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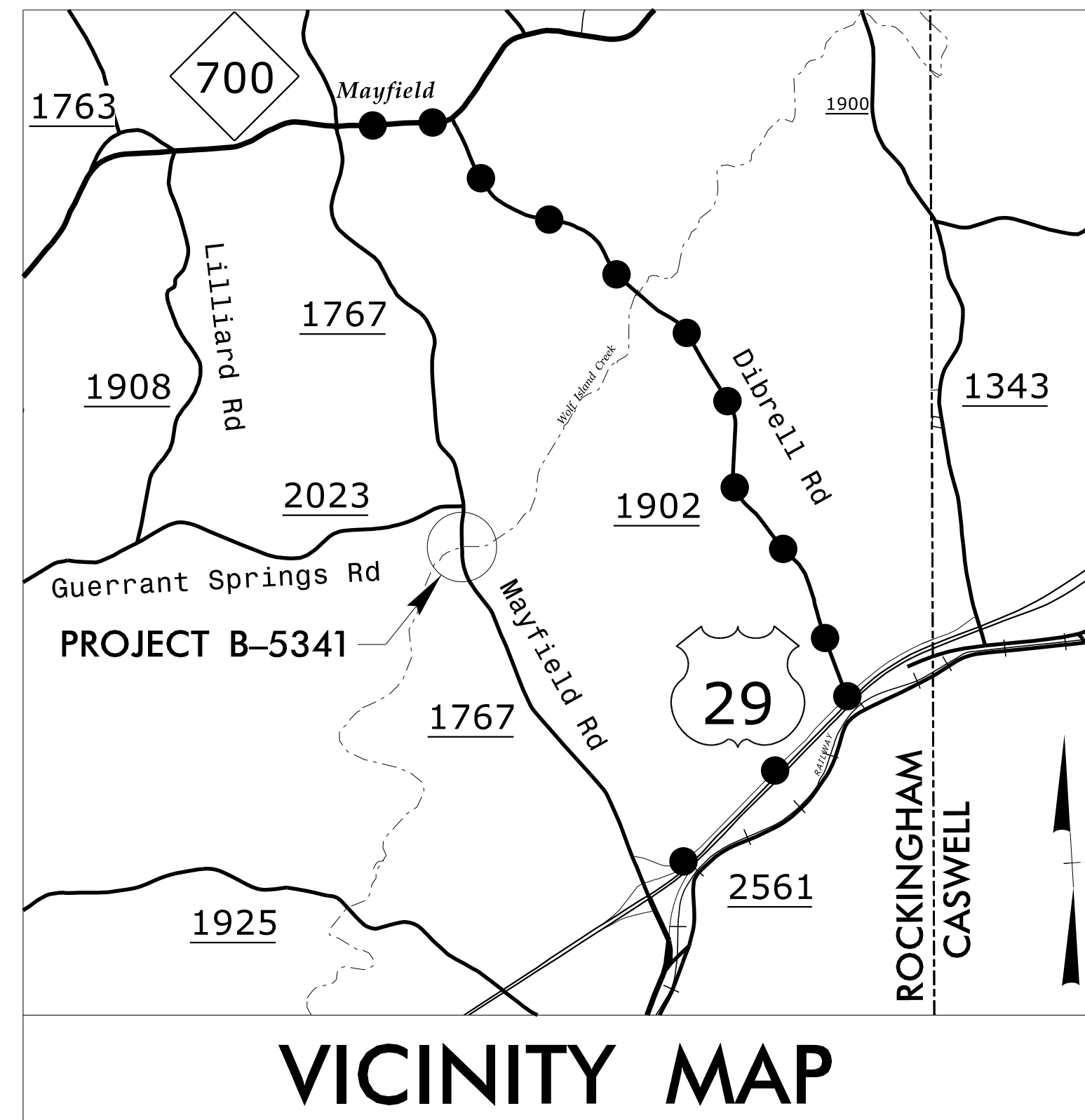
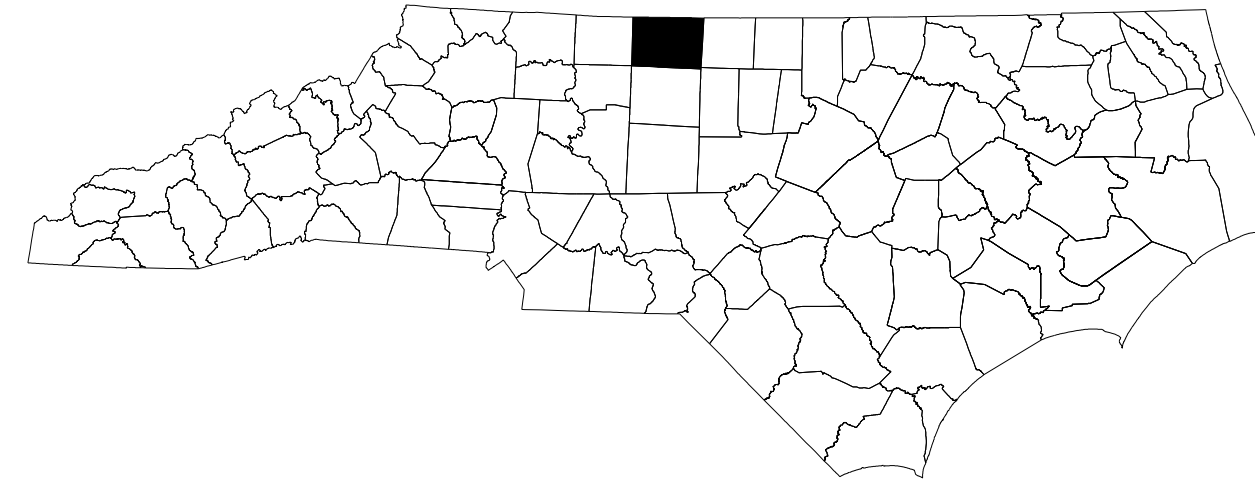
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STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**TRANSPORTATION MANAGEMENT PLAN**

**ROCKINGHAM COUNTY**



● — ● — ● — DETOUR ROUTE

**LOCATION: BRIDGE NO. 110 OVER WOLF ISLAND CREEK  
ON SR 1767 (MAYFIELD ROAD)**

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

**INDEX OF SHEETS**

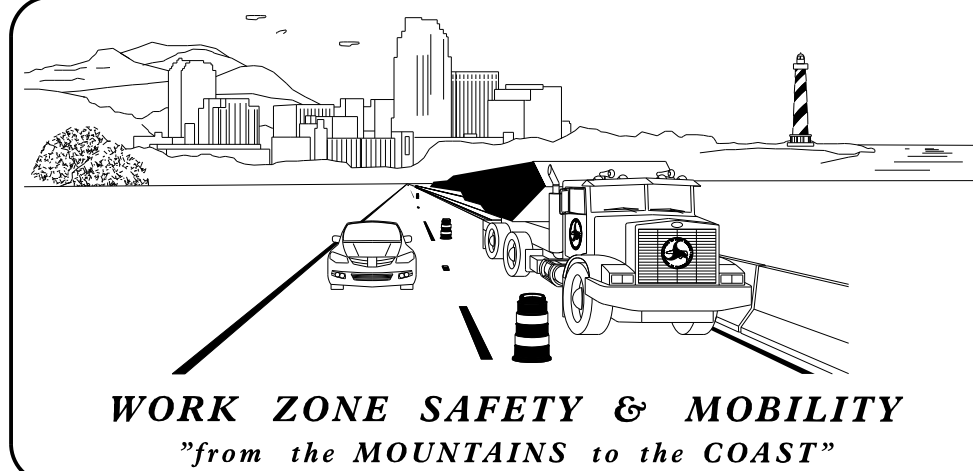
SHEET NO.	TITLE
TMP-01	TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS
TMP-01A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS AND LEGEND
TMP-01B	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES, GENERAL NOTES, LOCAL NOTES, AND TEMPORARY TRAFFIC CONTROL PHASING)
TMP-02	SPECIAL SIGN DESIGN
TMP-03	OFF-SITE DETOUR DESIGN

SHEET NO.  
TMP-01

**B-5341**

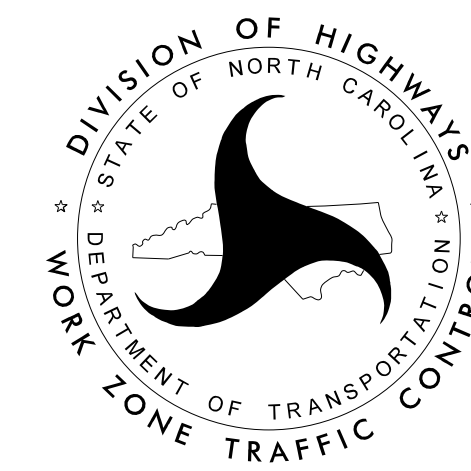
**TIP PROJECT:**

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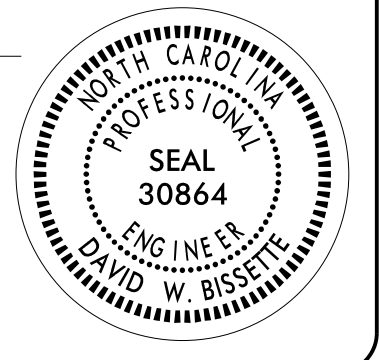
**N.C.D.O.T. WORK ZONE TRAFFIC CONTROL**  
1561 MAIL SERVICE CENTER (MSC) RALEIGH, NC 27699-1561  
750 N. GREENFIELD PARKWAY, GARNER, NC 27529 (DELIVERY)  
PHONE: (919) 773-2800 FAX: (919) 771-2745

J. S. BOURNE, P.E. — STATE TRAFFIC MANAGEMENT ENGINEER  
D. W. BISSETTE, P.E. — TRAFFIC CONTROL PROJECT ENGINEER  
MIKE STEELMAN — TRAFFIC CONTROL PROJECT DESIGN ENGINEER  
D. A. HAYES, E.I. — TRAFFIC CONTROL DESIGN ENGINEER



APPROVED: *David Bissette*  
DATE: 10/5/2015

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 JANUARY 2012 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.
- TEMP. SHORING (LOCATION PURPOSES ONLY)

WORK AREA

REMOVAL

USER DEFINED (IF NEEDED)

USER DEFINED (IF NEEDED)

## SIGNALS

- EXISTING
- PROPOSED
- TEMPORARY

## PAVEMENT MARKINGS

- EXISTING LINES
- TEMPORARY LINES

## TRAFFIC CONTROL DEVICES

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

## TEMPORARY SIGNING

- PORTABLE SIGN
- STATIONARY SIGN
- STATIONARY OR PORTABLE SIGN

## PAVEMENT MARKERS

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

## PAVEMENT MARKING SYMBOLS

- PAVEMENT MARKING SYMBOLS

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APPROVED: <i>David Bisette</i> <small>ECCD908C075MBC...</small> DATE: 10/5/2015 SEAL		
<b>ROADWAY STANDARD DRAWINGS &amp; LEGEND</b>		



### MANAGEMENT STRATEGIES

DURING CONSTRUCTION OF PROPOSED STRUCTURE BRIDGE #110, SR 1767 (MAYFIELD RD) WILL BE CLOSED AND TRAFFIC WILL BE MAINTAINED VIA AN OFF-SITE DETOUR.

### 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.

#### SIGNING

- A) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.

PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLANS.

- B) 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.

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

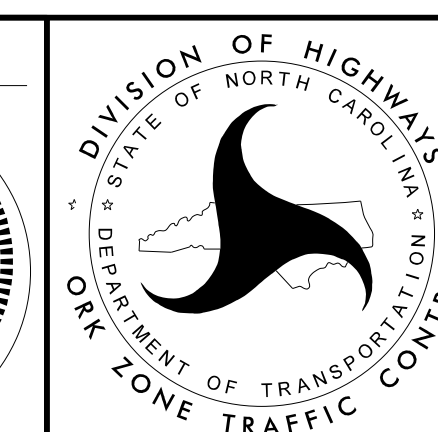
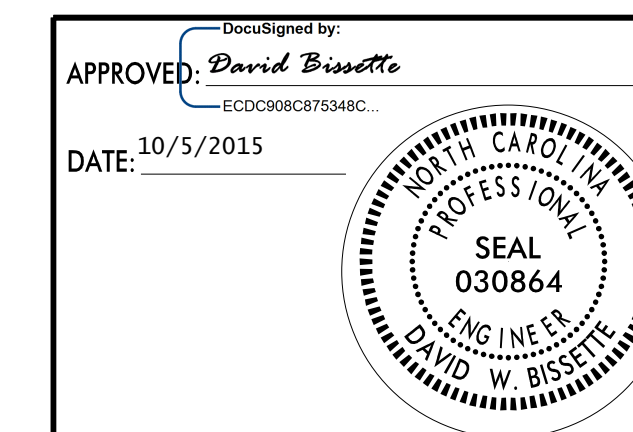
### LOCAL NOTES

- LN 1) NOTIFY THE ENGINEER A MINIMUM OF ONE (1) MONTH PRIOR TO ANY TRAFFIC PATTERN ALTERATION.
- LN 2) ROCKINGHAM COUNTY SCHOOLS WILL BE CONTACTED AT LEAST ONE (1) MONTH PRIOR TO ROAD CLOSURE TO ADEQUATELY REROUTE SCHOOL BUSES.
- LN 3) ROCKINGHAM COUNTY EMERGENCY SERVICES WILL BE CONTACTED AT LEAST ONE (1) MONTH PRIOR TO ROAD CLOSURE TO MAKE THE NECESSARY TEMPORARY REASSIGNMENTS TO PRIMARY RESPONSE UNITS.

### PHASING

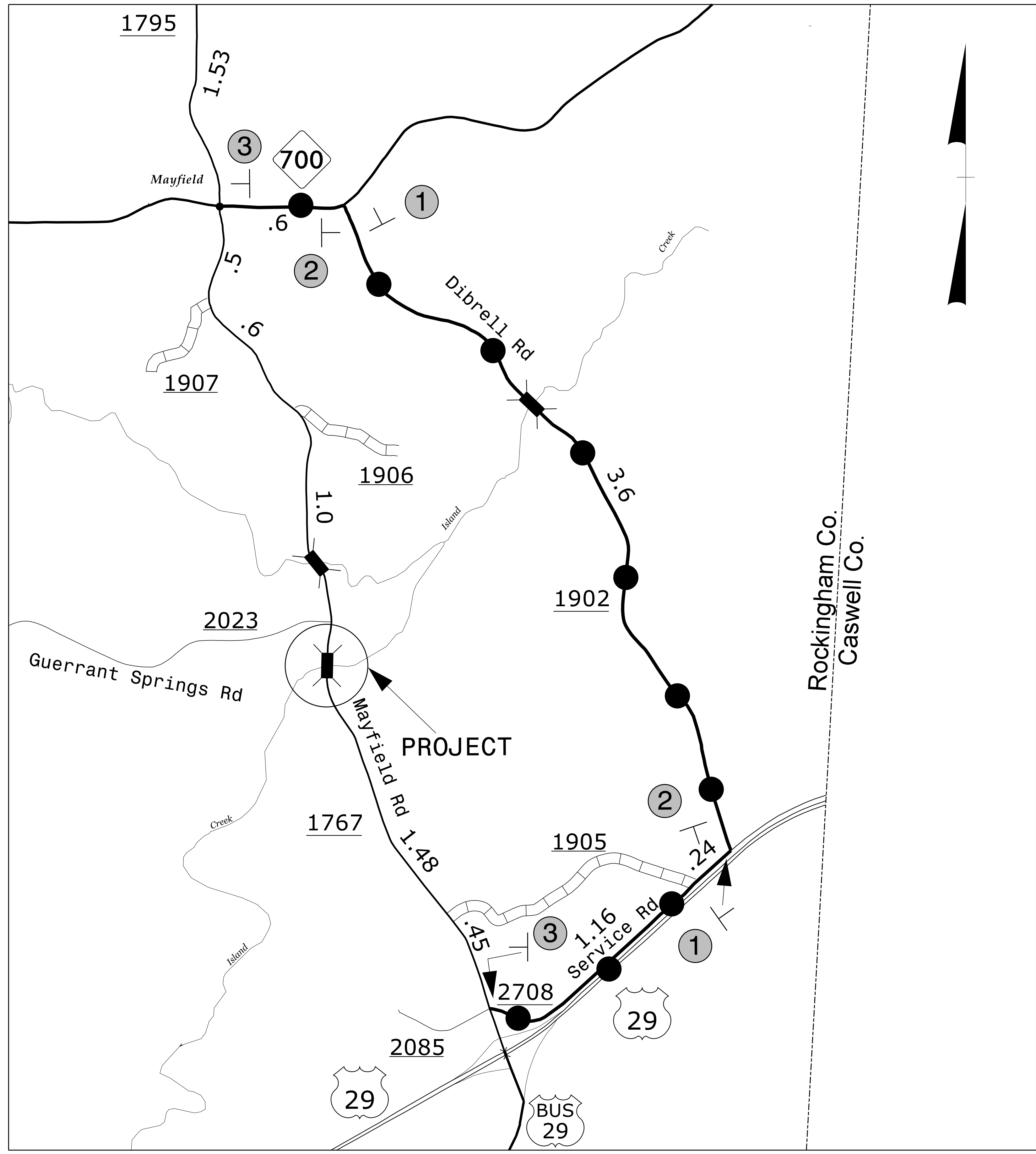
- STEP 1) USING ROADWAY STANDARD DRAWING 1101.03, SHEET 1 OF 9, TMP-02, AND TMP-03 CLOSE SR 1767 (MAYFIELD RD) AND DETOUR TRAFFIC OFF-SITE. MAINTAIN ACCESS TO ALL DRIVEWAYS BETWEEN CLOSURE POINTS.
- STEP 2) REMOVE THE EXISTING STRUCTURE.
- STEP 3) CONSTRUCT THE PROPOSED STRUCTURE AND ROADWAY -L- UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE.
- STEP 4) PLACE THE FINAL LAYER OF SURFACE COURSE.
- STEP 5) PLACE THE FINAL PAVEMENT MARKINGS AND MARKERS (SEE FINAL PAVEMENT MARKING PLAN).
- STEP 6) REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES AND OPEN SR 1767 (MAYFIELD RD) TO TRAFFIC.

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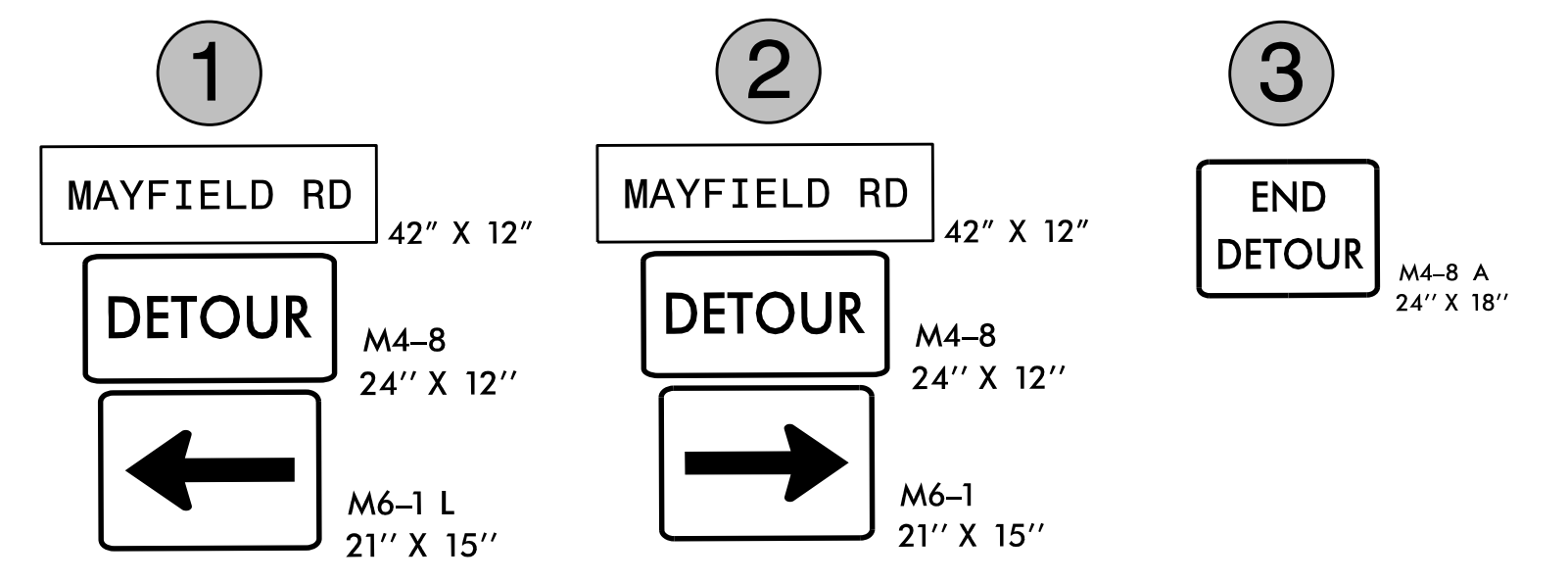


TRANSPORTATION  
OPERATION PLAN





NOTES:  
 1. SEE SHEET TMP-02 FOR THE SPECIAL SIGN DESIGN.  
 2. ALL DETOUR SIGN LOCATIONS ARE APPROXIMATE.  
 3. REFER TO ROADWAY STANDARD DRAWING 1101.03, SHEET 1 OF 9 FOR ALL ROAD CLOSURE INFORMATION.



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APPROVED: <i>David Bisette</i> DATE: 10/5/2015 		OFFSITE DETOUR ROUTE
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