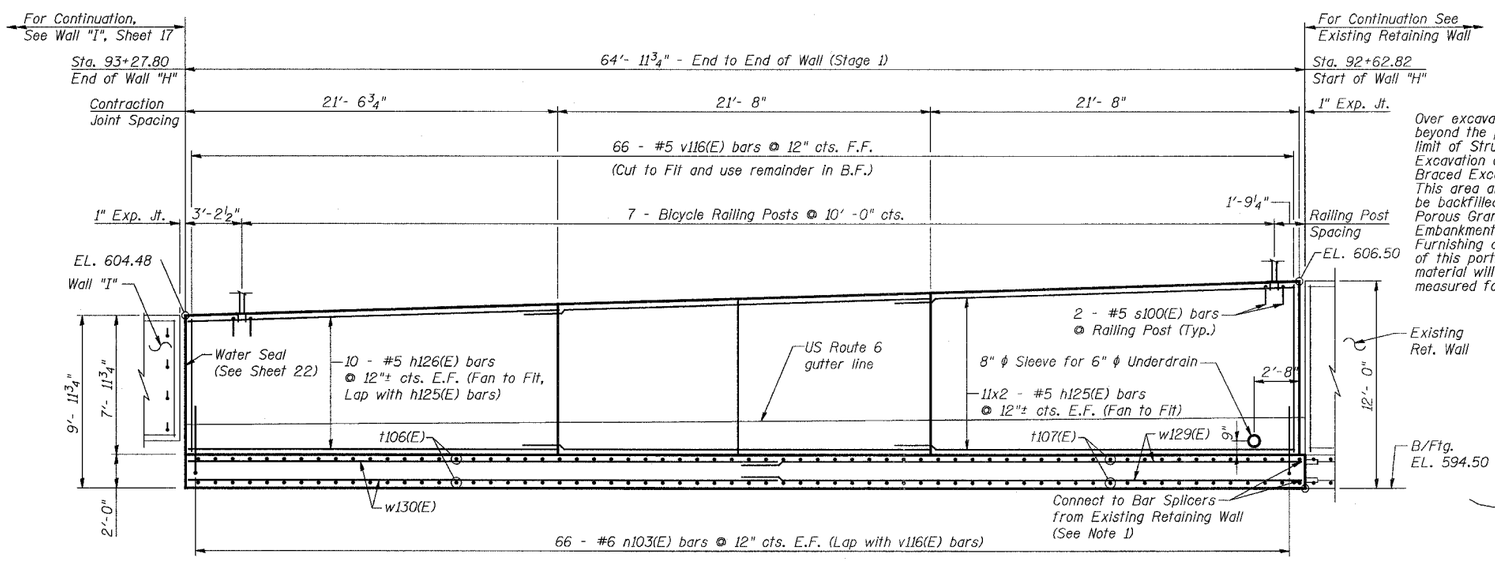
3/13/2008 6:07:04 PM

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

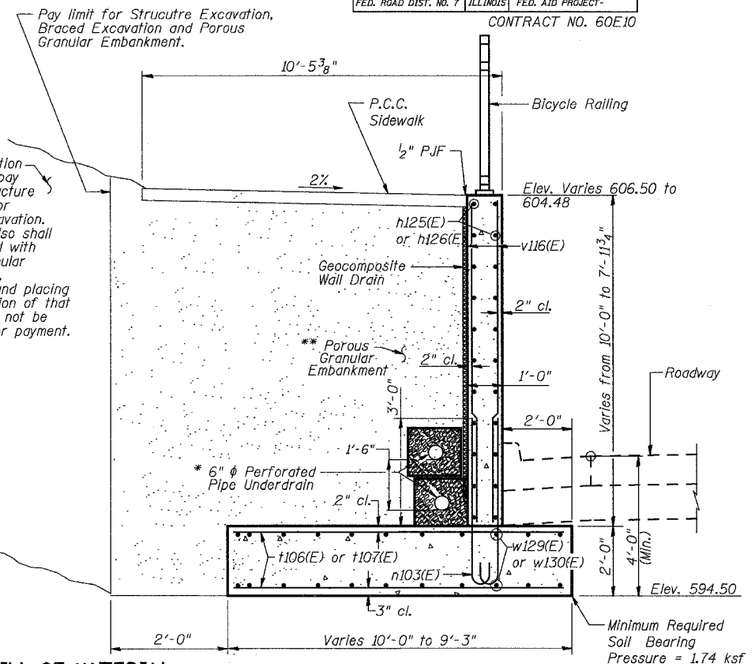
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 351	2008-001VB	COOK	579	518
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 16
24 SHEETS

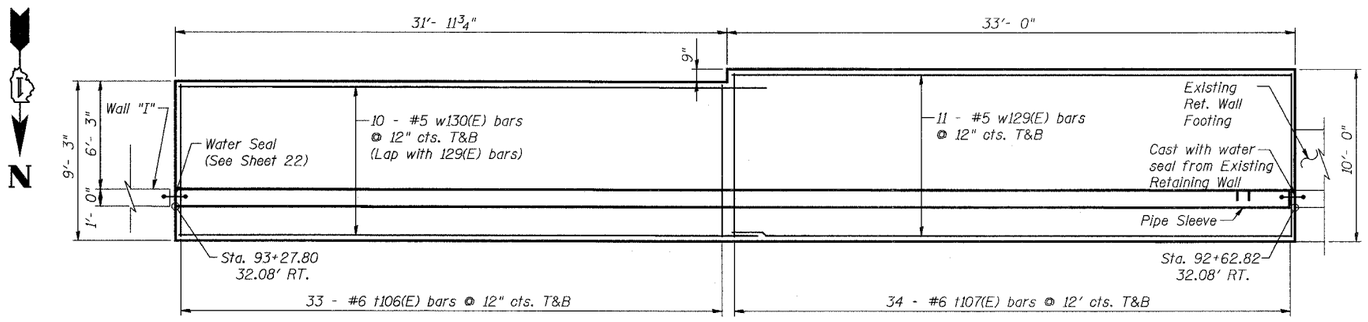
CONTRACT NO. 60E10



ELEVATION



SECTION STA. 92+62.82 TO 93+27.80



PLAN

(Showing footing reinforcement)
(Wall reinforcement has been omitted for clarity)

Notes:

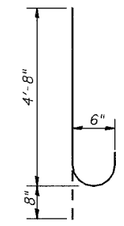
1. The remainder of the bar splicers used in the Existing Retaining Wall were given to I.D.O.T. for storage and will be provided by I.D.O.T. for this contract.
2. Minimum Bar Laps are as follows:
   #5 = 2'-2"
   #6 = 2'-7"
3. For details of Bicycle Railing, see Sheet 23.
4. Bars indicated thus: 11x2 - #5 etc. indicates 11 lines of bars with 2 lengths of bars per line.
5. Cost of pipe sleeve is included with Concrete Structures.
6. ** Excavation for placing Porous Granular Embankment is included in cost of Braced Excavation & Structure Excavation.
7. Porous Granular Embankment shall be compacted to 95% Modified Proctor Density and its coarse aggregate gradation shall be CA 18.

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

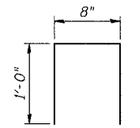
BILL OF MATERIAL
RETAINING WALL "H"

Bar	No.	Size	Length	Shape
h125(E)	44	#5	23'-8"	
h126(E)	20	#5	21'-5"	
n103(E)	132	#6	5'-4"	
s100(E)	12	#5	2'-8"	
t106(E)	66	#6	8'-11"	
t107(E)	68	#6	9'-8"	
v116(E)	66	#5	17'-6"	
w129(E)	22	#5	32'-8"	
w130(E)	20	#5	34'-2"	
Porous Granular Embankment		Cu. Yd.	180	
Structure Excavation		Cu. Yd.	297	
Concrete Structures		Cu. Yd.	68.0	
Reinforcement Bars, Epoxy Coated		Pound	7,170	
Pipe Underdrain For Structures 6"		Foot	130	
Geocomposite Wall Drain		Sq. Yd.	62	

* See Miscellaneous Details For Retaining Walls A-M sheet for Pipe Underdrain Detail



BAR n103(E)



BAR s100(E)

DESIGNED	MAD
CHECKED	JPB
DRAWN	MDS
CHECKED	DEY

REVISIONS NAME	DATE

URS
100 South Wacker Drive, Suite 500
Chicago, IL 60606
(312) 939-1000

ILLINOIS DEPARTMENT OF TRANSPORTATION
US RTE 6 FROM I-294 TO IL RTE 1

RETAINING WALL "H"
STA. 92+62.82 TO 93+27.80

U.S. 6 MAINLINE RETAINING WALLS
ALONG 159TH STREET

SCALE:

DATE: 2/21/2008

d:\7049.06\structures\retaining walls\main contract\walls under bridges along us 6\16_s92-93 h.dgn