F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	_____	___	___	_____

_____

NOTE:
THE ZEROS IN PARENTHESIS (0, 0.0 & 0.00) IN THE HEADING OF SOME OF THE COLUMNS IS THE PRECISION OF THE DIMENSION FOR THAT COLUMN.

NOTE:
FOR PIPE CULVERT PLACEMENT SEE STANDARD DRAWINGS C-13.10 AND C-13.15

NOTE:
PIPE OPTIONS SELECTED ARE THOSE REQUIRED TO MEET MINIMUM SERVICE LIFE.
SHADED PIPE OPTION FIELDS ARE NOT ALLOWABLE ALTERNATES.

CHDPEP

DESCRIPTION									CSP						CAP			BSP		
					In.	Ft.	Degree		In.	Coating					In.			In.		
Location, Station	Plan Ref Number FS	◒ Controlling Fill Height Range	C-Corrugated / S-Smooth	Size	Length (0)	Skew (0)	C-16.40 Irrigation Sleeve	Detail	◪ Corrugation	Wall Thickness (0.00)	Zinc	Bituminous Coated	Aluminum	Bit. Coated Aluminum	◪ Corrugation	Wall Thickness (0.00)	Uncoated	Bituminous Coated	Size (0)	Wall Thickness (0.00)	AASHTO M-294 Type C	AASHTO M-294 Type S
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			S	_____																	_	_
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			S	_____																	_	_
Sheet Total					____																	

FILL HEIGHT RANGE TABLE (Ft.)												
RANGE NO.		1	2	3	4	5	6	7	8	9	10	11	12
FILL	>	1	3	5	8	11	15	20	25	30	40	55	70
HEIGHT (Ft.)	≤	3	5	8	11	15	20	25	30	40	55	70	90

◒ SHOULD FIELD CONDITIONS VARY FROM THE RANGE INDICATED, CONTACT DESIGN FOR RE-EVALUATION OF PIPE DESIGN REQUIREMENTS.

◪ PIPE CORRUGATION			
A	2⅔x½	D	6x2
B	3x1	E	3x1 or 9x2½
C	9x2½		

CSP - CORRUGATED STEEL PIPE
CAP - CORRUGATED ALUMINUM PIPE
BSP - BLACK STEEL PIPE
CHDPEP - CORRUGATED HIGH DENSITY POLYETHYLENE PIPE

NOTE:
PIPE OPTIONS SELECTED ARE THOSE REQUIRED TO MEET MINIMUM SERVICE LIFE.
SHADED PIPE OPTION FIELDS ARE NOT ALLOWABLE ALTERNATES.

CHDPEP

DESCRIPTION									CSP						CAP			BSP		
					In.	Ft.	Degree		In.	Coating					In.			In.		
Location, Station	Plan Ref Number FS	◒ Controlling Fill Height Range	C-Corrugated / S-Smooth	Size	Length (0)	Skew (0)	C-16.40 Irrigation Sleeve	Detail	◪ Corrugation	Wall Thickness (0.00)	Zinc	Bituminous Coated	Aluminum	Bit. Coated Aluminum	◪ Corrugation	Wall Thickness (0.00)	Uncoated	Bituminous Coated	Size (0)	Wall Thickness (0.00)	AASHTO M-294 Type C	AASHTO M-294 Type S
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			S	_____																	_	_
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			S	_____																	_	_
Sheet Total					____																	

	NAME	DATE
DESIGN	_____	_____
DRAWN	_____	_____
CHECKED	_____	_____
TEAM LEADER	_____	_____
_____	_____	_____
_____	_____	_____

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SECTION

~~PIPE SLEEVE SUMMARY SHEET &~~
_____
_____

ROUTE _____ LOCATION _____

SHEET ___ OF ___

TRACS NO. _____ _____ ____ OF ____

REV. DATE: 09-09-2004

SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE