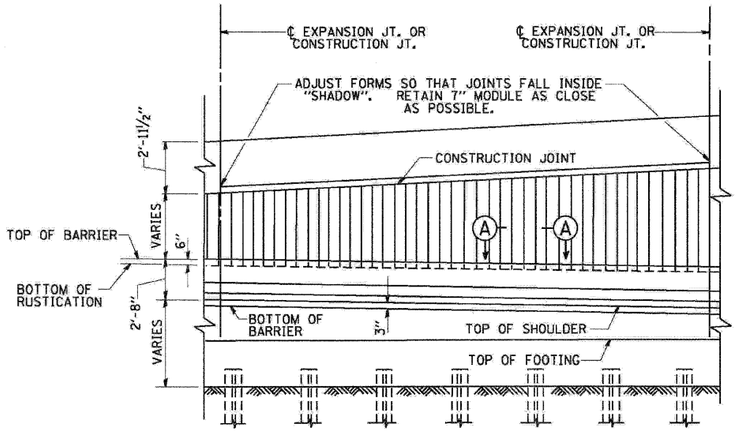
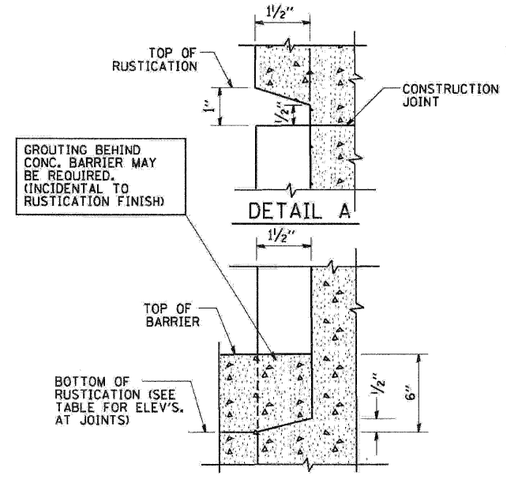
CONTRACT NO. 62539

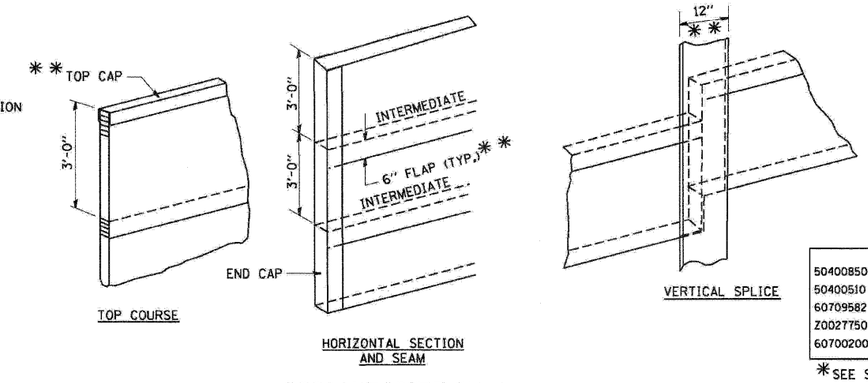
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 2843 | 3249B-R | COOK | 64 | 50 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |




ELEVATION-TYPICAL ARCHITECTURAL FINISH




DETAIL B



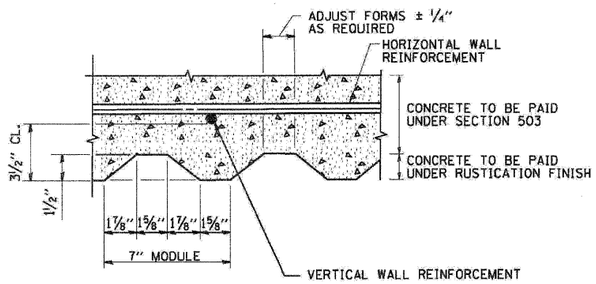

GEOCOMPOSITE WALL DRAIN DETAILS

** SEE RECURRING SPECIAL PROVISION #43 FOR GEOCOMPOSITE WALL DRAIN

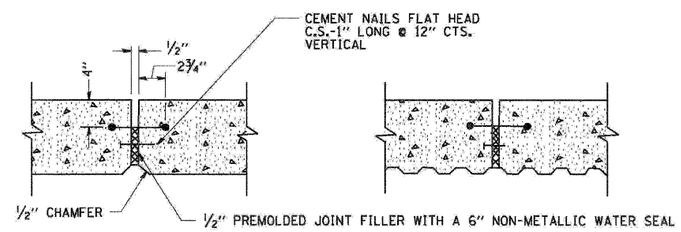
PREFERRED PAY ITEMS

| | | |
|---|---|---|
| 50400850 * | CLASS X CONCRETE (RETAINING WALL) | (C.Y.) |
| 50400510 * | RUSTICATION FINISH | (S.F.) |
| 60709582 * | PIPE UNDERDRAINS FOR STRUCTURES 6" | (L.F.) |
| Z0027750 * | GEOCOMPOSITE WALL DRAIN | (S.Y.) |
| 60700200 | PIPE DRAINS 6" | (L.F.) |

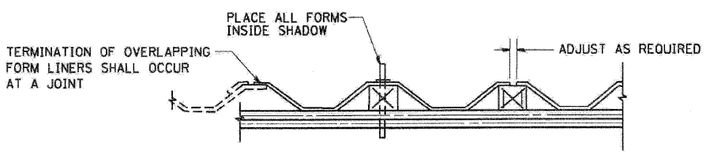
* SEE SPECIAL PROVISIONS



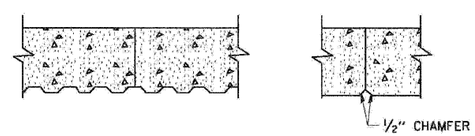

SECTION A-A



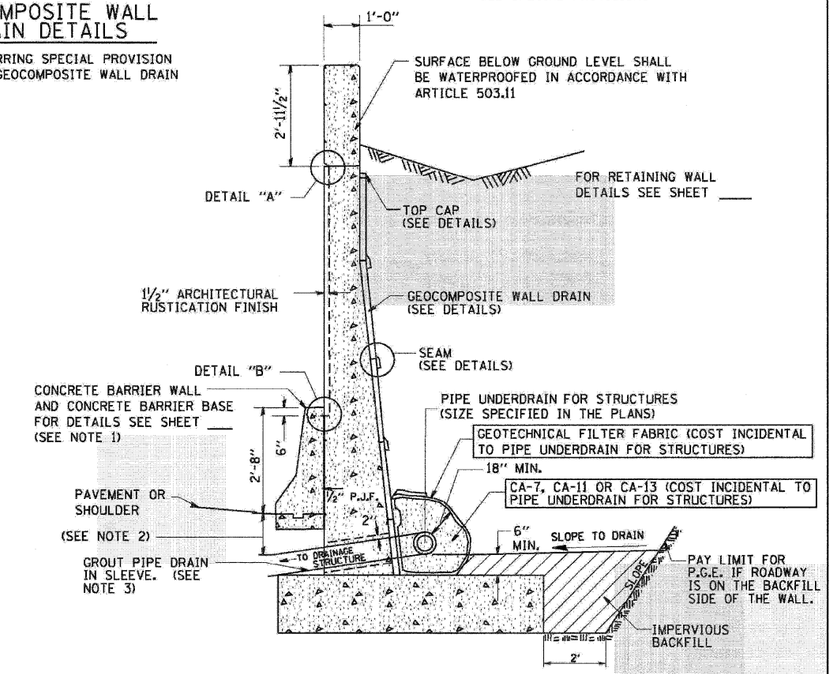

EXPANSION JOINT DETAIL




SUGGESTED FORMWORK DETAIL




CONSTRUCTION JOINT DETAIL




SLOPE: 1 TO 1 WITHOUT SHEETING
VERTICAL WITH SHEETING

TYPICAL SECTION THRU RETAINING WALL

| WALL # | | WALL # | | WALL # | | WALL # | | WALL # | | WALL # | | WALL # | | WALL # | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION | ELEVATION | STATION | ELEVATION | STATION | ELEVATION | STATION | ELEVATION | STATION | ELEVATION | STATION | ELEVATION | STATION | ELEVATION | STATION | ELEVATION |
| | | | | | | | | | | | | | | | |

NOTE 1.

CONCRETE BARRIER CONSTRUCTION:
WHEN THE CONCRETE BARRIER WALL IS TO BE CONSTRUCTED MONOLITHIC WITH THE RETAINING WALL THE DETAILS SHOWN IN THE RETAINING WALL SECTION SHALL GOVERN.

NOTE 2.

PIPE DRAIN SLOPE:
PRIOR TO THE PLACEMENT OF THE PIPE UNDERDRAIN SLEEVE THE ENGINEER SHALL DETERMINE THE SLOPE REQUIRED FOR THE PIPE UNDERDRAIN TO ENTER BELOW THE DRAINAGE STRUCTURE LID AT OR BELOW THE MINIMUM DISTANCE SHOWN ON THE DETAILS FOR THE STRUCTURE.

NOTE 3.

PIPE DRAIN
THE PIPE DRAIN SHALL TERMINATE AT A DRAINAGE STRUCTURE.

THE COST OF THE SLEEVE AND GROUT SHALL BE INCIDENTAL TO PIPE DRAINS.

| REVISIONS | |
|---|---|
| NAME | DATE |
| FORD | 11/30/88 |
| FORD | 05/15/89 |
| DE YONG | 09/07/89 |
| DE YONG | 07/11/90 |
| DE YONG | 08/18/90 |
| DE YONG | 07/09/91 |
| R. WEIDEMAN | 02/20/04 |

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.U. 2843 DIXIE HWY over BUTTERFIELD CREEK

RUSTICATION FINISH AND GEOCOMPOSITE DRAIN FOR RETAINING WALLS

SCALE: VERT. HORIZ. NONE

DRAWN BY CADD
CHECKED BY

BD500-02 (BD-28)

PLOT DATE = 3/5/2007
FILE NAME = K:\dists\sts\bd28.dgn
PLOT SCALE = 88.8888 ' / IN.
USER NAME = bsourdi