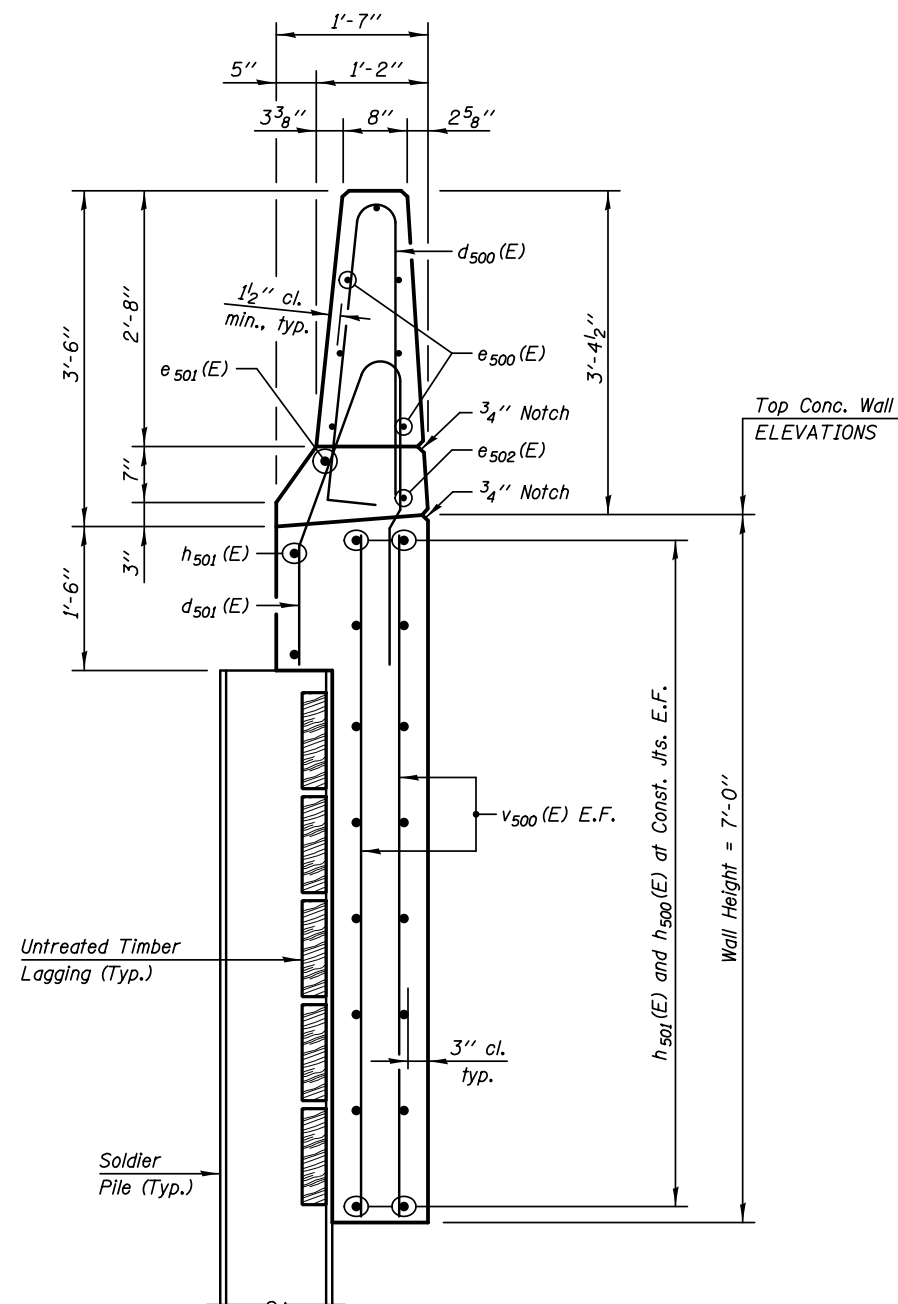
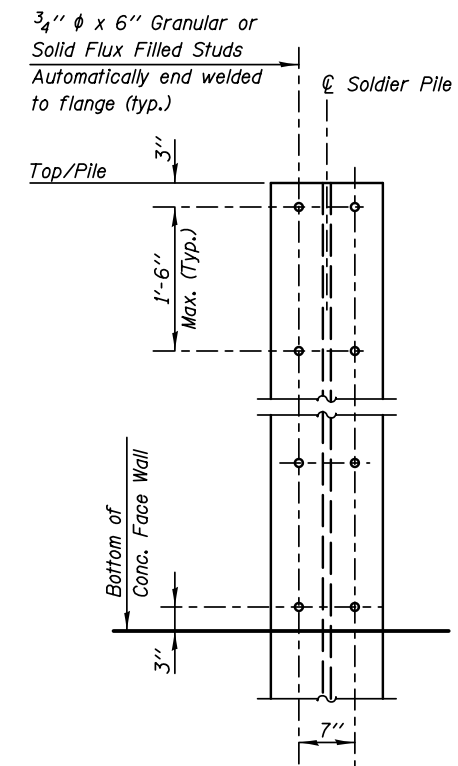


BILL OF MATERIAL

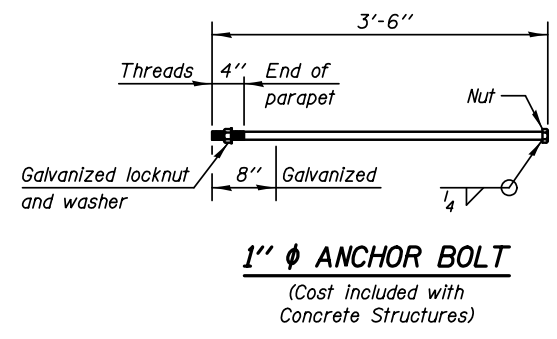
BAR	NO.	SIZE	LENGTH	SHAPE
d500(E)	112	#5	6'-10"	
d501(E)	112	#5	6'-1"	
e500(E)	28	#4	24'-8"	
e501(E)	4	#8	28'-6"	
e502(E)	4	#4	26'-6"	
h500(E)	32	#5	6'-0"	
h501(E)	72	#5	24'-8"	
v500(E)	208	#4	6'-8"	
Structure Excavation			Cu. Yd.	58.0
Concrete Structures			Cu. Yd.	46.0
Stud Shear Connectors			Each	200
Concrete Sealer			Sq. Ft.	1511.0
Reinforcement Bars, Epoxy Coated			Pound	5330
Drilling and Setting Soldier Piles (In Soil)			Cu. Ft.	2842.0
Furnishing Soldier Piles (HP14x117)			Foot	560.0



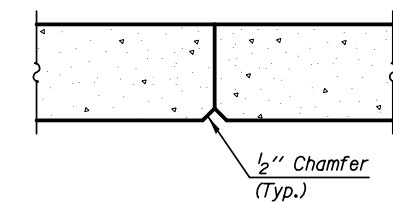
TYPICAL WALL SECTION



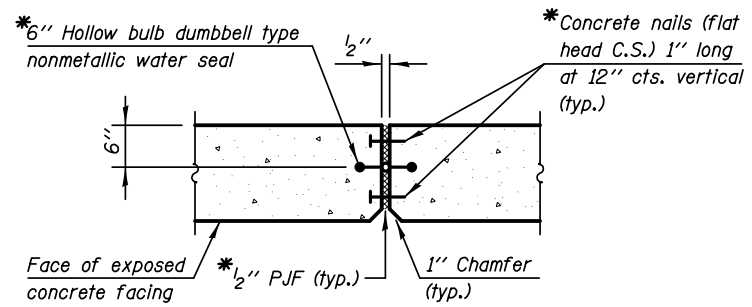
STUD SHEAR CONNECTORS LAYOUT



1" ANCHOR BOLT
(Cost included with Concrete Structures)

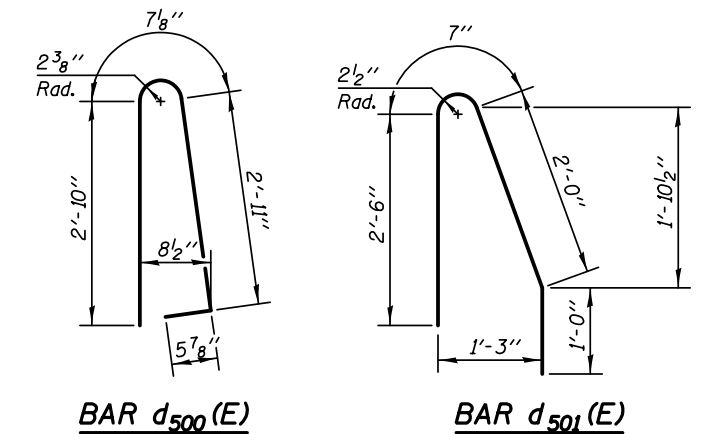


WALL CONSTRUCTION JOINT DETAIL



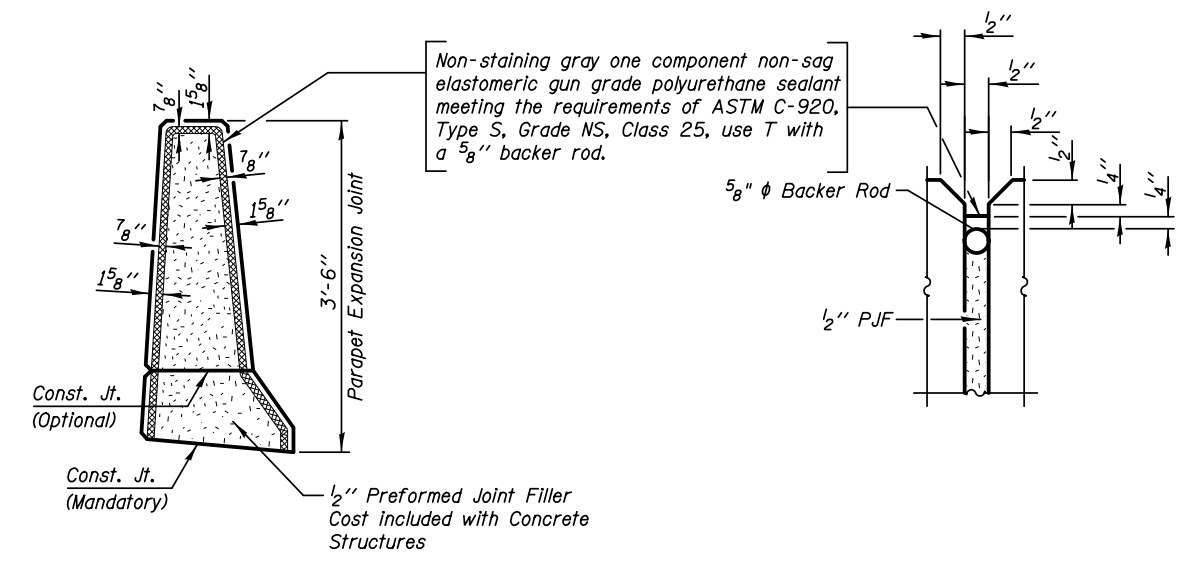
WALL EXPANSION JOINT DETAIL

* Cost included with "Concrete Structures".



BAR d500(E)

BAR d501(E)



PARAPET JOINT DETAILS

LEGEND:
E.F. Each Face
P/JF Preformed Joint Filler

KNIGHT
Engineers & Architects

DESIGNED - TB	REVIS
CHECKED - WPM	REVIS
DRAWN - TB	REVIS
CHECKED - WPM	REVIS
SCALE - NONE	
DATE - 10/15/2012	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WALL SECTIONS AND DETAILS
STRUCTURE NUMBER 022-W067 TOLLWAY WALL EW123.5R,EB(R)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	687
CONTRACT NO. 60I31				

SHEET NO. SF-4 OF 5 SHEETS

ILLINOIS FED. AID PROJECT