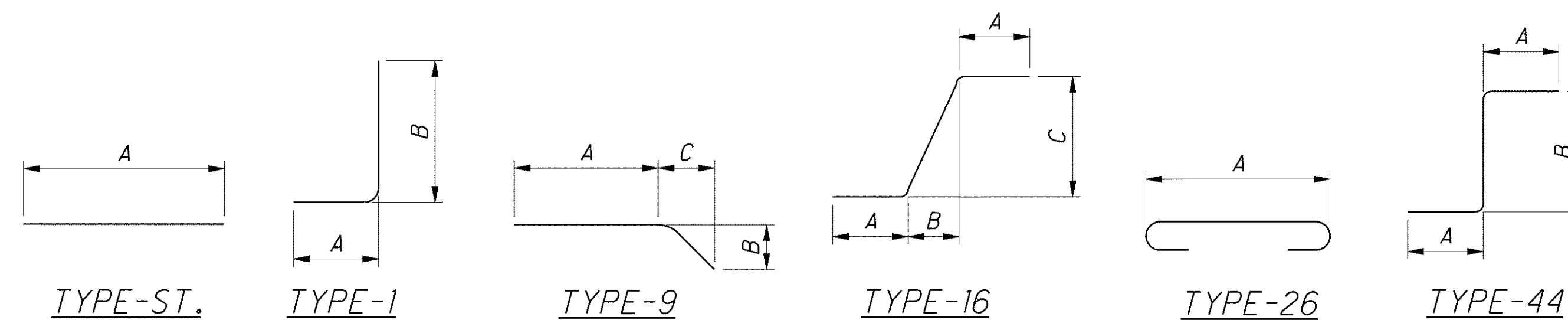


REINFORCING SCHEDULE											
BAR MARK	NO. REQUIRED		BAR LENGTH	BAR TYPE	DIMENSIONS					WEIGHT LBS.	
	STAGE 1	TOTAL			A	B	C	D	E		INCR.
RETAINING WALL 3											
F501	1008	1008	30' - 0"	ST.	30' - 0"						31,540
F502	24	24	29' - 2"	ST.	29' - 2"						730
SERIES	2 SETS	2 SETS	40' - 5"								
F503	OF 12	OF 12	40' - 6"	9	13' - 6"	4' - 10" TO 5' - 2"	26' - 6"				1,012
F504	862	862	11' - 3"	1	2' - 0"	9' - 4"					10,077
F505	12	12	7' - 3"	44	2' - 5"	2' - 8"					91
F506	12	12	8' - 4"	16	2' - 5"	2' - 6"	2' - 7"				105
F507	24	24	11' - 0"	ST.	11' - 0"						275
F601	824	824	17' - 0"	26	15' - 8"						21,040
F701	1065	1065	17' - 4"	26	15' - 8"						37,732
F702	4	4	17' - 4"	26	15' - 8"						142
F801	1957	1957	11' - 2"	1	2' - 0"	9' - 4"					58,130
F802	865	865	17' - 6"	26	15' - 8"						40,417
WA501	1012	1012	29' - 8"	ST.	29' - 8"						31,314
WA502	52	52	25' - 8"	ST.	25' - 8"						1,392
WA503	559	559	13' - 10"	ST.	13' - 10"						8,065
WA504	26	26	27' - 1"	ST.	27' - 1"						734
WA505	241	241	16' - 2"	ST.	16' - 2"						4,064
WA506	60	60	24' - 2"	ST.	24' - 2"						1,512
WA507	63	63	17' - 6"	ST.	17' - 6"						1,150
WA508	30	30	23' - 6"	ST.	23' - 6"						735
WA601	1091	1091	13' - 10"	ST.	13' - 10"						22,668
WA602	686	686	16' - 2"	ST.	16' - 2"						16,658
WA603	180	180	17' - 6"	ST.	17' - 6"						4,731
TOTAL RETAINING WALL 3 WEIGHT (LBS.)										294,316	

PARTICIPATION		ESTIMATED QUANTITIES					AS PER PLAN		
I REHAB	II TRAC	ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	WALL	STRUCTURE SHEET NO.	
		5140	503	21101	5,140	CU. YD.	UNCLASSIFIED EXCAVATION, AS PER PLAN	5,140	9
		2165	503	21102	2,165	CU. YD.	UNCLASSIFIED EXCAVATION, INCLUDING SHALE	2,165	
		294316	509	10000	294,316	POUND	EPOXY COATED REINFORCING STEEL	294,316	
		3507	511	46200	3,507	CU. YD.	CLASS C CONCRETE	3,507	
		1974	512	10101	1,974	SO. YD.	SEALING OF CONCRETE SURFACES (EPOXY URETHANE), AS PER PLAN	1,974	8
		257	512	33000	257	SO. YD.	TYPE 2 WATERPROOFING	257	
		507	516	13600	507	SO. FT.	1" PREFORMED EXPANSION JOINT FILLER	507	
		1150	518	21200	1,150	CU. YD.	POROUS BACKFILL WITH FILTER FABRIC	1,150	



NOTES

- ALL REINFORCING BARS SHALL BE EPOXY COATED.
- ALL REINFORCING STEEL BARS SHALL BE A MINIMUM 2" CLEAR FROM FACE OF CONCRETE UNLESS NOTED.

BAR MARK LEGEND

F = FOOTING
WA = RETAINING WALL

GENERAL NOTES

ABBREVIATIONS

N.F. = NEAR FACE	P.E.J.F. = PREFORMED EXPANSION JOINT FILLER
F.F. = FAR FACE	C.P.P. = CORRUGATED PLASTIC PIPE
E.F. = EACH FACE	BOTT. = BOTTOM
TYP. = TYPICAL	INV. = INVERT
MIN. = MINIMUM	M.O.T. = MAINTENANCE OF TRAFFIC
STA. = STATION	FWD. = FORWARD
SPA. = SPACES	CONC. = CONCRETE
CONST. = CONSTRUCTION	EA. = EACH
APPR. = APPROACH	HMWM = HIGH MOLECULAR WEIGHT METHACRYLATE
EL. = ELEVATION	STD. = STANDARD
C.I.P. = CAST-IN-PLACE	DWG. = DRAWING
BRG. = BEARING	DIA. = DIAMETER
EX. = EXISTING	(R) = TO BE REMOVED
PH. = PHASE	(TBR) = TO BE RELOCATED
A.P.P. = AS PER PLAN	FRE = FIBERGLASS REINFORCED EPOXY
R.A. = REAR ABUTMENT	SW = STANDARD WALL
F.A. = FORWARD ABUTMENT	
I.D. = INSIDE DIAMETER	
O.D. = OUTSIDE DIAMETER	

DESIGN SPECIFICATIONS

THIS STRUCTURE CONFORMS TO "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 17th EDITION, 2002 AND THE O.D.O.T. BRIDGE DESIGN MANUAL.

DESIGN DATA

CONCRETE:
CLASS C CONCRETE - COMPRESSIVE STRENGTH 4000 P.S.I.
REINFORCING STEEL:
ASTM A615 OR A996, GRADE 60, MINIMUM YIELD STRENGTH 60,000 P.S.I.

FOOTINGS

FOOTINGS SHALL EXTEND A MINIMUM OF 3 INCHES INTO BEDROCK OR TO THE ELEVATION SHOWN, WHICHEVER IS LOWER.

FOUNDATION BEARING PRESSURE

THE RETAINING WALL FOOTINGS ALLOWABLE BEARING PRESSURE IS 2.25 TONS PER SQUARE FOOT. THE RETAINING WALL FOOTINGS ACTUAL BEARING PRESSURE IS 1.64 TONS PER SQUARE FOOT.

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DESIGN AGENCY: **ARCADIS**
 ARCADIS U.S., Inc.
 100 Superior Avenue, Suite 1250 Cleveland, Ohio 44114
 Tel: 216-781-6177 Fax: 216-781-6243 www.arcadis-us.com
 DATE: 5/07
 REVISION: EJA
 DRAWN: SMG
 CHECKED: RBB
 GENERAL NOTES, QUANTITIES, AND REINFORCING STEEL SCHEDULE
 RETAINING WALL 3
 LAK-2-3.32
 PID 13486
 1/9
 957
 1679