

REV. DATE: 05/03/2010

DATE: _____ LOCATION: _____ REVISIONS: _____ FINISHED PLANS: _____ SURVEY NO. _____

NOTE:
THE ZEROS IN PARENTHESES (0, 0.0 & 0.000) INDICATE THE DIMENSIONAL PRECISION 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. ALLOWABLE PIPE OPTIONS ARE INDICATED WITH THE LETTER 'X' IN THE SPACE. BLANK SPACES ARE NOT ALLOWABLE ALTERNATES.

CSP - CORRUGATED STEEL PIPE
CAP - CORRUGATED ALUMINUM PIPE
RCP - REINFORCED CONCRETE PIPE
NRCP - NON-REINFORCED CONCRETE PIPE
NRCPCP - NON-REINFORCED CAST-IN-PLACE CONCRETE PIPE
CHDPEPP - CORRUGATED HIGH-DENSITY POLYETHYLENE PLASTIC PIPE

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

Station	Plan Reference Number	Controlling Fill Height Range	Size, Corrugated	Size, Smooth	Length (0)	Skew (0)	DESCRIPTION		CSP			CAP			RCP			END TREATMENT			QUANTITIES		REMARKS																					
							In.	In.	Ft.	Degree	In.	Coating	In.			In.			Each	Catch Basin, Manhole, Headwall & Junction Structure		Cubic Yard																						
																					Ft.	Grate																						
							Corrugation	Zinc	Bituminous Coated Zinc	Aluminum	Bituminous Coated Aluminum	Uncoated	Bituminous Coated	Class - Non-Trench	Class - Trench	Class	Minimum Wall Thickness	AASHTO M-294 Type C	AASHTO M-294 Type S	C-13.20 & C-13.25	Detail	Size, (In.) Manhole	Standard or Detail	S-Single / D-Double	Location	H (0.0)	L Wing (0.0)	L 18" Slotted Drain (0)	L 24" Slotted Drain (0)	Type	Elevation (0.00)	Depth	In.	Ft.	L (0.0)	Ft.	Pipe Excavation (0)	Inlet Depression C-15.1.70	Pipe Excavation (0)	Pipe Backfill (0) C-13.15	Drainage Excavation (0)	Berm/Dike Embankment (0)		
Sheet Total																																												

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.

<input checked="" type="checkbox"/> A	2 2/3 x 1/2	D	6 x 2
<input type="checkbox"/> B	3 x 1	E	3 x 1 or 9 x 2 1/2
<input type="checkbox"/> C	9 x 2 1/2		

DESIGN	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY DESIGN SECTION
DRAWN			
CHECKED			
TEAM LEADER			
ROUTE	LOCATION		NEW PIPE SUMMARY SHEET &
TRACS NO.			SHEET OF

NORMAL - TBL