PROJECT REFERENCE NO.	SHEET NO.
I-5952	1A

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 045458 ENGINEER SCOTT A. JONES

DocuSigned by: Scott Jones 10/2/2018

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

INDEX OF SHEETS

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1	TITLE SHEET
1A	INDEX OF SHEETS, GENERAL NOTES, AND STANDARD DRAWINGS
1B	CONVENTIONAL SYMBOLS
1C	SURVEY CONTROL SHEET
2A–1	PAVEMENT SCHEDULE, TYPICAL SECTIONS AND SHOULDER DRAIN DETAIL
2C–1	MANHOLE ADJUSTMENT DETAIL AND SHOULDER WEDGE DETAIL
2C–2	GUARDRAIL INSTALLATION DETAILS
2D–1	BARRIER OVER TRAFFIC BEARING DOUBLE DROP INLET DETAIL
3B–1	SUMMARY OF EARTHWORK, PAVEMENT REMOVAL SUMMARY, SHOULDER DRAIN SUMMARY, CONCRETE BARRIER WALL SUMMARY, SUMMARY OF AGGREGATE SUBGRADE STABILIZATION AND GUARDRAIL SUMMARY
3B–2 THRU 3B–3	SUMMARY OF QUANTITIES
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X–1 THRU X–25	CROSS SECTIONS

GENERAL NOTES: 2018 SPECIFICATIONS

GRADING AND SURFACING OR RESURFACING AND WIDENING:

THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. WHERE NO GRADE LINES ARE SHOWN, THE PROFILES SHOWN DENOTE THE TOP ELEVATION OF THE EXISTING PAVEMENT ALONG THE CENTER LINE OF SURVEY ON WHICH THE PROPOSED RESURFACING WILL BE PLACED. GRADE LINES MAY BE ADJUSTED BY THE ENGINEER IN ORDER TO SECURE A PROPER TIE–IN.

SHOULDER DRAINS:

SHOULDER DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 816.02 AND DETAILS IN PLANS AT LOCATIONS DIRECTED BY THE ENGINEER

GUARDRAIL:

THE GUARDRAIL LOCATIONS SHOWN ON THE PLANS MAY BE ADJUSTED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHOULD CONSULT WITH THE ENGINEER PRIOR TO ORDERING GUARDRAIL MATERIAL.

EFF. 01–16–2018
REV.

2018 ROADWAY ENGLISH STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" HIGHWAY DESIGN BRANCH – N. C. DEPARTMENT OF TRANSPORTATION – RALEIGH, N. C., DATED JANUARY, 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD.NO.	TITLE
DIVISION 2 – EARTHWORK	
225.01	GUIDE FOR GRADING SUBGRADE – INTERSTATE AND FREEWAY
225.05	METHOD OF OBTAINING SUPERELEVATION – DIVIDED HIGHWAYS
DIVISION 3 – PIPE CULVERTS	
300.01	METHOD OF PIPE INSTALLATION
DIVISION 5 – SUBGRADE, BASES AND SHOULDERS	
560.02	METHOD OF SHOULDER CONSTRUCTION – HIGH SIDE OF SUPERELEVATED CURVE – METHOD II
DIVISION 6 – ASPHALT BASES AND PAVEMENTS	
610.01	GUIDE FOR PAVING SHOULDERS UNDER BRIDGES – METHOD I
665.01	ASPHALT SHOULDERS – MILLED RUMBLE STRIPS
DIVISION 8 – INCIDENTALS	
816.02	AGGREGATE SHOULDER DRAIN
816.04	MARKERS FOR DRAINAGE STRUCTURES & CONCRETE PAD
840.00	CONCRETE BASE PAD FOR DRAINAGE STRUCTURES
840.31	CONCRETE JUNCTION BOX – 12" THRU 66" PIPE
840.34	TRAFFIC BEARING JUNCTION BOX – FOR USE WITH PIPES 42" AND UNDER
840.35	TRAFFIC BEARING GRATED DROP INLET – FOR CAST IRON DOUBLE FRAME AND GRATES
840.36	TRAFFIC BEARING GRATED DROP INLET – FOR STEEL (840.37) DOUBLE FRAME AND GRATES
840.37	STEEL GRATE AND FRAME
840.46	TRAFFIC BEARING PRECAST DRAINAGE STRUCTURE
854.02	DOUBLE FACED CONCRETE BARRIER – TYPES 'T', 'T1' AND 'T2'
854.05	CONCRETE MEDIAN TRANSITION BARRIER – LOCATION OF OVERHEAD ASSEMBLY
862.01	GUARDRAIL PLACEMENT
862.02	GUARDRAIL INSTALLATION (SPECIAL DETAIL FOR SHEET 6 OF 8)
862.04	ANCHORING END OF GUARDRAIL – B–77 AND B–83 ANCHOR UNITS

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