STATE PROJECT NO. 565

FRONT ELEVATION

VARIABLE

GEOTEXTILE FABRIC IN 6' x 6'
TRENCH. BACKFILL WITH SOIL AND COMPACT.

WIRE FENCE

GEOTEXTILE FABRIC

STEEL OR WOOD POST

GROUND LINE

LINE WIRES (MIN. 12G2 GAGE)

36' IN WIDTH AND SHALL BE FASTENED
ADECATELY TO THE WIRE AS DIRECTED BY THE ENGINEER.

STAY WIRES (MIN. 12G2 GAGE)

TOP STRAND (MIN. 10G)

BOTTOM STRAND (MIN. 10G)

6'-0'

VARIABLE

FILL SLOPE

SIDE ELEVATION

TEMPORARY EROSION CONTROL MEASURES
(SILT FENCE, HAY BALES & BRUSH BARRIER)

GENERAL NOTES:

1. THE CONTRACTOR SHALL BE REQUIRED TO FURNISH ALL MATERIALS AND PERFORM ALL WORK FOR THE PROPER INSTALLATION, MAINTENANCE AND REMOVAL OF TEMPORARY EROSION CONTROL MEASURES NECESSARY TO CONTROL SiltATION.

2. TEMPORARY BRUSH BARRIERS SHALL BE USED AS REQUIRED BUT WILL NOT BE MEASURED FOR SEPARATE PAYMENT.

3. THE USE OF TEMPORARY EROSION CONTROL MEASURES OTHER THAN TEMPORARY BRUSH BARRIERS WILL ONLY BE REQUIRED AND MEASURED FOR SEPARATE PAYMENT WHEN APPROPRIATE PAY ITEMS ARE INCLUDED IN THE BID SCHEDULE OF THE PROPOSAL.

NOTES:

1. BRUSH BARRIER TO BE USED WHERE NATURAL GROUND IS LEVEL OR SLOPING AWAY FROM PROJECT.

2. PLACE BRUSH, LOG AND TREE LAPS APPROXIMATELY PARALLEL TO TOE OF FILL SLOPE WITH SOME OF THE HEAVIER MATERIALS BEING PLACED ON TOP TO PROPERLY SECURE THE BARRIER AS DETAILED AT LOCATIONS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.

3. TO ALLOW WATER TO FLOW THROUGH BRUSH BARRIER, INTERMINGLE THE BRUSH, LOG AND TREE LAPS SO AS NOT TO FORM A SOLID DAM.

4. GEOTEXTILE FABRIC MEETING THE TYPE II MATERIAL REQUIREMENTS AND INSTALLED ACCORDING TO SPECIFICATIONS MAY BE USED WITHOUT WIRE FENCE.

5. WIRE SHALL BE MINIMUM OF 32' IN WIDTH AND SHALL HAVE A MINIMUM OF 6 LINE WIRES WITH 12' STAY SPACING.

6. GEOTEXTILE FABRIC SHALL BE A MINIMUM OF 50' IN WIDTH AND SHALL BE FASTENED TO WIRE AS DIRECTED BY THE ENGINEER.

7. STEEL POST SHALL BE 5'-0' IN HEIGHT AND OF THE SELF-FASTENER ANGLE STEEL TYPE. WOOD POST SHALL BE A MINIMUM OF 5'-0' IN HEIGHT AND 3' OR MORE IN DIAMETER. WIRE FENCE SHALL BE FASTENED TO WOODEN POST WITH NOT LESS THAN 9 GAGE WIRE STAPLES 12" LONG.

8. THE USE OF TEMPORARY EROSION CONTROL MEASURES OTHER THAN TEMPORARY BRUSH BARRIERS WILL ONLY BE REQUIRED AND MEASURED FOR SEPARATE PAYMENT WHEN APPROPRIATE PAY ITEMS ARE INCLUDED IN THE BID SCHEDULE OF THE PROPOSAL.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

TYPICAL TEMPORARY EROSION CONTROL MEASURES

Bales to butt together

Bales to butt together

ELEVATION

OVERLAP EDGES

PLAN

TEMPORARY EROSION CHECKS USING HAY OR STRAW BALES

NOTE: OVERLAP ALL BALE TOPS MINIMUM INTO GROUND AND STAKE 6" x 6" x 36" SECURELY.

COULVERT

DROP INLET

FILL SLOPE

EXISTING GROUND

2-STAKES EACH BALE

EXISTING GROUND

2-STAKES EACH BALE

PLAN

ELEVATION

HILLY SLOPE

FALL OF DITCH (FT) DISTANCE (FT)
0 100
1 2 100
2 4 80
3 6 60
4 8 40
5 10 20

BALLED HAY OR STRAW

NOTE: SIMILAR TREATMENT TO BE USED IN DITCHES.

NOTE: ALL BALES 3' MINIMUM INTO GROUND AND STAKE 12" x 2" x 36" SECURELY.

NOTE: EMBED ALL BALES 3' MINIMUM INTO GROUND AND STAKE (2' X 2' X 36') SECURELY.

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NOTE: ALL BALES 3' MINIMUM INTO GROUND AND STAKE (2' X 2' X 36') SECURELY.

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