

DEL-521-0763 to DEL-521-0869		Delaware		521					
CULVERT NUMBERS		COUNTY		ROUTE NO.		S.H. NO.		SECTION	
CULVERT NOS.	DEL-521-0763	DEL-521-0783	DEL-521-0787	DEL-521-0788	DEL-521-0869				
COUNTY	Delaware	Delaware	Delaware	Delaware	Delaware				
ROUTE NO.	521	521	521	521	521				
S. H. NO.									
SECTION									
DATE BUILT	1938	1938	ext'd 1972						
TYPE	Pipe	Pipe	Slab SR. Rt.	Pipe SR. Lt.	Pipe SR. Rt.				
MATERIAL	RCP	RCP	Conc. & CMAP	CMP	CMP				
STD. DR. NO.	S-27 PC 2E3	S-27 PC 2E3	44"x24" x 19'						
SIZE	15"x38.1'	24"x58.5'	4'x2.5'x30'	15"x30'	15"x36.6'				
SKEW	0°	45° LF	0°						
ALIGNMENT	Tan.	Tan.	Tan.						
TYPE HEADWALLS	Stone	None	conc block fwd None	None	Conc. SR.				
TYPE WINGS	None	None	None	None	None				
ANGLES OF WINGS	-	-	-						
FLOW LINE TO SURFACE	2.1'	3'	3.0'	2.4'	3.8'				
ROADBED WIDTH	28'	28'	26'						
CONDITION	Good	Good	Good	Fair	Good				
IS SIZE ADEQUATE?	yes	yes	yes	yes	yes				
IS TYPE SATISFACTORY?	yes	yes	yes	yes	yes				
GRADE OF FLOW LINE	0.5%	0.6%	1.0%	1.0%	1.0%				
REMARKS	Conc. Cradle Rt. & Lt.	Conc. Cradle Rt. & Lt.	Co. Rd. 35	Co. Rd. 35	Co. Rd. 35				
			44" X 24" galv. CMAP EXTS TO TOTAL 49' IN 1972 - 5' block hdwl fwd - 15" CMP SR spurs fwd & rear						
	34+00	6.493	44+20	6.686	46+63.15	6.734	46+63.15	6.734	398+66 7.550

MILE POST OF ROUTE JUNCTIONS AND CULVERTS COMMON TO OTHER ROUTES TO BE GIVEN BELOW.

Sta. 46+63.15 FAS 22 A0) = Sta. 355+48.15

CULVERT NUMBERS	COUNTY	ROUTE NO.	S.H. NO.	SECTION

CULVERT NOS.	DEL-521-0870	DEL-521-0901	DEL-521-0958	AT BRIDGE.
COUNTY	Delaware	Delaware	Delaware	
ROUTE NO.	521	521	521	
S. H. NO.				
SECTION				
DATE BUILT		Ext. 1961	1959	
TYPE	Pipe SR. Lt.	Pipe	Pipe	
MATERIAL	CMP	Bit. CMP	RCP	
STD. DR. NO.				
SIZE	15"x30.4'	18"x48'	18"x83'	
SKEW		0°	0°	
ALIGNMENT		Tan.	Tan.	
TYPE HEADWALLS	Stone	None	PC-4 Endwalls	
TYPE WINGS	None	None	None	
ANGLES OF WINGS	-	-	-	
FLOW LINE TO SURFACE	2.2'	Lt. 2.90', Rt. 3.20'	11.5'	
ROADBED WIDTH		25'	38'	
CONDITION	Good	Good	Good	
IS SIZE ADEQUATE?	yes	yes	yes	
IS TYPE SATISFACTORY?	yes	yes	yes	
GRADE OF FLOW LINE	1%	-0.62% Rt.	-0.36% Rt.	
REMARKS	Ditch outlet 8" lower than flow line.	original 26' Ext. 10' Rt. & 12' Lt. 1961 Contr.		
	398+66 7.550	415+42 7.867	43+06 9.580	

MILE POST OF ROUTE JUNCTIONS AND CULVERTS COMMON TO OTHER ROUTES TO BE GIVEN BELOW:-

Begin Work Proj. 541(1957) I-1105(9) Sta. 38+00=9484 Begin new pav't. Sta. 39+55
Tie-in 12"x24.6' CMP culvert @ Sta. 43+06 (old Sta. 445+62)=9.580 mi. (culvert replaced)

CULVERT NUMBERS	COUNTY	ROUTE NO.	S. H. NO.	SECTION
DEL-521-0870 to DEL-521-0958	Delaware	521		