STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO.
IL 113	N58&N	Kankakee	58	23A	SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-		

Contract # 66410
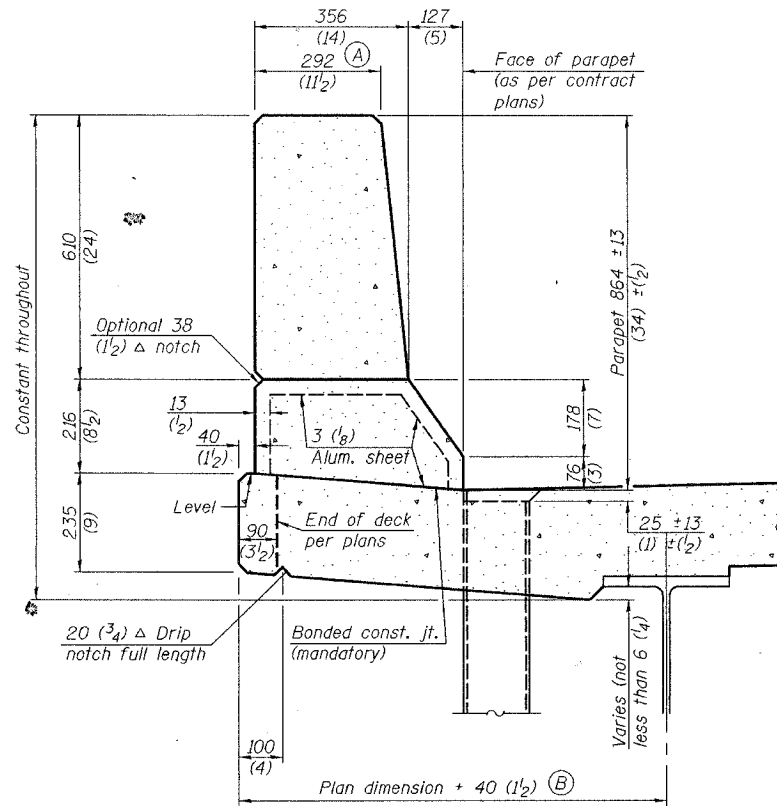
SECTION
(Showing dimensions)

356 (14)
127 (5)
292 (A) (11½)
Face of parapet (as per contract plans)
610 (24)
Parapet 864 ±13 (34) ±(½)
Constant throughout
Optional 38 (1½) △ notch
216 (8½)
13 (½)
40 (1½)
3 (⅛) Alum. sheet
178 (7)
76 (3)
Level
235 (9)
End of deck per plans
90 (3½)
25 ±13 (1) ±(½)
20 (¾) △ Drip notch full length
Bonded const. jt. (mandatory)
Varies (not less than 6 (¼))
100 (4)
Plan dimension + 40 (1½) (B)
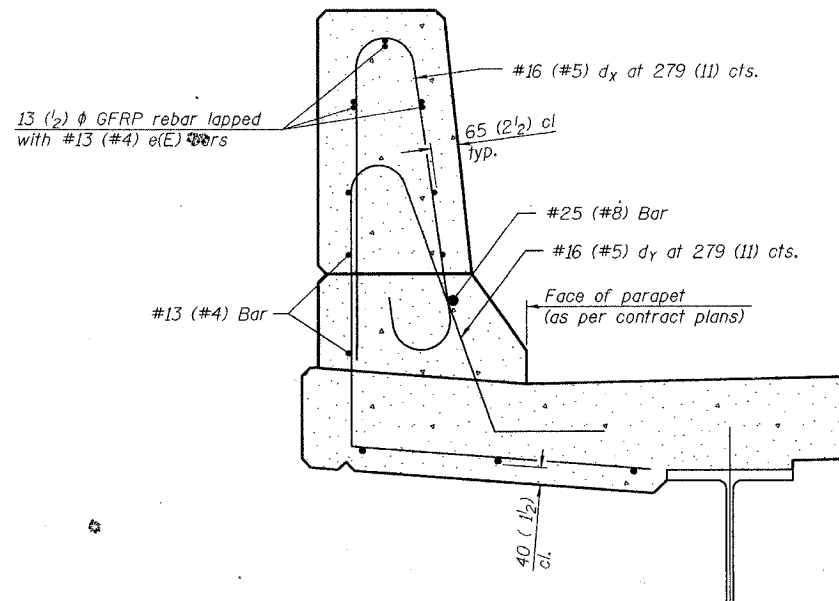
SECTION
(Showing required reinforcement)

13 (½) φ GFRP rebar lapped with #13 (#4) e(E) bars
#16 (#5) d_x at 279 (11) cts.
65 (2½) cl typ.
#25 (#8) Bar
#16 (#5) d_Y at 279 (11) cts.
#13 (#4) Bar
Face of parapet (as per contract plans)
40 (1½) cl.

Direction of pour
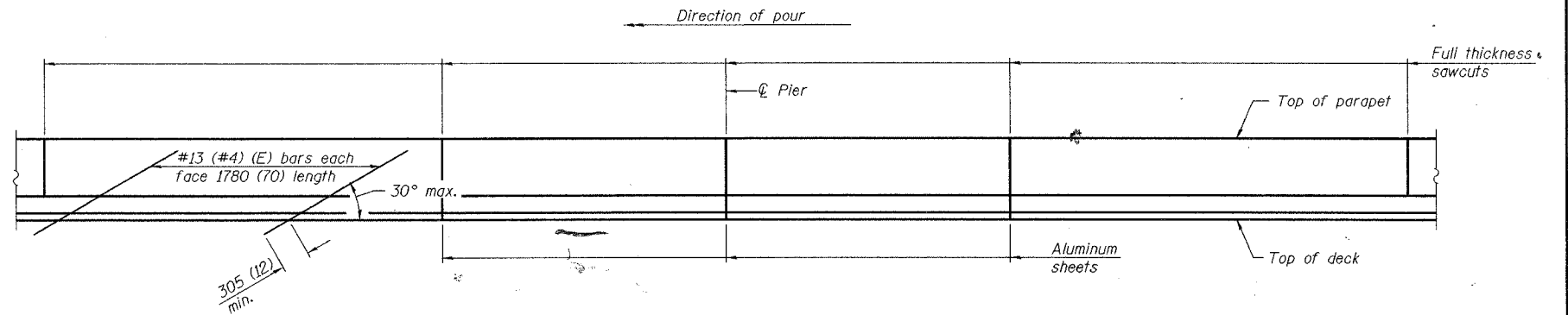
ELEVATION
(Showing parapet joints and typical stiffening reinforcement between joints)

Full thickness sawcuts
₵ Pier
Top of parapet
#13 (#4) (E) bars each face 1780 (70) length
30° max.
Top of deck
305 (12) min.
Aluminum sheets

BAR d_x(e)

200 (7⅞)
67 (2⅝) Rad.
676 (26⅝)
603 (23¾)
216 (8½)
273 (10¾)
67 (2⅝) Rad.

BAR d_Y(e)
* Per contract plans

178 (7)
64 (2½) Rad.
584 (23)
610 (24)
571 (22½)
254 (10)
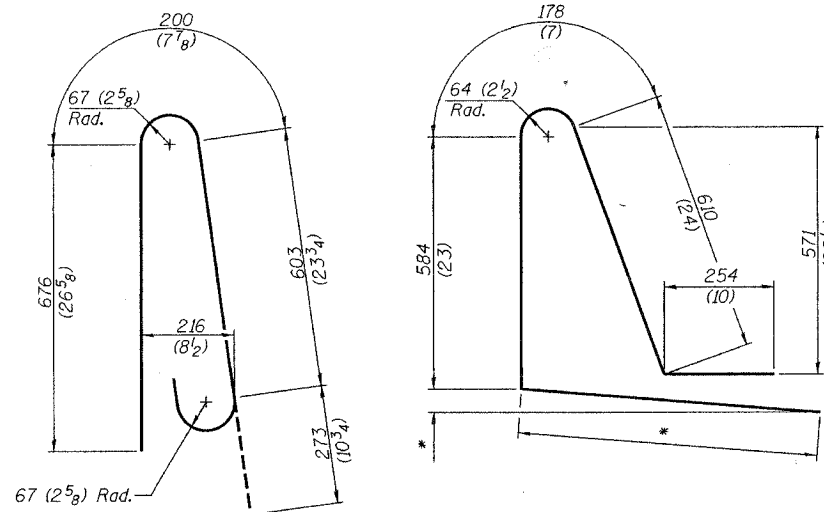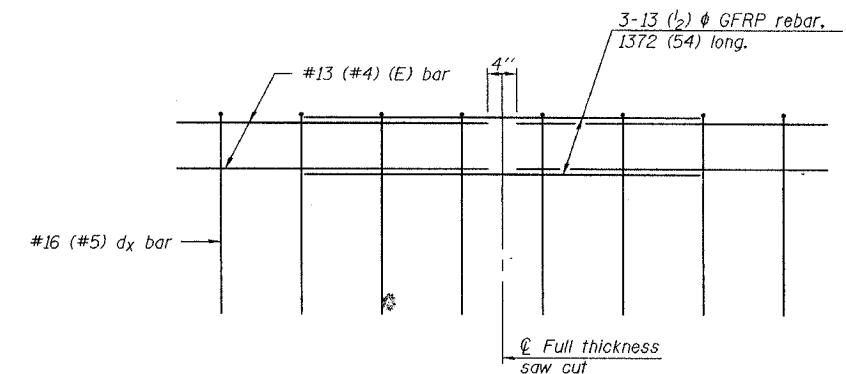
GFRP REBAR STIFFENING DETAIL
(Place as shown in parapet section)

3-13 (½) φ GFRP rebar. 1372 (54) long.
#13 (#4) (E) bar
4"
#16 (#5) d_x bar
₵ Full thickness saw cut

GENERAL NOTES

All dimensions shall remain the same as shown on contract plans, except dimensions A and B which are to be revised as shown to provide additional clearance. Additional concrete needed to revise dimension A and B= 0.0422 m /m (.0165 cu. yds./ft.) of parapet.
Place aluminum sheet in curb portion at and near piers. Full thickness saw cut at all other locations. Adjust/add joint locations to maintain 3 to 6 meter (10 to 20 foot) spacing.

**CONCRETE PARAPET
SLIPFORMING OPTION**

Added 11/1/05