APPENDIX D QUANTITY TABLES

	SECTION	PAGE
STONE FOR EROSION CONTROL	D-1	D-1
STANDARD JB-1 JUNCTION BOX	D-1	D-11
RATIOS FOR MINOR STRUCTURE EXCAVATION	D-1	D-12
SUBBASE END AREAS AT CURB AND GUTTER LOCATION	D-1	D-28
AREAS FOR ENTRANCE GUTTER STANDARD CG-9D	D-1	D-29
DETERMINING PROPER SIZE OF CIRCULAR MANHOLE	D-1	D-30
METHOD OF COMPUTING PIPE BEDDING	D-1	D-31
IN ACCORDANCE WITH THE 2001 <u>ROAD AND BRIDGE STANDARDS</u> THE METHOD OF COMPUTING PIPE BEDDING IS INCLUDED IN IIM 225		
EARTHWORK QUANTITY COMPUTATIONS	D-1	D-38
C.Y. PER 100 FT. CORRESPONDING TO SUM OF END AREAS	D-1	D-39

APPENDIX D LIST OF FIGURES

<u>FIGURE</u>		PAGE
D-1	Computations For St'd. JB-1 Junction Box	D-11
D-2	Subbase End areas at Curb and Gutter Location	D-28
D-3	Method of Computing Pipe Bedding	D-31
D-4	Earthwork Quantity Computations	D-38
	LIST OF TABLES	
TABL	<u>E</u>	<u>PAGE</u>
D-1	Stone for Erosion Control with St'd. ES-1 Flared Endsections	D-1
D-2	Stone for Erosion Control with St'd. ES-2 Flared Endsections	D-1
D-3	Stone for Erosion Control with St'd. ES-3 Flared Endsections	D-2
D-4	Stone for Erosion Control with St'd. EW-1 and EW-6 Endwalls	D-2
D-5	Stone for Erosion Control with St'd. EW-1A Endwalls	D-3
D-6	Stone for Erosion Control with St'd. EW-2 and EW-7 Endwalls	D-3
D-7	Stone for Erosion Control with St'd. EW-2s (Skewed) Endwalls	D-4
D-7A	Stone for Erosion Control with St'd. EW-2s (skewed) Endwalls (Increments For Each Add'l. Foot Above Normal)	D-4
D-8	Stone for Erosion Control with St'd. FW-2A Endwalls	D-5

<u>ΓABLE</u>	
Stone for Erosion Control with St'd. EW-9 and EW-10 Pipe Arches	D-5
Stone for Erosion Control for Box Culvert St'd. BCS-02 Thru BCS-50 (No Skews)	D-6
Stone for Erosion Control for Box Culvert St'd. BCS-02 Thru BCS-50 (15° Skew)	D-7
Stone for Erosion Control for Box Culvert St'd. BCS-02 Thru BCS-50 (30° Skew)	D-8
Stone for Erosion Control for Box Culvert St'd. BCS-02 Thru BCS-50 (45° Skew)	D-9
Stone for Erosion Control for Multiple Box Culverts (Increments For Each Additional Barrel)	D-10
Adjustment Quantities for Junction Box	D-11
Computation of Ratios for Minor Structure Excavation St'd. EW-1A	D-12
Computation of Ratios for Minor Structure Excavation St'ds. EW-2, EW-2A	D-13
Computation of Ratios for Minor Structure Excavation St'd. EW-2s (30 degrees)	D-14
Computation of Ratios for Minor Structure Excavation St'd. EW-2s (45 degrees)	D-15
Computation of Ratios for Minor Structure Excavation St'd. EW-6, EW-10	D-16
Computation of Ratios for Minor Structure Excavation St'd. EW-6s (30 degrees)	D-17
Computation of Ratios for Minor Structure Excavation St'd. EW-6s (45 degrees)	D-18
	Stone for Erosion Control with St'd. EW-9 and EW-10 Pipe Arches Stone for Erosion Control for Box Culvert St'd. BCS-02 Thru BCS-50 (No Skews) Stone for Erosion Control for Box Culvert St'd. BCS-02 Thru BCS-50 (15° Skew) Stone for Erosion Control for Box Culvert St'd. BCS-02 Thru BCS-50 (30° Skew) Stone for Erosion Control for Box Culvert St'd. BCS-02 Thru BCS-50 (45° Skew) Stone for Erosion Control for Multiple Box Culvert St'd. BCS-02 Thru BCS-50 (45° Skew) Stone for Erosion Control for Multiple Box Culverts (Increments For Each Additional Barrel) Adjustment Quantities for Junction Box Computation of Ratios for Minor Structure Excavation St'd. EW-1A Computation of Ratios for Minor Structure Excavation St'ds. EW-2, EW-2A Computation of Ratios for Minor Structure Excavation St'd. EW-2s (30 degrees) Computation of Ratios for Minor Structure Excavation St'd. EW-6, EW-10 Computation of Ratios for Minor Structure Excavation St'd. EW-6s (30 degrees)

<u>TABLE</u>		PAGE
D-23	Computation of Ratios for Minor Structure Excavation St'd. EW-7	D-19
D-24	Computation of Ratios for Minor Structure Excavation St'd. EW-7s (30 degrees)	D-20
D-25	Computation of Ratios for Minor Structure Excavation St'd. EW-7s (45 degrees)	D-21
D-26	Computation of Ratios for Minor Structure Excavation St'd. EW-9	D-22
D-27	Computation of Ratios for Minor Structure Excavation St'd. EW-10	D-23
D-28	Computation of Ratios for Minor Structure Excavation St'd. EW-11	D-24
D-29	Computation of Ratios for Minor Structure Excavation St'd. ES-1	D-25
D-30	Computation of Ratios for Minor Structure Excavation St'd. ES-2	D-26
D-42	C.Y. Per 100 Ft. Corresponding to Sum of End Areas	D-39
D-43	C.Y. Per 100 Ft. Corresponding to Sum of End Areas	D-40

TABLE		<u>PAGE</u>
D-38	Pipe and 4" Bedding Material Displacement Corrugated Metal Pipe Arch - 2-2/3" x 1/2" Corrugations	D-35
D-39	Pipe and 4" Bedding Material Displacement Corrugated Metal Pipe Arch - 3" x 1" Corrugations	D-35
D-40	Pipe and 4" Bedding Material Displacement Structural Plate Arch - 6" x 2" Corrugations 18" Corner Radius	D-36
D-41	Pipe and 4" Bedding Material Displacement Structural Plate Arch - 6" x 2" Corrugations 31" Corner Radius	D-37
D-42	C.Y. Per 100 Ft. Corresponding to Sum of End Areas	D-39
D-43	C.Y. Per 100 Ft. Corresponding to Sum of End Areas	D-40