FED. RD. DIVISION	STATE	PROJECT	
2	OHIO	I-71-5(11)236	

19TA 263

CUYAHOGA COUNTY
CUY-42-3.44

℄ MAIN ST. = PEARL RD. STA. 31+83.25

Exist. 8" Gas

Exist. Curb

Exist. 12" W.

4" Existing Hyd. To Remain

Ex. 20" Gas

Temp. 2" G.W.I. Pipe Water Main, 2' Cover

Sta. 39+50 ℄ Pearl Rd.

℄ 12" Water Main 1+10.26

S.N. 292052

Ex. 12" S.D.

No. S.N.

Transfer Services to New Line and Lower to 6' Cover

6" Hyd., 6" Valve, 6" C.I. Cement Lined Pipe, №2 Valve Box Complete

S.N. 306287

Lead Joints

2+95

Hyd. Assembly to be Abandoned

S.N. 298708

Ex. 12" S.D.

S.N. 306004

Transfer Service to New Line and Lower to 6' Cover

Abandon Existing 12" Water Main and replace in same lateral location to new grade from Sta. 0+50 to 5+22

8" Gas

Sta. 39+30 - 12' Lt. Provide 2" Conn. Tap For 2" Temp. Main = Sta. 0+90 - 12' W.M.

To Be Retained

Ex. 12" S.D.

2+10.88

12" C.I. Sleeve (Short) Poured Solid

Ex. 15" S.D.

To Be Retained

12" Inserting Valve & 4 Valve Box Complete

Begin Relocation 1+60.57

Ex. 12" Cross Connection

40+75

℄ PEARL RD.-U.S.42 Curve #2

Relocated 24" Water Main

Match Line Sta. 43+70 = 5+32.89 ℄ W.M.

P.I. 38+91.86

Exist. 18" S.D.

Exist. Curb

Exist. 24" W.

Acc. MH.

Existing Plain Anchor

Drain

20'-G.V. & V.V.

36"-84"-Eq.

60.0

243.38'

24" By-Pass

24" Temporary By-Pass Water Main See Dwg's 199, 200, 201 For Detail

39+50.0 ℄ Pearl Rd. = 39+39.0 ± ℄ Run-Around

℄ Limit of Paving

℄ RUN-AROUND

Temporary-Test Caps or Plugs With Flushing Connections.

P.C. 37+58.56

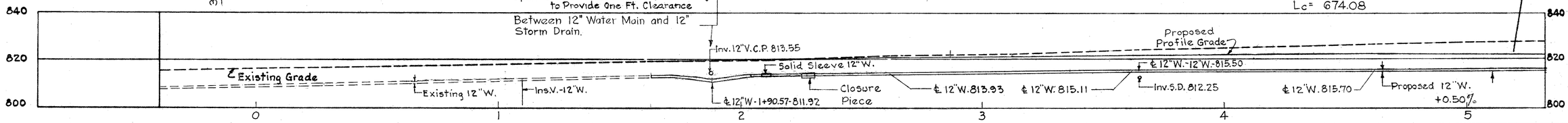
38+20 PEARL RD.

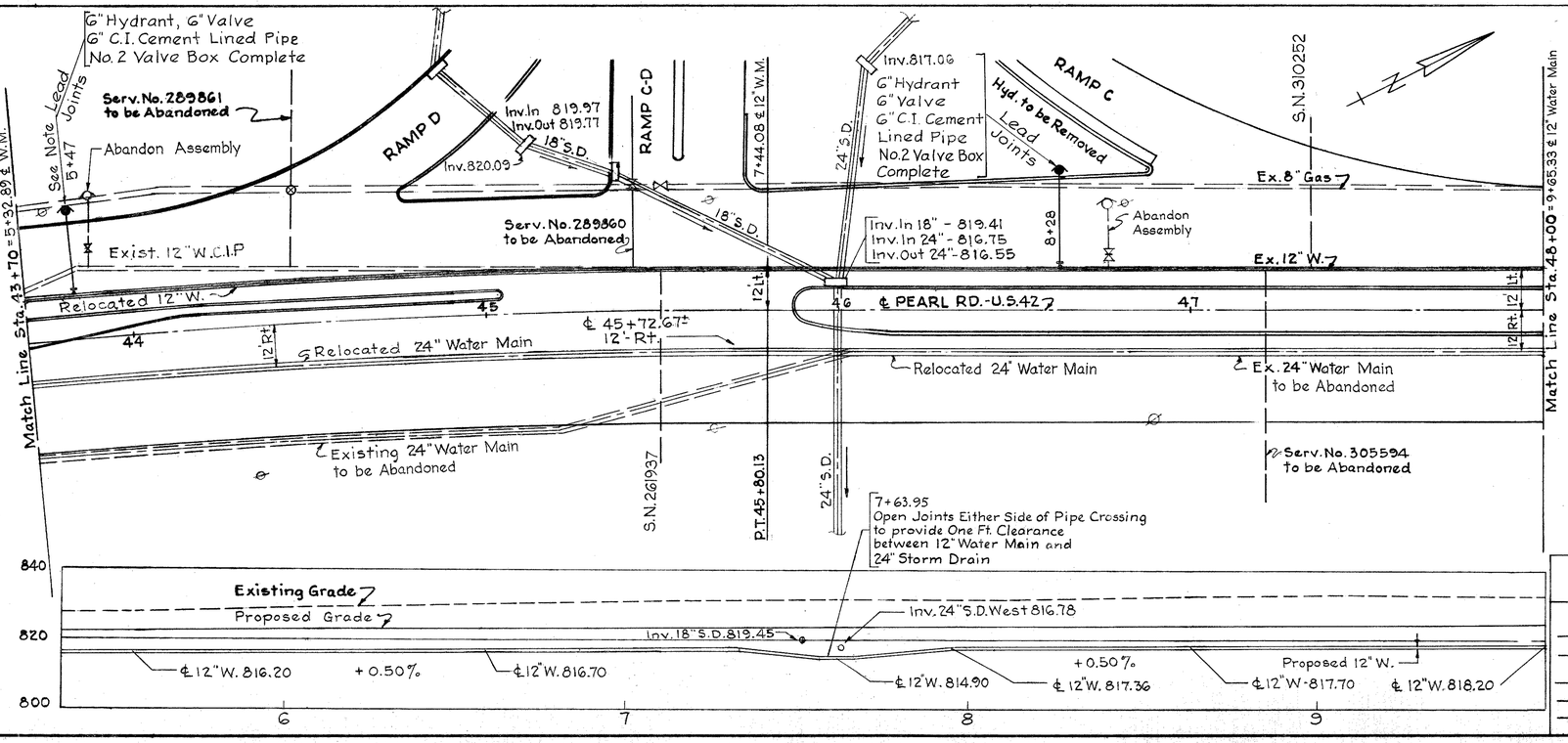
P.C. 39+10.26

Open Joints Either Side of Pipe Crossing to Provide One Ft. Clearance Between 12" Water Main and 12" Storm Drain.

℄ U.S. 42-Curve No. 2
Δ = 20°-05'-46"
Dc = 3°-00'-00"
Rc = 1909.86
Tc = 338.41
Lc = 669.87
E = 29.75

Curve No. 1-12" Water Main
Δ = 20°-05'-46"
Dc = 2°-58'-53"
Rc = 1921.86
Tc = 340.54
Lc = 674.08





PREPARED BY J.E. GREINER COMPANY
CONSULTING ENGINEERS
BALTIMORE-1, MARYLAND

DEPARTMENT OF PUBLIC UTILITIES
DIVISION OF WATER AND HEAT
CLEVELAND, OHIO

APPROVED _____ 19__

_____ DIRECTOR OF PUBLIC UTILITIES

_____ COMMISSIONER OF WATER AND HEAT

_____ COMMISSIONER-DIVISION OF UTILITIES ENGINEERING

_____ ENGINEER OF CONSTRUCTION & SURVEYS

_____ ENGINEER OF DESIGN

2ND. HIGH SERVICE ZONE

SUBJECT 12" Water Main Relocation in Pearl Rd.

DRAWN BY J.H.
TRACED BY J.H.
CHECKED BY _____ DATE _____

SCALE 1"=20' H. & V.