



ROADS & DRAINAGE DIVISION

Road Closure Request Form

DATE OF REQUEST: _____ PROJECT OWNER: _____
AGENCY/COMPANY/UTILITY

PROJECT NAME: _____

PROJECT LOCATION: _____
Roadway Name City/Town

SCOPE OF WORK: _____

REASON FOR CLOSURE: _____

CLOSURE START DATE: _____ START TIME: _____ END TIME: _____
MONTH/DAY/YEAR HR:MIN AM/PM HR:MIN AM/PM

CLOSURE DURATION: _____ DAYS PROJECT DURATION: _____ DAYS
(66 days- 07/10/2025)

OFFICE CONTACT: _____
Name Office Phone Agency or Company

JOB SITE CONTACT: _____
Name Mobile Phone Agency or Company

PROJECT TYPE: _____ LAND DEVELOPMENT DIVISION _____ ROADS & DRAINAGE DIVISION _____ OTHER
(CHECK ONE)

PERMIT # _____ ROW-USE PERMIT # _____

NOTES:

1. Road closure approvals are only granted when no other option exists and for the shortest time required to complete the indicated scope of work. Reason(s) for road closure must be specific and justifiable.
2. Road closures exceeding a duration of five(5) calendar days will take longer than ten(10) days for approval by the Board.
3. Road closures exceeding a duration of two calendar weeks require a "Road Closure Agreement" to be executed and returned at least three (3) days prior to scheduled closure start date. Call 863-535-2200 for details.
4. Request for closure form must be submitted to TE_RoadClosureCoordinator@polk-county.net at least ten (10) working days prior to closure start date.
5. Submit form with an aerial location map depicting work zone location with northing arrow and major roads labeled.
6. Submit form with a traffic control plan to include: Detour Route Location of Signs and Devices Required Message Boards w/text of message
7. Location map and traffic control plan must be computer-generated and **cannot be hand-sketched**.
8. Requests for extension must be submitted with the originally approved request form.
9. Polk County will notify first-responder agencies and other appropriate organization.
10. Polk County Reserves the right to modify the approved time frames listed if substantial traffic concerns arise.

Reviewed by:

Approved by:

Joe Montoya, P.E.
Engineering Manager

Date

Jay M. Jarvis, P.E.
Division Director

Date

Amy J. Gregory, P.E.
Traffic Manager

Date

John Bohde
Deputy County Manager

Date

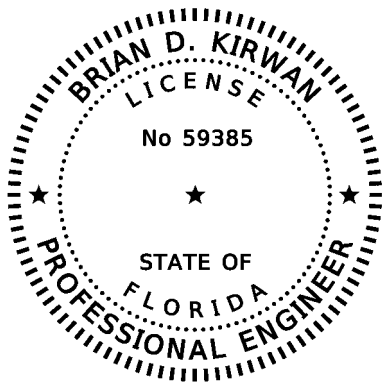
INDEX OF TEMPORARY TRAFFIC CONTROL PLANS

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TEMPORARY TRAFFIC CONTROL PLAN

FDC GROVE ROAD
PHASE 3

CLOSURE OF FDC GROVE ROAD BETWEEN HOLLY HILL GROVE ROAD 2 AND DRAINTREE STREET



THIS ITEM HAS BEEN ELECTRONICALLY
SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE
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ON ANY ELECTRONIC COPIES

PLANS PREPARED BY:
K&N ENGINEERING, LLC
3224 WALD ROAD
ORLANDO, FL 32806
PHONE: (321) 228-5419

PLANS PREPARED FOR:
CENTRAL FLORIDA TRAFFIC CONTROL
1730 DUNDEE ROAD
WINTER HAVEN, FL 33884
PHONE: (863) 662-3927

TEMPORARY TRAFFIC CONTROL PLAN
ENGINEER OF RECORD: BRIAN D. KIRWAN, PE

P.E. NO.: 59385

GENERAL NOTES:

1. THE FOLLOWING PLANS PROVIDE TRAFFIC CONTROL DETAILS FOR THE ROAD WORK ON FDC GROVE ROAD AND HOLLY HILL GROVE ROAD 2.
2. PLANS ARE NOT TO SCALE.
3. ALL FDOT STANDARD PLAN INDICES REFER TO FY 2024-25 DRAWINGS.
4. LANE CLOSURE AND DEVICE SPACING REFLECT FDOT STANDARD DRAWINGS, INDEX 102-600. ALSO, SEE FDOT TABLES BELOW.
5. SIGN SPACING, TAPER AND TANGENT LENGTHS, AND OTHER ELEMENTS SPACINGS HAVE BEEN MODIFIED TO ADJUST FOR SITE SPECIFIC CONDITIONS. FIELD MODIFICATIONS CAN BE MADE TO MORE CLOSELY MATCH FDOT STANDARD SPACING LENGTHS IF EXISTING CONDITIONS ALLOW FOR ADJUSTMENTS.
6. TEMPORARY TRAFFIC CONTROL SIGNS SHALL NOT BE PLACED AS TO OBSTRUCT EXISTING SIGNS OR MARKINGS. FIELD ADJUSTMENTS CAN BE MADE ACCORDINGLY.
7. THE NUMBER OF DEVICES SHOWN ON THESE PLANS IS FOR ILLUSTRATION PURPOSES. ADDITIONAL DEVICES MAY BE REQUIRED TO PROPERLY PROTECT THE WORKERS AND WORK ZONE FROM VEHICULAR TRAFFIC
8. ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL BE NEW OR LIKE NEW CONDITION. ALL SIGNS SHALL BE POST MOUNTED UNLESS OTHERWISE INDICATED.
9. DURING NON-WORKING HOURS, NO EQUIPMENT, VEHICLES OR MATERIAL SHALL BE PARKED OR STORED WITHIN THE CLEAR ZONE OF ADJACENT ROADWAYS OPEN TO VEHICULAR TRAFFIC.
10. EXISTING REGULATORY AND WARNING SIGNS ARE TO BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE NOTED. COORDINATION WITH EXISTING TRAFFIC CONTROL AND CONSTRUCTION WILL BE REQUIRED TO ENSURE NO CONFLICTS OCCUR.
11. DELIVERY AND CONSTRUCTION TRUCKS SHALL NOT BLOCK TRAFFIC.

TABLE 1 CHANNELIZING DEVICE SPACING				
Work Zone Speed (mph)	Maximum Spacing (feet)			
	Cones or Temporary Tubular Markers		Type I Barricades, Type II Barricades, Vertical Panels, or Drums	
	Taper	Tangent	Taper	Tangent
≤ 45	25	50	25	50
≥ 50	25	50	50	100

TABLE 2 TAPER LENGTH															
Work Zone Speed (mph)							Minimum Length (Feet)								
≤ 40							L = (WS ²)/60								
≥ 45							L = WS								
Example "L" Values															
S (mph)	W (Width of Offset in Feet)														
	4			5			8			10			12		
	L	L/2	L/3	L	L/2	L/3	L	L/2	L/3	L	L/2	L/3	L	L/2	L/3
25	42	21	14	52	26	17	83	42	28	104	52	35	125	63	42
30	60	30	20	75	38	25	120	60	40	150	75	50	180	90	60
35	82	41	27	102	51	34	163	82	54	204	102	68	245	123	82
40	107	53	36	133	67	44	213	107	71	267	133	89	320	160	107
45	180	90	60	225	113	75	360	180	120	450	225	150	540	270	180
50	200	100	67	250	125	83	400	200	133	500	250	167	600	300	200
55	220	110	73	275	138	92	440	220	147	550	275	183	660	330	220
60	240	120	80	300	150	100	480	240	160	600	300	200	720	360	240
65	260	130	87	325	163	108	520	260	173	650	325	217	780	390	260
70	280	140	93	350	175	117	560	280	187	700	350	233	840	420	280
NOTE: Unless otherwise shown: Use L for merging tapers Use L/2 for shifting tapers Use L/3 for shoulder tapers															

TABLE 3 WORK ZONE SIGN SPACING "X"	
Road Type	Minimum Spacing (feet)
Arterials and Collectors with Work Zone Speed ≤ 40 mph	200
Arterials and Collectors with Work Zone Speed ≥ 45 mph	500
Limited Access Roadways (See Note)	1,500
NOTE: For Limited access roadways with work zone speed ≤ 55 mph, the minimum spacing may be reduced in accordance with the MUTCD and as approved by the Engineer.	

TABLE 4 BUFFER LENGTH "B"	
Work Zone Speed (mph)	Minimum Length (feet)
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730
NOTE: When Buffer Length "B" cannot be attained due to geometric constraints, use the greatest length possible, but not less than 155 feet.	

TABLE 5 CLEAR ZONE WIDTHS FOR WORK ZONES		
Work Zone Speed (mph)	Travel Lanes & Multilane Ramps (feet)	Auxiliary Lanes & Single Lane Ramps (feet)
60-70	30	18
55	24	14
45-50	18	10
30-40	14	10
ALL SPEEDS CURB & GUTTER	4' BEHIND FACE OF CURB	4' BEHIND FACE OF CURB
NOTE: For temporary conditions where existing curb has been removed but not reconstructed, curb and gutter values may be used.		

TABLE 6 MINIMUM RADII FOR NORMAL CROWN	
Work Zone Posted Speed (mph)	Minimum Radius (feet)
70	4090
65	3130
60	2400
55	1840
50	1390
45	1080
40	820
35	610
30	430
Superelevate When Smaller Radii is Used	

TABLE 7 POST AND FOUNDATION TABLE FOR WORK ZONE SIGNS			
SIGN SHAPE	SIGN SIZE (inches)	NUMBER OF STEEL U CHANNEL POSTS	Notes For Table:
Octagon	30x30	1	
	36x36x36	1	1. Use 3 lb/ft posts for Clear Height up to 10' and 4 lb/ft posts for Clear Height up to 12'.
Triangle	48x48x48	1	
	60x60x60	2	2. Minimum foundation depth is 4.0' for 3 lb/ft posts and 4.5' for 4 lb/ft posts.
	24x18	1	
Rectangle (W x H)	24x30	1	3. For both 3 lb/ft and 4 lb/ft base or sign posts installed in rock, a minimum cumulative depth of 2" of rock layer is required.
	30x24	1	
	36x18	1	4. The soil plate as shown on the APL vendor drawing is not required for base posts or sign posts installed in existing rock (as defined in Note 3), asphalt roadway, shoulder pavement or soil under sidewalk.
	36x24	1	
	48x18	1	5. For diamond warning signs with supplement plaque (up to 5 ft² in area), use 4 lb/ft posts for up to 10 ft Clear Height (measure to the bottom of diamond warning sign).
	48x24	1	
	36x48	2	
	48x30	2	
	48x36	2	
	54x36	2	
	48x60	3	
	72x48	3	
	30x30	1	
	36x36	2	
	48x48	2	
	48x48	2	
Diamond	48x48	2	
Circle	36Ø	2	

TABLE 8 DROP-OFF PROTECTION REQUIREMENTS			
Condition	E (ft)	D (in.)	Device Required
1	0-12	> 3	Temporary Barrier
2	> 12-CZ	> 3 to ≤ 5	Channelizing Device
3	0-CZ	> 5	Temporary Barrier
4	Removal of Bridge or Retaining Wall Barrier		Temporary Barrier
5	Removal of portions of Bridge Deck		Temporary Barrier

FDC GROVE ROAD PHASE 3 & 3A	PLANS PREPARED BY: BRIAN D. KIRWAN, PE P.E. LICENSE NO. 59385 K&N ENGINEERING, LLC 3224 WALD ROAD ORLANDO, FL 32806 PHONE: (321) 228-5419	PLANS PREPARED FOR: CENTRAL FLORIDA TRAFFIC CONTROL 1730 DUNDEE RD. WINTER HAVEN, FL 33884 PHONE: (863) 662-3927	TRAFFIC CONTROL GENERAL NOTES	SHEET NO.
				2

