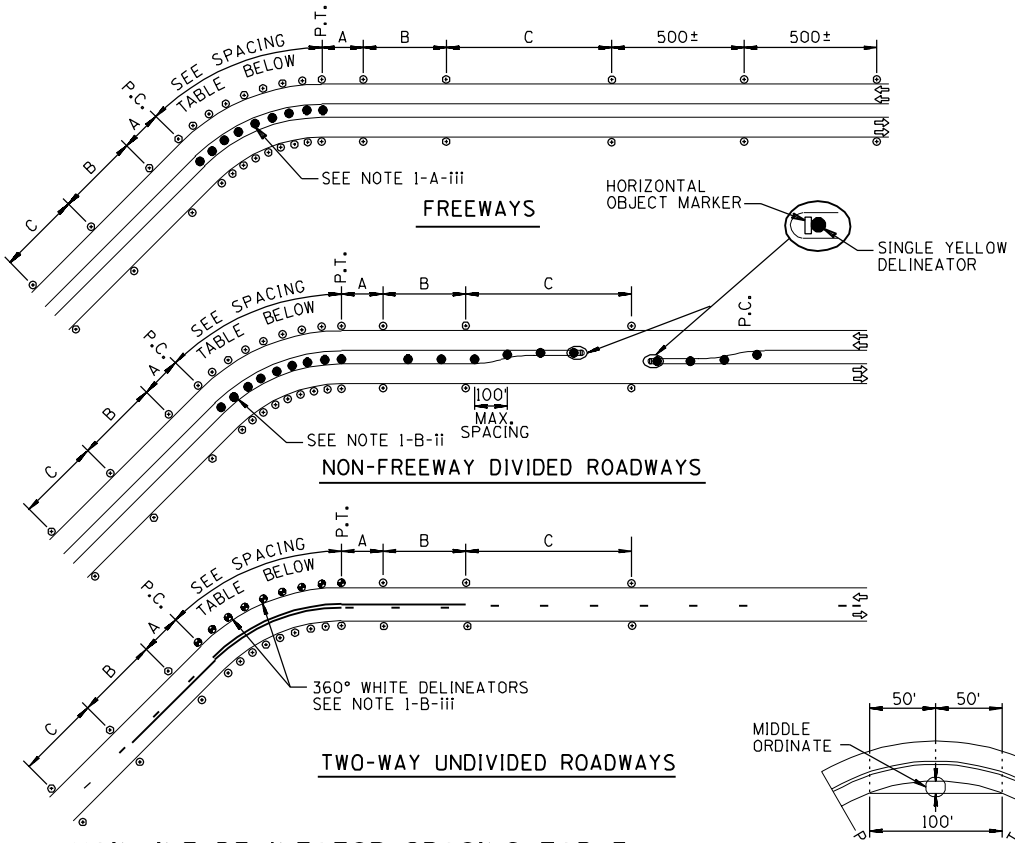
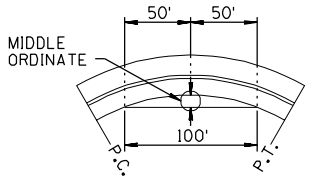
NO	DESCRIPTION OF REVISIONS	MADE BY	DATE
1	TEXT EDITS	L. LOPEZ	5/03
2			
3			
4			





MAINLINE DELINEATOR SPACING TABLE

RADIUS OF CURVE IN FT.	MIDDLE ORDINATE AT INSIDE OF PVMT. EDGE (in.)	SPACING ON CURVE IN FT.	SPACING IN ADVANCE AND BEYOND CURVE IN FT.		
			A	B	C
LESS THAN 150	GREATER THAN 90.55	25	45	75	150
150 - 300	46.85 - 90.55	50	90	150	300
300 - 500	27.95 - 46.85	75	135	250	450
500 - 1000	15.35 - 27.95	100	180	300	500
1000 - 2000	7.48 - 15.35	150	270	450	500
2000 - 3000	4.33 - 7.48	200	360	500	500
3000 - 4000	3.93 - 4.33	250	450	500	500
4000 - 5000	3.14 - 3.93	300	500	500	500
5000 - 6000	2.75 - 3.14	350	500	500	500
6000 - 8000	1.96 - 2.75	400	500	500	500
8000 - 10560	1.18 - 1.96	450	500	500	500
GREATER THAN 10560	LESS THAN 1.18	500	500	500	500

LEGEND:

- ⊕ SINGLE WHITE
- ⊕ 360° WHITE
- ● SINGLE YELLOW
- ▯ TRIPLE HORIZONTAL OBJECT MARKER

NOTES:

1. WHITE AND YELLOW DELINEATORS SHALL BE USED AS GUIDE MARKERS TO INDICATE ROADWAY ALIGNMENT. THEY SHALL ALWAYS MATCH THE COLOR OF THE EDGE LINE AND SHALL BE PLACED AS FOLLOWS:
   - A. FREEWAYS:
     - i. SINGLE WHITE DELINEATORS SHALL BE INSTALLED CONTINUOUSLY ALONG THE RIGHT SIDE EXCEPT WHERE FIXED LIGHTING SOURCE IS IN PLACE.
     - ii. SINGLE WHITE DELINEATORS SHALL BE PLACED ON THROUGH ROADWAYS AT INTERCHANGES REGARDLESS OF A FIXED LIGHTING SOURCE.
     - iii. SINGLE YELLOW DELINEATORS MAY BE PLACED ON THE LEFT SIDES OF SHARP RIGHT HAND CURVES.
   - B. NON-FREEWAYS:
     - i. SINGLE WHITE DELINEATORS SHOULD BE INSTALLED ON THE RIGHT HAND SIDE OF ALL HORIZONTAL CURVES WHERE PRACTICAL EXCEPT WHERE A FIXED LIGHTING SOURCE IS IN PLACE.
     - ii. SINGLE YELLOW DELINEATORS MAY BE PLACED ON THE LEFT SIDE OF DIVIDED ROADWAYS AT SHARP RIGHT HAND CURVES.
     - iii. 360° WHITE DELINEATORS MAY BE PLACED ON THE LEFT SIDE OF UNDIVIDED ROADWAYS AT SHARP RIGHT HAND CURVES.
     - iv. DELINEATORS ARE NOT REQUIRED ON TANGENT SECTIONS; HOWEVER, THEY MAY BE USED ON SHORT TANGENT SECTIONS ADJACENT TO CHANGES IN HORIZONTAL OR VERTICAL ALIGNMENT, OR WHERE THE ALIGNMENT MIGHT BE CONFUSING, OR AT PAVEMENT WIDTH TRANSITIONS.
     - v. DELINEATORS SHOULD BE USED ON SECTIONS OF ROADWAY NOT EDGE STRIPED.
2. SPACING SHOULD BE IN ACCORDANCE WITH THE SPACING TABLE. THE MAXIMUM MAINLINE SPACING SHOULD BE 528 FT.
3. DELINEATORS SHOULD NOT BE INSTALLED WITHIN ONE QUARTER OF THE NORMAL SPACING BEFORE OR BEYOND A MILEPOST MARKER, SIGN OR OTHER REFLECTIVE MARKER THAT SHOWS ROADWAY ALIGNMENT.
4. WHEN A DELINEATOR FALLS WITHIN A CROSSWALK, DRIVEWAY, SIDEWALK OR PULL-OFF, ETC., IT SHALL BE MOVED IN EITHER DIRECTION A DISTANCE NOT TO EXCEED ONE QUARTER OF THE NORMAL SPACING. IF SUITABLE PLACEMENT STILL CANNOT BE OBTAINED, THE DELINEATOR SHALL BE OMITTED.
5. ON FREEWAYS, DOUBLE YELLOW DELINEATORS MAY BE USED TO MARK MEDIAN CROSSOVERS WHERE SUCH IDENTIFICATION IS NECESSARY FOR MAINTENANCE, ENFORCEMENT, OR EMERGENCY PURPOSES.
6. ON NON-FREEWAY DIVIDED ROADWAYS, SINGLE YELLOW DELINEATORS MAY BE PLACED AT MEDIAN OPENINGS WITH LEFT TURN LANES. THE SINGLE YELLOW DELINEATOR AND HORIZONTAL OBJECT MARKER MAY BE MOUNTED ON A SINGLE POST WHEN THE MEDIAN WIDTH IS 4'-0" OR LESS.
7. DELINEATORS SHOULD NOT BE INSTALLED ON NON-FREEWAY ROADWAYS IN URBANIZED AREAS.
8. WHERE DELINEATORS ARE REQUIRED, THERE SHALL BE A MINIMUM OF THREE DELINEATORS CONTINUOUSLY VISIBLE. WHERE THREE DELINEATORS ARE NOT VISIBLE, ADDITIONAL DELINEATORS SHALL BE PLACED AT THE MIDPOINTS BETWEEN NORMALLY SPACED DELINEATORS UNTIL THREE BECOME CONTINUOUSLY VISIBLE.
9. DELINEATORS ARE NOT REQUIRED WHERE THERE ARE GUARDRAIL TABS OR BARRIER MARKERS.
10. FOR TRANSITION LANES REFER TO STANDARD DRAWING M-4.

SHEET 1 OF 2
NOT TO SCALE

DESIGN APPROVED: SIGNATURE ON FILE	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION STANDARD DRAWINGS	REV. 5/03
APPROVED FOR DISTRIBUTION	ROADWAY DELINEATOR PLACEMENT	DRAWING NO. M-26