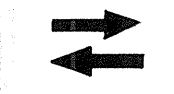
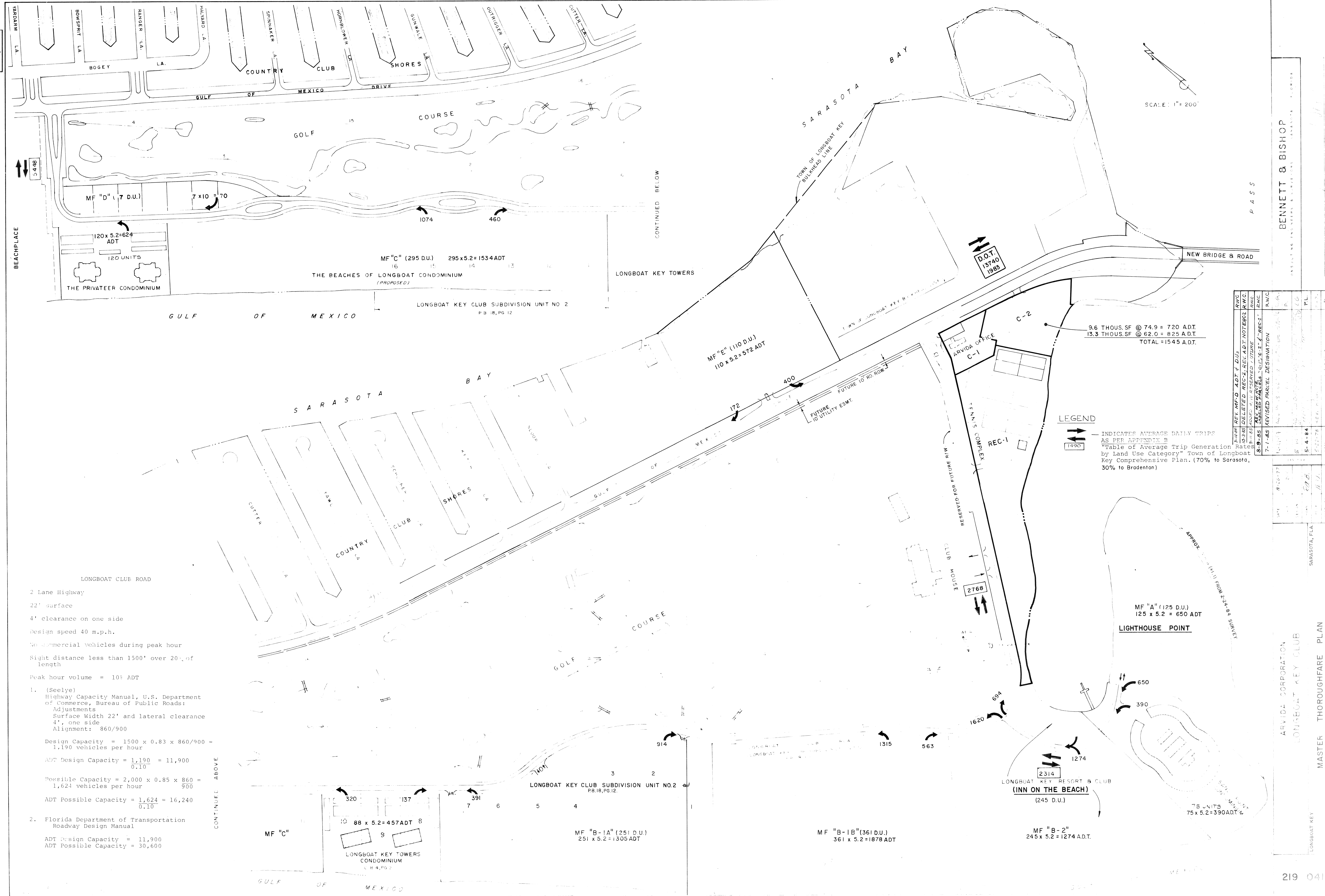


D.O.T.
 PUTTER
 GREEN L.N.
 11,645
 1983



5488

BEACHPLACE



SCALE: 1" = 200'

D.O.T.
 13740
 1983

P.A.S.S.

BENNETT & BISHOP

REV.	REV. M.F.D.	ADT / D.U.S.	RWC
1	REVISED	REVISED	REVISED
2	REVISED	REVISED	REVISED
3	REVISED	REVISED	REVISED
4	REVISED	REVISED	REVISED
5	REVISED	REVISED	REVISED
6	REVISED	REVISED	REVISED
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98	REVISED	REVISED	REVISED
99	REVISED	REVISED	REVISED
100	REVISED	REVISED	REVISED

LEGEND

INDICATES AVERAGE DAILY TRIPS AS PER APPENDIX B "Table of Average Trip Generation Rates by Land Use Category" Town of Longboat Key Comprehensive Plan. (70% to Sarasota, 30% to Bradenton)



LONGBOAT CLUB ROAD
 2 Lane Highway
 22' surface
 4' clearance on one side
 design speed 40 m.p.h.
 No commercial vehicles during peak hour
 Sight distance less than 1500' over 20% of length
 Peak hour volume = 10³ ADT

1. (Seelye)
 Highway Capacity Manual, U.S. Department of Commerce, Bureau of Public Roads:
 Adjustments
 Surface Width 22' and lateral clearance 4', one side
 Alignment: 860/900

Design Capacity = $1500 \times 0.83 \times 860/900 = 1,190$ vehicles per hour

ADT Design Capacity = $\frac{1,190}{0.10} = 11,900$

Possible Capacity = $2,000 \times 0.85 \times 860 = 1,624$ vehicles per hour

ADT Possible Capacity = $\frac{1,624}{0.10} = 16,240$

2. Florida Department of Transportation Roadway Design Manual

ADT Design Capacity = 11,900

ADT Possible Capacity = 30,600

CONTINUE ABOVE

APPROX. (1:1) FROM 24-84 SURVEY

SARASOTA, FLA.

ARVIDA CORPORATION
 LONGBOAT KEY CLUB
 MASTER THOROUGHFARE PLAN

LONGBOAT KEY