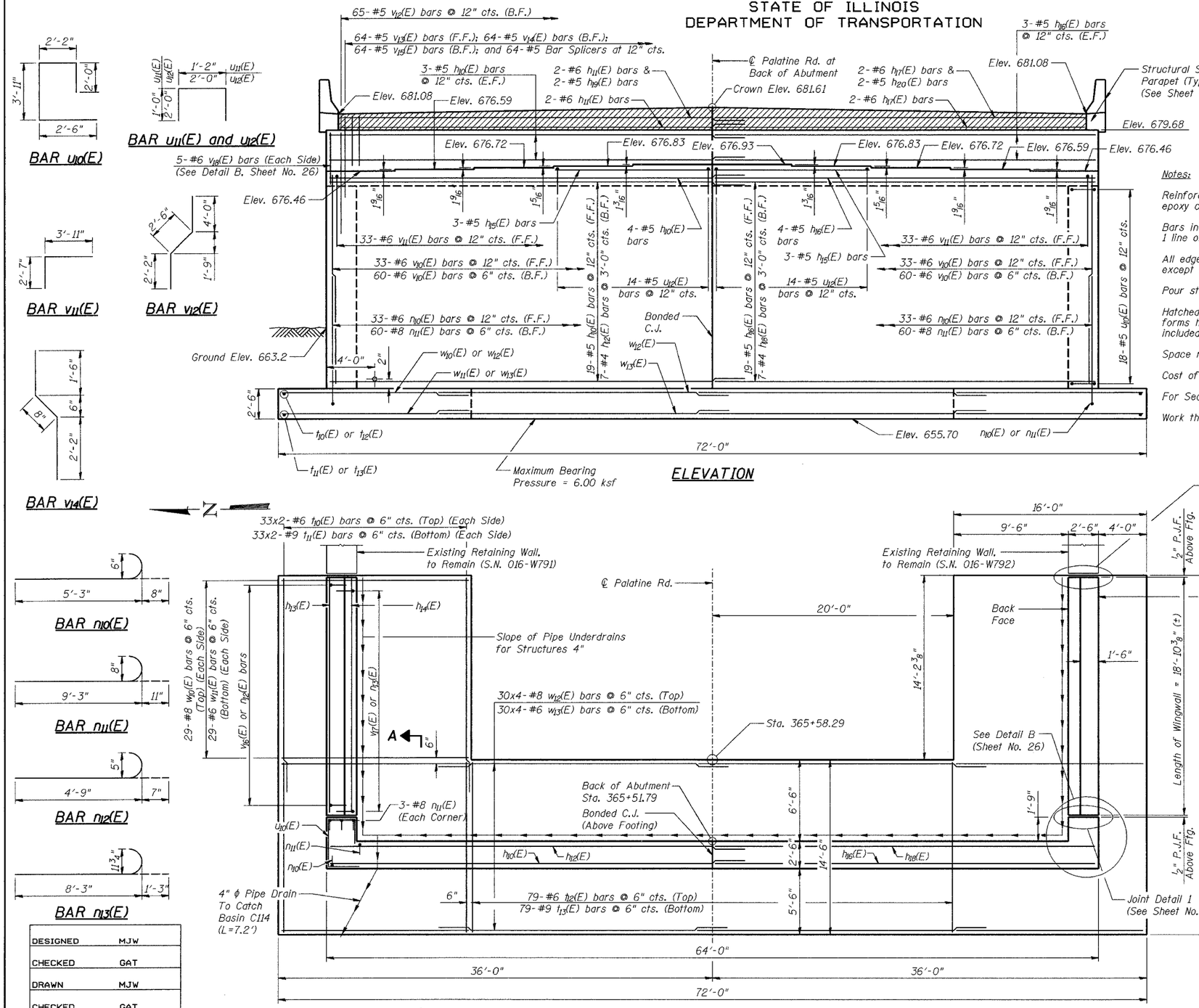
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 305	*	Cook	21	18

SHEET NO. 25
37 SHEETS

Contract No. 62852 *1313.1F

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Notes:

Reinforcement bars designated (E) shall be epoxy coated.

Bars indicated thus 1 x 2- #5 etc. indicates 1 line of bars with 2 lengths per line.

All edges shall have standard ¾" chamfers except as noted.

Pour steps monolithically with cap.

Hatched area to be poured after superstructure forms have been removed. Quantity of concrete included with "Concrete Superstructure".

Space reinforcement in cap to miss Anchor Bolts.

Cost of P.J.F. included with "Concrete Structures".

For Section A-A, see Sheet No. 26.

Work this sheet with Sheet No. 26 and No. 27.

EAST ABUTMENT BILL OF MATERIAL

Bar	No.	Size	Length	Shape
$h_{10}(E)$	29	#5	34'-0"	
$h_{11}(E)$	4	#6	33'-5"	
$h_{12}(E)$	7	#4	33'-6"	
$h_{13}(E)$	44	#5	18'-6"	
$h_{14}(E)$	16	#4	18'-6"	
$h_{15}(E)$	6	#5	12'-0"	
$h_{16}(E)$	29	#5	31'-8"	
$h_{17}(E)$	4	#6	30'-8"	
$h_{18}(E)$	7	#4	31'-8"	
$h_{19}(E)$	2	#5	33'-0"	
$h_{20}(E)$	2	#5	30'-8"	
$n_{10}(E)$	66	#6	5'-11"	
$n_{11}(E)$	126	#8	10'-2"	
$n_{12}(E)$	40	#5	5'-4"	
$n_{13}(E)$	78	#9	9'-6"	
$t_{10}(E)$	132	#6	15'-6"	
$t_{11}(E)$	132	#9	17'-1"	
$t_{12}(E)$	79	#6	14'-2"	
$t_{13}(E)$	79	#9	14'-2"	
$u_{10}(E)$	36	#5	10'-7"	
$u_{11}(E)$	40	#5	3'-2"	
$u_{12}(E)$	28	#5	6'-0"	
$v_{10}(E)$	196	#6	17'-11"	
$v_{11}(E)$	66	#6	6'-6"	
$v_{12}(E)$	65	#5	8'-8"	
$v_{13}(E)$	64	#5	7'-3"	
$v_{14}(E)$	64	#5	4'-4"	
$v_{15}(E)$	64	#5	3'-7"	
$v_{16}(E)$	40	#5	21'-0"	
$v_{17}(E)$	78	#7	21'-0"	
$v_{18}(E)$	10	#6	3'-10"	
$w_{10}(E)$	58	#8	15'-8"	
$w_{11}(E)$	58	#6	15'-8"	
$w_{12}(E)$	120	#8	21'-4"	
$w_{13}(E)$	120	#6	19'-11"	
Reinforcement Bars, Epoxy Coated			Pound	53,640
Concrete Structures			Cu. Yd.	336.5
Bar Splicers			Each	53
Structure Excavation			Cu. Yd.	2572.4
Pipe Underdrains for Structures 4"			Foot	101
Geocomposite Wall Drain			Sq. Yd.	80
Pipe Drains 4"			Foot	7

MIN. BAR LAP

#4 - 1'-8"
#5 - 2'-2"
#6 - 2'-7"
#7 - 3'-5"
#8 - 4'-6"
#9 - 5'-9"

LEGEND

E.F. = Each Face
F.F. = Front Face
B.F. = Back Face
C.J. = Construction Joint

DESIGNED	MJW
CHECKED	GAT
DRAWN	MJW
CHECKED	GAT

FOR INFORMATION ONLY

EAST ABUTMENT
PALATINE ROAD OVER
IL. RT. 83 (ELMHURST ROAD)
F.A.P. RTE. 305 SECT. 1313.1F
COOK COUNTY
STATION 363+77.17
STRUCTURE NO. 016-2812

AMERICAN CONSULTING ENGINEERS
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CHICAGO, ILLINOIS