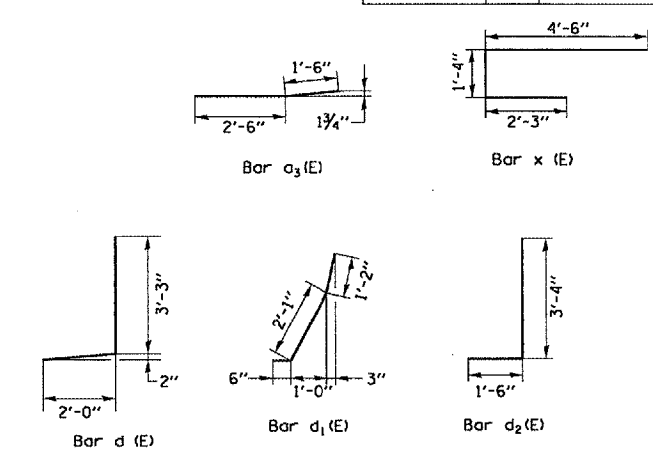
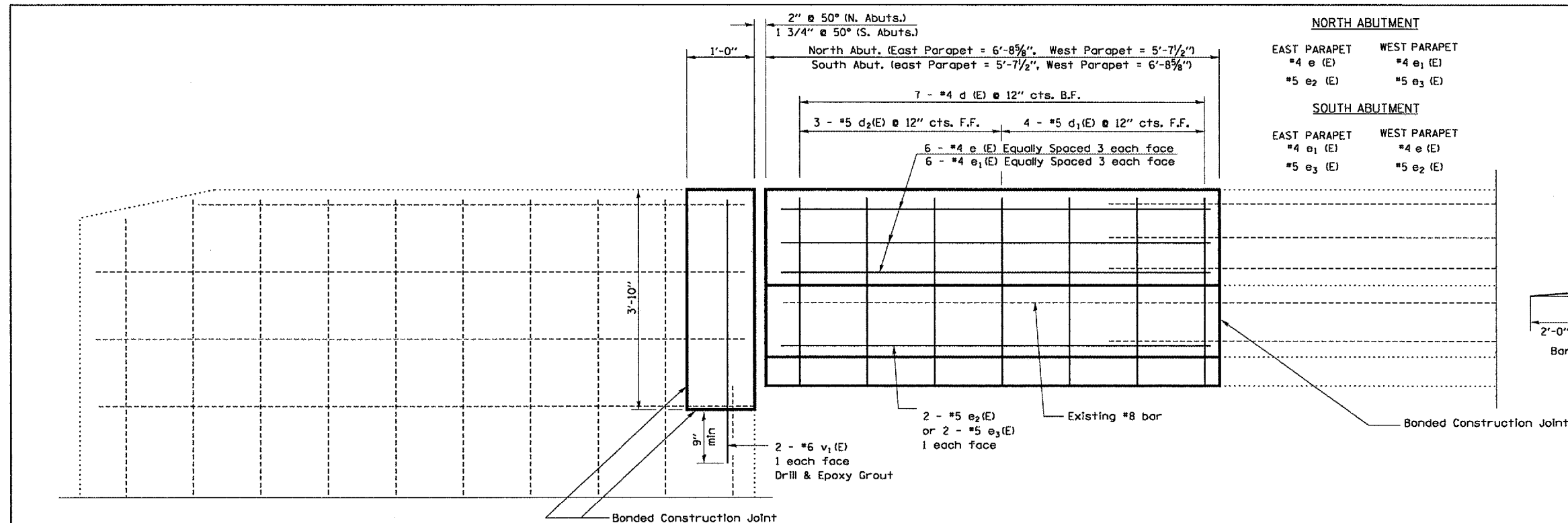


| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|-------------|----------|-------------------|-----------|
| 412 | (50-GVB)I-1 | LASALLE | 25 | 10 |
| FED. ROAD DIST. NO. | | ILLINOIS | STATE AID PROJECT | |



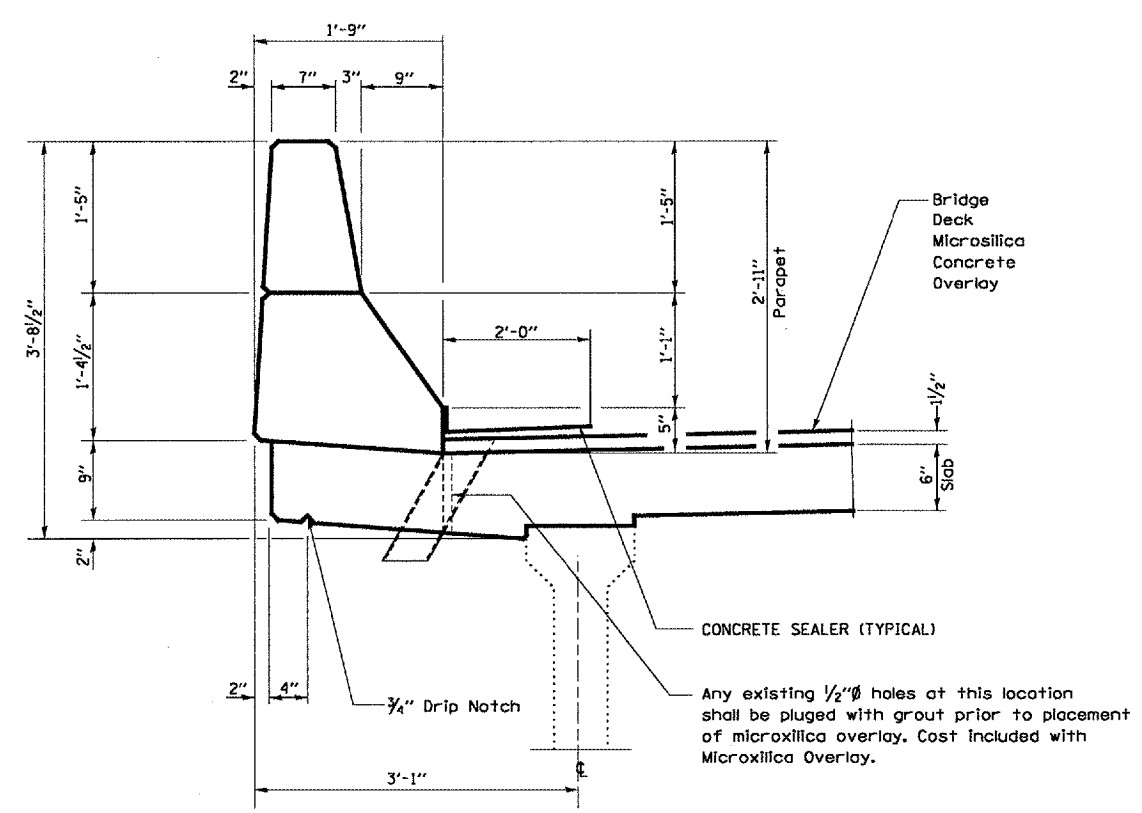
**SUPERSTRUCTURE
 BILL OF MATERIAL
 FOR "ONE" ABUTMENT**

| Bar | No. | Size | Length | Shape |
|----------------------------------|-----|----------|--------|-------|
| a (E) | 42 | 6 | 8'-2" | — |
| a1 (E) | 12 | 7 | 25'-2" | — |
| a2 (E) | 25 | 6 | 8'-6" | — |
| a3 (E) | 18 | 6 | 4'-0" | — |
| b (E) | 96 | 5 | 5'-10" | — |
| d (E) | 14 | 4 | 5'-3" | ┘ |
| d1 (E) | 8 | 5 | 3'-9" | ┘ |
| d2 (E) | 6 | 5 | 4'-10" | ┘ |
| e (E) | 6 | 4 | 6'-4" | — |
| e1 (E) | 6 | 4 | 5'-4" | — |
| e2 (E) | 2 | 5 | 6'-4" | — |
| e3 (E) | 2 | 5 | 5'-4" | — |
| h (E) | 8 | 5 | 24'-4" | — |
| x (E) | 65 | 6 | 8'-1" | ┘ |
| v1 (E) | 4 | 6 | 4'-5" | — |
| Reinforcement Bars, Epoxy Coated | | Pound | 3663 | |
| Concrete Superstructure | | Cu. Yds. | 15.9 | |

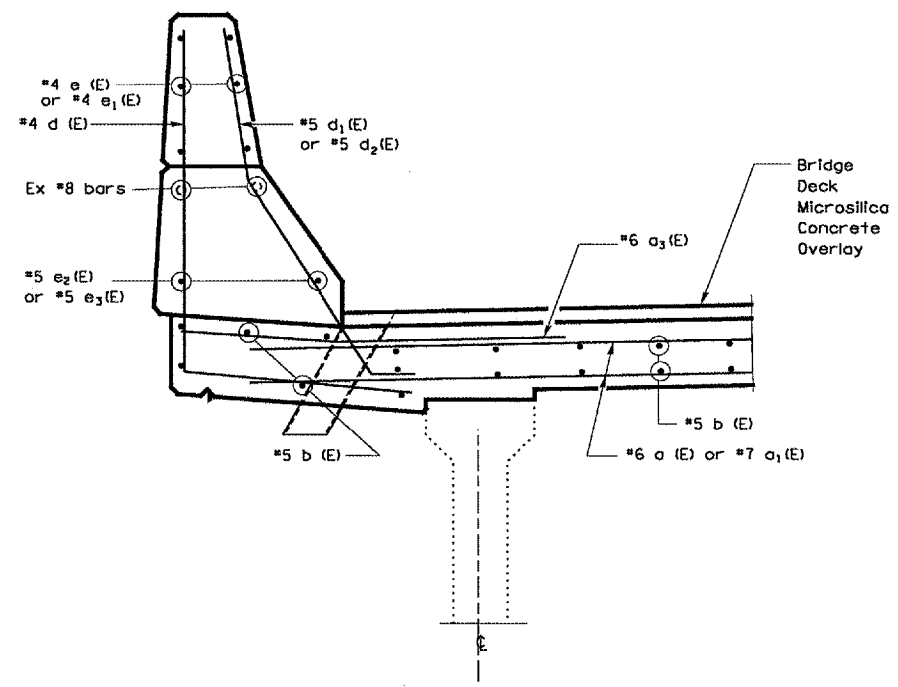
Minimum Bar Lap

| | |
|----|-------|
| #4 | 1'-8" |
| #5 | 2'-0" |
| #6 | 2'-7" |
| #7 | 3'-5" |
| #8 | 4'-6" |

ELEVATION AT PARAPET



SECTION AT PARAPET
 DIMENSIONS



SECTION AT PARAPET
 REINFORCEMENT

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION CONSTRUCTION DETAILS NORTH ABUTMENT - PARAPET S.N. 050-0167 (SB) F.A.I. 412 OVER C. & N.W. RAILROAD SECTION (50-6VB)I-1 STA. 1429 + 12.74 |
|-----------|------|---|
| NAME | DATE | |
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*DATE - MARCH 06, 2005
 *DGN - CMO5/CM327/DETAILS.DGN