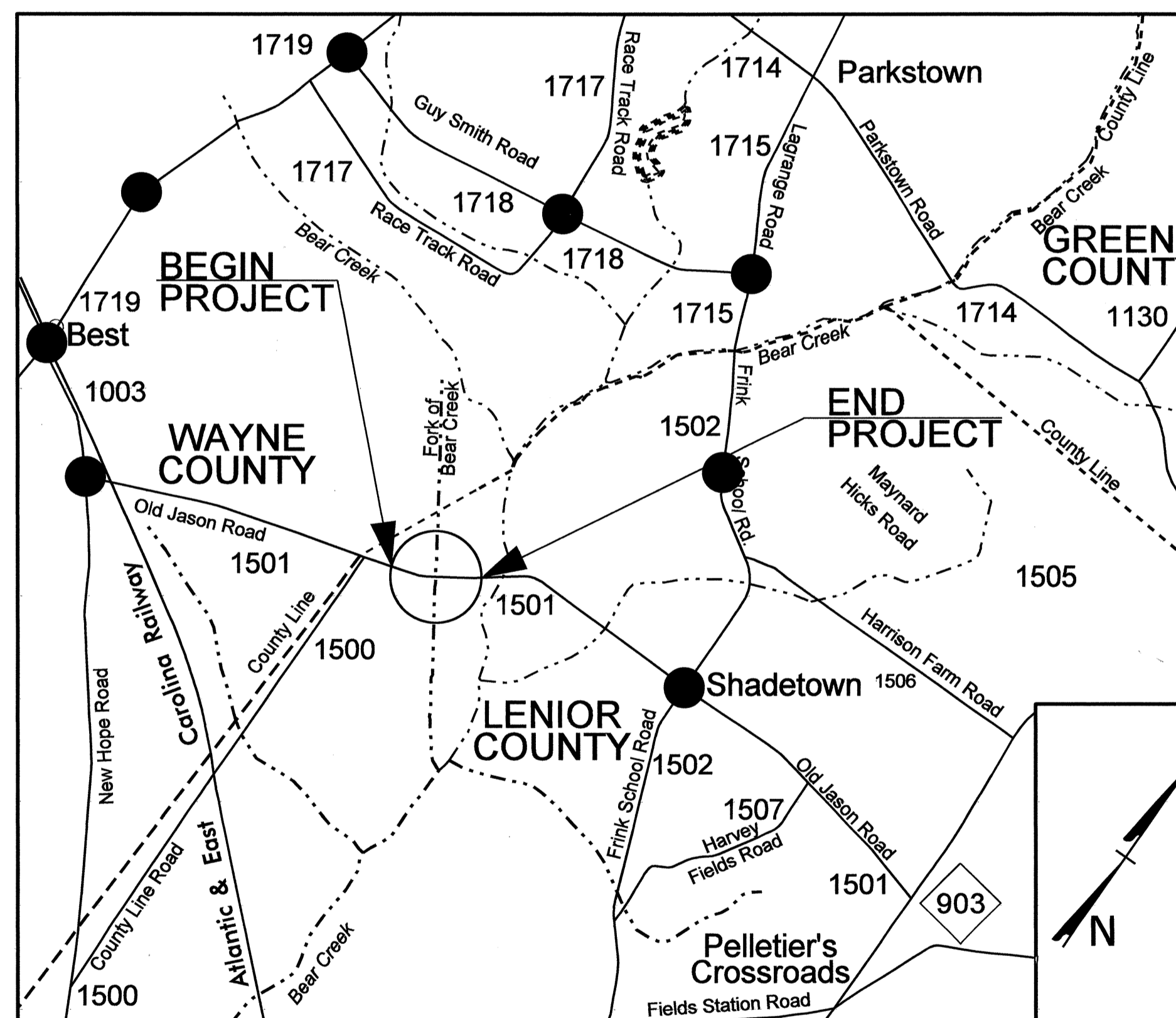


STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**TRANSPORTATION MANAGEMENT PLAN**

**LENOIR COUNTY**



**VICINITY MAP**  
●●●● DETOUR

**LOCATION:** BRIDGE NO. 69 OVER A  
FORK OF WEST BEAR  
CREEK ON SR 1501  
(OLD JASON ROAD)

**TYPE OF WORK:** GRADING, PAVING,  
DRAINAGE, AND  
STRUCTURE

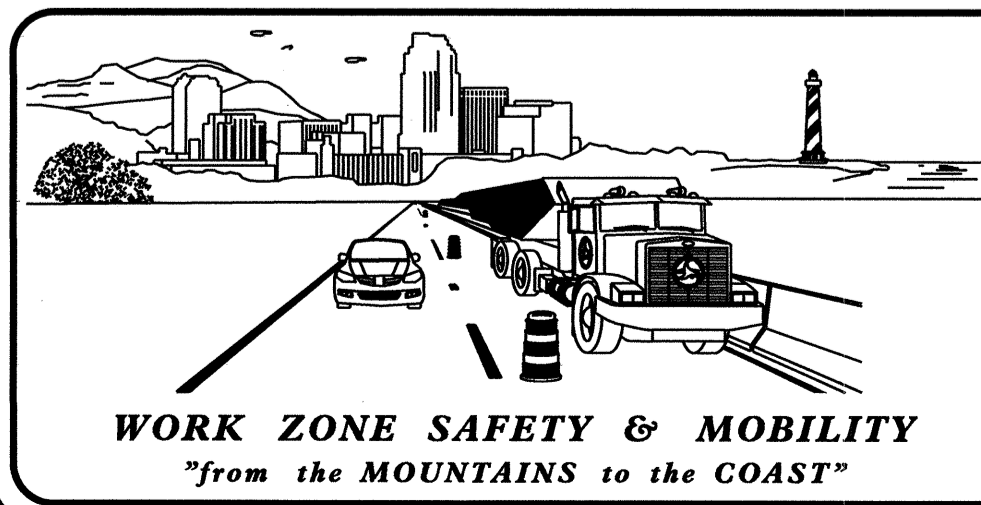
**INDEX OF SHEETS**

SHEET NO.	TITLE
TMP-1	TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS AND LEGEND
TMP-1B	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES, GENERAL NOTES, AND PHASING)
TMP-2	ROAD CLOSURE

SHEET NO.  
TMP-1  
**B-4567**

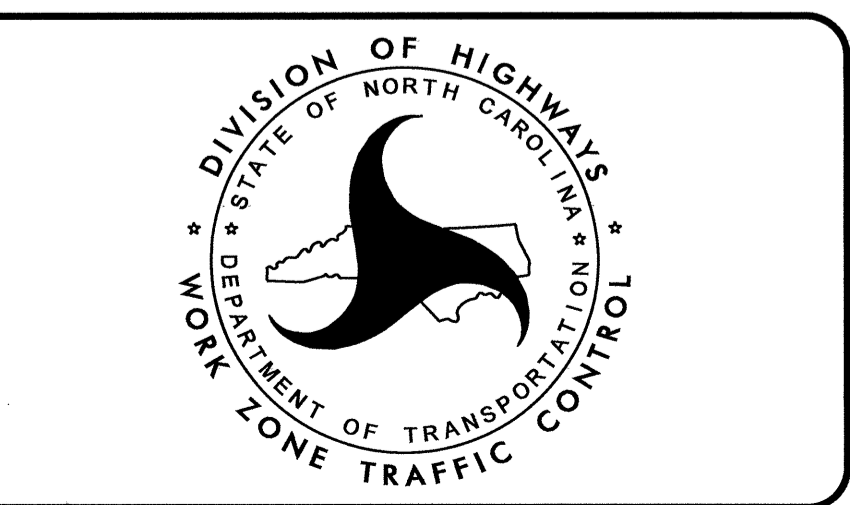
**TIP PROJECT:**

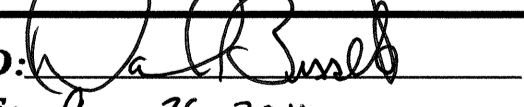
18-AUG-2011 11:53 AM C:\Users\p101\Documents\TrafficControl\TrafficControl\TCP\B-4567\_Tc.TCP-01.dgn

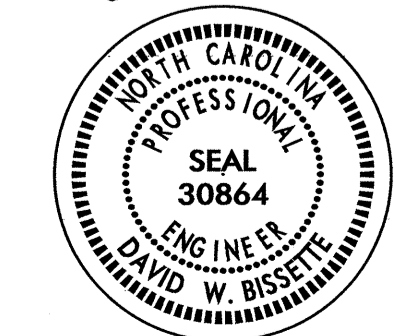


**N.C.D.O.T. WORK ZONE TRAFFIC CONTROL**  
1561 MAIL SERVICE CENTER (MSC) RALEIGH, NC 27699-1561  
750 N. GREENFIELD PARKWAY, GARNER, NC 27529 (DELIVERY)  
PHONE: (919) 773-2800 FAX: (919) 771-2745

J. S. BOURNE, P.E. STATE TRAFFIC MANAGEMENT ENGINEER  
J. S. KITE, P.E. TRAFFIC CONTROL PROJECT ENGINEER  
D. W. BISSETTE, P.E. TRAFFIC CONTROL PROJECT DESIGN ENGINEER  
M. T. CARLISLE, E.I. TRAFFIC CONTROL DESIGN ENGINEER



APPROVED:   
DATE: Aug 26, 2011

SEAL  







# ROADWAY STANDARD DRAWINGS


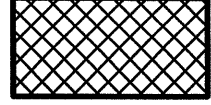


THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JULY 2006 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.03	TEMPORARY ROAD CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1145.01	BARRICADES










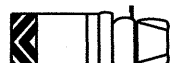

# LEGEND

## GENERAL




-  DIRECTION OF TRAFFIC FLOW
-  DIRECTION OF PEDESTRIAN TRAFFIC FLOW
-  EXIST. PVMT.
-  NORTH ARROW
-  PROPOSED PVMT.

-  WORK AREA
-  REMOVAL
-  USER DEFINED (IF NEEDED)
-  USER DEFINED (IF NEEDED)




## 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


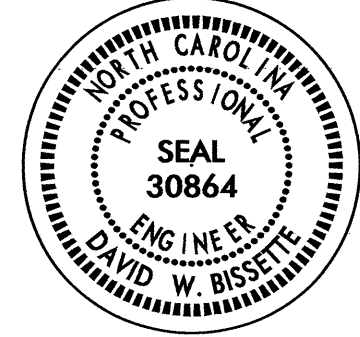
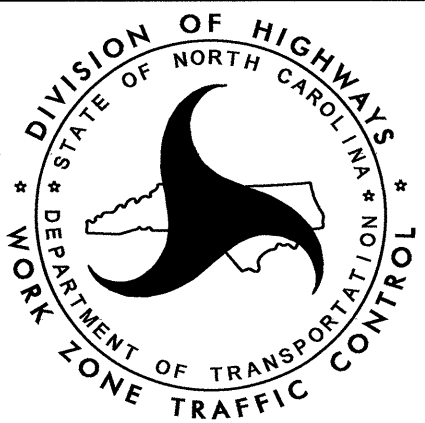
## PAVEMENT MARKERS

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

## PAVEMENT MARKING SYMBOLS

-  PAVEMENT MARKING SYMBOLS

18-AUG-2011 11:45 \\dot\dfs\dot\proj\TIP\Projects-B\B4567\TrafficControl\TCP\B-4567\_TC\_TCP\_01A.dgn mfc\rls

APPROVED:  DATE: <u>July 24, 2011</u>		
<h3>ROADWAY STANDARD DRAWINGS &amp; LEGEND</h3>		

## **MANAGEMENT STRATEGIES**

- CLOSE THE ROAD.
- DETOUR TRAFFIC OFF SITE.
- MAINTAIN LOCAL TRAFFIC.

## **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 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.

### PAVEMENT EDGE DROP OFF REQUIREMENTS

- A) 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.

### TRAFFIC PATTERN ALTERATIONS

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

### SIGNING

- C) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.
- D) STATE FORCES WILL BE RESPONSIBLE FOR PROVIDING SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE.
- E) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.
- F) STATE FORCES WILL COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.
- G) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

### PAVEMENT MARKINGS AND MARKERS

- H) STATE FORCES WILL INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE.


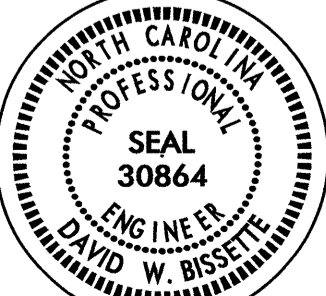
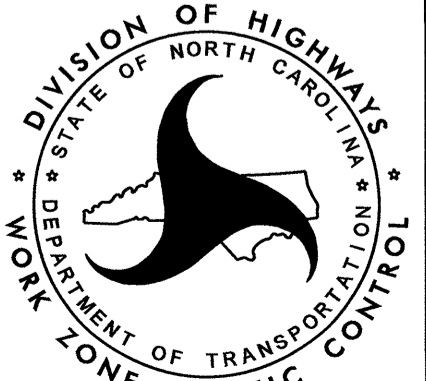
## **LOCAL NOTES**

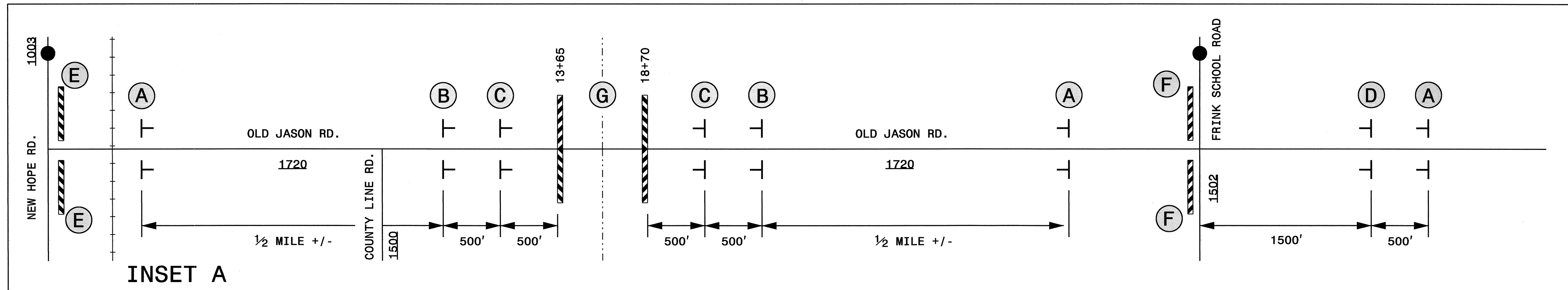
1. NOTIFY WAYNE AND LENIOR COUNTY EMERGENCY SERVICES AND PUBLIC SCHOOLS AT LEAST ONE MONTH PRIOR TO ROAD CLOSURE.
2. ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED BY THE ENGINEER.

## **PHASING**

- STEP 1 USING ROADWAY STANDARD DRAWING 1101.02 SHEET 1 OF 9 INSTALL THE PROPOSED 6" WATER LINE RIGHT OF -L- FROM STA 0+13+/- TO STA 8+58 AS SHOWN IN THE UTILITY CONSTRUCTION PLANS.
- STEP 2 ENSURE DETOUR SIGNING IS INSTALLED PRIOR TO ROAD CLOSURE. INSTALL SIGNS AND BARRICADES CLOSING SR 1720 (OLD JASON ROAD) TO THROUGH TRAFFIC AS SHOWN ON TMP-2 AND IN ACCORDANCE WITH ROADWAY STANDARD DRAWING 1101.03, SHEET 1 OF 9. (SEE LOCAL NOTES 1 AND 2)
- STEP 3 PERFORM THE FOLLOWING WITHIN THE ROAD CLOSURE:  
 -REMOVE THE EXISTING STRUCTURE  
 -CONSTRUCT THE PROPOSED STRUCTURE  
 -CONSTRUCT THE PROPOSED ROADWAY SECTION -L- UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE FROM STA 13+65 TO STA 22+00.
- STEP 4 PLACE THE FINAL LAYER OF SURFACE COURSE FROM STA 13+65 TO STA 22+00.
- STEP 5 REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES AND OPEN SR 1720 TO THROUGH TRAFFIC.

I:\OCT-2011\16140  
 \dot\offer\00\01\of\o\1\TPP\Projects-B\4567\TrafficControl\TCP\B-4567\_IC\_TCP\_0IB.dgn  
 AT TE223610L  
 dwbissette

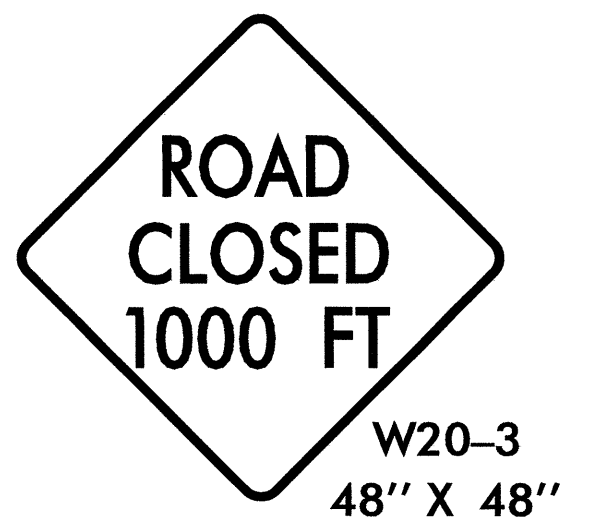
APPROVED:  DATE: 10-11-11 		<h1 style="margin: 0;">TRANSPORTATION OPERATIONS PLAN</h1>
---	---	--



INSET A



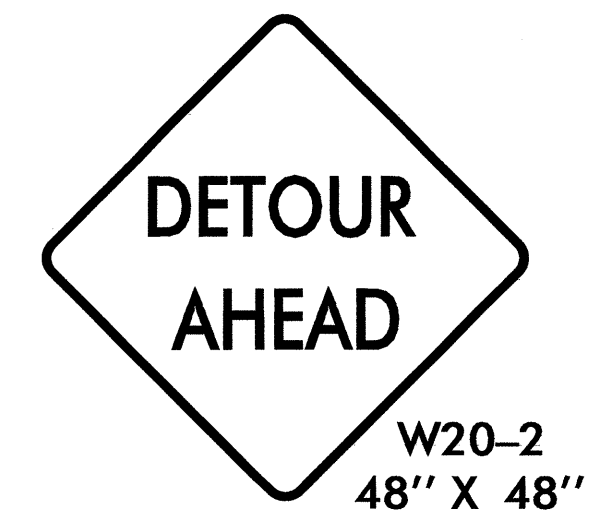
(6 EA)



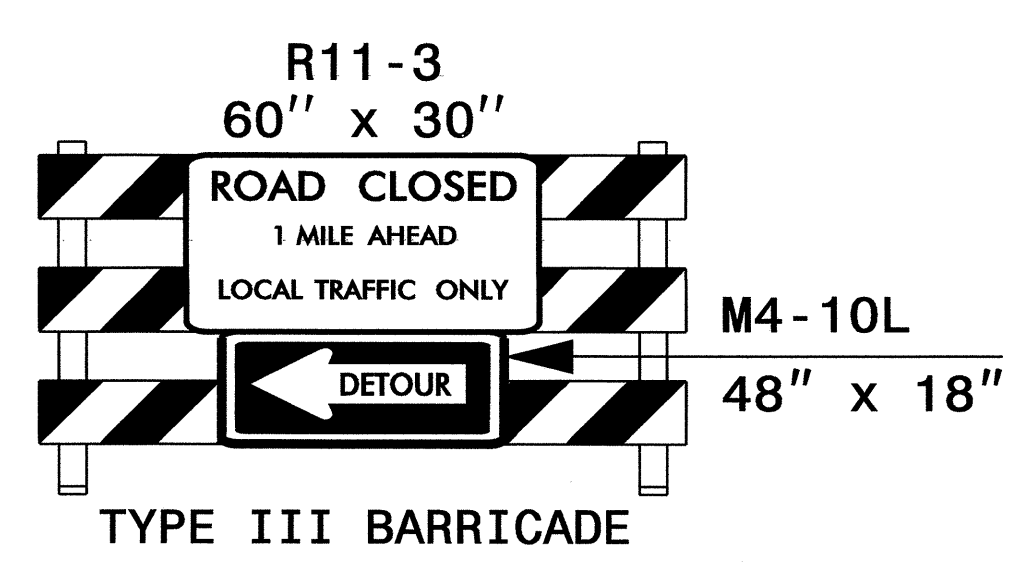
(4 EA)



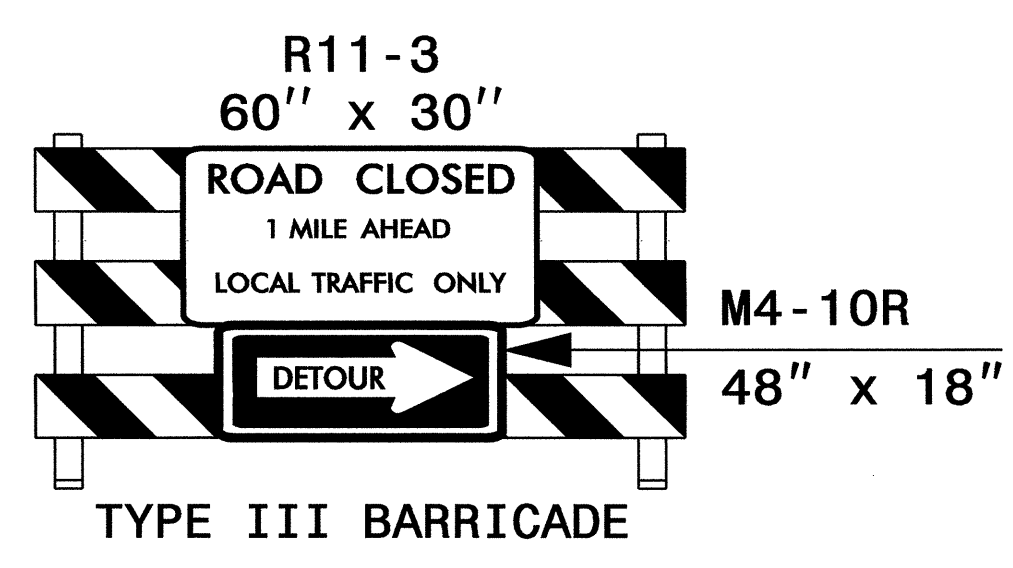
(4 EA)



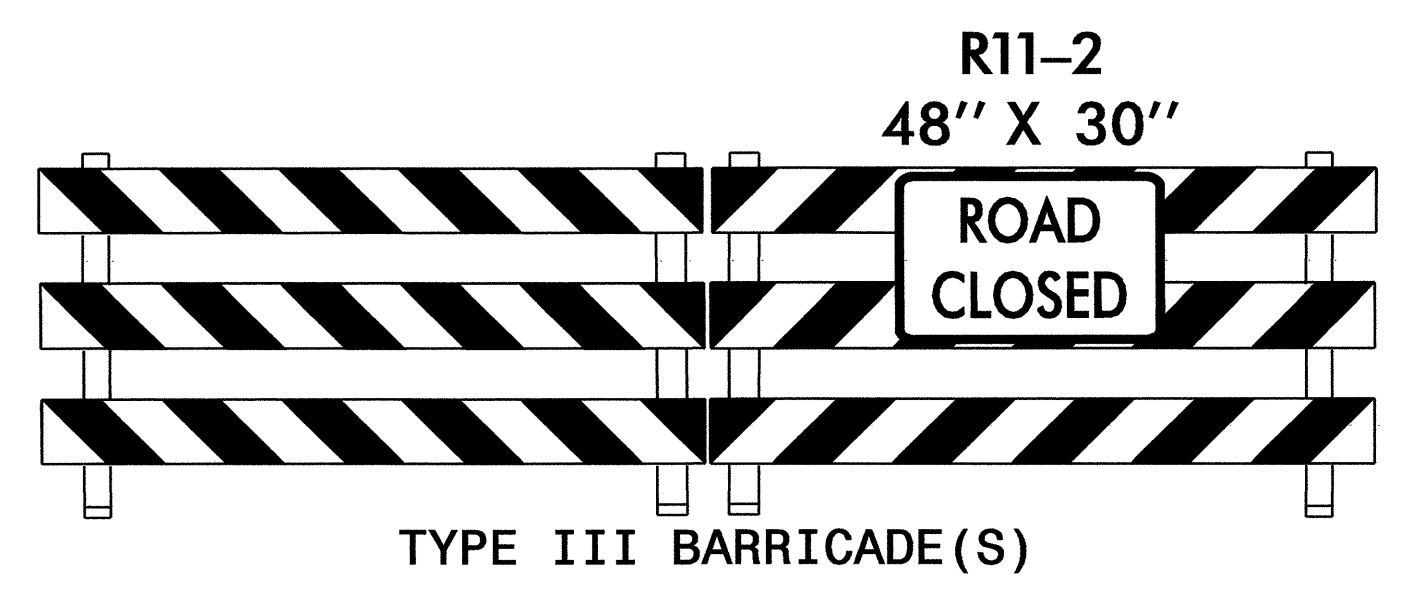
(2 EA)



(2 EA)



(2 EA)



(2 SETS\*)

18-AUG-2011 11:47  
 \\dot\dfsroot\01\proj\TIP\Projects-B\B4567\TrafficControl\TCP\B-4567-TC-TCP\_02.dgn  
 mtcorslie AT TE244742

APPROVED: DATE: 07/26/2011

ROAD CLOSURE