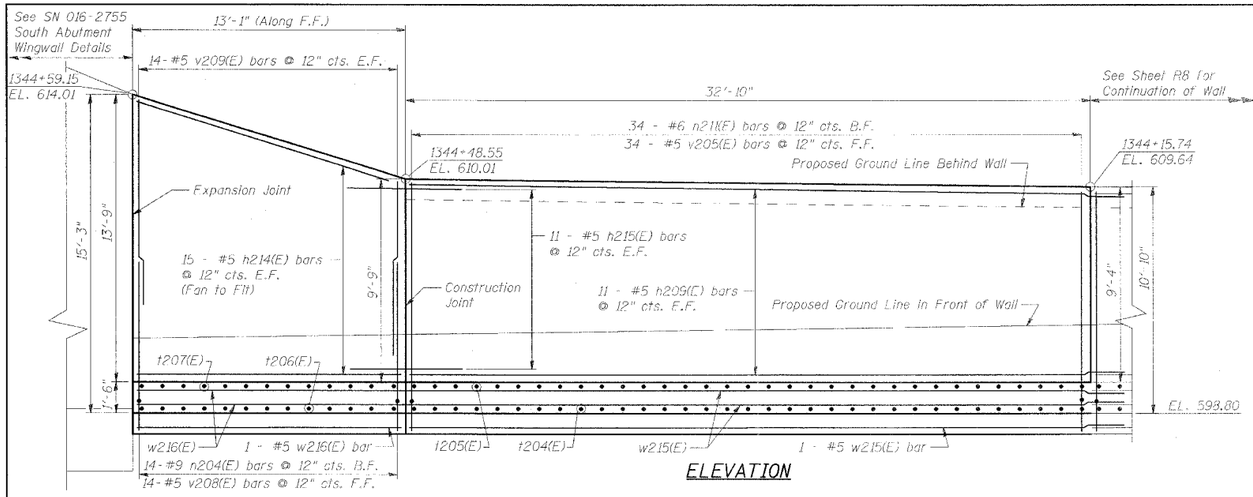
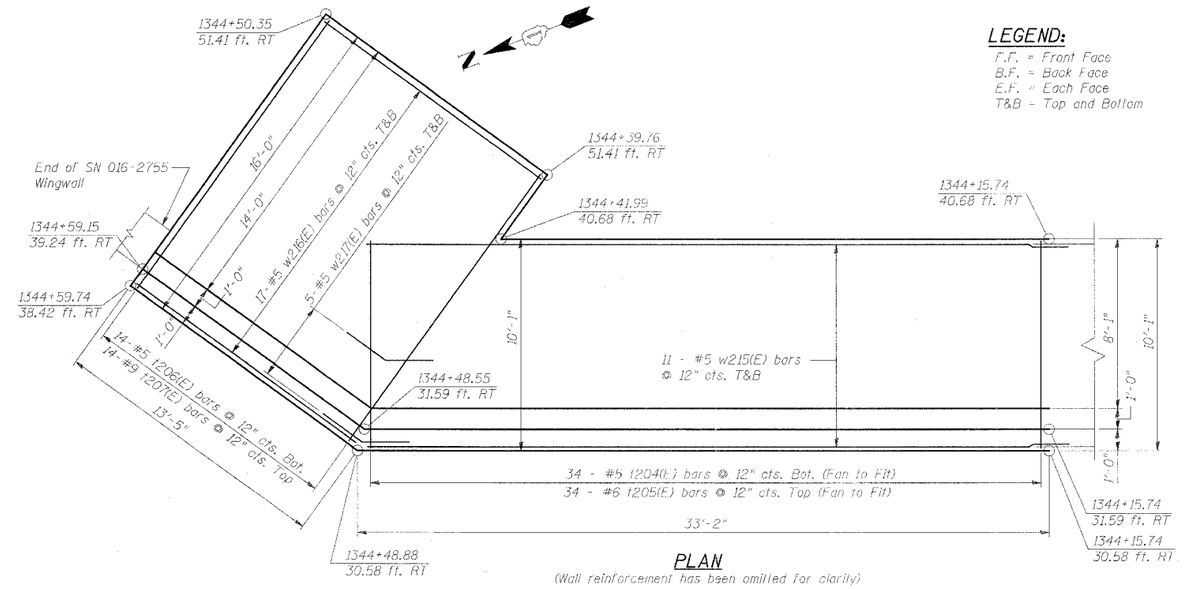
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2008-001VB	COOK	579	497
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 60E10



ELEVATION



PLAN

(Wall reinforcement has been omitted for clarity)

Back Face of Wall Stem

Top of Footing

NOTES:

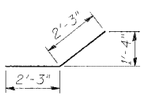
1. Work this Sheet with Sheet R8.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Concrete clear cover shall be 2" minimum unless noted otherwise.
4. All edges shall have standard $\frac{3}{4}$" chamfers except as noted.
5. Min. Lap for Bar #5 = 2'-2".
6. Walls must only be built when Metra is operating on temporary shoo-flies. Cutting into the embankment along Metra tracks will not be permitted when rail loading is present.
7. For railing, see Railing Details sheet.
8. Excavation for placing Porous Granular Embankment is included in cost of Structure Excavation. Porous Granular Embankment shall be compacted to 95% Modified Proctor Density and its coarse aggregate gradation shall be CA 18.
9. Any additional area excavated beyond pay limits for Structure Excavation shall also be backfilled with Porous Granular Embankment. Furnishing and placing of this portion of that material will not be measured for payment.
10. Surface of embankment shall be covered with re-used or new granular surface material. See special provisions "Collect and Re-use Granular Surface Material" and "Granular Surface Material". For quantity of Granular Surface Material see Track Construction General Plan Permanent Alignment.

LEGEND:

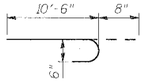
F.F. = Front Face
B.F. = Back Face
E.F. = Each Face
T&B = Top and Bottom

BILL OF MATERIAL

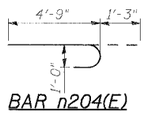
Bar	No.	Size	Length	Shape
h209(E)	22	#5	34'-11"	
h214(E)	30	#5	12'-9"	
h215(E)	22	#5	4'-6"	
n204(E)	14	#9	6'-0"	
n211(E)	34	#6	11'-2"	
t204(E)	34	#5	9'-9"	
t205(E)	34	#6	9'-9"	
t206(E)	14	#5	15'-8"	
t207(E)	14	#9	15'-8"	
v205(E)	34	#5	11'-5"	
v208(E)	14	#5	4'-9"	
v209(E)	28	#5	10'-3"	
w215(E)	23	#5	33'-8"	
w216(E)	35	#5	13'-1"	
w217(E)	10	#5	1'-6"	
Structure Excavation		Cu Yd	256.4	
Concrete Structures		Cu Yd	48.9	
Pipe Underdrain for Structures 4"		Foot	46	
Reinforcement Bars, Epoxy Coated		Pound	6090	
Geocomposite Wall Drain		Sq Yd	41.7	
Porous Granular Embankment		Cu Yd	262.3	



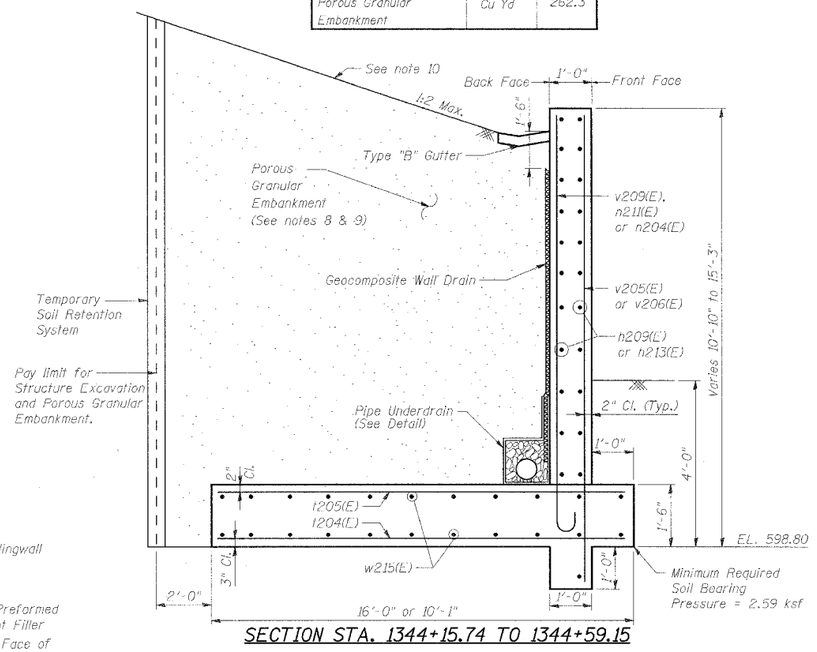
BAR h215(E) & w217(E)



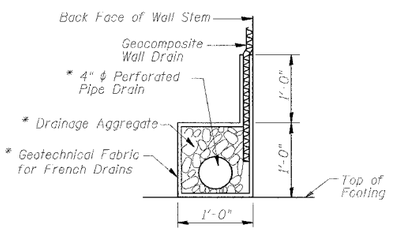
BAR n211(E)



BAR n204(E)

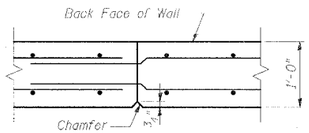


SECTION STA. 1344+15.74 TO 1344+59.15

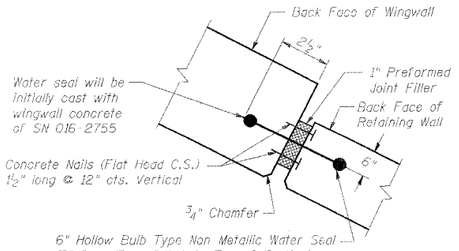


PIPE UNDERDRAIN DETAIL

* Included in the cost of "Pipe Underdrains For Structures"



CONSTRUCTION JOINT DETAIL



EXPANSION JOINT DETAIL

(Cost included with Concrete Structures)

URS
100 S. WACKER DR., SUITE 500
CHICAGO, ILLINOIS 60606
TEL. (312) 939-1000
FAX (312) 939-4198

SHEET R7 OF R12

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
US RTE 6 FROM LEXINGTON AVE TO FISK AVE

PARK AVE. RETAINING WALL
STA. 1343+82.93 TO STA. 1344+48.55

DRAWN BY MAD
DATE 02/21/08 CHECKED BY JPB