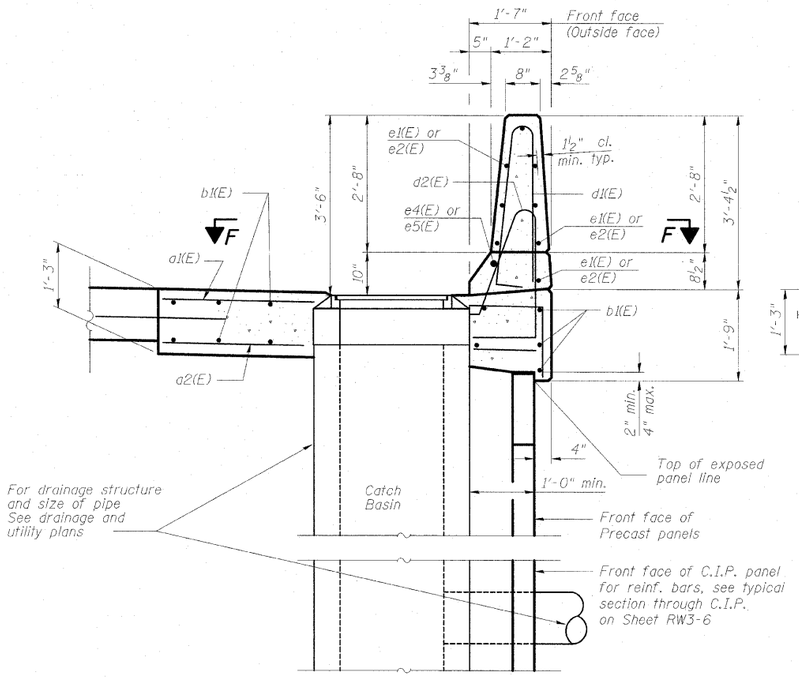
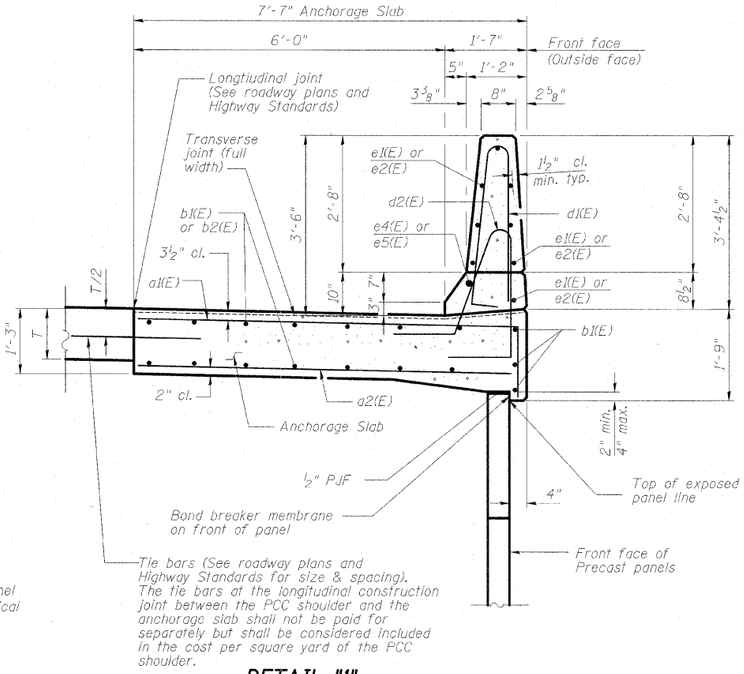
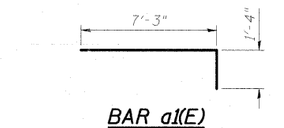
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



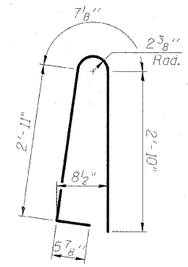
DETAIL "2"
SECTION THRU ANCHORAGE SLAB & PARAPET AT CATCH BASINS



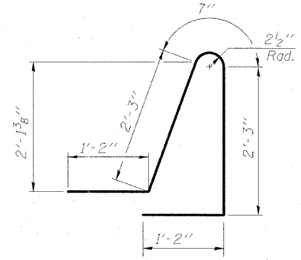
DETAIL "1"
SECTION THRU ANCHORAGE SLAB & PARAPET



BAR a1(E)



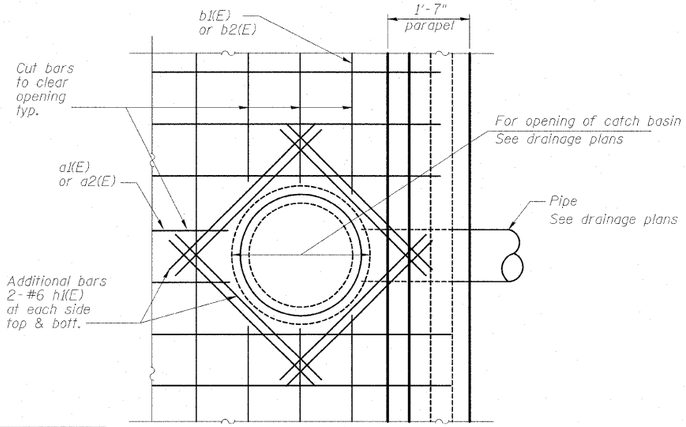
BAR d1(E)



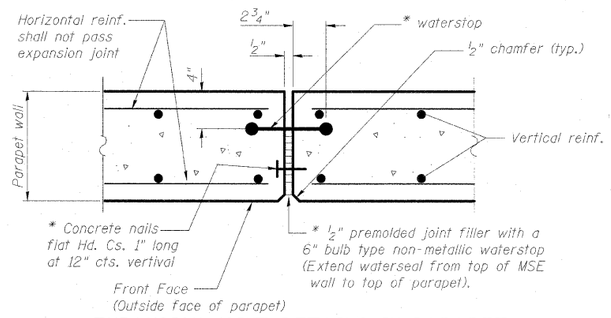
BAR d2(E)

MSE WALL- BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1(E)	962	#6	8'-7"	
a2(E)	962	#6	7'-3"	
b1(E)	510	#5	31'-3"	
b2(E)	34	#5	26'-6"	
d1(E)	1080	#5	6'-10"	
d2(E)	1080	#5	7'-5"	
e1(E)	480	#4	14'-8"	
e2(E)	32	#4	12'-6"	
e4(E)	60	#8	14'-8"	
e5(E)	4	#8	12'-6"	
h1(E)	64	#6	5'-0"	
Structure Excavation		Cu. Yd.	689	
Concrete Structures		Cu. Yd.	472.5	
Reinforcement Bars, Epoxy Coated		Pound	64,430	
Mechanically Stabilized Earth Retaining Wall		Sq. Ft.	12,022	
Rock Excavation for Structures		Cu. Yd.	114.1	
Removal and Disposal of unsuitable material for Structures"		Cu. Yd.	424	



SECTION F-F
DETAIL "3" PLAN AT DRAINAGE



EXPANSION JOINT DETAILS IN PARAPET

For expansion joints in anchorage slab, see Roadway Plans and Highway Standards. (STD 420001-07)
* Cost included with "Concrete Structures".

Note:
The parapet and anchorage slab are not part of this contract, therefore the wall system designer shall design the wall to meet all stability requirements without the parapet and anchorage slab in place.

Notes:
Bars indicated thus 8x3-#5 indicates 8 lines of bars with 3 lengths per line.

Anchorage slab & parapet will be paid under Item "Concrete Structures".

Note:
Slip forming of the parapet is not allowed.

Parapet and Anchorage Slab are not part of this Contract

DESIGNED	PMH
CHECKED	MJL
DRAWN	RJ
CHECKED	BKB

McDonough Associates Inc.
Engineers / Architects
130 East Randolph Street
Chicago, Illinois 60601
(312) 946-8600

SECTIONS AND DETAILS
STRUCTURE NO. 099-W028

SHEET NO.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
RW3-7	55	(99-1&2) AC-3	WILL	524	317
SHEETS			CONTRACT NO. 60C31		
RW3-12	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		