

CONTRACT: C201239 TIP PROJECT: R-4468A

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" ROADWAY DESIGN UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2002 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

| STD. NO. | TITLE |
|----------|--|
| 1715.01 | UNDERGROUND CONDUIT |
| 1716.01 | JUNCTION BOXES |
| 1720.01 | WOOD POLES |
| 1721.01 | GUY ASSEMBLIES |
| 1725.01 | INDUCTIVE DETECTIVE LOOPS |
| 1730.02 | FIBER OPTIC CABLE - CONDUIT INSTALLATION |
| 1733.01 | DELINEATOR MARKERS |
| 1740.01 | METAL POLES |
| 1742.01 | METAL POLE FOUNDATIONS |
| 1751.01 | CONTROLLERS AND CABINETS - ELECTRICAL SERVICE GROUNDING |
| 1751.02 | CONTROLLERS AND CABINETS - ELECTRICAL SERVICE DETAILS |
| 1752.01 | CONTROLLERS AND CABINETS - POWER, GROUND AND AUXILIARY POWER SYSTEMS |

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

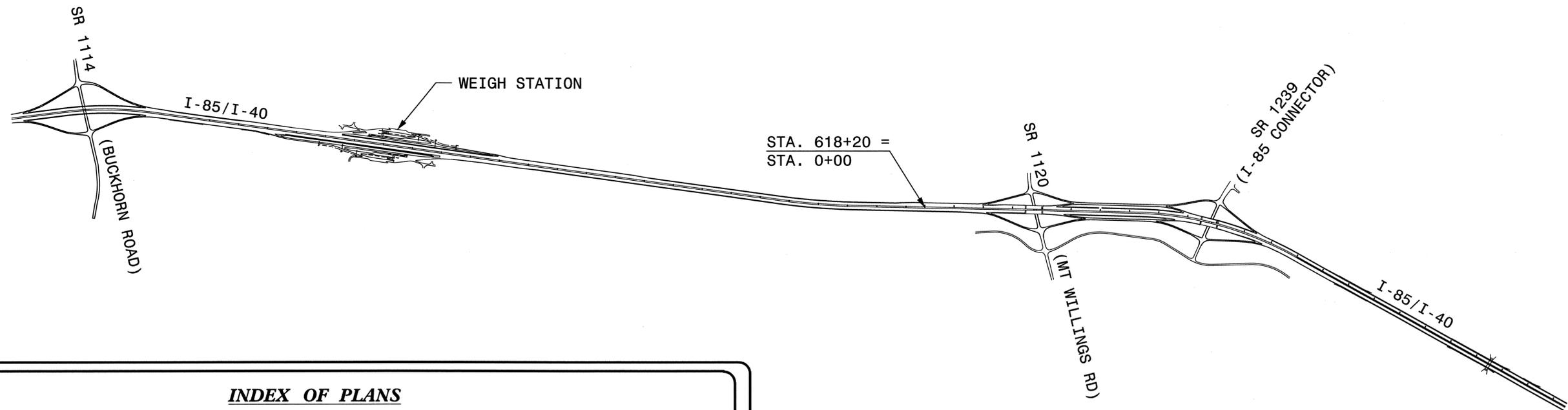
ORANGE COUNTY

PLANS FOR PROPOSED

I-85/I-40 HILLSBOROUGH WEIGH STATION UPGRADE

THIS PROJECT CONSISTS OF FURNISHING AND INSTALLING EQUIPMENT AND MATERIALS FOR EXPANSION OF THE NEW COMPUTERIZED WEIGH IN MOTION SYSTEM IN HILLSBOROUGH, NORTH CAROLINA. RELATED MATERIALS CONSIST OF LOCAL CABINETS AND CONTROLLERS, WEIGH IN MOTION STATION, NOTIFICATION STATION, COMPLIANCE STATION, CCTV CAMERA ASSEMBLIES, AND FIBER OPTIC COMMUNICATIONS CABLE WITH ALL RELATED EQUIPMENT.

| STATE | STATE PROJECT REFERENCE NO. | SHEET NO. | TOTAL SHEETS |
|-----------------|-----------------------------|-------------|--------------|
| N.C. | R-4468A | 1 | |
| STATE PROJ. NO. | F.A. PROJ. NO. | DESCRIPTION | |
| 34234.1.1 | | P.E. | |
| 34632.3.1 | | CONST. | |
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INDEX OF PLANS

| SHEET NUMBER | LOCATION / DESCRIPTION | SHEET NUMBER | LOCATION / DESCRIPTION |
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| TMS-1 | TITLE SHEET | TMS-22 | FREEZE-FRAME CCTV CAMERA DETAIL |
| TMS-2 | LEGEND, GENERAL NOTES, AND ABBREVIATIONS | TMS-23 | MISCELLANEOUS DETAILS SINGLE LOAD CELL SCALE FRAME INSTALLATION DETAIL |
| TMS-3 | CONSTRUCTION NOTES | TMS-23A | SINGLE LOAD CELL SCALE REINFORCING AND DRAIN INSTALLATION DETAIL |
| TMS-4-13 | CABLE ROUTING | TMS-24 | VEHICLE OVERHEIGHT DETECTOR DETAIL |
| TMS-14 | SCALE HOUSE CONDUIT ENTRY DETAIL | TMS-25 | SCALE HOUSE EQUIPMENT LAYOUT |
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| TMS-17 | ADVANCE LOCATION DETAIL | TMS-28 | CABINET HEATER/AIR CONDITIONER DETAIL |
| TMS-18 | MAST ARM POLE DETAIL | TMS-29 | COMMUNICATIONS BLOCK DIAGRAM |
| TMS-19 | MAST ARM HINGE PLATE ASSEMBLY | TMS-30-33 | SPLICE DETAILS |
| TMS-20 | FULL MOTION VIDEO CCTV CAMERA POLE AND FOUNDATION DETAILS | | |
| TMS-21 | GROUNDING REQUIREMENTS FOR CCTV CAMERA POLE | | |

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PLANS PREPARED BY: **HNTB**
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ENGLISH
 ALL DIMENSIONS IN THESE PLANS ARE IN FEET UNLESS OTHERWISE NOTED

SEAL

 HARVEY L. WINSTEAD, JR.
 ENGINEER
 STATE OF NORTH CAROLINA
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 DATE: 9/27/04