CONSTRUCTION DETAILS
SILT CONTROL GATES
FOR STRUCTURES
TYPE 1, 2, AND 3

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

GENERAL NOTES:
1. A SILT CONTROL GATE IS A TEMPORARY STRUCTURE PLACED AT INLETS TO FORM A BASIN FOR TRAPPING SEDIMENT.
2. KEEP SLIT DESIGN SAMPLES ON FILE FOR FUTURE PROJECTS.
3. SILT GATES SHALL ONLY BE USED ON DRAINAGE AREAS UP TO 50 ACRES WITH NO MORE THAN 5 ACRES DISTURBED WITHIN THE DRAINAGE AREA.
4. SILT GATES SHALL NOT BE USED ON STRUCTURES THAT CONVEY STATE WATERS.

SILT GATE TYPE NOTES:
1. REFER TO GA. STD. 1001-B FOR CONCRETE APRONS.
2. SEE SECTION 163 FOR THE REMOVAL OF TYPE I SILT CONTROL GATES.
3. REFER TO GA. STD 2332 FOR CONCRETE APRONS.

PAY ITEMS:
1. CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 1
2. CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 2
3. CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3
4. MAINTENANCE OF SILT CONTROL GATE, TP 1
5. MAINTENANCE OF SILT CONTROL GATE, TP 2
6. MAINTENANCE OF SILT CONTROL GATE, TP 3

TYPES OF SILT CONTROL GATES:
- TYPE 1
- TYPE 2
- TYPE 3

CENTER BOARDS
- "S" (CLEAR SPAN)
- 2'-0" MIN.
- 4'-0" MAX.

FOOTING
- 2'' X 6'' TREATED WOOD (TYP.)
- 4'' X 4'' TREATED WOOD (TYP.)
- 2'' X 6'' TREATED TIMBER (TYP.)

FOOT PLATE
2'' X 6'' CAP PLATE

SIDE VIEW
- STRAP HINGE
- 12'' STRAP HINGE (TYP.)
- NO SPACE ALLOWED BETWEEN BOARDS & TYPE C SILT FENCE
- FABRIC FASTENED SECURELY WITH STAPLES OR NAILS TO OUTSIDE FACE OF BOARDS AND COVERING ALL BUTT-JOINTS BETWEEN BOARDS.
- OVERLAP ADDITIONAL SILT FENCE FABRIC A MINIMUM OF 12-INCHES.
- USE WOOD SCREWS OR NAILS TO CONNECT WOOD COMPONENTS WITH NO SPACE ALLOWED BETWEEN BOARDS.
- TYPE C SILT FENCE FABRIC MUST BE FASTENED SECURELY.

TOP VIEW
- CENTER BOARDS MUST HAVE FIRM CONTACT WITH GROUND LINE AND CONCRETE FEATURES.
- NO SPACE ALLOWED BETWEEN BOARDS & TYPE C SILT FENCE
- FABRIC FASTENED SECURELY WITH STAPLES OR NAILS TO OUTSIDE FACE OF BOARDS AND COVERING ALL BUTT-JOINTS BETWEEN BOARDS.
- OVERLAP ADDITIONAL SILT FENCE FABRIC A MINIMUM OF 12-INCHES.
- USE WOOD SCREWS OR NAILS TO CONNECT WOOD COMPONENTS WITH NO SPACE ALLOWED BETWEEN BOARDS.
- TYPE C SILT FENCE FABRIC MUST BE FASTENED SECURELY.

FRONT VIEW
- CENTER BOARDS MUST HAVE FIRM CONTACT WITH GROUND LINE AND CONCRETE FEATURES.
- NO SPACE ALLOWED BETWEEN BOARDS & TYPE C SILT FENCE
- FABRIC FASTENED SECURELY WITH STAPLES OR NAILS TO OUTSIDE FACE OF BOARDS AND COVERING ALL BUTT-JOINTS BETWEEN BOARDS.
- OVERLAP ADDITIONAL SILT FENCE FABRIC A MINIMUM OF 12-INCHES.
- USE WOOD SCREWS OR NAILS TO CONNECT WOOD COMPONENTS WITH NO SPACE ALLOWED BETWEEN BOARDS.
- TYPE C SILT FENCE FABRIC MUST BE FASTENED SECURELY.

SILT CONTROL GATE TYPE NOTES:
1. Silva to GA. STD. 2332 FOR CONCRETE APRONS.
2. See Section 165 FOR THE REMOVAL OF TYPE I SILT CONTROL GATES.