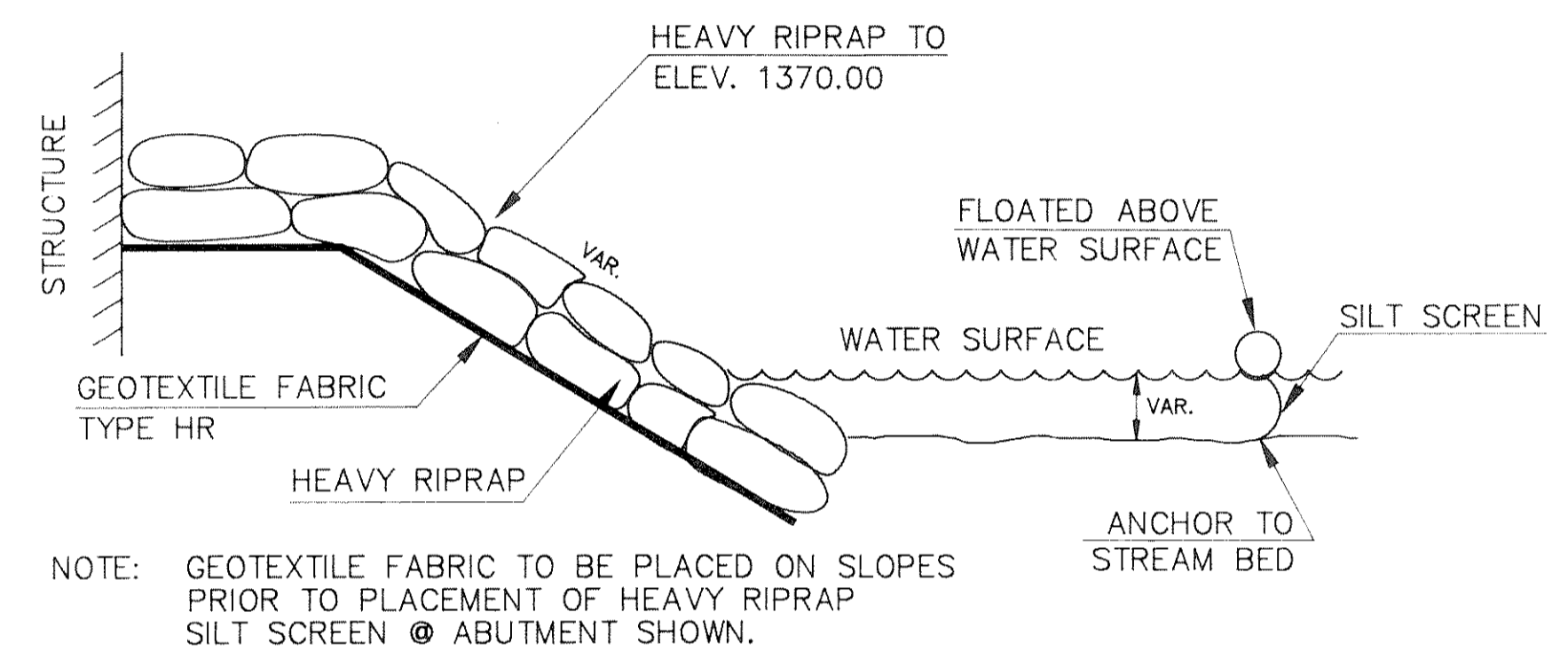
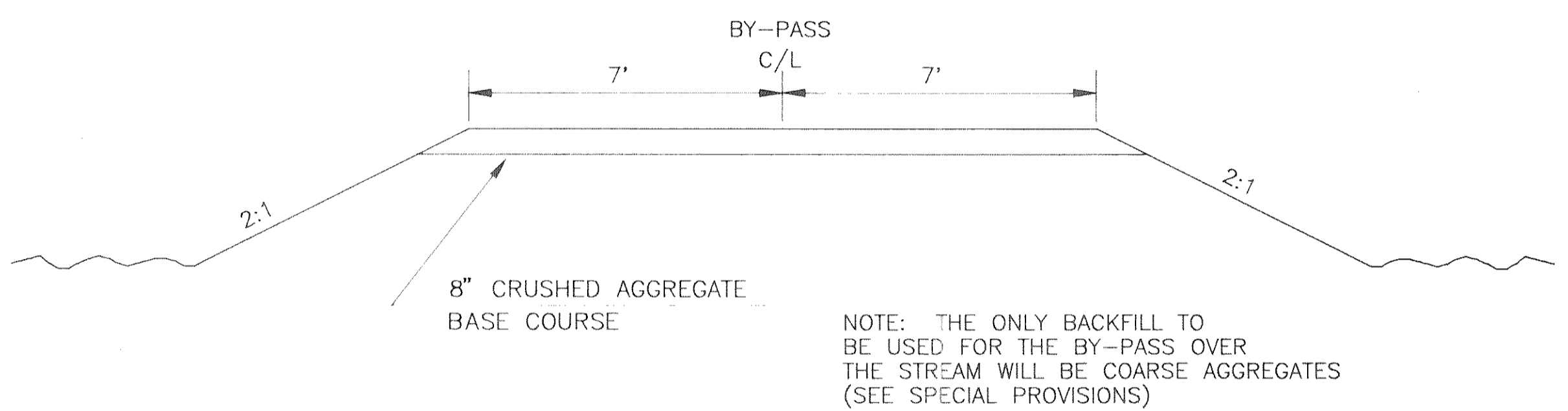


TYPICAL CROSS SECTION



DETAIL FOR SILT SCREEN



TYPICAL BY-PASS CROSS SECTION

STA. 15+12 - 16+05  
STA. 16+27 - 17+20

GENERAL NOTES

EXCAVATION BELOW SUBGRADE (EBS) IS NOT USED TO BALANCE YARDAGE AND IS NOT SHOWN ON THE CROSS SECTIONS BUT IS MEASURED AND PAID FOR AS UNCLASSIFIED EXCAVATION. THE LOCATION OF EBS WILL BE DETERMINED BY THE ENGINEER.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

DISTURBED AREAS WITHIN THE RIGHT OF WAY, EXCLUSIVE OF THE ROADBED, ARE TO BE FERTILIZED AND SEEDING AS DIRECTED BY THE ENGINEER.

SHRINKAGE IS ESTIMATED AT 30% BASED ON VOLUME OF FILL.

SEED MIXTURE NUMBER 10 SHALL BE USED.

EXACT LOCATION OF ENTRANCES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

NO TREES (AND/OR SHRUBS) ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

FILL MATERIAL USED TO CONSTRUCT THE TEMPORARY BY-PASS SHALL BE REMOVED PRIOR TO COMPLETION OF THE PROJECT, PAID FOR AS UNCLASSIFIED EXCAVATION, AND USED AS SIDE SLOPE FILL ON THE NEW APPROACHES.

ORIGIN OF LEVELS - U.S.C.G.S. B.M. C 45. ABOUT 10.6 MILES EAST ALONG S.T.H. 64 FROM MERRILL, LINCOLN COUNTY, ABOUT 100 FEET WEST OF THE JUNCTION WITH C.T.H. "X", IN THE SOUTHWEST CORNER OF THE SPRINGBROOK SCHOOL YARD, ABOUT 50 FEET EAST OF THE STANDARD OIL CO. GASOLINE PUMPS, AND 25 FEET SOUTH OF THE CENTER LINE OF THE HIGHWAY. A STANDARD DISK, STAMPED "C 45 1934" AND SET IN THE TOP OF A CONCRETE POST PROJECTING ABOUT 3 INCHES ABOVE GROUND - ELEV. = 1425.19

DETAIL SUMMARY OF MISCELLANEOUS QUANTITIES

**CRUSHED AGGREGATE BASE COURSE**

STATION TO STATION	LOCATION	C.Y.
14+50 - 16+08	MAINLINE	140
16+34 - 18+60	MAINLINE	200
15+12 - 16+05	BY-PASS	47
16+27 - 17+20	BY-PASS	47
18+60	P.E. RT.	6

**EROSION BALES**

STATION	LOCATION	EACH
15+75	LT. & RT.	10
16+75	LT.	5
16+85	RT.	5

**WOOD POSTS, 4X4-INCH X 10 FT.**

STATION	LOCATION	EACH
16+08	LT. & RT.	2
16+34	LT. & RT.	2

**COARSE AGGREGATES**

STATION TO STATION	LOCATION	C.Y.
16+05 - 16+27	BY-PASS	120

**SILT SCREEN**

STATION	LOCATION	L.F.
16+09	S. ABUT.	50
16+33	N. ABUT.	50

**SIGNS, TYPE II, REFLECTIVE**

STATION	LOCATION	S.F.
16+08	LT. & RT.	6
16+34	LT. & RT.	6

**GEOTEXTILE FABRIC, TYPE HR**

STATION TO STATION	LOCATION	S.Y.
16+05 - 16+27	BY-PASS	55

**CLEARING**

LOCATION	STA.	STA.
14+00 - 18+00	4	4

**SILT FENCE (SILTY SOILS)**

STATION TO STATION	DELIVERED & INSTALLED L.F.	MAINTENANCE L.F.
14+75 - 16+00 LT. & RT.	250	90
16+50 - 17+25 LT.	75	30
16+80 - 17+25 RT.	45	20
15+50 - 16+00 BY-PASS	50	20
16+25 - 16+75 BY-PASS	50	20

**TOPSOIL, FERTILIZER, SEED & MULCH**

LOCATION	TOPSOIL SQ. YD.	FERTILIZER CWT. (TYPE B)	SEEDING POUND	MULCHING SQ. YD.	TEMPORARY SEEDING POUND
STA. 14+50 TO STA. 16+08	210	0.3	5	210	---
STA. 16+34 TO STA. 18+60	215	0.3	6	215	---
BY-PASS	135	0.2	---	135	3
BORROW PIT	---	0.2	4	---	---

YARDAGE SUMMARY

STAGE 1 - CONSTRUCT TEMPORARY BY-PASS

UNCLASSIFIED EXCAVATION = 23 C.Y.  
FILL = 141 C.Y.  
BORROW EXCAVATION = 160 C.Y.  
SHRINKAGE = 30%

STAGE 2 - CONSTRUCT APPROACHES & REMOVE BY-PASS

UNCLASSIFIED EXCAVATION = 387 C.Y.  
FILL = 229 C.Y.  
WASTE = 89 C.Y.  
SHRINKAGE = 30%

STANDARD DETAIL DRAWINGS

- 8E8-1 TYPICAL INSTALLATIONS OF EROSION BALES
- 8E9-3 SILT FENCE
- 12A3-4 NAME PLATE - STRUCTURES
- 15C1-7 CONSTRUCTION BARRICADES AND STANDARD SIGNS
- 15C2-1 TRAFFIC CONTROL TO CLOSE HIGHWAY UNDER CONSTRUCTION

ABBREVIATIONS

MAX. MIN. O.H. W.S.      MAXIMUM MINIMUM OVERHEAD WATER SURFACE

UTILITIES

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