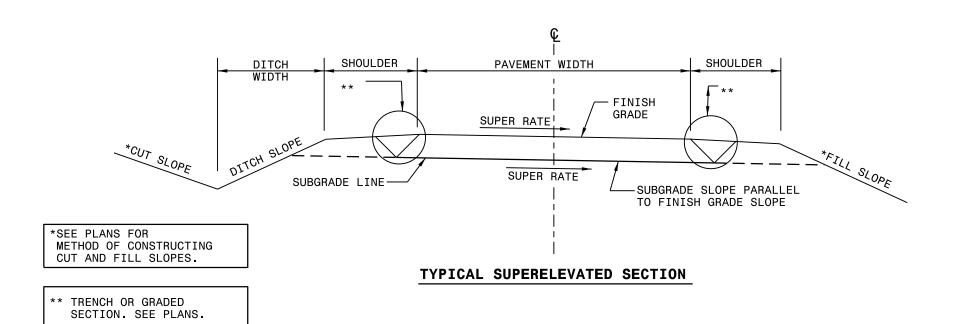


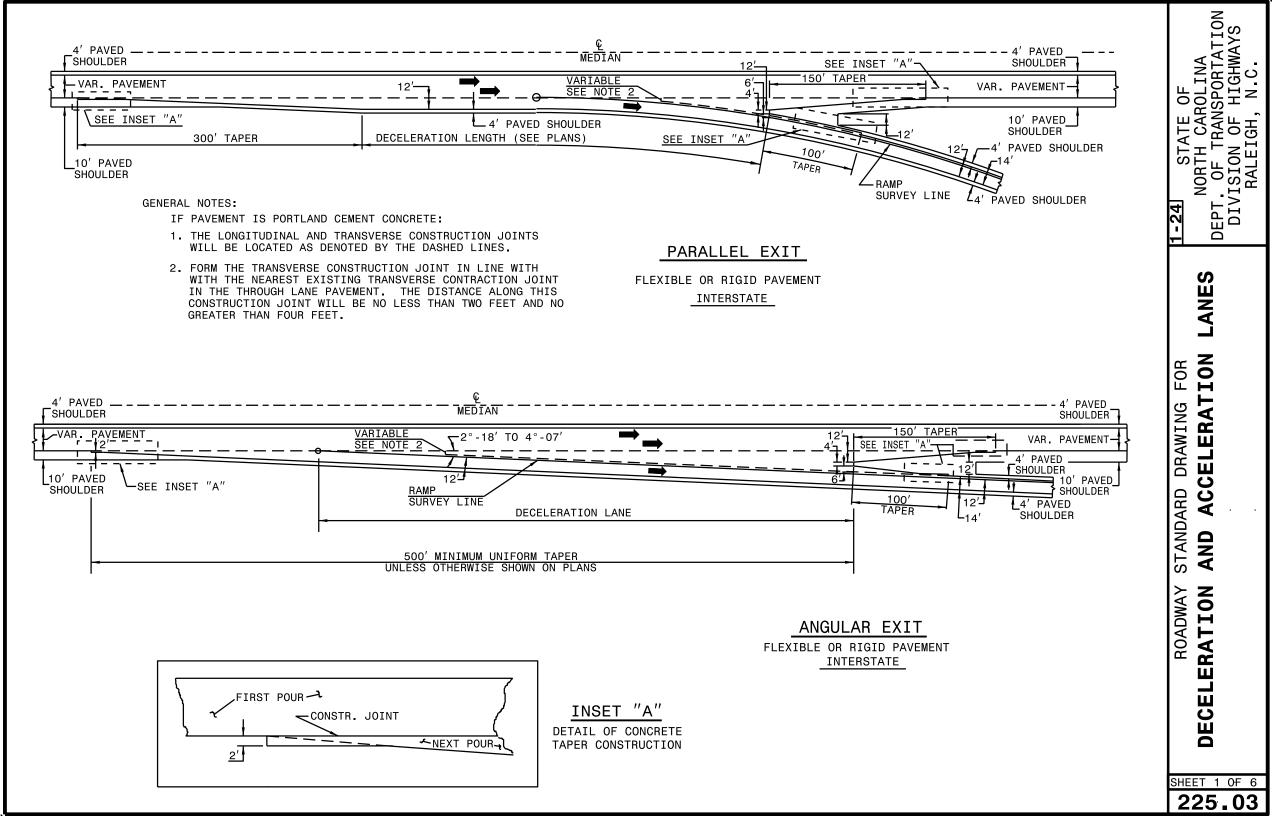
## TYPICAL NORMAL CROWN SECTION

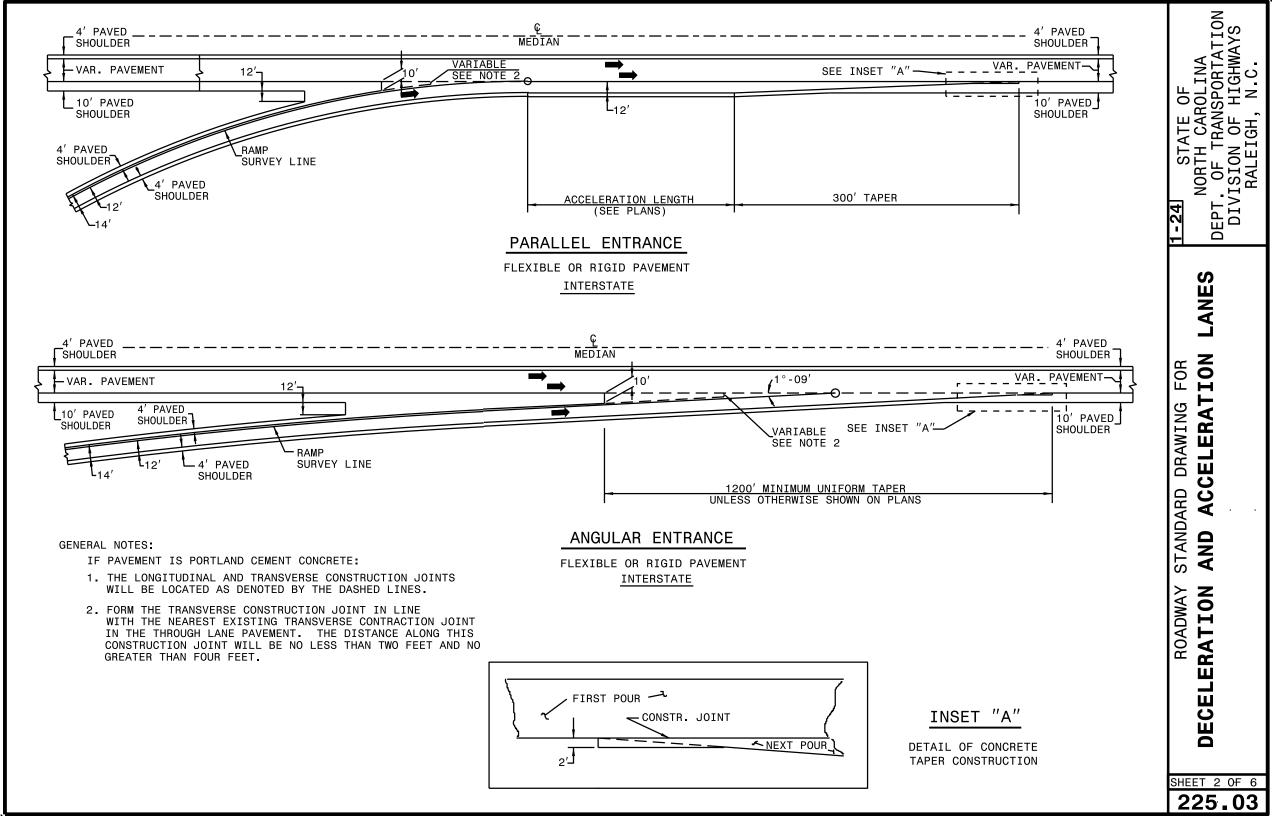


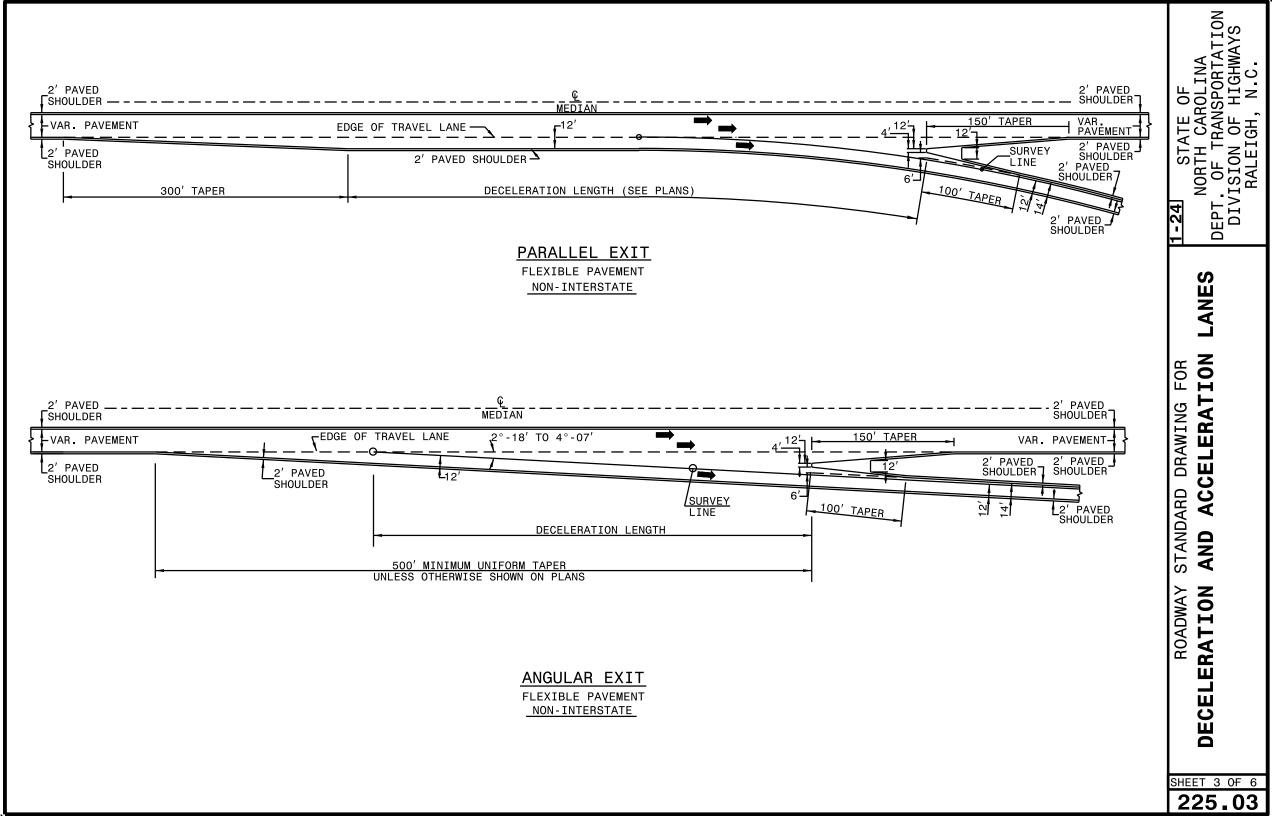
ROADWAY STANDARD DRAWING FOR GUIDE FOR GRADING SUBGRADE SECONDARY AND LOCAL

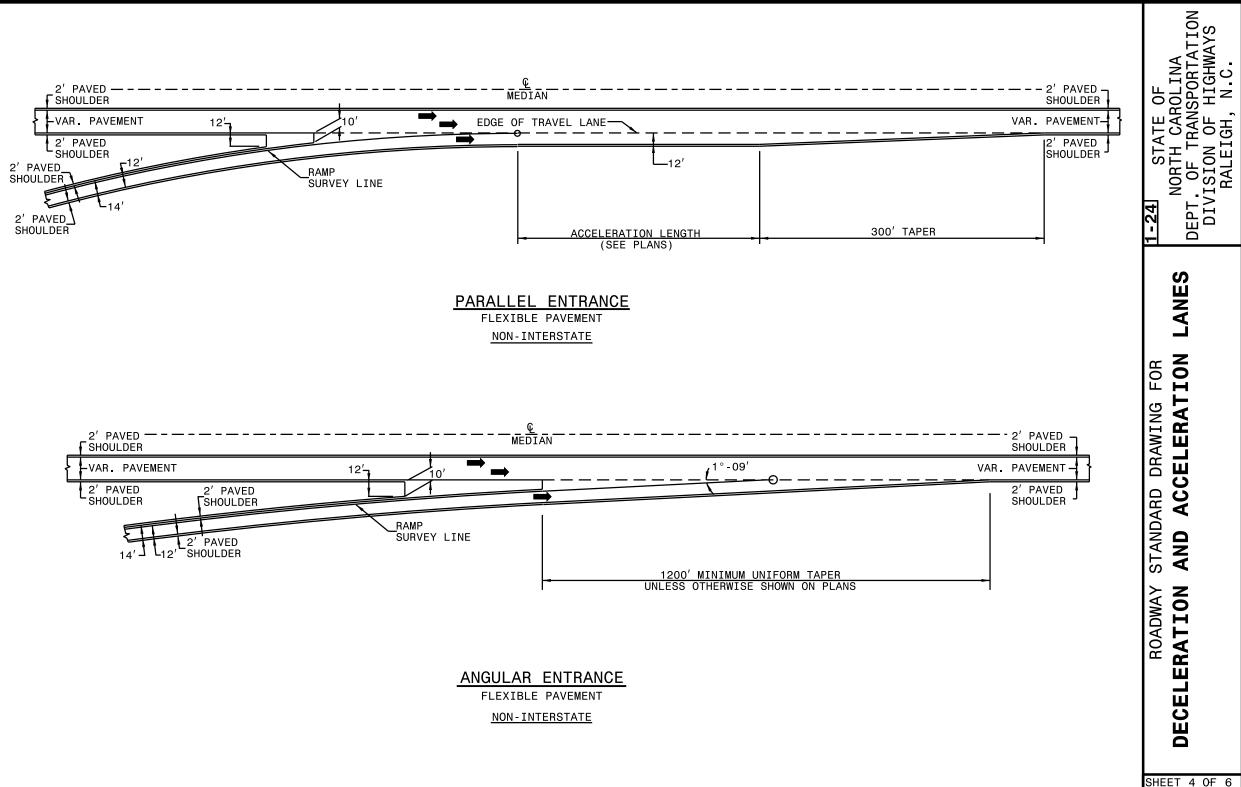
SHEET 1 OF 1 225.02

1-24 STATE OF NORTH CAROLINA DEPT OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.

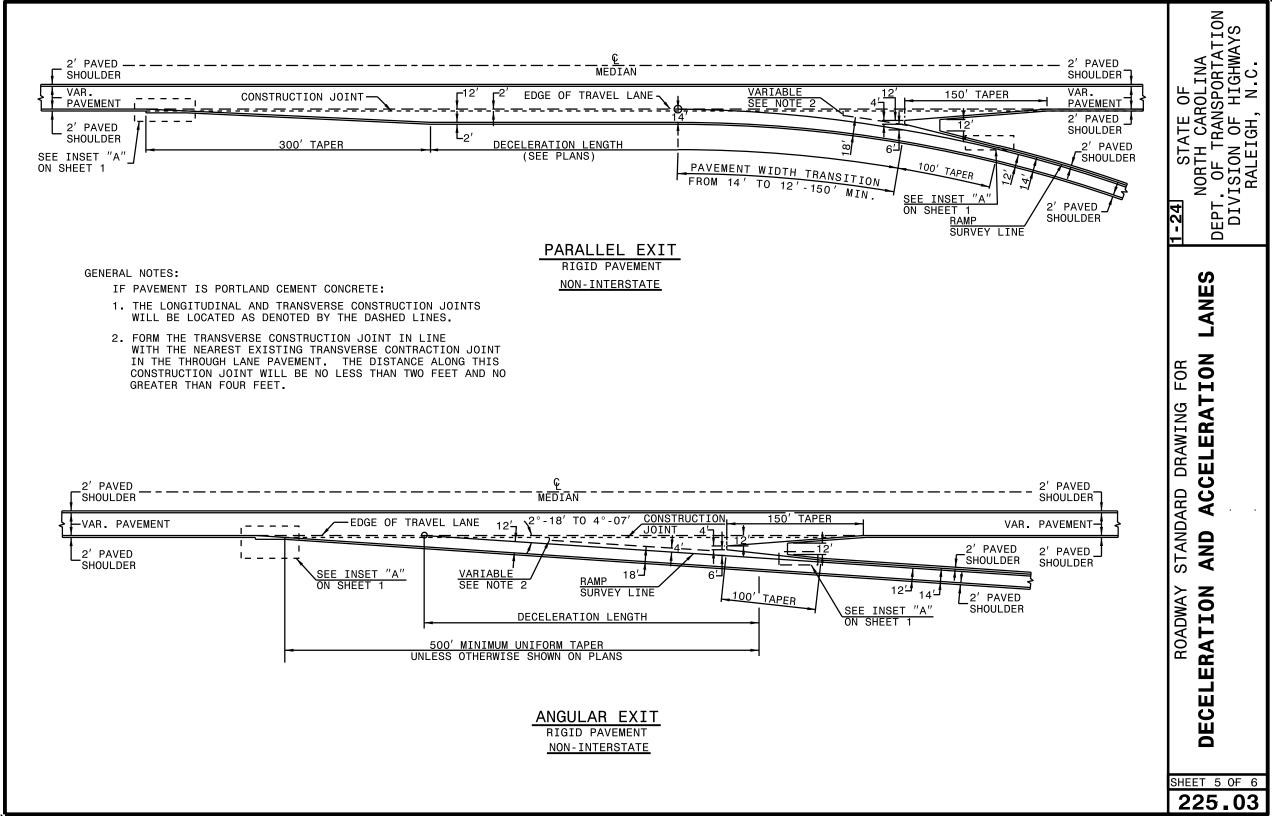


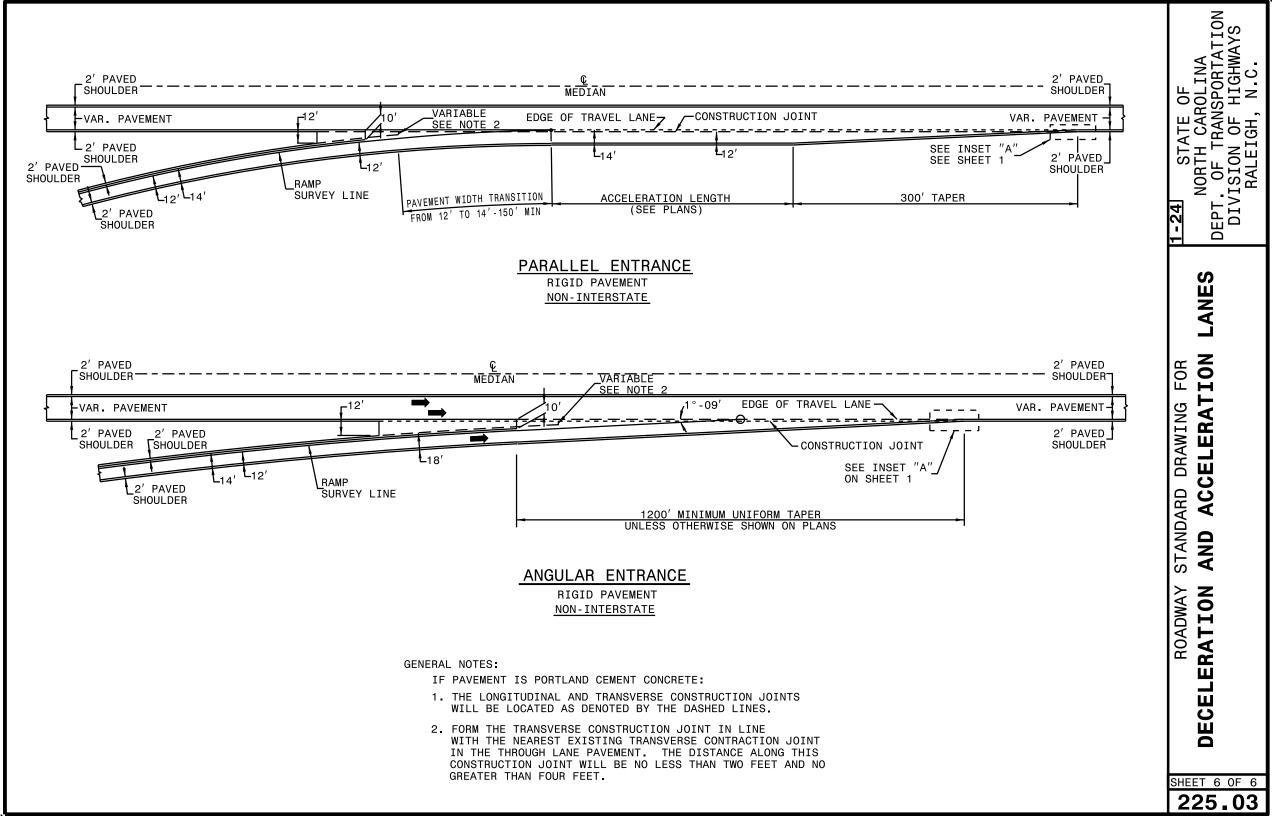


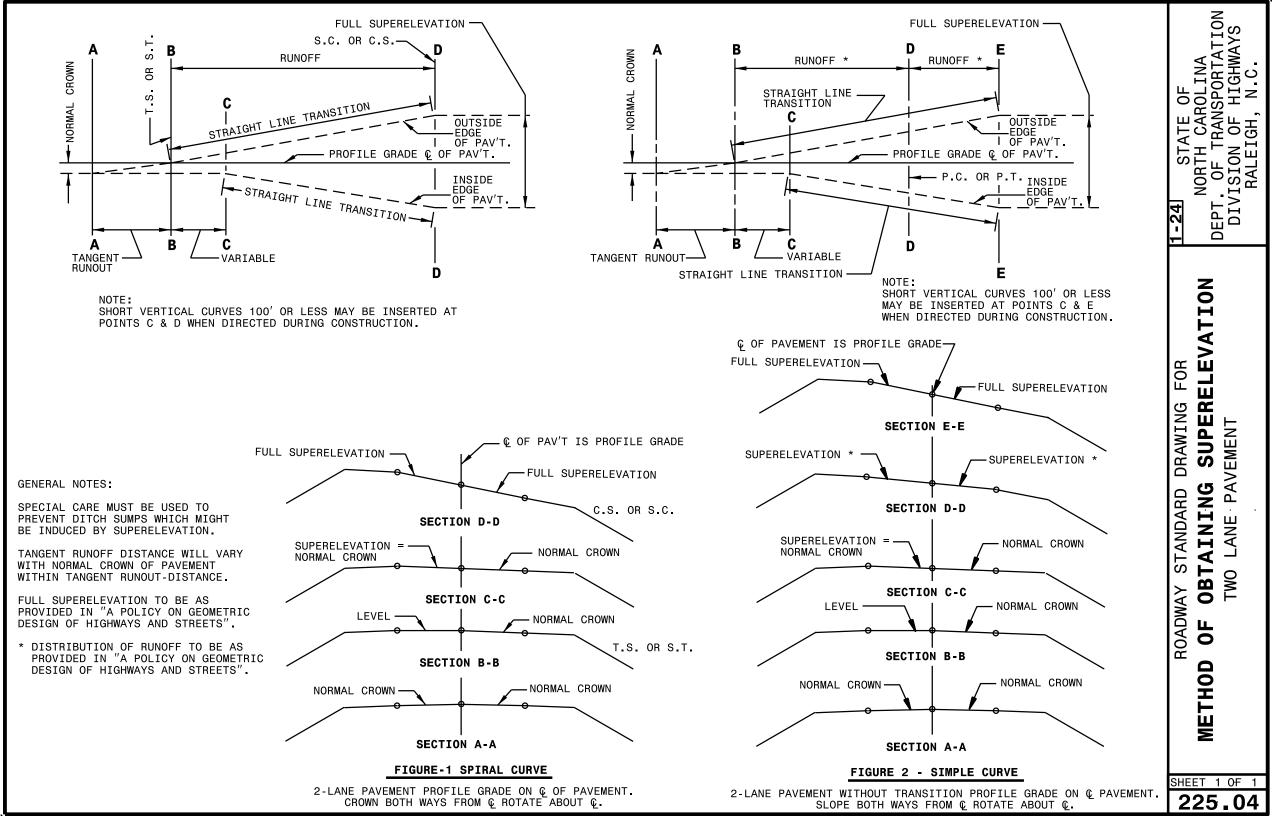


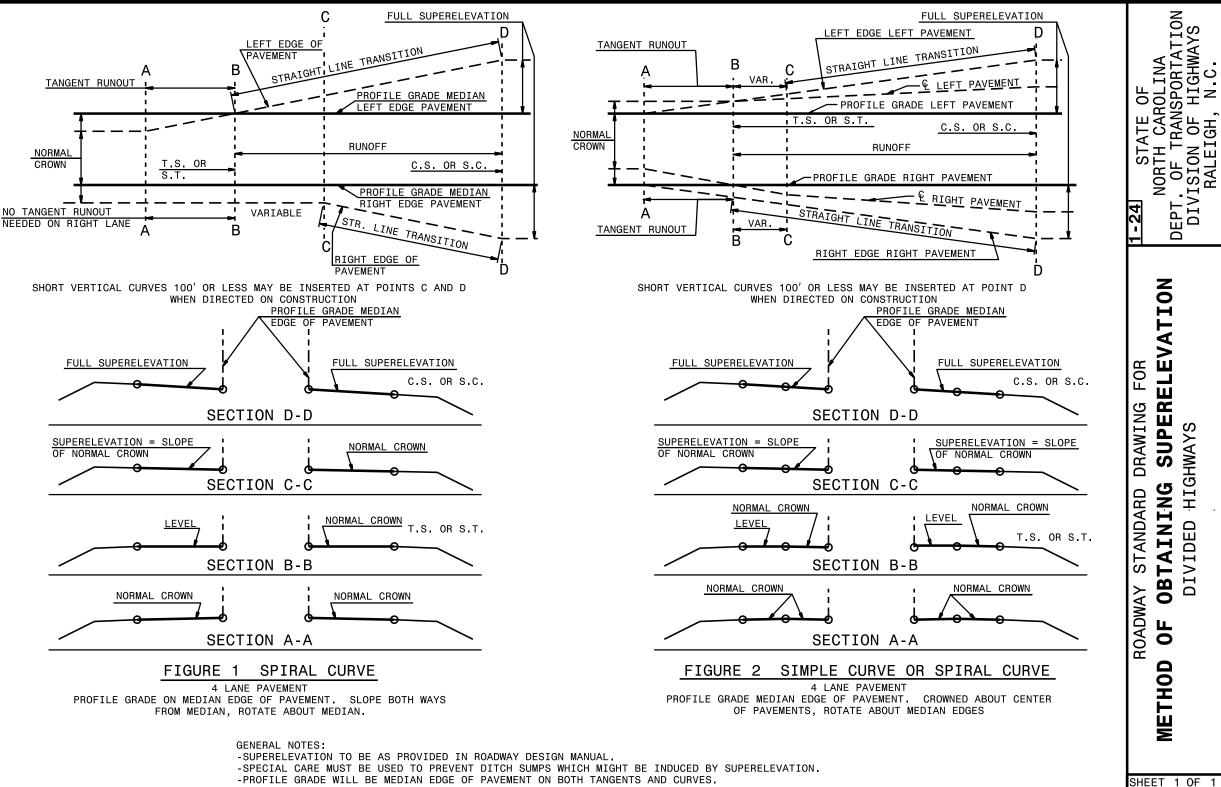


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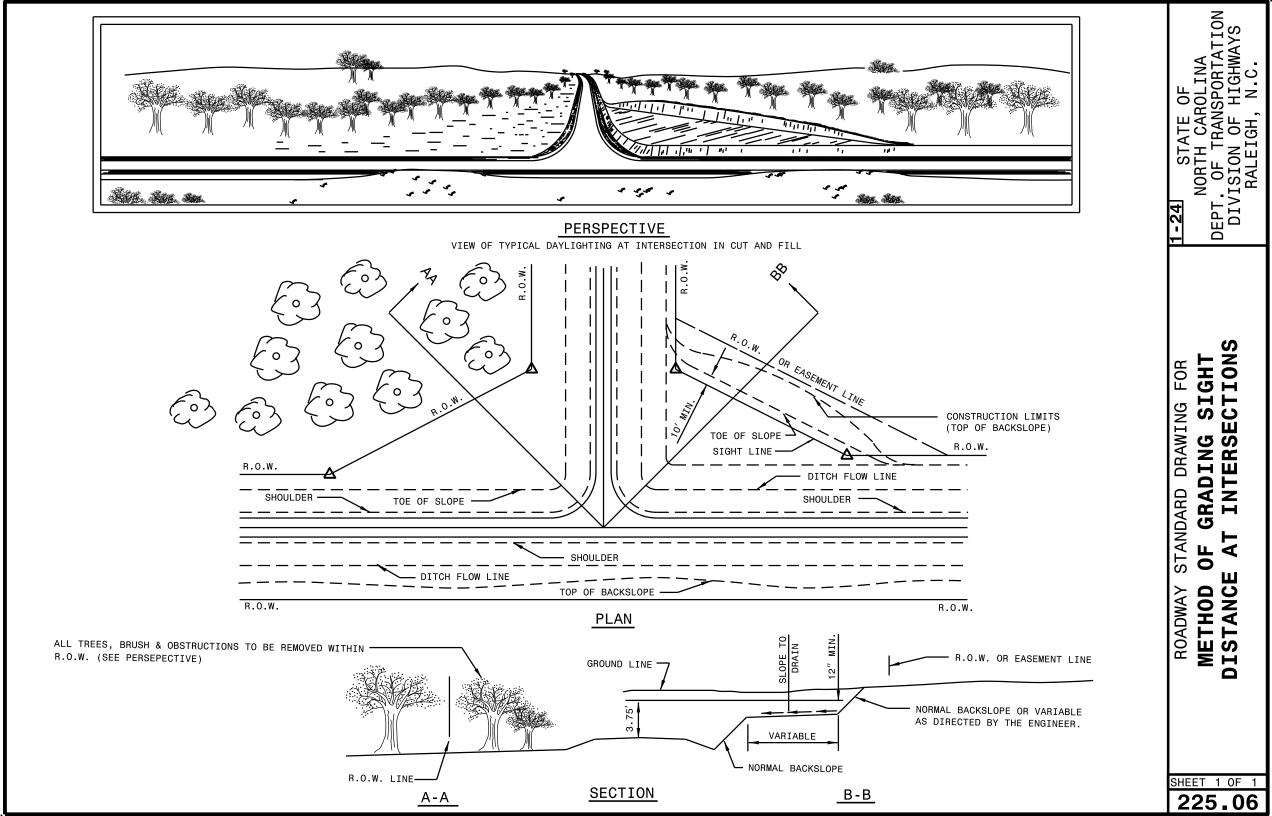


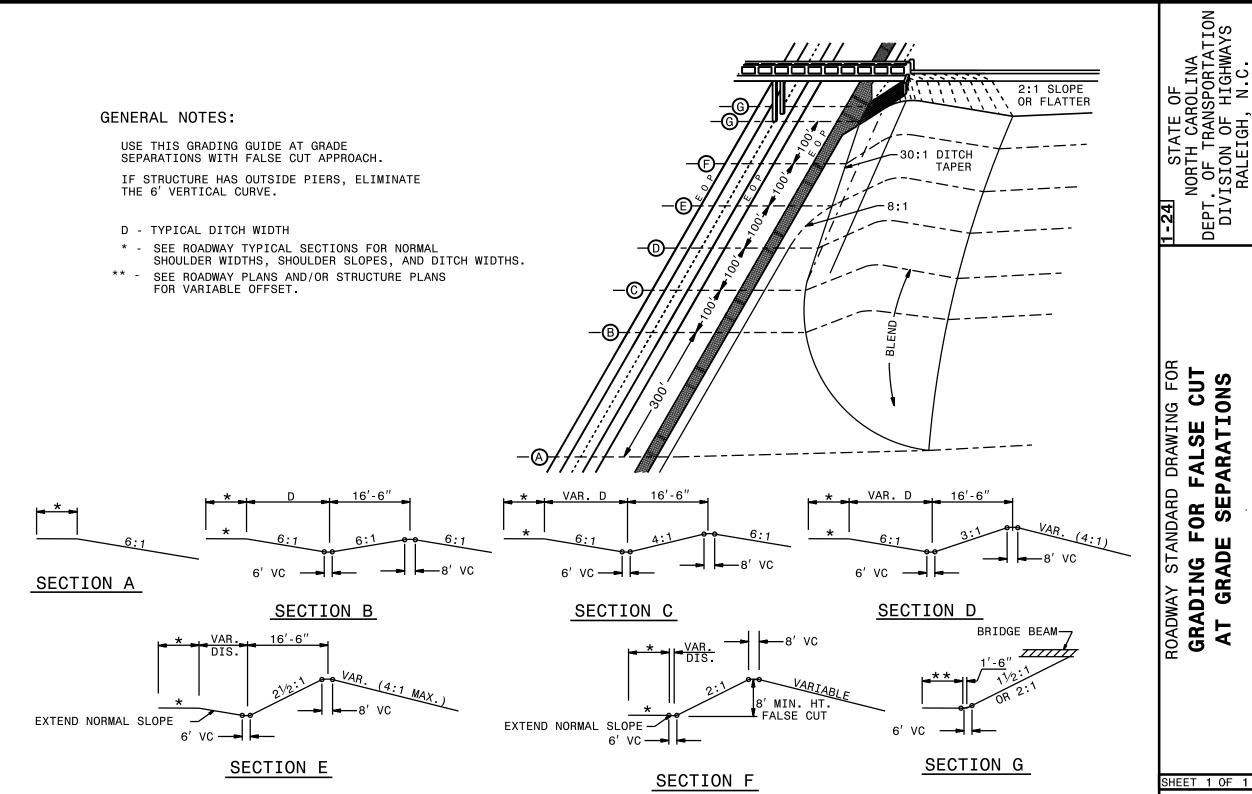




-IN WIDE MEDIANS, WHERE INDIVIDUAL ALIGNMENT IS USED, PROFILE GRADE WILL REMAIN ON MEDIAN EDGE OF PAVEMENT.

225.05





SEPARATIONS STANDARD DRAWING FALSE FOR ш GRADI GRADING ROADWAY AT

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DIVISION OF RALEIGH,

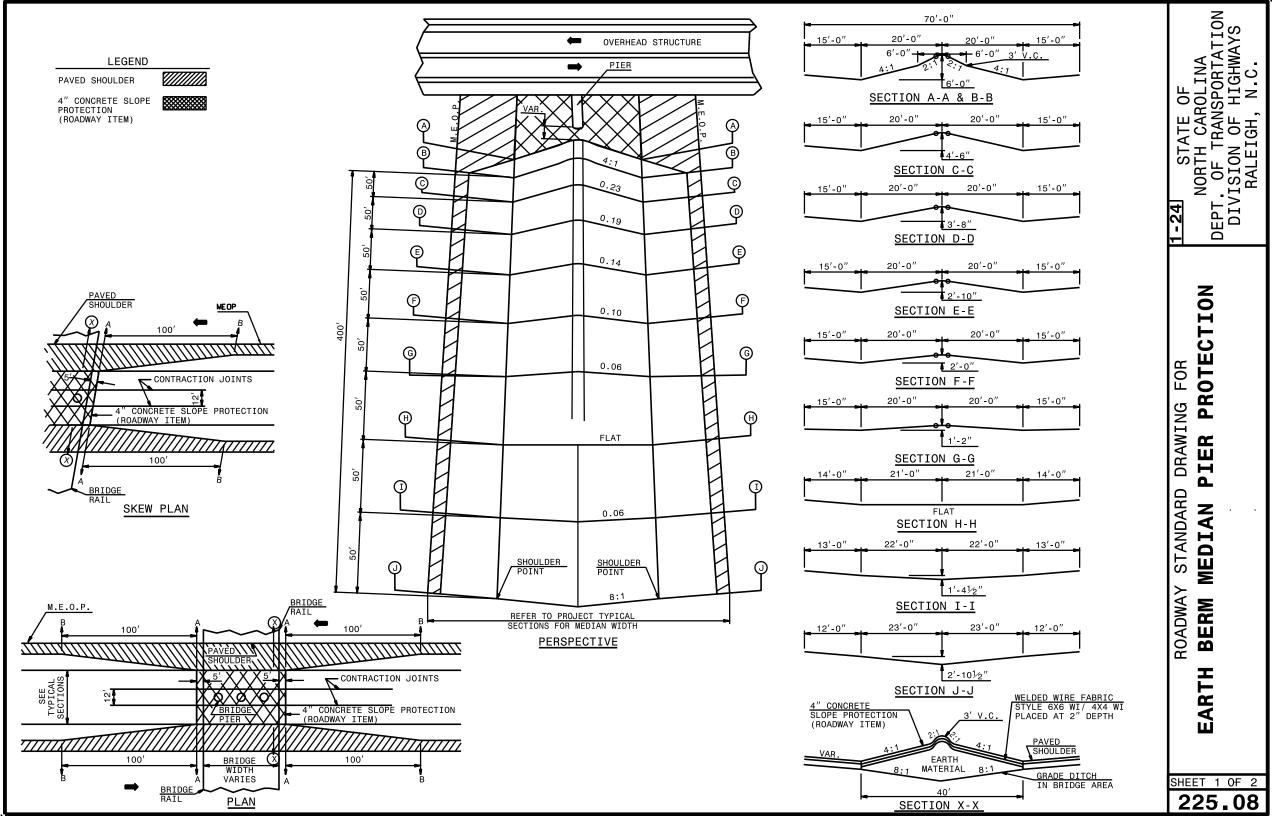
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**GENERAL NOTES:** 

## 1. GRADING

- A. IN CUTS EXCAVATE THE MEDIAN BETWEEN SECTIONS A-A AND J-J AS SHOWN IN PERSPECTIVE VIEW. EXCAVATE BETWEEN SECTIONS A-A AND A-A TO THE GRADED DITCH SHAPE SHOWN ON SECTION X-X. AFTER COMPLETION OF THE MEDIAN BRIDGE PIERS, BACKFILL THE AREA BETWEEN SECTIONS A-A AND A-A TO THE SHAPE OF THE 4" CONCRETE SLOPE PROTECTION SHOWN ON SECTION X-X.
- B. IN FILLS CONSTRUCT THE MEDIAN BETWEEN SECTIONS A-A AND A-A TO THE GRADED DITCH SHAPE SHOWN ON SECTION X-X. AFTER COMPLETION OF THE MEDIAN BRIDGE PIERS, CONSTRUCT THE AREA BETWEEN SECTIONS A-A AND A-A TO THE SHAPE OF THE 4" CONCRETE SLOPE PROTECTION SHOWN ON SECTION X-X. THE MEDIAN EARTH BERMS BETWEEN SECTIONS J-J AND A-A, AS SHOWN IN PERSPECTIVE VIEW, MAY BE CONSTRUCTED PRIOR TO COMPLETION OF THE MEDIAN BRIDGE PIERS.
- 2. CONCRETE SLOPE PROTECTION

PLACE THE 4" CONCRETE SLOPE PROTECTION IN ACCORDANCE WITH THESE DETAILS. PROPERLY SHAPE AND FIRMLY COMPACT EARTH MATERIAL BEFORE PLACING SLOPE PROTECTION REINFORCING AND CONCRETE. FINISH THE CONCRETE SURFACE WITH A WOODEN FLOAT.

TRANSVERSE JOINTS: FORM A GROOVED JOINT 1" DEEP WITH  $\frac{1}{8}$ " RADII AT APPROXIMATELY 10' INTERVALS. LOCATE A GROOVED JOINT OR A CONSTRUCTION JOINT SO AS TO INTERSECT THE EXPANSION JOINT MATERIAL PLACED AROUND EACH PIER. NO SEALING OF THESE JOINTS IS REQUIRED. WIRE MESH TO BE LAPPED 6" AT ALL CONSTRUCTION JOINTS. SPACE CONTRACTION JOINTS AT 25' INTERVALS.

PROTECTION STANDARD DRAWING FOR PIER MEDIAN ROADWAY BERM EARTH

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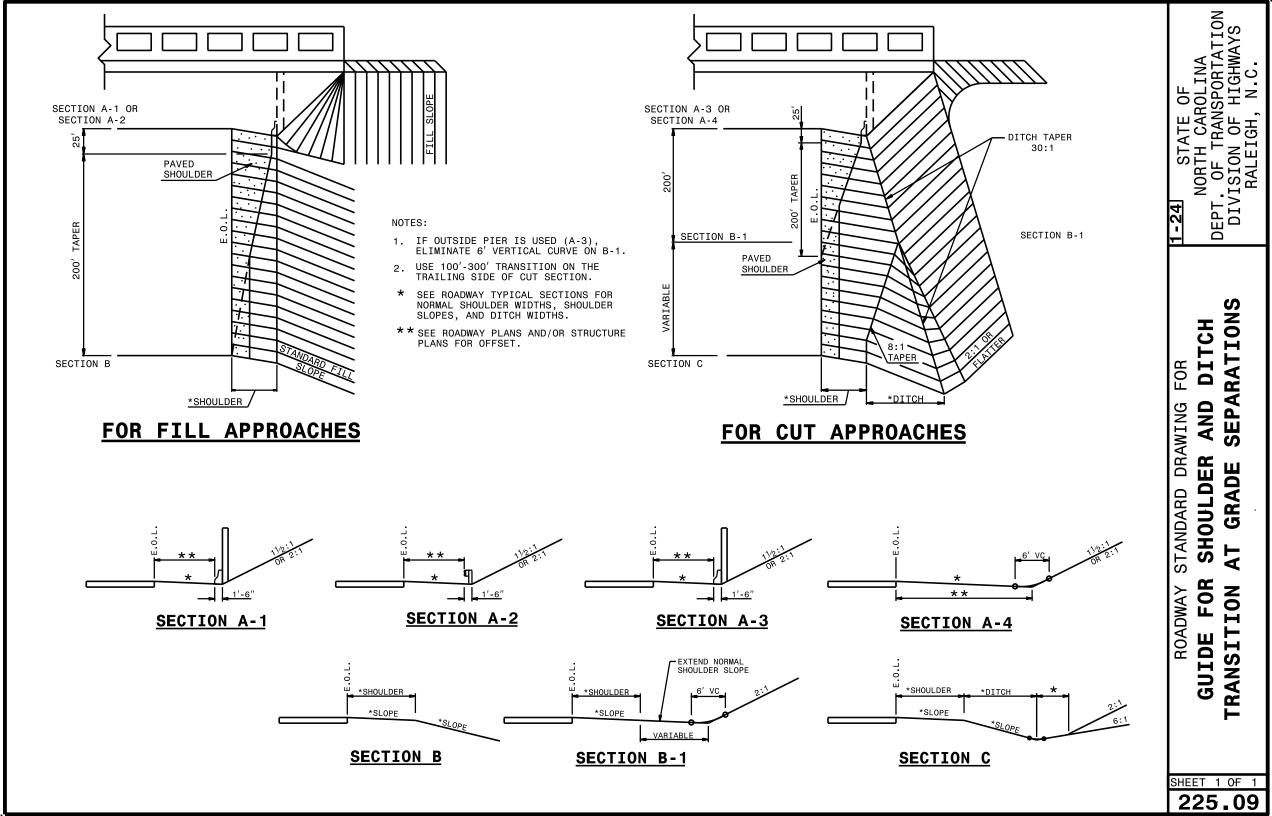
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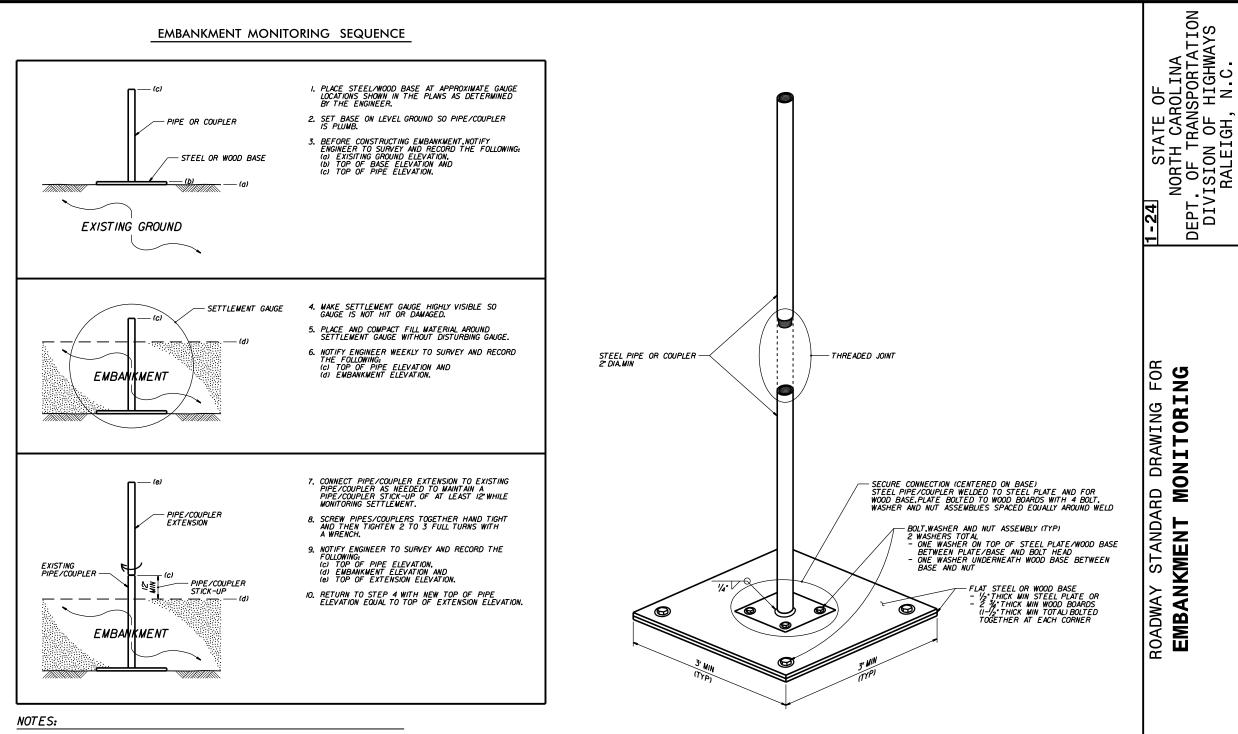
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SETTLEMENT GAUGE

SHEET 1 OF 1 235.01

I. SEE ROADWAY SUMMARY SHEETS FOR APPROXIMATE SETTLEMENT GAUGE LOCATIONS.

2. FOR EMBANKMENT MONITORING, SEE SECTION 235 OF THE STANDARD SPECIFICATIONS.

3. WELD IN ACCORDANCE WITH THE AWS DIJSTRUCTURAL WELDING CODE - STEEL.

4. INSTALL SETTLEMENT GAUGES AFTER CLEARING AND GRUBBING GAUGE LOCATIONS AND BEFORE CONSTRUCTING EMBANKMENTS WITH EMBANKMENT MONITORING.

