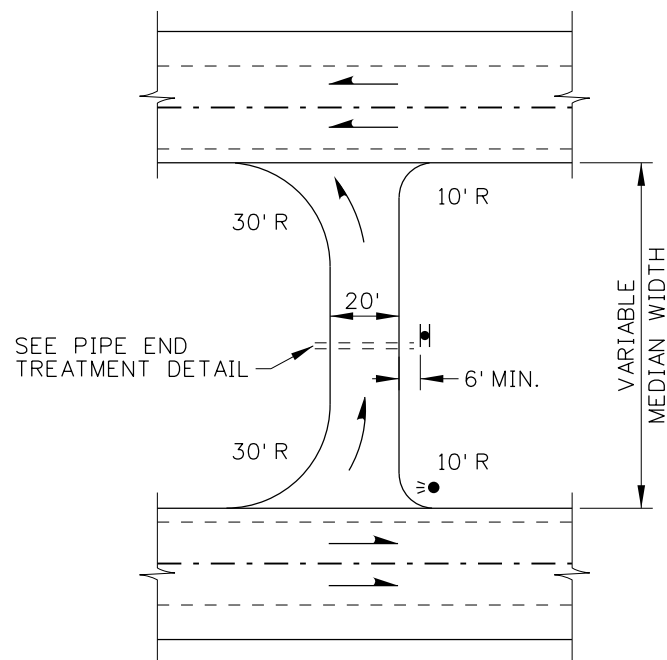
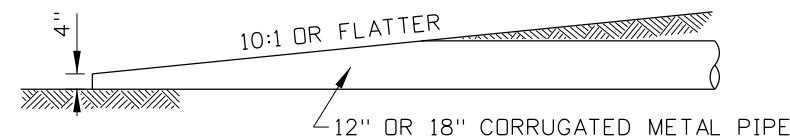


CROSSOVER TYPE A
(DUAL ACCESS)



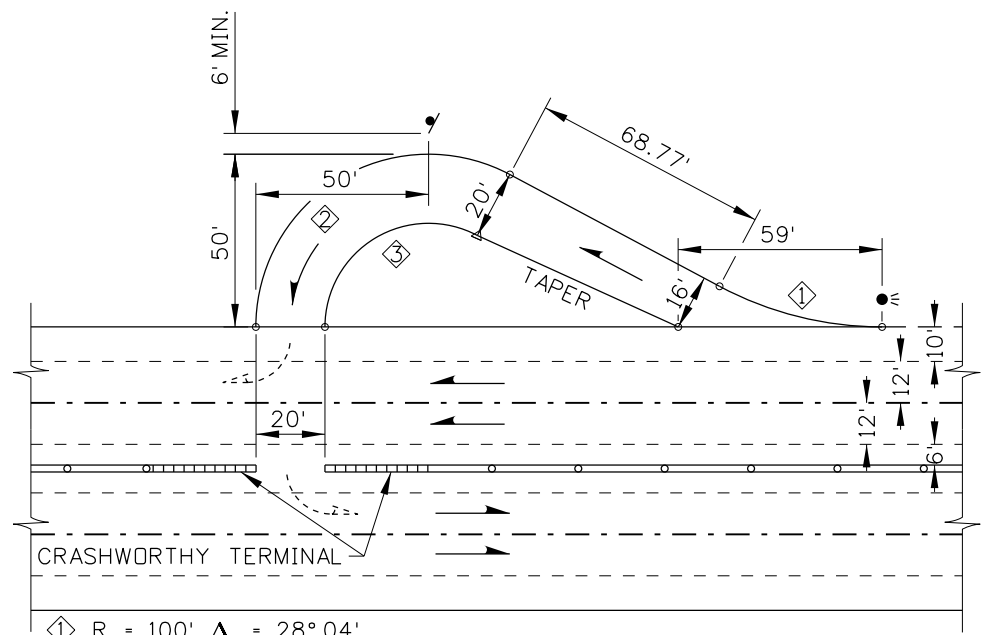
CROSSOVER TYPE B
(SINGLE ACCESS)



PIPE END TREATMENT

NOTES

1. THE FOLLOWING CRITERIA SHALL BE USED IN LOCATING MEDIAN CROSSOVERS:
 - A. MEDIAN CROSSOVERS MAY BE LOCATED AT INTERCHANGES, REST AREAS, AND PORTS OF ENTRY WHEN NECESSARY TO ACCOMMODATE MAINTENANCE EQUIPMENT.
 - B. MEDIAN CROSSOVERS SHOULD NOT BE LOCATED BETWEEN INTERCHANGES SPACED LESS THAN 5 MILES APART AND SHOULD NOT BE SPACED AT INTERVALS CLOSER THAN 3 TO 4 MILES.
 - C. MEDIAN CROSSOVERS SHOULD BE AVOIDED IN URBAN AREAS WHERE THE CLOSE SPACING OF INTERCHANGES ALLOWS AMPLE TURNING OPPORTUNITIES.
 - D. MEDIAN CROSSOVERS SHOULD NOT BE LOCATED CLOSER THAN 1500 FEET FROM THE END OF A SPEED-CHANGE TAPER OF A RAMP, OR ANY STRUCTURE THAT CROSSES OVER THE FREEWAY.
 - E. MEDIAN CROSSOVERS SHALL BE LOCATED WHERE ABOVE-MINIMUM STOPPING SIGHT DISTANCE EXISTS, AND PREFERABLY WILL NOT BE LOCATED ON CURVES REQUIRING SUPERELEVATION.
2. IN AREAS WHERE THE MEDIAN IS LESS THAN 68 FEET BETWEEN SHOULDERS, A MEDIAN CROSSOVER TYPE C MAY BE PROVIDED. IT MAY BE CONSTRUCTED IN CONJUNCTION WITH A SINGLE OR DUAL ACCESS CROSSOVER AS CONDITIONS PERMIT.
3. A MEDIAN CROSSOVER TYPE B SHOULD BE CONSTRUCTED TO SERVICE AUTHORIZED VEHICLES TRAVELING IN ONE DIRECTION. THIS TYPE IS USED NEAR INTERCHANGES, REST AREAS, AND PORTS OF ENTRY. A MEDIAN CROSSOVER TYPE A SHALL BE CONSTRUCTED TO SERVICE AUTHORIZED VEHICLES TRAVELING IN EITHER DIRECTION.
4. THE CROSSOVER SHOULD BE DEPRESSED BELOW SHOULDER LEVEL TO BE INCONSPICUOUS TO TRAFFIC. THE SURFACE MATERIAL SHALL BE A 3/4" AGGREGATE BASE WITH A MINIMUM 6" COMPACTED DEPTH.
5. THE MEDIAN CROSSOVER GRADE SHALL BE -2% FROM THE EDGE OF THE SHOULDER AND BE CARRIED AS FAR AS THE TERRAIN WILL PERMIT. CROSSOVER TYPE C WILL BE GRADED TO BLEND WITH THE EXISTING FREEWAY SHOULDER.
6. THE CROSSOVER SIDE SLOPE SHALL BE 10:1 OR FLATTER. SLOPES SHALL BE BLENDED SMOOTHLY AROUND EACH RADIUS TO AVOID CREATING A DITCH SECTION NEXT TO THE MAINLINE ROADWAY.
7. WHERE MEDIAN BARRIERS ARE EMPLOYED, EACH END OF THE BARRIER AT THE OPENING SHALL HAVE A CRASHWORTHY TERMINAL.
8. DRAINAGE REQUIRING A 12" OR 18" DIAMETER PIPE SHALL BE TAPERED AS SHOWN. DRAINAGE REQUIRING A LARGER PIPE SHALL UTILIZE A DROP INLET AND BE DRAINED ACROSS THE INTERSTATE IF POSSIBLE. IF THE TERRAIN DOES NOT PERMIT CROSS-DRAINAGE, A TRAVERSABLE TAPERED INLET-OUTLET DESIGN SHOULD BE USED. THE DESIGN MUST NOT EXCEED A SLOPE OF 10:1 AND MUST BE TRAVERSABLE TO AN UNCONTROLLED VEHICLE.
9. LOCATE THE AUTHORIZED VEHICLES ONLY SIGN IN THE MEDIAN AT A MINIMUM 6 FEET FROM THE EDGE OF THE CROSSOVER. TWO SIGNS BACK TO BACK SHALL BE MOUNTED ON A BREAKAWAY POST FACING THE MAIN ROUTE TRAFFIC WITH A 7 FOOT CLEARANCE ABOVE THE CROSSOVER SURFACE. ON "CROSSOVER TYPE C" A SINGLE SIGN FACING THE MAIN LINE TRAFFIC SHALL BE MOUNTED. THE BREAKAWAY FEATURE ON THE POST SHALL BE CONSTRUCTED TO ACCOMMODATE THE MAIN ROUTE TRAFFIC.
10. A TYPE 2 YELLOW DELINEATOR SHALL BE PLACED FOR ONE OR BOTH DIRECTIONS OF TRAFFIC FLOW.
11. NOT TO SCALE.



- ⊠ R = 100', Δ = 28° 04'
- ⊠ R = 50', Δ = 118° 04'
- ⊠ R = 30', Δ = 118° 04'

CROSSOVER TYPE C
(NARROW MEDIAN)

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	
DESIGN CHECKED	
DETAILED	
DRAWING CHECKED	
SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	
CADD FILE NAME	
DRAWING DATE:	

IDAHO TRANSPORTATION DEPARTMENT

PROJECT NO. _____

STANDARD DETAIL A-7
MEDIAN CROSSOVERS

English
COUNTY _____
KEY NUMBER _____
SHEET 1 OF 1

NOT APPROVED
PRELIMINARY
FOR CONSTRUCTION