

APPENDIX I

SECTION I-1-INTRODUCTION	I-1
SECTION I-2- BARRIER SYSTEMS AND TERMINALS	I-2
W-Beam Guardrail General Criteria	I-2
GR-10 Guardrail over Culvert in Low Fills.....	I-4
High Tension Cable	I-5
Concrete Barrier.....	I-5
Barrier Terminals General Criteria	I-6
GR-3 Low Tension Cable Terminal.....	I-7
GR-6 W-Beam Buried In The Cut Slope Terminal	I-7
GR-7 W-Beam Flared Terminal	I-7
GR-9 W-Beam Tangent Terminal	I-8
GR-11 W-Beam Run-Off Only Terminal.....	I-9
Thrie-Beam Bull Nose Barrier	I-9
MB-9A Turned Down Concrete Median Barrier Terminal.....	I-10
Impact Attenuators.....	I-10
SECTION I-3 BARRIER INSTALLATION CRITERIA	
Barrier Warrants.....	I-13
Fixed Objects Within Deflection Area.....	I-15
Ponds or Other Bodies of Water	I-15
Short Gaps.....	I-15
Barrier Type Selection	I-15
Determining Location of the Ends Of Guardrail	I-18
Asphalt Paving Under Guardrail	I-20
Asphalt Curbs	I-20
Guardrail Installation Adjacent to Curb	I-21
SECTION I-4 FIXED OBJECT ATTACHMENTS (FOA) AND BRIDGE GUARDRAIL ATTACHMENTS (BRGR)	
FOA	I-25
BRGR	I-25
Entrances or Connections Adjacent to A Bridge	I-25
SECTION I-5 SAFETY/MAINTENANCE PROJECTS	I-26