

PROJ. REFERENCE NO.	SHEET NO.
I-5746C	TMP-5

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BRIDGE REHABILITATION

GENERAL NOTES /LOCAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLAN OR DIRECTED BY THE ENGINEER.

TIME RESTRICTIONS

A) DO NOT CLOSE OR NARROW TRAVEL LANES AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS
I-277, I-77, I-77 HOT LANES, I-77 RAMPS, AND US 29/GRAHAM ST., (SINGLE LANE), MONDAY TO FRIDAY	6:00 A.M. TO 9:00 P.M.
I-277, I-77, I-77 HOT LANES, I-77 RAMPS, AND US 29/GRAHAM ST., (SINGLE LANE), SATURDAY AND SUNDAY	9:00 A.M. TO 6:00 P.M.
I-277, I-77, I-77 HOT LANES, I-77 RAMPS, AND US 29/GRAHAM ST., (DOUBLE LANE), MONDAY TO FRIDAY	6:00 A.M. TO 11:00 P.M.
I-277, I-77, I-77 HOT LANES, I-77 RAMPS, AND US 29/GRAHAM ST., (DOUBLE LANE), SATURDAY AND SUNDAY	9:00 A.M. TO 9:00 P.M.
JOHNSON ST., NC MUSIC FACTORY BLVD., CHURCH ST., TRYON ST., COLLEGE ST., BREVARD ST., 11TH ST., 12TH ST.	7:00 A.M. TO 9:00 A.M. AND 4:00 P.M. TO 6:00 PM

B) DO NOT CLOSE OR NARROW TRAVEL LANES DURING HOLIDAYS AND SPECIAL EVENTS AS FOLLOWS:

ROAD NAME: I-277, I-77, I-77 HOT LANES, AND I-77 RAMPS HOLIDAY

- FOR ANY OCCURENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
- FOR NEW YEAR'S, BETWEEN THE HOURS OF 6:00 A.M. DECEMBER 31st TO 9:00 P.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 9:00 P.M. THE FOLLOWING TUESDAY.
- FOR EASTER, BETWEEN THE HOURS OF 6:00 A.M. THURSDAY AND 9:00 P.M. MONDAY.
- FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY TO 9:00 P.M. TUESDAY.
- FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6:00 A.M. THE DAY BEFORE INDEPENDENCE DAY AND 9:00 P.M. THE DAY AFTER INDEPENDENCE DAY.

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 6:00 A.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 9:00 P.M. THE TUESDAY AFTER INDEPENDENCE DAY.
- FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY AND 9:00 P.M. TUESDAY.
- FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 A.M. TUESDAY TO 9:00 P.M. MONDAY.
- FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 9:00 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.
- FOR CAROLINA PANTHER GAMES OCCURRING AT BANK OF AMERICA STADIUM BETWEEN THREE HOURS BEFORE THE START AND TWO HOURS AFTER THE END OF THE FOOTBALL GAME.
- FOR CHARLOTTE HORNETS GAMES OCCURRING AT THE SPECTRUM CENTER BETWEEN TWO HOURS BEFORE THE START AND TWO HOURS AFTER THE END OF THE BASKETBALL GAME.
- FOR CHARLOTTE KIGHTS GAMES OCCURRING AT THE BB&T BALLPARK BETWEEN ONE HOUR BEFORE THE START AND ONE HOUR AFTER THE END OF THE BASEBALL GAME.

12. CITY OF CHARLOTTE SPECIAL EVENTS: THE EVENTS INCLUDED HEREIN ARE ONLY THOSE WHICH WERE AVAILABLE AT TIME OF PLANS DEVELOPMENT THAT WERE ANTICIPATED TO CONFLICT WITH PROPOSED CLOSURES AND DETOURS. COORDINATE WITH CURRENT CITY OF CHARLOTTE EVENTS CALENDAR VIA THE ENGINEER AND JIMMY RHYNE, PE, CHARLOTTE DOT, 704-336-3905, JRHYNE@CHARLOTTENC.GOV. NOTIFY AND UPDATE CITY ON A WEEKLY BASIS AND A MINIMUM OF TWO WEEKS IN ADVANCE OF PROPOSED SIDEWALK/ ROAD CLOSURES AND DETOURS TO ENSURE THERE ARE NO CONFLICTS WITH CITY EVENTS.

- EVENT**
- CORPORATE CUP 5K & HALF MARATHON
 - CHARLOTTE GOES GREEN FESTIVAL
 - CHARLOTTE ST. PATRICK'S DAY PARADE
 - CHARLOTTE RACEFEST
 - CHARLOTTE JAZZ FESTIVAL
 - RODNEY GREAT KIDS TRIATHLON
 - OPEN STREETS 704
 - TWILIGHT 5K
 - SPEED STREET
 - TASTE OF CHARLOTTE
 - CHARLOTTE KIDNEY WALK
 - FAMOUS TOASTERY AMERICAN 4-MILER
 - QUEEN CITY FIREFIGHTER FEST
 - BTEP 3-ON-3 TOURNAMENT
 - CHARLOTTE PRIDE FESTIVAL & PARADE
 - EUCCHARISTIC CONGRESS PROCESSION
 - BREAKIN' CONVENTION
 - ROCKTOBERFEST HALF MARATHON AND 5K
 - NOVANT CHARLOTTE MARATHON

C) DO NOT CONDUCT ANY HAULING OPERATIONS AGAINST THE FLOW OF TRAFFIC OF AN OPEN TRAVELWAY UNLESS THE HAULING OPERATION IS PROTECTED BY BARRIER OR GUARDRAIL OR AS DIRECTED BY THE ENGINEER.

LANE AND SHOULDER CLOSURE REQUIREMENTS

- REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.
- WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.
- WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN 5 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.
- WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO A DIVIDED FACILITY AND WITHIN 10 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.
- WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS, OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.
- DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP, OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.
- DO NOT INSTALL MORE THAN 1075 FT OF LANE CLOSURE ON I-277 MEASURED FROM THE BEGINNING OF THE MERGE TAPER TO THE END OF THE LANE CLOSURE IN A SINGLE OPERATION.
- DO NOT INSTALL MORE THAN ONE LANE CLOSURE IN ANY ONE DIRECTION ON I-277.

PAVEMENT EDGE DROP OFF REQUIREMENTS

K) DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 500 FT IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

L) NOTIFY THE ENGINEER TWENTY ONE (21) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

SIGNING

M) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.

N) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRANSPORTATION MANAGEMENT PLANS.

PROVIDE SIGNING REQUIRED FOR THE OFF- SITE DETOUR ROUTE AS SHOWN IN THE TRANSPORTATION MANAGEMENT PLANS.

O) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.

COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFF- SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.

P) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

TRAFFIC CONTROL DEVICES

Q) WHEN LANE CLOSURES ARE NOT IN EFFECT SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER IN FEET THAN TWICE THE POSTED SPEED LIMIT (MPH) EXCEPT, 10 FT ON-CENTER IN RADII, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY. REFER TO STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES SECTIONS 1130 (DRUMS), 1135 (CONES) AND 1180 (SKINNY DRUMS) FOR ADDITIONAL REQUIREMENTS.

R) CONES AND SKINNY DRUMS ARE NOT TO BE USED FOR INTERSTATE CLOSURES.

S) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.

T) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

PAVEMENT MARKINGS AND MARKERS

U) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

V) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.

MISCELLANEOUS

W) LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.

X) CONTRACTOR SHALL MAINTAIN SIDEWALK ACCESS AT ALL TIMES AS STATED IN THE PHASING. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY SIDEWALKS (CONCRETE, ASPHALT, OR OTHER SUITABLE MATERIAL AS APPROVED BY THE ENGINEER) AT ALL LOCATIONS WHERE THE OPEN PEDESTRIAN TRAVELWAY HAS BEEN REMOVED FOR CONSTRUCTION OPERATIONS (UTILITIES, DRAINAGE, ETC.).

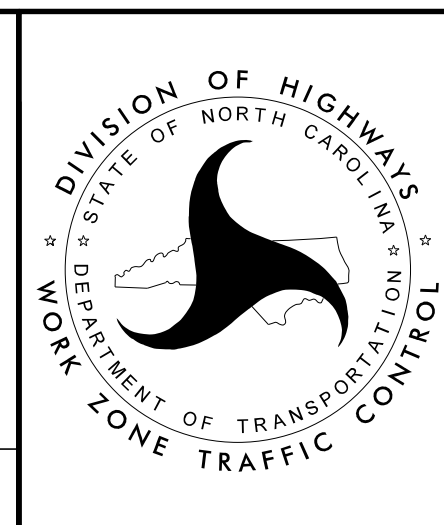
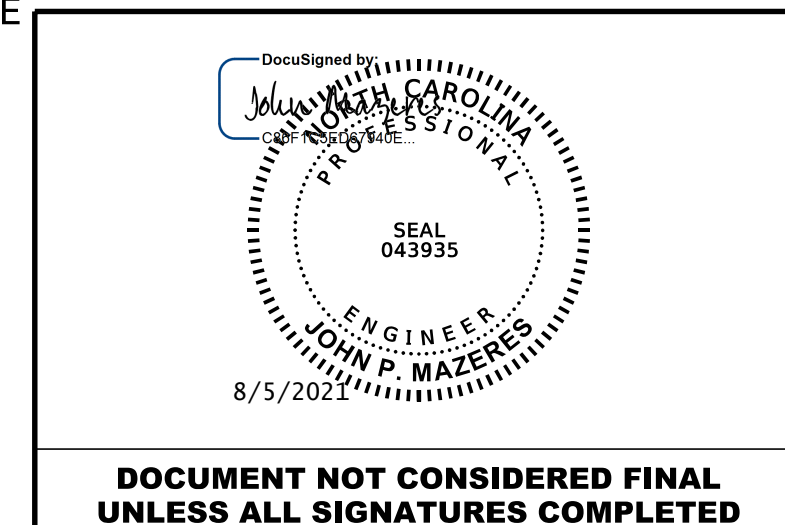
Y) IF PEDESTRIAN FACILITIES ARE PRESENT ON A STREET WITH PROPOSED SIDEWALK CLOSURE(S), A MINIMUM OF ONE TEMPORARY PEDESTRIAN FACILITY MUST BE MAINTAINED DURING THE CLOSURE(S).

Z) FOR WORK ZONE PRESENCE LIGHTING AND SEQUENTIAL FLASHING WARNING LIGHTS, SEE SPECIAL PROVISIONS.

AA) PRIOR TO BEGINNING WORK, THE CONTRACTOR SHALL TAKE PHOTOS OF THE SIDEWALK, PAVERS AND ANY EXISTING FIXTURES IN THE AREA OF CONSTRUCTION AROUND THE CATS TRACKS TO DOCUMENT ORIGINAL CONDITION. THESE PHOTOS SHALL BE DELIVERED TO CATS PRIOR TO BEGINNING WORK. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROPERLY PROTECT THE SIDEWALK, PAVERS AND ANY EXISTING FIXTURES FROM ANY DAMAGE DURING CONSTRUCTION. ANY DAMAGE WILL BE REPAIRED TO THE ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

BB) WHEN PLACING PORTABLE CHANGABLE MESSAGE SIGNS WHERE INSUFFICIENT INSIDE SHOULDER IS PRESENT, PLACE PCMS ON THE OUTSIDE SHOULDER.

8/5/2021 2:00:51 PM User: jduke



GENERAL NOTES

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED