

Bonne South Den Drainage through fourth District Engine.

Work Entailed.

1. Widening & Deepening Glenbake Dyke and Bank's Dyke for 3 miles
is. from Sir Gilbert's Washcotes Tunnel to South District main Drain top end. £ 1650
2. Embanking 4 feet high bank 6 miles bank e 2500.
3. Driving 80 feet tube under railway 100 feet long. (Railway) 1000
4. Widening and deepening 4th District main Drain ^{£400} widening
Francis Bridge ^{£250} 650.
5. Installation of Pumping Plant at 4th District Engine.
75 H.P. and 30 inch pump. and ^{£4000} say 4000.
accommodating present premises & waterways

£ 9800

980

£ 10780

say £10,000

This scheme will not benefit the County Drain Washes.

Areas.

Gravel Drain lands. 6803.2 acres.

9 washes. 741.6 "

Bonne South Den. 3000 "

New channel. { 8ft bottom 17ft top }
 { 3ft of water }

velocity. 1.25 f.p.s.

fall. 6" to a mile.

Discharge height at 4th Dist Engine 6.38 O.D.

Levels.

Discharge level Sir Gilbert's Tunnel. 4.96 ft above O.D.

" height water from Sir S.T. 6.56 " " "

land in 9 washes minimum 5.17 general 6.10.

1939 Jan'y flood in 9 washes 8.68.

Distances

Sir Gilbert's Tunnel to Railway 2 1/2 miles

" " " to 4th Dist Eng. 5 "

Tunnel under Railway 100 feet.

happened

