



PERMIT #: _____

Office Use only

DATE: 10/26/2020

MAINTENANCE OF TRAFFIC PERMIT APPLICATION

Contractor: Orange Construction
Address: 4200S John Young Pkwy.
City: Orlando State: FL Zip Code: 32839
Contact Person: Mayda Leon Phone: (321) 354-8084
E-Mail: Mayda.Leon@ocfl.net

Optional Customer Work Order/Job #:
Work Order #: Ep99632148-02
Prefer weekday 9am to 3pm lane closures

I have read the MOT instructions and requirements on page (2) two of this document.

Permit Applicant Name: Edward Quinn with Quinn Permitting Phone #: (321) 354-8084

E-mail: Edward.Quinn@ocfl.net

Barricade Supplier: Eddie Quinn Barricade Company

Contact Person: Eddie Quinn Phone: 3213548084

Email: Edward.Quinn@ocfl.net

MOT Certified Person On-Site Estimated lane closure days: 8 Is barrier wall required: No

Name: Edward Quinn Certification Level: Intermediate or Advanced

Email: Edward.Quinn@ocfl.net Phone: (321) 354-8084 Expiration Date: 7/17/2024

Note: If barrier wall is proposed, advanced MOT certification is required

Location of Project: Hawaiian Ct.

Located in ROW on the north side approx 50' south west of McDonalds

Crossing Streets or Nearest Major Intersection:

From: International Dr.

To: Hawaiian Ct.

Description of Work: Install new pole in ROW for wireless facilities

Latest MOT Indexes used in this project: 102-601,102-602,102-603 &102-660

OFFICIAL USE ONLY	ALLOWED LANE CLOSURE
Approved by: _____	<input type="checkbox"/> No lane closure permitted
Permit Start: _____	<input type="checkbox"/> Day Work:
Permit Expires: _____	<input type="checkbox"/> Mon-Fri 9AM-3PM
Comments: _____ _____ _____ _____	<input checked="" type="checkbox"/> * Near Schools in Session
	<input type="checkbox"/> * 9am-2pm (Wed 9AM-1PM)
	<input type="checkbox"/> Night Work:
	<input type="checkbox"/> Sun night -Thur night 9PM-6AM
	<input type="checkbox"/> Sun night -Thur night 11PM-6AM
	<input type="checkbox"/> Weekend Days Only
	<input type="checkbox"/> Sat/Sun 8AM-5PM
	<input type="checkbox"/> Closure/Detour



Night work requires police officer(s), light tower and County inspector. Work requiring a Right of Way permit must be scheduled with Development Engineering regardless of MOT approval.

EXAMPLE

Maintenance of Traffic Instructions/Requirements

An approved Maintenance of Traffic (MOT) Plan shall be required any time work is being performed within the Orange County Right of Way or impacting an existing pedestrian walkway. A MOT plan shall conform to the latest edition of the FDOT Design Standards.

A copy of the MOT Permit shall be kept on site at all times.

The approval of an MOT application requires a minimum of ten working days from the time of receipt of all required documents and follows the process stated below. Additional time may be required for more complex plans or plans requiring additional coordination. For Permit Statutes; Refer online to Fast-Track.

MOT plan shall include:

- Certificate for the MOT Certified Person on-site
Map illustrating the limits of the work zone and nearby cross streets. Underground work will require one set of plans showing depth and location of utilities.
- Indicate applicable current FDOT Design Standard Index. The indexes shall include the name of the roadway they represent along with the north arrow.
- Police officer(s), light towers and County Inspectors will be required for all night work activities that require lane or road closures.
- No lane closures are permitted in inclement weather or County observed holidays and holiday weekends.
- Water filled barrier wall will not be approved for roads with a posted speed of over 35MPH.
- **Emergency services and schools** that serve the work area must be notified via email about road closures and detours 1 week in advance. Copy Edward.Quinn@ocfl.net & Mayda.Leon@ocfl.net on notification email.

EXAMPLE

The Following is a General List for Lane Closures:

Night Work; Week Days & Weekends 9PM-6AM		Saturday & Sunday Work 8AM-5PM	
Alafaya Tl.	Bonneville Rd.	Avalon Rd.	Conroy Windermere Rd
Central Florida Pkwy.	Chase Rd.	Ficquette Rd.	Taft-Vineland Rd
Lake St.	S. Apopka Vineland Rd.	Kaley Ave.	Turkey Lake Rd
Orange Av.	Vineland Rd.	Reams Rd.	Dr. Phillips Rd
Narcoossee Rd.	W Landstreet R.	Rouse Rd	Hiawassee Rd.
University Blvd (No Closure on UCF Home Game Days)			
Sand Lake Rd. between I-Drive & Apopka Vineland Rd.		Lake Underhill Rd. between Goldenrod & Chickasaw	
Night Work Only; Monday – Thursday 11PM – 6am			
<u>International Drive</u>			
No road closures during Convention Center events. Coordinate with Convention Center for event schedule.			

Certificate of Completion

VOID

EDWARD QUINN

**Has Completed a Florida Department of
Transportation Approved Temporary Traffic
Control (TTC) Advanced Course.**

07/17/2024

Date Expires

110

FDOT Provider #

Jack Luckhardt

Instructor

63704

Certificate #



IOA Risk Services
1855 W State Rd 434
Longwood, FL 32750
www.safetylinks.net
ghansen@safetylinks.net



For more information about Temporary Traffic
Control (TTC) or to verify this certificate

www.motadmin.com

EXAMPLE



This Certifies that
EDWARD QUINN

Has Completed a Florida Department of Transportation Approved
Temporary Traffic Control (TTC) Advanced Course.

Date Expires: 07/17/2024

Certificate # 63704

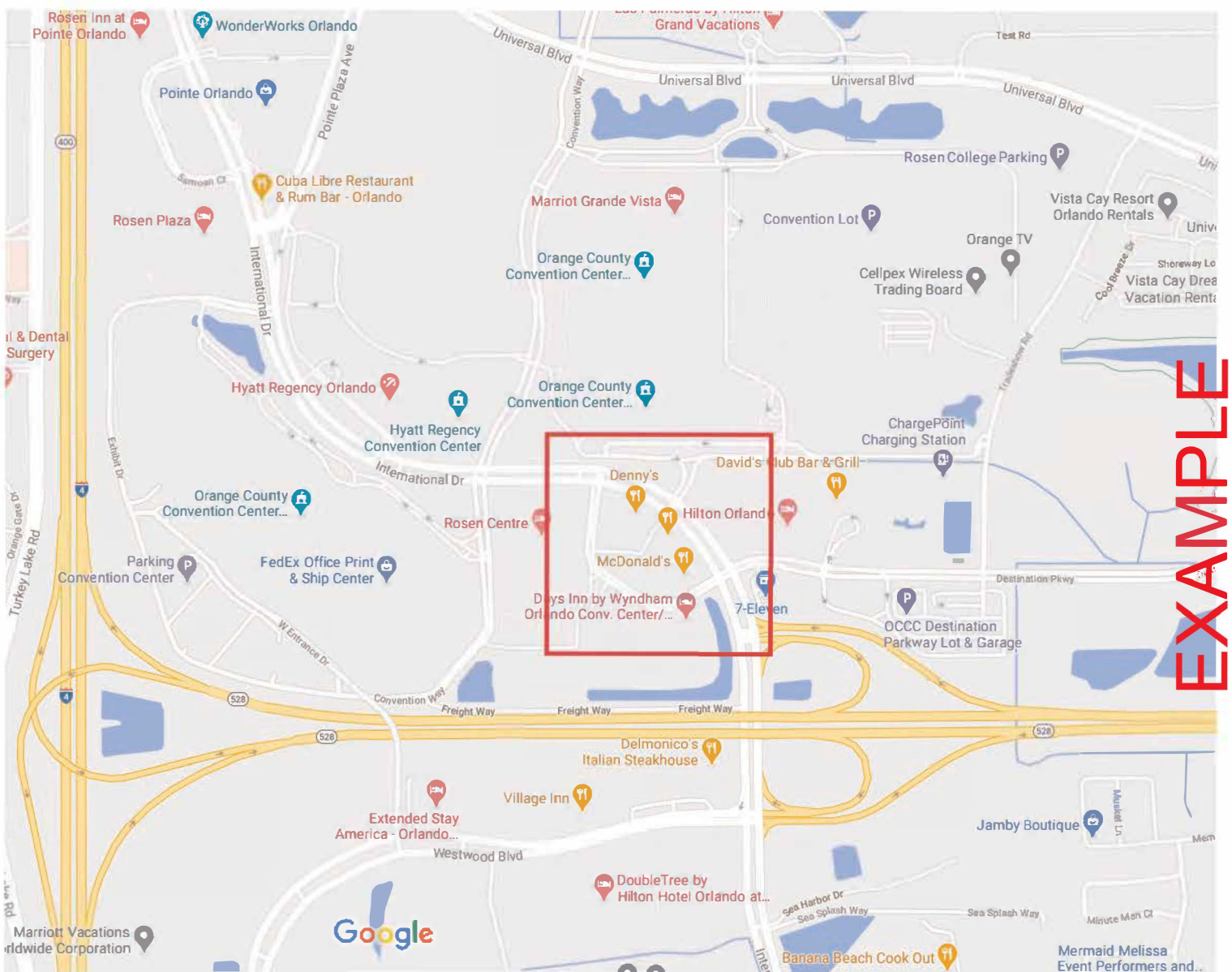
Instructor: Jack Luckhardt

FDOT Provider # 110

IOA Risk Services
Phone: 800-768-7036
1855 W State Rd 434
Longwood, FL 32750
www.safetylinks.net
ghansen@safetylinks.net



EXAMPLE

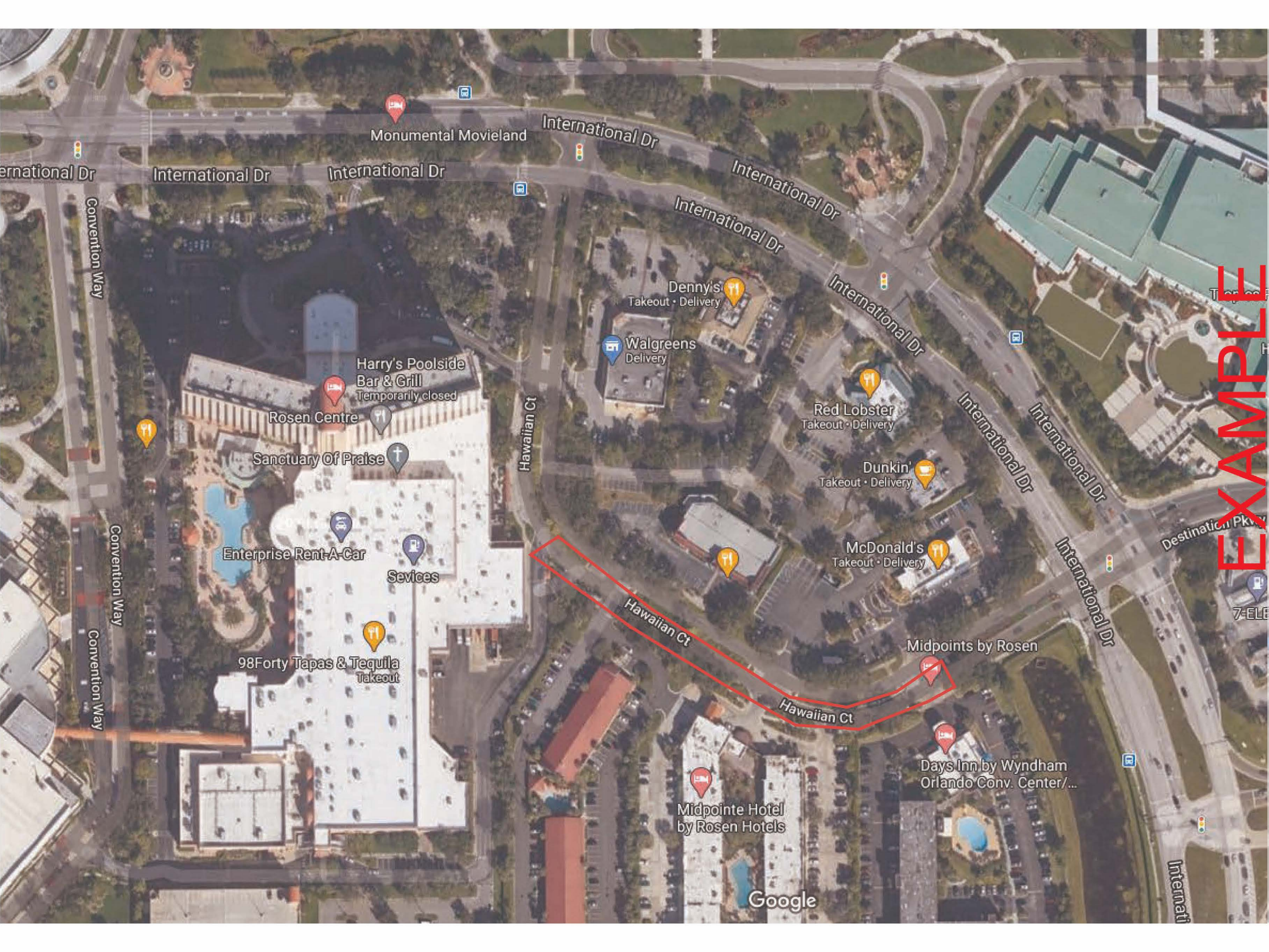


EXAMPLE

A red rectangular box highlights a cluster of businesses and hotels. The highlighted area includes:
- Denny's (yellow fork and knife icon)
- Hilton Orlando (red location pin icon)
- McDonald's (yellow fork and knife icon)
- Days Inn by Wyndham Orlando Conv. Center/... (red location pin icon)

Google

Mermaid Melissa Event Performers and...



Monumental Movieland

International Dr

International Dr

International Dr

International Dr

International Dr

International Dr

International Dr

International Dr

International Dr

International Dr

Destination Pkwy

Convention Way

Convention Way

Convention Way

Hawaiian Ct

Hawaiian Ct

Hawaiian Ct

Internati

Rosen Centre

Harry's Poolside Bar & Grill
Temporarily closed

Sanctuary Of Praise

Enterprise Rent-A-Car

Sevices

98Forty Tapas & Tequila
Takeout

Denny's
Takeout • Delivery

Walgreens
Delivery

Red Lobster
Takeout • Delivery

Dunkin'
Takeout • Delivery

McDonald's
Takeout • Delivery

Midpoints by Rosen

Midpointe Hotel
by Rosen Hotels

Days Inn by Wyndham
Orlando Conv. Center/...

Google

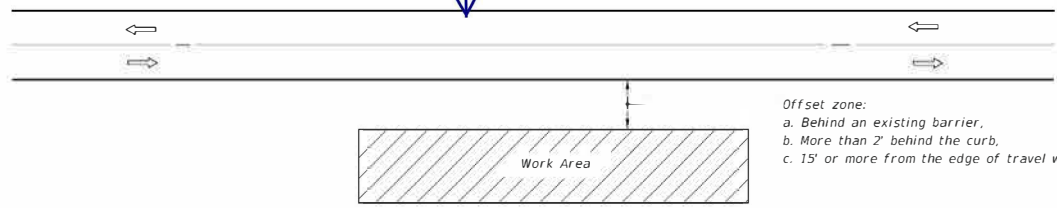
EXAMPLE



EXAMPLE



Hawaiian Ct.



Offset zone:
 a. Behind an existing barrier,
 b. More than 2' behind the curb,
 c. 15' or more from the edge of travel way.

GENERAL NOTES

1. If the work operation (excluding establishing and terminating the work area) requires that two or more work vehicles cross the offset zone in any one hour, traffic control will be in conformance with Index 102-602.
2. No special signing is required.
3. When a side road intersects the highway within the work area, additional TTC devices shall be placed in accordance with other applicable TCZ Indexes.
4. When construction activities encroach on a sidewalk refer to Index 102-660.
5. For general TCZ requirements and additional information, refer to Index 102-600.

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS AND THEIR ACTIVITIES ARE BEHIND AN EXISTING BARRIER, MORE THAN 2' BEHIND THE CURB, OR 15' OR MORE FROM THE EDGE OF TRAVEL WAY.

SYMBOLS

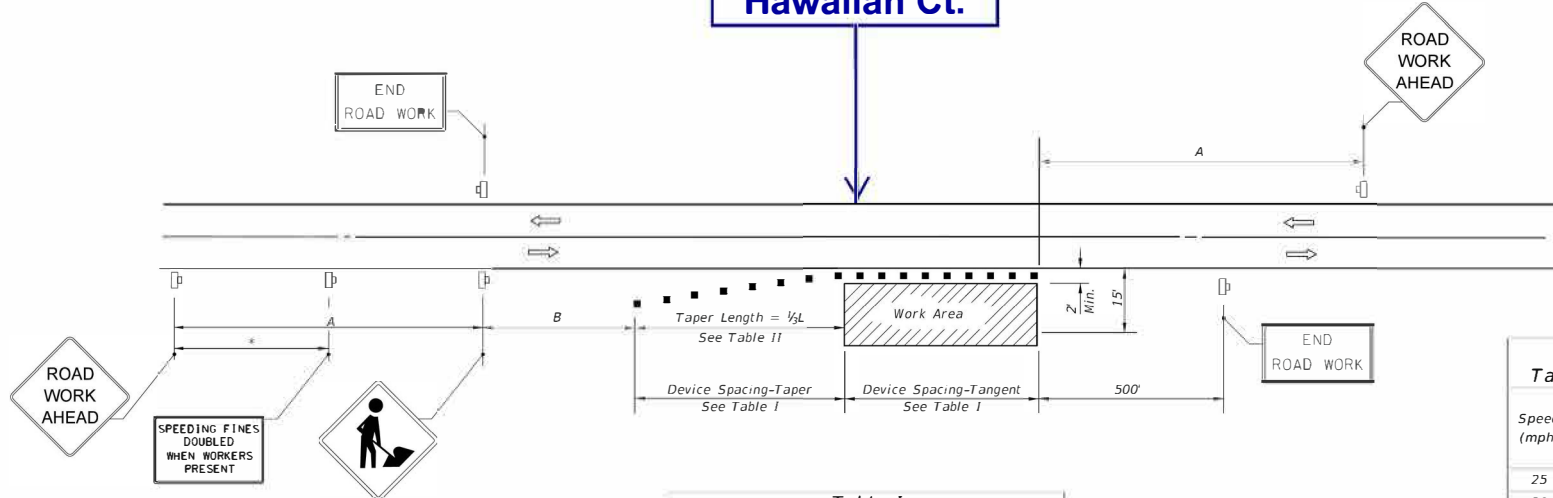
- Work Area
- Lane Identification + Direction of Traffic

2/26/2020 12:29:40 PM

LAST REVISION 11/01/17	REVISION	DESCRIPTION:		FY 2020-21 STANDARD PLANS	TWO-LANE, TWO-WAY, WORK OUTSIDE SHOULDER	INDEX 102-601	SHEET 1 of 1
---------------------------	----------	--------------	--	------------------------------	--	------------------	-----------------

EXAMPLE

Hawaiian Ct.



DISTANCE BETWEEN SIGNS

Speed	Spacing (ft.)	
	A	B
40 mph or less	200	200
45 mph	350	350
50 mph or greater	500	500

*Midway between signs.

**Table I
Spacing**

Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50
50 to 70	25	50	50	100

**Table II
Taper Length - Shoulder**

Speed (mph)	1/2 L (ft)			Notes
	8' Shldr.	10' Shldr.	12' Shldr.	
25	28	35	42	$L = \frac{WS^2}{60}$
30	40	50	60	
35	55	68	82	
40	72	90	107	
45	120	150	180	L=WS
50	133	167	200	
55	147	183	220	
60	160	200	240	
65	173	217	260	
70	187	233	280	

8' minimum shoulder width

1/2 L = Length of shoulder taper in feet

W = Width of total shoulder in feet (combined paved and unpaved width)

S = Posted speed limit (mph)

SYMBOLS

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Lane Identification + Direction of Traffic

GENERAL NOTES

- When four or more work vehicles enter the through traffic lanes in a one hour period or less (excluding establishing and terminating the work area), the advanced FLAGGER sign shall be substituted for the WORKERS sign. For location of flaggers and FLAGGER signs, see Index 102-603.
- SHOULDER WORK sign may be used as an alternate to the WORKER symbol sign only on the side where the shoulder work is being performed.
- When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ Indexes.
- For general TCZ requirements and additional information, refer to Index 102-600.

DURATION NOTES

- Signs and channelizing devices may be omitted if all of the following conditions are met:
 - Work operations are 60 minutes or less.
 - Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH THE AREA CLOSER THAN 15' BUT NOT CLOSER THAN 2' TO THE EDGE OF TRAVEL WAY.

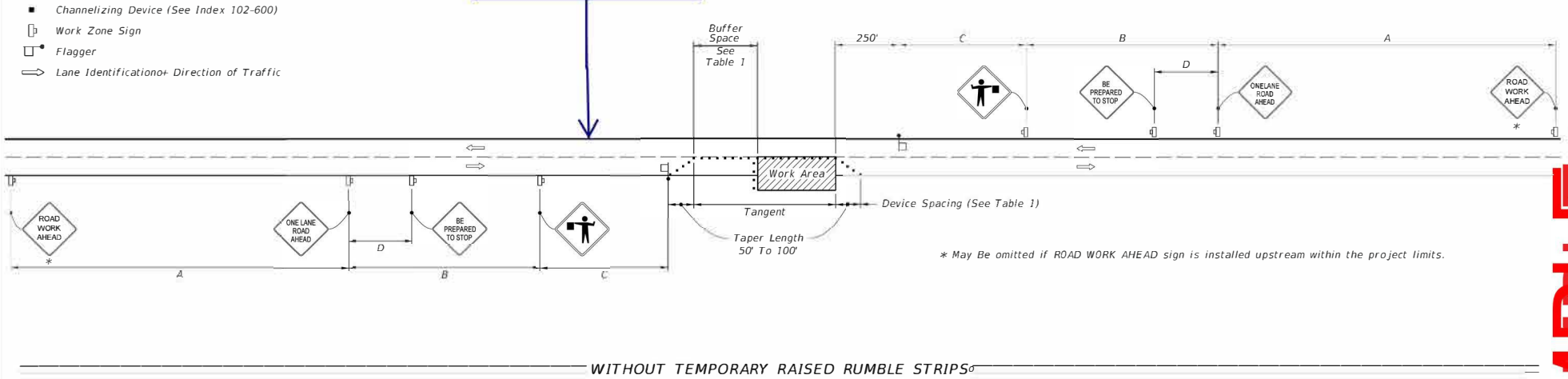
2/28/2020 12:30:16 PM

LAST REVISION 11/01/17	DESCRIPTION:	FY 2020-21 STANDARD PLANS	TWO-LANE, TWO-WAY, WORK ON SHOULDER	INDEX 102-602	SHEET 1 of 1
---------------------------	--------------	------------------------------	-------------------------------------	------------------	-----------------

SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Flagger
- Lane Identification+ Direction of Traffic

Hawaiian Ct.



WITHOUT TEMPORARY RAISED RUMBLE STRIPS

GENERAL NOTES:

1. Special Conditions may be required in accordance with these notes and the following sheets:
 - A. Railroad Crossings:
 - a. If an active railroad crossing is located closer to the Work Area than the queue length plus 300 feet, extend the Buffer Space as shown on Sheet 3.
 - b. If the queuing of vehicles across an active railroad crossing cannot be avoided, provide a uniformed traffic control officer or flagger at the highway-rail grade crossing to prevent vehicles from stopping within the highway-rail grade crossing, even if automatic train warning devices are in place.
 - B. If the Work Area encroaches on the Centerline, use the Layout for Temporary Lane Shift to Shoulder on Sheet 3 only if the Existing Paved Shoulder width is sufficient to provide for an 11' lane between the Work Area and the Edge of Existing Paved Shoulder. Reduce the posted speed when appropriate.
2. Temporary Raised Rumble Strips:
 - A. Use when both of the following conditions are met concurrently:
 - a. Existing Posted Speed is 55 mph or greater;
 - b. Work duration is greater than 60 minutes.
 - B. Use a consistent Strip color throughout the work zone.
 - C. Place each Rumble Strip Set transversely across the lane at locations shown.
 - D. Use Option 1 or Option 2 as shown on Sheet 2. Use only one option throughout work zone.
3. Additional one-way control may be provided by the following means:
 - A. Flag-carrying vehicle;
 - B. Official vehicle;
 - C. Pilot vehicles;
 - D. Traffic signals.

When flaggers are the sole means of one-way control, the flaggers must be in sight of each other or in direct communication at all times.
4. When a side road intersects the highway within the TTC zone, place additional TTC devices in accordance with other applicable TCZ Indexes.
5. The two channelizing devices directly in front of the work area may be omitted provided vehicles in the work area have high-intensity rotating, flashing, oscillating, or strobe lights operating.
6. When Buffer Space cannot be attained due to geometric constraints, use the greatest attainable length, not less than 200 ft, for posted speeds greater than 25 mph.
7. ROAD WORK AHEAD and the BE PREPARED TO STOP signs may be omitted if all of the following conditions are met:
 - A. Work operations are 60 minutes or less.
 - B. Speed limit is 45 mph or less.
 - C. There are no sight obstructions to vehicles approaching the work area for a distance equal to the Buffer Space shown in Table 1.
 - D. Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.
 - E. Volume and complexity of the roadway has been considered.
 - F. If a railroad crossing is present, vehicles will not queue across rail tracks.
 - G. AFADs are not in use.
8. See Index 102-600 for general TCZ requirements and additional information.
9. Automated Flagger Assistance Devices (AFADs) may be used in accordance with Specifications Section 102, 990 and the APL vendor drawings.

Posted Speed	DEVICE SPACING				Distance Between Signs				Buffer Space
	Maximum Spacing of Cones or Tubular Markers		Maximum Spacing of Type I or Type II Barricades/Panels/Drums		A	B	C	D	
	On a Taper	On a Tangent	On a Taper	On a Tangent					
25	20'	50'	20'	50'	200'	200'	200'	100'	155'
30	20'	50'	20'	50'	200'	200'	200'	100'	200'
35	20'	50'	20'	50'	200'	200'	200'	100'	250'
40	20'	50'	20'	50'	200'	200'	200'	100'	305'
45	20'	50'	20'	50'	350'	350'	350'	175'	360'
50	20'	50'	20'	100'	500'	500'	500'	250'	425'
55	20'	50'	20'	100'	2640'	1500'	1000'	500'	495'
60	20'	50'	20'	100'	2640'	1500'	1000'	500'	570'
65	20'	50'	20'	100'	2640'	1500'	1000'	500'	645'
70	20'	50'	20'	100'	2640'	1500'	1000'	500'	730'

CONDITIONS
WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCR OACH THE AREA BETWEEN THE CENTERLINE AND A LINE 2' OUTSIDE THE EDGE OF TRAVEL WAY.

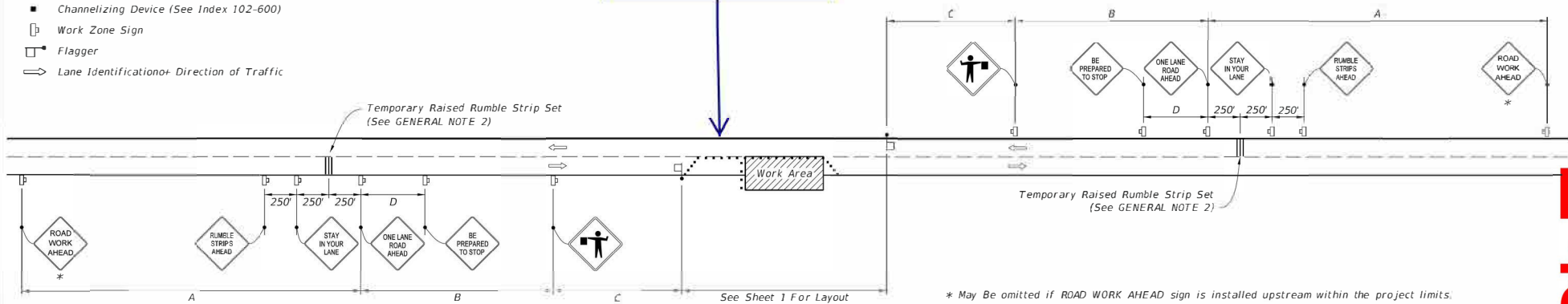
12:36:42 PM 2/16/2020

EXAMPLE

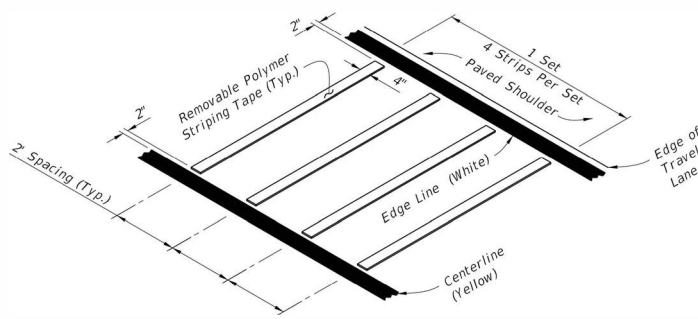
Hawaiian Ct.

SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Flagger
- Lane Identification + Direction of Traffic

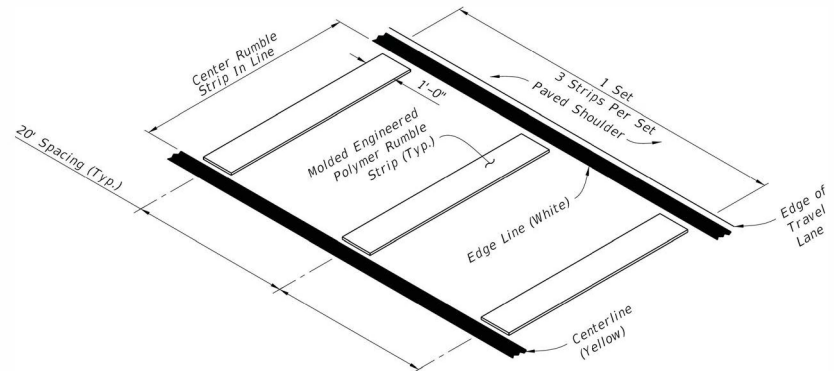


WITH TEMPORARY RAISED RUMBLE STRIPS
(When Required See GENERAL NOTE 2)



REMOVABLE POLYMER STRIPING TAPE

RUMBLE STRIP SET
OPTION - 1



MOLDED ENGINEERED POLYMER SET

RUMBLE STRIP SET
OPTION - 2

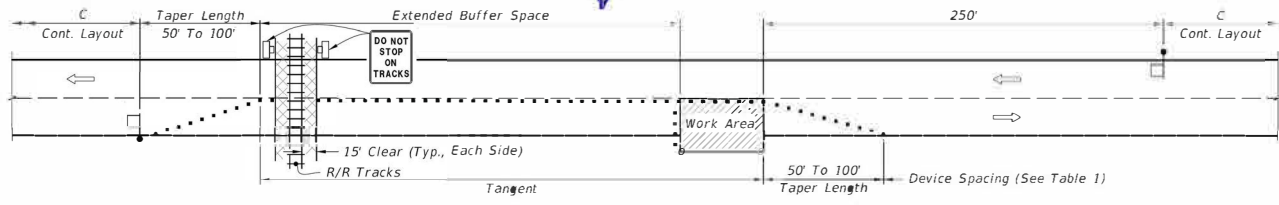
TEMPORARY RAISED RUMBLE STRIPS

EXAMPLE

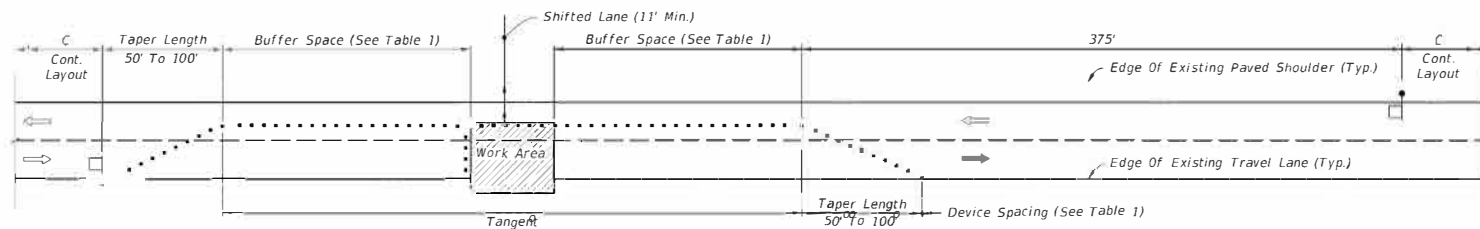
12/26/2020 12:36:43 PM

<p>LAST REVISION 11/01/17</p>	<p>DESCRIPTION:</p>	<p> FY 2020-21 STANDARD PLANS</p>	<p>TWO-LANE, TWO-WAY, WORK WITHIN THE TRAVEL WAY</p>	<p>INDEX 102-603</p>	<p>SHEET 2 of 3</p>
-----------------------------------	---------------------	--	--	--------------------------	-------------------------

Hawaiian Ct.



TEMPORARY RAILROAD CROSSING BUFFER SPACE EXTENSION




TEMPORARY LANE SHIFT TO SHOULDER WHEN WORK AREA ENCROACHES ON THE CENTERLINE

SPECIAL CONDITIONS

Cross Reference:
1. See General Note 1, Sheet 1 for more information.

EXAMPLE

2/26/2020 12:36:44 PM

LAST REVISION 11/01/17	DESCRIPTION:	 FY 2020-21 STANDARD PLANS	TWO-LANE, TWO-WAY, WORK WITHIN THE TRAVEL WAY	INDEX 102-603	SHEET 3 of 3
---------------------------	--------------	--	--	------------------	-----------------

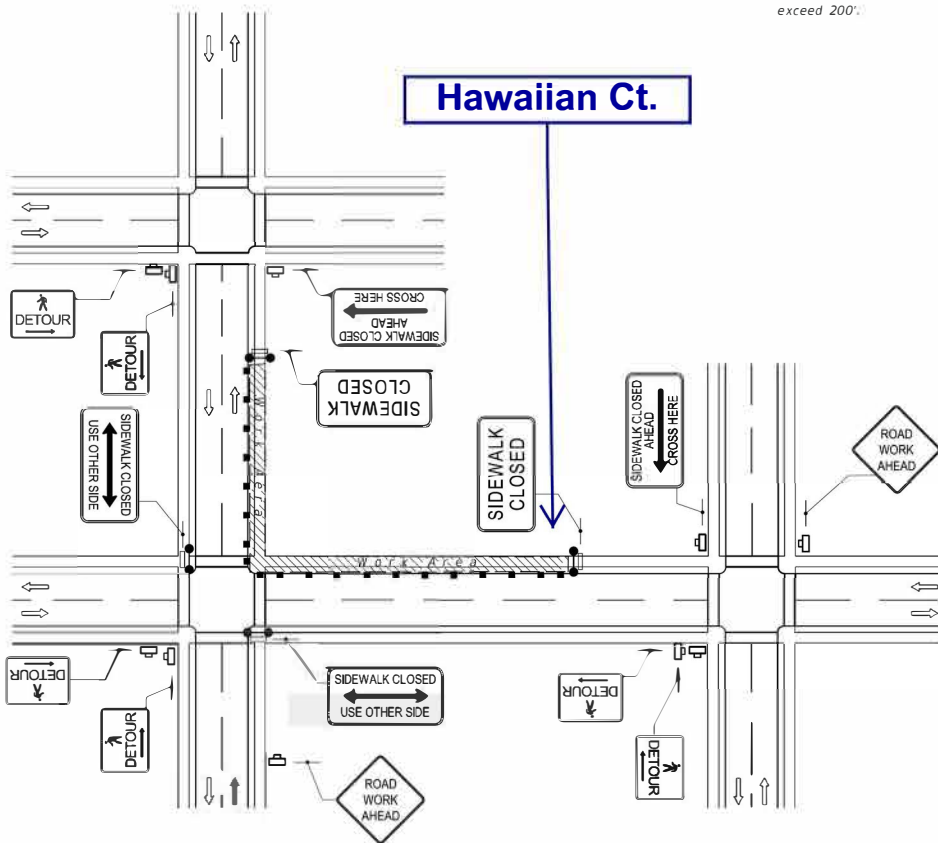
SPECIAL CONDITIONS

SYMBOLS

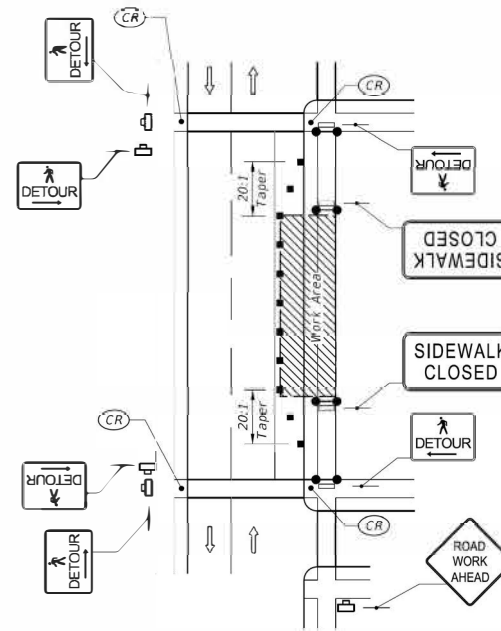
-  Work Area
-  Channelizing Device
-  Work Zone Sign
-  Required Locations For Either Temporary Or Permanent Curb Ramps.
-  Lane Identification + Direction of Traffic
-  Pedestrian Longitudinal Channelizing Device (LCD) with Mounted Work Zone Sign or separate Work Zone Sign
-  Pedestrian Longitudinal Channelizing Device (LCD)
-  Temporary Sidewalk

GENERAL NOTES:

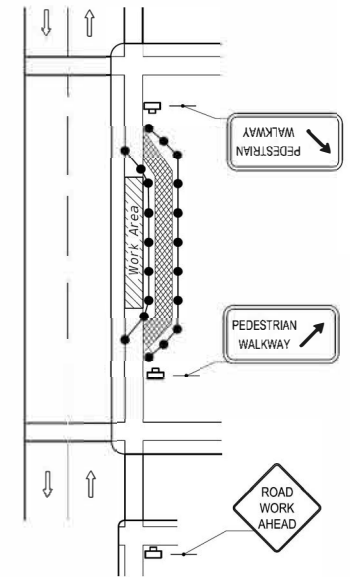
1. When encroaching work requires a sidewalk closure for 60 minutes or greater, provide an alternate pedestrian route.
2. For spacing of vehicular Channelizing Devices, see applicable vehicular temporary traffic control Indexes.
3. Cover or deactivate pedestrian traffic signal display(s) controlling closed crosswalks.
4. For post mounted signs located near or adjacent to a sidewalk, maintain a minimum 7' clearance from the bottom of the sign panel to the surface of the sidewalk.
5. Provide a 5' wide temporary walkway, except where space restrictions warrant a minimum width of 4'. Provide a 5' x 5' passing space for temporary walkways less than 5' in width at intervals not to exceed 200'.
6. Provide a cross-slope with a maximum value of 0.02 for all temporary walkways.
7. Maintain temporary walkway surfaces and ramps that are stable, firm, slip-resistant, and free of any obstructions or hazards such as holes, debris, mud, construction equipment, and stored material.
8. Remove temporary walkways immediately after reopening of the sidewalk, unless otherwise noted in the plans.
9. Meet the requirements of Index 522-002 for temporary curb ramps.
10. Place pedestrian longitudinal channelizing device(s) across the full width of the closed sidewalk. For temporary walkways, similar to the Sidewalk Diversion, place LCDs to delineate both sides of the temporary walkway.
11. For sidewalk diversions, ensure that there is sufficient R/W for placement of temporary sidewalk and pedestrian longitudinal channelizing devices.



CROSSWALK CLOSURE AND PEDESTRIAN DETOUR




SIDEWALK DETOUR



SIDEWALK DIVERSION

EXAMPLE

2/26/2020 12:48:24 PM

LAST REVISION 11/01/17	DESCRIPTION:	 FY 2020-21 STANDARD PLANS	PEDESTRIAN CONTROL FOR CLOSURE OF SIDEWALKS	INDEX 102-660	SHEET 1 of 1
---------------------------	--------------	--	---	------------------	-----------------