TRANSPORTATION MANAGEMENT PLAN

RANDOLPH COUNTY

DIVISION 8



LOCATION:

RANDOLPH COUNTY:

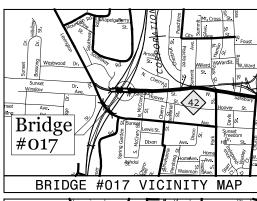
BRIDGE #017 ON W. SALISBURY ST. (NC 42) OVER I-73/I-74/US-220 NBL

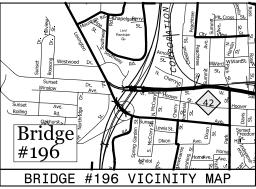
BRIDGE #177 ON ALBEMARIE RD. (SR 1713) OVER I-73/I-74/US-220

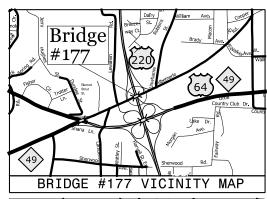
BRIDGE #196 ON LEXINGTON RD/SUNSET AVE. (SR 1442) OVER I-73/I-74/US-220 NBL BRIDGE #197 ON LEXINGTON RD/SUNSET AVE. (SR 1442) OVER I-73/I-74/US-220 SBL

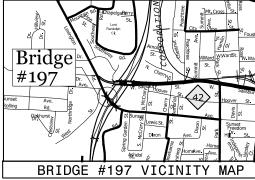
TYPE OF WORK:

TRAFFIC MANAGEMENT FOR BRIDGE PRESERVATION









WORK ZONE SAFETY & MOBILITY "from the MOUNTAINS to the COAST"

N.C.D.O.T. WORK ZONE TRAFFIC CONTROL
1561 MAIL SERVICE CENTER (MSC) RALEIGH, NC 27699-1561
750 N. GREENFIELD PARKWAY, GARNER, NC 27529 (DELIVERY)
PHONE: (919) 814-5000 FAX: (919) 771-2745

J. E. Hummer, PhD, PE STATE TRAFFIC MANAGEMENT ENGINEER

om Goodwin, P.E. TRAFFIC CONTROL PROJECT ENGINEER

Angel Pridgen, P.E. TRAFFIC CONTROL PROJECT DESIGN ENGINEER

TRAFFIC CONTROL DESIGN ENGINEER



INDEX OF SHEETS

TMP-1

SHEET NO.	TITLE							
TMP - 1	TITLE SHEET, INDEX OF SHEETS, AND TRAFFIC MANAGEMENT STRATEGY							
TMP-2	LIST OF ROADWAY STANDARD DRAWINGS, TRAFFIC CONTROL PHASING, AND LEGEND							
TMP-3	GENERAL NOTES							
TMP-4	BRIDGE NO. 017 ROAD CLOSURE							
TMP-5	BRIDGE NO. 017 DETOUR ROUTE							
TMP-6	BRIDGE NO. 177 ROAD CLOSURE							
TMP - 7	BRIDGE NO. 177 DETOUR ROUTE							
TMP-8	BRIDGE NO. 196 AND NO. 197 ROAD CLOSURES							
TMP-9	BRIDGE NO. 196 AND NO. 197 DETOUR ROUTE							
TMP - 10	QUANTITIES							

TRAFFIC MANAGEMENT STRATEGY

WORK ON BRIDGES #177,#196 AND #197 WILL BE PERFORMED USING ROAD CLOSURE AND TEMPORARY DETOUR.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



IME\$\$\$\$

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" -PROJECT SERVICES UNIT - 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.	<u>TITLE</u>
1101.01 1101.02 1101.03 1101.04 1101.11 1110.01 1110.02 1115.01 1130.01 1135.01 1145.01	WORK ZONE WARNING SIGNS TEMPORARY LANE CLOSURES TEMPORARY ROAD CLOSURES TEMPORARY SHOULDER CLOSURES TRAFFIC CONTROL DESIGN TABLES STATIONARY WORK ZONE SIGNS PORTABLE WORK ZONE SIGNS FLASHING ARROW BOARDS DRUMS CONES BARRICADES FLAGGING DEVICES
1205.02 1205.04 1205.05	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS PAVEMENT MARKINGS - DIVIDED AND UNDIVIDED HIGHWAYS PAVEMENT MARKINGS - INTERSECTIONS PAVEMENT MARKINGS - TURN LANES PAVEMENT MARKINGS - BRIDGES PAVEMENT MARKER SPACING RAISED PAVEMENT MARKERS - (PERMANENT AND TEMPORARY) SNOWPLOWABLE RAISED PAVEMENT MARKERS

LEGEND

TRAFFIC CONTROL DEVICES GENERAL DIRECTION OF TRAFFIC FLOW BARRICADE (TYPE III) ---- EXIST. PVMT. NORTH ARROW TEMPORARY CRASH CUSHION PROPOSED PVMT. FLASHING ARROW BOARD FLAGGER WORK AREA LAW ENFORCEMENT \triangleleft CHANGEABLE MESSAGE SIGN PORTABLE CONCRETE BARRIER TRUCK MOUNTED IMPACT ATTENTUATOR PAVEMENT MARKINGS ----EXISTING LINES

----TEMPORARY LINES

TEMPORARY SIGNING

STATIONARY SIGN

PHASING

PROJ. REFERENCE NO. SHEET NO

RANDOLPH CO. BRIDGE #017

INSTALL OFFSITE DETOUR AND ROAD CLOSURE SIGNING FOR THE CLOSURE OF NC 42 / WEST SALISBURY STREET ACCORDING TO TMP-4 AND TMP-5 AND COVER SIGNS AS APPROPRIATE.

INTERMEDIATE CONTRACT TIME:

COMPLETE THE WORK REQUIRED OF STEP 2-4 WITHIN A CONSECUTIVE THIRTY-ONE (31) CALENDAR DAY PERIOD. THIS WORK SHALL NOT BE SUBJECT TO THE LANE CLOSURE TIME RESTRICTIONS STATED IN NOTES A AND B ON SHEET TMP-3.

IN ONE CONTINUOUS WORK PERIOD, UNCOVER OFFSITE DETOUR SIGNS AND ROAD CLOSURE SIGNS, AND INSTALL DEVICES TO CLOSE NC 42 / WEST SALISBURY STREET PER SHEET TMP-4 AND TMP-5.

WITH NC 42 / WEST SALISBURY STREET CLOSED TO TRAFFIC, PERFORM DECK OVERLAY, MILLING, PAVING AND REPLACE FINAL PAVEMENT MARKINGS.

REMOVE DEVICES AND SIGNS CLOSING NC 42 / WEST SALISBURY STREET AND RE-OPEN BRIDGE #017 TO TRAFFIC. REMOVE OFFSITE DETOUR SIGNING.

COMPLETE ANY REMAINING WORK USING LANE CLOSURES ACCORDING TO ROADWAY STANDARD

REMOVE ALL WORK ZONE TRAFFIC CONTROL SIGNING AND DEVICES.

RANDOLPH CO. BRIDGE #177

INSTALL OFFSITE DETOUR AND ROAD CLOSURE SIGNING FOR THE CLOSURE OF ALBEMARLE ROAD ACCORDING TO ROADWAY STANDARD DRAWING 1101.01 AND TMP-6 AND TMP-7 AND COVER SIGNS AS APPROPRIATE.

INTERMEDIATE CONTRACT TIME:

COMPLETE THE WORK REQUIRED OF STEP 2-4 WITHIN A CONSECUTIVE THIRTY-THREE (33) CALENDAR DAY PERIOD. THIS WORK SHALL NOT BE SUBJECT TO THE LANE COSURE TIME RESTRICTIONS STATED IN NOTE

IN ONE CONTINUOUS WORK PERIOD, UNCOVER OFFSITE DETOUR SIGNS AND ROAD CLOSURE SIGNS, AND INSTALL DEVICES TO CLOSE ALBEMARLE ROAD PER SHEET TMP-6 AND TMP-7.

WITH ALBEMARLE ROAD CLOSED TO TRAFFIC, PERFORM DECK OVERLAY, MILLING, PAVING AND REPLACE FINAL PAVEMENT MARKINGS.

REMOVE DEVICES AND COVER OR REMOVE SIGNS CLOSING ALBEMARLE ROAD AND RE-OPEN BRIDGE #177 TO TRAFFIC. COVER OR REMOVE OFFSITE DETOUR SIGNING.

AFTER ALL WORK IS COMPLETE, REMOVE ALL WORK ZONE TRAFFIC CONTROL SIGNING AND DEVICES.

RANDOLPH CO. BRIDGES #196 AND #197

INSTALL OFFSITE DETOUR AND ROAD CLOSURE SIGNING FOR THE CLOSURE OF LEXINGTON ROAD / SUNSET AVENUE ACCORDING TO TMP-8 AND TMP-9 AND COVER SIGNS AS APPROPRIATE.

INTERMEDIATE CONTRACT TIME:

COMPLETE THE WORK REQUIRED OF STEP 2-4 WITHIN A CONSECUTIVE FORTY (40) CALENDAR DAY PERIOD. THIS WORK SHALL NOT BE SUBJECT TO THE LANE CLOSURE TIME RESTRICTIONS

IN ONE CONTINUOUS WORK PERIOD, UNCOVER OFFSITE DETOUR SIGNS AND ROAD CLOSURE SIGNS, AND INSTALL DEVICES TO CLOSE LEXINGTON ROAD / SUNSET AVENUE AND BOTH BRIDGES PER SHEET TMP-8 AND TMP-9.

WITH LEXINGTON ROAD / SUNSET AVENUE CLOSED TO TRAFFIC, PERFORM DECK OVERLAY, MILLING, PAVING AND REPLACE FINAL PAVEMENT MARKINGS.

REMOVE DEVICES AND SIGNS CLOSING LEXINGTON ROAD / SUNSET AVENUE AND RE-OPEN BRIDGES #196 AND #197 TO TRAFFIC. REMOVE OFFSITE DETOUR SIGNING.

COMPLETE ANY REMAINING WORK USING LANE CLOSURES ACCORDING TO ROADWAY STANDARD DRAWING NO. 1101.02.

REMOVE ALL WORK ZONE TRAFFIC CONTROL SIGNING AND DEVICES.



ROADWAY STANDARD DRAWINGS, TRAFFIC CONTROL PHASING, & LEGEND

Gannett Fleming Raleigh NC 27607-3073

Excellence Delivered As Promised NC Lic. No. F-0270

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 UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLAN

TIME RESTRICTIONS

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

ROAD NAME

ALL ROADS

HOLIDAY

- 1. FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
- 2. FOR NEW YEAR'S, BETWEEN THE HOURS OF 6:00 A.M. DECEMBER 31st TO 7:00 P.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 7:00 P.M. THE FOLLOWING
- 3. FOR EASTER, BETWEEN THE HOURS OF 6:00 A.M. THURSDAY AND 7:00 P.M. MONDAY.
- 4. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY TO 7:00 P.M. TUESDAY.
- 5. FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6:00 A.M. THE DAY BEFORE INDEPENDENCE DAY AND 7:00 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 7:00 P.M. THE TUESDAY AFTER INDEPENDENCE DAY.

- 6. FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY AND 7:00 P.M. TUESDAY.
- 7. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 A.M. TUESDAY TO 7:00 P.M. MONDAY
- 8. FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 7:00 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.

LANE AND SHOULDER CLOSURE REQUIREMENTS

- B) 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.
- D) 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.

TRAFFIC PATTERN ALTERATIONS

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

STGNING

- G) 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.
- H) 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.

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

TRAFFIC CONTROL DEVICES

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

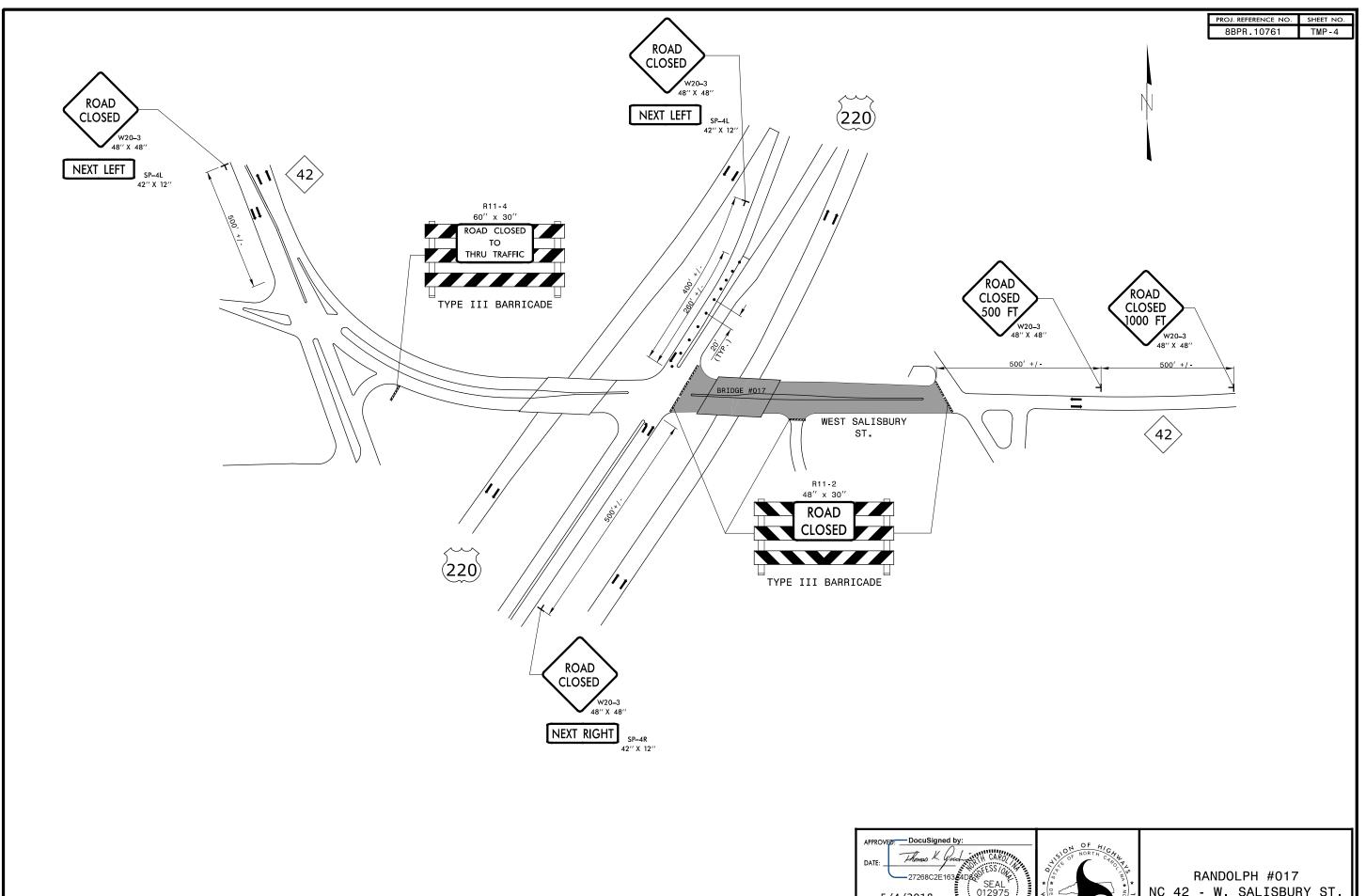
PAVEMENT MARKINGS AND MARKERS

K) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING





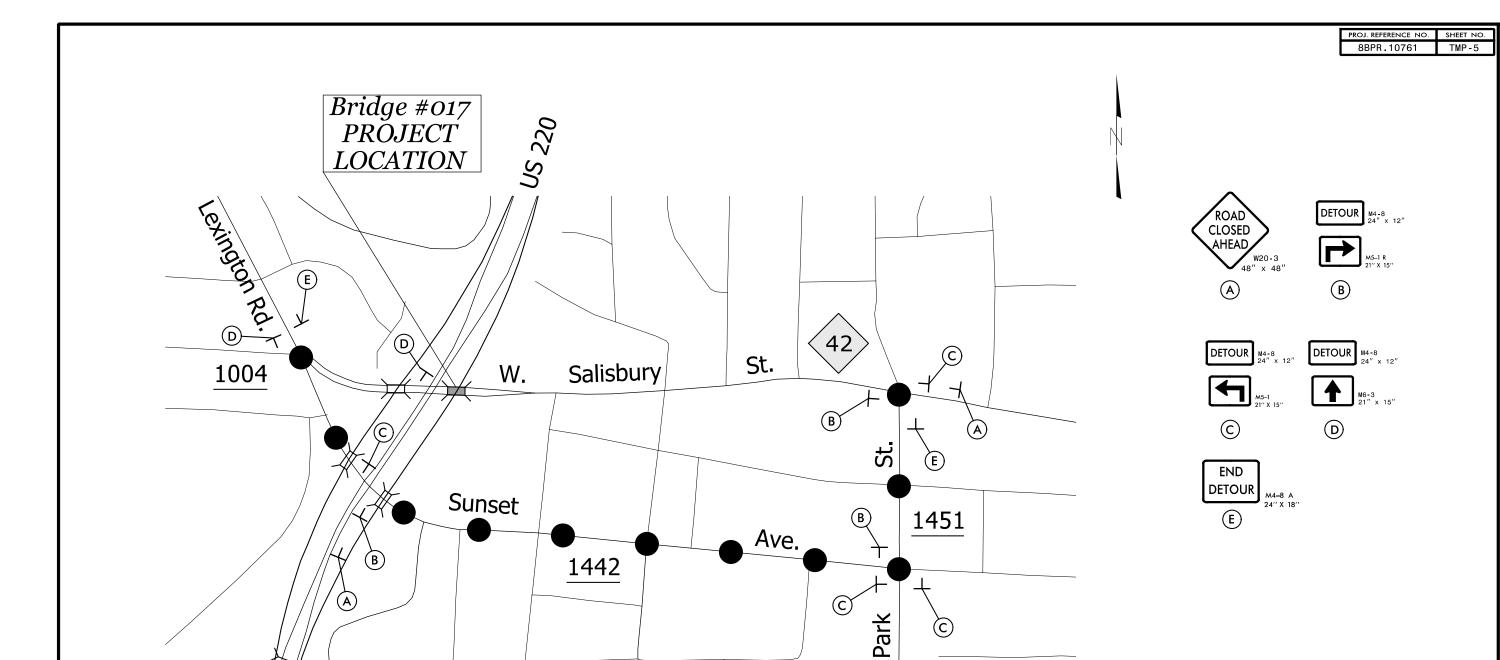
GENERAL NOTES

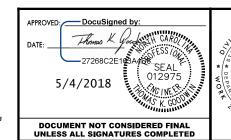






NC 42 - W. SALISBURY ST. ROAD CLOSURE

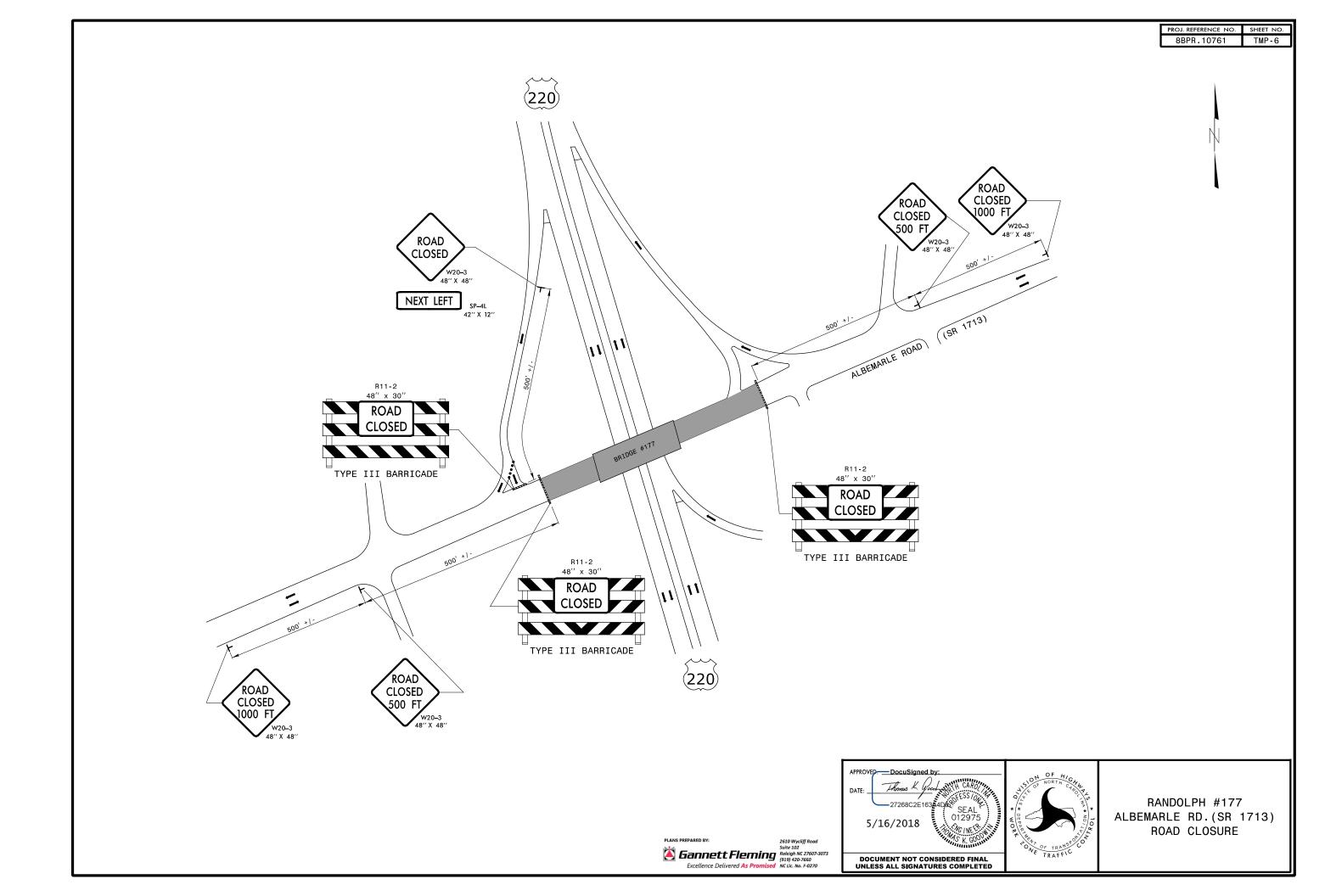


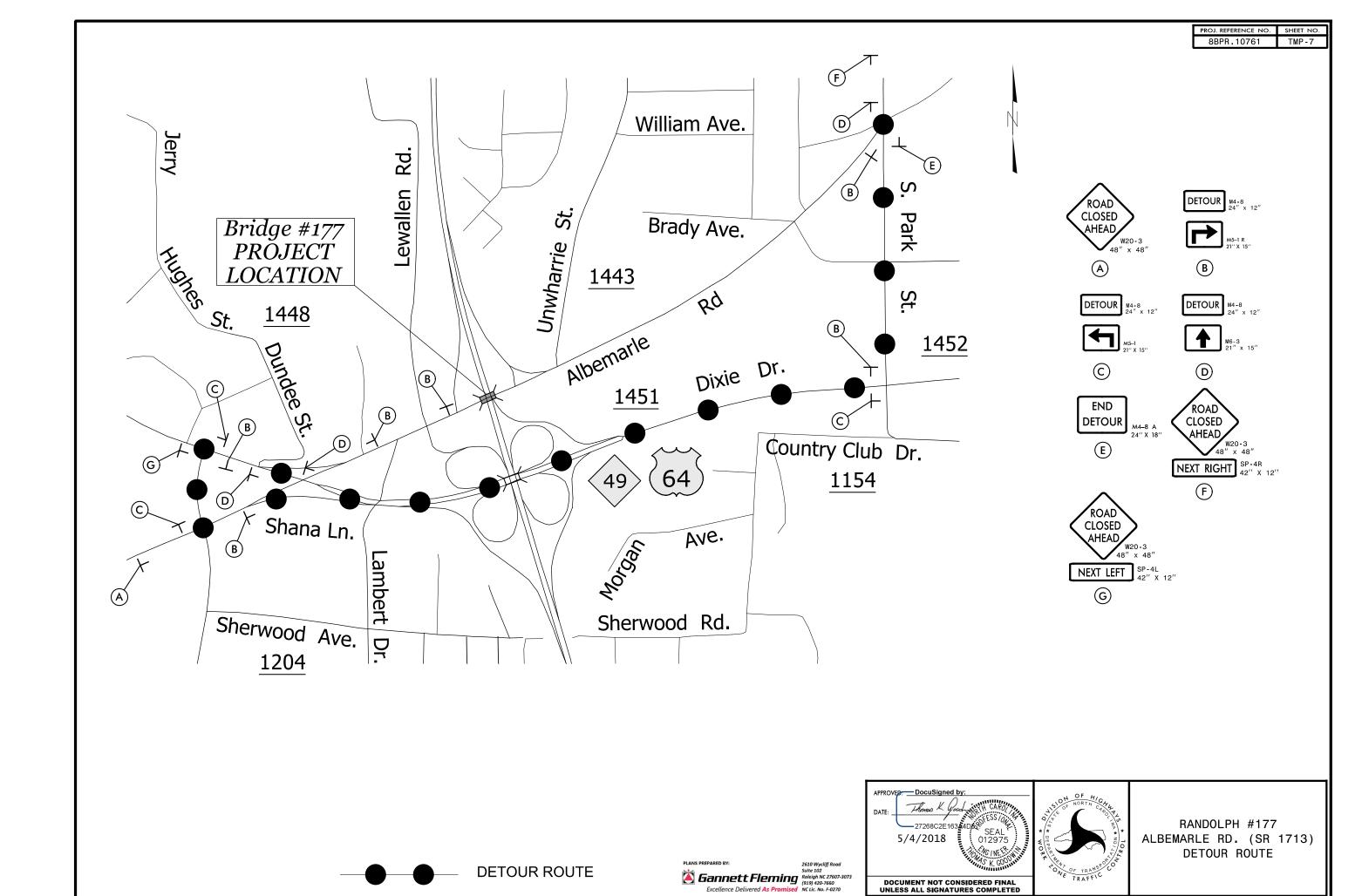


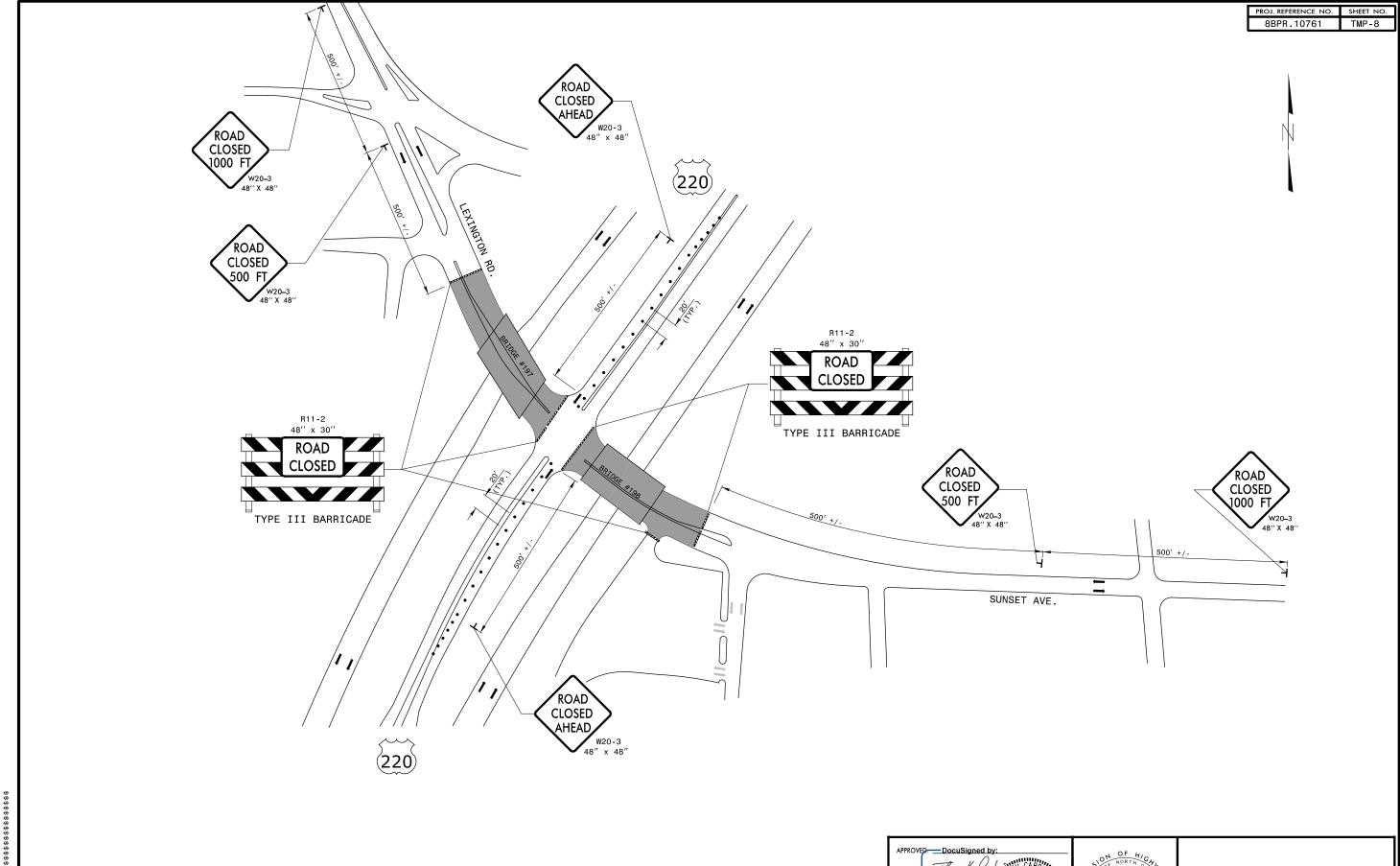


RANDOLPH #017 NC 42 - W. SALISBURY ST. DETOUR ROUTE

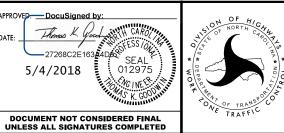




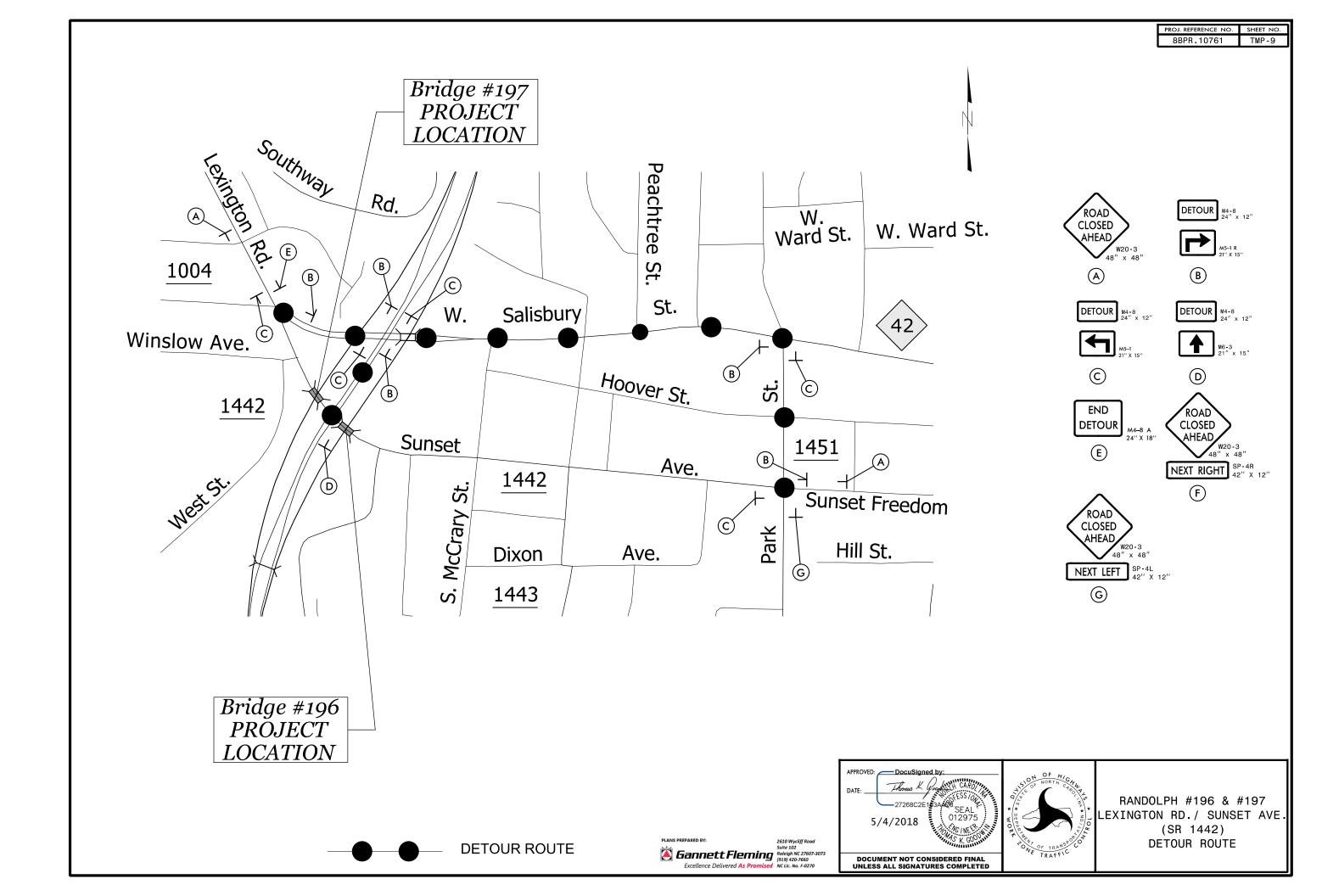








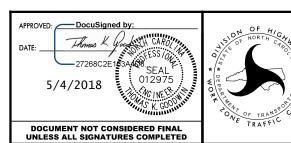
RANDOLPH #196 & #197 LEXINGTON RD./ SUNSET AVE. (SR 1442) ROAD CLOSURE



PROJ. REFERENCE NO.	SHEET NO.
8BPR 10761	TMP-10

			BRIDGE LENGTH	CLEAR ROADWAY	LENGTH OF		BARRICADE TYPE	
COUNTY	BRIDGE	ROUTE	(LF)	WIDTH (LF)	APPROACH (FT)	DRUMS (EA)	III (LF)	
RANDOLPH	017	NC 42	125	68.25	201	25	56	
RANDOLPH	177	ALBEMARLE RD	185	52.25	100	4	40	
RANDOLPH	196	LEXINGTON RD / SUNSET RD	125	67.83	291	28	48	
RANDOLPH	197	LEXINGTON RD / SUNSET RD	150	69.33	418	28	40	
TOTAL						85	184	
				WORK ZONE	PAINT	PAINT		
			WORK ZONE	SIGNS	PAVEMENT	PAVEMENT	PAINT PAVEMENT	
			SIGNS BARRICADE	STATIONARY	MARKING	MARKING LINES	MARKING	PAVEMENT
COUNTY	BRIDGE	ROUTE	MOUNTED (SF)	(SF)	LINES (4") (LF)	(24") (LF)	CHARACTER (EA)	MARKERS (EA)
RANDOLPH	017	NC 42	72.5	167	850	36	8	5
RANDOLPH	177	ALBEMARLE RD	50	188	855		1	6
RANDOLPH	196	LEXINGTON RD / SUNSET RD	60	149	950	36	11	6
RANDOLPH	197	LEXINGTON RD / SUNSET RD	50	149	830	36	9	6
			233	653	3485	108	29	23





QUANTITIES