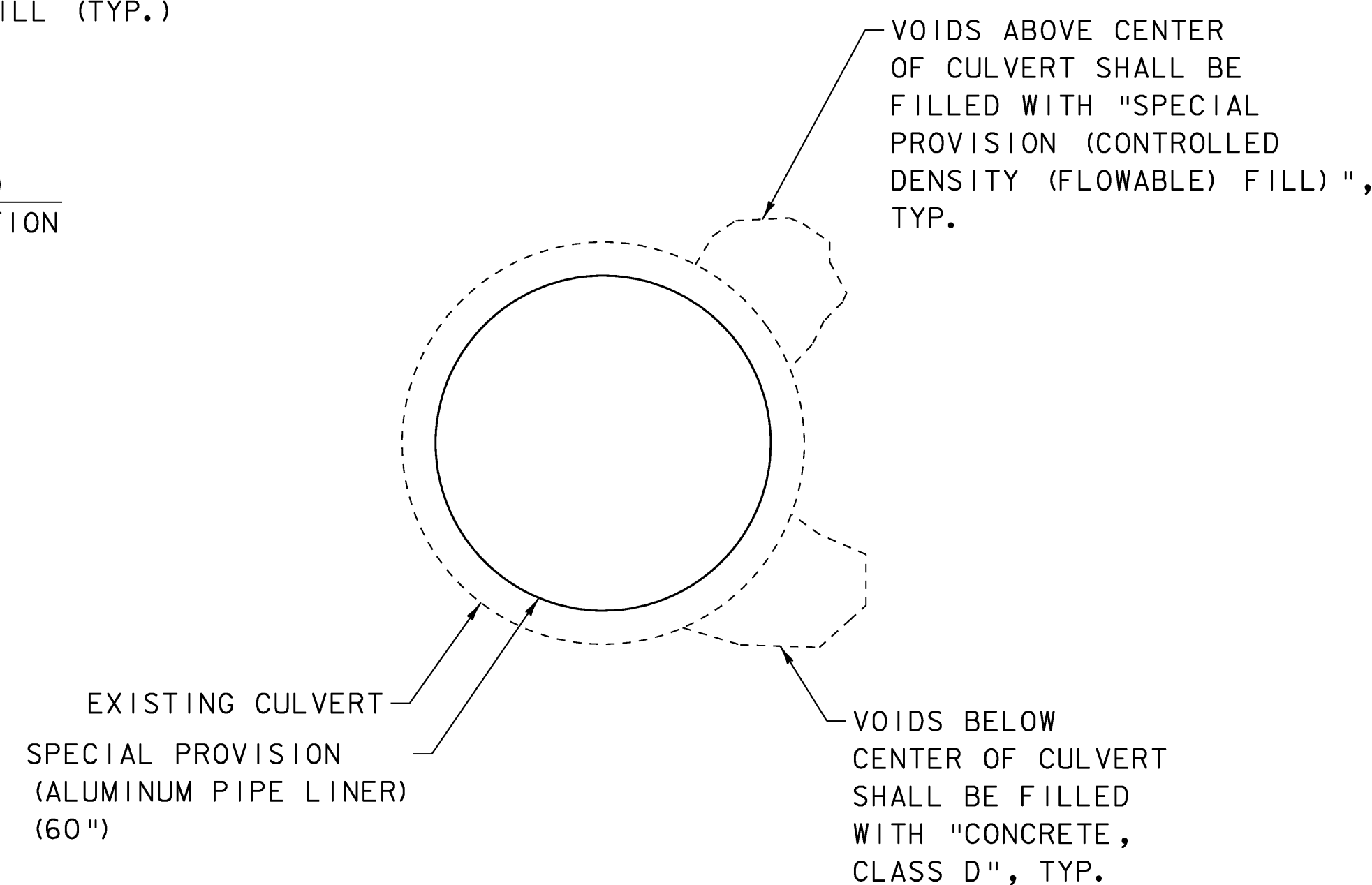


TYPICAL CHANNEL SECTION
NOT TO SCALE

* = 2'-0" FOR STONE FILL, TYPE II OR 4'-0" FOR STONE FILL, TYPE IV
** = TYPE II OR TYPE IV (SEE SITE PLANS FOR DETAILS)



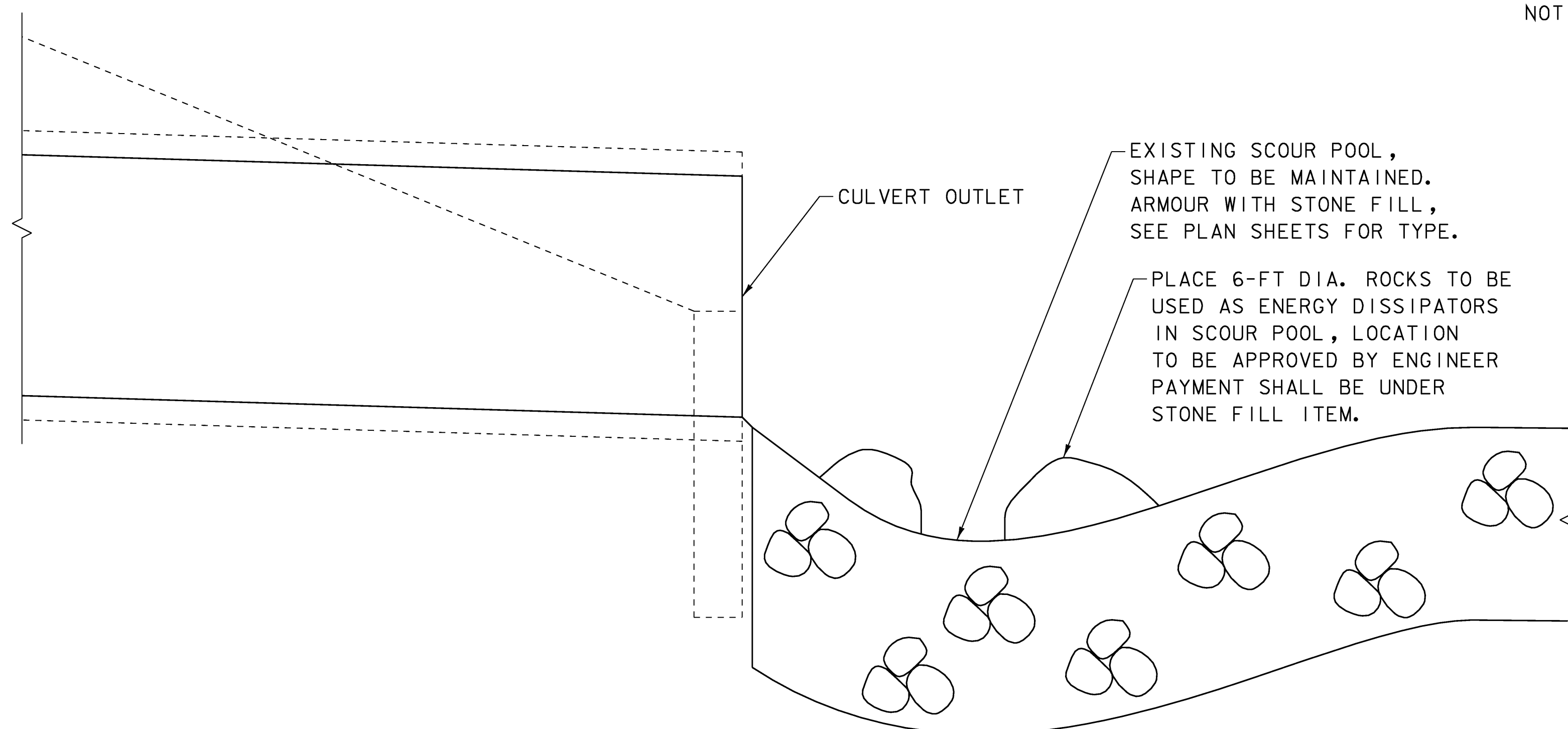
TYPICAL CULVERT SECTION
NOT TO SCALE

SEEDING FORMULA
RURAL AREAS

% WT.	LBS./A.	NAME	PUR %	GERM %
37.5	22.5	CREeping RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
5.0	3.0	RED TOP	95	90
15.0	9.0	BIRDSFOOT TREFOIL	98	85
5.0	3.0	ANNUAL RYEGRASS	95	85
100.0	60.0			

GENERAL NOTES

- SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
- SEED: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER.
- FERTILIZER: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).
- AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.
- HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.
- TOPSOIL: TO BE USED WITH SEED ON DISTURBED AREAS AS DIRECTED BY THE ENGINEER.
- NOTE:
IF A HYDROSEEDER IS USED THE APPLICATION RATES SHALL BE DOUBLED.



SCOUR POOL DETAIL
NOT TO SCALE

STRUCTURE	LOCATION	2008 AADT
HARTFORD 1-89 BR. 9-1	BETWEEN EXITS 1 & 2	18100*
HARTFORD 1-89 BR. 9-2	BETWEEN EXITS 1 & 2	18100*
ROYLATON 1-89 BR. 20-4	BETWEEN EXITS 2 & 3	14900*
RANDOLPH 1-89 BR. 29-1D	EXIT 4 RAMP D	1700

TRAFFIC DATA

*THE AADT INCLUDES BOTH NORTHBOUND AND SOUTHBOUND TRAFFIC. DIVIDE BY 2 TO CALCULATE NB OR SB SEPARATELY. (TRAFFIC IS TYPICALLY SPLIT 50/50 DIRECTIONALLY OVER THE DAY.)

PROJECT NAME: HARTFORD-SHARON
PROJECT NUMBER: IM 089-1(55)

FILE NAME: ppmstyp.dgn PLOT DATE: 15-JAN-2009
PROJECT LEADER: E. P. DETRICK DRAWN BY: R. H. BARNES
DESIGNED BY: A. P. GUYETTE CHECKED BY: E. P. DETRICK
TYPICAL SECTIONS SHEET 2 OF 20