## CHAPTER 4 CONSTRUCTION SURVEY

4.00	GENERAL STAKING REQUIREMENTS	4-1		
4.10	RIGHT OF WAY	4-2		
4.11	INSTALLATION OF RIGHT-OF-WAY MARKERS	4-2		
	Location of Markers	4-2		
	Witness Signs	4-2		
4.20	LAND MONUMENTS AND ROAD CENTERLINE	4-3		
4.21	RE-ESTABLISHING ROAD CENTERLINE CONTROL POINTS	4-3		
	Grading Projects	4-3		
	Portland Cement Concrete Pavement	4-3		
	Hot Mix Asphalt Pavement	4-3		
	Land Corners	4-3		
4.22	REPLACEMENT OF FEDERAL MONUMENTS & PRESERVATION OF ENGINEERING			
	DATA	4-3		
4.23	CENTERLINE POINT REFERENCING	4-3		
	Location of Reference Points	4-4		
	Methods of Referencing Points Using a Transit	4-4		
	Method of Referencing Using an Electronic Total Station Survey Instrument	4-4		
	Land Corners	4-5		
	Concrete Monuments	4-5		
4.24	BENCH MARKS	4-5		
	Permanent Bench Marks Along Rural Highways	4-5		
4.30	CONTRACTOR FURNISHED CONSTRUCTION SURVEY	4-7		
	Special Attention Items	4-7		
	Documentation	4-7		
	Contract Administration	4-8		