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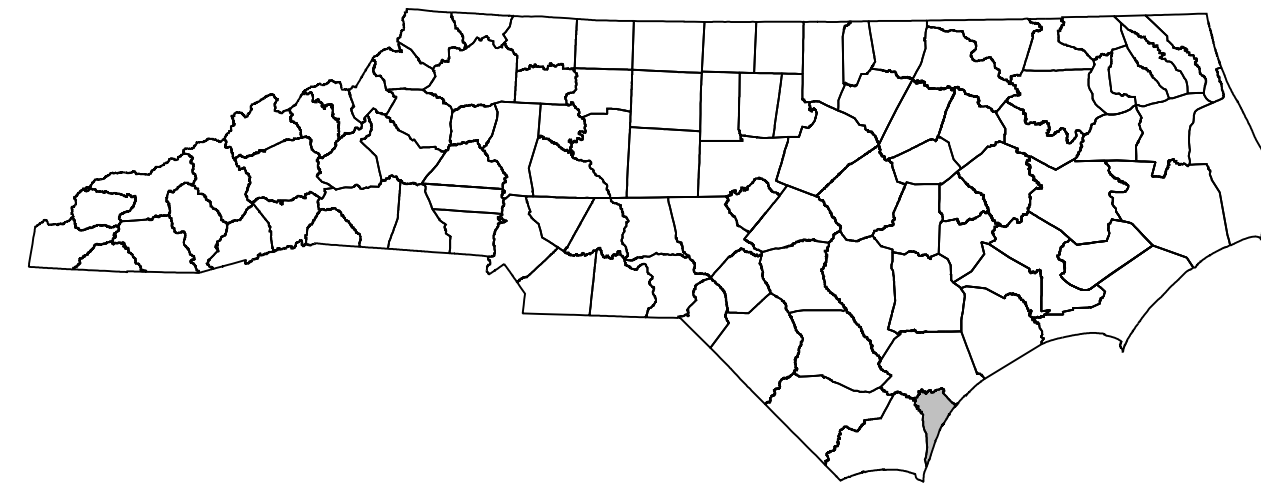
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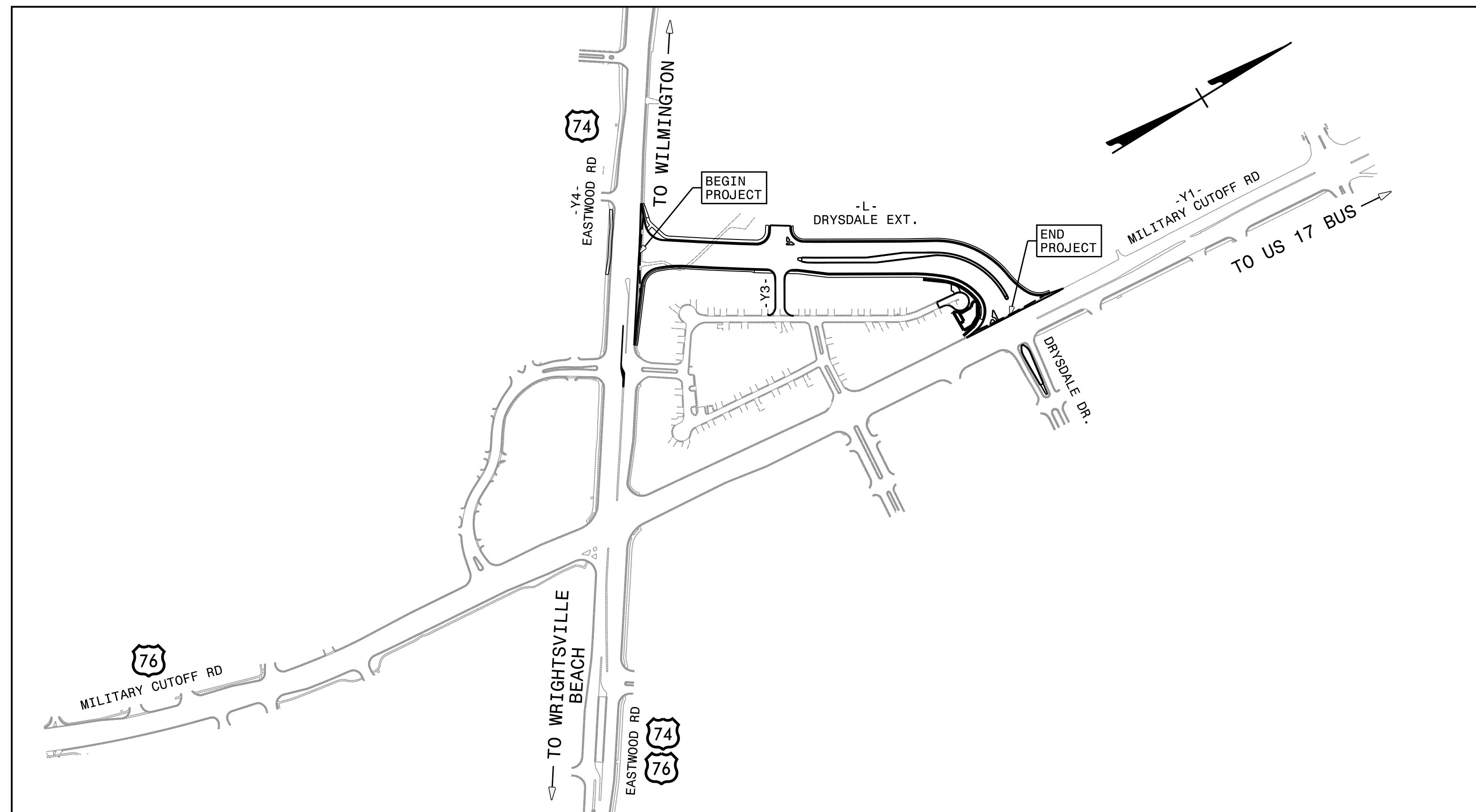
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

NEW HANOVER COUNTY



**LOCATION: NEW LOCATION NORTHWESTERN QUADRANT CONNECTION BETWEEN
US 74 (EASTWOOD RD.) AND US 17 (MILITARY CUTOFF RD.)**



INDEX OF SHEETS

SHEET NO.	TITLE
TMP-1	TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, AND LEGEND
TMP-2 AND TMP-2A	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES AND GENERAL NOTES)
TMP-3	TEMPORARY TRAFFIC CONTROL PHASING
TMP-4 AND TMP-5	TEMPORARY TRAFFIC CONTROL PHASE 1 DETAILS
TMP-6 AND TMP-7	TEMPORARY TRAFFIC CONTROL PHASE 2 DETAILS

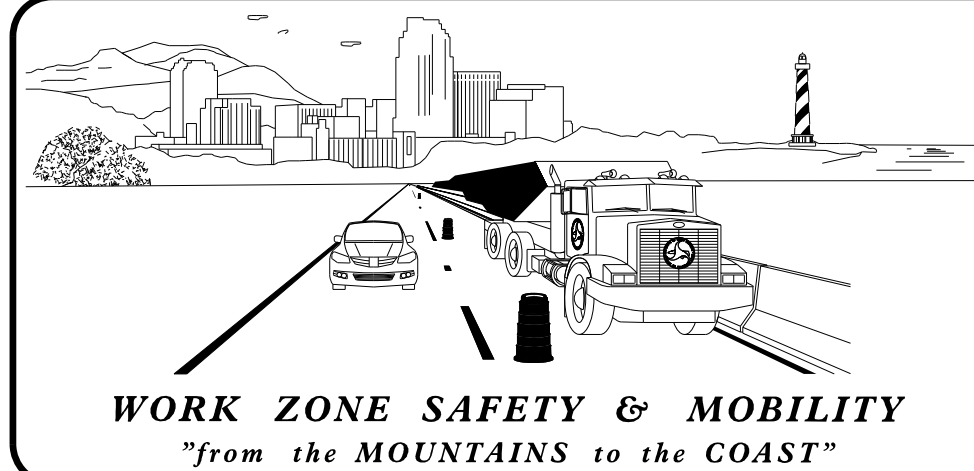
SHEET NO.

TMP - 1

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PLANS PREPARED BY:

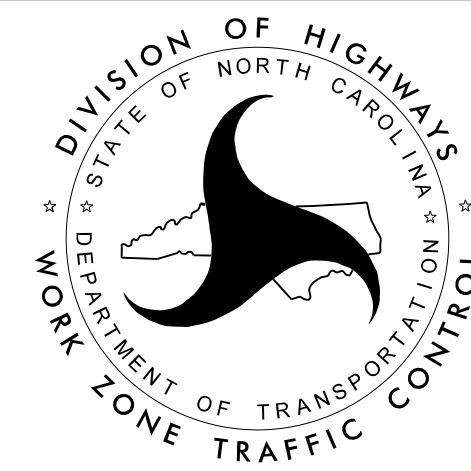
MICHELLE WARD, P.E.
TRAFFIC CONTROL PROJECT ENGINEER

CHRIS HARNDEN
TRAFFIC CONTROL DESIGN ENGINEER

NCDOT CONTACTS:

KENNETH C. THORNEWELL, P.E.
PROJECT ENGINEER

SPENCER JENNINGS
PROJECT DESIGN ENGINEER



PLAN PREPARED BY:



HDR Engineering, Inc. of the Carolinas
555 Fayetteville St, Suite 900, Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

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DATE: 3/23/2022

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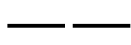


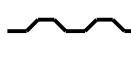

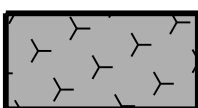
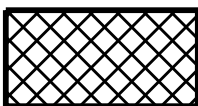
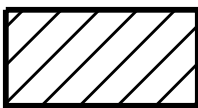
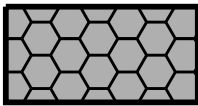
ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - 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:












<u>STD. NO.</u>	<u>TITLE</u>
1101.01	WORK ZONE ADVANCE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUM
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1165.01	TRUCK MOUNTED ATTENUATOR
1180.01	SKINNY-DRUM
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTI-LANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION
1266.01	RAISED PAVEMENT MARKERS - TUBULAR MARKERS

LEGEND


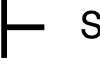

GENERAL

-  DIRECTION OF TRAFFIC FLOW
-  DIRECTION OF PEDESTRIAN TRAFFIC FLOW
-  EXIST. PVMT.
-  NORTH ARROW
-  PROPOSED PVMT.
-  TEMP. SHORING (LOCATION PURPOSES ONLY)
-  WORK AREA
-  CONTINUING CONSTRUCTION
-  REMOVAL
-  WEDGING
-  TEMPORARY PAVEMENT

TRAFFIC CONTROL DEVICES

-  BARRICADE (TYPE III)
-  CONE
-  DRUM  SKINNY DRUM  TUBULAR MARKER
-  TEMPORARY CRASH CUSHION
-  FLASHING ARROW PANEL (TYPE C)
-  FLAGGER
-  LAW ENFORCEMENT
-  TRUCK MOUNTED IMPACT ATTENUATOR (TMIA)
-  CHANGEABLE MESSAGE SIGN

TEMPORARY SIGNING

-  PORTABLE SIGN
-  STATIONARY SIGN
-  STATIONARY OR PORTABLE SIGN




SIGNALS

-  EXISTING
-  PROPOSED
-  TEMPORARY

PAVEMENT MARKINGS

-  EXISTING LINES
-  TEMPORARY LINES

PAVEMENT MARKERS

-  CRYSTAL / CRYSTAL
-  CRYSTAL / RED
-  YELLOW / YELLOW

PAVEMENT MARKING SYMBOLS


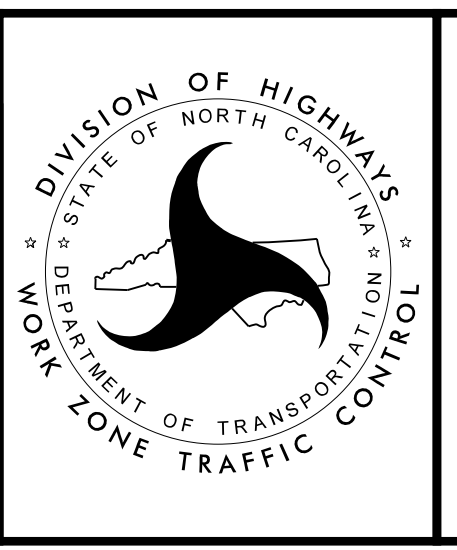
-  PAVEMENT MARKING SYMBOLS

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APPROVED: *Michelle Ward*

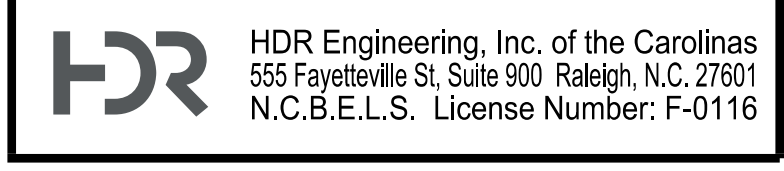
DATE: 4/18/2022

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ROADWAY STANDARD
DRAWINGS & LEGEND

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MANAGEMENT STRATEGIES

DURING PHASE 1, TRAFFIC IS MAINTAINED IN THE EXISTING TRAFFIC PATTERNS. USING SHOULDER CLOSURES OR LANE CLOSURES, -L- IS COMPLETED FROM THE TIE-IN WITH -Y4- (US 74 EASTWOOD RD) TO THE TIE-IN WITH -Y1- (US 17/MILITARY CUTOFF RD), AND -Y7- (EXISTING DRYSALE DR).

A TEMPORARY TRAFFIC SIGNAL WITH BE REQUIRED AT THE INTERSECTION OF -Y1- (US 17/MILITARY CUTOFF RD) AND -L- (DRYSDALE DR. EXT.), TO MOVE POLES AWAY FROM WIDENING AND CONSTRUCTION ACCESS.

DURING PHASE 2, TRAFFIC WILL BE SHIFTED TO THE FINAL PATTERN ON -L- (DRYSDALE DR EXT.), -Y1- (US 17/MILITARY CUTOFF RD), -Y3- (DRYSDALE/CLIPPER CONNECTOR.), -Y4- (US 74/EASTWOOD RD), -Y7- (EXISTING DRYSDALE DR), AND KING ARTHUR DR.

USING LANE CLOSURES, CLOSE LEFT TURN ACCESS TO GALLEON LN, REMOVE EXISTING ISLAND ON -Y4-, THEN PLACE THE FINAL MARKINGS AND TUBULAR MARKERS.

PROPOSED SIGNALS WILL BE REQUIRED AT THE INTERSECTIONS OF:

- L- (DRYSDALE DR. EXT.)/-Y1- (US 17/MILITARY CUTOFF RD)
- L- (DRYSDALE DR. EXT.)/-Y4- (US 74/EASTWOOD RD)
- L- (DRYSDALE DR. EXT.)/-Y3- (DRYSDALE/CLIPPER CONNECTOR)
- Y1- (US 17/MILITARY CUTOFF RD) EMERGENCY SIGNAL AT FIRE STATION

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. MODIFICATIONS 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 PROJECT, EXCEPT WHEN OTHERWISE NOTED IN THE PLAN, OR AS DIRECTED BY THE ENGINEER.

TIME RESTRICTIONS

A) DO NOT CONDUCT ANY WORK AS FOLLOWS:

<u>ROAD NAME</u>	<u>DAY AND TIME RESTRICTIONS</u>
-L- (DRYSDALE DR EXT.)	SUNDAY THROUGH SATURDAY
-Y2- (CLIPPER LN)	9:00 P.M. TO 6:00 A.M.
-Y3- (DRYSDALE/CLIPPER CONNECTOR)	

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

<u>ROAD NAME</u>	<u>DAY AND TIME RESTRICTIONS</u>
-Y1- (US 17/MILITARY CUTOFF RD)	SUNDAY THROUGH SATURDAY
-Y4- (US 74/EASTWOOD RD)	6:00 A.M. TO 9:00 P.M.
-Y7- (EXISTING DRYSDALE DR)	

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

ROAD NAME

- Y1- (US 17/MILITARY CUTOFF RD)
- Y4- (US 74/EASTWOOD RD)
- Y7- (EXISTING DRYSDALE DR)

- Y2- (CLIPPER LN)
- Y3- (DRYSDALE/CLIPPER CONNECTOR)

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 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.

3. FOR EASTER, BETWEEN THE HOURS OF 6:00 A.M. THURSDAY AND 9:00 P.M. MONDAY.

4. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY TO 9:00 P.M. TUESDAY.

5. 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.

6. FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY AND 9:00 P.M. TUESDAY.

7. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 A.M. TUESDAY TO 9:00 P.M. MONDAY.

8. 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.

9. FOR THE NORTH CAROLINA AZALEA FESTIVAL BETWEEN THE HOURS OF 6:00 A.M. THE DAY BEFORE THE EVENT AND 9:00 P.M. THE DAY AFTER THE EVENT.

10. FOR THE NHRMC WILMINGTON MARATHON MADNESS BETWEEN THREE (3) HOURS BEFORE THE START AND THREE (3) HOURS AFTER THE EVENT.

11. FOR THE IRONMAN 70.3 NORTH CAROLINA BETWEEN THREE (3) HOURS BEFORE THE START AND THREE (3) HOURS AFTER THE EVENT.

12. FOR THE RIVER TO SEA BETWEEN THREE (3) HOURS BEFORE THE START AND THREE (3) HOURS AFTER THE EVENT.

13. FOR THE RACE 13.1 BETWEEN THREE (3) HOURS BEFORE THE START AND THREE (3) HOURS AFTER THE EVENT.

14. FOR THE YMCA TRIATHLON BETWEEN THREE (3) HOURS BEFORE THE START AND THREE (3) HOURS AFTER THE EVENT.

15. FOR THE AZALEA TRIATHLON BETWEEN THREE (3) HOURS BEFORE THE START AND THREE (3) HOURS AFTER THE EVENT.

HAULING RESTRICTIONS

D) DO NOT CONDUCT MULTI-VEHICLE HAULING AS FOLLOWS; INGRESS AND EGRESS FROM ANY OPEN TRAVEL LANE WILL NOT BE ALLOWED:

<u>ROAD NAME</u>	<u>DAY AND TIME RESTRICTIONS</u>
-Y1- (US 17/MILITARY CUTOFF RD)	MONDAY THROUGH FRIDAY
-Y4- (US 74/EASTWOOD RD)	6:00 A.M. TO 9:00 A.M. 4:00 P.M. TO 7:00 P.M.
	7:00 P.M. FRIDAY THROUGH 6:00 A.M. MONDAY

E) 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.

F) DO NOT CONDUCT ANY HAULING IN THE EASTPORT SUBDIVISION.

LANE AND SHOULDER CLOSURE REQUIREMENTS

G) 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.

H) 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.

I) 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 BARRIER OR GUARDRAIL.

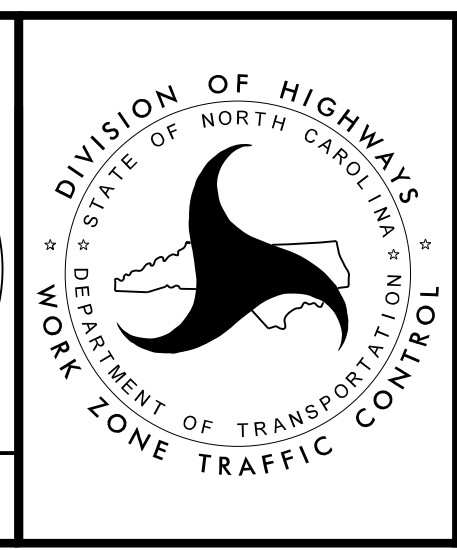
J) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS, OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.

APPROVED: *Michelle Ward*

DATE: 12/9/2021

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TRANSPORTATION OPERATIONS PLAN (SHEET 1 OF 2)

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REVISIONS

PROJ. REFERENCE NO.	SHEET NO.
U-5710A	TMP-2A
 HDR Engineering, Inc. of the Carolinas 555 Fayetteville St, Suite 900 Raleigh, N.C. 27601 N.C.B.E.L.S. License Number: F-0116	

GENERAL NOTES (CONT.)

PAVEMENT EDGE DROP OFF REQUIREMENTS

- K) BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPENED TRAVEL LANE THAT HAS AN EDGE OF PAVEMENT DROP-OFF AS FOLLOWS:

 BACKFILL DROP-OFFS THAT EXCEED 2 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.

 BACKFILL DROP-OFFS THAT EXCEED 3 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS LESS THAN 45 MPH.

 BACKFILL WITH SUITABLE COMPACTED MATERIAL, AS APPROVED BY THE ENGINEER, AT NO EXPENSE TO THE DEPARTMENT.
- L) 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

- M) NOTIFY THE ENGINEER THIRTY (30) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

SIGNING

- N) 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.
- O) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
- P) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

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



- T) INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON INTERIM LAYERS OF PAVEMENT AS FOLLOWS:


<u>ROAD NAME</u>	<u>MARKING</u>	<u>MARKER</u>
ALL ROADS	PAINT	TEMPORARY RAISED

- U) PLACE ONE APPLICATION OF PAINT FOR TEMPORARY TRAFFIC PATTERNS. PLACE A SECOND APPLICATION OF PAINT SIX (6) MONTHS AFTER THE INITIAL APPLICATION AND EVERY SIX MONTHS AS DIRECTED BY THE ENGINEER.
- V) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- W) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.
- X) TRACE THE PROPOSED MONOLITHIC ISLAND LOCATIONS WITH PROPER COLOR PAVEMENT MARKINGS PRIOR TO INSTALLATION. PLACE DRUMS TO DELINEATE ANY PROPOSED MONOLITHIC ISLANDS

MISCELLANEOUS

- Y) LAW ENFORCEMENT SHALL BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.
- Z) ALL CURB RAMP LOCATIONS SHALL BE DERIVED FROM STATIONING SHOWN ON PAVEMENT MARKING PLANS OR AS DIRECTED BY THE ENGINEER IN COORDINATION WITH THE SIGNING AND DELINEATION UNIT.
- AA) 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.).

APPROVED: <i>Michelle Ward</i> DATE: 12/9/2021 SEAL 		TRANSPORTATION OPERATIONS PLAN (SHEET 2 OF 2)
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

PROJ. REFERENCE NO.	SHEET NO.
U-5710A	TMP-3
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NOTES:

BEFORE BEGINNING ANY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL INSTALL ALL ADVANCE WARNING SIGNS AND TRAFFIC CONTROL DEVICES ACCORDING TO RSD 1101.01, SHEETS 2 & 3 OF 3. FIELD VERIFY LOCATIONS WITH THE RESIDENT ENGINEER PRIOR TO INSTALLATION.

MAINTAIN ACCESS TO ALL RESIDENCES AND BUSINESSES DURING THE LIFE OF THE CONTRACT USING INCIDENTAL STONE AS NEED, UNLESS OTHERWISE NOTED IN THE PHASING OR AS DIRECTED BY THE ENGINEER.

COMPLETE ANY PROPOSED OR TEMPORARY WIDENING IN SUCH A MANNER THAT NO PONDING OF WATER WILL OCCUR WITHIN THE TRAVEL LANE.

WHEN PHASING STATES TO USE LANE CLOSURES, REFER TO THE FOLLOWING FOR ALL EXISTING AND PROPOSED ROADS:

- ALL TWO-LANE/TWO-WAY FACILITIES - SEE RSD 1101.02, SHEET 1 OF 14
- ALL 3-LANE OR 5-LANE ROADWAYS - SEE RSD 1101.02, SHEET 2 OF 14
- ALL MULTI-LANE FACILITIES POSTED < 60 MPH - SEE RSD 1101.02, SHEET 3 OF 14

WHEN USING LANE CLOSURES (RSD 1101.02), RETURN TRAFFIC TO EXISTING AND/OR CURRENT TEMPORARY TRAFFIC PATTERN UPON ACTIVITIES COMPLETION, UNLESS OTHERWISE NOTED IN THE PHASING.

WHEN INSTALLING AND ACTIVATING TEMPORARY AND FINAL SIGNALS, USE LANE CLOSURES (RSD 1101.02) AND LAW ENFORCEMENT.

COMPLETE PROPOSED CONSTRUCTION UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE UNTIL STATED TO PLACE FINAL LAYER IN THE PHASING.

PHASE 1 (TMP-4 AND TMP-5)

STEP 1:

NOTES:

1. SEE CONTRACT AND SPECIAL PROVISIONS FOR DATE OF AVAILABILITY AND OTHER REQUIREMENTS TO CONDUCT THE WORK LISTED IN STEP 1 BELOW. NOT ALL WORK IN STEP 1 CAN BEGIN IMMEDIATELY UPON INITIAL DATE OF AVAILABILITY.
2. DURING PHASE 1, STEP 1, THE FOLLOWING TEMPORARY SIGNAL WILL BE NEEDED FOR ROADWAY WIDENING AND CONSTRUCTION ACCESS:

#03-0752T1 AT THE -L- (DRYSDALE DR EXT.) AND -Y1- (US 17/MILITARY CUTOFF RD) INTERSECTION

USING SHOULDER CLOSURES AND LANE CLOSURES COMPLETE CONSTRUCTION OF THE FOLLOWING INCLUDING THE FINAL LAYER OF SURFACE COURSE:

- -L- (DRYSDALE DR EXT.) FROM THE TIE-IN WITH -Y4- (US 74/EASTWOOD RD) TO THE TIE-IN WITH -Y1- (US 17/MILITARY CUTOFF RD) (MAINTAIN SIDEWALK ACCESS AT ALL TIMES ALONG NORTH SIDE OF EASTWOOD RD USING TEMPORARY MEASURES, AS NEEDED - SEE GENERAL NOTE AA)
- NEW CROSS CITY TRAIL ALIGNMENT ON THE RIGHT SIDE OF -Y4- (US 74/EASTWOOD RD) (MAINTAIN TRAIL ACCESS AT ALL TIMES USING TEMPORARY MEASURES - SEE GENERAL NOTE AA)
- -Y3- (DRYSDALE/CLIPPER CONNECTOR)
- -Y6- (CENTER POINT)
- -Y7- (EXISTING DRYSDALE DR)
- CUL-DE-SAC ON -Y2- (CLIPPER LN)

PHASE 2 (TMP-6 THRU TMP-7)

STEP 1:

NOTE: DURING PHASE 2, THE FOLLOWING FINAL SIGNALS WILL BE NEEDED WHEN SHIFTING TO THE PHASE 2 TRAFFIC PATTERN:

#03-1153 AT THE -L- (DRYSDALE DR EXT.) AND -Y4- (US 74/EASTWOOD RD) INTERSECTION

#03-0752 AT THE -L- (DRYSDALE DR EXT.) AND -Y1- (US 17/MILITARY CUTOFF RD) INTERSECTION

#03-1152 AT THE -L- (DRYSDALE DR EXT.) AND -Y3- (DRYSDALE/CLIPPER CONNECTOR) INTERSECTION

ADDITIONAL SIGNAL HEAD AT THE EMERGENCY SIGNAL FOR THE FIRE STATION ON -Y1- (US 17/MILITARY CUTOFF RD) BETWEEN PARKER FARM RD AND -L- (DRYSDALE DR EXT.)

USING LANE CLOSURES, PLACE THE FINAL MARKINGS AND MARKERS ACCORDING TO THE FINAL PAVEMENT MARKING PLAN AND OPEN -L- AND ALL -Y- LINES TO THE FINAL TRAFFIC PATTERN.

STEP 2:

USING LANE CLOSURES, CLOSE LEFT TURN ACCESS FROM -Y4- (US 74/EASTWOOD RD) TO GALLEON LN AND REMOVE EXISTING ISLAND ON -Y4- (US 74/EASTWOOD RD). (SEE TMP-6)

STEP 3:

REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES.

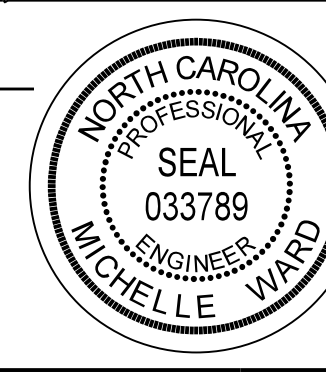
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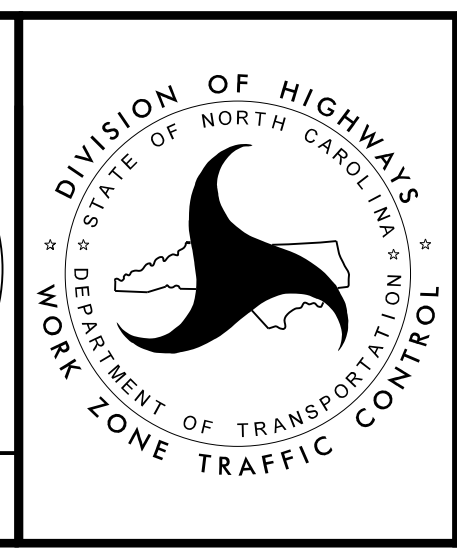
APPROVED: *Michelle Ward*

DATE: 12/9/2021

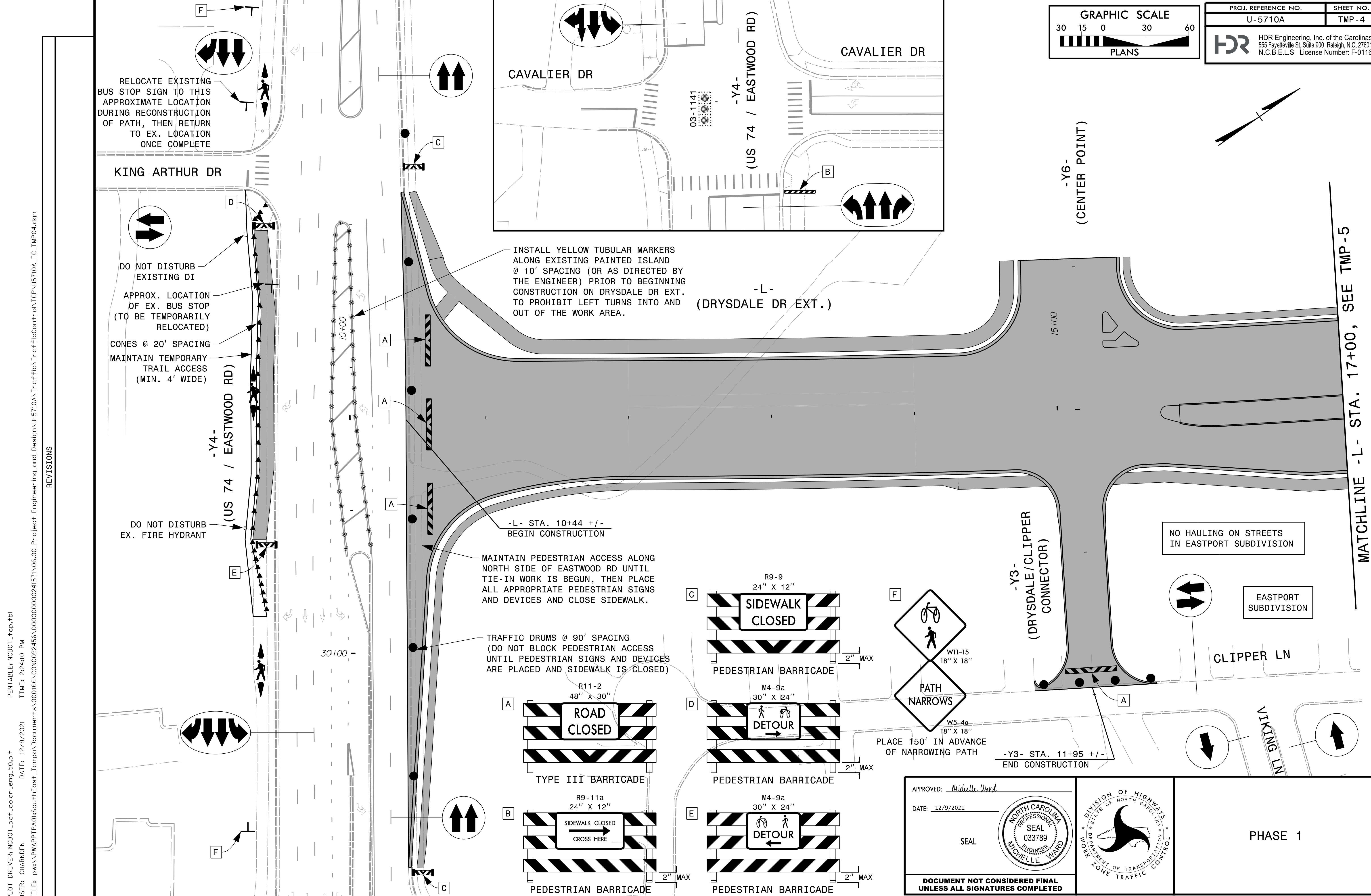
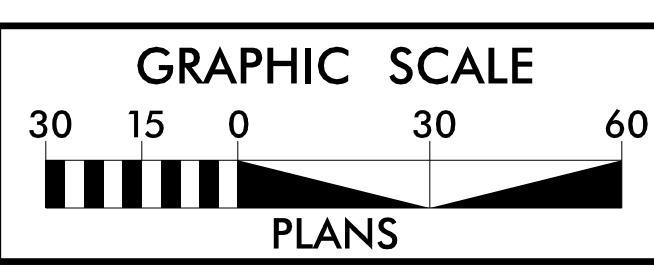
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**TEMPORARY TRAFFIC
CONTROL PHASING**



RELOCATE EXISTING BUS STOP SIGN TO THIS APPROXIMATE LOCATION DURING RECONSTRUCTION OF PATH, THEN RETURN TO EX. LOCATION ONCE COMPLETE

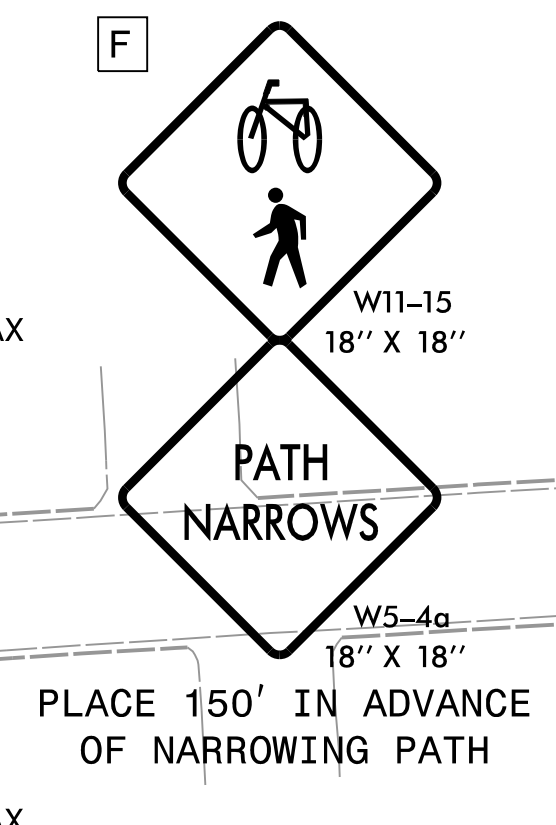
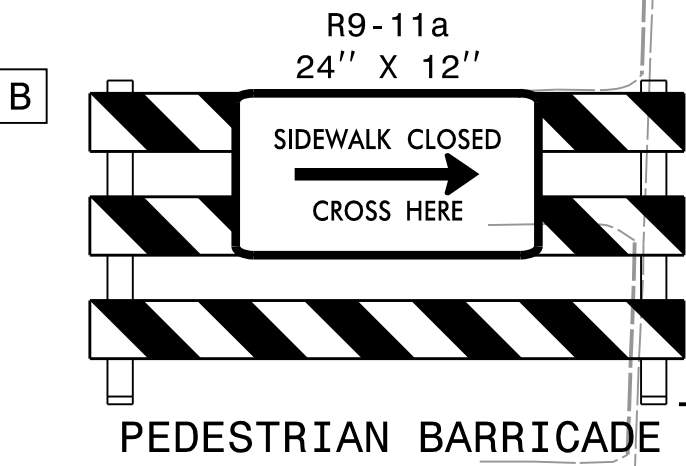
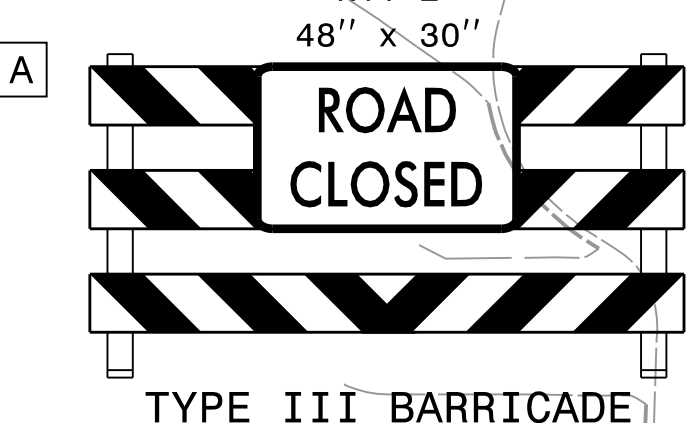
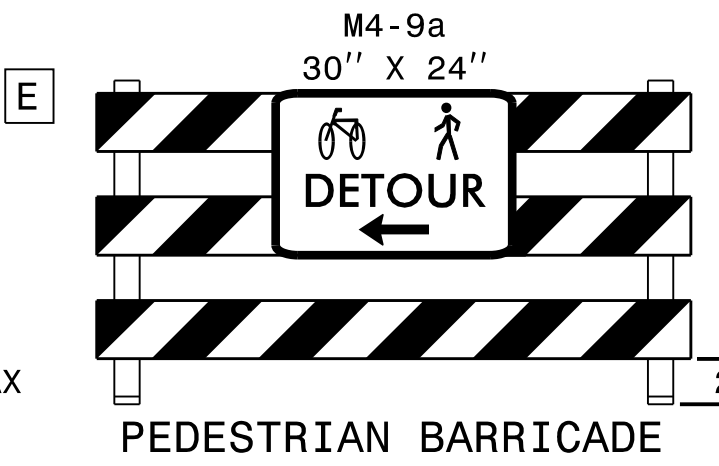
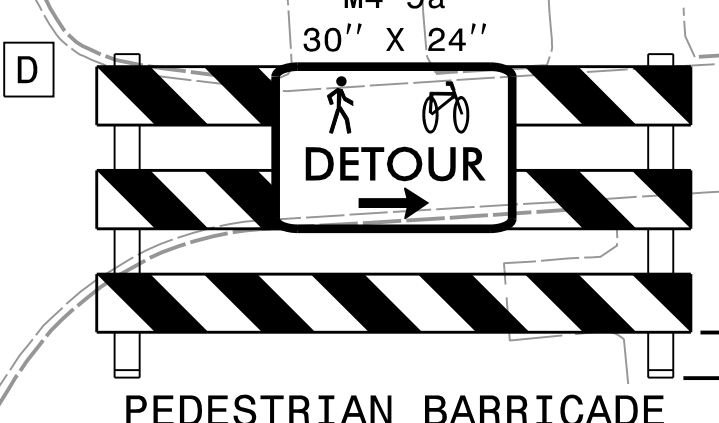
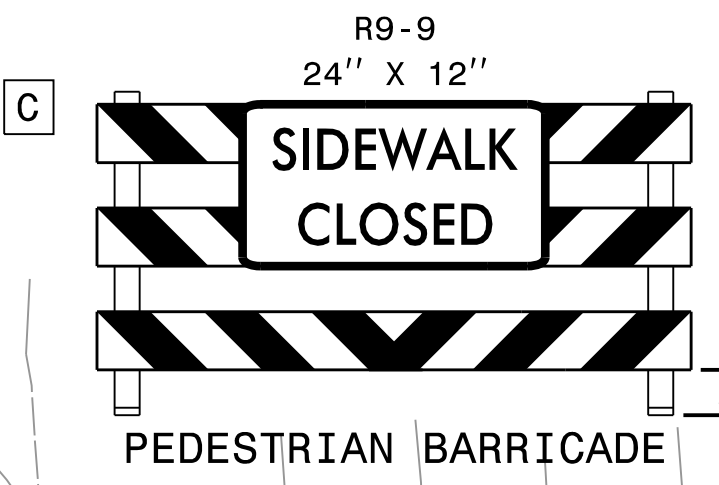
DO NOT DISTURB EXISTING DI
 APPROX. LOCATION OF EX. BUS STOP (TO BE TEMPORARILY RELOCATED)
 CONES @ 20' SPACING
 MAINTAIN TEMPORARY TRAIL ACCESS (MIN. 4' WIDE)

DO NOT DISTURB EX. FIRE HYDRANT

INSTALL YELLOW TUBULAR MARKERS ALONG EXISTING PAINTED ISLAND @ 10' SPACING (OR AS DIRECTED BY THE ENGINEER) PRIOR TO BEGINNING CONSTRUCTION ON DRYSDALE DR EXT. TO PROHIBIT LEFT TURNS INTO AND OUT OF THE WORK AREA.

MAINTAIN PEDESTRIAN ACCESS ALONG NORTH SIDE OF EASTWOOD RD UNTIL TIE-IN WORK IS BEGUN, THEN PLACE ALL APPROPRIATE PEDESTRIAN SIGNS AND DEVICES AND CLOSE SIDEWALK.

TRAFFIC DRUMS @ 90' SPACING (DO NOT BLOCK PEDESTRIAN ACCESS UNTIL PEDESTRIAN SIGNS AND DEVICES ARE PLACED AND SIDEWALK IS CLOSED)

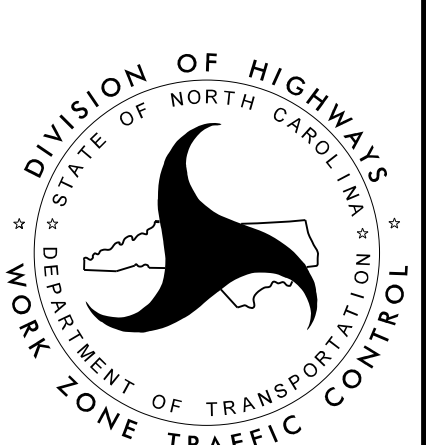


PLACE 150' IN ADVANCE OF NARROWING PATH

APPROVED: *Michelle Ward*
 DATE: 12/9/2021

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NORTH CAROLINA PROFESSIONAL SEAL 033789 ENGINEER MICHELLE WARD

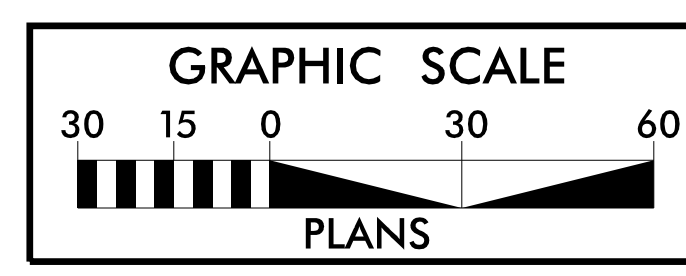


PHASE 1

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 REVISIONS

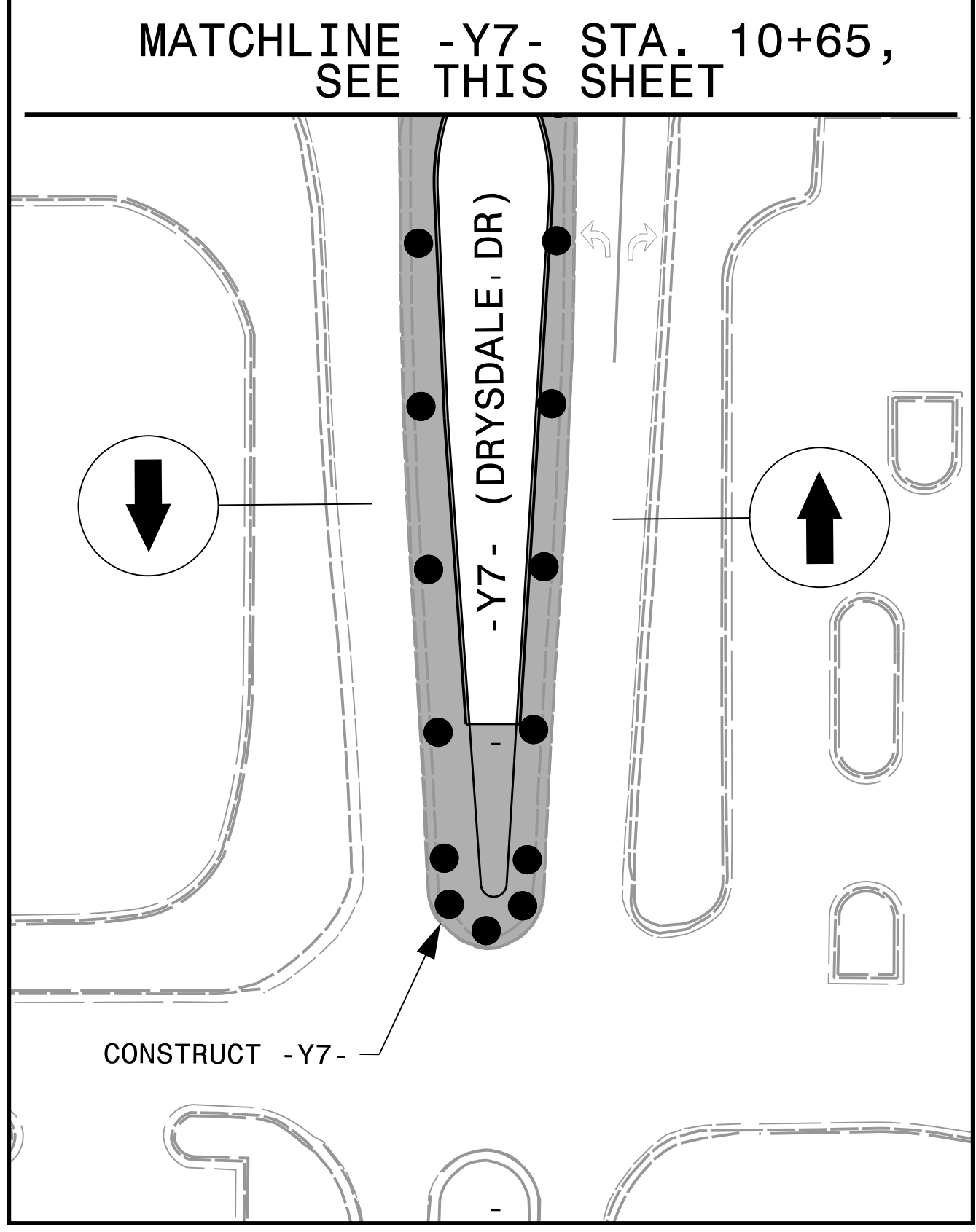
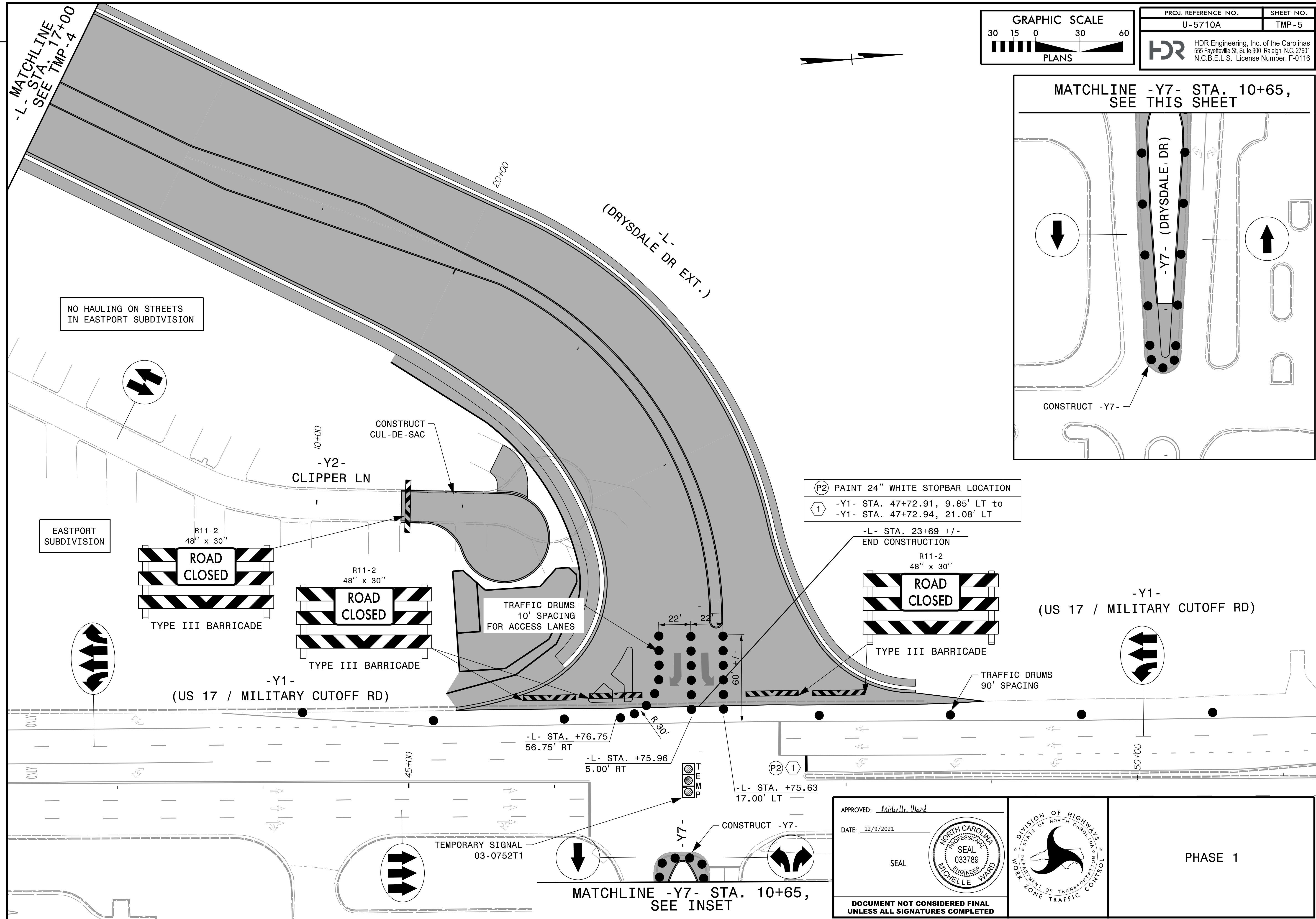
MATCHLINE -L- STA. 17+00, SEE TMP-5



PROJ. REFERENCE NO. U-5710A SHEET NO. TMP-5
HDR Engineering, Inc. of the Carolinas
555 Fayetteville St. Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

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REVISIONS



(P2) PAINT 24" WHITE STOPBAR LOCATION
① -Y1- STA. 47+72.91, 9.85' LT to
-Y1- STA. 47+72.94, 21.08' LT

-L- STA. 23+69 +/-
END CONSTRUCTION

(P2) ①

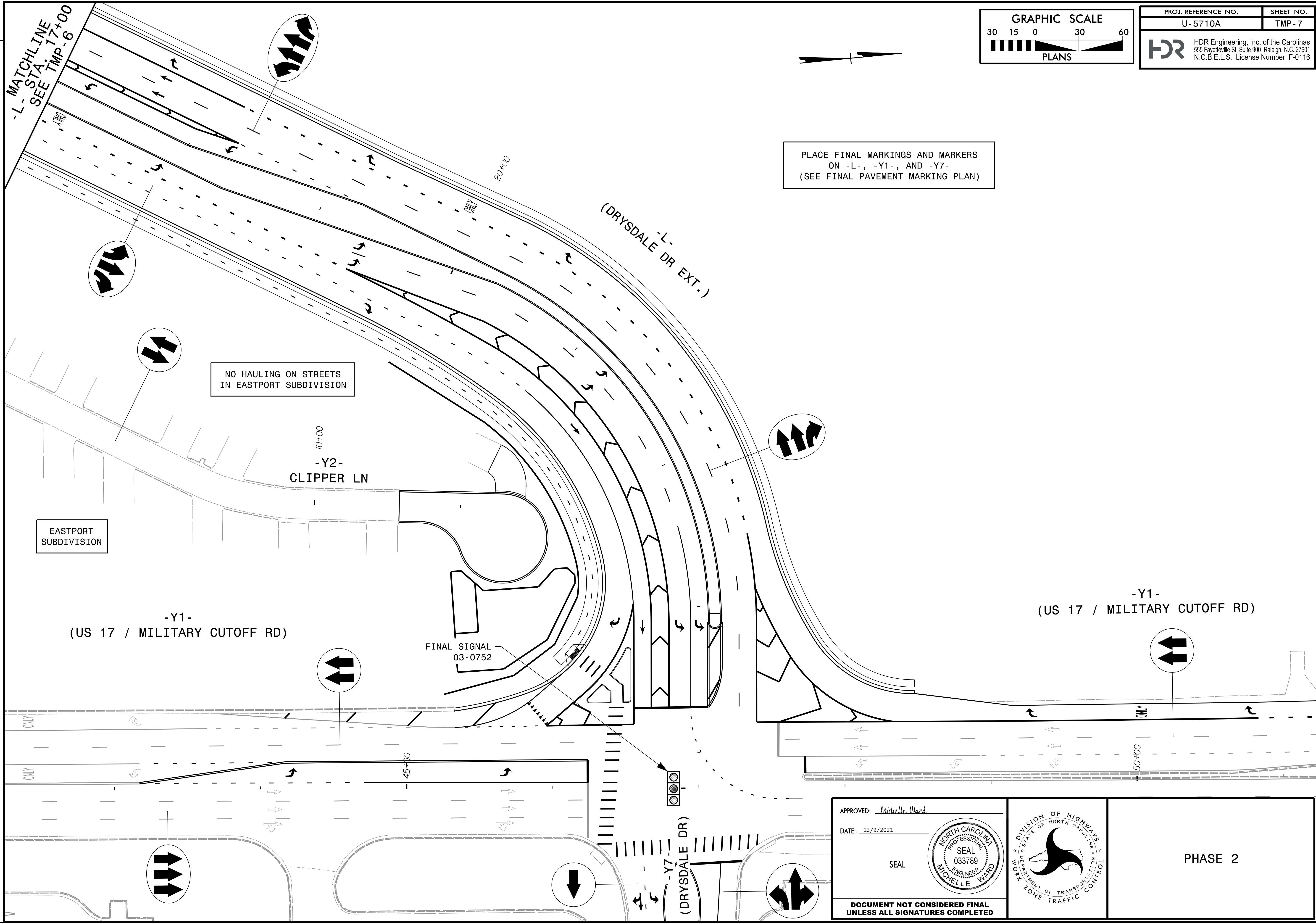
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DATE: 12/9/2021
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MICHIELLE WARD
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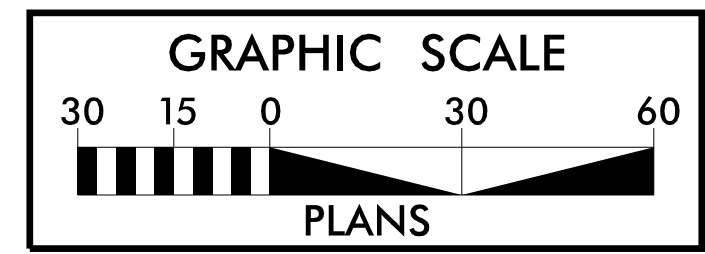
PHASE 1


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REVISIONS



PLACE FINAL MARKINGS AND MARKERS
ON -L-, -Y1-, AND -Y7-
(SEE FINAL PAVEMENT MARKING PLAN)




PROJ. REFERENCE NO. U-5710A	SHEET NO. TMP - 7
 HDR Engineering, Inc. of the Carolinas 555 Fayetteville St, Suite 900 Raleigh, N.C. 27601 N.C.B.E.L.S. License Number: F-0116	

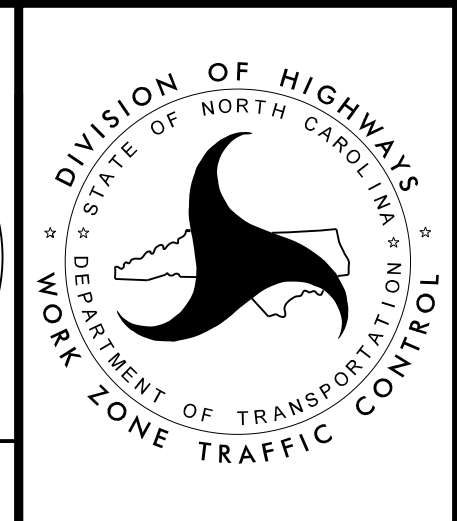
APPROVED: *Michelle Ward*

DATE: 12/9/2021

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PHASE 2