

INTERMEDIATE CONTRACT TIME NUMBER 1 AND LIQUIDATED DAMAGES:

(2-20-07)

108

SP1 G14 A

The Contractor shall complete the required work of installing, maintaining, and removing the traffic control devices for lane **and/or ramp/loop** closures and restoring traffic to the existing traffic pattern. The Contractor **may** close or narrow a **lane of traffic on Triangle Expressway, I-540, and I-40 (including associated multi-lane ramps/loops)**, except during the following time restrictions **as indicated in the chart below:**

DAY AND TIME RESTRICTIONS

Route	Time Restrictions
I-40, and all multi-lane ramps	Monday through Sunday 6:00 AM – 9:00 PM
Toll NC-885 NB, and all multi-lane ramps and connectors	Monday through Friday 7:00 AM – 9:00 AM
Toll NC-885 SB, and all multi-lane ramps and connectors	Monday through Friday 4:00 PM – 6:00 PM
I-540 WB, Toll NC-540 WB, and all multi-lane ramps and connectors	Monday through Friday 6:00 AM – 10:00 AM
I-540 EB, Toll NC-540 EB, and all multi-lane ramps and connectors	Monday through Friday 3:00 PM – 7:00 PM
US-64, US-1, and NC-55	Monday through Sunday 6:00 AM – 7:00 PM

In addition, the Contractor shall not close or narrow a lane of traffic on **all roads**, detain and/or alter the traffic flow on or during holidays, holiday weekends, special events, or any other time when traffic is unusually heavy, including the following schedules:

HOLIDAY AND HOLIDAY WEEKEND LANE CLOSURE RESTRICTIONS

1. For **unexpected occurrence** that creates unusually high traffic volumes, as directed by the Engineer.
2. For **New Year's Day**, between the hours of **6:00 AM** December 31st and **8:00 PM** January 2nd. If New Year's Day is on a Friday, Saturday, Sunday or Monday, then until **8:00 PM** the following Tuesday.
3. For **Easter**, between the hours of **6:00 AM** Thursday and **8:00 PM** Monday.
4. For **Memorial Day**, between the hours of **6:00 AM** Friday and **8:00 PM** Tuesday.
5. For **Independence Day**, between the hours of **6:00 AM** the day before Independence Day and **8:00 PM** the day after Independence Day.

If **Independence Day** is on a Friday, Saturday, Sunday or Monday, then between the hours of **6:00 AM** the Thursday before Independence Day and **8:00 PM** the Tuesday after Independence Day.

6. For **Labor Day**, between the hours of **6:00 AM** Friday and **8:00 PM** Tuesday.
7. For **Thanksgiving Day**, between the hours of **6:00 AM** Tuesday and **8:00 PM** Monday.
8. For **Christmas**, between the hours of **6:00 AM** the Friday before the week of Christmas Day and **8:00 PM** the following Tuesday after the week of Christmas Day.
9. For **Duke University fall student move-in**, on both directions of Toll NC-885 and I-40, between the hours of **6:00 AM** the **day before the event** and **8:00 PM** the **day after the event**.
10. For **Duke University spring graduation**, on both directions of Toll NC-885 and I-40, between the hours of **6:00 AM** the **day before the event** and **8:00 PM** the **day after the event**.
11. For **N.C. Central University spring graduation**, on both directions of Toll NC-885 and I-40, between the hours of **6:00 AM** the **Friday before the event** and **8:00 PM** the **Monday after the event**.
12. For **event at the Durham Bulls Athletic Park and Durham Performing Arts Center**, on both directions of Toll NC-885 and I-40, from **three (3)** hours before the beginning of an event to **two (2)** hours after the end of an event.
13. For **the North Carolina State Fair**, on both directions of I-40, every day from 9:00 AM to 12:00 AM (midnight).
14. For any event at **the PNC Arena and/or Carter-Finley Stadium**, on both directions of I-40, from **three (3)** hours before the beginning of an event to **two (2)** hours after the end of an event.

Holidays and holiday weekends shall include New Year's, Easter, Memorial Day, Independence Day, Labor Day, Thanksgiving, and Christmas. The Contractor shall schedule his work so that lane closures will not be required during these periods, unless otherwise directed by the Engineer.

The time of availability for this intermediate contract work shall be the time the Contractor begins to install all traffic control devices for lane closures according to the time restrictions listed herein.

The completion time for this intermediate contract work shall be the time the Contractor is required to complete the removal of all traffic control devices for lane closures according to the time restrictions stated above and place traffic in the existing traffic pattern.

The liquidated damages are **One Thousand Two Hundred Fifty Dollars** (\$1,250.00) per 15 min for 1 lane closed.

INTERMEDIATE CONTRACT TIME NUMBER 2 AND LIQUIDATED DAMAGES:

(2-20-07)

108

SP1 G14 A

The Contractor shall complete the required work of installing, maintaining, and removing the traffic control devices for lane **and/or ramp/loop** closures and restoring traffic to the existing traffic pattern. The Contractor **may** close or narrow **2 or more lanes of traffic on Triangle Expressway, I-540, and I-40, while always leaving at least one (1) lane of traffic open, except during the following time restrictions as indicated in the chart below:**

DAY AND TIME RESTRICTIONS

Route	Time Restrictions
I-40	Monday through Sunday 6:00 AM – 11:00 PM
Toll NC-885 NB	Monday through Friday 6:00 AM – 10:00 AM 4:00 PM – 6:00 PM
Toll NC-885 SB	Monday through Friday 7:00 AM – 8:00 PM
I-540 WB and Toll NC-540 WB (NC-55/Exit 66 to NC-54)	Monday through Friday 6:00 AM – 7:00 PM
Toll NC-540 WB (S. Salem Street to NC-55/Exit 66)	Monday through Friday 6:00 AM – 11:00 AM
Toll NC-540 WB (NC 55/Exit 54 to S. Salem Street)	Monday through Friday 6:00 AM – 11:00 AM 4:00 PM – 6:00 PM
Toll NC-540 EB (NC-54 to NC-55/Exit 66)	Monday through Friday 7:00 AM – 8:00 PM
Toll NC-540 EB (NC-55/Exit 66 to NC-55/Exit 54)	Monday through Friday 2:00 PM – 8:00 PM

In addition, the Contractor shall not close or narrow a lane of traffic on **all roads**, detain and/or alter the traffic flow on or during holidays, holiday weekends, special events, or any other time when traffic is unusually heavy, including the following schedules:

HOLIDAY AND HOLIDAY WEEKEND LANE CLOSURE RESTRICTIONS

1. For **unexpected occurrence** that creates unusually high traffic volumes, as directed by the Engineer.
2. For **New Year's Day**, between the hours of **6:00 AM** December 31st and **8:00 PM** January 2nd. If New Year's Day is on a Friday, Saturday, Sunday or Monday, then until **8:00 PM** the following Tuesday.
3. For **Easter**, between the hours of **6:00 AM** Thursday and **8:00 PM** Monday.
4. For **Memorial Day**, between the hours of **6:00 AM** Friday and **8:00 PM** Tuesday.

5. For **Independence Day**, between the hours of **6:00 AM** the day before Independence Day and **8:00 PM** the day after Independence Day.

If **Independence Day** is on a Friday, Saturday, Sunday or Monday, then between the hours of **6:00 AM** the Thursday before Independence Day and **8:00 PM** the Tuesday after Independence Day.

6. For **Labor Day**, between the hours of **6:00 AM** Friday and **8:00 PM** Tuesday.
7. For **Thanksgiving Day**, between the hours of **6:00 AM** Tuesday and **8:00 PM** Monday.
8. For **Christmas**, between the hours of **6:00 AM** the Friday before the week of Christmas Day and **8:00 PM** the following Tuesday after the week of Christmas Day.
9. For **Duke University fall student move-in**, on both directions of Toll NC-885 and I-40, between the hours of **6:00 AM** the **day before the event** and **8:00 PM** the **day after the event**.
10. For **Duke University spring graduation**, on both directions of Toll NC-885 and I-40, between the hours of **6:00 AM** the **day before the event** and **8:00 PM** the **day after the event**.
11. For **N.C. Central University spring graduation**, on both directions of Toll NC-885 and I-40, between the hours of **6:00 AM** the **Friday before the event** and **8:00 PM** the **Monday after the event**.
12. For **event at the Durham Bulls Athletic Park and Durham Performing Arts Center**, on both directions of Toll NC-885 and I-40, from **three (3)** hours before the beginning of an event to **two (2)** hours after the end of an event.
13. For **the North Carolina State Fair**, on both directions of I-40, every day from 9:00 AM to 12:00 AM (midnight).
14. For any event at **the PNC Arena and/or Carter-Finley Stadium**, on both directions of I-40, from **three (3)** hours before the beginning of an event to **two (2)** hours after the end of an event.

Holidays and holiday weekends shall include New Year's, Easter, Memorial Day, Independence Day, Labor Day, Thanksgiving, and Christmas. The Contractor shall schedule his work so that lane closures will not be required during these periods, unless otherwise directed by the Engineer.

The time of availability for this intermediate contract work shall be the time the Contractor begins to install all traffic control devices for lane closures according to the time restrictions listed herein.

The completion time for this intermediate contract work shall be the time the Contractor is required to complete the removal of all traffic control devices for lane closures according to the time restrictions stated above and place traffic in the existing traffic pattern.

The liquidated damages are **Two Thousand Five Hundred Dollars** (\$2,500.00) per 15 min for 2 or more lanes closed.

INTERMEDIATE CONTRACT TIME NUMBER 4 AND LIQUIDATED DAMAGES:

(2-20-07)

108

SP1 G14 D

The Contractor shall complete the required work of installing, maintaining and removing the traffic control devices for road closures with **approved** offsite detours and restoring traffic to the existing traffic pattern. The Contractor shall not close **any road (including ramps, loops, and connectors)** during the following time restrictions:

DAY AND TIME RESTRICTIONS

**Monday through Friday
6:00 AM – 8:00 PM**

The time of availability for this intermediate contract time will be the time the Contractor begins to install traffic control devices required for road closures according to the time restrictions stated herein.

The completion time for this intermediate contract time will be the time the Contractor is required to complete the removal of traffic control devices required for the road closures according to the time restrictions stated herein and restore traffic to the existing traffic pattern

The liquidated damages are **Two Hundred Fifty Dollars (\$250.00)** per 15 min.

GENERAL 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 UNDESIRABLE 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) WHILE ALWAYS LEAVING AT LEAST ONE (1) LANE OPEN, CONTRACTOR MAY CLOSE OR NARROW ANY NUMBER OF LANES OF TRAFFIC INDICATED BELOW ON THE FOLLOWING ROADS, EXCEPT DURING THE FOLLOWING TIME RESTRICTIONS:

<u>ROAD NAME</u>	<u>DAY AND TIME RESTRICTIONS</u>
I-40, AND ALL MULTI-LANE RAMPS 1-LANE CLOSURE	MONDAY THRU SUNDAY 6:00 AM - 9:00 PM
I-40 2-LANE OR MORE CLOSURE	MONDAY THRU SUNDAY 6:00 AM - 11:00 PM
TOLL NC-885 NB, AND ALL MULTI-LANE RAMPS AND CONNECTORS 1-LANE CLOSURE	MONDAY THRU FRIDAY 7:00 AM - 9:00 AM
TOLL NC-885 NB 2-LANE OR MORE CLOSURE	MONDAY THRU FRIDAY 6:00 AM - 10:00 AM 4:00 PM - 6:00 PM
TOLL NC-885 SB, AND ALL MULTI-LANE RAMPS AND CONNECTORS 1-LANE CLOSURE	MONDAY THRU FRIDAY 4:00 PM - 6:00 PM
TOLL NC-885 SB 2-LANE CLOSURE	MONDAY THRU FRIDAY 7:00 AM - 8:00 PM
I-540 WB, TOLL NC-540 WB, AND ALL MULTI-LANE RAMPS AND CONNECTORS 1-LANE CLOSURE	MONDAY THRU FRIDAY 6:00 AM - 10:00 AM
I-540 WB AND TOLL NC-540 WB 2-LANES OR MORE CLOSURE (NC-55/EXIT 66 TO NC-54)	MONDAY THRU FRIDAY 6:00 AM - 7:00 PM
TOLL NC-540 WB 2-LANE OR MORE CLOSURE (S. SALEM ST TO NC-55/EXIT 66)	MONDAY THRU FRIDAY 6:00 AM - 11:00 AM
TOLL NC-540 WB 2-LANE OR MORE CLOSURE (NC 55/EXIT 54 TO S. SALEM ST)	MONDAY THRU FRIDAY 6:00 AM - 11:00 AM 4:00 PM - 6:00 PM
I-540 EB, TOLL NC-540 EB, AND ALL MULTI-LANE RAMPS AND CONNECTORS 1-LANE CLOSURE	MONDAY THRU FRIDAY 3:00 PM - 7:00 PM
TOLL NC-540 EB 2-LANE OR MORE CLOSURE (NC-54 TO NC-55/EXIT 66)	MONDAY THRU FRIDAY 7:00 AM - 8:00 PM
TOLL NC-540 EB 2-LANE OR MORE CLOSURE (NC-55/EXIT 66 TO NC-55/EXIT 54)	MONDAY THRU FRIDAY 2:00 PM - 8:00 PM
US-64, US-1, AND NC-55	MONDAY THRU SUNDAY 6:00 AM - 7:00 PM

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

<u>ROAD NAME</u>	<u>DAY AND TIME RESTRICTIONS</u>
HOPSON ROAD	MONDAY THRU FRIDAY 6:00 AM - 9:00 AM
DAVIS DRIVE	4:00 PM - 7:00 PM

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

ROAD NAME

ALL ROADS

HOLIDAY

- FOR ANY UNEXPECTED OCCURRENCE 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 8:00 P.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN UNTIL 8:00 P.M. THE FOLLOWING TUESDAY.
- FOR EASTER, BETWEEN THE HOURS OF 6:00 A.M. THURSDAY AND 8:00 P.M. MONDAY.
- FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY TO 8:00 P.M. TUESDAY.
- FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6:00 A.M. THE DAY BEFORE INDEPENDENCE DAY AND 8:00 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 8:00 P.M. THE TUESDAY AFTER INDEPENDENCE DAY.
- FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY TO 8:00 P.M. TUESDAY.
- FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 A.M. TUESDAY TO 8:00 P.M. MONDAY.
- FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 8:00 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.
- FOR DUKE UNIVERSITY FALL STUDENT MOVE-IN, ON BOTH DIRECTIONS OF TOLL NC-885 AND I-40, BETWEEN THE HOURS OF 6:00 A.M. THE DAY BEFORE THE EVENT AND 8:00 P.M. THE DAY AFTER THE EVENT.
- FOR DUKE UNIVERSITY SPRING GRADUATION, ON BOTH DIRECTIONS OF TOLL NC-885 AND I-40, BETWEEN THE HOURS OF 6:00 A.M. THE DAY BEFORE THE EVENT AND 8:00 P.M. THE DAY AFTER THE EVENT.
- FOR N.C. CENTRAL UNIVERSITY SPRING GRADUATION, ON BOTH DIRECTIONS OF TOLL NC-885 AND I-40, BETWEEN THE HOURS OF 6:00 A.M. THE FRIDAY BEFORE THE EVENT AND 8:00 P.M. THE MONDAY AFTER THE EVENT.
- FOR EVENT AT THE DURHAM BULLS ATHLETIC PARK AND DURHAM PERFORMING ARTS CENTER, ON BOTH DIRECTIONS OF TOLL NC-885 AND I-40, FROM THREE(3) HOURS BEFORE THE BEGINNING OF AN EVENT TO TWO (2) HOURS AFTER THE END OF AN EVENT.
- FOR THE NORTH CAROLINA STATE FAIR, ON BOTH DIRECTIONS OF I-40, EVERY DAY FROM 9:00 AM TO 12:00 AM (MIDNIGHT).
- FOR ANY EVENT AT THE PNC ARENA AND/OR CARTER-FINLEY STADIUM, ON BOTH DIRECTIONS OF I-40, FROM THREE (3) HOURS BEFORE THE BEGINNING OF AN EVENT TO TWO (2) HOURS AFTER THE END OF AN EVENT.

D) DO NOT CLOSE ROAD AS FOLLOWS:

ROAD NAME

ALL ROADS, AND ALL RAMPS, LOOPS, AND CONNECTORS

DAY AND TIME RESTRICTIONS

MONDAY THRU FRIDAY
6:00 AM - 8:00 PM

E) DO NOT STOP TRAFFIC AS FOLLOWS:

ROAD NAME

ALL ROADS

DAY AND TIME RESTRICTIONS

MONDAY-SUNDAY:
5:00AM-12:00AM
(MIDNIGHT)

DURATION AND OPERATION

30 MINUTES FOR
OVERHEAD SIGN INSTALLATION
AND TRAFFIC SHIFTS

LANE 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 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 REMAINS WITHIN THE CLOSED TRAVEL LANE.
- DO NOT INSTALL MORE THAN ONE AND A HALF (1.5) MILES OF LANE CLOSURE ON ALL ROADS MEASURED FROM THE BEGINNING OF THE MERGE TAPER TO THE END OF THE LANE CLOSURE.
- DO NOT INSTALL MORE THAN 2 SIMULTANEOUS LANE CLOSURES IN ANY ONE DIRECTION ON TOLL NC-540.
- DO NOT INSTALL MORE THAN ONE LANE CLOSURE IN ANY ONE DIRECTION ON ANY ROAD EXCEPT FOR TOLL NC-540.
- PROVIDE A MINIMUM OF FIVE (5) MILES BETWEEN LANE CLOSURES, MEASURED FROM THE END OF ONE CLOSURE TO THE FIRST SIGN OF THE NEXT LANE CLOSURE.

SIGNING

- 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.
- PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS. AND PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLANS.
- COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION. AND COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.

TRAFFIC CONTROL DEVICES

- 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 OPENED TRAVELWAY. REFER TO STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES SECTIONS 1130 (DRUMS), 1135 (CONES) AND 1180 (SKINNY DRUMS) FOR ADDITIONAL REQUIREMENTS.
- PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.
- PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES (DRUMS) PERPENDICULAR TO THE EDGE OF THE TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

MISCELLANEOUS

- LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.
- CONTRACTOR SHALL COORDINATE WITH ADJACENT PROJECTS, SUCH AS I-5700, R-2721A, U-0071, U-0071 POC, AND ANY OTHER PROJECT DIRECTED BY THE ENGINEER.

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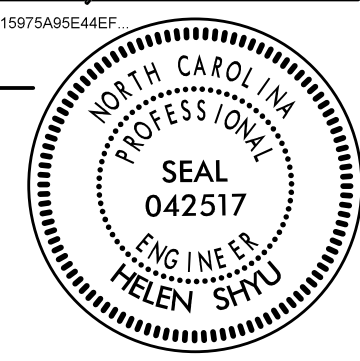



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APPROVED: Helen Shyu
DATE: 7/20/2021

SEAL

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

TRANSPORTATION
MANAGEMENT PLAN

GENERAL NOTES