KEY:
SL = STORAGE LENGTH (FEET)
D = DISTANCE BETWEEN ARROWS AND LEGENDS (FEET)

GENERAL NOTES:
1. THESE DETAILS ALSO APPLY TO RIGHT-TURN LINES.
2. FOR DUAL-TURN LINES, DIMENSIONS SHALL BE THE SAME FOR EACH LANE.
3. SL DIMENSION IS FROM STOP LINE TO END OF TURN LANE.
4. WHICH DOES NOT INCLUDE TAPER LENGTH.
4. PAVEMENT ARROWS AND "ONLY" LEGEND WARNINGS ARE TYPICALLY USED AT SIGNALIZED INTERSECTIONS AND AT UNSIGNALIZED INTERSECTIONS WHERE A DEMONSTRATED NEED EXISTS.
5. MINIMUM SL TO SL MAY BE LESS THAN 50 FEET AS DIRECTED BY THE CITY TRAFFIC ENGINEER.

CASE 1
SL ≤ 70
D = SL - 36

CASE 2
70 < SL ≤ 200
D = (SL - 44) / 2

CASE 3
200 < SL ≤ 300
D = (SL - 52) / 2

CASE 4
SL > 300
D = (SL - 132) / 2

SEPTEMBER 2009
CITY OF SAN ANTONIO
DEPARTMENT OF PUBLIC WORKS
TRAFFIC ENGINEERING STANDARDS
LEFT-TURN "ONLY" AND ARROW SPACING WORKSHEET
SHEET 1 OF 4