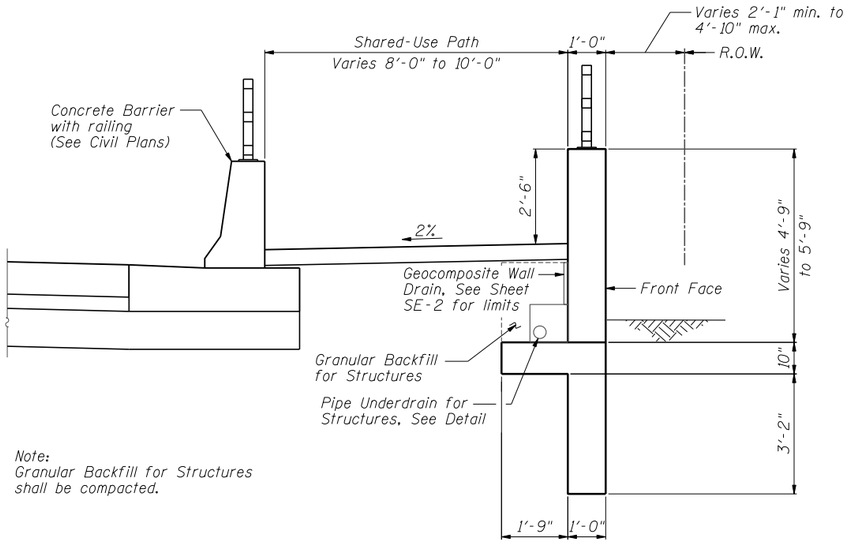
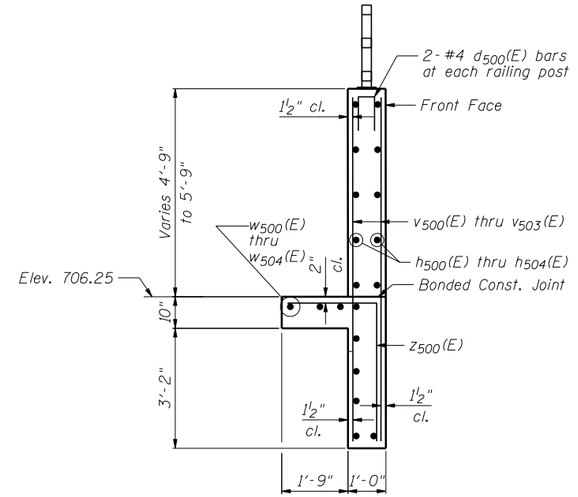


Note:
Granular Backfill for Structures shall be compacted.

TYPICAL SECTION

Sta. 4035+96.64 to Sta. 4039+75.26



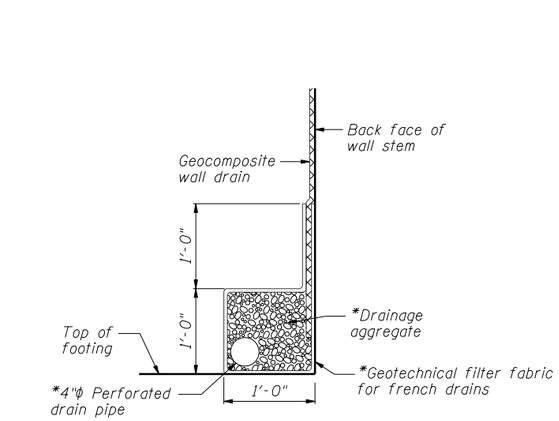
SECTION A-A

Maximum Soil Bearing Pressure = 840 psf

BILL OF MATERIAL

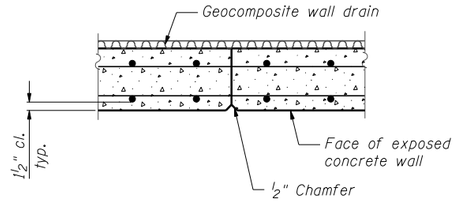
Bar	No.	Size	Length	Shape
d_{500}(E)	84	#4	2'-1"	⊓
h_{500}(E)	20	#4	28'-5"	—
h_{501}(E)	160	#4	27'-11"	—
h_{502}(E)	60	#4	24'-8"	—
h_{503}(E)	20	#4	27'-11"	╲
h_{504}(E)	20	#4	27'-11"	╲
v_{500}(E)	314	#4	9'-5"	—
v_{501}(E)	156	#4	9'-1"	—
v_{502}(E)	156	#4	8'-9"	—
v_{503}(E)	156	#4	8'-5"	—
w_{500}(E)	3	#5	29'-0"	—
w_{501}(E)	33	#5	28'-6"	—
w_{502}(E)	3	#5	28'-8"	╲
w_{503}(E)	3	#5	28'-8"	╲
w_{504}(E)	3	#5	24'-8"	—
z_{500}(E)	391	#4	6'-1"	⌐

Item	Unit	Quantity
Concrete Structures	Cu. Yd.	151.7
Reinforcement Bars, Epoxy Coated	Pound	12,720
Pipe Underdrains for Structures, 4"	Foot	165
Geocomposite Wall Drain	Sq. Yd.	26
Granular Backfill for Structures	Cu. Yd.	54

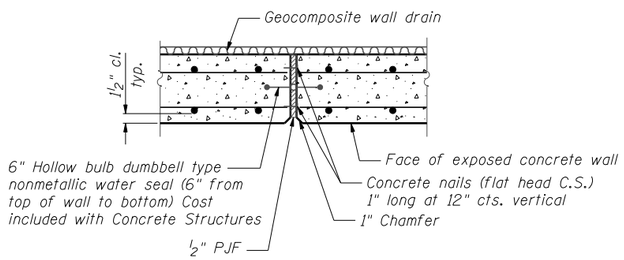


PIPE UNDERDRAIN DETAIL

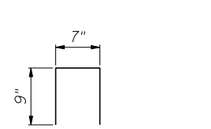
*Included in the cost of "Pipe Underdrains for Structures"
Limits of Pipe Underdrains are from St. 4038+25.33 to Sta. 4039+75.26



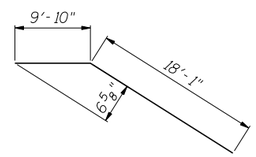
CONSTRUCTION JOINT DETAIL



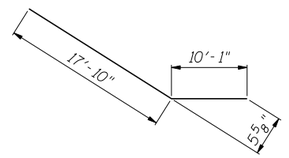
EXPANSION JOINT DETAIL



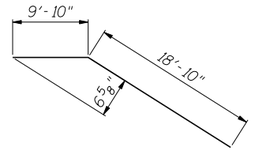
BAR d500(E)



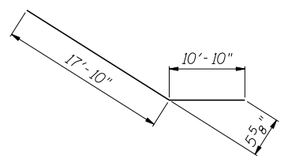
BAR h503(E)



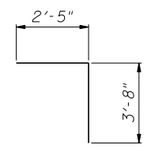
BAR h504(E)



BAR w502(E)



BAR w503(E)



BAR z500(E)

FILE NAME = ...\60R31-W054-006-Wall5SecDet.dgn

ZROKA engineering — Zroka Engineering, P.C. 4216 North Hermitage Chicago, IL 60613		DESIGNED - LAS	REVISED -
		CHECKED - DAZ	REVISED -
	SCALE - NONE	DRAWN - SAW	REVISED -
	DATE - 12/14/2012	CHECKED - LAS	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WALL SECTION & DETAILS
STA. 4035+96.64 TO STA. 4039+75.26 SN 022-W054
SHEET NO. SE-6 OF SE-8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-6	DUPAGE	734	536
		CONTRACT NO. 60R31		
	ILLINOIS FED. AID PROJECT			