CFN 180710535
SLM 5.35, 24"
SEE SHEET 184

SLM 5.47, 12"

CFN 180710534
SLM 5.34, 24"
SEE SHEET 184

SLM 5.38, 12"

| CUY-71-0.00 | OHIO |
|---|---|
| | FHWA REGION 5 |
| | FEDERAL PROJECT |

118
361

End Shoulder Taper
Sta. 764+93.86

Power Tower (Typ.)

CEI High Tension Lines

See Pearl Rd. Interchange Plans For Fence Quantities

Baldwin Creek

Exist. C.L. Fence (Type CL)

Exist C.L. Fence Gate

352 L.F. Pipe Cleanout (Northern Box Only)

P.T. Sta. 773+06.18

Begin Shld. Repl.

P.O.T. Sta. 775+97.86 ℄ I-71
P.O.T. Sta. 89+60.45 ℄ Ramp C
Begin Ramp C Shoulder Taper Rt.

Ex. 6" U.D.

Sta. 771+12 ℄ I-71

℄ Ramp C

WATCH LINE STA. 764+00

WATCH LINE STA. 777+00

℄ I-71 Survey & Construction

Curve 5

770

765

775

N11°56'22"W

3" Elect.

Ex. 6 U.D.

Curve A-1

Conc.

Curve A-2

End Taper
Sta. 764+02.95

℄ Ramp A

End Shoulder Taper
Sta. 72+04.59

Exist. Paved Entrance

P.R.C. Sta. 66+45.76 ℄ Ramp A
P.O.C. Sta. 766+45.76 ℄ I-71, 78° Rt.

Exist. C.L. Fence (Type CL)

Ex. 20" WTHP

Sta 768+35 ℄ I-71
Begin Shld. Repl.

Nose Sta. 74+02.95 I-71
C.S. Sta. 71+04.59
Begin Shoulder Taper Rt.

Ex. 12"

Exist. 15'x8' Twin Reinforced Concrete Box Culvert

See Pearl Rd. Interchange Plans For Fence Quantities

See Pearl Rd. Interchange Plans For Ramp Underdrain Quantities

Sta. 73+04.59

See U.S. 42 Interchange Plan for Guardrail and Guardrail Removal Quantity

Curve A-3

PROFILE GRADE 1-3/4" ABOVE EXISTING PROFILE

S.B.

N.B.

**Curve A-1 Data**
△ = 4°35'18"
D = 1°00'00"
R = 5729.58'
T = 229.54'
L = 458.83'
E = 4.60'

**Curve A-2 Data**
△ = 9°00'00"
Lα = 200.00'
θα = 7°00'00"
Pα = 2.04'
T1 = 126.16'
T2 = 74.25'
△1 = D1 = 1°00'00"
△2 = D2 = 8°00'00"
R1 = 5729.58'
R2 = 716.20'

**Curve A-3 Data**
△ = 32°55'42"
△α = 24°55'42"
Dc = 8°00'00"
Rc = 716.20'
Lc = 311.60'
Tc = 158.31'
Ec = 17.29'
Ls1 = 0.00'
Ls2 = 200.00'
θs2 = 8°00'00"
P2 = 2.33'
K2 = 99.94'
Xc2 = 199.61'
Yc2 = 9.30'
LT2 = 133.47'
ST2 = 66.79'
Ts1 = 215.94'
Ts2 = 308.00'

**Curve 5 Data**
P.I. Sta. 763+76.54
Dc = 0°28'00"
△ = 8°41'36"
R = 12277.67'
T = 933.22'
L = 1862.86'
E = 35.42'
Ch = 1861.07'

Proposed Grade

Existing Ground℄

Existing Ground @ 42' Rt. & Lt. of ℄

0.63%±

Ex. 24"
F.L. 822.22 (W)
F.L. 822.53 (E)

Sta. 766+35, ℄ I-71
Replace Exist. No. 4 CB with Prop. No. 4A CB, with E-Grate, As Per Plan
Prop. N.D.=834.72
Contractor shall provide basin that will connect ex. 24" conduits. Cost of extending conduits included in unit price for CB No. 4A. (Match existing pipe material.)

SEE 1964 CUY-71-3.38 PLANS FOR ORIGINAL CONSTRUCTION OF STORM SEWERS

Existing Ground @ ℄ (Typ.)
Existing Ground @ 42' Right of ℄ (Typ.)
Existing Ground @ 42' Left of ℄ (Typ.)

See Schematic Plan Sheet 4 for Reference Monument Data
See Sheets 184 for Sewer Profile
See Sheets 243 & 244 for Signing and Striping Layout
See Sheets 183-186 for Cross Sections
See Sheets 273 & 274 for Lighting Layout

840 830 820 810 800 790 780

831.89 835.73 835.81 833.21 836.02 836.16 834.54 836.32 836.50 834.73 835.62 836.80 834.92 836.92 837.09 834.31 837.26 837.32 833.70 837.60 837.54 833.98 837.90 837.92 834.25 838.19 838.30 834.55 838.52 838.64 834.84 838.85 838.97 835.18 839.14 839.29 835.53 839.43 839.60 835.86 839.70 839.85 836.18 839.96 840.10 836.45 840.28 840.43 836.72 840.60 840.75 837.00 840.92 841.00 837.28 841.23 841.25 837.52 841.52 841.59 837.75 841.82 841.92 838.02 842.12 842.24 838.28 842.43 842.56 840.32 842.76 842.91 842.35 843.08 843.25 842.34 843.46 843.58 842.33 843.84 843.91

764 765 766 767 768 769 770 771 772 773 774 775 776 777

I-71 PLAN & PROFILE STA. 764+00 TO STA. 777+00

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PLOTTED :07-AUG-98 15:40:
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