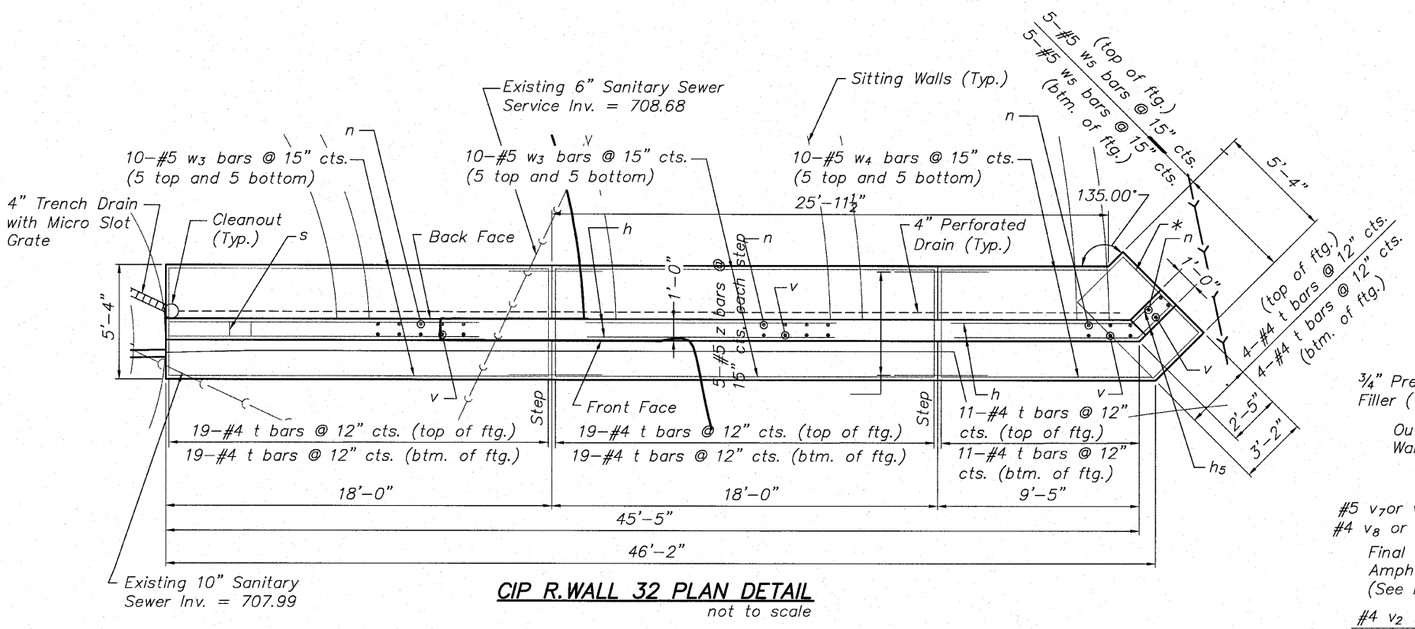
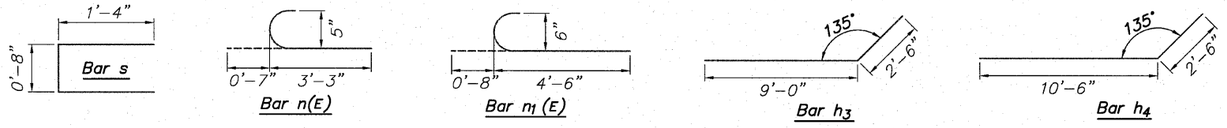
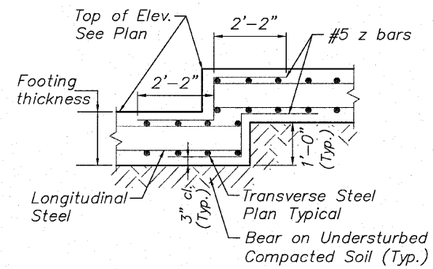
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



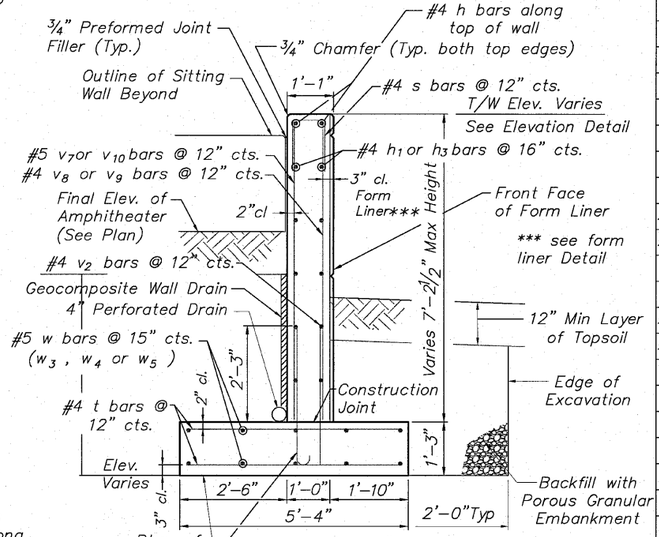
CIP R.WALL 32 PLAN DETAIL
not to scale





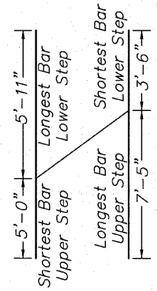
TYPICAL WALL FOOTING STEP DETAIL

CIP R.WALL 32 ELEVATION DETAIL
not to scale

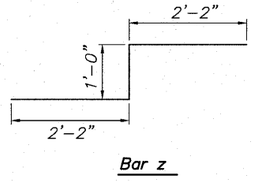


SECTION F–F
not to scale

Note:
Exposed Surfaces Not Covered By Form Liner to Receive Rubbed Finish



BAR v7 & v8 CUT DIAGRAM



Bar z

* Field cut bars & use remaining balance in opposite end.

BILL OF MATERIALS
For Wall 31 and Wall 32

Bar	No.	Size	Length	Shape
h	8	#4	23'–8"	——
* h_1	28	#4	19'–8"	——
* h_2	14	#4	27'–0"	——
* h_3	28	#4	11'–6"	—/
* h_4	2	#4	13'–0"	—/
* h_5	2	#4	5'–2"	—/
n(E)	67	#5	3'–10"	C——
$n(E)_1$	45	#6	5'–2"	C——
s	105	#4	3'–4"	⊏
t	144	#4	5'–0"	——
t_1	49	#6	7'–8"	——
t_2	36	#5	7'–8"	——
* v	9	#4	10'–9"	——
* v_1	9	#5	10'–9"	——
v_2	105	#4	3'–3"	——
* v_3	15	#5	18'–9"	——
* v_4	12	#4	18'–7"	——
** v_5	15	#5	11'–1"	——
** v_6	14	#4	11'–1"	——
* v_7	18	#5	10'–11"	——
* v_8	18	#4	10'–11"	——
** v_9	18	#4	7'–6"	——
** v_{10}	18	#5	7'–6"	——
w	10	#5	17'–8"	——
w_1	14	#5	29'–4"	——
w_2	14	#5	10'–4"	——
w_3	20	#5	18'–8"	——
w_4	10	#5	9'–8"	——
w_5	10	#5	3'–0"	—
z	30	#5	5'–4"	⊐

Class SI Concrete	Cu. Yd.	60.0
Reinforcement Bars	Pound	5,265
Reinforcement Bars (Epoxy Coated)	Pound	617
Form Liner–1" Ashler	Sq. Ft.	299.4
4" Perforated Drain	Foot	88
Rubbed Finish	Sq. Ft.	384.5
POROUS GRANULAR EMBANKMENT	Cu. Yd.	162.2
GEOCOMPOSITE WALL DRAIN	Sq. Yd.	49.9

** Field cut bar(s) to fit

C.I.P. WALL No. 32
ELEVATION & DETAILS
RIVERWALK AMPHITHEATER
WINNEBAGO COUNTY
SECTION NO. 06–00543–00–BT
STATION 305+38.64

DESIGNED	CTB
CHECKED	AAG
DRAWN	JAW
CHECKED	JWH

- 2010
EXAMINED
ENGINEER OF BRIDGE DESIGN
PASSED
ENGINEER OF BRIDGES AND STRUCTURES

McClure Engineering Associates, Inc.
7282 Argus Drive (815) 398–2332
Rockford, Illinois 61107–5837 Fax (815) 398–2496
Design Firm License: Illinois#184–000815

SHEET NO. 3
5 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06–00543–00–BT	WINNEBAGO	148	53
		CONTRACT NO.		85521
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

I:\Riverwalk Museum\DES\GN\DRAWINGS\STRUCTURAL\GR8E\ill-008 Amphitheater.dwg, AMPH DETAIL2, 8/31/2010 12:56:26 PM, 2E D= 24X36 in (Portrait), 1:1