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SUPERVISED BY LARRY MOORE
DESIGNED BY DRAPER ADEN ASSOC.

PLAN
NOTEBOOK
No.

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT.

REVISED	FHWA REGION	STATE	FEDERAL AID PROJECT	ROUTE	STATE PROJECT	SHEET NO.
10/8/93 1-27-94	3	VA		11	0011-080-F05, C-502 0011-080-F05, RW-202	26

MAINTENANCE OF TRAFFIC SUMMARY

LOCATION	CHANNELIZING DEVICE GROUP II	TRAFFIC BARRIER SERVICE CONCRETE	TEMP. WIDENING		CR. RUN AGGR. No. 25 OR 26	WARNING LIGHTS	FLAGGER SERVICE	ELECTRONIC ARROW	CONSTRUCTION PAVEMENT MARKING (TY. D) 4"	CONSTRUCTION PAVEMENT MARKING (TY. C) 4"	CONSTRUCTION PAVEMENT MARKING (TY. C) 12"	CONSTRUCTION PAVEMENT MARKING (TY. D) ELONG. ARROW	CONSTRUCTION PAVEMENT MARKING (TY. C) SCHOOL ZONE	TEMPORARY PAVEMENT MARKER ONE-WAY	TEMPORARY PAVEMENT MARKER TWO-WAY	PAVEMENT MESSAGE MARKING ELONG. ARROW SINGLE	PAVEMENT MESSAGE MARKING ELONG. ARROW DOUBLE	PAVEMENT MESSAGE MARKING SCHOOL ZONE	TYPE B CLASS VI PAVEMENT LINE MARKING 4"	TYPE B CLASS IV PAVEMENT LINE MARKING 12"	TYPE B CLASS IV PAVEMENT LINE MARKING 24"	TRUCK MOUNTED CRASH CUSHION	ERADICATION OF EXISTING PAVEMENT MARKING	TRAFFIC BARRIER SERVICE CONC. PARAPET
STA. TO STA.	DAYS	LIN. FT.	TONS	TONS	TONS	DAYS	HOURS	HOURS	L.F.	L.F.	L.F.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	L.F.	L.F.	L.F.	HR.	L.F.	L.F.
ROUTE 11 270+00 - 320+04	22500	144	224	460	1000	5400	1500	120	20000	15000	375	6	4	375	250	35	4	2	20000	1040	170	120	9000	144

WORK TO BE DONE BY STATE FORCES
(NON-PARTICIPATING)

FURNISH CONSTRUCTION SIGNS	T.E.C.	
PERMANENT SIGNS	T.E.C.	

INCIDENTAL SUMMARY

SHEET NO.	LOCATION STATION TO STATION	ALLAYING DUST	HANDRAIL HR-1 (MOD.)	CONCRETE ITEMS										OBSCURING OF ROADWAY	DEMOLITION OF PAVEMENT	FIELD OFFICE TYPE I	R.O.W. MONUMENTS	CONSTRUCTION SURVEYING	TRAINEES	GUARDRAIL			MOBILIZATION
				CURB		COMB. CURB & GUTTER		PAVED DITCH	ENTR. GUTTER	MEDIAN STRIP		HYDRAULIC CEMENT CONCRETE								GR-2	TERMINAL GR-7	GR-FOA-1 TY.I	
				STD. CG-2	MOD. CG-2	STD. CG-7	RADIAL CG-7	PG-5	CG-9D	MS-1 4" & VAR.	MS-1A 4'	MS-2	SIDEWALK 4'				EXPOSED AGGR. SIDEWALK						
				L.F.	L.F.	L.F.	L.F.	S.Y.	S.Y.	S.Y.	S.Y.	L.F.	S.Y.				S.Y.			UNITS	SQ.YD.	MONTHS	
3	270+00 - 275+00			600	10	528	95		334				600	12									
4	275+00 - 283+00			411		725			701				367										
5	283+00 - 291+00			80		1154	20		309				469	12									
6	291+00 - 299+00	155				1132	314	85	98	216		36	557		15.6	389			151	2	4		
7	299+00 - 307+00					1438			119	146		417				610							
8	307+00 - 315+00					1499	73		38	135		466				740							
9	315+00 - 320+04					520					109	260				289							
	TOTAL	300	155	1091.00	10.00	6996.00	502.00	85.00	1599.00	497.00	109.00	1179.00	1993.00	24.00	15.60	5784.00	46	1		151	2	4	

REMOVE EXISTING STRUCTURES	
CLOSING WALLS	BRICK ENTRANCE WALLS
EA.	EA.
2	2

PAVEMENT SUMMARY

ROUTE 11		SURFACE		BINDER	BASE		ASPHALT PAVEMENT BUILD-UP TYPE IM-1B	FLEXIBLE PAVEMENT PLANING		SUBBASE		REMARKS
		AREA	ASPH. CONC. TYPE SM-2B	ASPH. CONC. TYPE IM-1B	ASPHALT CONC. BASE COURSE TYPE BM-2					8" AGGREGATE BASE MATERIAL TYPE I		
		SQ. YD.	TONS	TONS	AREA ^A	9.0"	TONS	STA. TO STA.	SQ. YD.	AREA	SIZE 21A or 21B	
SHEET 3	270+00 - 275+00	3720	284.2	427.8	1383	716	1057	270+00 - 275+00 NBL	1333	1771	818	SUBBASE MATERIAL TO EXTEND ONE FOOT BEHIND PROPOSED CURB.
SHEET 4	275+00 - 283+00	5511	454.7	633.8	2347	1215	763	275+00 - 280+00 NBL	1333	2983	1378	
SHEET 5	283+00 - 291+00	5649	454.7	649.6	2807	1453	1438	285+00 - 290+00 SBL	1333	3444	1591	
SHEET 6	291+00 - 299+00	5508	460.2	633.4	4049	2085	95	298+00 - 299+00 NBL	267	4580	2107	
SHEET 7	299+00 - 307+00	5318	484.0	611.6	3101	1605	337	299+00 - 307+00 NBL	2133	3737	1727	
SHEET 8	307+00 - 315+00	5369	495.3	616.9	1415	732	1162	307+00 - 314+00 NBL	1867	2015	931	
SHEET 9	315+00 - 320+04	3189	280.1	364.4	645	334	429	309+00 - 313+00 SBL	1067	980	444	
								319+75 - 320+04 NBL	136			
								319+75 - 320+04 SBL	262			
CONNECTION ROUTE 1815								270+00 - 270+25 SBL		1636	756	
297+10 RT. & LT. LAMARRE DR.	10+55.94 - 14+00	1566	122.5	180.1	1479	766				1758	812	
HOLLINS COLLEGE ENTRANCE		1479	122.5	170.1	1566	810						
ENTRANCES		2838	900.0		762					762	176	
TOTAL		40127	3976.0	4287.7	19554	9726	5281		9732	23626	10740	

* SM-2B THICKNESS TO BE 3 INCHES ON PAVED ENTRANCES INSTEAD OF 1.5 INCHES ON ROUTE 11.
^ AREAS FOR 6" BASE MATERIALS DO NOT INCLUDE THE OVERLAY ON EXISTING LANES.

① EXISTING SURFACE, AGGREGATE BASE AND SUBBASE MATERIAL WHICH WILL BE DEMOLISHED OR OBLITERATED DURING CONSTRUCTION AND WHICH IS SUITABLE FOR MAINTENANCE OF TRAFFIC, AS DETERMINED BY THE ENGINEER, SHALL BE SALVAGED AND UTILIZED FOR MAINTENANCE OF TRAFFIC PRIOR TO THE USE OF COMMERCIAL MATERIAL, WHEN NOT SPECIFIED AS A SEPERATE PAY ITEM, THE REMOVAL AND SALVAGING OF EXISTING SURFACES AND AGGREGATE BASE AND SUBBASE MATERIAL WILL BE MEASURED AND PAID FOR AS REGULAR EXCAVATION IN ACCORDANCE WITH SECTION 303 OF THE SPECIFICATIONS.

② DENOTES ITEM(S) TO BE PAID FOR ON BASIS OF PLAN QUANTITIES IN ACCORDANCE WITH CURRENT ROAD AND BRIDGE SPECIFICATIONS.