Drainage Areas.

Sta. 1585 to 2040 Miles 144 to 151 (incl.)

Dix to New Berlin Location.

1914.

Opening at 1659+80 Station 1585 to 1670 Area - 450 acres.

40% farm land - 60% steep mountain side, timbered. Drain from summit at 1585, east to 1659+80. A channel will have to be cut on north side of hill from sta. 1651+85 to 1659, to change present stream, having bottom width of not less than 6' and depth of 4'.

Opening at 1691+50 Sta. 1670 to 1703 (Muddy Creek - 1680+40 - present crossing)

This is quite a large stream, which comes through a gap in the mountains. Opening should be at least 20' wide with a clearance of 6'. A channel will have to be cut at least 200' to point where grade line will permit bridge and 500' ~~width~~ from there into present channel. Channel excavation can be estimated 60% earth.

Opening at 1710+80 Sta. 1703 to 1728+50 Area = 150 acres.

50% ~~wooded slope~~ - 50% steep mountain side

Opening at 1754+50 Sta. 1728+50 to 1777 Area about 1900 acres.

steep, hilly mountain side. This stream runs through a gap in the mountains. Opening should be at least 60' with 5' clearance

Opening at 1794± Sta. 1777 to 1814 Area = 150 acres.

Size of opening under P. & R. tracks

Opening at 1847 Sta. 1814 to 1864

Quite a stream comes through a gap in the ridge and crosses the line at 1831+4. This will have to be ditched east to 1847. Channel 4' deep - 8' bottom width. Opening under P.R.R. tracks