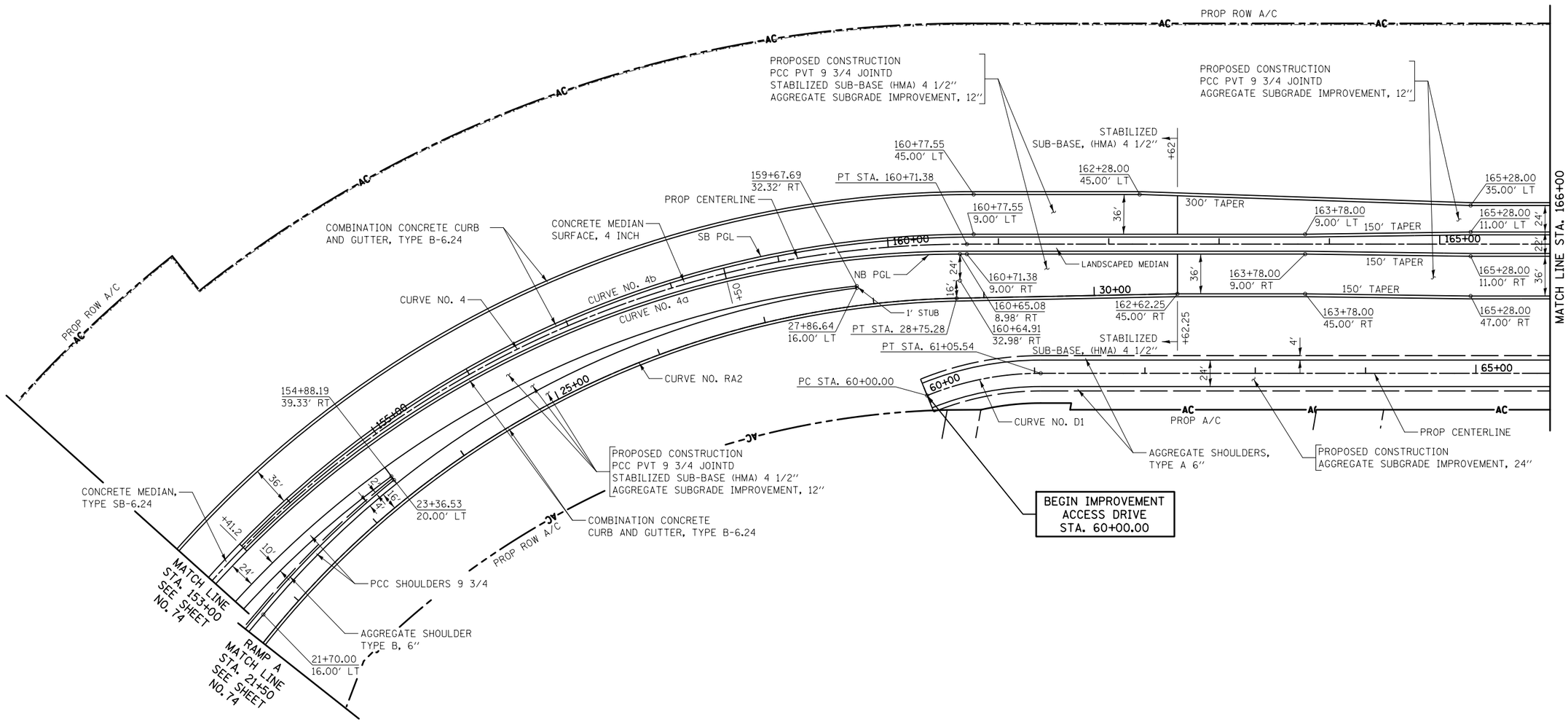

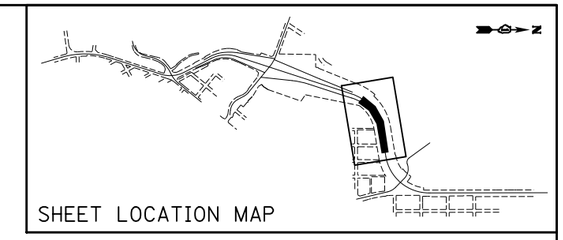

PROP. CURVE NO. 4
PI STA. = 156+26.02
Δ = 62° 30′ 28″ (RT)
D = 6° 13′ 39″
R = 920.06′
T = 558.39′
L = 1,003.75′
E = 156.19′
e = 4.00%
P.C. STA. = 150+67.63
P.T. STA. = 160+71.38

PROP. CURVE NO. RA2
PI STA. = 24+76.71
Δ = 62° 38′ 06″ (RT)
D = 6° 58′ 07″
R = 822.20′
T = 500.25′
L = 898.82′
E = 140.23′
e = 5.90%
P.C. STA. = 19+76.46
P.T. STA. = 28+75.28

PROP. CURVE D1
PI STA. = 60+53.44
Δ = 22° 08′ 58″ (RT)
D = 20° 59′ 15″
R = 273.00′
T = 53.44′
L = 105.54′
E = 5.18′
e = N.C.
P.C. STA. = 60+00.00
P.T. STA. = 61+05.54

50 0 50
SCALE IN FEET

ILLINOIS ROUTE 31

FILE NAME = ...\D160F72-sht-pln-06.dgn	USER NAME = ctb	DESIGNED - CTB	REVISED -
		DRAWN - ARA	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - GAB	REVISED -
	PLOT DATE = 5/2/2012	DATE - 5/3/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN

SCALE: 1" = 50' | SHEET NO. 6 OF 15 SHEETS | STA. 153+00 TO STA. 166+00

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	75

CONTRACT NO. 60F72

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT