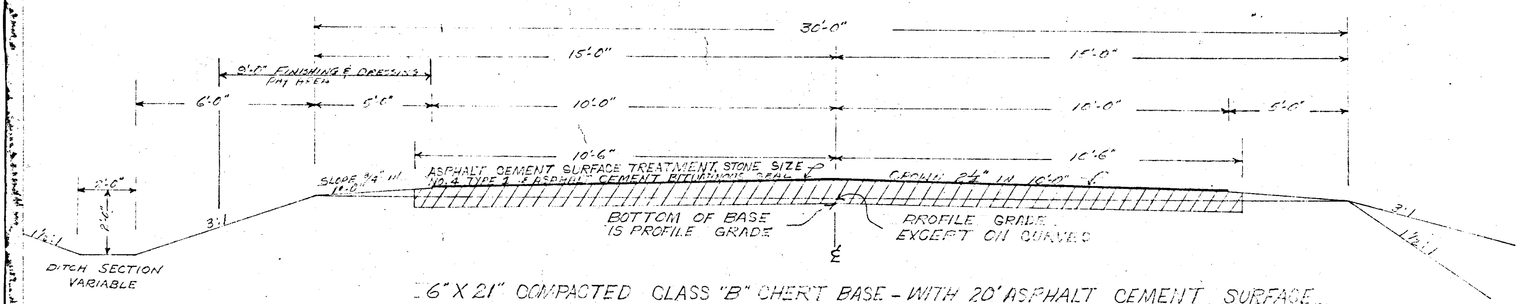
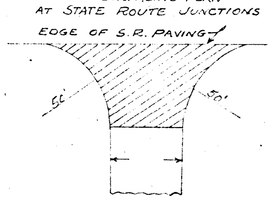
TYPICAL SECTION
AND
SUMMARY OF QUANTITIES

PROJECT RRPR 1990(2) SECT. 1
MOUNTAIN COVE FARMS - CEDAR GROVE METHODIST CHURCH

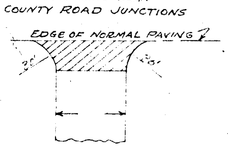


16" X 21" COMPACTED CLASS "B" CHERT BASE - WITH 20' ASPHALT CEMENT SURFACE TREATMENT, STONE SIZE NO. 4, TYPE 1 & ASPHALT CEMENT BITUMINOUS SEAL, WITH CLASS "B" CHERT SHOULDERS

TYPICAL SURFACING PLAN AT STATE ROUTE JUNCTIONS



TYPICAL SURFACING PLAN AT COUNTY ROAD JUNCTIONS



NOTE: ALL CONSTRUCTION SHALL CONFORM TO THE GEORGIA STATE HIGHWAY DEPARTMENT GEOMETRIC DESIGN STANDARDS - REVISED 1953.

PROVIDE ADDITIONAL SHOULDER GRADING AND BASE MATERIAL FOR CURVE WIDENING AND ELSEWHERE AS DIRECTED BY THE ENGINEER.

CURVES TO BE SUPERELEVATED IN ACCORDANCE WITH GA. STD NO. 9028-A.

ALL UTILITY FACILITIES WHICH ARE IN CONFLICT WITH CONSTRUCTION ARE TO BE REMOVED BY THE RESPECTIVE OWNERS.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE HIS WORK WITH THE WORK TO BE PERFORMED BY THE UTILITY OWNERS AND ARRANGE A SCHEDULE OF OPERATIONS THAT WILL ALLOW FOR THE COMPLETION OF THE PROJECT WITHOUT UNDUE DELAY.

The contractor will not be paid for any delays or extra expense caused by utility poles or other services not moved in advance of work.

The county, or city if incorporated, will be responsible for obtaining and furnishing all borrow pits and material pits, including top soil, sand clay and clay gravel pits.

NOTE: All concrete culverts, headwalls, steps, retaining walls, all type pavements and wooden structures, etc., except those specifically shown as a removal pay item, will be removed as clearing and grubbing.

In the event of County Contract executed for this project, clearing and grubbing - Actual is 20.0 Acres. This figure is not to be used for any bidding purposes whatsoever.

LENGTH OF PROJECTS

PROJECT NO.	STA. - STA.		LIN.FT. ROADWAY	LIN.FT. BRIDGES	EXCEPT.	REMARKS
S RRPR 1990(2) SECT. 1	0+00	18+42.00	18,200.0			
TOTAL			18,200.0			
SUMMARY - MILES						
NET LENGTH ROADWAYS			3.446			
NET LENGTH BRIDGES			0.000			
NET LENGTH PROJECT			3.446			
NET LENGTH EXCEPTIONS			0.000			
GROSS LENGTH OF PROJECT			3.446			

DETAILED ESTIMATE

ITEM NO.	ITEM	UNIT	QUAN.	QUAN.	TOTALS
	GRADING				
100-A	Clearing and Grubbing (Lump Sum)	L.S.	1.0		
104-A, 104-B	Unclassified Excavation and Earth Borrow including Waste	C.Y.	21,000		
104-E	Channel Excavation	C.Y.	109,000		
111-E	Ditch Excavation	C.Y.	5500		
112-A	Roadbed Excavation	C.Y.	728,000		
112-H	Roadway Treatment material	C.Y.	10,000		
112-J	Grading on Shoulders Treatment material	C.Y.	60,000		
116-A	Excavation for Culverts and other structures	C.Y.	1,000		
116-B	Selected Backfill for Culverts, Headwalls, Bridges	C.Y.	3600		
150-A	Class "A" Concrete Culvert	C.Y.	24.0		
150-H	Dry Rubble Stone Wall	C.Y.	455.0		
18" Cross Drain Pipe		L.F.	1150		
24" Cross Drain Pipe		L.F.	70.0		
30" Cross Drain Pipe		L.F.			
36" Cross Drain Pipe		L.F.			
48" Cross Drain Pipe		L.F.			
18" Side Drain Pipe		L.F.			
24" Side Drain Pipe		L.F.			
30" Side Drain Pipe		L.F.			
36" Side Drain Pipe		L.F.			
48" Side Drain Pipe		L.F.			
523-A	12" Pipe Culvert Under Concrete Drive Pipe (Length 18.0')	L.F.	18.0		
540-B	Culvert Pipe Removal (Lump Sum)	L.S.	1.0		
600-B	Sand Cushion for Pipe (Lump Sum)	L.S.	1.0		
600-C	6" Reinforced Concrete Drain Pipe Underdrain	L.F.	1000		
700-A	Grading Stone	Ton	1500		
700-C	Hydroseed Lime	Ton	1.0		
700-E	Fertilizer Application (Lbs. of Nitrogen)	Lb.	1500		
700-E	Second Application Fertilizer (Lbs. of Nitrogen)	Lb.	1500		
700-F	Mulch Application (Lbs. of Nitrogen)	Lb.	1500		
710	Seeding Fertilizer (Lbs. of Nitrogen)	Lb.	1500		
	SURFACING				
100-A	Clearing and Grubbing	L.S.	1.0		
104-A, 104-B	Unclassified Excavation and Earth Borrow including Waste	C.Y.	16000		
111-A	Compaction of Embankment	C.Y.	8,000		
121	Special Subgrade Compaction	S.Y.	5,000		
210-B	Class "A" Crushed Rock	Ton Mile	1,000		
112	Crushed Stone Material	C.Y.	15,000		
312-A	Cutback Asphalt Prime	Gal.	105,000		
324-A	Asphalt Cement Surface Treatment, Stone Size No. 4, Type 1	Sq. Yd.	13,000		
326-A	Asphalt Cement Bituminous Seal	Sq. Yd.	10,000		
330-A	Grading Shoulders	Sq. Yd.	15,000		
700-A	Hydroseed Lime	Ton	2.0		
700-C	First Application Fertilizer	Ton	2.0		
700-E	Second Application Fertilizer (Lbs. of Nitrogen)	Lb.	2000		
700-F	Mulch Application Fertilizer (Lbs. of Nitrogen)	Lb.	2000		

THIS FORM REVISED 4-22-57.

DIV.	STATE	P.R.P.R. PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
ONE	GA.	1990(2) SECT. 1	1957	2	1/1

Revised 1-6-58