

SCHEMATIC LAYOUT PLAN

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

2

CUYAHOGA COUNTY
CUY-71-10.16

0 200 400 600 800
SCALE IN FEET

CURVE DATA AIRPORT FREEWAY

P.I. STA 618+34.86 Ls = 350.00' P.I. STA 635+70.60
 Δ = 36°30'00" LT Δs = 07°52'30" Δ = 03°28'48" LT
 Δc = 20°45'00" LT P = 4.01 D = 00°28'00"
 Δc = 04°30'00" K = 174.89 R = 12,277.67'
 Rc = 1273.24 LT = 233.57 T = 408.72'
 Tc = 233.11 ST = 116.88 L = 817.14'
 Lc = 461.11 Ts = 596.06 E = 0.80'
 Ec = 21.16 Es = 71.66

CURVE DATA RAMP A
 P.I. STA 618+22.18 Ls = 250.00'
 Δ = 79°35'14" LT Δ = 20°27'46"
 Δc = 38°39'42" LT P = 7.41
 Δc = 16°22'13" K = 124.47
 Rc = 350.00 LT = 167.79
 Tc = 122.78 ST = 84.36
 Lc = 236.17 Ts = 422.18
 Ec = 20.91 Es = 115.16

CURVE DATA N. BOUND I-71

P.I. STA 620+27.64 Ls = 400.00'
 Δ = 61°52'08" RT Δs = 10°00'00"
 Δc = 41°52'08" RT P = 5.81'
 Δc = 05°00'00" K = 199.80'
 Rc = 1145.92' LT = 267.09'
 Tc = 438.37' ST = 133.72'
 Lc = 837.38' Ts = 890.03'
 Ec = 80.99' Es = 196.81'

CURVE DATA N.B. I-71

P.I. STA 632+59.92 Ls = 400.00'
 Δ = 02°05'30" RT Δs = 10°00'00"
 Δc = 01°30'00" P = 5.81'
 Δc = 05°00'00" K = 199.80'
 Rc = 1145.92' LT = 267.09'
 Tc = 438.37' ST = 133.72'
 Lc = 837.38' Ts = 890.03'
 Ec = 80.99' Es = 196.81'

CURVE DATA S.B. I-71

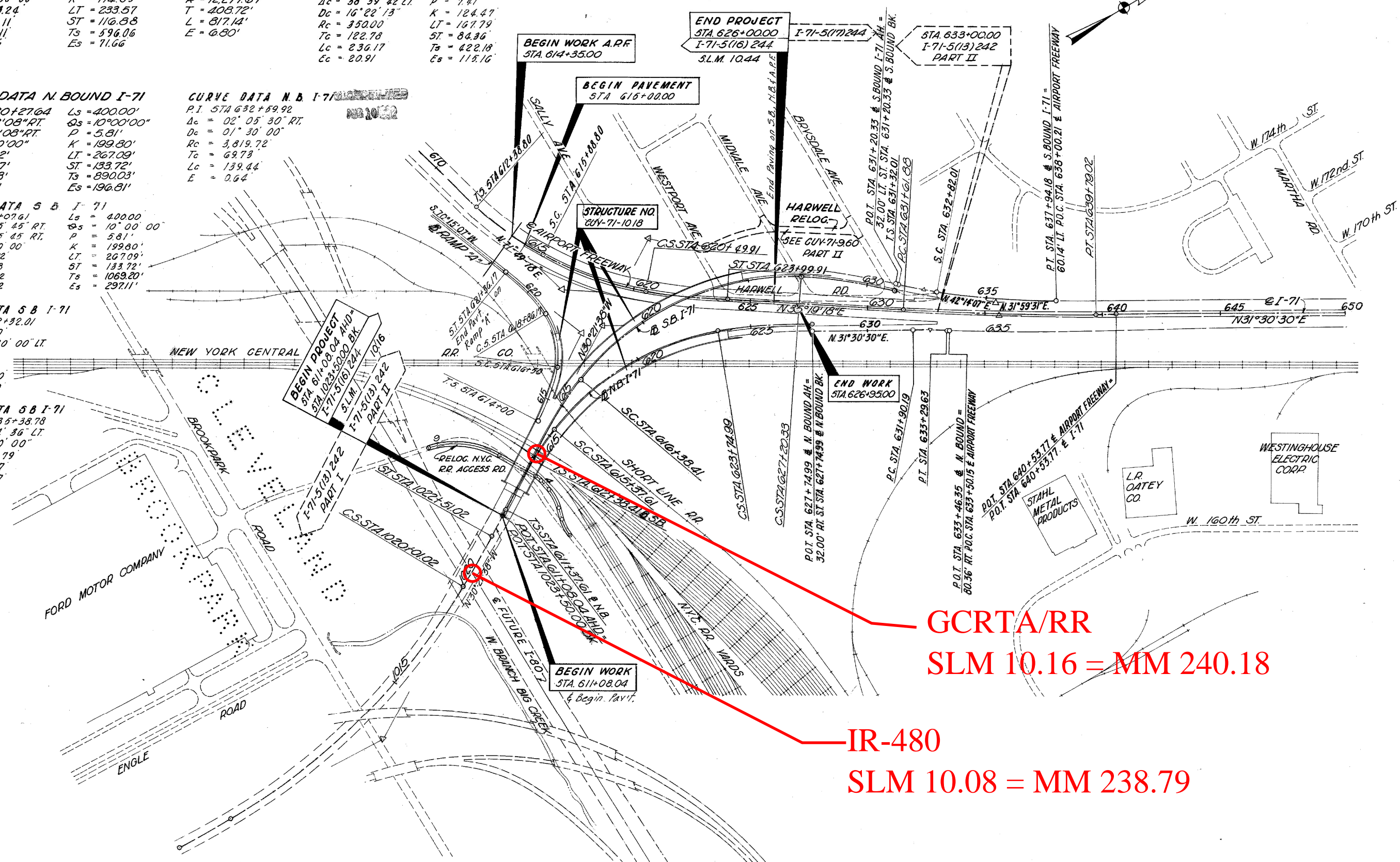
P.I. STA 623+07.61 Ls = 400.00'
 Δ = 74°05'45" RT Δs = 10°00'00"
 Δc = 54°05'45" RT P = 5.81'
 Δc = 05°00'00" K = 199.80'
 Rc = 1145.92' LT = 267.09'
 Tc = 438.37' ST = 133.72'
 Lc = 837.38' Ts = 890.03'
 Ec = 80.99' Es = 196.81'

CURVE DATA S.B. I-71

P.I. STA 632+32.01 Ls = 150.00'
 Δ = 01°30'00" LT Δs = 10°00'00"
 Δc = 01°30'00" P = 0.33'
 Δc = 02°00'00" K = 75.00'
 Rc = 2864.79' LT = 256.77'
 Tc = 512.17' ST = 50.00'
 Ec = 11.48' Es = 297.11'

CURVE DATA S.B. I-71

P.I. STA 635+38.78 Ls = 150.00'
 Δ = 10°14'36" LT Δs = 10°00'00"
 Δc = 02°00'00" P = 0.33'
 Δc = 02°00'00" K = 75.00'
 Rc = 2864.79' LT = 256.77'
 Tc = 512.17' ST = 50.00'
 Ec = 11.48' Es = 297.11'



GCRTA/RR
SLM 10.16 = MM 240.18

IR-480
SLM 10.08 = MM 238.79