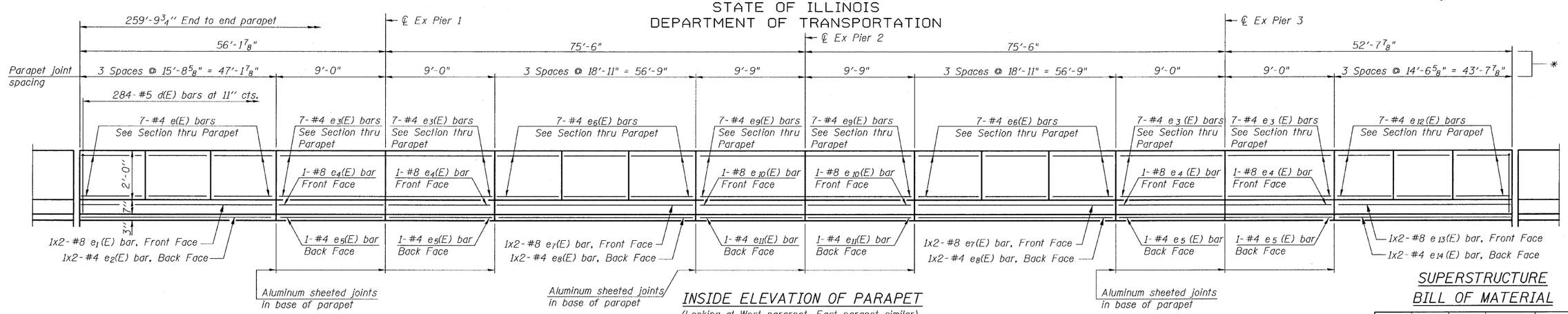
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

* Dimensions Given Along Gutter Line

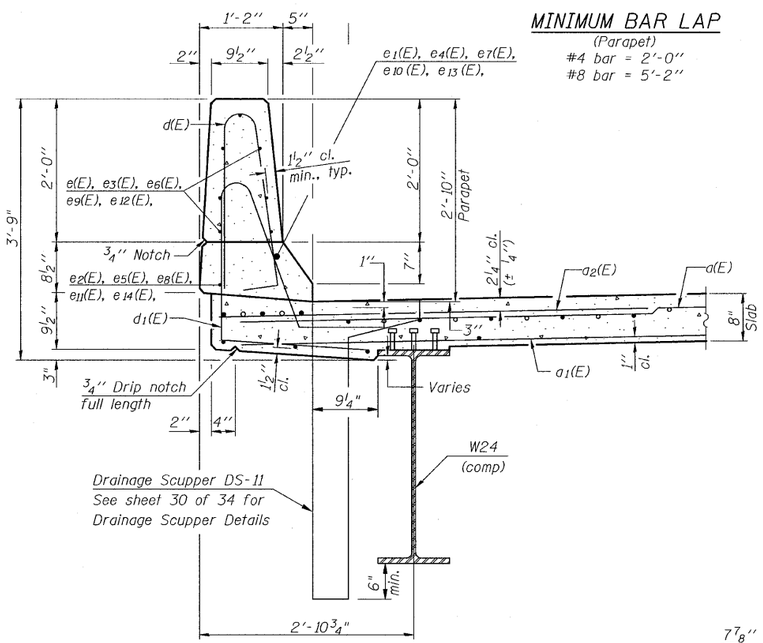



## INSIDE ELEVATION OF PARAPET

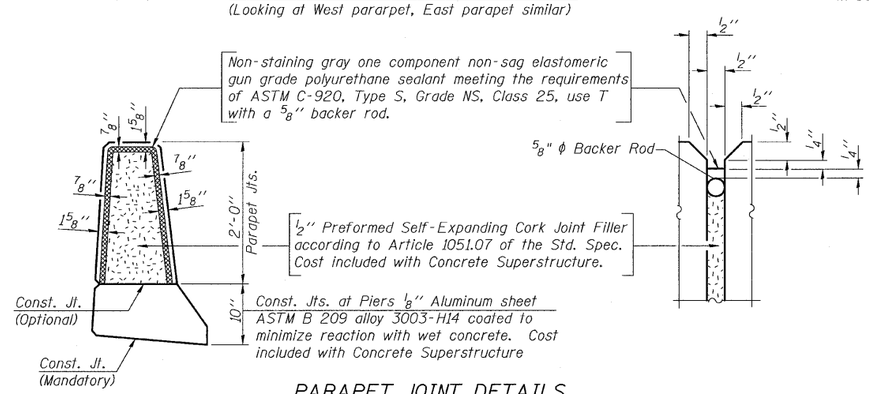
(Looking at West pararpet, East parapet similar)

## MINIMUM BAR LAP

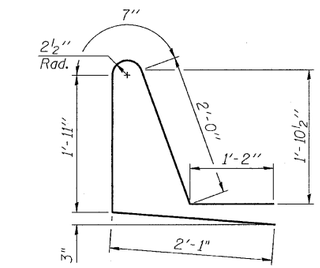
(Parapet)
#4 bar = 2'-0"
#8 bar = 5'-2"



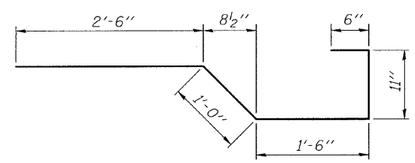

## SECTION THRU PARAPET



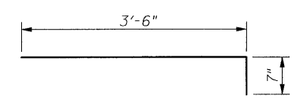

## PARAPET JOINT DETAILS



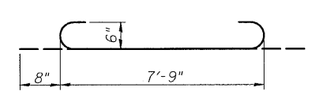

## BAR d1(E)




## BAR x(E)




## BAR x1(E)

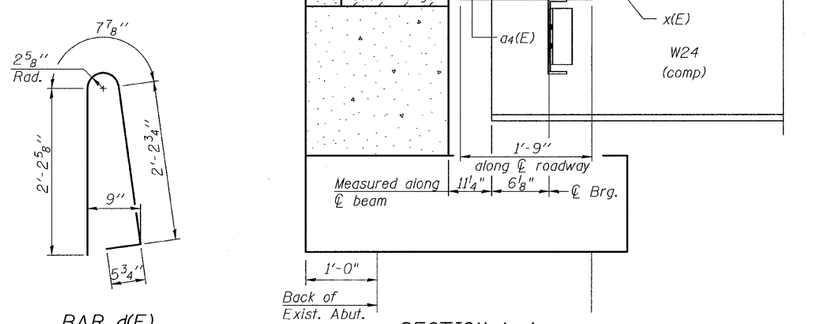



## BAR a3(E)

## SUPERSTRUCTURE BILL OF MATERIAL

| Bar | No. | Size | Length | Shape |
|---|---|---|---|---|
| a(E) | 445 | #5 | 34'-5" | |
| a1(E) | 312 | #5 | 34'-2" | |
| a2(E) | 890 | #6 | 6'-6" | |
| a3(E) | 30 | #6 | 9'-1" | |
| a4(E) | 4 | #6 | 22'-0" | |
| a5(E) | 16 | #6 | 23'-10" | |
| a10(E) | 32 | #5 | 1'-6" | |
| | | | | |
| b(E) | 342 | #5 | 31'-2" | |
| b1(E) | 315 | #6 | 16'-2" | |
| b2(E) | 260 | #5 | 28'-3" | |
| | | | | |
| d(E) | 568 | #5 | 5'-7" | |
| d1(E) | 568 | #5 | 7'-9" | |
| | | | | |
| e(E) | 21 | #4 | 15'-4 | |
| e1(E) | 2 | #8 | 26'-9" | |
| e2(E) | 2 | #4 | 24'-9" | |
| e3(E) | 28 | #4 | 8'-8" | |
| e4(E) | 4 | #8 | 8'-8" | |
| e5(E) | 4 | #4 | 8'-8" | |
| e6(E) | 42 | #4 | 18'-7" | |
| e7(E) | 4 | #8 | 31'-7" | |
| e8(E) | 4 | #4 | 29'-6" | |
| e9(E) | 14 | #4 | 9'-5" | |
| e10(E) | 2 | #8 | 9'-5" | |
| e11(E) | 2 | #4 | 9'-5" | |
| e12(E) | 21 | #4 | 14'-2" | |
| e13(E) | 2 | #8 | 25'-0" | |
| e14(E) | 2 | #4 | 23'-0" | |
| | | | | |
| | | | | |
| | | | | |
| x(E) | 60 | #5 | 6'-5" | |
| x1(E) | 60 | #5 | 4'-1" | |
| | | | | |
| Reinforcement Bars, Epoxy Coated | | | Pound | 74,050 |
| Concrete Superstructure | | | Cu. Yds. | 305.2 |

Bars indicated thus 1 x 2 -#8 etc. indicates 1 line of bars with 2 lengths per line.




## SECTION A-A




## BAR d(E)

## MIN. BAR LAP

#5 3'-3"
#6 3'-10"

## SUPERSTRUCTURE DETAILS

S.N. 101-0120

| DESIGNED | SCD |
|---|---|
| CHECKED | DRB |
| DRAWN | THW |
| CHECKED | SCD |

S-D 11-1-09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FAX (217) 529-4543
WWW.IE-CONSULTANTS.COM


| SHEET NO. 11 OF 34 SHEETS | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|---|
| | 301 | (1-1HB-1)D | WINNEBAGO | 55 | 27 |
| | | | CONTRACT NO. 64E11 | | |
| | | ILLINOIS | FED. AID PROJECT | | |