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.

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

DESCRIPTION									CSP							CAP			BSP		CHDPEP
					In.	Ft.	Degree		In.	Coating						In.			In.		
Location, Station	Plan Reference Number	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 Zinc	Aluminum	Bituminous 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	_____																	_	_
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			S	_____																	_	_
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			S	_____																	_	_
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			S	_____																	_	_
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			S	_____																	_	_
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			S	_____																	_	_
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			S	_____																	_	_
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			S	_____																	_	_
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			S	_____																	_	_
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			S	_____																	_	_
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			S	_____																	_	_
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			S	_____																	_	_
Sheet Total					____																	

DESCRIPTION									CSP							CAP			BSP		CHDPEP
					In.	Ft.	Degree		In.	Coating						In.			In.		
Location, Station	Plan Reference Number	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 Zinc	Aluminum	Bituminous 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	_____																	_	_
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
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_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			S	_____																	_	_
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			S	_____																	_	_
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			S	_____																	_	_
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			S	_____																	_	_
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			S	_____																	_	_
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			S	_____																	_	_
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			S	_____																	_	_
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			S	_____																	_	_
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			S	_____																	_	_
_____	___	_____	C	_____	____	_____	_	_	_	____	_	_	_	_	_	____	_	_	____	____	_	_
_____			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		

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

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SECTION

NEW PIPE SLEEVE
SUMMARY SHEET

ROUTE _____ LOCATION _____

SHEET ___ OF ___

TRACS NO. _____ _____ ____ OF ____

REV. DATE: 09-09-2004

DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO.

10/14/2004 d:\Summary Sheets\sm5sv1.dgn