

APPENDIX C DESIGN DATA

	SECTION	PAGE
<u>DESIGN FEATURES</u>	C-1	C-1
CROSSOVER SPACING		C-1
CROSSOVER GRADES		C-2
INTERSECTING CROSS ROAD GRADES		C-3
LEFT TURN LANES		C-4
CROSSOVERS WITHOUT AND WITH CONNECTIONS		C-7
INTERSECTION DESIGN		C-7
SIGHT DISTANCE		C-11
RIGHT TURN LANES		C-17
ENTRANCES		C-18
SAFETY REST AREAS		C-20
Parking Spaces		C-21
<u>ENVIRONMENTAL</u>	C-2	C-27
NOISE ABATEMENT		C-27
NOISE ABATEMENT DECISION FLOW PROCESS		C-27
Preliminary Plan Review		C-27
Draft EIS		C-27
Location Public Hearings		C-27
Final Environmental Impact Statement (EIS)		C-28
Field Inspection and Final Design of Abatement Features		C-28
Design Public Hearing		C-28
Public Interaction		C-28
Decision		C-28
Approval of the Noise Study		C-28
Right of Way		C-28
Plans, Specifications and Estimates (PS & E)		C-29
Construction Review		C-29

	SECTION	PAGE
<u>RIGHT OF WAY</u>	C-3	C-30
CRITERIA FOR PLACEMENT OF RIGHT OF WAY MONUMENTS		C-30
<u>WATER RELATED PERMITS</u>	C-4	C-33
INTRODUCTION		C-33
TYPES OF PERMITS		C-33
PERMIT APPLICATION PROCEDURE		C-33
DRAWING REQUIREMENTS		C-37
Drawing Checklist		C-39
HYDRAULIC COMMENTARY FOR PERMIT APPLICATIONS		C-45
DISTRIBUTION OF COPIES OF PERMIT APPLICATIONS		C-46
GENERAL CONSTRUCTION NOTES AND EROSION AND SILTATION CONTROL NARRATIVE		C-46
<u>L & D BI-MONTHLY PROGRESS REPORT</u>	C-5	C-56
INSTRUCTIONS		C-56
DISTRIBUTION		C-57
<u>SAFETY PROJECTS</u>	C-6	C-59
PROCEDURES		C-59
<u>SITE PLAN REVIEW</u>	C-7	C-62

APPENDIX C LIST OF FIGURES

<u>FIGURE</u>	<u>PAGE</u>
C-1-1 thru C-1-1.19	C-4 thru C-5.9
C-1-1.19	Left Turn Lane Criteria
C-1-1.20	Passing/Left Turn Lane on Two-Lane Highway
C-1-2	Double Left-Turn Lanes
C-1-2.1	Continuous Two-Way Median Left-Turn
C-1-3	Crossovers Without and With Connections
C-1-4	Intersection Design
C-1-5	Intersection Design
C-1-6	Design Controls for Crest Vertical Curves, for Stopping Sight Distance and Open Road Conditions
C-1-7	Design Controls for Sag Vertical Curves, Open Road Conditions
C-1-8	Guidelines For Right Turn Treatment (2-Lane Hwy.)
C-1-9	Guidelines For Right Turn Treatment (4-Lane Hwy.)
C-1-10	Private and Commercial Entrances
C-1-10.1	Designs For Accessible Parking Spaces
C-1-11	Design Guide for Safety Rest Areas
C-1-12	Design Guide for Safety Rest Areas
C-1-13	Design For Angle Parking of Trucks
C-1-14	Designs For Angle Parking Spaces
C-3-1	Sketch Showing Survey Property Line Tie and Proposed R/W Break Points
C-4-1	Plan and Profile - Permit (Rough Sketch)
C-4-2	Permit Application Flow Chart

<u>FIGURE</u>	<u>PAGE</u>
C-4-3 Measurement of Excavation and Fill Areas Between Mean Low and Mean High Tides	C-38
C-4-4 Proposed Bridge Plan-Profile Sketch	C-49
C-4-5 Proposed Bridge Excavation and Causeway Sketch	C-50
C-4-6 Culvert (Non-Tidal) Plan View	C-52
C-4-7 Culvert (Non-Tidal) - Typical Section and Profile View	C-53
C-4-8 Culvert (Tidal) - Plan View	C-54
C-4-9 Culvert (Tidal) - Typical Section and Profile View	C-55
C-5-1 Bi-Monthly Progress Report	C-58
C-7-1 Partial Site Plan Review Process	C-82
C-7-2 Complete Site Plan Review Process	C-83
C-7-3 Subdivision Street Plan Review Procedure	C-83

LIST OF TABLES

<u>TABLE</u>	<u>PAGE</u>
C-1-1 Crossover Spacing Criteria	C-1
C-1-2 Warrants for Left Turn Lanes on Two-Lane Highways	C-5
C-1-2.1 Truck Adjustments	C-5.10
C-1-3 Stopping Sight Distance	C-11
C-1-4 Passing Sight Distance	C-11
C-1-5 Sight Distances along Major Road at Intersection with Minor Roads, Crossovers, and Commercial Entrances	C-12
C-7-1 Traffic Impact Study Contents	C-74