

No.	Category	Purpose	Details	Reference	Action
1	Signing	<ul style="list-style-type: none"> Regulatory Signs Warning Signs And Object Markers Guide Signing Messaging Program Signing TEPPL Plan review 	<ul style="list-style-type: none"> SDU to Review Signing Concept Plans and requirements For Interstates, Freeways. Review concept Alternative designs (i.e. CFI, turbines, complex interchanges). Furnish an electronic copy of Overhead Sign designs, Structure line drawings and shop drawings to SDU. Contact Logo coordinator if any Logo or Ag Tourism Signs are effected by project. Coordinate signing and messaging on Interstate and Freeways with SDU and DTE. If SDU is required to review plans, ensure a sufficient amount of time is given. If SDU has not reviewed, DO NOT place SDU staff on plans. Use latest Seed files. 	<ul style="list-style-type: none"> https://mutcd.fhwa.dot.gov/hm/2009/part2/part2_toc.htm https://connect.ncdot.gov/resources/safety/Tepl/Pages/Tepl.aspx https://connect.ncdot.gov/resources/safety/Pages/Signing-and-Delineation.aspx 	<ul style="list-style-type: none"> Required
2	Pavement Marking	<ul style="list-style-type: none"> Lane Continuity Issues Left Lane merge Pavement Marking type Wrong Way / Ramp arrows 	<ul style="list-style-type: none"> SDU to review pavement marking concept plans for Interstates and freeways. Direct road users into appropriate lanes in advance of diverging or merging movements (lane Continuity). Coordinate with Signals Unit for stop bar locations and curb ramps. Pavt. Mkg recommendation requested from SDU. Ensure standard drawings are followed for exit only lanes, merge areas, ramp arrows and side by side ramps. If SDU is required to review plans, ensure a sufficient amount of time is given. If SDU has not reviewed, DO NOT place SDU staff on plans. Use latest Seed files. 	<ul style="list-style-type: none"> https://connect.ncdot.gov/resources/safety/Pages/Signing-and-Delineation.aspx https://connect.ncdot.gov/resources/safety/Signing%20and%20Delineation%20Library/Side-by-Side_On-Off%20Ramp.pdf 	<ul style="list-style-type: none"> Required
3	Long Life Markings	<ul style="list-style-type: none"> Benefit/ Cost Savings 	<ul style="list-style-type: none"> Long life markers to be used on all TIP projects. See the charts on the SDU website for choosing the correct markings for your roadway with regard to planning resurfacing. See Cost Analyses presentation on SDU website. 	<ul style="list-style-type: none"> https://connect.ncdot.gov/resources/safety/Signing%20and%20Delineation%20Library/Pavement_Marking_Cost_Analysis.pdf 	<ul style="list-style-type: none"> Required
4	Scoping Projects	<ul style="list-style-type: none"> Signing and Pavement Marking Analysis Overhead Sign Structures Guardrail and barriers 	<ul style="list-style-type: none"> NCDOT and PEF must agree on initial scope of work. (See SDU scoping sheet). Include manday and cost day estimate for future revisions involving ground mounted supports and overhead structures. Firm required to complete revisions, if SDU is not involved with project. See SDU design guidelines. Ensure future or overlapping projects are taken into consideration. See project scoping sheet under Private Engineering firms on SDU website. 	<ul style="list-style-type: none"> https://connect.ncdot.gov/resources/safety/Signing%20and%20Delineation%20Library/Design%20Guidelines.pdf https://connect.ncdot.gov/resources/safety/Pages/Signing-and-Delineation.aspx 	<ul style="list-style-type: none"> Recommended

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	Ordering Signs	<ul style="list-style-type: none"> Department furnished signs are ordered from Bunn Sign Plant. 	<ul style="list-style-type: none"> Require 4 month advance notice to requisition signs. Ground mounted signs are required to be field verified with appropriate S dimensions (see Construction Manual). Ensure ordering signs from most recent sealed plans. If SDU is ordering signs need request in writing from contractor. 	<ul style="list-style-type: none"> https://connect.ncdot.gov/projects/construction/Pages/ConstructionMan.aspx?Order=CM-19-000 	<ul style="list-style-type: none"> Required
5	Route Changes Interstate US NC	<ul style="list-style-type: none"> All Interstate, US and NC route changes are required to be submitted to SDU for processing through State Traffic Engineer. 	<ul style="list-style-type: none"> Final approval of Interstate and US Routes are determined by AASHTO and/or FHWA. AASHTO meets twice a year for approvals. Coordinate Route changes with RTE (Regional Traffic Eng). State Traffic Eng has final approval on NC routes. 	<ul style="list-style-type: none"> https://connect.ncdot.gov/resources/safety/Pages/Route-Changes.aspx 	<ul style="list-style-type: none"> Required
	Bike/Ped Accommodations	<ul style="list-style-type: none"> Bike Lane Crosswalk Marking Curb Ramps PED/Multimodal 	<ul style="list-style-type: none"> Bike Lane Markings Crosswalk Markings Curb Ramp Placement PEDS 	<ul style="list-style-type: none"> See Handout and SDU website https://connect.ncdot.gov/resources/safety/Pages/Signing-and-Delineation.aspx 	<ul style="list-style-type: none"> Recommended

Contact Information:

Renee B. Roach, PE
State Signing and Delineation Engineer
rroach@ncdot.gov
919-814-5020

Ayman Alqudwah, PE
Signing & Delineation Regional Engineer
Divisions 1-6 and 8
aalqudwah@ncdot.gov
919-814-4947

Kelvin Jordan
Signing & Delineation Regional Engineer
Divisions 7, and 9-14
kjordan@ncdot.gov
919-814-4945