Public Works Department Construction Works—continued.

	Type of Plant used.	Cost per Cubic Yard.		. Saving.	Remarks (including Lead and Useful 1)ata): Time Comparison.
		Hand.	wacnine.		
ä	Diesel tractors, with carry-alls and scoops	£108,582 (estimate)	£23,582 (contract)	Per Cent.	Saving in cost of £85,000 by use of contractor with machines as against hand labour; value of
	Diesel tractor and carry-all	2s. 6d.	2 <u>3</u> d.	91.7	machines, £20,000. Average lead by machine was $\frac{32}{1}$ chains longer than that of
	Public Works Department designed	2s. 6d.	2લે.	93.3	band labour.
\Box	Diesel crawler drag-line, 🖁 yard	2s. 6d.	- 64.	0.08	:
celui	\$ yard crawler-type Diesel drag-	Js. 6d.	3d.	83.3	:
استورط ا ماسع	g yard crawler-type Diesel drag- line	:	Σ/i Σ/i	:	Manual excavation impossible without construction of expen- sive coffer-dam and using
<u>:5</u>	Excavation of main race in shingle Diesel tractor grader and angle-and silt	3s. 6½d.	1s. 6d. and 2s.	57.6 to 43.5	pumps. Estimated reduced cost with improved technique and designing races to suit machinery, 1s new orbits read
ä	Diesel tractor and elevating grader	4s,	Ø. pend	75.0	
ä	Diesel crawler - type excavator,	3s. 6d.	s.	42.8	The speed is increased five times
۵.	4 yard Petrol locos, and trucks	3s. 7d.	1s. 9d.	51.16	of use of macrimes.
<u>–</u>	Diesel shovel, crawler type	28, 1.87d.	8.6d.	66.7	Loading into lorries.
eoler.	½ Diesel shovel, crawler type	13. 81d.	Æ panel	41.4	: