DISTRICT	COUNTY	ROUTE	SEC.	SHEET
3	COLUMBIA	161	12	8 of 9
CONYNGHAM Township				

BM Elev. 1184.805
Spike in base 20" Oak
85' Lt. Sta. 11+30

P.C. Sta 8+08.81
Angle 180°00'

P.I. Sta 14+86.28
Angle 186°46'

8" Surf. Tr. Stone

Present Route 161

WESTERN MIDDLE FIELD COAL CO. OWNER OF SURFACE
JOHN J CULLEN OWNER OF COAL

WESTERN MIDDLE FIELD COAL CO. OWNER OF SURFACE
JOHN J. CULLEN OWNER OF COAL

WESTERN MIDDLE FIELD COAL CO. OWNER OF SURFACE
JOHN J CULL'EN OWNER OF COAL

Required Limit of Slope
Required Right of Way Line
Required Limit of Slope
Required Right of Way Line
Required Limit of Slope

N 73° 50' 48" E
N 80° 36' 48" E

41'-16" C.I.P.
20'-10" x 8" x 10" Reinf. Conc. Pave.
52'-16" C.I.P.
Apron & Riprap

P.C. Sta 8+08.81

P.I. Sta 11+71.50
Elev. 1179.98
V.C. 400'

P.I. Sta 17+00
Elev. 1208.48
V.C. 300'

+1.2924 %
+3.00 %
+4.52 %

Sta 10+30 to Sta 20+00
3954 C.Y. Class I Excav.
4161 C.Y. Embankment

DATUM 1130

REQUIRED LIST

Sta. 6+32 to Sta. 28+15
Spec. Type V. Ditch Rt. (½ Bottom)
595 C.Y. Class I Excav.

Sta. 9+10
22'-18" R.C.P.
"E" Endwall Rt.

Sta. 12+00
84'-18" R.C.P.
"E" Endwall Rt.
5 C.Y. Cl. 2 Excav. for Inlet
1 "E" Inlet

Sta. 17+20
52'-16" C.I.P.
Remove endwall and connect to existing pipe Lt.
2 C.Y. Cl. 2 Exc. (Endwall Removal)
"E" Endwall Rt.
20 C.Y. Cl. 2 Exc. for Outlet
1 Inlet

Sta. 18+00
Grade Drive Lt. (16' Wide)
3 C.Y. Embankment

Sta. 7+
46'-18" R.C.P.
1 "E" Inlet

TRACED BY
FINAL BY