

MUSKINGUM COUNTY
MUS-156-2.85

REINFORCING STEEL LIST																	
MARK	No. REQD	LENGTH	SHAPE	WEIGHT	BENDING DIAGRAMS	MARK	No. REQD	LENGTH	SHAPE	WEIGHT	BENDING DIAGRAM	MARK	No. REQD	LENGTH	SHAPE	WEIGHT	BENDING DIAGRAMS
SUPERSTRUCTURE						ONE ABUTMENT						ONE PIER					
5601	270	36'-8"	Str.	14,870		A801	10	35'-1"	Str.	937		P1001	8	19'-2"	Str.	660	
5602	265	33'-0"	Str.	13,135		A802	6	7'-1"	Str.	113		P1002	4	21'-6"	Bent	370	
5603	44	24'-0"	Str.	1,586		A803	6	5'-9"	Str.	92		P601	4	11'-5"	Bent	69	
5501	270	36'-8"	Str.	10,326		A601	24	14'-0"	Bent	505		P602	11	16'-9"	Bent	277	
TOTAL SUPERSTRUCTURE					39,917	A602	28	6'-3"	Str.	263		P501	22	14'-9"	Str.	338	
REPLACEMENT STEEL						A501	10	22'-5"	Str.	234		P502	22	7'-8"	Bent	176	
RE1001	1	7'-3"	Str.			A502	22	9'-9"	Bent	224		P503	4	18'-4"	Str.	76	
RE801	1	6'-6"	Str.			A503	22	11'-9"	Bent	270		P504	2	27'-7"	Str.	58	
RE701	1	6'-3"	Str.			A504	30	4'-5"	Bent	138		P505	2	17'-9"	Str.	37	
RE601	2	5'-11"	Str.			A505	20	5'-6"	Bent	177		P506	4	10'-9"	Bent	45	
RE501	1	5'-7"	Str.			A506	1	6'-1"	Str.	6		P507	4	10'-1"	Bent	42	
TOTAL REINF STEEL					58,253	A507	1	4'-9"	Str.	5		P508	4	9'-5"	Bent	39	
						TOTAL ONE ABUT.					2,964	TOTAL ONE PIER					6,204
						TOTAL TWO ABUT.					5,928	TOTAL TWO PIERS					12,408

NOTES

Bar Size is indicated in the bar mark. The first digit where three digits are used, and the first two digits where four are used, indicate the bar size number. For example, A601 is a No. 6 size bar and P1001 is a No. 10 size.

Replacement Bars: If reinforcing bars are fabricated from stock which has previously been tested by the Ohio Highway Testing Laboratory, test samples as provided in Sec. S-4.02 need not be furnished and replacement bars will not be required.

REVISION	DATE	DESCRIPTION	BY
U. S. ARMY ENGINEER DISTRICT, HUNTINGTON CORPS OF ENGINEERS HUNTINGTON, W. VA.			
DRAWN BY: KDD		LICKING RIVER DILLON RESERVOIR PROJECT RELOCATION OF OHIO STATE ROUTE NO. 156 (SECTION 3 & 4) REINFORCING STEEL LIST BRIDGE NO. MUS-156-0319 STATE ROUTE NO. 156 OVER BIG RUN	
TRACED BY: WDJ			
CHECKED BY: WK			
SUBMITTED BY: Edmund S. Barrett			
ELMER S. BARRETT ASSOCIATES			
RECOMMENDED BY: James J. Barrett		APPROVED BY: C. E. DISTRICT ENGINEER	
CHIEF ENG. DIV.		DATE: JULY 1959	
ELMER S. BARRETT ASSOCIATES CONSULTING ENGINEERS CHILLICOTHE, OHIO		SCALE: 1" = 10'-0" SPEC. NO. 027f-UD6-68/54 SHEET 54 OF 62	