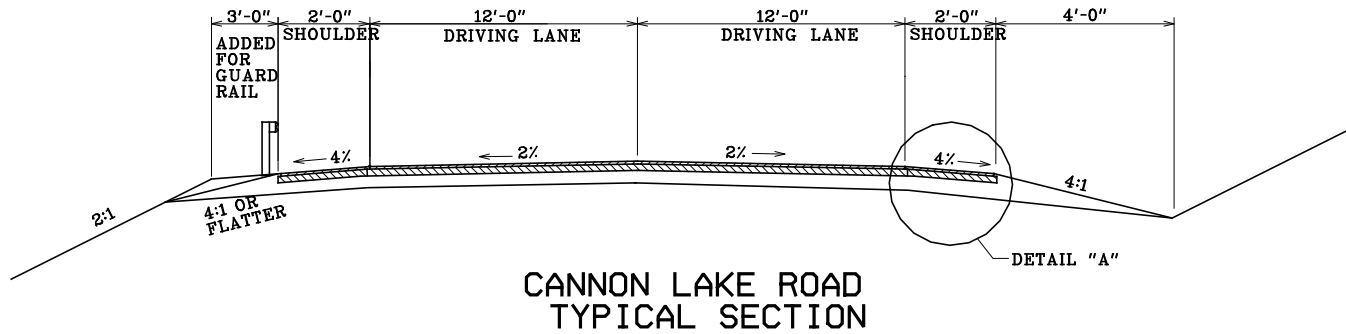


APPENDIX D

TYPICAL SECTION CANNON LAKE ACCESS ROAD



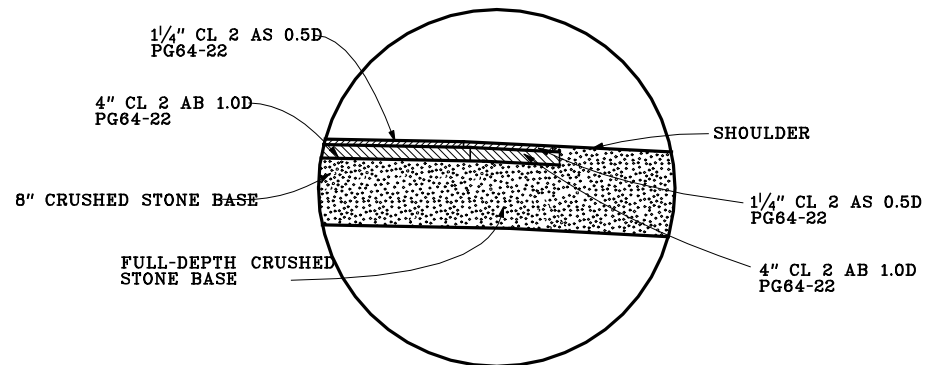
PAVEMENT

DRIVING LANES

1.25" CL2 ASPHALT SURFACE 0.5D PG64-22
 4.00" CL2 ASPHALT BASE 1.0D PG64-22
 8.00" CRUSHED STONE BASE

SHOULDER

1.25" CL2 ASPHALT SURFACE 0.5D PG64-22
 4.00" CL2 ASPHALT BASE 1.0D PG64-22
 FULL-DEPTH CRUSHED STONE BASE



DETAIL "A"

Cannon Creek Roadway Estimate

Earthwork:		<u>Cost:</u>
Excavation:	290000 cubic yards	\$2,130,000
Embankment:	250000 cubic yards	-
<u>Sub Total:</u>		\$2,130,000

Pavement:		
CL2 Asphalt Surface:	950 tons	\$62,000
CL2 Asphalt Base:	3100 tons	\$203,000
Crushed Rock Base:	6000 tons	\$115,000
<u>Sub Total:</u>		\$380,000

Design/Drainage/Roadside Safety/Miscellaneous:		
<u>Sub Total:</u>		\$500,000

<u>Roadway Estimate Total:</u>	\$3,010,000
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SEWER LINE EXTENSION TO CANNON CREEK LAKE

March 2007

PRELIMINARY PROJECT COST ESTIMATE

<u>ITEM</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL COST</u>
8" PVC Gravity Sewer	LF	6,000	\$55.00	\$330,000
4" PVC Force Main	LF	15,000	20.00	300,000
Manhole	EA	35	2,500.00	87,500
10" Steel Encasement Pipe - Bored	LF	175	200.00	35,000
Tie-To Ex. LS @ BCHS	EA	1	5,000.00	5,000
Sewage Lift Station	LS	2	85,000.00	170,000
				<u>170,000</u>
			SUB-TOTAL ESTIMATED CONSTRUCTION COST	\$927,500
Contingencies (15%)				139,125
Engineering Design				85,000
Engineering Inspection				55,000
Land & Rights				5,000
				<u>5,000</u>
			TOTAL ESTIMATED PROJECT COST	\$1,211,625