

ARIZONA DEPARTMENT OF TRANSPORTATION
ROADWAY ENGINEERING GROUP
OFFICE MEMO

September 8, 1998

TO: Roadway Design Personnel
ADOT and Consultants

FROM: Terry H. Otterness
Design Program Manager
Roadway Design Section

RE: Pipe Selection Alternates
HDPE Sizes 42" and 48" Smooth Interior Approved

Designers performing pipe selection in accord with the ADOT *Roadway Design Guidelines*, Appendix A, "Pipe Selection Guidelines and Procedures" are advised that Advanced Drainage Systems, Inc. N- 12 High Density Polyethylene Pipe has been approved for 42" and 48" diameters and may be included as an alternate on the pipe summary. The maximum fill height for HDPE remains at 10' in accordance with FHWA guidelines. The pipe is smooth bore and has a water resistant bell and spigot gasketed joint. Stored specification 1010CHDP is being modified to allow these extra sizes, and will be finalized in four to six weeks; those needing the Specification sooner may obtain a copy of the draft from the C&S team member. The pipe is included in the current ADOT Approved Product List.

Please arrange to include this option as appropriate in your designs.

Please distribute to design personnel in your respective areas. Engineering Consultant Services will distribute to consulting engineering firms.

C.
Roadway Design Section Mgrs.
Bridge Drainage Design
Engineering Consultant Services
Statewide Project Management
Valley Freeway Group
Local Government Section
Construction Group
Districts
FHWA
Al Zubi