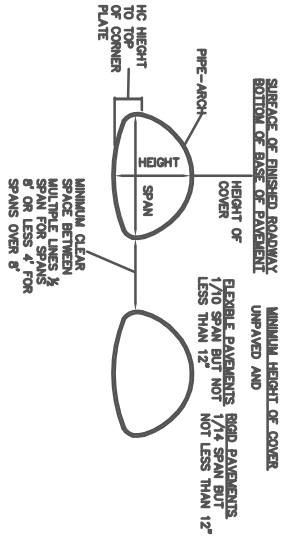
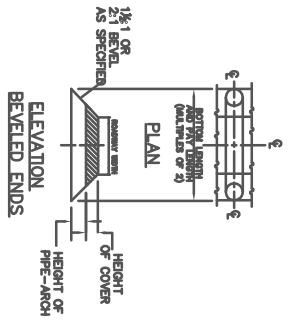


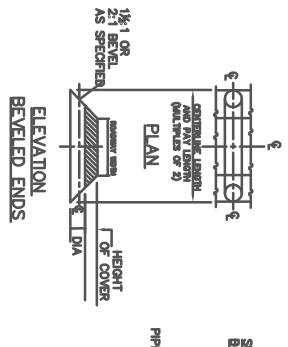
PIPE-ARCH CULVERTS STRUCTURAL PLATE



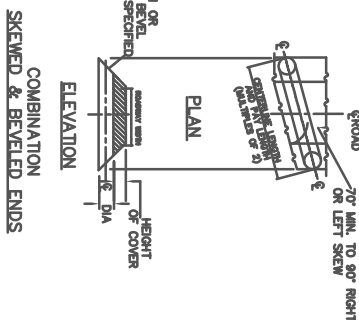
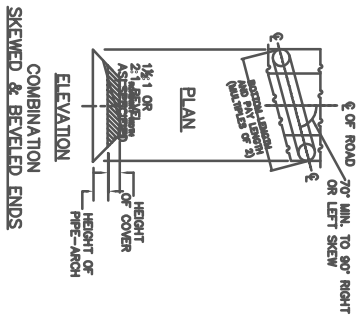
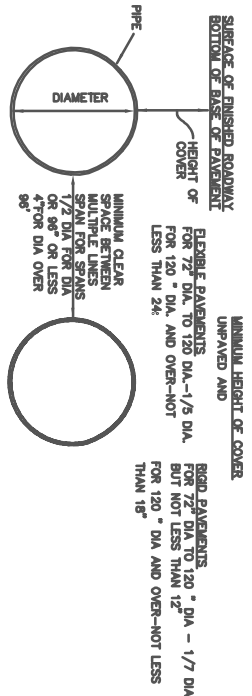
END FINISH



END FINISH



PIPE CULVERT STRUCTURAL PLATE



| DIA | SPAN | MINIMUM HEIGHT OF COVER | | MINIMUM CLEAR SPACE BETWEEN MULTIPLE LINES & SPAN FOR SPANS | |
|-----|------|-------------------------|-------|---|---------|
| | | UNPAVED | PAVED | 8' OR LESS | OVER 8' |
| 12 | 12 | 12 | 12 | 4 | 4 |
| 15 | 15 | 15 | 15 | 4 | 4 |
| 18 | 18 | 18 | 18 | 4 | 4 |
| 21 | 21 | 21 | 21 | 4 | 4 |
| 24 | 24 | 24 | 24 | 4 | 4 |
| 27 | 27 | 27 | 27 | 4 | 4 |
| 30 | 30 | 30 | 30 | 4 | 4 |
| 33 | 33 | 33 | 33 | 4 | 4 |
| 36 | 36 | 36 | 36 | 4 | 4 |
| 39 | 39 | 39 | 39 | 4 | 4 |
| 42 | 42 | 42 | 42 | 4 | 4 |
| 45 | 45 | 45 | 45 | 4 | 4 |
| 48 | 48 | 48 | 48 | 4 | 4 |
| 51 | 51 | 51 | 51 | 4 | 4 |
| 54 | 54 | 54 | 54 | 4 | 4 |
| 57 | 57 | 57 | 57 | 4 | 4 |
| 60 | 60 | 60 | 60 | 4 | 4 |
| 63 | 63 | 63 | 63 | 4 | 4 |
| 66 | 66 | 66 | 66 | 4 | 4 |
| 69 | 69 | 69 | 69 | 4 | 4 |
| 72 | 72 | 72 | 72 | 4 | 4 |
| 75 | 75 | 75 | 75 | 4 | 4 |
| 78 | 78 | 78 | 78 | 4 | 4 |
| 81 | 81 | 81 | 81 | 4 | 4 |
| 84 | 84 | 84 | 84 | 4 | 4 |
| 87 | 87 | 87 | 87 | 4 | 4 |
| 90 | 90 | 90 | 90 | 4 | 4 |
| 93 | 93 | 93 | 93 | 4 | 4 |
| 96 | 96 | 96 | 96 | 4 | 4 |
| 99 | 99 | 99 | 99 | 4 | 4 |
| 102 | 102 | 102 | 102 | 4 | 4 |
| 105 | 105 | 105 | 105 | 4 | 4 |
| 108 | 108 | 108 | 108 | 4 | 4 |
| 111 | 111 | 111 | 111 | 4 | 4 |
| 114 | 114 | 114 | 114 | 4 | 4 |
| 117 | 117 | 117 | 117 | 4 | 4 |
| 120 | 120 | 120 | 120 | 4 | 4 |
| 123 | 123 | 123 | 123 | 4 | 4 |
| 126 | 126 | 126 | 126 | 4 | 4 |
| 129 | 129 | 129 | 129 | 4 | 4 |
| 132 | 132 | 132 | 132 | 4 | 4 |
| 135 | 135 | 135 | 135 | 4 | 4 |
| 138 | 138 | 138 | 138 | 4 | 4 |
| 141 | 141 | 141 | 141 | 4 | 4 |
| 144 | 144 | 144 | 144 | 4 | 4 |
| 147 | 147 | 147 | 147 | 4 | 4 |
| 150 | 150 | 150 | 150 | 4 | 4 |
| 153 | 153 | 153 | 153 | 4 | 4 |
| 156 | 156 | 156 | 156 | 4 | 4 |
| 159 | 159 | 159 | 159 | 4 | 4 |
| 162 | 162 | 162 | 162 | 4 | 4 |
| 165 | 165 | 165 | 165 | 4 | 4 |
| 168 | 168 | 168 | 168 | 4 | 4 |
| 171 | 171 | 171 | 171 | 4 | 4 |
| 174 | 174 | 174 | 174 | 4 | 4 |
| 177 | 177 | 177 | 177 | 4 | 4 |
| 180 | 180 | 180 | 180 | 4 | 4 |
| 183 | 183 | 183 | 183 | 4 | 4 |
| 186 | 186 | 186 | 186 | 4 | 4 |
| 189 | 189 | 189 | 189 | 4 | 4 |
| 192 | 192 | 192 | 192 | 4 | 4 |
| 195 | 195 | 195 | 195 | 4 | 4 |
| 198 | 198 | 198 | 198 | 4 | 4 |
| 201 | 201 | 201 | 201 | 4 | 4 |
| 204 | 204 | 204 | 204 | 4 | 4 |
| 207 | 207 | 207 | 207 | 4 | 4 |
| 210 | 210 | 210 | 210 | 4 | 4 |
| 213 | 213 | 213 | 213 | 4 | 4 |
| 216 | 216 | 216 | 216 | 4 | 4 |
| 219 | 219 | 219 | 219 | 4 | 4 |
| 222 | 222 | 222 | 222 | 4 | 4 |
| 225 | 225 | 225 | 225 | 4 | 4 |
| 228 | 228 | 228 | 228 | 4 | 4 |
| 231 | 231 | 231 | 231 | 4 | 4 |
| 234 | 234 | 234 | 234 | 4 | 4 |
| 237 | 237 | 237 | 237 | 4 | 4 |
| 240 | 240 | 240 | 240 | 4 | 4 |
| 243 | 243 | 243 | 243 | 4 | 4 |
| 246 | 246 | 246 | 246 | 4 | 4 |
| 249 | 249 | 249 | 249 | 4 | 4 |
| 252 | 252 | 252 | 252 | 4 | 4 |
| 255 | 255 | 255 | 255 | 4 | 4 |
| 258 | 258 | 258 | 258 | 4 | 4 |
| 261 | 261 | 261 | 261 | 4 | 4 |
| 264 | 264 | 264 | 264 | 4 | 4 |
| 267 | 267 | 267 | 267 | 4 | 4 |
| 270 | 270 | 270 | 270 | 4 | 4 |
| 273 | 273 | 273 | 273 | 4 | 4 |
| 276 | 276 | 276 | 276 | 4 | 4 |
| 279 | 279 | 279 | 279 | 4 | 4 |
| 282 | 282 | 282 | 282 | 4 | 4 |
| 285 | 285 | 285 | 285 | 4 | 4 |
| 288 | 288 | 288 | 288 | 4 | 4 |
| 291 | 291 | 291 | 291 | 4 | 4 |
| 294 | 294 | 294 | 294 | 4 | 4 |
| 297 | 297 | 297 | 297 | 4 | 4 |
| 300 | 300 | 300 | 300 | 4 | 4 |
| 303 | 303 | 303 | 303 | 4 | 4 |
| 306 | 306 | 306 | 306 | 4 | 4 |
| 309 | 309 | 309 | 309 | 4 | 4 |
| 312 | 312 | 312 | 312 | 4 | 4 |
| 315 | 315 | 315 | 315 | 4 | 4 |
| 318 | 318 | 318 | 318 | 4 | 4 |
| 321 | 321 | 321 | 321 | 4 | 4 |
| 324 | 324 | 324 | 324 | 4 | 4 |
| 327 | 327 | 327 | 327 | 4 | 4 |
| 330 | 330 | 330 | 330 | 4 | 4 |
| 333 | 333 | 333 | 333 | 4 | 4 |
| 336 | 336 | 336 | 336 | 4 | 4 |
| 339 | 339 | 339 | 339 | 4 | 4 |
| 342 | 342 | 342 | 342 | 4 | 4 |
| 345 | 345 | 345 | 345 | 4 | 4 |
| 348 | 348 | 348 | 348 | 4 | 4 |
| 351 | 351 | 351 | 351 | 4 | 4 |
| 354 | 354 | 354 | 354 | 4 | 4 |
| 357 | 357 | 357 | 357 | 4 | 4 |
| 360 | 360 | 360 | 360 | 4 | 4 |
| 363 | 363 | 363 | 363 | 4 | 4 |
| 366 | 366 | 366 | 366 | 4 | 4 |
| 369 | 369 | 369 | 369 | 4 | 4 |
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| 396 | 396 | 396 | 396 | 4 | 4 |
| 399 | 399 | 399 | 399 | 4 | 4 |
| 402 | 402 | 402 | 402 | 4 | 4 |
| 405 | 405 | 405 | 405 | 4 | 4 |
| 408 | 408 | 408 | 408 | 4 | 4 |
| 411 | 411 | 411 | 411 | 4 | 4 |
| 414 | 414 | 414 | 414 | 4 | 4 |
| 417 | 417 | 417 | 417 | 4 | 4 |
| 420 | 420 | 420 | 420 | 4 | 4 |
| 423 | 423 | 423 | 423 | 4 | 4 |
| 426 | 426 | 426 | 426 | 4 | 4 |
| 429 | 429 | 429 | 429 | 4 | 4 |
| 432 | 432 | 432 | 432 | 4 | 4 |
| 435 | 435 | 435 | 435 | 4 | 4 |
| 438 | 438 | 438 | 438 | 4 | 4 |
| 441 | 441 | 441 | 441 | 4 | 4 |
| 444 | 444 | 444 | 444 | 4 | 4 |
| 447 | 447 | 447 | 447 | 4 | 4 |
| 450 | 450 | 450 | 450 | 4 | 4 |
| 453 | 453 | 453 | 453 | 4 | 4 |
| 456 | 456 | 456 | 456 | 4 | 4 |
| 459 | 459 | 459 | 459 | 4 | 4 |
| 462 | 462 | 462 | 462 | 4 | 4 |
| 465 | 465 | 465 | 465 | 4 | 4 |
| 468 | 468 | 468 | 468 | 4 | 4 |
| 471 | 471 | 471 | 471 | 4 | 4 |
| 474 | 474 | 474 | 474 | 4 | 4 |
| 477 | 477 | 477 | 477 | 4 | 4 |
| 480 | 480 | 480 | 480 | 4 | 4 |
| 483 | 483 | 483 | 483 | 4 | 4 |
| 486 | 486 | 486 | 486 | 4 | 4 |
| 489 | 489 | 489 | 489 | 4 | 4 |
| 492 | 492 | 492 | 492 | 4 | 4 |
| 495 | 495 | 495 | 495 | 4 | 4 |
| 498 | 498 | 498 | 498 | 4 | 4 |
| 501 | 501 | 501 | 501 | 4 | 4 |
| 504 | 504 | 504 | 504 | 4 | 4 |
| 507 | 507 | 507 | 507 | 4 | 4 |
| 510 | 510 | 510 | 510 | 4 | 4 |
| 513 | 513 | 513 | 513 | 4 | 4 |
| 516 | 516 | 516 | 516 | 4 | 4 |
| 519 | 519 | 519 | 519 | 4 | 4 |
| 522 | 522 | 522 | 522 | 4 | 4 |
| 525 | 525 | 525 | 525 | 4 | 4 |
| 528 | 528 | 528 | 528 | 4 | 4 |
| 531 | 531 | 531 | 531 | 4 | 4 |
| 534 | 534 | 534 | 534 | 4 | 4 |
| 537 | 537 | 537 | 537 | 4 | 4 |
| 540 | 540 | 540 | 540 | 4 | 4 |
| 543 | 543 | 543 | 543 | 4 | 4 |
| 546 | 546 | 546 | 546 | 4 | 4 |
| 549 | 549 | 549 | 549 | 4 | 4 |
| 552 | 552 | 552 | 552 | 4 | 4 |
| 555 | 555 | 555 | 555 | 4 | 4 |
| 558 | 558 | 558 | 558 | 4 | 4 |
| 561 | 561 | 561 | 561 | 4 | 4 |
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| 567 | 567 | 567 | 567 | 4 | 4 |
| 570 | 570 | 570 | 570 | 4 | 4 |
| 573 | 573 | 573 | 573 | 4 | 4 |
| 576 | 576 | 576 | 576 | 4 | 4 |
| 579 | 579 | 579 | 579 | 4 | 4 |
| 582 | 582 | 582 | 582 | 4 | 4 |
| 585 | 585 | 585 | 585 | 4 | 4 |
| 588 | 588 | 588 | 588 | 4 | 4 |
| 591 | 591 | 591 | 591 | 4 | 4 |
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| 597 | 597 | 597 | 597 | 4 | 4 |
| 600 | 600 | 600 | 600 | 4 | 4 |
| 603 | 603 | 603 | 603 | 4 | 4 |
| 606 | 606 | 606 | 606 | 4 | 4 |
| 609 | 609 | 609 | 609 | 4 | 4 |
| 612 | 612 | 612 | 612 | 4 | 4 |
| 615 | 615 | 615 | 615 | 4 | 4 |
| 618 | 618 | 618 | 618 | 4 | 4 |
| 621 | 621 | 621 | 621 | 4 | 4 |
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| 627 | 627 | 627 | 627 | 4 | 4 |
| 630 | 630 | 630 | 630 | 4 | 4 |
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| 636 | 636 | 636 | 636 | 4 | 4 |
| 639 | 639 | 639 | 639 | 4 | 4 |
| 642 | 642 | 642 | 642 | 4 | 4 |
| 645 | 645 | 645 | 645 | 4 | 4 |
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| 651 | 651 | 651 | 651 | 4 | 4 |
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| 657 | 657 | 657 | 657 | 4 | 4 |
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| 663 | 663 | 663 | 663 | 4 | 4 |
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| 669 | 669 | 669 | 669 | 4 | 4 |
| 672 | 672 | 672 | 672 | 4 | 4 |
| 675 | 675 | 675 | 675 | 4 | 4 |
| 678 | 678 | 678 | 678 | 4 | 4 |
| 681 | 681 | 681 | 681 | 4 | 4 |
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| 687 | 687 | 687 | | | |