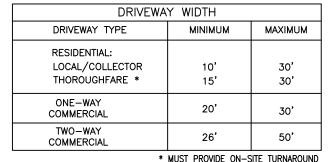
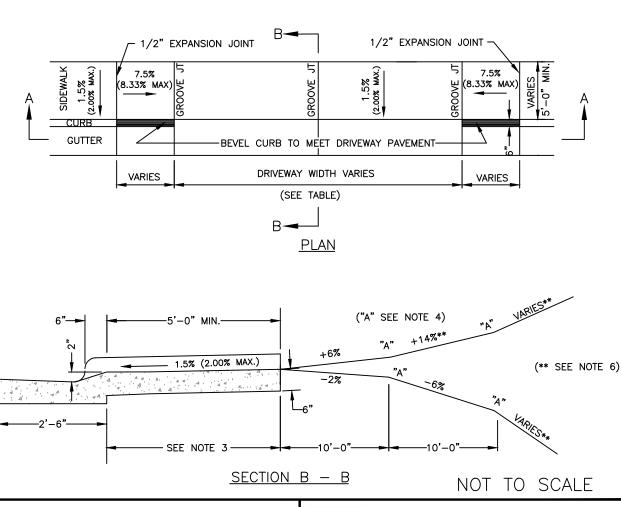


- 1. 1/2" EXPANSION JOINTS REQUIRE INSTALLATION OF ONE 1/2" THICK PIECE OF BITUMINOUS FIBER THROUGH THE ENTIRE SLAB. JOINT MATERIAL SHOULD BE PLACED FLUSH WITH CONCRETE.
- 2. TO LIMIT STORM WATER FLOW DOWN DRIVEWAYS, USE STANDARD 1205C FOR DRIVEWAYS NEAR LOW POINTS.
- 3. ALL DRIVEWAYS MUST MEET THE CURRENT CITY DRIVEWAY REGULATIONS AND NCDOT REQUIREMENTS FOR SPACING, SIGHT DISTANCE AND OFFSETS FROM PROPERTY LINES AND INTERSECTIONS.
- 4. "A" BREAKOVER SHALL BE 8% OR LESS (A = ALGEBRAIC DIFFERENCE).
- 5. PRIOR APPROVAL IS REQUIRED BY CDOT ON GRADES EXCEEDING WHAT ARE SHOWN.
- ** PER NC IFC SECTION D103.2, FIRE APPARATUS ACCESS ROADS SHALL NOT EXCEED 10 PERCENT IN GRADE.

GENERAL NOTES:

- ALL CONCRETE TO BE 3500 P.S.I. COMPRESSIVE STRENGTH.
- ALL CURB, CURB AND GUTTER AND SIDEWALKS ARE TO BE REMOVED TO THE NEAREST JOINT BEYOND NEW CONSTRUCTION OR CUT WITH A SAW AND REMOVED.
- SAW CUT OR JOINT TO BE PERPENDICULAR TO EDGE OF EXISTING PAVEMENT.
- SEE STD. NO 1012 FOR DETAIL OF EXPANSION JOINT AND GROOVE JOINT.





DRIVEWAY WIDTH VARIES

(SEE TABLE BELOW)

SECTION A - A

VARIES

7.5%

(8.33% MAX)

RESIDENTIAL & COMMERCIAL DROP CURB DRIVEWAY WITH SIDEWALK ABUTTING CURB



CITY OF LEXINGTON INFRASTRUCTURE DEVELOPMENT STANDARDS

VARIES.

7.5%

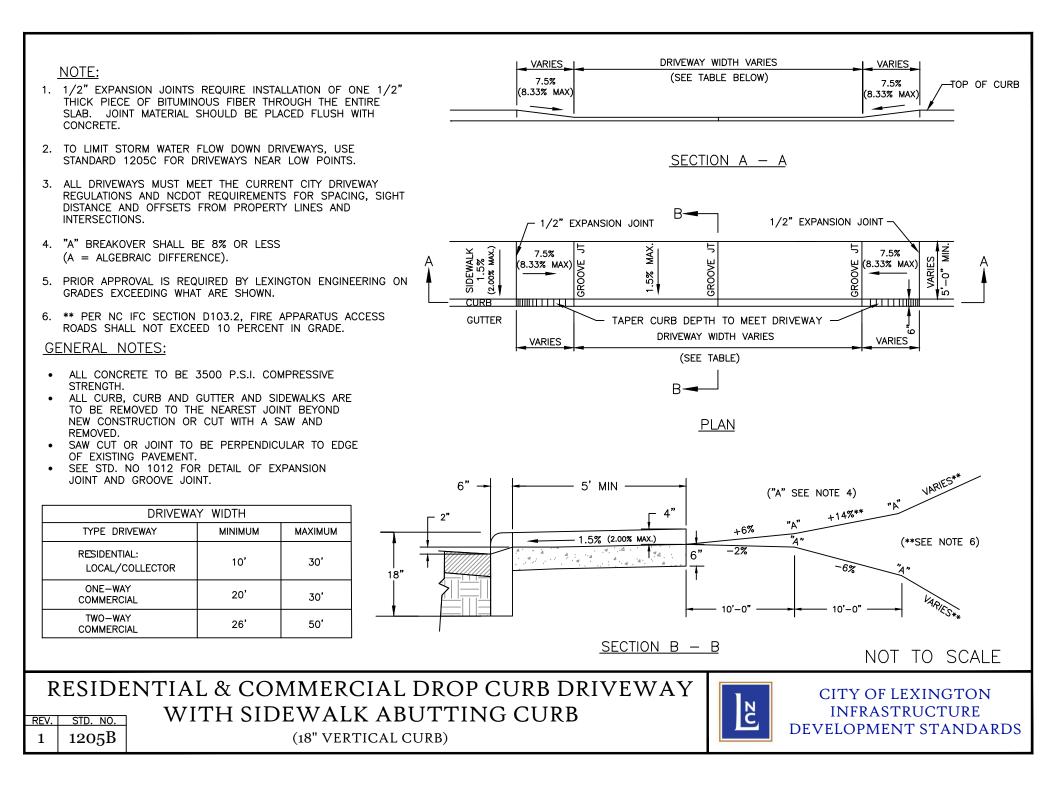
(8.33% MAX)

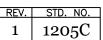
-TOP OF CURB

REV. STD. NO. 1 1205A

(2'-6" CURB AND GUTTER)

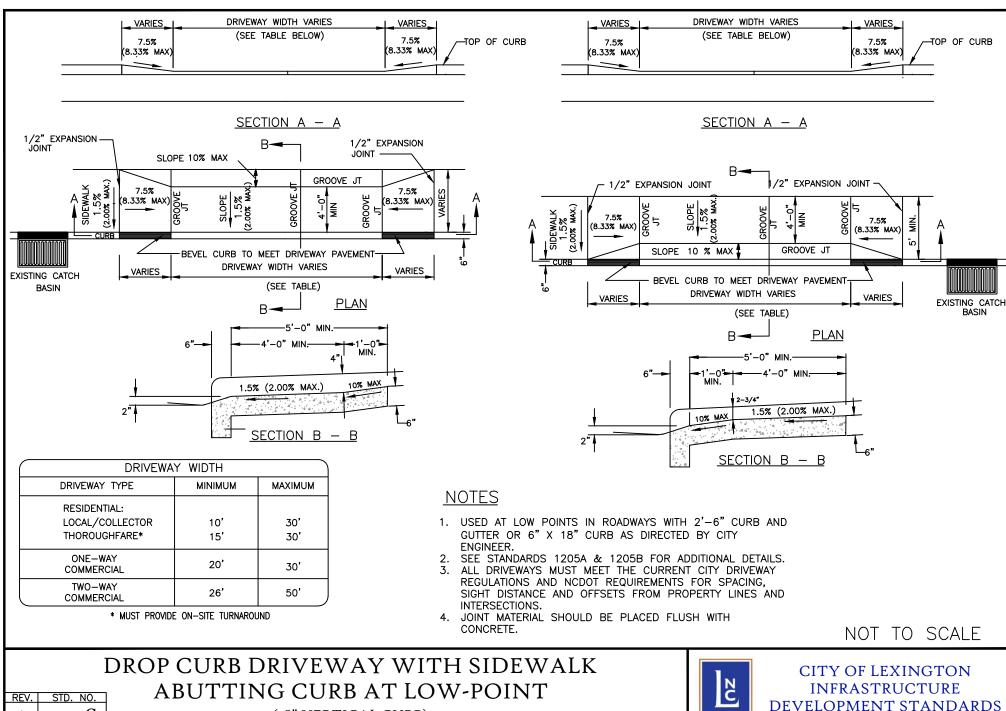
TER)





(18" VERTICAL CURB)





- 1. ALL CONCRETE TO BE 3500 P.S.I. COMPRESSIVE STRENGTH.
- 2. AT ALL DRIVEWAYS, SIDEWALKS TO BE REMOVED TO THE NEAREST JOINT BEYOND NEW CONSTRUCTION OR CUT WITH A SAW AND REMOVED. SAW CUT OR JOINT TO BE PERPENDICULAR TO EDGE OF EXISTING PAVEMENT. SEE STD. NO. 1012 FOR JOINT DETAIL.
- 3. ALL DRIVEWAYS MUST MEET THE CURRENT CITY DRIVEWAY REGULATIONS AND NCDOT REQUIREMENTS FOR SPACING, SIGHT DISTANCE, AND OFFSETS FROM PROPERTY LINES AND INTERSECTIONS.
- 4. "A" BREAKOVER SHALL BE 8% OR LESS (A=ALGEBRAIC DIFFERENCE).
- 5. PRIOR APPROVAL IS REQUIRED BY CDOT ON GRADES EXCEEDING THE GRADES SHOWN ON THIS DETAIL.
- 6. **PER NC IFC SECTION D103.2, FIRE APPARATUS ROADS SHALL NOT EXCEED 10 PERCENT IN GRADE.
- 7. JOINT MATERIAL SHOULD BE PLACED FLUSH WITH CONCRETE.
- 8. THIS DETAIL IS ONLY FOR USE WHEN PLANTING STRIP IS 6' OR LESS IN WIDTH. USE LIDS STD. 1209 WITH LARGER PLANTING STRIP.

DRIVEWAYS CLASSIFICATION			
TYPE DRIVEWAYS	MINIMUM	MAXIMUM	
ONE-WAY COMMERCIAL	20'	30'	
TWO-WAY COMMERCIAL	26'	50'*	

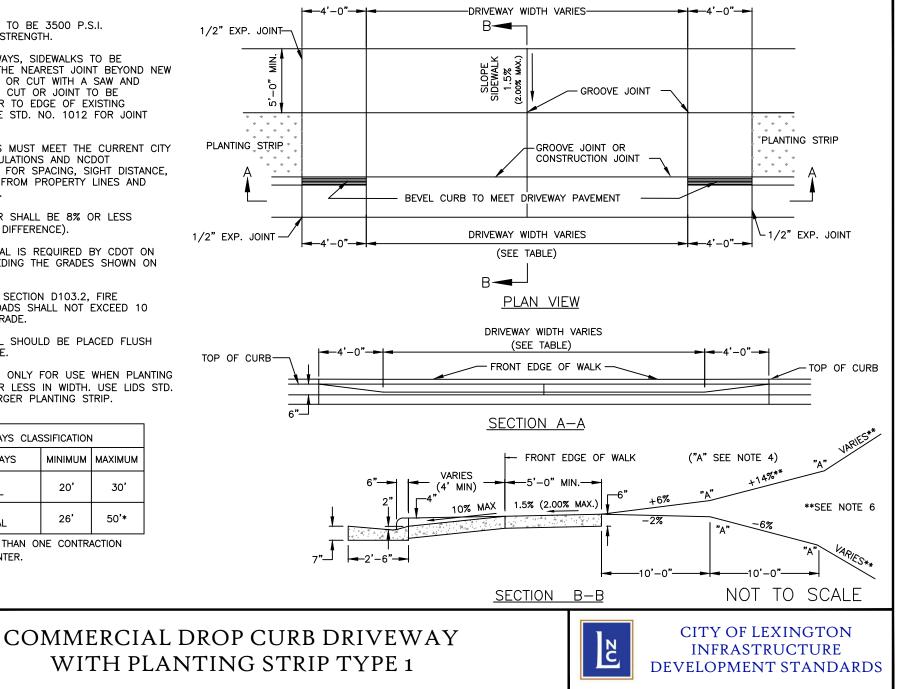
* NEED MORE THAN ONE CONTRACTION JOINT IN CENTER.

STD. NO.

1206

REV.

1



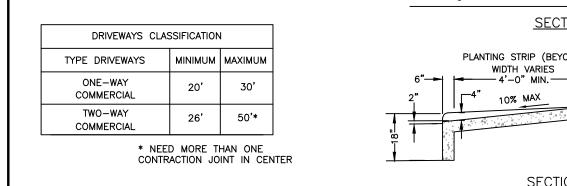
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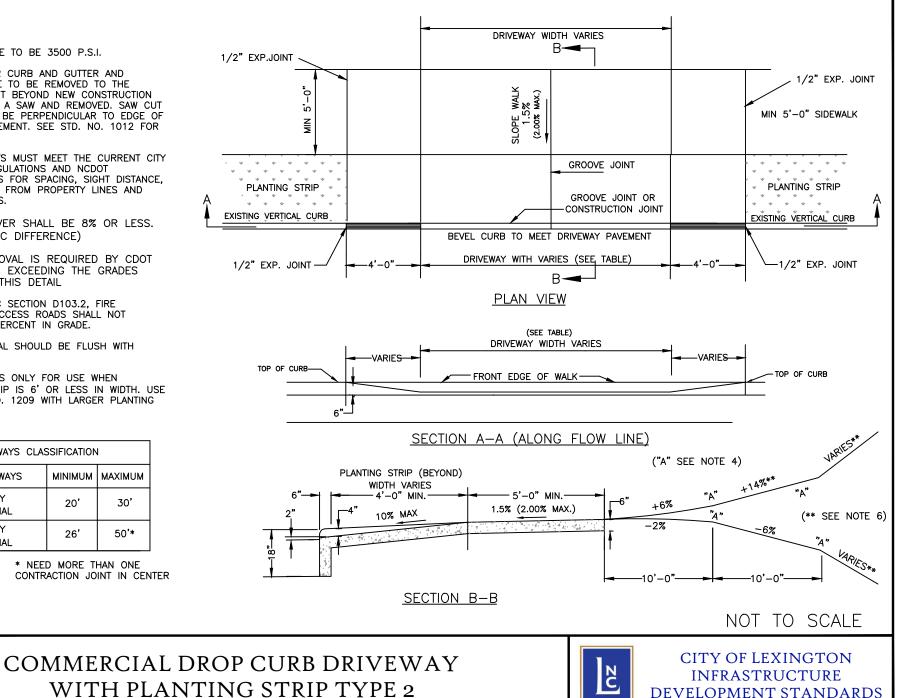
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STD. NO.

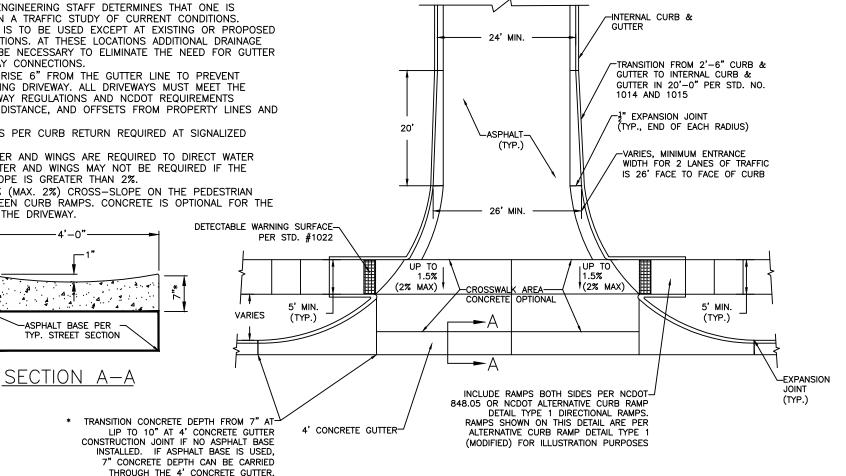
1207

- 1. ALL CONCRETE TO BE 3500 P.S.I.
- ALL CURB OR CURB AND GUTTER AND 2. SIDEWALK ARE TO BE REMOVED TO THE NEAREST JOINT BEYOND NEW CONSTRUCTION OR CUT WITH A SAW AND REMOVED. SAW CUT OR JOINT TO BE PERPENDICULAR TO EDGE OF EXISTING PAVEMENT. SEE STD. NO. 1012 FOR JOINT DETAIL.
- 3. ALL DRIVEWAYS MUST MEET THE CURRENT CITY DRIVEWAY REGULATIONS AND NCDOT REQUIREMENTS FOR SPACING, SIGHT DISTANCE, AND OFFSETS FROM PROPERTY LINES AND INTERSECTIONS.
- "A" BREAKOVER SHALL BE 8% OR LESS. 4. (A=ALGEBRAIC DIFFERENCE)
- 5. PRIOR APPROVAL IS REQUIRED BY CDOT FOR GRADES EXCEEDING THE GRADES SHOWN ON THIS DETAIL
- 6. **PER NC IFC SECTION D103.2, FIRE APPARATUS ACCESS ROADS SHALL NOT EXCEED 10 PERCENT IN GRADE.
- 7. JOINT MATERIAL SHOULD BE FLUSH WITH CONCRETE.
- 8. THIS DETAIL IS ONLY FOR USE WHEN PLANTING STRIP IS 6' OR LESS IN WIDTH. USE DRIVEWAY STD. 1209 WITH LARGER PLANTING STRIP.

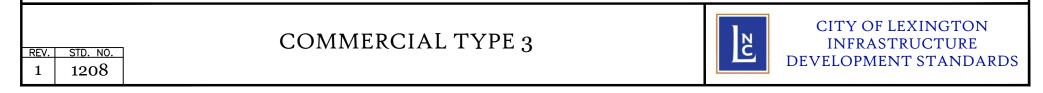




- 1. WHERE A DRIVEWAY IS APPROVED BY THE CITY OF LEXINGTON ENGINEERING STAFF THAT CONNECTS TO AN EXISTING SIGNALIZED INTERSECTION, OR AT A LOCATION WHERE A TRAFFIC SIGNAL INSTALLATION IS PROPOSED BY THE CITY OF LEXINGTON OR NCDOT BASED ON A TRAFFIC IMPACT/SIGNAL WARRANT STUDY, A FULL DEPTH ASPHALT PAVEMENT IS REQUIRED. THIS PAVEMENT DESIGN IS REQUIRED IN THE DRIVEWAY EASEMENT (100-FOOT MINIMUM) TO MAINTAIN DETECTOR LOOPS AND PAVEMENT MARKINGS. A TRAFFIC SIGNAL WILL BE INSTALLED ONLY IF CITY OF LEXINGTON ENGINEERING STAFF DETERMINES THAT ONE IS NECESSARY BASED ON A TRAFFIC STUDY OF CURRENT CONDITIONS.
- A CONCRETE GUTTER IS TO BE USED EXCEPT AT EXISTING OR PROPOSED 2. TRAFFIC SIGNAL LOCATIONS. AT THESE LOCATIONS ADDITIONAL DRAINAGE REQUIREMENTS WILL BE NECESSARY TO ELIMINATE THE NEED FOR GUTTER ACROSS THE DRIVEWAY CONNECTIONS.
- THE DRIVEWAY MUST RISE 6" FROM THE GUTTER LINE TO PREVENT 3. RUNOFF FROM ENTERING DRIVEWAY. ALL DRIVEWAYS MUST MEET THE CURRENT CITY DRIVEWAY REGULATIONS AND NCDOT REQUIREMENTS
- 4. FOR SPACING, SIGHT DISTANCE, AND OFFSETS FROM PROPERTY LINES AND INTERSECTIONS.
- 5. TWO (2) CURB RAMPS PER CURB RETURN REQUIRED AT SIGNALIZED INTERSECTIONS.
- 6. FOUR (4) FOOT GUTTER AND WINGS ARE REQUIRED TO DIRECT WATER ACROSS DRIVE. GUTTER AND WINGS MAY NOT BE REQUIRED IF THE DRIVEWAY GUTTER SLOPE IS GREATER THAN 2%.
- 7. MAINTAIN UP TO 1.5% (MAX. 2%) CROSS-SLOPE ON THE PEDESTRIAN ACCESS ROUTE BETWEEN CURB RAMPS. CONCRETE IS OPTIONAL FOR THE CROSSWALK AREA IN THE DRIVEWAY.

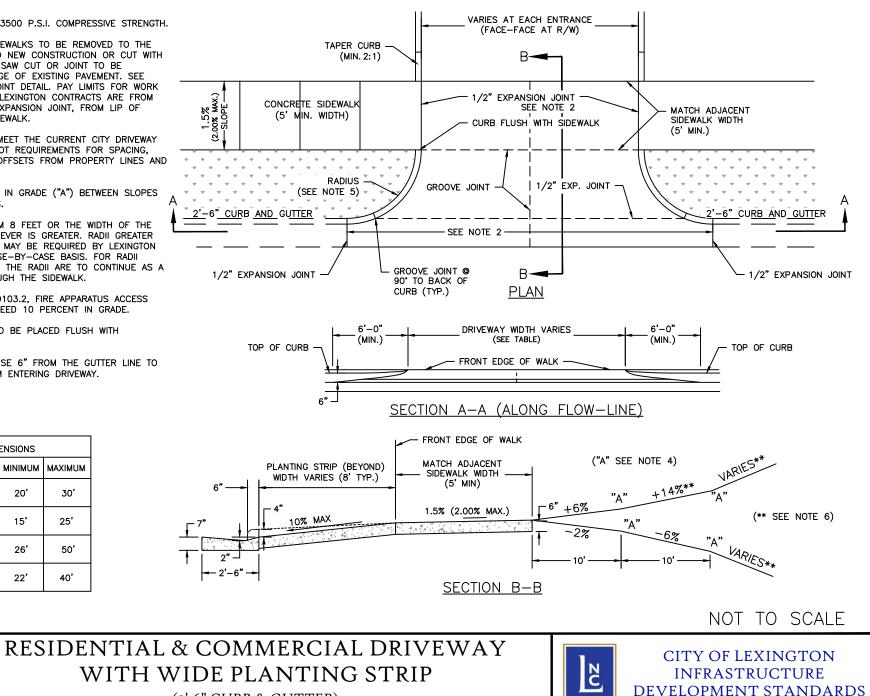


NOT TO SCALE



- 1. ALL CONCRETE TO BE 3500 P.S.I. COMPRESSIVE STRENGTH.
- 2. AT ALL DRIVEWAYS, SIDEWALKS TO BE REMOVED TO THE NEAREST JOINT BEYOND NEW CONSTRUCTION OR CUT WITH A SAW AND REMOVED. SAW CUT OR JOINT TO BE PERPENDICULAR TO EDGE OF EXISTING PAVEMENT. SEE STD. NO. 1012 FOR JOINT DETAIL. PAY LIMITS FOR WORK DONE UNDER CITY OF LEXINGTON CONTRACTS ARE FROM EXPANSION JOINT TO EXPANSION JOINT, FROM LIP OF CURB TO BACK OF SIDEWALK.
- 3. ALL DRIVEWAYS MUST MEET THE CURRENT CITY DRIVEWAY REGULATIONS AND NCDOT REQUIREMENTS FOR SPACING, SIGHT DISTANCE, AND OFFSETS FROM PROPERTY LINES AND INTERSECTIONS.
- 4. ALGEBRAIC DIFFERENCE IN GRADE ("A") BETWEEN SLOPES SHALL BE 8% OR LESS.
- 5. RADII MUST BE MINIMUM 8 FEET OR THE WIDTH OF THE PLANTING STRIP, WHICHEVER IS GREATER. RADII GREATER THAN THESE MINIMUMS MAY BE REQUIRED BY LEXINGTON ENGINEERING ON A CASE-BY-CASE BASIS. FOR RADII GREATER THAN 8 FEET, THE RADII ARE TO CONTINUE AS A BAND AT-GRADE THROUGH THE SIDEWALK.
- 6. PER NC IFC SECTION D103.2, FIRE APPARATUS ACCESS ROADS SHALL NOT EXCEED 10 PERCENT IN GRADE.
- 7. JOINT MATERIAL SHOULD BE PLACED FLUSH WITH CONCRETE.
- 8. THE DRIVEWAY MUST RISE 6" FROM THE GUTTER LINE TO PREVENT RUNOFF FROM ENTERING DRIVEWAY.

DRIVEWAY DIMENSIONS		
OPERATION/RADIUS	MINIMUM	MAXIMUM
ONE-WAY WITH 6-12 FT. RADII	20'	30'
ONE-WAY WITH 13+ FT. RADII	15'	25'
TWO-WAY WITH 6-12 FT. RADII	26'	50'
TWO-WAY WITH 13+ FT. RADII	22'	40'



REV. STD. NO. 1 1209

(2'-6" CURB & GUTTER)

