

NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH	A47	LAKE	176	22
STA. 57+00		TO STA. 77+00		
03-00088-00-FP		ALJMS		SURFACE TRANSPORTATION FUNDING
CONTRACT NUMBER 83807				

CURVE #2
 D = 04°35'08"
 D = 00°24'01"
 R = 14,317.07'
 T = 573.23'
 L = 1,145.85'
 E = 11.47'
 PC STA. = 60+41.56
 PI STA. = 66+14.80
 PT STA. = 71+87.41

CURVE #3
 D = 55°54'55"
 D = 19°05'55"
 R = 300.00'
 T = 159.23'
 L = 292.77'
 E = 39.64'
 PC STA. = 201+74.95
 PI STA. = 203+34.18
 PT STA. = 204+67.72

CURVE #4
 D = 39°44'46"
 D = 10°54'49"
 R = 525.00'
 T = 189.77'
 L = 364.19'
 E = 33.24'
 PC STA. = 208+10.00
 PI STA. = 209+99.77
 PT STA. = 211+74.19

HIGHLAND GROVE DRIVE

DESCRIPTION	STATION	NORTHING	EASTING
B.O.A.	200+00.00	2004820.11	1086584.96
P.I.	203+34.18	2005007.29	1086308.12
P.I.	204+67.72	2005166.51	1086308.06
P.I.	208+10.00	2005508.79	1086307.04
P.I.	209+99.77	2005698.56	1086307.00
E.O.A.	211+74.19	2005844.50	1086428.30

DEERFIELD PARKWAY ALIGNMENT DATA

DESCRIPTION	STATION	NORTHING	EASTING
B.O.A.	8+00.00	2005031.64	1081406.29
P.I.	12+48.89	2005381.27	1081687.82
P.I.	15+52.16	2005381.46	1082024.56
P.I.	35+42.56	2005391.67	1084014.94
P.I.	66+14.80	2005401.22	1087087.16
E.O.A.	93+80.90	2005188.59	1089845.70

CONTROL POINTS

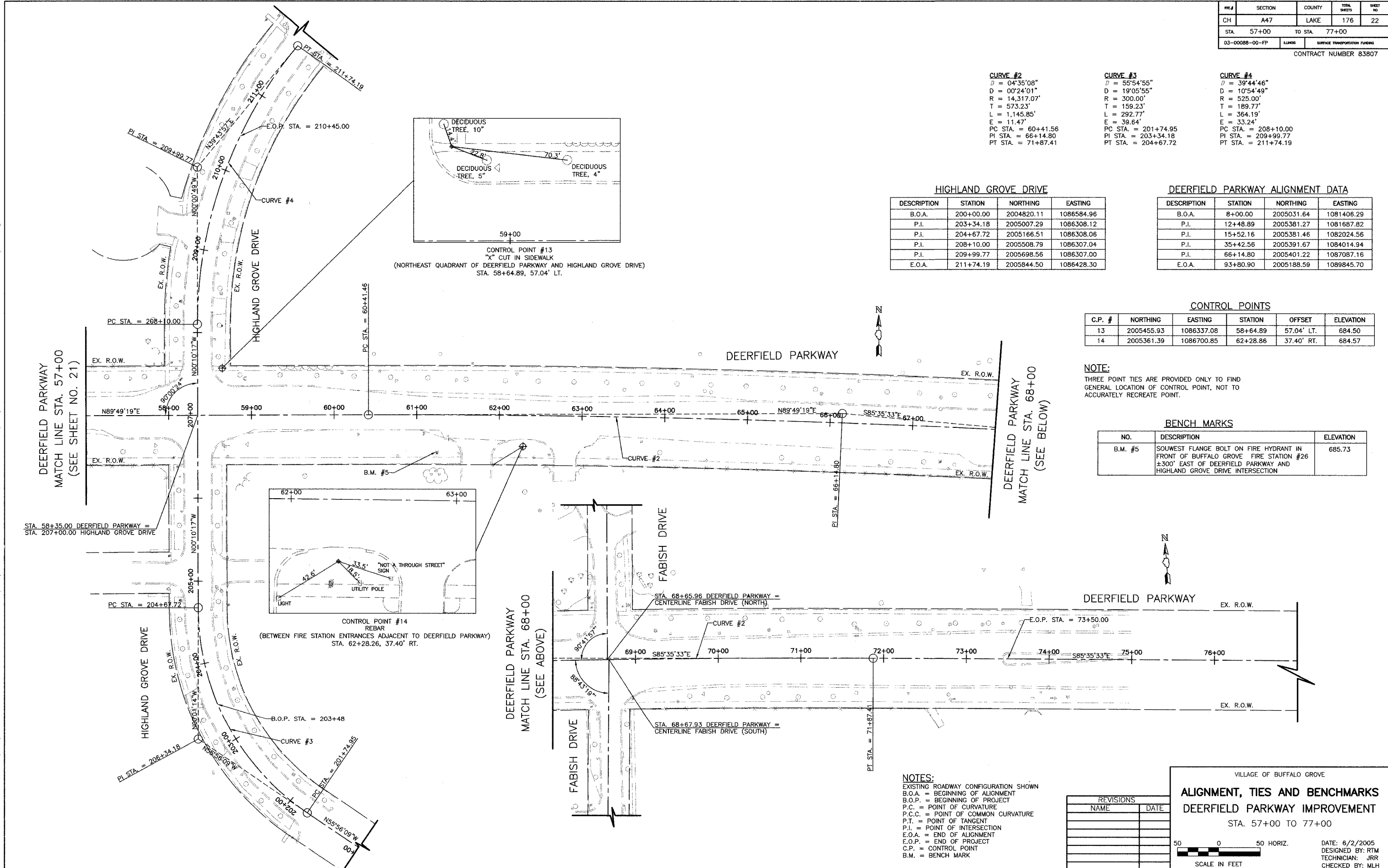
C.P. #	NORTHING	EASTING	STATION	OFFSET	ELEVATION
13	2005455.93	1086337.08	58+64.89	57.04' LT.	684.50
14	2005361.39	1086700.85	62+28.86	37.40' RT.	684.57

NOTE:

THREE POINT TIES ARE PROVIDED ONLY TO FIND GENERAL LOCATION OF CONTROL POINT, NOT TO ACCURATELY RECREATE POINT.

BENCH MARKS

NO.	DESCRIPTION	ELEVATION
B.M. #5	SOUTHWEST FLANGE BOLT ON FIRE HYDRANT IN FRONT OF BUFFALO GROVE FIRE STATION #26 ±300' EAST OF DEERFIELD PARKWAY AND HIGHLAND GROVE DRIVE INTERSECTION	685.73



NOTES:
 EXISTING ROADWAY CONFIGURATION SHOWN
 B.O.A. = BEGINNING OF ALIGNMENT
 B.O.P. = BEGINNING OF PROJECT
 P.C. = POINT OF CURVATURE
 P.C.C. = POINT OF COMMON CURVATURE
 P.T. = POINT OF TANGENT
 P.I. = POINT OF INTERSECTION
 E.O.A. = END OF ALIGNMENT
 E.O.P. = END OF PROJECT
 C.P. = CONTROL POINT
 B.M. = BENCH MARK

REVISIONS	
NAME	DATE

VILLAGE OF BUFFALO GROVE

ALIGNMENT, TIES AND BENCHMARKS
DEERFIELD PARKWAY IMPROVEMENT
 STA. 57+00 TO 77+00

DATE: 6/2/2005
 DESIGNED BY: RTM
 TECHNICIAN: JRR
 CHECKED BY: MLH