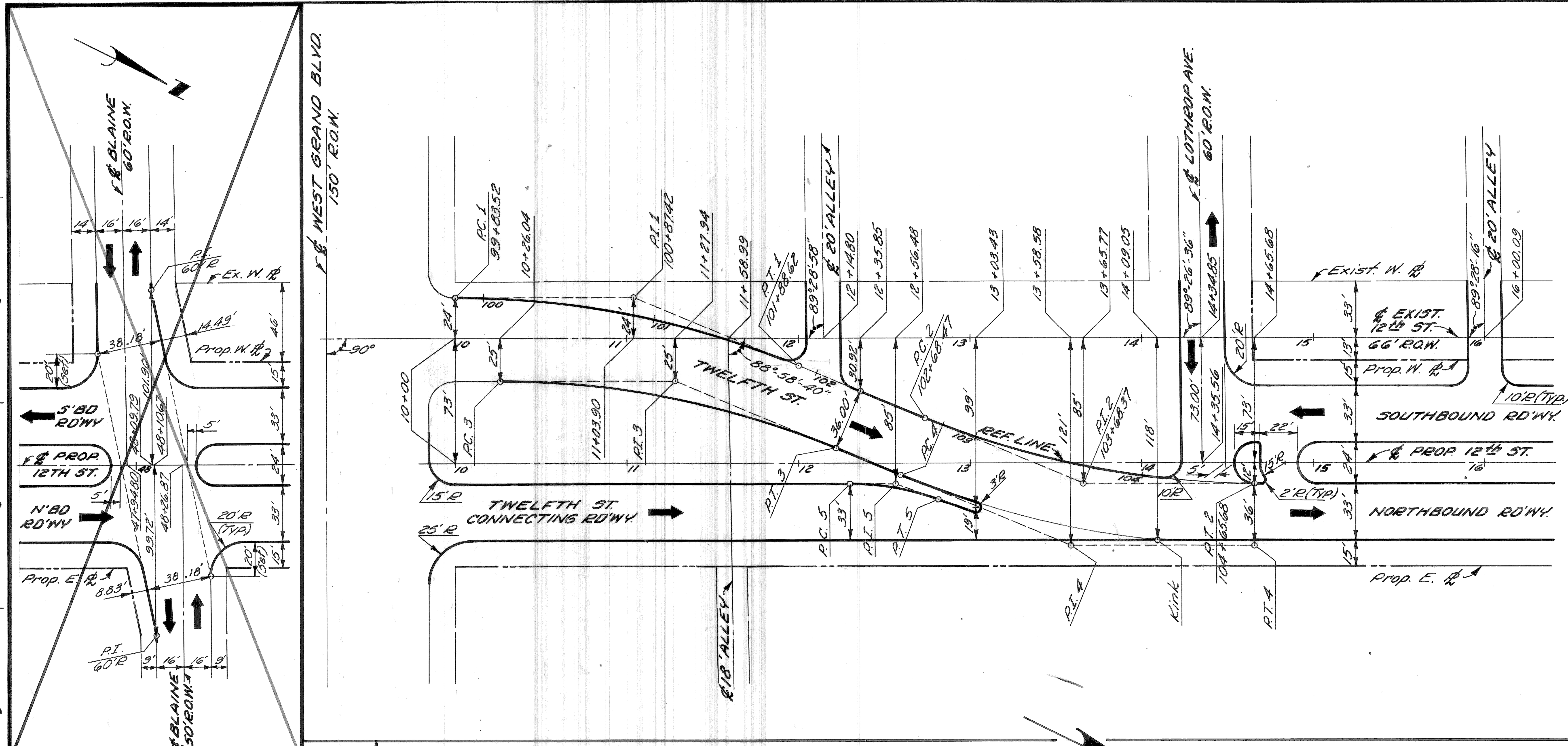


TWELFTH ST. CURVE DATA

Curve 1
Δ = 22°-35'-54.4"
D = 11°-01'-06.3"
R = 520'
T = 103.90'
L = 205.10'
E = 10.28'
P.C. = 99+83.52
P.I. = 100+87.42
P.T. = 101+88.62

Curve 2
Δ = 22°-35'-54.4"
D = 11°-27'-32.9"
R = 500'
T = 99.90'
L = 197.21'
E = 9.88'
P.C. = 102+68.47
P.I. = 103+68.37
P.T. = 104+65.68

Curve 3
Δ = 22°-35'-54.4"
D = 11°-14'-04.1"
R = 510'
T = 101.90'
L = 201.15'
E = 10.08'

Curve 4
Δ = 22°-35'-54.4"
D = 10°-41'-22.2"
R = 536'
T = 107.10'
L = 211.41'
E = 10.59'

Curve 5
Δ = 20°-06'-41.4"
D = 38°-11'-49.8"
R = 150'
T = 26.60'
L = 52.65'
E = 2.34'

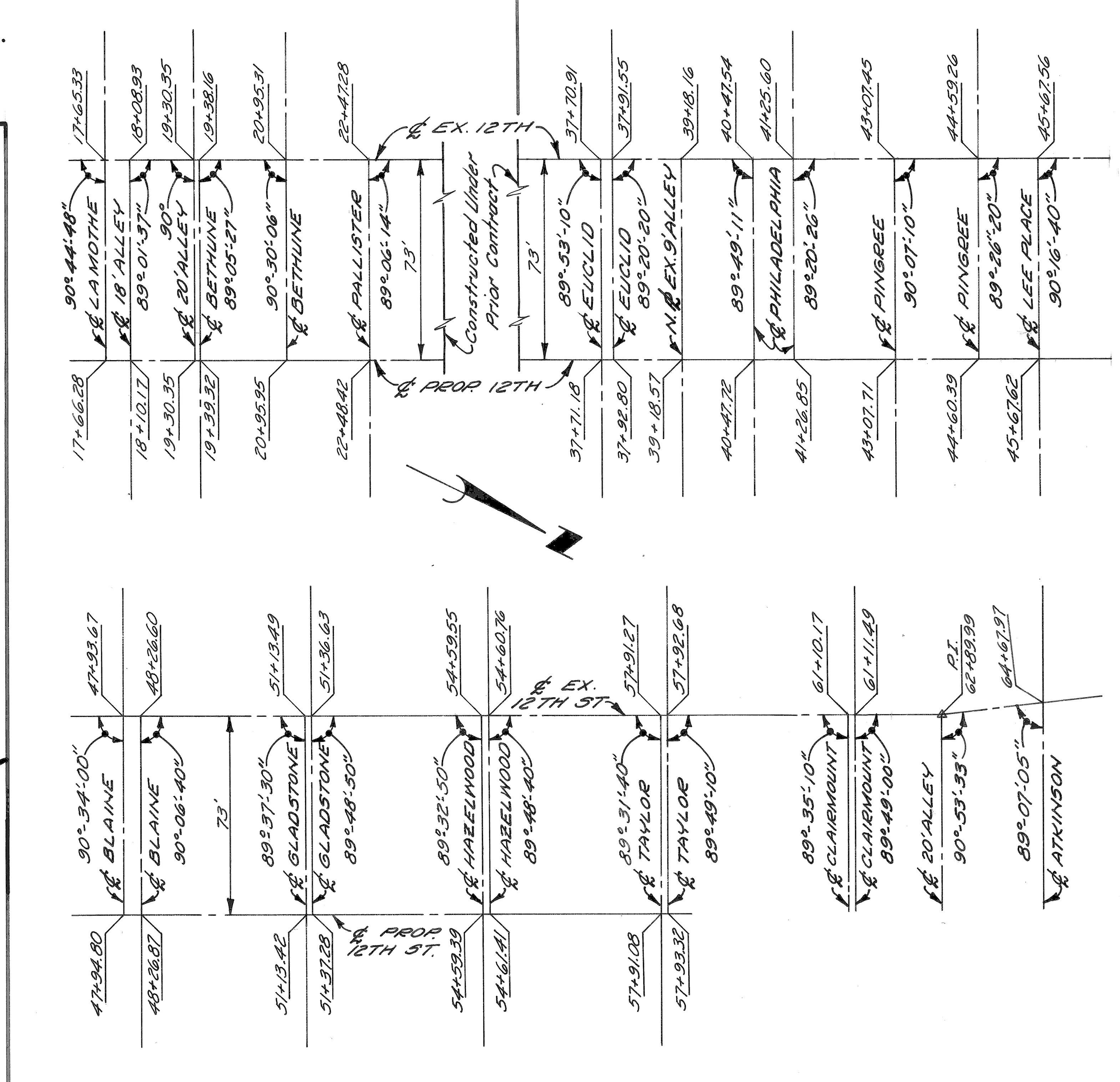
Curve 6
Δ = 2°-56'-11.3"
D = 3°-42'-30.5"
R = 1545'
T = 39.60'
L = 79.18'
E = 0.51'
P.C. = 158+21.08
P.I. = 158+60.68
P.C.C. = 159+00.26

Curve 7
Δ = 12°-14'-55.3"
D = 9°-32'-57.5"
R = 600'
T = 64.38'
L = 128.27'
E = 3.44'
P.C.C. = 159+00.26
P.I. = 159+64.64
P.T. = 160+28.53

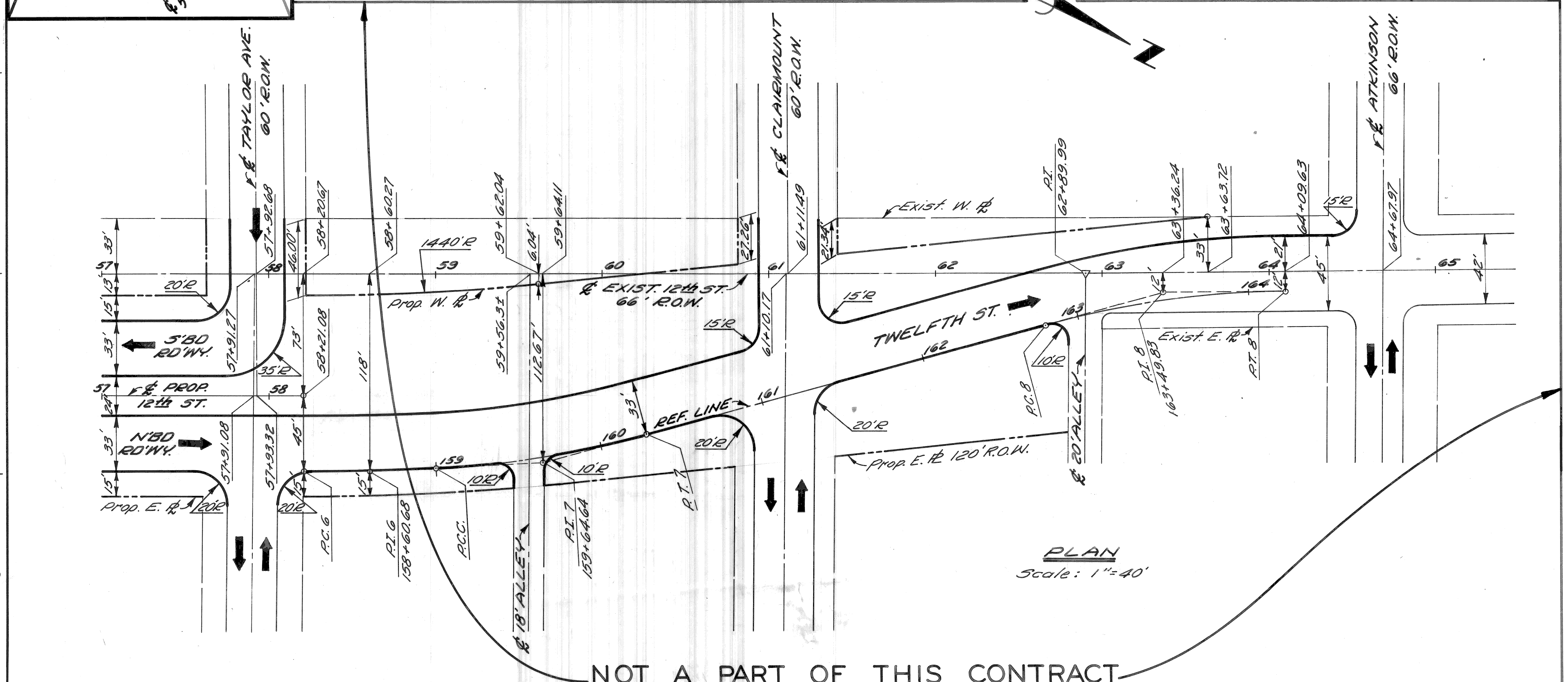
Curve 8
Δ = 14°-45'-01.6"
D = 10°-06'-18.3"
R = 567'
T = 73.39'
L = 145.97'
E = 4.73'
P.C. = 162+76.44
P.I. = 163+49.83
P.T. = 164+22.41

NOT A PART OF THIS CONTRACT

FOR INFORMATION ONLY



ALIGNMENT DIAGRAM
No Scale



PLAN
Scale: 1" = 40'

NOT A PART OF THIS CONTRACT

REFERENCE DRAWINGS	
DESIGNED BY	
DRAWN BY	M.A.P.
TRACED BY	
CHECKED BY	R.A.C.

COOR'D | DESCRIPTION | DR'N | CK'D | AP'VD | DATE
REVISIONS LOCATED BY COORDINATES ON SHEET

APPROVED:
ENGINEER OF EXPRESSWAYS

CITY OF DETROIT
DEPARTMENT OF PUBLIC WORKS
CITY ENGINEERS OFFICE
FOR
COMMUNITY DEVELOPMENT COMMISSION

TWELFTH STREET WIDENING
WEST GRAND BLVD. TO LASALLE GARDENS
ALIGNMENT

SHEET 4 OF 59 SHEETS
CONTRACT No. M2000 (017)
ASSIGNMENT No. A.O.2091
DATE 5-18-75

G-5523