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

CSP - CORRUGATED STEEL PIPE

| DESCRIPTION | | | | | | | | | | | | | | | | | | | CSP | | | | | | END TREATMENT | | | | | | | | | | | | | | | | QUANTITIES | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | In. | Ft. | Degree | Each | Ft. | | | | | | | | | | | Ft. | | In. | | | | Each | | | | | | | | | | | | | | | | Cubic Yard | | | | | |
| | | | | | | | | Remove Existing Pipe | | | | | | | | | | | Extend | | | | | | End Section | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | C-13.25 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Catch Basin, Manhole, Headwall & Junction Structure | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Ft. | | | Grate | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Ft. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Station | Plan Reference Number | Controlling Fill Height Range | Size | Length in Place (0.0) | Skew (0) | Remove & Salvage End Section | Remove Headwall | Left (0.0) | Right (0.0) | Left (0) | Right (0) | Corrugation | Wall Thickness (0.00) | Zinc | Aluminum | Bituminous | Reset Salvaged End Section | New | Detail ------ | Size, (In.) Manhole | Standard ------ or Detail ------ | S-Single / D-Double | Location | H (0.0) | L Wing (0.0) | L 18" Slotted Drn (0) | L 24" Slotted Drn (0) | Type | Elevation (0.00) | Depth | In. | Ft. | L (0.0) | Inlet Depression C-15.10 | Pipe Excavation (0) | Pipe Backfill (0) C-13.15 | Drainage Excavation (0) | Berm Embankment (0) | Dike Embankment (0) | REMARKS |
| _____ | ___ | _____ | _____ | _____ | _____ | _ | _ | ____ | ____ | ____ | ____ | _ | _____ | _ | _ | _ | _ | _ | _ | ____ | _____ | _ | _____ | _____ | ____ | ____ | ____ | _____ | _____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ | _____ |
| _____ | ___ | _____ | _____ | _____ | _____ | _ | _ | ____ | ____ | ____ | ____ | _ | _____ | _ | _ | _ | _ | _ | _ | ____ | _____ | _ | _____ | _____ | ____ | ____ | ____ | _____ | _____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ | _____ |
| _____ | ___ | _____ | _____ | _____ | _____ | _ | _ | ____ | ____ | ____ | ____ | _ | _____ | _ | _ | _ | _ | _ | _ | ____ | _____ | _ | _____ | _____ | ____ | ____ | ____ | _____ | _____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ | _____ |
| _____ | ___ | _____ | _____ | _____ | _____ | _ | _ | ____ | ____ | ____ | ____ | _ | _____ | _ | _ | _ | _ | _ | _ | ____ | _____ | _ | _____ | _____ | ____ | ____ | ____ | _____ | _____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ | _____ |
| _____ | ___ | _____ | _____ | _____ | _____ | _ | _ | ____ | ____ | ____ | ____ | _ | _____ | _ | _ | _ | _ | _ | _ | ____ | _____ | _ | _____ | _____ | ____ | ____ | ____ | _____ | _____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ | _____ |
| _____ | ___ | _____ | _____ | _____ | _____ | _ | _ | ____ | ____ | ____ | ____ | _ | _____ | _ | _ | _ | _ | _ | _ | ____ | _____ | _ | _____ | _____ | ____ | ____ | ____ | _____ | _____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ | _____ |
| 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 | | |

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

NOTE:
THE ZEROS IN PARENTHESIS (0, 0.0 & 0.000) IN THE HEADING OF SOME OF THE COLUMNS IS THE PRECISION OF THE DIMENSION FOR THAT COLUMN.

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

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SECTION

_____

_____

CSP PIPE EXT SUMMARY SHEET

ROUTE _____ LOCATION _____

SHEET ___ OF ___

TRACS NO. _____ _____ ____ OF ____

REV. DATE: 09-10-2004

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