



NOT TO SCALE

STANDARD

D-4

REVISIONS AND CORRECTIONS

DEC. 6, 1971 - ORIGINAL APPROVAL DATE.

JULY 24, 1975 - GRANULAR MATERIAL AT CULVERT LOCATIONS CORRECTED.

OCT. 30, 1985 - REVISED TO CONFORM TO 1986 SPECIFICATIONS.

JUNE 1, 1994 - REISSUED, WITHOUT CHANGE, UNDER NEW SIGNATURES.

AUG 13, 2007 - MINOR CORRECTIONS & REVISIONS DELETED EXTERIOR SERVICE BOX AND CURB STOP, MOVED UNDERDRAIN RISER TO STD D-30.

APPROVED

Kevin J. Marshie
ROADWAY, TRAFFIC & SAFETY ENGINEER

Richard J. Stewart
DIRECTOR OF PROGRAM DEVELOPMENT

Mark D. Kuttler
FEDERAL HIGHWAY ADMINISTRATION

CORRUGATED PIPE END SECTION, ARCH END SECTION, AND ELBOW

GRANULAR MATERIAL AT METAL CULVERT LOCATIONS

TYPICAL WATERFALL FOR CULVERTS

