Results: MINLP-8vehiclecenter.sas

The OPTMODEL Procedure

Problem Summary	
Objective Sense	Minimization
Objective Function	TotalDistance
Objective Type	Nonlinear
Number of Variables	30
Bounded Above	0
Bounded Below	0
Bounded Below and Above	30
Free	0
Fixed	0
Binary	24
Integer	0
Number of Constraints	9
Linear LE (<=)	0
Linear EQ (=)	9
Linear GE (>=)	0
Linear Range	0
Constraint Coefficients	48

The OPTMODEL Procedure

Solution Summary	
Solver	LSO
Objective Function	TotalDistance
Solution Status	Function Convergence
Objective Value	0.0181298862
Infeasibility	0
Random Seed Used	1
Evaluations	9675
Cached Evaluations	2743
Iterations	64
Presolve Time	0.00
Solution Time	0.53

TotalDistance
0.01813

[1]	X	Y
1	-85.713	38.244
2	-85.739	38.247
3	-85.751	38.235

W							
1	2	3	4	5	6	7	8

W								
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
1	1	0	0	0	0	1	0	1
2	0	1	0	1	0	0	0	0
3	0	0	1	0	1	0	1	0