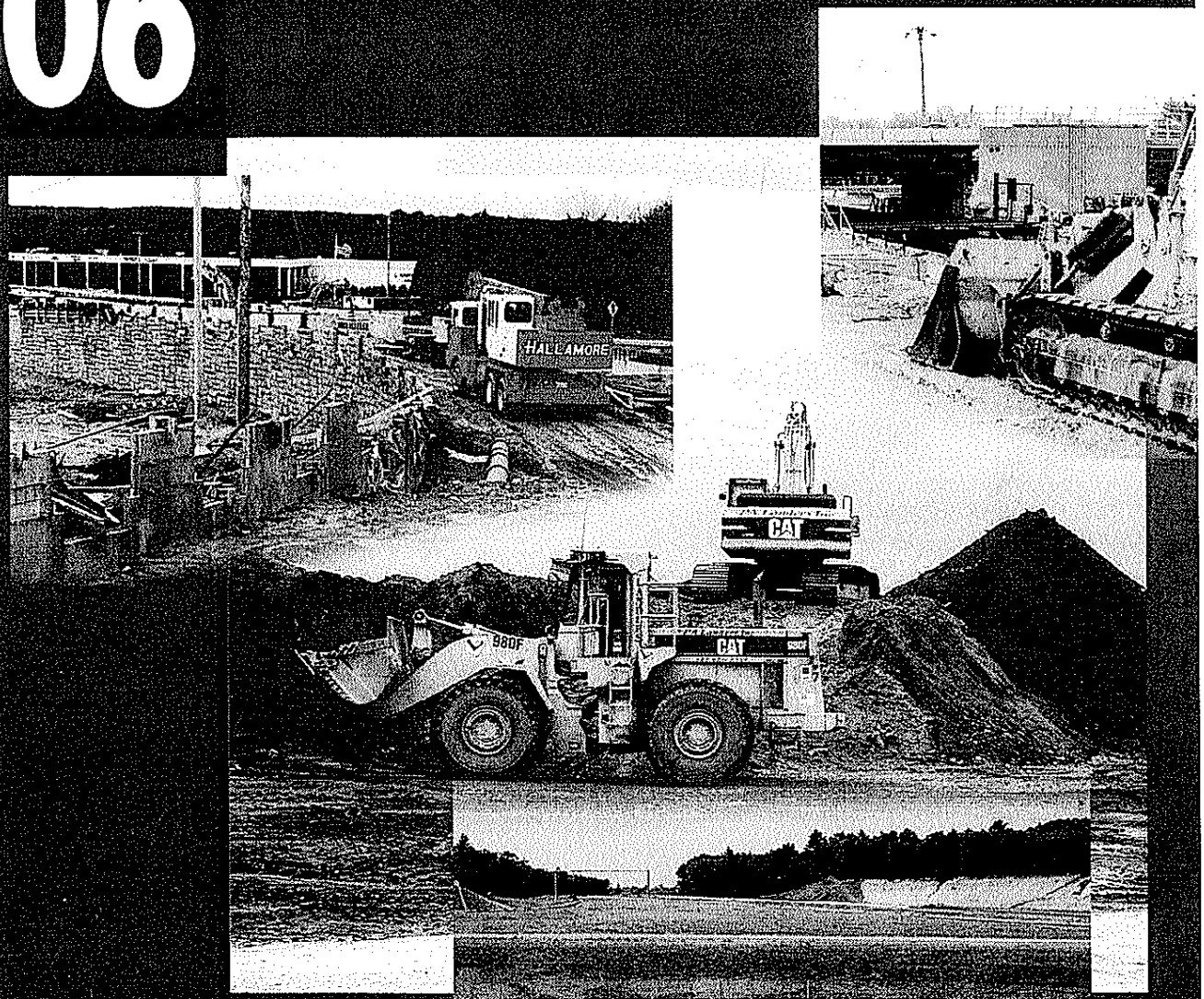
RSMeans

Heavy Construction Cost Data

20th Annual Edition

2006



Schedule DFM2010-34

26132 | Conduit & Tubing

	CREW	DAILY OUTPUT	LABOR-HOURS	UNIT	2006 BARE COSTS MAT.	LABOR	EQUIP.	TOTAL	TOTAL INCL O&P	
5" diameter	2 Elec	80	.200	L.F.	9.15	8.40		17.55	22.50	230
6" diameter		60	.267		13.10	11.20		24.30	31	
Sweeps, 1" diameter, 30" radius	1 Elec	32	.250	Ea.	15.70	10.50		26.20	33	
1-1/4" diameter		24	.333		19.85	14		33.85	43	
1-1/2" diameter		21	.381		20.50	16		36.50	46.50	
2" diameter		18	.444		21.50	18.65		40.15	51.50	
2-1/2" diameter		14	.571		36.50	24		60.50	76.50	
3" diameter		10	.800		42	33.50		75.50	96	
3-1/2" diameter		8	1		62.50	42		104.50	132	
4" diameter		7	1.143		60	48		108	137	
5" diameter		6	1.333		91	56		147	184	
Couplings, 1/2" diameter					.41			.41	.45	
3/4" diameter					.50			.50	.55	
1" diameter					.77			.77	.85	
1-1/4" diameter					1.02			1.02	1.12	
1-1/2" diameter					1.40			1.40	1.54	
2" diameter					1.86			1.86	2.05	
2-1/2" diameter					3.30			3.30	3.63	
3" diameter					5.40			5.40	5.95	
3-1/2" diameter					6			6	6.60	
4" diameter					8.35			8.35	9.20	
5" diameter					21			21	23.50	
6" diameter					27			27	30	
End bells 1" diameter, PVC	1 Elec	60	.133		4	5.60		9.60	12.75	
1-1/4" diameter		53	.151		4.95	6.35		11.30	14.90	
1-1/2" diameter		48	.167		4.95	7		11.95	15.90	
2" diameter		34	.235		7.30	9.90		17.20	23	
2-1/2" diameter		27	.296		8.10	12.45		20.55	27.50	
3" diameter		20	.400		8.60	16.80		25.40	34.50	
3-1/2" diameter		16	.500		9.40	21		30.40	42	
4" diameter		14	.571		10.20	24		34.20	47	
5" diameter		12	.667		16.05	28		44.05	59	
6" diameter		9	.889		17.60	37.50		55.10	75	
Rigid galvanized steel, 1/2" diameter		200	.040	L.F.	2.23	1.68		3.91	4.95	
3/4" diameter		170	.047		2.56	1.98		4.54	5.75	
1" diameter		130	.062		3.88	2.58		6.46	8.10	
1-1/4" diameter		110	.073		5.15	3.05		8.20	10.20	
1-1/2" diameter		100	.080		5.95	3.36		9.31	11.55	
2" diameter		90	.089		7.65	3.73		11.38	13.95	
CONDUIT IN TRENCH Includes terminations and fittings										240
Does not include excavation or backfill, see div. 02315										
Rigid galvanized steel, 2" diameter	1 Elec	150	.053	L.F.	7.35	2.24		9.59	11.45	
2-1/2" diameter		100	.080		14.30	3.36		17.66	21	
3" diameter	2 Elec	160	.100		17.60	4.20		21.80	25.50	
3-1/2" diameter		140	.114		22.50	4.80		27.30	31.50	
4" diameter		100	.160		24.50	6.70		31.20	37	
5" diameter		80	.200		53.50	8.40		61.90	71.50	
6" diameter		60	.267		78.50	11.20		89.70	103	

26136 | Boxes

PULL BOXES & CABINETS R260533 -70										700
Pull box, NEMA 3R, type SC, raintight & weatherproof										
6" L x 6" W x 6" D	1 Elec	10	.800	Ea.	18.50	33.50		52	70.50	
8" L x 6" W x 6" D		8	1		23	42		65	88	

bearing on one another including much of the Schiff Hardin and the Ernst & Young and the STS as well as other small --

Q. I think we're in the wrong --

A. Non controversial --

Q. I think we are on the wrong line item. The other miscellaneous, I see that you have no imprudent amount?

A. That's correct.

Q. So you didn't make any recommendations for disallowance on that line?

A. No. I took -- out of the 80 million, I took the portions that had to do with project support and put that into a separate and that's where the Schiff Hardin and some of the others came out.

Q. Okay. So even though it was in a line item in the ledger for KCP&L under miscellaneous, you put it in project report and that's where 85 would show that, correct?

A. That's correct.

Q. All right. And other POs, indirects and uncommitted, 44 million, is that correct, 44?

A. There was a total of 684 million, and we were able to identify specific purchase orders or change orders or activities that added up to 44

million.

Q. Now, am I reading this correctly that those would be change orders that are not change orders for Alstom, Kissick or Kiewit?

A. I believe that's the case. My sorting was done such that no Alstom, Kissick or Kiewit purchase ordering change orders would have been included in that.

Q. And is the back-up for that also in DR-1?

A. That's correct.

Q. And that's how you got the -- oh, no numbers.

CHAIRMAN WRIGHT: What page is that in that we're looking at?

MS. VAN GELDER: This was part of the exhibit that was -- the last page of 77. This was his exhibit that was put in yesterday.

CHAIRMAN WRIGHT: Right.

MS. VAN GELDER: Mr. Chairman, given the time and the expressed desire by the Commission to have questions, I know that there were a number of issues that you went over earlier. I believe that the KCP&L will say that it really is the calculations that we think are the most important thing at this time to get in. We will waive our questioning on those other