



**LCDOT**

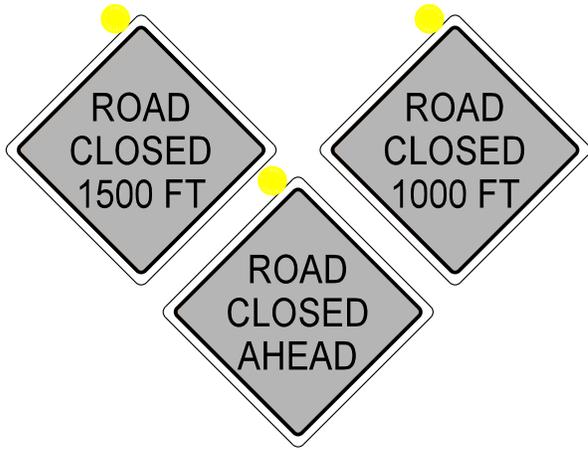
**DETOUR PROCEDURES**

**and GUIDELINES**



LCDOT Traffic Department  
(847) 377-7400

Rev 3/10/2020



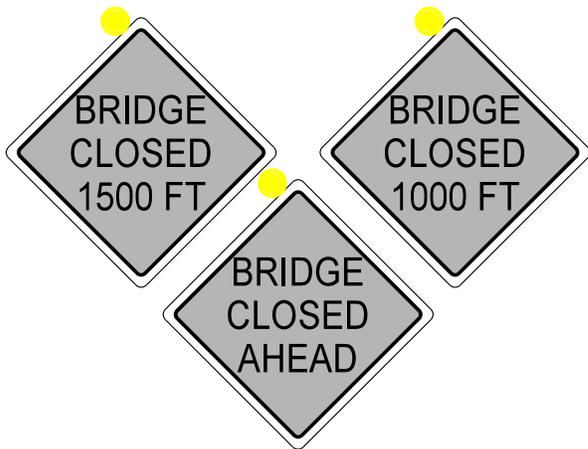
### ADVANCE ROAD CLOSED SIGNS (W20-3)

These signs shall be a 48" x 48" Black Legend on Fluorscent Orange Sheeting. These signs will have a Type A Amber Flashing Light attached. The **ROAD CLOSED AHEAD**, **ROAD CLOSED 1500 FT** and **ROAD CLOSED 1000 FT** signs are to be used in advance of the barricaded worksite. The **ROAD CLOSED AHEAD 1000 FT** sign is to be used in conjunction with the advance detour signs on the main detour route. The **ROAD CLOSED AHEAD** sign is used when the distance from the barricaded worksite to the point of closure to thru traffic is greater than one (1) mile. The **ROAD CLOSED AHEAD** sign will have a Type A Amber Flashing Light attached.



### ADVANCE DETOUR SIGN (W20-2)

The sign shall be a 48" x 48" Black Legend on Fluorscent Orange Sheeting. These signs will have a Type A Amber Flashing Light attached. The **DETOUR AHEAD** signs are used on the road that is to be detoured in conjunction with the detour assembly signs, **ROAD CLOSED 1000 FT** sign and the detour route sign. Also, the **DETOUR 500 FT** sign is installed on roads approaching the detour route together with the detour route sign and the detour assembly signs to alert motorists of the detour route.



### ADVANCE BRIDGE CLOSED SIGNS (W20-3)

The sign shall be a 48" x 48" Black Legend on Fluorscent Orange Sheeting. These signs will have a Type A Amber Flashing Light attached. These signs are to be used in the same way as the **ROAD CLOSED** signs, when a bridge or culvert is being repaired.



### ADVANCE BARRICADE SIGN (W21-I100)

The sign shall be a 48" x 48" Black Legend on Fluorscent Orange Sheeting. These signs will have a Type A Amber Flashing Light attached. This sign is used 500 feet in advance of the barricaded worksite.



#### ROAD CLOSED SIGN (R11-2)

The sign shall be a 48" x 30" Black Legend on High Intensity White Sheeting. This sign shall be mounted on the Type III Barricades at the worksite. This sign shall be mounted above the top rail of the Type III Barricade.



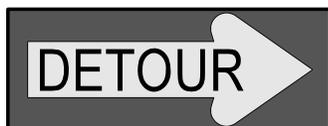
#### ROAD CLOSED TO THRU TRAFFIC SIGN (R11-4)

The sign shall be a 60" x 30" Black Legend on High Intensity White Sheeting. This sign shall be mounted on the Type III Barricades at the worksite, when called for by the ENGINEER. This sign shall be mounted above the top rail of the Type III Barricade.



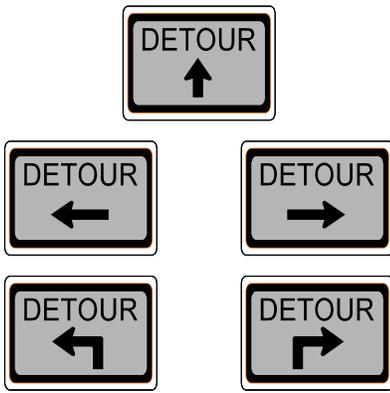
#### ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY SIGN (R11-3)

The sign shall be a 60" x Variable Black Legend on High Intensity White Sheeting. These signs are to be installed on the Type III Barricades at the start of the detour. The sign shall have the approximate milage to the worksite. The legend "**BRIDGE CLOSED**", is to be substituted for "**ROAD CLOSED**" for all bridge and culvert repairs. The legend "**ROAD CLOSED AT RAILROAD**" will be used in lieu of "**ROAD CLOSED**" for all railroad crossing repairs. This sign shall be mounted above the top rail of the Type III Barricade.



#### DETOUR ARROW SIGN (M4-10)

The sign shall be a 48" x 18" Black Legend on Fluorscent Orange Arrow, on Black Sheeting. This sign is to be installed on the Type III Barricades at the start of the detour.



### DETOUR ASSEMBLY SIGNS (M4-9 SERIES)

These signs shall be a 30" x 21" Black Legend on Fluorscent Orange Sheeting. The m4-9 series will be combined with **ROAD NAME** sign and the **CARDINAL DIRECTION MARKER** sign to create the Assembly. These Assemblies are of three (3) types, Advance, Intersection and Confirmatory. The Advance Assembly will have a 90 degree arrow and will be installed 300 feet from the intersection. The Intersection Assembly will have a horizontal arrow and will be installed at the intersection. The Confirmatory Assembly will have a vertical arrow and will be installed 500 feet after the intersection. The M4-9 detour and arrow sign shall be the bottom sign of the detour assembly signs.



### END DETOUR SIGN (M4-8a)

The sign shall be a 24" x 18" Black Legend on Fluorscent Orange Sheeting. This sign is used to inform the motorist of the end of the detour.



### ROAD NAME PLATE (SPECIAL)

The sign shall be a 9" x variable Black Legend on Fluorscent Orange Sheeting. The sign shall use design series C letters. The capital letters shall be 6 inches with 5 inch lower case letters. The **ROAD NAME PLATE** shall have a standard black border. the **ROAD NAME SIGN** shall be mounted as the second sign in all detour assembly signs (M4-9). This sign shall also be mounted as the second sign on all **DETOUR (W20-2)** signs and **ROAD CLOSED 1000 FT (W-20-3)** signs, unless directed otherwise by the ENGINEER.



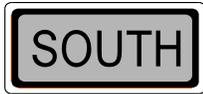
### DETOUR ROUTE SIGN (SPECIAL)

The sign shall be a 60" x 30" Black Legend on Fluorscent Orange Sheeting. This sign is posted on roads or streets that intersect the detour route. It is to be used in conjunction with the **DETOUR 500 FT (W20-2)** sign and it is posted 1000 feet in advance of the intersection. When this sign is used on the main detour route, it will be posted 1500 feet in advance of the detour and is used in conjunction with the **ROAD CLOSED 1000 FT (W20-3)** and **DETOUR 500 FT (W20-2)** signs.



### **DETOUR INFORMATION SIGN (SPECIAL)**

The sign shall be a 48" x 36" Black Legend on Fluorscent Orange Sheeting. The Information sign shall be installed 7-10 days in advance of the planned closure date and shall be removed the day of the detour.



### **CARDINAL DIRECTION MARKERS (M3 SERIES)**

These signs shall be a 24" x 12" Black Legend on Fluorscent Orange Sheeting. These signs are mounted on the top of all the detour assembly signs (M4-9). Either North and South or East and West combinations will be used for the detour.

# DETOUR SIGNING AT POINT OF CLOSURE TO THRU TRAFFIC

ROAD CLOSED  
XX MILE AHEAD  
LOCAL TRAFFIC ONLY

DETOUR

ROAD CLOSED  
TO THRU  
TRAFFIC

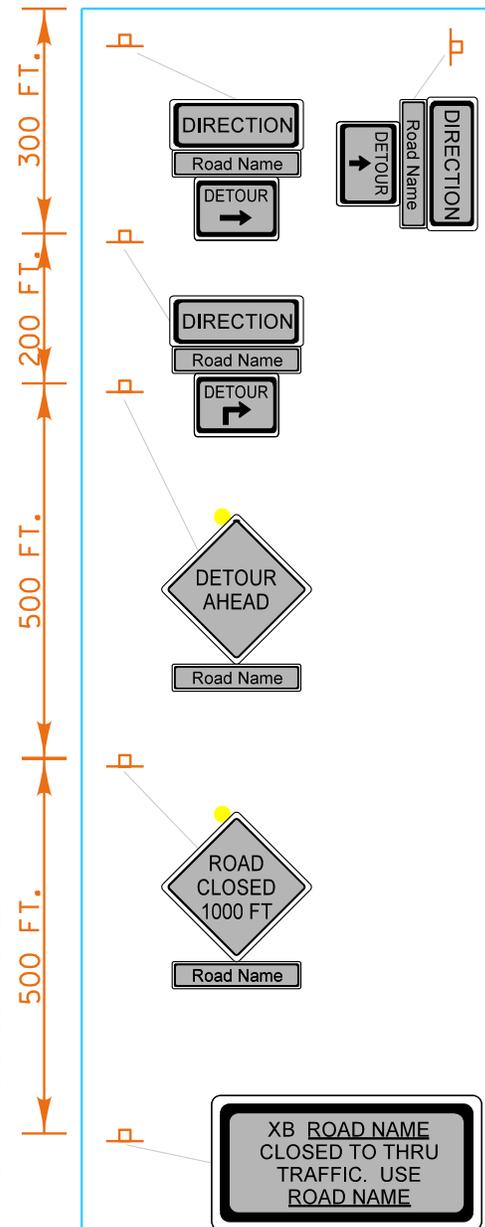
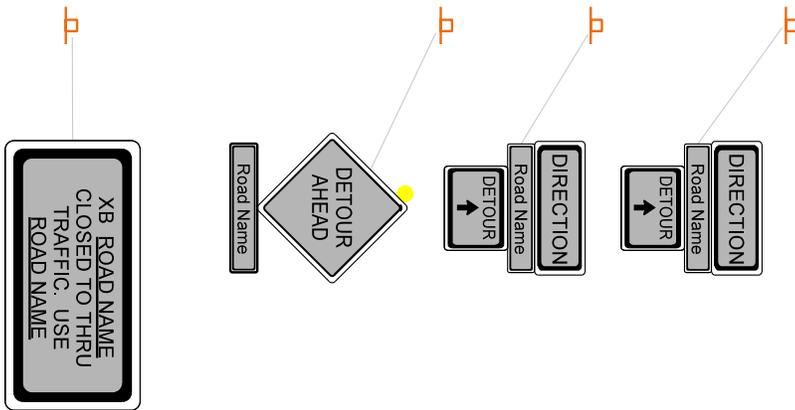
END  
DETOUR

## ROAD APPROACHING DETOUR ROUTE

## DETOUR ROUTE

500 FT. 200 FT. 300 FT.

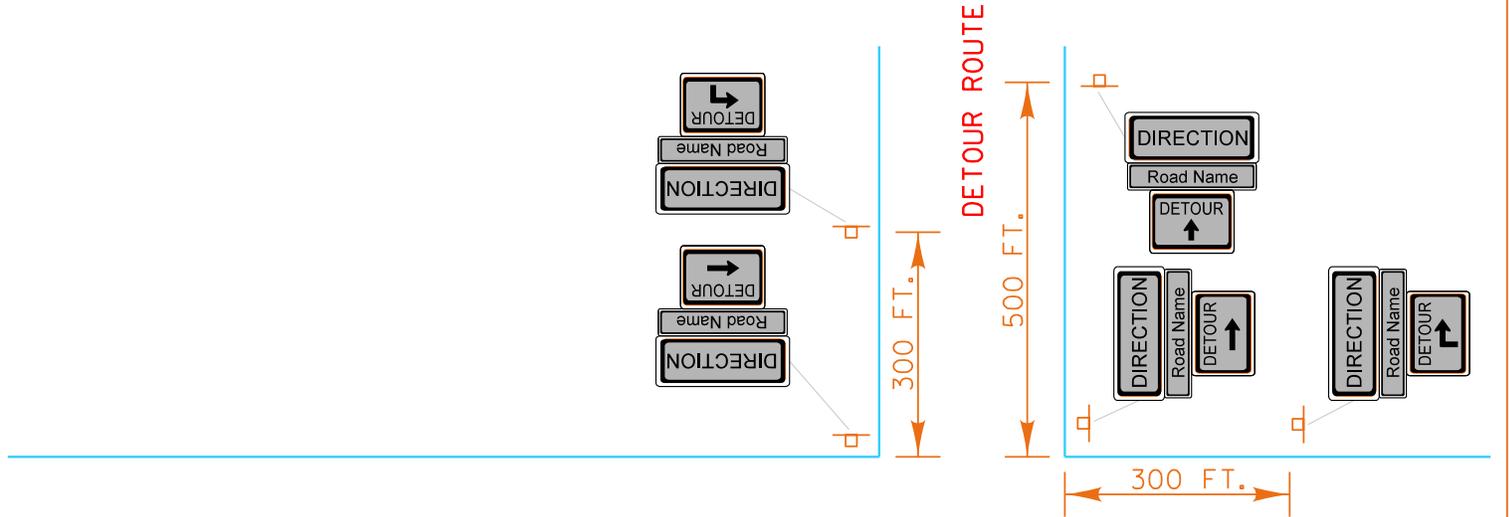
500 FT.



ROAD TO BE DETOURED

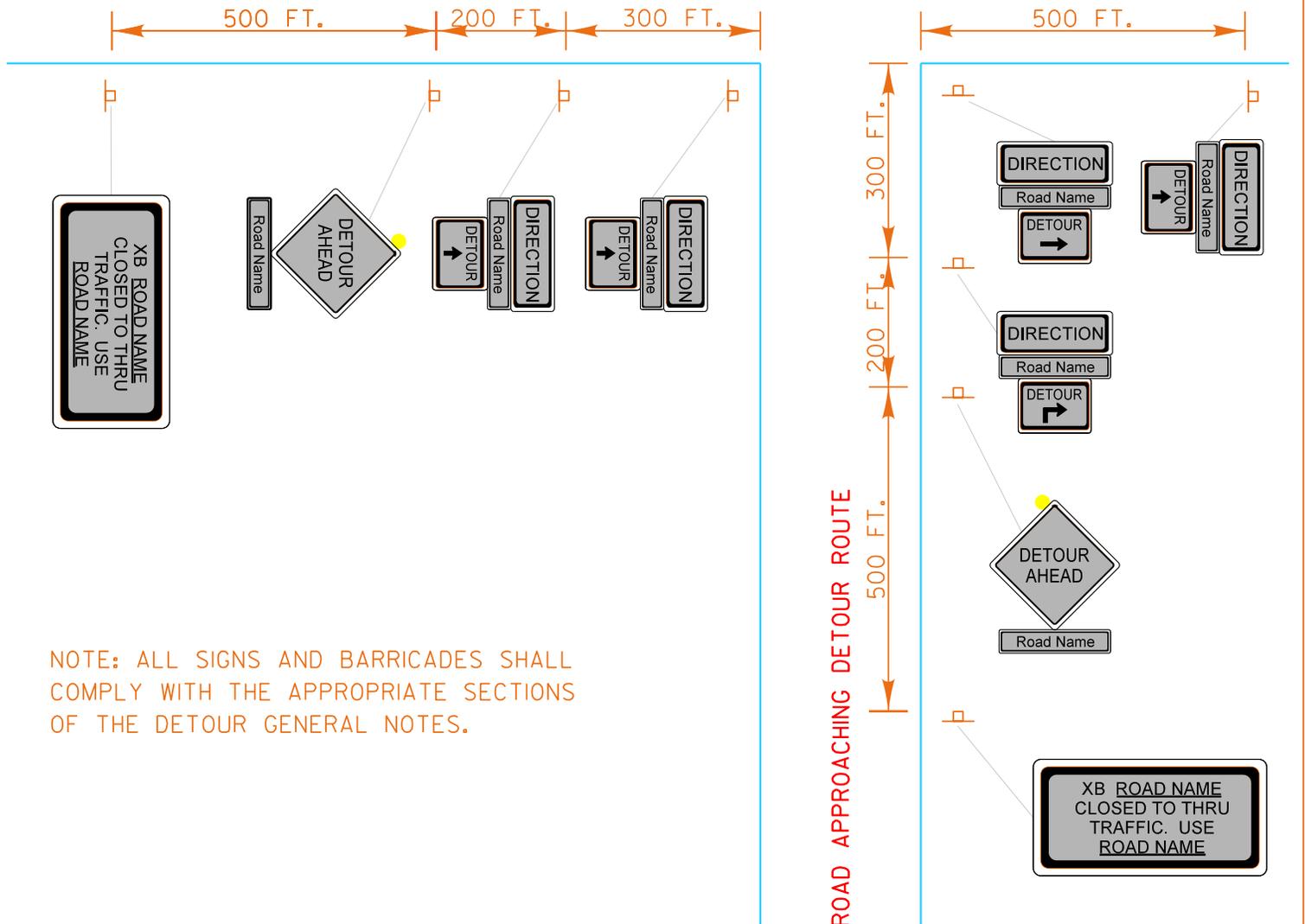
NOTE: ALL SIGNS AND BARRICADES SHALL COMPLY WITH THE APPROPRIATE SECTIONS OF THE DETOUR GENERAL NOTES.

# DETOUR SIGNING AT INTERSECTIONS ON THE DETOUR ROUTE



ROAD APPROACHING DETOUR ROUTE

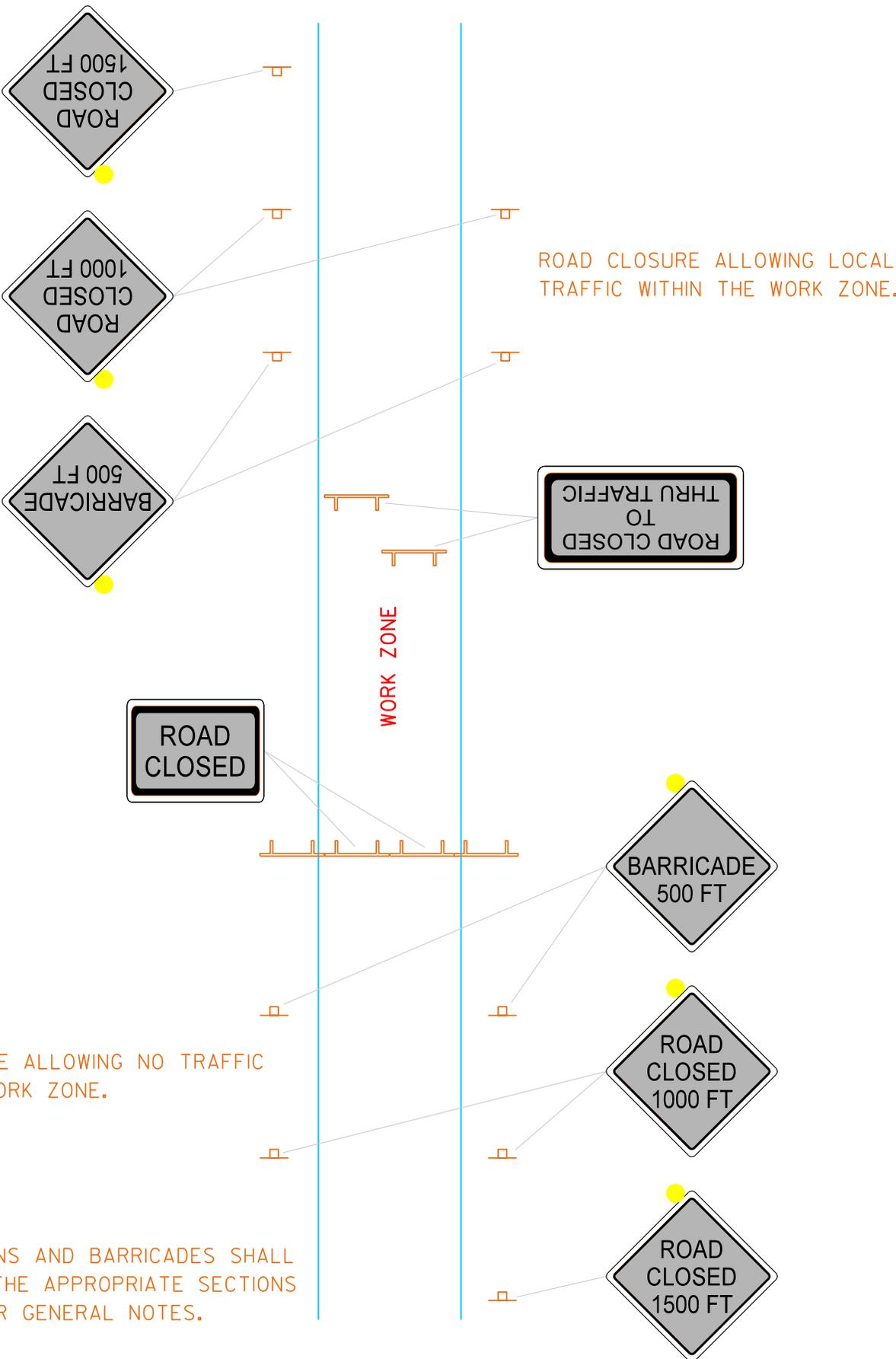
DETOUR ROUTE



NOTE: ALL SIGNS AND BARRICADES SHALL COMPLY WITH THE APPROPRIATE SECTIONS OF THE DETOUR GENERAL NOTES.

ROAD APPROACHING DETOUR ROUTE

# DETOUR SIGNING APPROACHING WORK ZONE



ROAD CLOSURE ALLOWING LOCAL TRAFFIC WITHIN THE WORK ZONE.

ROAD CLOSURE ALLOWING NO TRAFFIC WITHIN THE WORK ZONE.

NOTE: ALL SIGNS AND BARRICADES SHALL COMPLY WITH THE APPROPRIATE SECTIONS OF THE DETOUR GENERAL NOTES.

## **DETOUR GENERAL NOTES**

(Rev 10/11/19)

1. ALL SIGNING SHALL BE ACCORDING TO THE APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JAN. 1, 2016", " THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES ADOPTED 2010", THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", THE CONTRACT SPECIAL PROVISIONS – ARTICLE 108.03 PROSECUTION OF THE WORK & TRAFFIC CONTROL AND PROTECTION, (SPECIAL) (L.C.-T - SECTION 700) AND THE LCDOT DETOUR PROCEDURES AND GUIDELINES.
2. THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT. THE ENGINEER SHALL DETERMINE THE HOUR OF CLOSURE. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
3. IF DEEMED NECESSARY BY THE ENGINEER A PRE-CONSTRUCTION MEETING WITH THE CONTRACTOR SHALL BE HELD AT LEAST TWO WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT.
4. THE CONTRACTOR SHALL SUPPLY TO THE ENGINEER THE NAMES AND TELEPHONE NUMBERS OF HIS REPRESENTATIVES ON THE CONSTRUCTION SITE AND HIS REPRESENTATIVE RESPONSIBLE FOR THE DETOUR SIGNING PRIOR TO THE START OF THE WORK. THE LAKE COUNTY DIVISION OF TRANSPORTATION REPRESENTATIVE FOR THIS DETOUR IS:

TOM BENNECKE  
LAKE COUNTY DIVISION OF TRANSPORTATION  
TRAFFIC DEPARTMENT  
600 W. WINCHESTER ROAD  
LIBERTYVILLE, ILLINOIS 60048  
(847) 377-7000

5. IF REQUESTED BY THE CONTRACTOR IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT THE ENGINEER WILL FIELD LOCATE THE POSITIONS OF ANY SIGNS.
6. LONGITUDINAL DIMENSIONS SHOWN ON THESE PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS, WITH THE APPROVAL OF THE ENGINEER.
7. THE ROAD SHALL NOT BE CLOSED UNTIL ALL SIGNING IS ERECTED ACCORDING TO THE DETOUR PLAN AND INSPECTED & APPROVED BY THE ENGINEER.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS, AND OTHER DEVICES INSTALLED BY HIM/HER ARE IN PLACE AND OPERATING 24 HOURS EACH DAY INCLUDING SUNDAYS AND HOLIDAYS DURING THE TIME THE DETOUR IS IN EFFECT.

9. THE TRAFFIC CONTROL SHOWN ON THE DETOUR PLAN IS THE MINIMUM NECESSARY TO ENSURE THIS ROAD CLOSURE. THE CONTRACTOR SHALL MAKE ALL CHANGES IN TRAFFIC CONTROL, INCLUDING ALL ADDITIONAL SIGNAGE AND/OR DEVICES, THAT ARE DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION".
10. ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE DETOUR IS IN EFFECT SHALL BE COMPLETELY COVERED BY THE CONTRACTOR, IN A MANNER APPROVED BY THE ENGINEER.
11. ALL DETOUR SIGNING SHALL BE POST MOUNTED IF THE ROAD CLOSURE IS TO EXCEED FOUR CALENDAR DAYS.
12. ALL DETOUR SIGNING EXCEPT REGULATORY SIGNS SHALL HAVE BLACK LEGENDS ON FLUORESCENT ORANGE SHEETING AND STANDARD BLACK BORDERS. THE FLUORESCENT ORANGE REFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF SECTION 1091 OF THE STANDARD SPECIFICATIONS. ALL DETOUR SIGNING SHALL BE NEW OR LIKE NEW CONDITION. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE CONDITION OF THE SIGNS.
13. THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE AS REQUIRED BY THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
14. AS A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THIS DETOUR SHALL MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS IN ARTICLE 1106.02 OF THE STANDARD SPECIFICATIONS. ALL LIGHTS SHALL OPERATE DURING THE HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE USED.
15. WHEN REQUIRED THE MINIMUM DIMENSIONS OF THE ORANGE WARNING FLAGS SHOWN IN THESE PLANS ARE 18" X 18".
16. ALL BARRICADES SHALL HAVE REFLECTORIZED STRIPING ON BOTH SIDES OF THE BARRICADES. THE TYPE III BARRICADES USED AT THE POINT OF CLOSURE TO THRU TRAFFIC SHALL NOT EXCEED EIGHT FEET IN WIDTH EACH, FOR A SINGLE APPROACH LANE.
17. THE "ROAD CLOSED" (R11-2), THE "ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY" (R11-3) AND THE "ROAD CLOSED TO THRU TRAFFIC" (R11-4) SIGNS SHALL BE MOUNTED ABOVE THE TOP OF THE BARRICADE. ALL TYPE III BARRICADES SHALL HAVE TWO AMBER TYPE A-LOW INTENSITY FLASHING LIGHTS SPACED NEAR THE CENTERLINE OF THE SUPPORTS.

18. THE ROAD NAME SIGN SHALL HAVE A BLACK LEGEND ON FLUORESCENT ORANGE REFLECTIVE SHEETING. THE SIGN BLANK SHALL BE A 9" X VARIABLE OR A 12" X VARIABLE WITH DESIGN SERIES C LETTERS. THE CAPITAL LETTERS SHALL BE 6" WITH 5" LOWER CASE.
19. DURING NON-WORKING HOURS AT THE POINT OF ROAD CLOSURE TO ALL TRAFFIC THE CONTRACTOR SHALL PROVIDE A MEANS TO RESTRAIN THE BARRICADES FROM EASY MOVEMENT BY VANDALS. THE CHOSEN METHOD SHALL BE APPROVED BY THE ENGINEER.
20. CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED IMMEDIATELY BEHIND THE TYPE III BARRICADES DURING NON-WORKING HOURS. IN ANY EVENT ARTICLE 701.04 OF THE STANDARD SPECIFICATIONS SHALL APPLY.
21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VISIBILITY OF ALL DETOUR AND CONSTRUCTION SIGNING, INCLUDING BRUSHING BACK VEGETATION IF DEEMED NECESSARY BY THE ENGINEER.
22. THE FOLLOWING ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD IS APPLICABLE FOR THIS WORK:

STANDARD 701901

23. THE ENGINEER SHALL BE NOTIFIED AT LEAST TWO HOURS BEFORE THE ROAD IS TO BE OPENED TO TRAFFIC. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.

**NOTE 24 SHOULD ONLY BE INCLUDED ON DETOURS FOR CULVERT REPLACEMENTS. DELETE THIS NOTE & RED TEXT.**

24. ON THE SAME DAY THAT THE ROAD CLOSURE IS PUT IN PLACE, THE CONTRACTOR SHALL SAWCUT AND REMOVE THE EXISTING PAVEMENT WITHIN THE CULVERT REPLACEMENT LIMITS. AT A MINIMUM, THE PAVEMENT STRUCTURE SHALL BE REMOVED DOWN TO THE AGGREGATE BASE OR SUBGRADE LEVEL. FAILURE TO FULLY REMOVE THE PAVEMENT AS DESCRIBED HEREIN SHALL RESULT IN THE TRAFFIC CONTROL DEFICIENCY CHARGE BEING APPLIED FOR EVERY DAY THE PAVEMENT REMAINS IN PLACE AFTER THE ROAD CLOSURE BEGINS.

## **SPECIAL DETOUR NOTES:**

1. THE CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO THE DETOUR GENERAL NOTES. SEE SHEET **XX** FOR THE DETOUR GENERAL NOTES.
2. SEE SHEET **XX** FOR INFORMATION ON THE DESIGN AND LOCATION OF THE DETOUR INFORMATION SIGNS.
3. A MINIMUM OF **XX** TYPE III BARRICADES WILL BE NEEDED FOR THIS DETOUR AND ROAD CLOSURE. SEE DETOUR GENERAL NOTE 9.
4. PRIOR TO AND AT THE CONCLUSION OF THE DETOUR PLAN, THE TRAFFIC CONTROL PLAN SHOWN ON SHEETS **XX** TO **XX** SHALL BE IN EFFECT.

The information shown on these 3 sheets is for a detour of Fairfield Road. The information will need to be modified to fit your specific project.

To modify the three sections in white - they are linked word documents - use the word documents accompanying this file.

version 3-10-20

**EXAMPLE**

# DETOUR PLAN

## SPECIAL DETOUR NOTES:

1. THE CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO THE DETOUR GENERAL NOTES. SEE SHEET XX FOR THE DETOUR GENERAL NOTES.
2. SEE SHEET XX FOR INFORMATION ON THE DESIGN AND LOCATION OF THE DETOUR INFORMATION SIGNS.
3. A MINIMUM OF SEVEN (7) TYPE III BARRICADES WILL BE NEEDED FOR THIS DETOUR AND ROAD CLOSURE. SEE DETOUR GENERAL NOTE 10.
4. PRIOR TO AND AT THE CONCLUSION OF THE DETOUR PLAN, THE TRAFFIC CONTROL PLAN SHOWN ON SHEETS XX TO XX SHALL BE IN EFFECT.

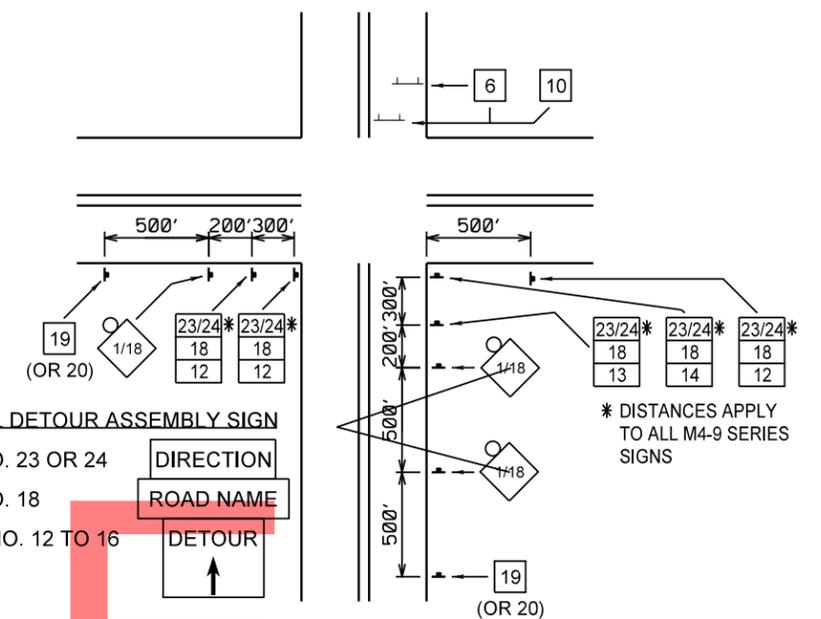
## LEGEND

-  SIGNALIZED INTERSECTION
-  48"X48" CONSTRUCTION WARNING SIGN, WITH AMBER FLASHING LIGHT NUMBER DENOTES TYPE
-  M4-9 SERIES DETOUR SIGN WITH ROAD NAME AND DIRECTION PLATES, NUMBER DENOTES TYPE
-  OTHER DETOUR SIGNS, NUMBER DENOTES TYPE
-  TYPE III BARRICADE WITH AMBER FLASHING LIGHTS
-  DETOUR ROUTE

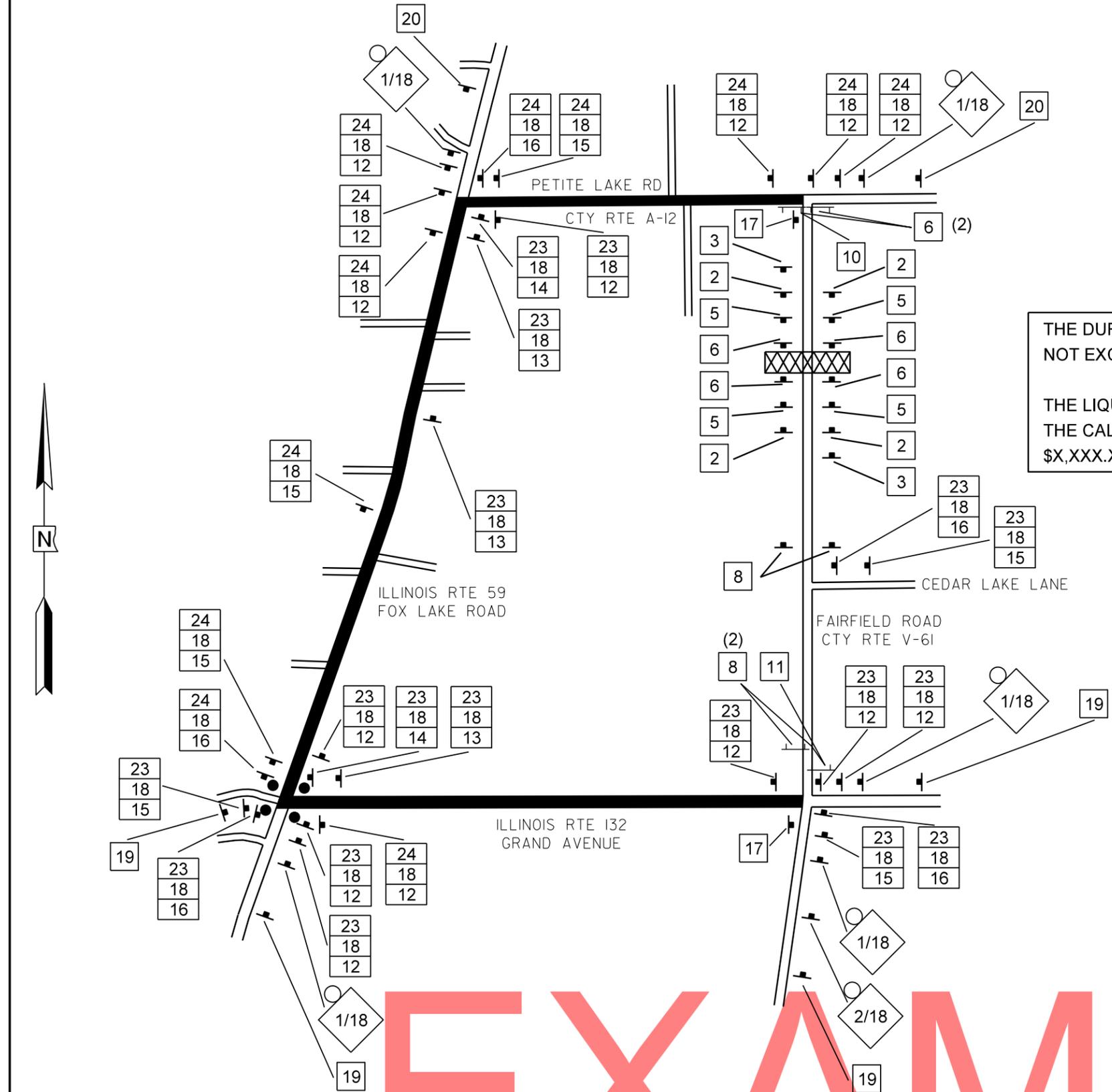
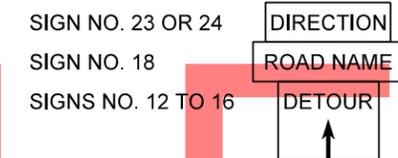
THE DURATION OF THE DETOUR SHALL NOT EXCEED XX CALENDAR DAYS.

THE LIQUIDATED DAMAGES FOR EXCEEDING THE CALENDAR DAYS ALLOWED SHALL BE \$X,XXX.XX PER CALENDAR DAY

## TYPICAL INTERSECTION AT POINT OF DETOUR



### TYPICAL DETOUR ASSEMBLY SIGN



REVISIONS / REMARKS		DATE	BY	SURVEYOR:
NO.	DESCRIPTION			
1	ADDITIONAL SIGNS INCLUDED	3/10/20		DSGMR/LIAISON:
				PLOTTED BY: HDRMC 3/9/2020



XXXXXXXXXXXXXXXXXXXX  
DETOUR PLAN

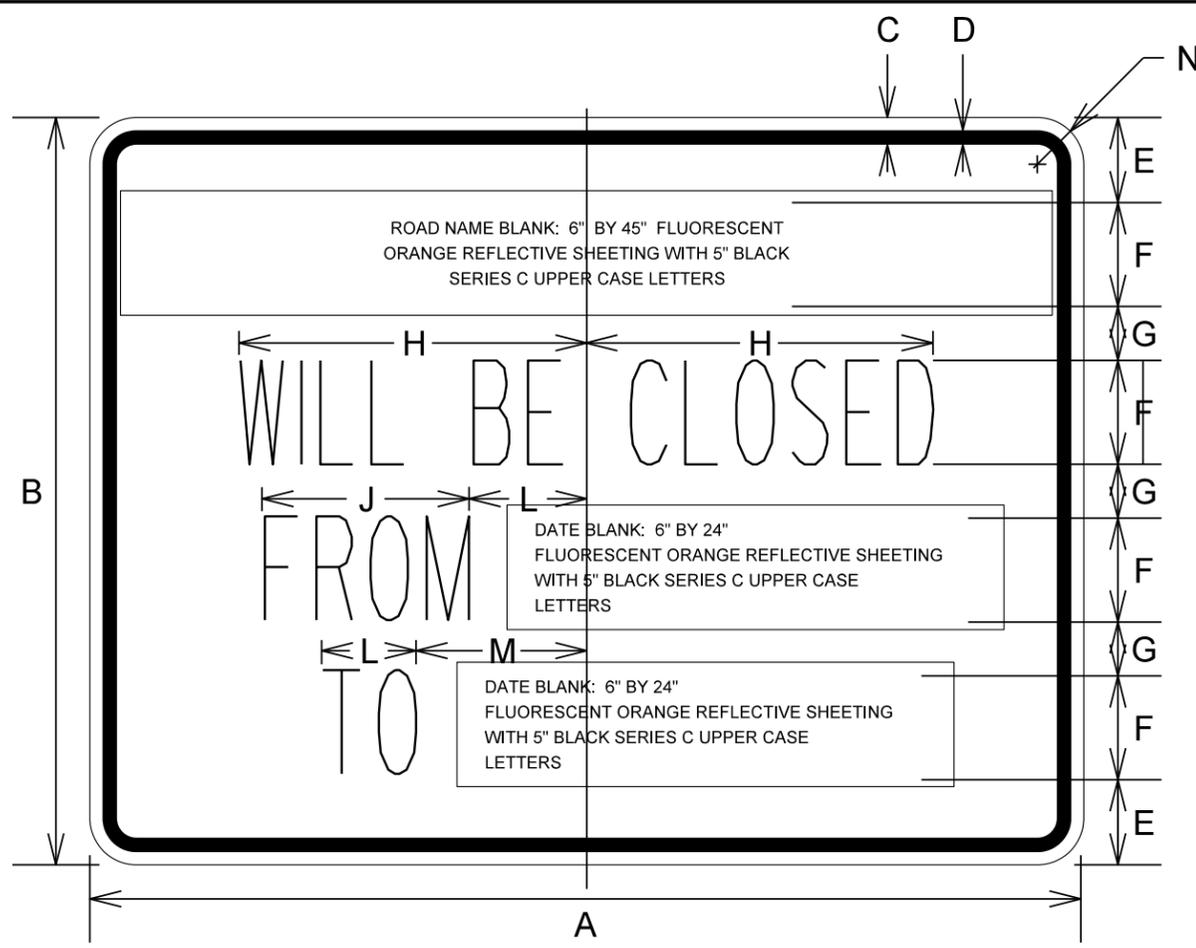
ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CHXX	XXX	XX-00XXX-XX-XX	1	3

NUMBER OF SIGNS 7



DATES SHOWN ARE FOR EXAMPLE ONLY

NUMBER OF SIGNS \_\_\_\_\_



**DIMENSIONS (ENGLISH)**

- A 48"
- B 36"
- C 5/8"
- D 7/8"
- E 4 1/8"
- F 5"
- G 2 5/8"
- H 9 3/4"
- J 12"
- K 5 1/2"
- L 5 1/2"
- M 8 1/2"
- N 2 1/4"

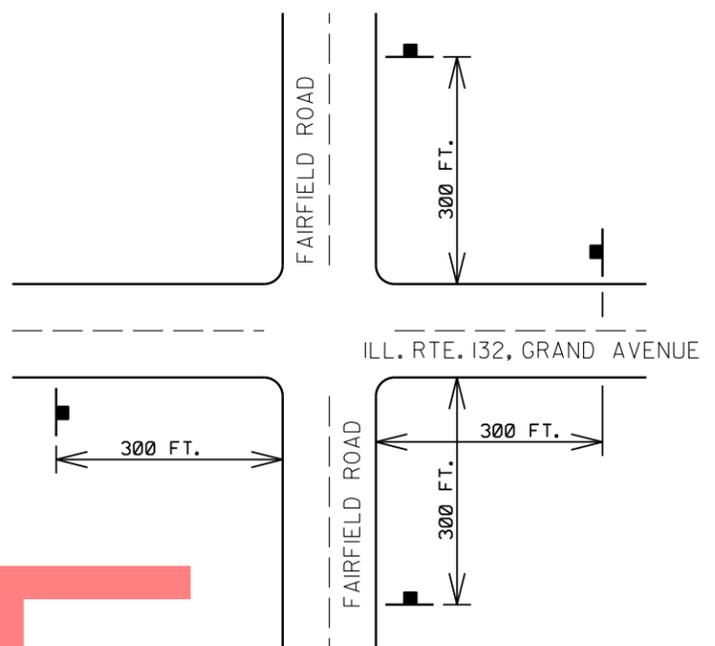
NOTE: SIGN SHEETING SHALL BE FLUORESCENT ORANGE WITH 5 INCH (125 mm) BLACK SERIES C LETTERS

**LOCATIONS OF PRE-DETOUR INFORMATION SIGNS BY INTERSECTION**

- N.B. FAIRFIELD ROAD, NORTH OF ILLINOIS ROUTE 132
- N.B. FAIRFIELD ROAD APPROACHING ILLINOIS ROUTE 132
- E.B. ILLINOIS ROUTE 132 APPROACHING FAIRFIELD ROAD
- W.B. ILLINOIS ROUTE 132 APPROACHING FAIRFIELD ROAD
- S.B. FAIRFIELD ROAD, SOUTH OF PETITE LAKE ROAD
- E.B. PETITE LAKE ROAD APPROACHING FAIRFIELD ROAD
- W.B. PETITE LAKE ROAD APPROACHING FAIRFIELD ROAD

NOTE: THESE SIGNS SHALL BE INSTALLED 7-10 CALENDAR DAYS PRIOR TO THE DETOUR AND ROAD CLOSURE. THE SIGNS SHALL BE REMOVED THE DAY THE DETOUR BEGINS.

SIGN LAYOUT FOR PRE-DETOUR INFORMATION SIGNS AT THE INTERSECTION OF GRAND AVENUE AND FAIRFIELD ROAD. SIGNS AT PETITE LAKE ROAD AND FAIRFIELD ROAD WILL BE INSTALLED IN A SIMILAR FASHION



EXAMPLE

REVISIONS / REMARKS					NO.	DESCRIPTION	DATE	BY	SURVEYOR:	DSGNER/LIAISON:	PLOTTED BY:	HDRMC	3/9/2020	XXXXXXXXXXXXXX	ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
															CHXX	XXX	XX-00XXX-XX-XX	2	3
													<b>DETOUR PLAN</b>						

# SCHEDULE OF QUANTITIES

SIGN NO.	SIGN	SIGN TYPE	QUANTITY	SIGN NO.	SIGN	SIGN TYPE	QUANTITY
①		W20-2 (O) 48	5	⑮		M4-9L (O) 3021	3
②		W20-3 (O) 48	1	⑯		M4-9L (O) 3021	3
③		W20-3 (O) 48	0	⑰		M4-8a (O) 2418	2
④		W20-3 (O) 48	0	⑱		SPECIAL (O) 9 VARIABLE	32
⑤		W21-1100 (O) 48	0	⑲		SPECIAL (O) 6030	5
⑥		R11-2 4830	2	⑳		SPECIAL (O) 6030	2
⑦		R11-3 6030	0	㉑		SPECIAL (O) 4836	
⑧		R11-4 6030	2	㉒		SPECIAL (O) 4836	
⑨		R11-3 6030	0	㉓		M3-1 (O) 2412	15
⑩		M4-10R (O) 4818	1	㉔		M3-3 (O) 2412	11
⑪		M4-10L (O) 4818	1				
⑫		M4-9 (O) 3021	14				
⑬		M4-9R (O) 3021	2				
⑭		M4-9R (O) 3021	2				

## DETOUR GENERAL NOTES

- ALL SIGNING SHALL BE ACCORDING TO THE APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JAN. 1, 2016", "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES ADOPTED 2010", THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION (LC-T-SECTION 700) AND THE L.C.D.O.T. DETOUR PROCEDURES AND GUIDELINES.
- THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT. THE ENGINEER SHALL DETERMINE THE HOUR OF CLOSURE. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
- IF DEEMED NECESSARY BY THE ENGINEER A PRE-CONSTRUCTION MEETING WITH THE CONTRACTOR SHALL BE HELD AT LEAST TWO WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT.
- THE CONTRACTOR SHALL SUPPLY TO THE ENGINEER THE NAMES AND TELEPHONE NUMBERS OF HIS REPRESENTATIVES ON THE CONSTRUCTION SITE AND HIS REPRESENTATIVE RESPONSIBLE FOR THE DETOUR SIGNING PRIOR TO THE START OF THE WORK. THE LAKE COUNTY DIVISION OF TRANSPORTATION REPRESENTATIVE FOR THIS DETOUR IS:  
  
TOM BENNECKE  
LAKE COUNTY DIVISION OF TRANSPORTATION  
TRAFFIC MANAGEMENT CENTER/TRAFFIC ENGINEERING  
600 W. WINCHESTER ROAD  
LIBERTYVILLE, ILLINOIS 60048  
(847) 377-7000
- IF REQUESTED BY THE CONTRACTOR IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT THE ENGINEER WILL FIELD LOCATE THE POSITIONS OF ANY SIGNS.
- LONGITUDINAL DIMENSIONS SHOWN ON THESE PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS, WITH THE APPROVAL OF THE ENGINEER.
- THE ROAD SHALL NOT BE CLOSED UNTIL ALL SIGNING IS ERECTED IN ACCORDANCE WITH THE DETOUR PLAN AND INSPECTED AND APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS, AND OTHER DEVICES INSTALLED BY HIM ARE IN PLACE AND OPERATING 24 HOURS EACH DAY INCLUDING SUNDAYS AND HOLIDAYS DURING THE TIME THE DETOUR IS IN EFFECT.
- THE TRAFFIC CONTROL SHOWN ON THE DETOUR PLAN IS THE MINIMUM NECESSARY TO ENSURE THIS ROAD CLOSURE. THE CONTRACTOR SHALL MAKE ALL CHANGES IN TRAFFIC CONTROL, INCLUDING ALL ADDITIONAL SIGNAGE AND/OR DEVICES, THAT IS DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION".
- ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE DETOUR IS IN EFFECT SHALL BE COMPLETELY COVERED BY THE CONTRACTOR, IN A MANNER APPROVED BY THE ENGINEER.
- ALL DETOUR SIGNING SHALL BE POST MOUNTED IF THE ROAD CLOSURE IS TO EXCEED FOUR CALENDAR DAYS.
- ALL DETOUR SIGNING EXCEPT REGULATORY SIGNS SHALL HAVE BLACK LEGENDS ON FLUORESCENT ORANGE SHEETING AND STANDARD BLACK BORDERS. THE FLUORESCENT ORANGE REFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF SECTION 1091 OF THE STANDARD SPECIFICATIONS. ALL DETOUR SIGNING SHALL BE NEW OR LIKE NEW CONDITION. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE CONDITION OF THE SIGNS.
- THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE AS REQUIRED BY THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- AS A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THIS DETOUR SHALL MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS IN ARTICLE 1106.02 OF THE STANDARD SPECIFICATIONS. ALL LIGHTS SHALL OPERATE DURING THE HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE USED.
- WHEN REQUIRED THE MINIMUM DIMENSIONS OF THE ORANGE WARNING FLAGS SHOWN IN THESE PLANS ARE 18" X 18".
- ALL BARRICADES SHALL HAVE REFLECTORIZED STRIPING ON BOTH SIDES OF THE BARRICADES. THE TYPE III BARRICADES USED AT THE POINT OF CLOSURE TO THRU TRAFFIC SHALL NOT EXCEED EIGHT FEET IN WIDTH EACH, FOR A SINGLE APPROACH LANE.
- THE "ROAD CLOSED" (R11-2), THE "ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY" (R11-3) AND THE "ROAD CLOSED TO THRU TRAFFIC" (R11-4) SIGNS SHALL BE MOUNTED ABOVE THE TOP OF THE BARRICADE. ALL TYPE III BARRICADES SHALL HAVE TWO AMBER TYPE A-LOW INTENSITY FLASHING LIGHTS SPACED NEAR THE CENTERLINE OF THE SUPPORTS.
- THE ROAD NAME SIGN SHALL HAVE A BLACK LEGEND ON FLUORESCENT ORANGE REFLECTIVE SHEETING. THE SIGN BLANK SHALL BE A 9" X VARIABLE OR A 12" X VARIABLE WITH DESIGN SERIES C LETTERS. THE CAPITAL LETTERS SHALL BE 6" WITH 5" LOWER CASE.
- DURING NON-WORKING HOURS AT THE POINT OF ROAD CLOSURE TO ALL TRAFFIC THE CONTRACTOR SHALL PROVIDE A MEANS TO RESTRAIN THE BARRICADES FROM EASY MOVEMENT BY VANDALS. THE CHOSEN METHOD SHALL BE APPROVED BY THE ENGINEER.
- CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED IMMEDIATELY BEHIND THE TYPE III BARRICADES DURING NON-WORKING HOURS. IN ANY EVENT ARTICLE 701.04 OF THE STANDARD SPECIFICATIONS SHALL APPLY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VISIBILITY OF ALL DETOUR AND CONSTRUCTION SIGNING, INCLUDING BRUSHING BACK VEGETATION IF DEEMED NECESSARY BY THE ENGINEER.
- THE FOLLOWING ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD IS APPLICABLE FOR THIS WORK:  
  
STANDARD 701901
- THE ENGINEER SHALL BE NOTIFIED AT LEAST TWO HOURS BEFORE THE ROAD IS TO BE OPENED TO TRAFFIC. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.

Note 24 should only be included on detours for culvert replacements. Delete this note & red text.

- ON THE SAME DAY THAT THE ROAD CLOSURE IS PUT IN PLACE, THE CONTRACTOR SHALL SAWCUT AND REMOVE THE EXISTING PAVEMENT WITHIN THE CULVERT REPLACEMENT LIMITS. AT A MINIMUM, THE PAVEMENT STRUCTURE SHALL BE REMOVED DOWN TO THE AGGREGATE BASE OR SUBGRADE LEVEL. FAILURE TO FULLY REMOVE THE PAVEMENT AS DESCRIBED HEREIN SHALL RESULT IN THE TRAFFIC CONTROL DEFICIENCY CHARGE BEING APPLIED FOR EVERY DAY THE PAVEMENT REMAINS IN PLACE AFTER THE ROAD CLOSURE BEGINS.

EXAMPLE

REVISIONS / REMARKS					Lake County Division of Transportation		XXXXXXXXXXXXX		ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
NO.	DESCRIPTION	DATE	BY	SURVEYOR:	DSGMR/LIAISON:				CHXX	XXX	XX-00XX-XX-XX	3	3
	ADDITIONAL SIGNS INCLUDED	3/10/20											
		/ /											
					HDRMC	3/9/2020							