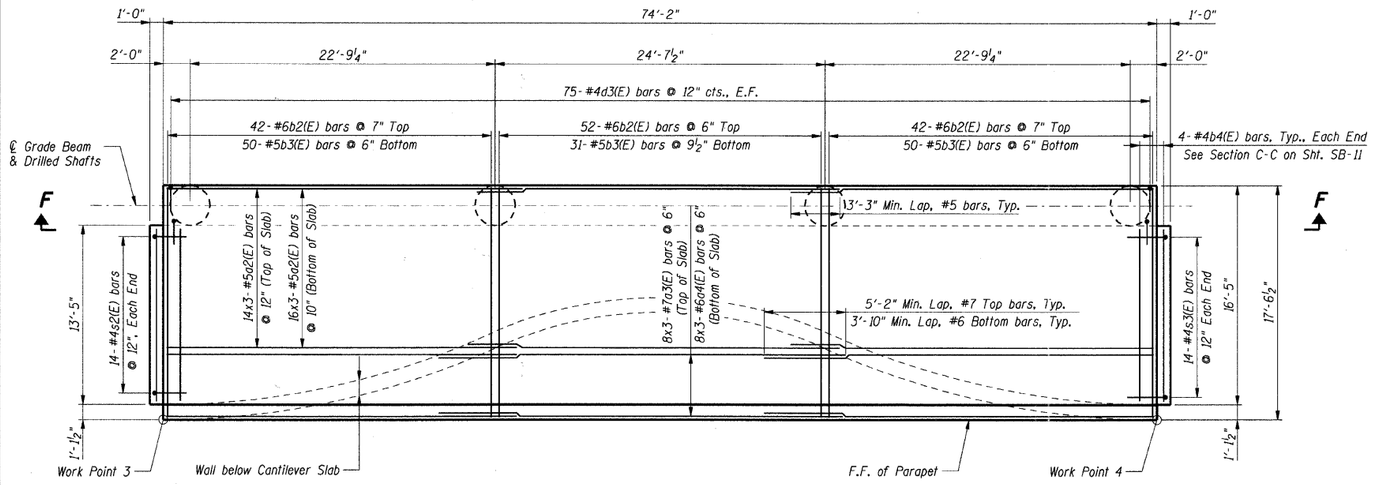
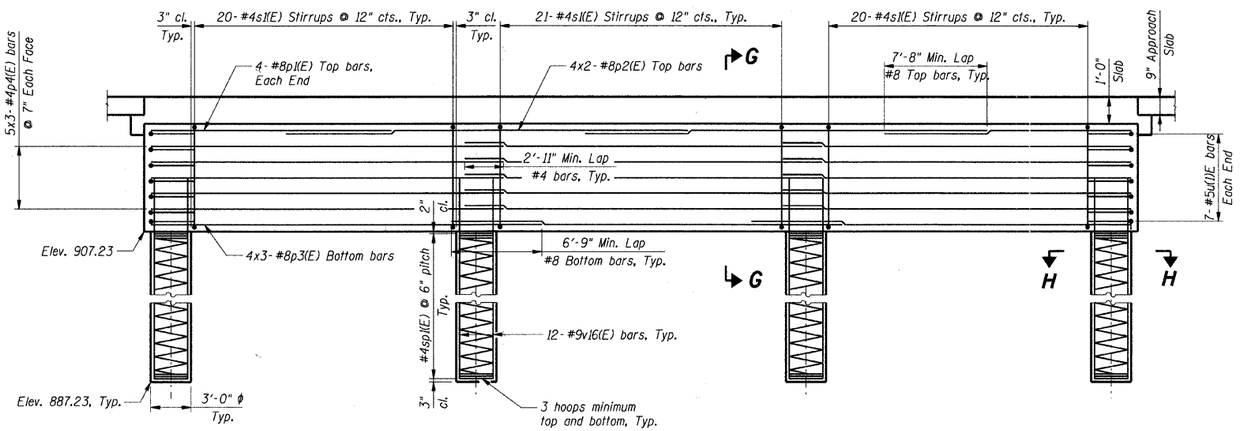
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FP	MCHENRY	292	204
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

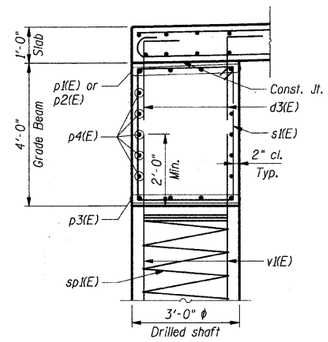
CONTRACT NO: 63522



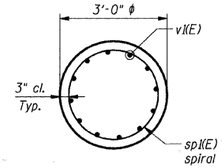
CANTILEVER SLAB PLAN



SECTION F-F



SECTION G-G



SECTION H-H

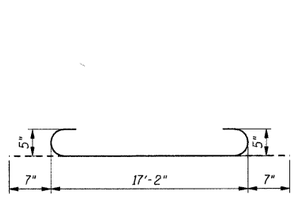
CANTILEVER SLAB BAR LIST

BAR	NO.	SIZE	LENGTH	SHAPE
a2(E)	90	#5	26'-10"	
a3(E)	24	#7	28'-1"	
a4(E)	24	#6	27'-2"	
b2(E)	136	#6	17'-2"	
b3(E)	131	#5	18'-4"	
b4(E)	8	#4	13'-1"	
p1(E)	8	#8	18'-5"	
p2(E)	8	#8	30'-0"	
p3(E)	12	#8	29'-2"	
p4(E)	30	#4	26'-7"	
s1(E)	61	#4	13'-5"	
s2(E)	28	#4	2'-6"	
s3(E)	28	#4	5'-0"	
sp1(E)	4	#4	19'-7"	
u1(E)	14	#5	9'-1"	
v16(E)	48	#9	21'-9"	

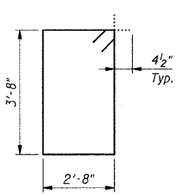
*Length is height of spiral

BILL OF MATERIAL

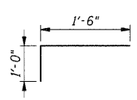
ITEM	UNIT	TOTAL
Concrete Structures	Cu Yd	82.5
Drilled Shafts in Soil	Cu Yd	20.9
Protective Coat	Sq Yd	135.3
Reinforcement Bars, Epoxy Coated	Lbs	17,350



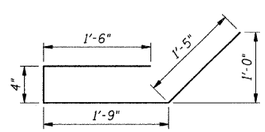
Bar b3(E)



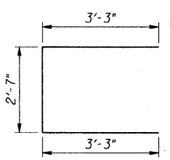
Bar s1(E)



Bar s2(E)



Bar s3(E)



Bar u1(E)

Notes:

1. Work this sheet with sheets SB-1 thru SB-14.
2. F.F. denotes Front Face of wall, B.F. denotes Back Face of wall
3. Bars indicated thus 6x3-#5 indicates 6 lines of bars with 3 lengths per line.
4. When splicing of spiral reinforcement is necessary, the spirals shall be provided with a 1½ extra turns at the end to be spliced. These additional turns shall either be welded together according to AWSD1.4, or shall both terminate with a 135° standard hook. Provide min. 4-#4 spacers or equivalent.

SHT. SB-10

REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085
SECTION 00-00246-02-FP
STATION 54+85.02 TO 59+49.91
VETERAN ACRES PARK RETAINING WALL

CANTILEVERED SLAB PLAN AND DETAILS

SCALE: N.T.S. DRAWN BY: CPB
DATE: 04/15/11 CHECKED BY: TCG

TENG

TENG & ASSOCIATES, INC.
ENGINEERS&ARCHITECTS&PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312-616-0000

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\\FS-0044\ANYVAULT\D-TRANS.OT\2202\3000-03\STRUCTCAD\02 CONTRACT\VA VETERAN ACRES PARK WALL\SHEET\RS02VA002.SHT
4:14:20 1.5sig:38