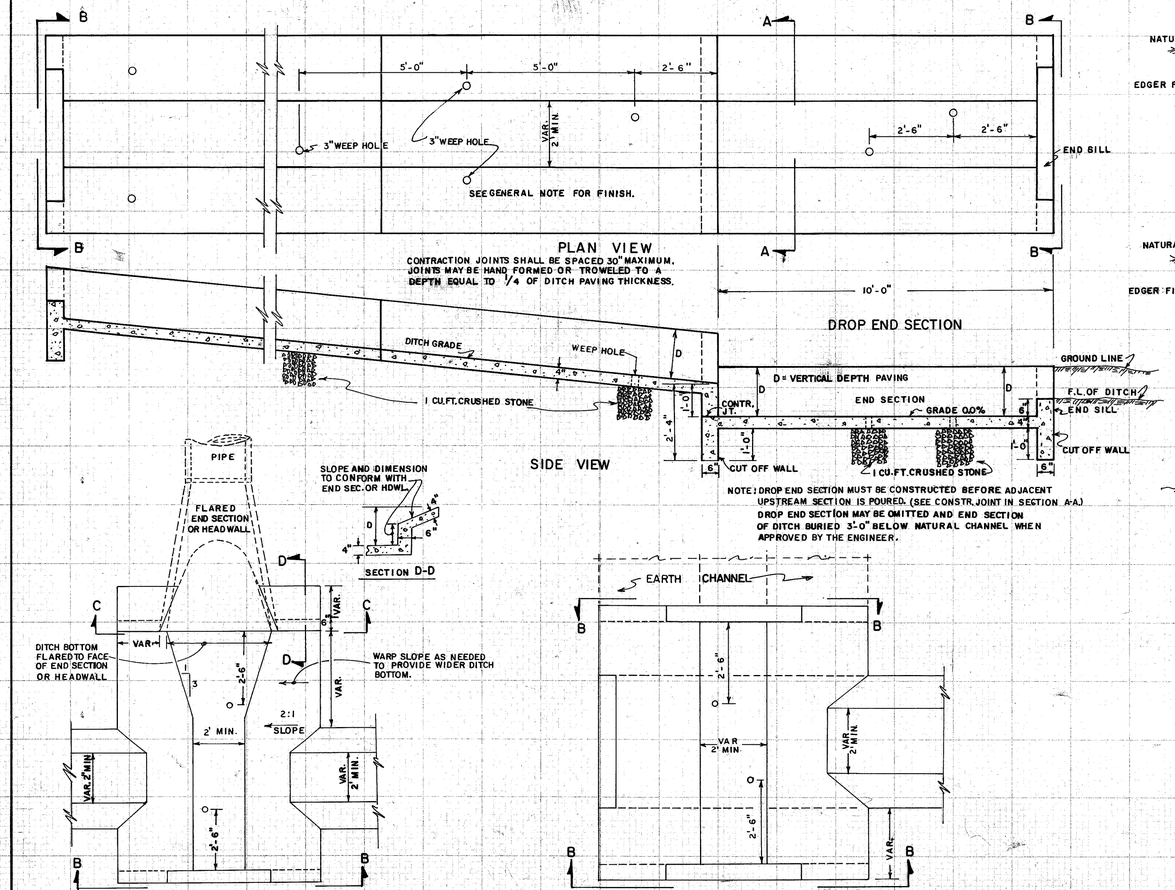
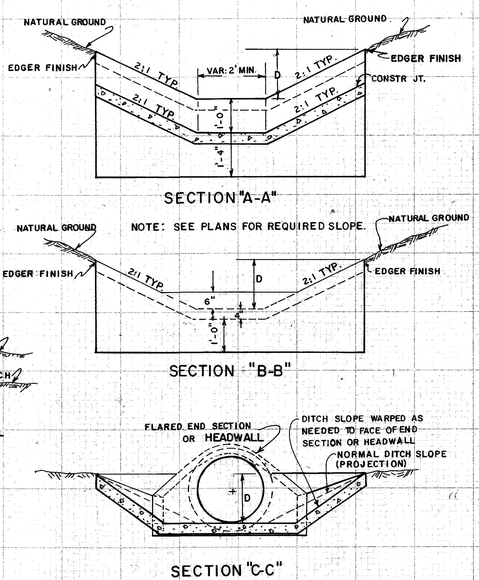
AS-BUILT PLANS - 08/30/13

TYPICAL QUANTITIES FOR 4" CONCRETE DITCH PAVING — SQ. YDS./LIN. FT.

DEPTH (feet)	8:1 FR.SL. V BOTTOM 8:1 BK.SL.	8:1 FR.SL. 2' BOTTOM 8:1 BK.SL.	8:1 FR.SL. 2' BOTTOM 4:1 BK.SL.	8:1 FR.SL. 2' BOTTOM 3:1 BK.SL.	8:1 FR.SL. 2' BOTTOM 2:1 BK.SL.	6:1 FR.SL. 2' BOTTOM 6:1 BK.SL.	6:1 FR.SL. 2' BOTTOM 4:1 BK.SL.	6:1 FR.SL. 2' BOTTOM 3:1 BK.SL.	6:1 FR.SL. 2' BOTTOM 2:1 BK.SL.	4:1 FR.SL. 2' BOTTOM 4:1 BK.SL.	4:1 FR.SL. 2' BOTTOM 2:1 BK.SL.	2:1 FR.SL. 2' BOTTOM 2:1 BK.SL.	2:1 FR.SL. 3' BOTTOM 2:1 BK.SL.	4:1 FR.SL. 4' BOTTOM 4:1 BK.SL.	4:1 FR.SL. 4' BOTTOM 2:1 BK.SL.	2:1 FR.SL. 4' BOTTOM 2:1 BK.SL.	2:1 FR.SL. 5' BOTTOM 2:1 BK.SL.	2:1 FR.SL. 6' BOTTOM 2:1 BK.SL.	2:1 FR.SL. 7' BOTTOM 2:1 BK.SL.	2:1 FR.SL. 8' BOTTOM 2:1 BK.SL.	2:1 FR.SL. 9' BOTTOM 2:1 BK.SL.	2:1 FR.SL. 10' BOTTOM 2:1 BK.SL.	2:1 FR.SL. 12' BOTTOM 2:1 BK.SL.	2:1 FR.SL. 14' BOTTOM 2:1 BK.SL.	2:1 FR.SL. 16' BOTTOM 2:1 BK.SL.	2:1 FR.SL. 18' BOTTOM 2:1 BK.SL.	2:1 FR.SL. 20' BOTTOM 2:1 BK.SL.	2:1 FR.SL. 25' BOTTOM 2:1 BK.SL.	2:1 FR.SL. 30' BOTTOM 2:1 BK.SL.	DEPTH (feet)
0.50	0.895	1.118	0.899	0.846	0.794	0.898	0.789	0.735	0.684	0.680	0.575	0.470	0.581	0.902	0.797	0.892	0.804	0.915	1.026	1.137	1.248	1.359	1.581	1.804	2.026	2.248	2.470	3.026	3.581	0.50
0.75	1.343	1.965	1.238	1.158	1.081	1.236	1.072	0.992	0.915	0.909	0.752	0.594	0.706	1.131	0.974	0.817	0.928	1.039	1.150	1.261	1.372	1.483	1.706	1.928	2.150	2.372	2.594	3.150	3.706	0.75
1.00	1.791	2.031	1.576	1.469	1.367	1.573	1.356	1.249	1.146	1.138	0.928	0.719	0.830	1.360	1.151	0.941	1.052	1.163	1.274	1.385	1.496	1.608	1.830	2.052	2.274	2.496	2.719	3.274	3.830	1.00
1.25	2.239	2.461	1.915	1.781	1.652	1.911	1.639	1.506	1.377	1.367	1.105	0.843	0.954	1.589	1.327	1.065	1.176	1.287	1.398	1.510	1.621	1.732	1.954	2.176	2.398	2.621	2.843	3.398	3.954	1.25
1.50	2.687	2.909	2.253	2.093	1.939	2.249	1.923	1.763	1.608	1.596	1.282	0.967	1.078	1.818	1.504	1.189	1.300	1.412	1.523	1.634	1.745	1.856	2.078	2.300	2.523	2.745	2.967	3.523	4.078	1.50
1.75	3.135	3.357				2.587	2.206	2.019	1.839	1.825	1.458	1.091	1.202	2.047	1.680	1.314	1.425	1.536	1.647	1.758	1.869	1.980	2.202	2.425	2.647	2.869	3.091	3.647	4.202	1.75
2.00	3.583	3.805				2.925	2.490	2.276	2.070	2.054	1.635	1.216	1.327	2.276	1.857	1.438	1.549	1.660	1.771	1.882	1.993	2.104	2.327	2.549	2.771	2.993	3.216	3.771	4.327	2.00
2.25	4.031	4.253				3.263	2.773	2.533	2.301	2.283	1.812	1.340	1.451	2.505	2.034	1.562	1.673	1.784	1.895	2.006	2.118	2.229	2.451	2.673	2.895	3.118	3.340	3.895	4.451	2.25
2.50	4.479	4.701				3.601	3.057	2.790	2.533	2.512	1.988	1.464	1.575	2.735	2.210	1.686	1.797	1.908	2.020	2.131	2.242	2.353	2.575	2.797	3.020	3.242	3.464	4.020	4.575	2.50
2.75	4.926	5.149				3.939	3.340	3.047	2.764	2.741	2.165	1.588	1.699	2.964	2.387	1.810	1.922	2.033	2.144	2.255	2.366	2.477	2.699	2.922	3.144	3.366	3.588	4.144	4.699	2.75
3.00	5.374	5.597				4.277	3.624	3.303	2.995	2.970	2.341	1.712	1.824	3.193	2.564	1.935	2.046	2.157	2.268	2.379	2.490	2.601	2.824	3.046	3.268	3.490	3.712	4.268	4.824	3.00
3.25	5.822	6.044				4.615	3.907	3.560	3.226	3.200	2.518	1.837	1.948	3.422	2.740	2.059	2.170	2.281	2.392	2.503	2.614	2.726	2.948	3.170	3.392	3.614	3.837	4.392	4.948	3.25
3.50	6.270	6.492				4.953	4.191	3.817	3.457	3.429	2.695	1.961	2.072	3.651	2.917	2.183	2.294	2.405	2.516	2.628	2.739	2.850	3.072	3.294	3.516	3.739	3.961	4.516	5.072	3.50
3.75	6.718	6.940				5.291	4.474	4.074	3.688	3.658	2.871	2.085	2.196	3.880	3.094	2.307	2.418	2.530	2.641	2.752	2.863	2.974	3.196	3.418	3.641	3.863	4.085	4.641	5.196	3.75
4.00	7.166	7.388				5.629	4.758	4.331	3.919	3.887	3.048	2.209	2.320	4.109	3.270	2.432	2.543	2.654	2.765	2.876	2.987	3.098	3.320	3.543	3.765	3.987	4.209	4.765	5.320	4.00

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			





GENERAL NOTES:

1. SPECIFICATIONS: GEORGIA STANDARD, CURRENT EDITION, & SUPPLEMENTS THERETO.
2. CONCRETE DITCH PAVING IS TO BE CONSTRUCTED TO LINES AND GRADES SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
3. PAYMENT FOR CONCRETE DITCH PAVING INCLUDES THE CUT-OFF WALL & END SILL AT INLET AND OUTLET END OF DITCH, THE CRUSHED STONE FOR WEEP HOLES, AND EXPANSION JOINT MATERIAL.
4. A DROP END SECTION WILL BE CONSTRUCTED AS 4" CONCRETE DITCH PAVING ON THE DOWNSTREAM END OF ALL PAVED DITCHES.
5. SIDE SLOPES ON PAVED BERM AND SURFACE DITCHES SHALL BE 2:1, UNLESS MODIFIED ON CONSTRUCTION TO MEET FIELD CONDITIONS. WHEN PAVING IS PLACED IN A NORMAL ROADWAY DITCH, THE SIDE SLOPES AND BOTTOM WILL CONFORM TO THOSE SHOWN ON THE ROADWAY TYPICAL SECTION.
6. WEEP HOLES SHALL BE OMITTED IN ALL SURFACE DITCHES OF THE TOP OF CUT SLOPES. WEEP HOLES SHALL BE REQUIRED IN BERM DITCHES AND ROADWAY DITCHES WHEN PAVED.
7. SURFACE FINISH SHALL BE FLOATED SUFFICIENTLY TO COVER AGGREGATE WITH MORTAR.
8. EXPANSION JOINTS ARE REQUIRED WHERE PAVED DITCH CONNECTS TO OTHER CONCRETE STRUCTURES.
9. QUANTITIES APPLY TO ANY TYPE OF DITCH REQUIRING PROTECTION. QUANTITIES MAY ALSO BE USED FOR PERMANENT SOIL REINFORCING MAT OR OTHER KINDS OF DITCH PROTECTION ITEMIZED AS SQUARE YARDS.

CONSTRUCTION DETAILS

4" CONCRETE DITCH PAVING

DETAILS & QUANTITIES

NO SCALE

JAN. 1988

D-10

FORM EF00003

THE LPA GROUP
TRANSPORTATION CONSULTANTS
3595 ENGINEERING DRIVE
NORCROSS, GEORGIA 30092
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REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: INNOVATIVE PROGRAM DELIVERY

CONSTRUCTION DETAILS

DRAWING No. 40-005