

INCIDENT ACTION PLAN

BTU LIGHTNING COMPLEX INCIDENT

CA-BTU-009692

MASTER IAP

Tuesday



OPERATIONAL PERIOD



8/25/2020 0700
to
8/26/2020 0700



INCIDENT OBJECTIVES (ICS 202)

1. Incident Name: BTU Lightning Complex	2. Operational Period:	Date From: 8/25/2020	Date To: 8/26/2020
		Time From: 0700	Time To: 0700

3. Objective(s):

- Management Objectives**
- Provide for and maintain public and first responder safety by utilizing the incident safety analysis process
 - Ensure COVID-19 precautions and best practices are met at all times.
 - Protect the commercial timberland, historical and cultural assets within the affected area, infrastructure, improvements, and watersheds
 - All management actions and efforts will be focused on serving, safeguarding, and protecting the citizens of Butte, Glenn and Tehama Counties
 - Ensure coordinated, timely and accurate release of public information
 - Be financially responsible for all management and fire suppression tactics

Control Objectives

Butte Zone

- Branch I**
- Keep fire North of Powellton.
 - Keep fire East of Hwy. 32.
 - Keep fire South of Butte Meadows.
 - Keep fire West of Bald Mtn.

- Branch X**
- Keep the fire in the current fire perimeter

Tehama / Glenn Zone

- Keep fire North of Black Mountain Road
- Keep fire East of Black Rock Mountain
- Keep fire South of Shasta County Line
- Keep fire West of Road 306/Lowery/Hess

General Situational Awareness:

- Steep and rugged terrain, critically dry and receptive fuel beds, active area for fire history and drought stressed trees.
- In the COVID-19 environment, high density populations or large groups are particularly at risk. To help protect yourself, your family and to ensure all employees return home safely, make sure to practice social distancing.
- Enhanced hygiene (especially handwashing), PPE & monitoring practices help limit the infection rate of first responders.

5. Site Safety Plan Required? Yes No

Approved Site Safety Plan(s) Located at:

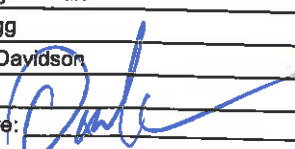
6. Incident Action Plan

- | | | | |
|---|--|--|---|
| <input checked="" type="checkbox"/> ICS 203 | <input checked="" type="checkbox"/> ICS 215A | <input type="checkbox"/> ICS 205 A | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> ICS 204 | <input checked="" type="checkbox"/> ICS 220 | <input checked="" type="checkbox"/> Training Message | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> ICS 205 | <input checked="" type="checkbox"/> Facility Maps | <input checked="" type="checkbox"/> Travel Map | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> ICS 206 | <input checked="" type="checkbox"/> Weather Forecast | <input checked="" type="checkbox"/> Demob Plan | <input checked="" type="checkbox"/> County Health Message |
| <input checked="" type="checkbox"/> ICS 208 | <input checked="" type="checkbox"/> Fire Behavior | <input checked="" type="checkbox"/> Finance Message | <input checked="" type="checkbox"/> ICS 214 |

7. Prepared By: David Shy **Position/Title:** PSC **Signature:**

8. Approved by Incident Commander: Dave Russell **Signature:**

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name: BTU Lightning Complex		2. Operational Period: Date From: 8/25/2020 Time From: 0700		Date To: 8/26/2020 Time To: 0700	
3. Incident Commander(s) and Command Staff:			7. Operation Section:		
IC/UC's	Dave Russell, Steve Clark	Operations	Shane Lauderdale (Day), Jeremi Roesler (T)		
Deputy	Eddy Moore, Darryl Laws (T), Matt Chamblin (T)	Deputy Operations	Smith, Hudson (Tehama), Sjolund (Butte), Brown (Glenn)		
Safety Officer	Doug Ferro, Brent Stangland	Night Ops			
Information Officer	Steve Kaufmann, Chris Harvey (T)	Staging Area			
Liaison Officer	Dave Pender, Ron Karlen (T)				
LELO	Josh Allen, LT. Anthony Bertain	Zone	BUTTE	Barrett Sjolund	
4. Agency/Organization Representatives:			Branch	I	Jason Dyer
Agency/Organization	Name	Division/Group	AA	Tim Cassone	
CAL OES	Pat Titus	Division/Group	WW	Chris Markey	
Butte Co Sheriff	Korey Honea	Division/Group			
Glenn Co Sheriff	Richard Warren	Division/Group			
Shasta Co Sheriff	Eric Magrini	Division/Group			
Tehama Co Sheriff	Dave Hencratt	Division/Group			
California State Parks	Aaron Wright	Branch	V		
CDCR	Ben Ingwerson	Division/Group	DD	Jason Finney	
CAL Trans	Chris Boone	Division/Group	FF	Jeff Edson	
Butte Co OES	Cindy Dunsmoor	Division/Group	HH		
Tehama Co OES	Andy Houghtby	Division/Group	PP	J. Ciellan (ENG 2170)	
Glenn Co OES	Amy Travis	Division/Group	SS	J. Hawkins (ENG 2168)	
Shasta Co OES	Rob Sandbloom	Division/Group			
BLM	Jeremy Strait	Division/Group			
PNF	Aaron Grove	Division/Group			
LNF	Deb Bumpus	Division/Group			
MNF	Ann Carlson	Branch	X		
		Division/Group	GG	Frank Zarati (CNR T/F 2)	
5. Planning Section:			Division/Group		
Chief	Chris Burch	Branch	CONTINGENCY (BTU)	*Michael Conaty	
Deputy	David Shy	Division/Group			
Resource Unit	Gwyndolyn Ozard, Coby Dyche, Brian Torosian (T), Nochella Funes (T), Travis Rye (T)	Division/Group			
Situation Unit	Denny O'Neil, Ed Tumbleson	Division/Group			
Documentation Unit	Allison Liang	Division/Group			
Demobilization Unit	Chris Lynch	Division/Group			
GISS	Daniel Dresselhaus	Division/Group			
FBAN	Jonathan Pangburn	Division/Group			
IMET	Jim Wallman	Division/Group			
Training Tech. Spec	Dennis Martin	Air Operations Branch		Director: Greg Bradshaw	
Crew Tech. Spec		Air Support Group Supervisor			
Hired Equip Tech Spec	Tim Bingham	Air Tactical Group Supervisor			
6. Logistics Section			Helibase Manager Ray Gomez		
Chief	Matt Reich	8. Finance/Administration Section:			
Deputy	Mathew Brandt	Chief	Mara Zaver		
Supply Unit	Shawn Burris	Deputy	Rob Jenkins		
Facilities Unit	Travis Heard, Jason Wilson (T)	Time Unit	Greg Tunzi		
Ground Support Unit	Conor Stapleton	Procurement Unit	Courtney Arebalo		
Communications Unit	Mike Heyfron	Comp/Claims Unit	Joe Flagg		
Medical Unit	Steve McGary, Leif Juliusen (T)	Cost Unit	Angela Davidson		
Motel Specialist	Dawn Muschetto				
Prepared By: Name: David Shy		Position/Title: PSC		Signature: 	
ICS 203		Date/Time: 8/24/2020 2300 hours			

Fire and COVID-19 Briefing Checklist

Self-Awareness / Screening

- Immediately separate yourself from others.
- Notify supervisor if you or others experience:
 - Cough, more than expected
 - Shortness of breath or difficulty breathing
 - New loss of taste or smell
 - Fever
 - Chills
 - Sore throat
 - Muscle pain
- Review and follow crew and division plans to isolate, triage, and transport symptomatic personnel.

Hygiene on the Fireline

- Properly wash or sanitize your hands often, especially before and after eating or entering a public place, and after coughing or sneezing.
- Avoid handshakes and communal use items.
- Maintain a supply of hand sanitizer and hand wipes. Inform supervisor of needed resupply.
- Disinfect high touch surfaces often:
 - Radios, phones, doors, pumps, fuel cans, etc.

Social Distancing and Protective Equipment

- Initiate, practice, and remind others of social distancing.
- Conduct briefings and conversations outdoors and at least 6 feet apart.
- Utilize face coverings as a tool when practical.
- Clean or replace dirty face coverings, equipment, and PPE.

Communications

- Face coverings and social distancing complicate communications.
Ensure effective sender/receiver messaging.

Protect yourself, your crew, and your camp!


Find more information: <https://www.nwccg.gov/coronavirus>.



Fire Weather Forecast – Butte-Tehama-Glenn Lightning 2020



FORECAST NO: 6
PREDICTION FOR: Sunday-Sunday night.
SHIFT DATE: 08/25-26/2020 0700-0700
TIME AND DATE
FORECAST ISSUED: 08/24/2020 2000

ZONE: Butte
SHIFT
SIGNED: 
UNIT: CA-BTU
Incident Meteorologist

DISCUSSION: A quieter pattern will take shape the next few days with cooler temperatures and higher RH. Winds will continue to be slope driven, but be a little lighter during the day with some stronger downslope winds at night. Humidity recovery will be fair to moderate tonight and Wednesday night.

WEATHER FORECAST (TODAY)

WEATHER: Mostly sunny with smoke hanging in the drainages.
MAX TEMP: 1500 feet: 87-91 4000 feet: 80-84 **LAL:** 1
MIN RH: 24-29% all elevations **CHC WTG RAIN:** 0%
WIND: Downslope 3-6 mph becoming southwest 4 to 8 mph with gusts to 15 mph by 1200.
(20 FOOT)
MIXING HEIGHT: 500 feet rising to 5000 feet around 1300.
TRANSPORT WIND: Becoming southwest around 15 mph.
VISIBILITY: 2-4 miles increasing to 6-10 miles on ridges by 1200.

FORECAST (TONIGHT):

WEATHER: Clear with smoke in the drainages.
MIN TEMP: 1500 feet: 65-70 4000 feet: 59-65 **LAL:** 1
MAX RH: 1500 feet: 44-49% 4000 feet: 50-55% **CHC WTG RAIN:** 0%
WIND: 1500 feet: Southwest 3-6 mph becoming downslope/northeast 3-6 mph by 2300.
(20 FOOT) 4000 feet/Canyons: Southwest 3-6 mph becoming downslope/northeast 5-10 mph with gusts to 18 mph by 2300.
MIXING HEIGHT: Falling to 300 feet by midnight.
TRANSPORT WIND: Southwest to 10 mph then northeast to 5 mph after 2300.

OUTLOOK (WEDNESDAY/WEDNESDAY NIGHT): Mostly sunny. Highs 82-90 and lows 61-68. Min RH 23-30% and Max RH 44-50%. Winds southwest 4-8 mph with gusts to 15 mph in the late morning and afternoon and downslope from evening until morning.

OBSERVATIONS MONDAY (8/24/2020) – Winds are afternoon conditions):

Cohasset (1730 ft): MAX TEMP: 92. MIN RH: 22%. Winds SSW 4-7 mph with gusts to 16 mph.

IRAWS 27 China Peak (3433 ft): MAX TEMP: 87. MIN RH: 28%. Winds WSW 3-5 mph with gusts to 10 mph.

IRAWS 22 Humboldt Rd (4358 ft): MAX TEMP: 86. MIN RH: 27%. Winds SW 3-5 mph gusts 12 mph.

Jarbo Gap (2535 ft): MAX TEMP: 90. MIN RH 28%. Winds SW 4-9 with gusts to 15 mph.

← **SubmitWx/Fire Observations**

Nearby RAWs Observations →






Fire Weather Forecast – Butte-Tehama-Glenn Lightning 2020



FORECAST NO: 6
PREDICTION FOR: Tuesday-Tuesday night
SHIFT DATE: 08/25-26/2020 0700-0700
TIME AND DATE
FORECAST ISSUED: 08/24/2020 2000

ZONE: Glenn
SHIFT
SIGNED: 
UNIT: CA-TGU
Jim Wallmann
Incident Meteorologist

DISCUSSION: Smoke will continue over the fires, keeping temperatures cooler and RH higher than they otherwise would be. Even so, temperatures will be cooler today as RH remains moderate along with the typical light upslope winds. Overnight, the downslope will be weaker due to the cooler temperatures expected during the day. Similar conditions are expected to continue Wednesday.

WEATHER FORECAST (TODAY)

WEATHER: Smoky.
MAX TEMP: 1000 feet: 86-92 3000 feet: 80-84 **LAL:** 1
MIN RH: 21-27% all elevations **CHC WTG RAIN:** 0%
WIND: West to 3 mph becoming east to southeast 4-8 mph with gusts to 12 mph by 1000.
(20 FOOT)
MIXING HEIGHT: 500 feet rising to 3000 feet around 1400.
TRANSPORT WIND: Southeast around 5 mph.
VISIBILITY: 1-3 miles.

FORECAST (TONIGHT):

WEATHER: Smoky.
MIN TEMP: 1000 feet: 67-71 **LAL:** 1
3000 feet: 62-67
MAX RH: 1000 feet: 37-41% **CHC WTG RAIN:** 0%
3000 feet: 42-48%
WIND: West 3-6 mph with gusts to 12 mph.
(20 FOOT)
MIXING HEIGHT: Falling to 200 feet by 2100.
TRANSPORT WIND: West to 5 mph.

OUTLOOK (WEDNESDAY/WEDNESDAY NIGHT): Smoky. Highs 84-90 and lows 64-70. Min RH 25-32% and Max RH 44-52%. Winds becoming east 3-6 mph with gusts to 12 mph in the morning then west 4-8 mph with gusts to 14 mph in the evening.

OBSERVATIONS MONDAY (8/24/2020) – Winds are afternoon conditions:

Eagle Peak (3713 ft): MAX TEMP: 83. MIN RH: 28%. Winds SSE 3 to 5 mph with gusts to 11 mph.
Thomes Creek (1029 ft): MAX TEMP: 95. MIN RH: 19%. Winds W 4 to 7 mph with gusts to 11 mph.

IRAWS26 Ball Rock (1140 ft): MAX TEMP: 95. MIN RH 18%. Winds WSW 3-5 with gusts 12 mph.

← **SubmitWx/Fire Observations**

Nearby RAWS Observations →






Fire Weather Forecast – Butte-Tehama-Glenn Lightning 2020



FORECAST NO: 6
PREDICTION FOR: Tuesday-Tuesday night.
SHIFT DATE: 08/25-26/2020 0700-0700
TIME AND DATE
FORECAST ISSUED: 08/24/2020 2000

ZONE: Tehama
SHIFT
SIGNED: 
UNIT: CA-TGU
Jim Wallmann
Incident Meteorologist

DISCUSSION: Smoke will continue over the fires, keeping temperatures cooler and RH higher than they otherwise would be. With the more moderate temperatures from smoke and the overall pattern, the upslope winds will remain light. Overnight, the downslope winds will also be weaker due to the cooler temperatures expected during the day. Similar conditions are expected to continue Wednesday.

WEATHER FORECAST (TODAY)

WEATHER: Smoky.

MAX TEMP: 1000 feet: 84-89 3000 feet: 77-82 **LAL:** 1

MIN RH: 1000 feet: 21-25% 3000 feet: 26-30% **CHC WTG RAIN:** 0%

WIND: West 4-8 mph becoming east 3-6 mph with gusts to 10 mph by 1100,
(20 FOOT)

MIXING HEIGHT: 500 feet rising to 2000 feet around 1400.

TRANSPORT WIND: Becoming southeast around 5 mph by 1100.

VISIBILITY: 1-3 miles except parts of the Elkhorn fire will be 3-6 miles.

FORECAST (TONIGHT):

WEATHER: Smoky.

MIN TEMP: 1000 feet: 64-69 3000 feet: 60-64 **LAL:** 1

MAX RH: 1000 feet: 37-41% 3000 feet: 42-47% **CHC WTG RAIN:** 0%

WIND: West to northwest 5-10 mph with gusts to 18 mph.
(20 FOOT)

MIXING HEIGHT: Falling to 200 feet by 2100.

TRANSPORT WIND: West 5-10 mph.

OUTLOOK (WEDNESDAY/WEDNESDAY NIGHT): Smoky with highs 80-88 and lows 61-68. Min RH 22-30% and Max RH 41-49%. Winds becoming east 3-6 mph with gusts to 12 mph by late morning then west 5-10 mph with gusts to 16 mph in the evening.

OBSERVATIONS MONDAY (8/24/2020) – Winds are afternoon conditions:

IRAWS23 White Oak (1700 ft): MAX TEMP: 91. MIN RH: 18%. Winds SE 1 to 4 mph with gusts to 8 mph.

Pattymocus (3772ft): MAX TEMP: 86. MIN RH: 21%. Winds SW 2 to 4 mph with gusts to 9 mph.



IRAWS26 Ball Rock (1147 ft): MAX TEMP: 95. MIN RH: 18%. Winds WSW 3 to 5 mph with gusts to 12 mph.

IRAWS25 Salt Creek (el. 990 ft): MAX TEMP: 92 MIN RH 17%. Winds 1-4 mph.



← SubmitWx/Fire Observations

Nearby RAWS Observations →

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 7	TYPE OF FIRE: Wildland Fire
FIRE NAME: BTU/TGU Lightning Complex	OPERATIONAL PERIOD: 24hr 8/25 (0700-0700)
DATE ISSUED: 8/24/2020	TIME ISSUED: 1900
UNIT: BTU	SIGNED: Jonathan Pangburn, FBAN

INPUTS

WEATHER SUMMARY ****MODERATED, HIGHER RH, LIGHTER WIND****
See Weather Forecast in IAP.

OUTPUTS

GENERAL: **BUTTE ZONE**
1,000-hr dead fuel moisture at 90th percentile. Severe Drought conditions. Brush live fuel moisture at critical. Limited growth under smoke cover.

In the absence of weather conditions outside the forecast or extreme fire behavior conditions expect:

	Max. Flame Length	Max. Rate of Spread	Spotting	Probability of Ignition
Grass	< 5' (1.5 m)	40 ch/hr (0.8 km/hr)	< 1/3 mile (.5 km)	50%
Grass/Shrub Mix	< 6' (1.8 m)	30 ch/hr (0.6 km/hr)	< 1/3 mile (.5 km)	50%
Shrub	< 5' (1.5 m)	10 ch/hr (0.2 km/hr)	< 1/3 mile (.5 km)	50%
Timber Understory	< 8' (2.4 m)	15 ch/hr (0.3 km/hr)	< 1/3 mile (.5 km)	50%
Timber Litter	< 3' (0.9 m)	5 ch/hr (0.1 km/hr)	< 1/3 mile (.5 km)	50%

****minimum safety zone size is 1/4-acre (0.1 Ha) for a Strike Team of Engines.**

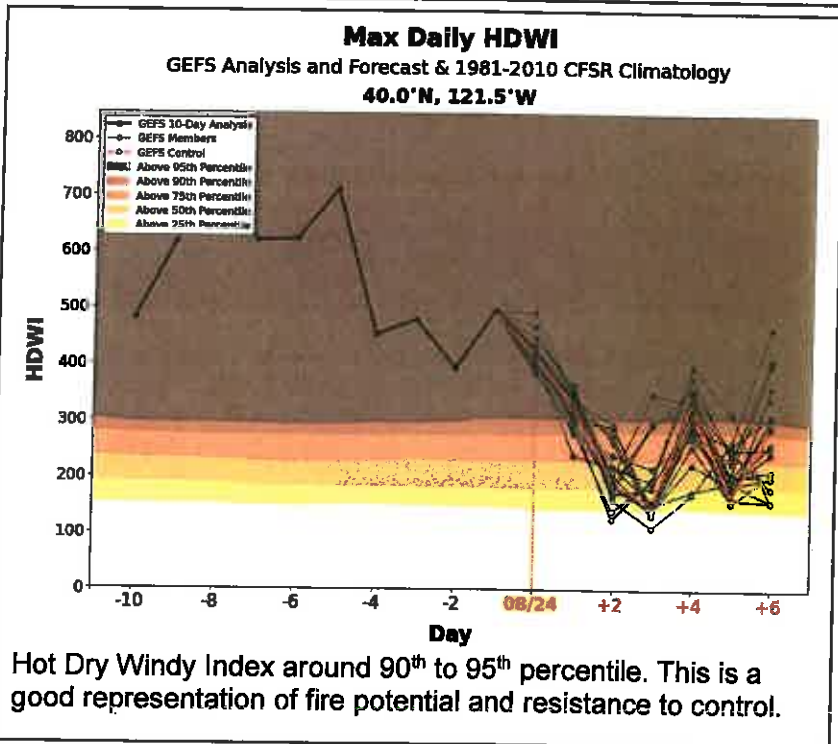
SPECIFIC:

Butte Creek & Big Chico Creek drainages will see wind channeling, and likely smoke cover. Expect swirling and eddying in creek drainages.

DIV AA / FF / PP: 1-7 & 1-12 resist control, with slow to moderate ROS in understory. Single tree and group torching is possible, especially with wind gusts. Flame lengths 3-8'.

Branch V / X: Minimal fire behavior observed, with potential for smoldering areas to pick up activity.

Nighttime clear air will continue to create **best burning conditions** ~2200-0300.



AIR OPERATIONS:

Smoky skies with afternoon increase in transport winds.

Mixing height: 5,000 ft. AGL. Transport winds: SW 15 mph, Sunrise 0628, Sunset 1949.

SAFETY

Watch out for rolling burning debris crossing firelines and starting fires below you!

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION/BASIC

1. Incident Name: BTU Lightning Complex	2. Operational Period: Date From: 08/25/20 Date To: 08/26/20 Time From: 0700 Time To: 0700	3. Branch Division I AA
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4. Operations Personnel:		Page 1 of 2 Alpha-Alpha
Operations Section Chief: Shane Lauderdale (Day), Jeremi Roesler (T)	Deputy Ops: Garrett Sjolund (Butte Zone)	
Branch Director: Jason Dyer	Branch Safety:	
Division/Group Supervisor: Tim Cassone	Air Attack:	

5. Resources Assigned:		** Resources Below in Bold are 12 Hour **					
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
ENG3 BTC 342			ANDERSON, T	4	E-155-BTU LIGHT	0700-1900	Carpenter Ridge
ENG BTU 2149- FUELS CREW T6			COLLIN, BRYANT	3		0700-0700	Carpenter Ridge
**STG AEU 9275G			DRUMMOND, HOWARD	69	C-3000-BTU LIGHT	0700-1900	Carpenter Ridge
DOZ PVT E-5 - DIAMOND			CRAIG	2	E-5-BTU LIGHT	0700-0700	Carpenter Ridge
DOZ PVT E-6 - GREG HUMPHERY				2	E-6-BTU LIGHT	0700-0700	Carpenter Ridge
DOZ PVT E-8 - MCGOWEN			MCGOWEN	2	E-8-BTU LIGHT	0700-0700	Carpenter Ridge
DOZ PVT E-11- TRG				2	E-11-POTTERS	0700-0700	Carpenter Ridge
DOZ PVT E-12- ACT FAST				2	E-12-POTTERS	0700-1900	Carpenter Ridge
DOZ PVT E-26 - ACT FAST				2	E-26-BTU LIGHT	0700-0700	Carpenter Ridge
DOZ PVT E-27 - BRAUN				2	E-27-BTU LIGHT	0700-0700	Carpenter Ridge
DOZ PVT E-29 - ERIC SPRATT			SPRATT, ERIK	2	E-29-BTU LIGHT	0700-0700	Carpenter Ridge
DOZ PVT E-30 - MELANIE			MOORE, SONNY JR	2	E-30-BTU LIGHT	0700-0700	Carpenter Ridge
DOZ PVT E-31 - SONNY			MOORE, SONNY	2	E-31-BTU LIGHT	0700-0700	Carpenter Ridge
W/T1 PVT E-17 - FORD				2	E-17-POTTERS	0700-0700	Carpenter Ridge
W/T1 PVT E-19 - BLACK				2	E-19-BTU LIGHT	0700-0700	Carpenter Ridge
W/T PVT E-82 HOLMES			NEWLAND, H	2	E-82-BTU LIGHT	0700-0700	Carpenter Ridge
MAST PVT E-1043 - WURLITZER			WURLITZER, GEORGE	1	E-1043-BTU LIGHT	0700-1900	Carpenter Ridge
MAST PVT E-1044- SLOWOW			LEE, NATALIE	1	E-1044-BTU LIGHT	0700-0700	Carpenter Ridge

6. Work Assignments:
Construct Indirect Line to Thatcher Ridge. Identify all fires with GPS location, fire size, handline needs, and percentage of containment. Mop up 100'. Cut and Improve Hand and Dozer Line where needed. Backhaul trash.
** Resources with ** identified to be available for Region IA Response.
ALL resources monitor BTU local.

***** BUTTE CMD CHANNEL is NO LONGER AVAILABLE *****
Use CDF CMD 1 with appropriate Tx Tone for your location within BUTTE ZONE-for correct repeater (see 205)

7. Special Instructions:
Limited designated Safety Officers and limited designated Line Medics. These positions are typically associated with team deployments however with resource draw down they are extremely limited.
Strike Team Leaders identify Safety Officer and Line Medic qualification and make them known to your Division Supervisor.
You're responsible for your own lookout, identify one and make it known.

8. Communications

Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C1	1	COMMAND	151.3550	103.5 (T8)	159.3000	131.8 (T3)	BLOOMER
CDF T24	7	TACTICAL	151.3325	192.8 (T16)	151.3325	192.8 (T16)	BRANCH I/X
CDF T18	14	AIR TO GROUND	159.3450	192.8 (T16)	159.3450	192.8 (T16)	**** AIR TO GROUND ****
CALCORD	15	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL COORDINATION
AIRGUARD	16	AIRGUARD	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY

9. Prepared by: Name:	Gwyndolyn Ozard	RESL	Signature:
ICS 204	Date/Time: 8/24/2020 2200		Personnel Count: 104

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION//BASIC

1. Incident Name: BTU Lightning Complex	2. Operational Period: Date From: 08/25/20 Date To: 08/26/20 Time From: 0700 Time To: 0700	3. Branch Division V DD
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4. Operations Personnel:		Page 1 of 1 Delta-Delta
Operations Section Chief: Shane Lauderdale (Day), Jeremi Roesler (T)		Deputy Ops: Garrett Sjolund (Butte Zone)
Branch Director:		Branch Safety:
Division/Group Supervisor: Jason Finney		Air Attack:

5. Resources Assigned:		** Resources Below in Bold are 12 Hour **					
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
SHU T/F 01 (3,3,3,3,CRW)			FORD, RANDY	30	E-52-BTU LIGHT	0700-1900	Inskip
STG TGU 9254G			JORGENSEN, DYLAN	33	C-1-BTU LIGHT	0700-1900	Inskip
STG LMU 9225H			MADSON, JOE	33	C-5-BTU LIGHT	0700-0700	Inskip
DOZ PVT E-7 - KITE SOLUTION				2	E-7-BTU LIGHT	0700-0700	Inskip
DOZ PVT E-28 - COTTONWOOD				2	E-28-BTU LIGHT	0700-0700	Inskip
DOZ PVT E-140 - WURLITZER				2	E-140-BTU LIGHT	0700-0700	Inskip
DOZ PVT E-141 - BUTTE 1			SIMS	2	E-141-BTU LIGHT	0700-0700	Inskip
W/T OES WT-31				2	E-126-BTU LIGHT	0700-1900	Inskip
W/T PVT E-13-PRODUMP				2	E-13-POTTERS	0700-0700	Inskip
W/T PVT E-14 - GARR				2	E-14-POTTERS	0700-0700	Inskip
W/T1 PVT E-25 - CONVERSE				2	E-25-BTU LIGHT	0700-0700	Inskip
FALM MATNEY			MATNEY	1	O-35-BTU LIGHT	0700-1900	Inskip
HEQB URRUTIA			URRUTIA, FELIX	1	O-4027-BTU LIGHT	0700-1900	Inskip
FEMP BOULWARE			BOULWARE, BRIAN T	1	O-4044-BTU LIGHT	0700-0700	Inskip
FEMP MORETTINI			MORETTINI, GABRIEL A	1	O-4045-BTU LIGHT	0700-0700	Inskip

6. Work Assignments:
 Hold Fire within established Control Lines. Conduct Direct Fire Attack.
 Back Haul Excess Trash/Hose/Water to STN 13 or any DP.

ALL resources monitor BTU local.

***** BUTTE CMD CHANNEL is NO LONGER AVAILABLE *****
 Use CDF CMD 1 with appropriate Tx Tone for your location within BUTTE ZONE-for correct repeater (see 205)

7. Special Instructions:
 Limited designated Safety Officers and limited designated Line Medics. These positions are typically associated with team deployments however with resource draw down they are extremely limited.
 Strike Team Leaders identify Safety Officer and Line Medic qualification and make them known to your Division Supervisor.
 You're responsible for your own lookout, identify one and make it known.

8. Communications		Use 205 Page 1 - BUTTE ZONE					
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C1	1	COMMAND	151.3550	103.5 (T8)	159.3000	131.8 (T3)	BLOOMER
CDF T32	10	TACTICAL	151.2425	192.8 (T16)	151.2425	192.8 (T16)	BRACH V
CDF T18	14	AIR TO GROUND	159.3450	192.8 (T16)	159.3450	192.8 (T16)	**** AIR TO GROUND ****
CALCORD	15	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL COORDINATION
AIRGUARD	16	AIRGUARD	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY

9. Prepared by: Name: Gwyndolyn Ozard RESL

Signature:

ICS 204 Date/Time: 8/24/2020 2200 Personnel Count: 116

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION/BASIC

1. Incident Name: BTU Lightning Complex	2. Operational Period: Date From: 08/25/20 Date To: 08/26/20 Time From: 0700 Time To: 0700	3. Branch Division XX / XXV BB/CC/TT
4. Operations Personnel:		Page 1 of 1

Operations Section Chief: Shane Lauderdale (Day), Jeremi Roesler (T)	Deputy Ops: Mark Brown (Glenn Zone)
Branch Director: Ethan Darnell	Branch Safety:
Division/Group Supervisor: Todd Horton, Joey Howard	Air Attack:

5. Resources Assigned:		** Resources Below in Bold are 12 Hour **					
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
CNR T/F 05 (6,6,6,6,6)			THOMAS, TROY	16	E-46-TGU BAT 4	0700-0700	DP25
ENG TGU 2554			BERNARDINO, GABE	3	E-8-TGU BAT 4	0700-0700	DP25
CRW VALLEY VIEW 1			GILL, TYLER	13	C-3-TGU BAT 4	0700-0700	DP25
CRW SALT CREEK 4			WONG, WHITNEY	13	C-2-TGU BAT 4	0700-0700	DP25
CRW1+						0700-0700	DP25
DOZ TGU 2544			WILBANKS, CLIFF	2	E-33-TGU BAT 4	0700-0700	DP25
DOZ PVT E-22 - Tehama 3				2	E-22	0700-0700	DP25
DOZ PVT E-34 - MILLER			MILLER, HAROLD	2	E-34-TGU BAT 4	0700-0700	DP25
DOZ PVT E-2009 - MILLSAPS			MILLSAPS, MICHAEL	2	E-2009-BTU LIGHT	0700-0700	DP25
DOZ+						0700-0700	DP25
HEQB BUDDEN			BUDDEN, DAVID	1	D-34003-BTU LIGHT	0700-0700	DP25

6. Work Assignments:
 Fall hazard trees, and trees that threaten control lines, to mitigate the threat of fire escaping, while maintaining personnel safety.
 Hold Fire within established Control Lines.
 Hold and Improve Control Lines to mitigate threat of fire escaping.
 Mop up 100' interior to eliminate threat to the fire line.

 ALL resources monitor TGU local.

7. Special Instructions:
 No designated Safety Officers and no designated Line Medics. These positions are typically associated with team deployments however with resource draw down they are unavailable.
 Strike Team Leaders identify Safety Officer and Line Medic qualification and make them known to your Division Supervisor.
 You're responsible for your own lookout, identify one and make it known.

8. Communications	Use 205 Page 3 - GLENN ZONE						
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C7 T1	1	COMMAND	151.4600	103.5 (T8)	159.3900	110.9 (T1)	TURNER MTN
CDF T28	4	TACTICAL	151.1825	192.8 (T16)	151.1825	192.8 (T16)	BRANCH XXX/XXXV
CALCORD	15	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL CORDINATION
CDF T15	14	AIR TO GROUND	159.2700	192.8 (T16)	159.2700	192.8 (T16)	**** AIR TO GROUND****
AIRGUARD	16	AIRGUARD	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY

9. Prepared by: Name: Gwyndolyn Ozard RESL

Signature:

ICS 204 Date/Time: 8/24/2020 2200 Personnel Count: 54

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION/BASIC

1. Incident Name: BTU Lightning Complex	2. Operational Period: Date From: 08/25/20 Date To: 08/26/20 Time From: 0700 Time To: 0700	3. Branch Division XX / XXV WW
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4. Operations Personnel:		Page 1 of 2 Whiskey-Whiskey
Operations Section Chief: Shane Lauderdale (Day), Jeremi Roesler (T)	Deputy Ops: Mark Brown (Glenn Zone)	
Branch Director: Ethan Darnell	Branch Safety:	
Division/Group Supervisor: Luke Stacher, Ryan Ellis (T)	Air Attack:	

5. Resources Assigned:	** Resources Below in Bold are 12 Hour **							
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location	
T/F+						0700-0700	DP25	
ENG3 TGU 2574			HAMILTON, SEAN	3	E-10-TGU BAT 4	0700-0700	DP25	
ENG3 OES 5105			NATTRESS, ALEX	4	E-13-TGU BAT 4	0700-0700	DP25	
ENG3 GCF 305			GIESBRECHT, STEVE	4	E-18-TGU BAT 4	0700-0700	DP25	
ENG3+						0700-0700	DP25	
STG+						0700-0700	DP25	
STG+						0700-0700	DP25	
STG+						0700-0700	DP25	
STG+						0700-0700	DP25	
CRW VALLEY VIEW 5			PAMATZ, FAUSTINO	13	C-4-TGU BAT 4	0700-0700	DP25	
CRW1+						0700-0700	DP25	
DOZ PVT E-21 - Tehama 2				2	E-21	0700-0700	DP25	
DOZ PVT E-40-OBRIEN					E-40-TGU BATT 4	0700-0700	DP25	
DOZ+						0700-0700	DP25	
DOZ+						0700-0700	DP25	
DOZ+						0700-0700	DP25	
W/T PVT E-32 - TURRI			DEMO, CHRIS	2	E-32-TGU BAT 4	0700-0700	DP25	
W/T2 PVT E-42 - M & C			CANTER, JOHN	1	E-42-TGU BAT 4	0700-1900	DP25	

6. Work Assignments:
Construct Direct Line and Cold Trail from Toomes Camp Road to Eagle Rock.
Fall hazard trees and trees that threaten control lines, to mitigate the threat of fire escaping, while maintaining personnel safety.

ALL resources monitor TGU local.

7. Special Instructions:
No designated Safety Officers and no designated Line Medics. These positions are typically associated with team deployments however with resource draw down they are unavailable.
Strike Team Leaders identify Safety Officer and Line Medic qualification and make them known to your Division Supervisor.
You're responsible for your own lookout, identify one and make it known.

8. Communications	Use 205 Page 1 - BUTTE ZONE						
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C7	1	COMMAND	151.4600	103.5 (T8)	159.3900	110.9 (T1)	BLOOMER
CDF T29	8	TACTICAL	151.3475	192.8 (T16)	151.3475	192.8 (T16)	BRANCH I
CDF T15	14	AIR TO GROUND	159.2700	192.8 (T16)	159.2700	192.8 (T16)	**** AIR TO GROUND ****
CALCORD	15	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL COORDINATION
AIRGUARD	16	AIRGUARD	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY

9. Prepared by: Name: Gwyndolyn Ozard RESL Signature:

ICS 204 Date/Time: 8/24/2020 2200 Personnel Count: 29

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION/BASIC

1. Incident Name: BTU Lightning Complex	2. Operational Period: Date From: 08/25/20 Date To: 08/26/20 Time From: 0700 Time To: 0700	3. Branch Division XXX A
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4. Operations Personnel:		Page 1 of 2 Alpha
Operations Section Chief: Shane Lauderdale (Day), Jeremi Roesler (T)	Deputy Ops: M. Smith (Day) / J. Hudson (Night) (Tehama Zone)	
Branch Director: Gerry Magana	Branch Safety:	
Division/Group Supervisor: Glen Tingley, Kevin Osborne (T)	Air Attack:	

5. Resources Assigned:		** Resources Below in Bold are 12 Hour **					
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
T/F UTAH 1 (3,3,3,6)			WIDDISON, ANTHONY	17	E-20012-BTU LIGHT	1900-0700	DP-31
ENG3 TGU 2584			MARRIOTT, ERIC	3	E-11-TGU BAT 4	0700-0700	DP-31
ENG ORL 31			MCDERMH, JOHN	3	E-49-TGU BAT 4	0700-1900	DP-31
ENG3 ORL 35			PARKENSON, BEN	4	E-16-TGU BAT 4	0700-1900	DP-31
ENG TGC 210						0700-1900	DP-31
ENG3 SHF 331			CARMAN, BRIAN	3	SHF LIGHT	0700-1900	DP-31
CRW1 TGU CREW 1			DARNALL, KRISTOPHER	16	C-2-TGU BAT 3	0700-1900	DP-31
CRW1 TGU CREW2			NEIL, CHRISTOPHER	13	C-23002	0700-1900	DP-31
CRW1+						0700-0700	DP-31
CRW1+						0700-0700	DP-31
CRW1+						0700-0700	DP-31
DOZ SHF DOZ-79			GRAHAM	2	SHF LIGHT	0700-1900	DP-31
DOZ PVT E-35 - STANFIELD			STANFIELD, DON	2	E-35-TGU BAT 4	0700-0700	DP-31
DOZ PVT E-36 - VORIS				2	E-36-TGU BAT 4	0700-0700	DP-31
DOZ2 PVT E-58 PACIFIC RIDGE				2	E-58-SHF LIGHT	0700-1900	DP-31
DOZ2 PVT E-92 - NORTHWESTER				2	E-92-SHF LIGHT	0700-1900	DP-31
DOZ+						0700-0700	DP-31
W/T PVT E-7			MAIN, DAVE	1	E-7 TGU BAT 3	0700-1900	DP-31

6. Work Assignments:
Construct Direct and Contingency Lines where appropriate. Perform Tactical Patrol around structures for the potential of new starts. Mop up 100' around structures to prevent structure damage, and alleviate citizen concerns.

ALL resources monitor TGU local.

7. Special Instructions:
No designated Safety Officers and no designated Line Medics. These positions are typically associated with team deployments however with resource draw down they are unavailable.
Strike Team Leaders identify Safety Officer and Line Medic qualification and make them known to your Division Supervisor.
You're responsible for your own lookout, identify one and make it known.

8. Communications		Use 205 Page 2 - TEHAMA ZONE					
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C7 T1	1	COMMAND	151.4600	103.5 (T8)	159.3900	110.9 (T1)	TURNER MTN
VFIRE 21	9	TACTICAL	154.2800	156.7 (T6)	154.2800	156.7 (T6)	BRANCH XXX
CALCORD	15	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL CORDINATION
CDF T15	14	AIR TO GROUND	159.2700	192.8 (T16)	159.2700	192.8 (T16)	**** AIR TO GROUND****
AIRGUARD	16	AIRGUARD	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY

9. Prepared by: Name: Gwyndolyn Ozard RESL

Signature:

ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED
INFORMATION//BASIC

1. Incident Name: BTU Lightning Complex	2. Operational Period: Date From: 08/25/20 Date To: 08/26/20 Time From: 0700 Time To: 0700	3. Branch Division XXXVI X
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4. Operations Personnel:		Page 1 of 2 X-ray
Operations Section Chief: Shane Lauderdale (Day), Jeremi Roesler (T)	Deputy Ops: M. Smith (Day) / J. Hudson (Night) (Tehama Zone)	
Branch Director: Tim Perkins	Branch Safety:	
Division/Group Supervisor: Matt Brown	Air Attack:	

5. Resources Assigned:		** Resources Below in Bold are 12 Hour **					
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
T/F UTAH 2 (6,6,6,6)			CATHER, DAN	14	E-20013-BTU LIGHT	1900-0700	RED BANK FIRE STATION
ENG3 TGU 2553			BUTLER, DAVE	3	E-4-TGU BAT 3	0700-0700	RED BANK FIRE STATION
ENG3 TGU 2571				3	E-8-TGU BAT 1	0700-1900	RED BANK FIRE STATION
ENG3 TGU 2588			SANCHEZ, JONATHAN	2		0700-1900	RED BANK FIRE STATION
ENG3 WLO 16			MONEK, NATE	4	E-15-TGU BAT 4	0700-1900	RED BANK FIRE STATION
CRW1 ISHI CREW 1			RUBI, JOE	15	E-23000-BTU LIGHT	0700-1900	RED BANK FIRE STATION
CRW VALLEY VIEW 6			REID	14	C-1-TGU BAT 4	0700-1900	RED BANK FIRE STATION
CRW1+						0700-0700	RED BANK FIRE STATION
CRW1+						0700-0700	RED BANK FIRE STATION
CRW1+						0700-0700	RED BANK FIRE STATION
DOZ PVT E-10 - DAVIS				2	E-10-TGU BAT 3	0700-0700	RED BANK FIRE STATION
DOZ2 PVT E-12 - INGRAM			ADAMS, NICK	2	E-12-TGU BAT 3	0700-0700	RED BANK FIRE STATION
DOZ PVT E-22 - CRANE MILLS				2	E-22-TGU BAT 3	0700-0700	RED BANK FIRE STATION
DOZ PVT E-22 - M & S			LINDAUER, MIKE	2	E-22-TGU BAT 4	0700-0700	RED BANK FIRE STATION
DOZ PVT E-30000-LAWRENCE			GROTEGUTH, L	2	E-30000-BTU LIGHT	0700-0700	RED BANK FIRE STATION
W/T1 PVT E-1023 - TOUGH CO			BASHAM, MARK	1	E-1023-BTU LIGHT	0700-1900	RED BANK FIRE STATION
W/T1 PVT E-1024 - RUTHERFORD			RUTHERFORD, TOM	2	E-1024-BTU LIGHT	0700-0700	RED BANK FIRE STATION
W/T2 PVT E-1026 - WELLS			WELLS, JEFF	2	E-1026-BTU LIGHT	0700-0700	RED BANK FIRE STATION

6. Work Assignments:
Construct Direct, Indirect, and Contingency Lines where appropriate.
Perform Tactical Patrol around structures.

ALL resources monitor TGU local.

7. Special Instructions:
No designated Safety Officers and no designated Line Medics. These positions are typically associated with team deployments however with resource draw down they are unavailable.
Strike Team Leaders identify Safety Officer and Line Medic qualification and make them known to your Division Supervisor.
You're responsible for your own lookout, identify one and make it known.

8. Communications		Use 205 Page 2 - TEHAMA ZONE					
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C7 T1	1	COMMAND	151.4600	103.5 (T8)	159.3900	110.9 (T1)	TURNER MTN
CDF T32	8	TACTICAL	151.2425	192.8 (T16)	151.2425	192.8 (T16)	BRANCH XXXVI
CALCORD	15	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL CORDINATION
CDF T15	14	AIR TO GROUND	159.2700	192.8 (T16)	159.2700	192.8 (T16)	**** AIR TO GROUND****
AIRGUARD	16	AIRGUARD	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY

9. Prepared by: Name: Gwyndolyn Ozard RESL

Signature:

ICS 204 Date/Time: 8/24/2020 2200 Personnel Count: 70



SAFETY MESSAGE

BTU/TGU Lightning Complex

August 25, 2020 0700-0700 CA-BTU-009692



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ACCOUNTABILITY

DYNAMIC RESOURCE UTILIZATION ACROSS, ZONES, BRANCHES AND DIVISIONS

Watch Out - Don't assume all resources are familiar with local firefighting processes

- Working with and relying on hired equipment
- Multiple fires in a small geographic area
- Not familiar with roads, terrain and local conditions affecting fire behavior

Mitigation - Maintain communication with those you supervise

- Line supervisors perform routine accountability checks on all resources assigned to you
- Remain vigilant, know your maps and ingress and egress routes
- Line Supervisors make sure everyone on the fireline gets a briefing down to the lowest level, including hired equipment operators coming in for night shift

TOPOGRAPHY

STEEP TERRAIN TO WORK IN

Watch Out - Be on the lookout for topography driven fire conditions, loose rocks and boulders throughout the incident area

- Steep slopes may cause rolling material hazards
- This terrain will cause quick, unexpected upslope fire behavior
- Significant slip hazards exist throughout the incident

Mitigation - Maintain high level of situational awareness

- Post lookouts and monitor changes in fire behavior
- Watch out in areas with steep slopes and watch your footing
- Listen for rolling rocks and boulders and yell out, "ROCK" to others around you

DRIVING

DRIVING CONTRIBUTES TO ONE OF THE LEADING CAUSES OF FIREFIGHTER FATALITIES

Watch Out - Maintain a high level of situational awareness in all driving situations and while working near roadways "SLOW DOWN"

- Very narrow, steep roads exist throughout the fire area
- Some areas of the fire require long travel times
- Smoke conditions at times are compromising visibility

Mitigation - Drive with a high level of Situational Awareness and adjust driving techniques per your situation

- Don't "thread the needle". Don't take your vehicle where it doesn't belong
- Use spotters and back-up personnel in tight situations
- If you're feeling drowsy, don't drive, stop and rest, change drivers or contact ground support and request a relief driver

Each Safety Message is designed for a daily Tailgate Safety discussion

REMAIN FIRE FOCUSED AND COVID-19 AWARE

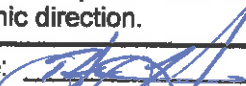

Brent Stangeland

IMT 4 SAFETY OFFICER



INCIDENT ACTION PLAN SAFETY ANALYSIS (ICS 215A)



1. Incident Name: BTU/TGU Lightning Complex		2. Incident Number: CA-BTU-009692	
3. Date/Time Prepared: Date: 08/24/2020 Time: 1700 hours		4. Operational Period: Date From: 08/25/2020 To: 08/26/2020 Time From: 0700 hours To: 0700 hours	
5. Incident Area	6. Hazards/Risks	7. Mitigations	
ALL	Accountability	Line supervisors perform routine accountability checks on all resources, everyone gets a briefing. Remain vigilant, to fire changes and make them known.	
ALL	Narrow roadways – extended distances to lodging; passing on undivided highways; slow moving truck traffic; low visibility from dust	Turn lights on, observe speed limits and expect vehicles opposing traffic. Plan for extended travel times.	
ALL	Dehydration / Rhabdomyolysis	With the long operational shifts and high humidity's, maintain your crews water and caloric intake regimen.	
ALL	Working around heavy equipment	Maintain eye-to-eye contact with the operator. Have fire suppression support when operating in dry fuels.	
ALL	Fatigue – physical and mental	Continually monitor your crew. Know the signs and symptoms of heat illness. Plan for a 2-1 Work Rest Work Cycle	
ALL	Steep, unstable terrain	Watch footing and maintain downhill tool placement. Be aware of loose material. Look for ash pits and stump holes.	
ALL	Unburned areas	LCES - utilize worst case scenario when working in or around pockets of unburned fuels.	
ALL	Hazardous Trees	IRPG Pg 22: Identify and Flag Hazardous Trees. Eliminate hazardous trees with qualified sawyers or heavy equipment.	
ALL	Personal Protective Equipment (PPE)	Wear appropriate PPE for all operations until your supervisor indicates its safe to remove.	
ALL	Highway 99/32 CAL TRANS Be aware of logging trucks working in the area	Drive slow through the construction areas. Expect delays along Hwy 99.	
ALL	COVID-19: Reduce exposure potential to yourself, your crew and the public	Wear a mask while in the ICP, while feeding and with the public, and when six feet of social distancing is difficult. Wash hands for at least 20-seconds.	
ALL	Helicopters - Water Drops and Turbulence	Post lookouts and make escape routes and safety zones know. LCES. Watch overhead for hazard trees and wind changes.	
Ground Support	Personnel and vehicles moving around one another in tight areas	Chock wheels. Use spotters and backers. Follow mechanic direction.	
8. Prepared by (Safety Officer):		Name: Brent Stangeland Signature: 	
Prepared by (Deputy Operations Section Chief):		Name: Shane Lauderdale Signature: 	
ICS 215A		Date/Time: 08.24.2020 1700 Hours	

AIR OPERATIONS SUMMARY ICS-220 BTU ZONE

Time Prepared				Date Prepared				Prepared By							
1800				Monday, August 24, 2020				Greg Bradshaw							
Shutdown 2024				Operational Period - Date Tuesday, August 25, 2020				Operational Period - Time 0700 - 0700							
Incident Name and Incident Number CA - BTU - Lighting Complex CA - BTU - 009892 Sunrise 0627 Cutoff 1924 Sunset 1954 General Remarks, Safety Notes, Hazards, Air Operations Special Equipment, etc. TRACK ALL DIPSITE LOCATIONS / NUMBER OF DIPS / GALLONS TAKEN. TRACK ALL DROP LOCATIONS / NUMBER OF DROPS / GALLONS DROPPED ALL GPS DATA TO BE COLLECTED IN DEGREES, MINUTES, DECIMAL MINUTES FORMAT. AVOID Aerial Application of Retardant / Foam / Agent within 300' of Waterways, Bodies of Water, etc. If Retardant / Foam / Agent is Dropped Within These Areas Immediately Notify the AOB and Provide the Following Information: Lat / Long, Estimated Number of Gallons and a Map Detailing The Area.				Helibase Information Name Chico Latitude 39° 47.67 Longitude 121° 51.52 Name Latitude Longitude (use page 2 if needed)				TFR Information Request # A-70 Radius: 7 NM Altitude: 8000' MSL 39° 57.99' Lat 121° 35.16' Long NOTAMS: 0/5836 Frequency 134.325 http://tfr.faa.gov/tfr2/list.html				Rescue Ship Information Name CA Nat Guard Phone CA Nat Guard Make/Model ECC Location Blackhawk Request Procedure for These Aircraft: Redding Contact Incident Communications: Redding See Medical Plan For Additional Info			
FAA #	Type	Make/Model	Helibase	Avail	Start	Remarks / A - #	FAA #	Type	Make/Model	Helibase	Avail	Start	Remarks / A - #		
HELICOPTERS															
801	1	Chinook / CH-47	Chico	8:00	9:00	Long Line / A-29									
802	1	Chinook / CH-47	Chico	8:00	9:00	Long Line / A-29									
803	1	Chinook / CH-47	Chico	8:00	9:00	Long Line / A-50									
804	1	Chinook / CH-47	Chico	8:00	9:00	Long Line / A-51									
G32	3	UH-72 Lakota	Chico	8:00	9:00	HICO / A-73									
2EV	3	Airbus 350B2	Chico	7:00	8:00	Recon / A-74									
FIXED WING															
FAA #	Type	Make/Model	Base	Avail	Start	Remarks	FAA #	Type	Make/Model	Base	Avail	Start	Remarks		

Collin Kelly
(530) 864-2582

ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN


1. Incident Name:
BTU Lightning Complex
BUTTE ZONE

2. Date/Time Prepared
Date: 08/24/2020
Time: 1930

3. Operational Period:
Date From: 08/25/20
Time From: 0700
Date To: 08/26/20
Time To: 0700

4. Communications									
Ch#	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes	
1	COMMAND	CDF C1 T3	BUTTE ZONE	151.3550	103.5 (T8)	159.3000	131.8 (T3)	BLOOMER	
2	COMMAND	CDF C1 T13	BUTTE ZONE	151.3550	103.5 (T8)	159.3000	141.3 (T13)	COLBY MTN	
3	COMMAND	CDF C1 T14	BUTTE ZONE	151.3550	103.5 (T8)	159.3000	151.4 (T14)	PLATTE	
4	COMMAND	CDF C1 T15	BUTTE ZONE	151.3550	103.5 (T8)	159.3000	162.2 (T15)	BALD MTN	
5									
6									
7	TACTICAL	CDF T24	DIV AA/GG	151.3325	192.8 (T16)	151.3325	192.8 (T16)	BRANCH IX	
8	TACTICAL	CDF T29	DIV WW	151.3475	192.8 (T16)	151.3475	192.8 (T16)	BRANCH I	
9	TACTICAL	CDF T30	DIV HH/FF	151.3925	192.8 (T16)	151.3925	192.8 (T16)	BRANCH V	
10	TACTICAL	CDF T32	DIV DD/PP	151.2425	192.8 (T16)	151.2425	192.8 (T16)	BRANCH V	
11	TACTICAL	VFIRE 23	DIV SS/CONTINGENCY	154.2950	156.7 (T6)	154.2950	156.7 (T6)	BRANCH V	
12									
13									
14	AIR TO GROUND	CDF T18	ALL DIVS	159.3450	192.8 (T16)	159.3450	192.8 (T16)	**** AIR TO GROUND ****	
15	MEDICAL	CALCORD	ALL DIVS	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL COORDINATION	
16	AIRGUARD	AIRGUARD	ALL DIVS	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY	
17									
18									
19									
20	AIRGUARD	AIRGUARD	EMERGENCY	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY	

5. Special Instructions
****THE LATEST CLONE FOR AUGUST 25,2020 IS BTU LCA3,TGU LCA5 AND GLN LCA1 WHICH IS THE GROUP NAME IN YOUR HT****

6. Prepared by (Communications Unit Leader): Name: Mike Heyfron COML
Signature: 

ICS 205 - CONTROLLED UNCLASSIFIED INFORMATION/BASIC
NIRS IAP
Date/Time: 08/24/20 1930

ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN

1. Incident Name:
 BTU Lightning Complex
 GLENN ZONE

2. Date/Time Prepared
 Date: 08/24/2020
 Time: 1930

3. Operational Period:
 Date From: 08/25/20
 Time From: 0700
 Date To: 08/26/20
 Time To: 0700

4. Communications

Ch#	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
1	COMMAND	CDF C7	ALL DIVS	151.4600	103.5 (T8)	159.3900	110.9 (T1)	TURNER MTN
2								
3								
4	TACTICAL	CDF T28	DIV BB/CC/TT	151.1825	192.8 (T16)	151.1825	192.8 (T16)	BRANCH XXX/XXXV
5	TACTICAL	CDF T29	DIV WW	151.3475	192.8 (T16)	151.3475	192.8 (T16)	BRANCH XXX/XXXV
6								
7								
8								
9								
10								
11								
12								
13								
14	AIR TO GROUND	CDF T15	ALL DIVS	159.2700	192.8 (T16)	159.2700	192.8 (T16)	**** AIR TO GROUND****
15	MEDICAL	CALCORD	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL CORDINATION
16	AIRGUARD	AIRGUARD	EMERGENCY	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY
17								
18								
19								
20	AIRGUARD	AIRGUARD	EMERGENCY	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY

5. Special Instructions

THE LATEST CLONE FOR AUGUST 25,2020 IS BTU LCA3,TGU LCA5 AND GLN LCA1 WHICH IS THE GROUP NAME IN YOUR HT

6. Prepared by (Communications Unit Leader): Name: Mike Heyfron COML
 Signature: *m hfron*

ICS 205 - CONTROLLED UNCLASSIFIED INFORMATION/BASIC
 NIMS IAP Date/Time: 08/24/20 1930

ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN

CONTROLLED UNCLASSIFIED INFORMATION/BASIC

1. Incident Name: BTU Lightning Complex TEHAMA ZONE	2. Date/Time Prepared Date: 08/24/2020 Time: 1930	3. Operational Period: Date From: 08/25/20 Time From: 0700 Date To: 08/26/20 Time To: 0700
--	--	---

4. Communications									
Ch#	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes	
1	COMMAND	CDF C7 T1	ALL DIVS	151.4600	103.5 (T8)	159.3900	110.9 (T1)	TURNER MTN	
2	COMMAND	CDF C7 T15	ALL DIVS	151.4600	103.5 (T8)	159.3900	162.2 (T15)	TOMHEAD LO	
3	TACTICAL	CDF T1	DIV C	151.2575	192.8 (T16)	151.2575	192.8 (T16)	BRANCH XXX	
4	TACTICAL	CDF T26	DIV N/Q/T	159.2925	192.8 (T16)	159.2925	192.8 (T16)	BRANCH XXXVI	
5	TACTICAL	CDF T27	DIV G/K	159.3075	192.8 (T16)	159.3075	192.8 (T16)	BRANCH XXX	
6	TACTICAL	CDF T29	UNASSIGNED	151.3475	192.8 (T16)	151.3475	192.8 (T16)		
7	TACTICAL	CDF T30	UNASSIGNED	151.3925	192.8 (T16)	151.3925	192.8 (T16)		
8	TACTICAL	CDF T32	DIV X	151.2425	192.8 (T16)	151.2425	192.8 (T16)	BRANCH XXXVI	
9	TACTICAL	VFIRE 21	DIV A	154.2800	156.7 (T6)	154.2800	156.7 (T6)	BRANCH XXX	
10	TACTICAL	VFIRE 23	UNASSIGNED	154.2950	156.7 (T6)	154.2950	156.7 (T6)		
11	TACTICAL	VFIRE 24	DIV V	154.2725	156.7 (T6)	154.2725	156.7 (T6)	BRANCH XXXVI	
12									
13									
14	AIR TO GROUND	CDF T15	ALL DIVS	159.2700	192.8 (T16)	159.2700	192.8 (T16)	**** AIR TO GROUND****	
15	MEDICAL	CALCORD	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL CORDINATION	
16	AIRGUARD	AIRGUARD	EMERGENCY	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY	
17									
18									
19									
20	AIRGUARD	AIRGUARD	EMERGENCY	168.6250	000.0	168.6250	110.9 (T1)	EMERGENCY USE ONLY	

5. Special Instructions

THE LATEST CLONE FOR AUGUST 25,2020 IS BTU LCA3,TGU LCA5 AND GLN LCA1 WHICH IS THE GROUP NAME IN YOUR HT

6. Prepared by (Communications Unit Leader): Name: Mike Heyfron COM1 ICS 205 - CONTROLLED UNCLASSIFIED INFORMATION//BASIC	Signature:  Date/Time: 08/24/20 1930
---	--

COLBY
CMD1, T13



Repeater Locations
Butte Zone
 Butte Lightning Complex
 CA-BTU-009692



PLATTE
CMD1, T14



BALD
CMD1, T15



Magalia



Chico

Paradise



Cascade Creek 5-6



BLOOMER
CMD1, T3



5-4 Potters



5-3



162

99

149

70

32

MEDICAL PLAN (ICS206)

1. Incident Name:	2. Operational Period:	Date From:	8/25/20	Date To:	8/26/20
BTU Lightning Complex		Time From:	0700	Time To:	0700

3. Medical Aid Stations:			
Name	Location	Contact Number/Freq	Level of Service
CAL-MAT	ICP	(661)428-3010	MD
Medical Supply Trailer	Magalia (Butte Fire Center)	N/A	Supply Only

4. Transportation (indicate air or ground):			
Ambulance Service	Location	Contact Number	Level of Service
Medic 3210	Station 13 - Sterling City	Command	ALS
Saint Elizabeth Ambulance (Ground)	Red Bluff / Corning	(530)529-8542	ALS
Westside Ambulance (Ground)	Orland	(530)895-9130	ALS
Reach / CAL-STAR (Air)	Marysville	(800)338-4045	RN
Enloe (Air)	Chico	(800)344-1863	RN
Guard Copter (24 Hour ALS Hoist)	Redding (North Ops)	Red Bluff / Oroville	ALS

5. Hospitals:							
Hospital Name	Address,	Contact Number(s)/ Frequency	Travel Time		Trauma Center	Burn Center	Helipad
	Lat & Long Helipad		Air	Ground			
Enloe Medical Center Chico, Ca	1531 Esplanade N39°44.53' W121°50.95'	(530)332-7743	7	20	Level 2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Saint Elizabeth Comm Hospital Red Bluff, Ca	2550 Sister Mary Columbia Dr N40°08.95' W122°13.17'	(530)529-8300	5	15	Level 3	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Glenn Medical Center Willows, Ca	1133 W Sycamore St Willows	(530)934-1840	N/A	30	N/A	<input type="checkbox"/>	<input type="checkbox"/>
UC Davis Medical Center Sacramento, Ca	2315 Stockton Blvd N38°33.28' W121°27.35'	(916)734-3790	30	90	Level 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

<p>6. Special Medical Emergency Procedures</p> <p>Line Emergency Crew Supervisor will contact Division Supervisor with patient complaint/condition and location. - Division Group Supervisor Contacts: 1. Closest EMS resource 2. Communications Unit - Communications Unit Contacts: 1. Ground or Air ambulance as requested. 2. Operations 3. Safety 4. Medical Unit - Division Supervisor or designee will serve as point of contact and run medical emergency on assigned channel. 1. A pre-assigned tactical frequency (i.e. CALCORD) should be used for IWI and only for duration of the emergency. - Communications Unit will clear the Command channel for emergency traffic as needed for duration of the need.</p> <p>Camp Emergency Contact Medical Unit with patient complaint/condition and location. Medical staff will respond to stabilize the patient. - Medical Unit contacts 1. Communications 2. Safety 3. Logistics 4. Operations 5. Crew Supervisor 6. Comp/Claims</p>	<p>Injury Reporting Procedures</p> <p>Nature of Injury: _____ Location of Patient: _____ Point of Contact: _____ Transportation Requested by: Air _____ Ground _____ Point of Pick-Up: _____ Lat: _____ Long: _____ Patient Unit ID: _____ Is an EMT with Patient: Yes _____ No _____ Age: _____ Sex: Male _____ Female _____</p> <p>All Emergencies - Secure the area and identified witnesses for later investigation. Keep accurate log of events.</p>
---	---

Check box if aviation assets are utilized for rescue. If assets are used, coordinate with Air Operations.

7. Prepared by (Medical Unit Leader): Steve McGary Leif Juliussen (t)	Signature:
8. Approved by (Safety Officer): Doug Ferro Brent Stangeland	Signature:

FINANCE MESSAGE

**ALL RESOURCES ASSIGNED TO THE INCIDENT
WILL UTILIZE THEIR
ORIGINAL INCIDENT NUMBER & REQUEST NUMBER**

FIRES IN COMPLEX

- BTU LIGHTNING COMPLEX 2020 CABTU 009692
- 5-4 POTTERS CABTU 009702
- TGU BATT 4 LCA CATGU 008705
- IVORY CATGU 008913
- TGU BATT 3 LCA (ELKHORN) CATGU 008683

**PLEASE ENSURE ALL SHIFT TICKETS & FC-33's UTILIZE
THEIR CORRECT INCIDENT & REQUEST NUMBERS**



CAL-FIRE INCIDENT MANAGEMENT TEAM IV



24HR LINE RESOURCE - 2 OPERATOR

EMERGENCY SHIFT TICKET and EVALUATION FORM
The responsible Government Officer will complete this form each shift.

Contractor Name: **THE BEST DOZERS LLC**
Operator #1: **FIRST & LAST**
Operator #2: **FIRST & LAST**
Request Number: **E-444**

Incident or Project Name: **MISSION**
Incident Number: **CA-MMU-018115**

Agreement Number: **MMU-0000015953**
Equipment Make: **1999 PETERBILT 379**
Equipment Model / Type: **TRANSPORT 18 WHEEL**
License Number: **12345A1**

Operator Furnished By: Contractor Government
Operating Supplies Furnished By: Contractor Government

Equipment Status: Inspected Under Agreement
 Released by Government
 Withdrawn by Contractor

Remarks/Comments: **2 OPERATORS**

Date Mo / Day	Start	Stop	Work	Hours	Days / Miles
9/5	0701	2400	17	7	DIV X
9/6	0001	0700	7	7	DIV X

Vendor Rating: **COMPLETE VIN#**

Poor* Avg. Good Exc. N/A

Met Performance Expectations
Equipment in Safe Working Condition
Operator Skill Level
Operates Safely
Operator's Cooperation Level
Overall Performance

Govt. Rep. Name and Position - PRINT
Print Your Name
Govt. Rep. Signature
Contractor Signature
Date: **9/6/20** Time: **0700**

* NOTE: any rating of POOR requires an explanation in Comment Section.
** Final evaluation or for more documentation, use a CALFIRE Form 230 or equivalent.

12HR LINE RESOURCE - 1 OPERATOR

EMERGENCY SHIFT TICKET and EVALUATION FORM
The responsible Government Officer will complete this form each shift.

Contractor Name: **THE BEST DOZERS LLC**
Operator #1: **FIRST & LAST**
Operator #2: **FIRST & LAST**
Request Number: **E-555**

Incident or Project Name: **MISSION**
Incident Number: **CA-MMU-018115**

Agreement Number: **MMU-0000015955**
Equipment Make: **2004 CAT**
Equipment Model / Type: **D6N / TYPE II E**
License Number: **COMPLETE VIN#**

Operator Furnished By: Contractor Government
Operating Supplies Furnished By: Contractor Government

Equipment Status: Inspected Under Agreement
 Released by Government
 Withdrawn by Contractor

Remarks/Comments: **1 OPERATOR**

Date Mo / Day	Start	Stop	Work	Hours	Days / Miles
9/7	0001	0700	7	7	OFF SHIFT
9/7	0701	1900	12	12	DIV X
9/7	1901	2400	5	5	OFF SHIFT

Vendor Rating: **COMPLETE VIN#**

Poor* Avg. Good Exc. N/A

Met Performance Expectations
Equipment in Safe Working Condition
Operator Skill Level
Operates Safely
Operator's Cooperation Level
Overall Performance

Govt. Rep. Name and Position - PRINT
Print Your Name
Govt. Rep. Signature
Contractor Signature
Date: **9/5/20** Time: **1900**

* NOTE: any rating of POOR requires an explanation in Comment Section.
** Final evaluation or for more documentation, use a CALFIRE Form 230 or equivalent.

24HR / 12HR TRANSITION SHIFT TICKET

EMERGENCY SHIFT TICKET and EVALUATION FORM
The responsible Government Officer will complete this form each shift.

Contractor Name: **THE BEST DOZERS LLC**
Operator #1: **FIRST & LAST**
Operator #2: **FIRST & LAST**
Request Number: **E-444**

Incident or Project Name: **MISSION**
Incident Number: **CA-MMU-018115**

Agreement Number: **MMU-0000015953**
Equipment Make: **1999 PETERBILT 379**
Equipment Model / Type: **TRANSPORT 18 WHEEL**
License Number: **12345A1**

Operator Furnished By: Contractor Government
Operating Supplies Furnished By: Contractor Government

Equipment Status: Inspected Under Agreement
 Released by Government
 Withdrawn by Contractor

Remarks/Comments: **2 OPERATORS**

Date Mo / Day	Start	Stop	Work	Hours	Days / Miles
9/6	0701	1900	12	12	DIV X
9/6	1901	2400	5	5	OFF SHIFT

Vendor Rating: **COMPLETE VIN#**

Poor* Avg. Good Exc. N/A

Met Performance Expectations
Equipment in Safe Working Condition
Operator Skill Level
Operates Safely
Operator's Cooperation Level
Overall Performance

Govt. Rep. Name and Position - PRINT
Print Your Name
Govt. Rep. Signature
Contractor Signature
Date: **9/5/20** Time: **1900**

* NOTE: any rating of POOR requires an explanation in Comment Section.
** Final evaluation or for more documentation, use a CALFIRE Form 230 or equivalent.

24HR IN CAMP RESOURCE

EMERGENCY SHIFT TICKET and EVALUATION FORM
The responsible Government Officer will complete this form each shift.

Contractor Name: **THE BEST CAMP LLC**
Operator #1: **FIRST & LAST**
Operator #2: **FIRST & LAST**
Request Number: **E-333**

Incident or Project Name: **MISSION**
Incident Number: **CA-MMU-018115**

Agreement Number: **MMU-0000015950**
Equipment Make: **TENT**
Equipment Model / Type: **WESTERN SHELTER 19X35**
License Number: **COMPLETE VIN#**

Operator Furnished By: Contractor Government
Operating Supplies Furnished By: Contractor Government

Equipment Status: Inspected Under Agreement
 Released by Government
 Withdrawn by Contractor

Remarks/Comments: **(4) TENTS, CANOPY WIDES FLOOR & INSULATED ROOF 870sq ft**

Date Mo / Day	Start	Stop	Work	Hours	Days / Miles
9/2	0001	2400	24	24	ICP

Vendor Rating: **COMPLETE VIN#**

Poor* Avg. Good Exc. N/A

Met Performance Expectations
Equipment in Safe Working Condition
Operator Skill Level
Operates Safely
Operator's Cooperation Level
Overall Performance

Govt. Rep. Name and Position - PRINT
Print Your Name
Govt. Rep. Signature
Contractor Signature
Date: **9/5/20** Time: **1900**

* NOTE: any rating of POOR requires an explanation in Comment Section.
** Final evaluation or for more documentation, use a CALFIRE Form 230 or equivalent.

TEHAMA / GLENN LIGHTNING COMPLEX **INFORMATION SHEET**

Fire Information Line: **(530)529-9233**

Please scan the QR Below for CAL FIRE's Social Media Policy 0691.



INCIDENT MAIL

The PIO Trailer will receive mail/packages shipped to the Incident. Please ensure all mail addressed to the incident follows the format below:

(YOUR NAME, YOUR ORDER NUMBER)
C/O BTU/TGU LIGHTNING COMPLEX BASE CAMP
PUBLIC INFORMATION TRAILER
TEHAMA DISTRICT FAIRGROUNDS
650 ANTELOPE BLVD, RED BLUFF, CA 96080

LOST AND FOUND

Any items that are found, please bring them to the PIO Trailer located at the entrance to Base Camp and leave them with PIO staff. Please leave your name and contact information and description of lost items so we can attempt to reunite you with your items.





**BTU LIGHTNING COMPLEX
INCIDENT
CA-BTU-009692
REMOTE CHECK-IN**



**Please use this code to Check In to the
BTU LIGHTNING COMPLEX INCIDENT**

REMEMBER: YOU MUST STILL VISIT TIME UNIT!



DMOB

BTU LIGHTNING COMPLEX INCIDENT CA-BTU-009692

- Resources must check-in prior to the Demobilization process.
- In order to be deemed excess, supervisors must submit an ICS 213 to the Resources Unit.
- Resources report to the Demobilization Unit at the times posted on the tentative DMOB list, which is posted around the Incident Base and to the Box account.
- Prior to reporting to DMOB, please return all supplies and equipment.
- Resources will get signatures from the following units:
 - Ground Support (Vehicle Inspection)
All rental vehicles **MUST** be inspected
 - Training (If they have a trainee)
 - Documentation
 - Time
 - DMOB
- The following will be done by radio at DMOB
 - Motels
 - Supply
 - Communications

***TRAINING SPECIALIST
MESSAGE***

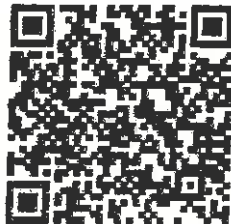
**A Training Specialist is available for trainees on
the incident.**

**All State, Federal and local government agency
Trainees working on Position Task Books will
need to register with the Incident Training
Specialist in order to receive proper credit for
your assignment.**

Training Specialist's

Dennis Martin

(707) 479-8421



Register using the QR Code

CAL FIRE

INCIDENT MANAGEMENT TEAM

WATER USAGE PLAN

California Drought Emergency

The following shall be considered and implemented by all fire resources as a means to provide maximum efficiencies when utilizing water resources, while minimizing the impacts to private and public water supplies. Accountability shall be maintained for all water supplies that are utilized and care should be applied to ensure proper replacement and/or reimbursement to the supplier/ owner.

Fireline personnel- (During mop up operations)

- Use of Pencil Hose and Garden Nozzles with Shut-Offs.
- Use of Back pumps.
- Dry Mop-up and consolidation of heavy fuels to areas where they can burn out safely
- Locate/ Relocate Firelines to lighter fuels or natural barriers when safe.
- Set up and use portable tanks in anticipation of longer transport times for Water Tenders.
- Use of foams, gels and other water enhancers.
- Evaluate need to mop up in excess of 200 feet from fireline

Road Maintenance and Repair-

- Monitor and water roads only when and where needed.
- Water when most effective (evening and nights).
- Use chemical treatments when available (Magchloride, Omni bind ect).
- Consider use of tertiary or treated water (sp)

Aviation Operations-

- Use of Gels, Foams and Retardants. Set up portable plants.
- Consider Blivits and Pencil hose for interior mop up operations as opposed to numerous bucket drops.
- Establish and use pre-use agreements for existing and known water sources.
- Use large watershed dip sites when able. Minimize use of small, static ponds and lakes.
- Maintain accountability of water used and locations of dip sites.
- Evaluate need for interior bucket drops

Private Water Supplies-

- Notify property owner as early as possible.
- Minimize usage and develop alternative water supplies when and where appropriate.
- Track usage (meter, 214 form) and develop a plan to replace water.
- Make arrangements for reimbursement and damage claims if needed.

Public/ Municipal Water Supplies-

- Notify Agency as soon as possible and request a representative to the incident.
- Identify fill areas and request metering devices. Place on incident map.
- Use alternative or reclaimed water sources when available. Place on incident map.
- Make arrangements for reimbursement and damage claims if needed.

Management and Supervision-

- Use leaders intent and establish Water Conservation as an Management Objective.
- Consider complexity of water use on incidents. Establish a Water Supply Group Supervisor to coordinate additional resources to support the incident needs.
- Complete the Water Usage Report daily and turn in to Finance
- Review this check list and brief daily.

FIRING OPERATION CHECKLIST

Location: _____

Date: _____ Time: _____

Firing Supervisor _____

1. Personnel Briefing

- Objectives
- Conditions (fire environment)
- Resource assignments identified
 - Firing personnel
 - Holding forces
 - Lookouts
- Ignition plan/sequence
- Communication Plan
- Contingency Plan
- Safety issues

2. Go / No-Go

- All personnel briefed
- Weather forecast reviewed
- Resources in place
- Lookouts posted as needed
- Anchor and termination firing points identified
- Communications systems in place
- Fire behavior forecast reviewed
- Escape routes and safety zones established and made known
- Adjoining forces/Air Attack notified

3. Approval Prior To Firing

- Division Supervisor
- Branch Director
- Operations

4. Other Notifications

- Other: _____
- Other: _____

Attach Firing Operations Checklist to ICS-214

Rev: Ops Group February 8, 2011

AVENZA MAP HOW TO QUICK GUIDE

Add a Placemark:

1. Pan to a position on the map centered by the crosshair (select exact location, not the road nearby)
2. Tap Add Placemark. A placemark is added with the default icon color, name (can be changed)



3. Name Placemark under Title.
4. Change symbol, if desired.
5. Click Submit.

Changing Placemark Details:

1. Tap the placemark on the map to display the label
2. Tap icon on the placemark label to see details about the placemark
3. On the placemark detail screen, you can change the placemark title, icon, enter a description, add photos, edit the location coordinate, and edit attribute schema.

Moving a Placemark on a Map:

1. Tap and hold a placemark
2. Drag the placemark to another position and release

Recording a Track:

1. Tap Tools and select Record GPS Tracks



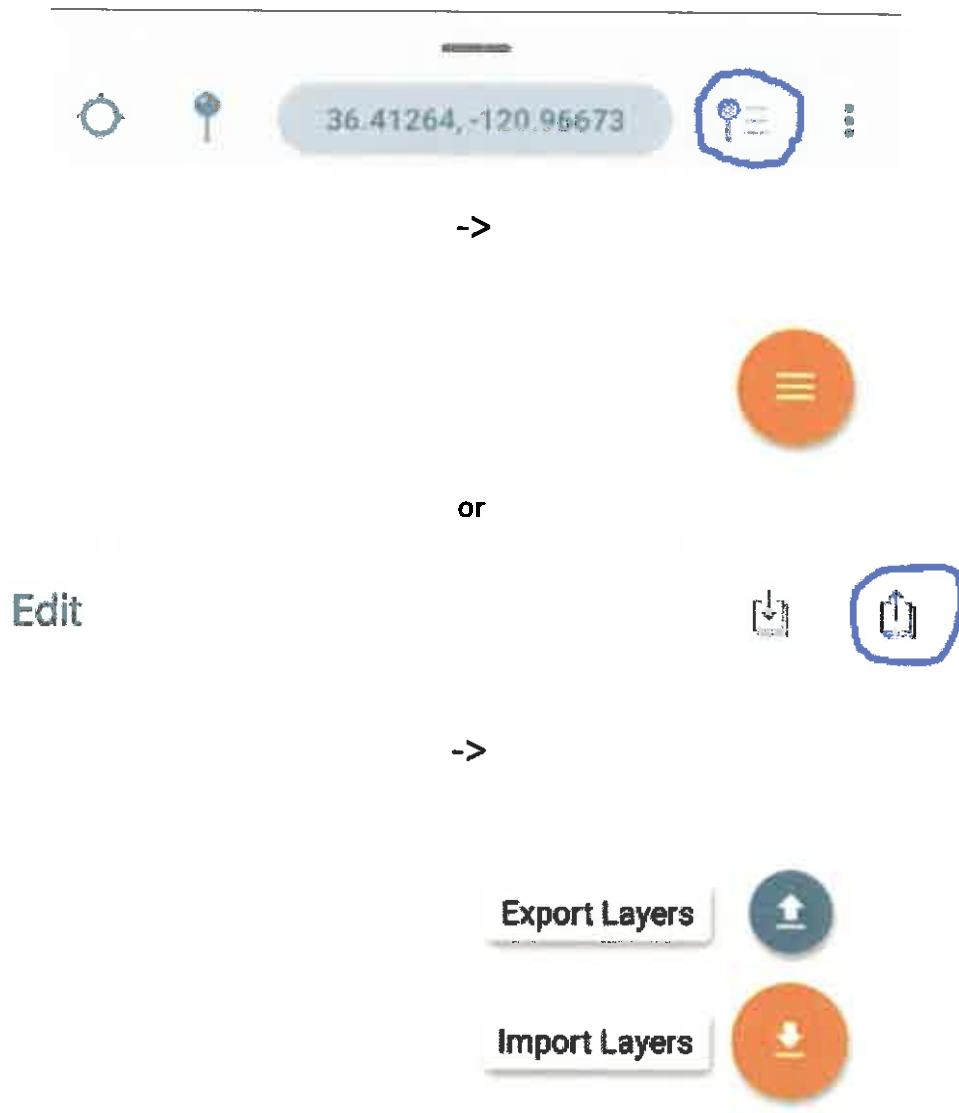
2. Select tracking (middle column).
3. Once a signal has been established ("Start" will be displayed for iOS, "Ready" will be displayed for Android), tap "Start" (iOS) or the Play icon (Android) to begin recording. Your tracks will continue recording, even if you minimize the app (set phone settings Avenza to always run GPS)



4. When you are done recording, tap 'Stop' (iOS) or "Done" (Android) and the track will be saved as a Map Feature.

Exporting Features:

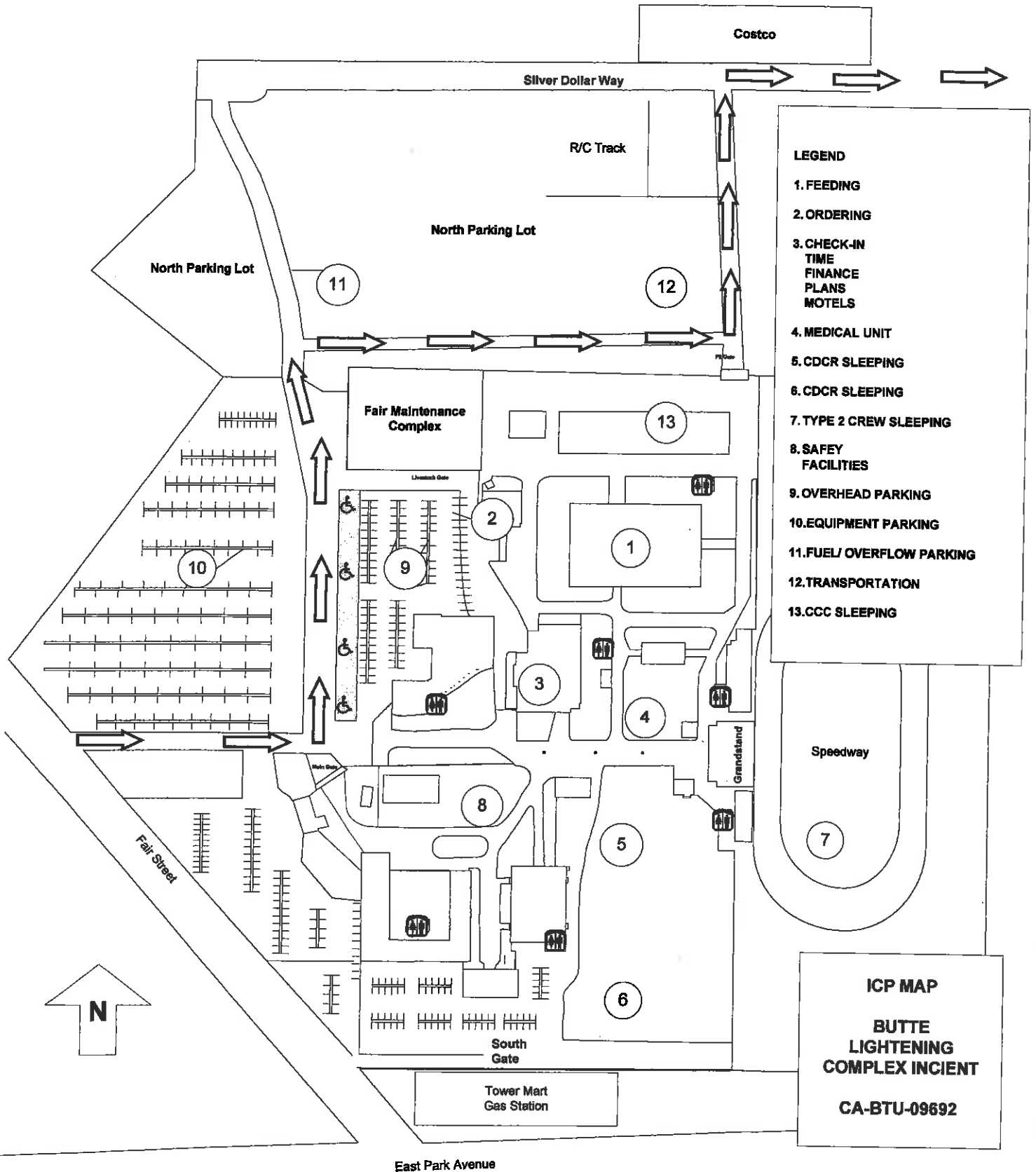
1. Tap Map Features
 - a. Android devices - Tap on Menu, and select Export Map Features
 - b. iOS devices - Tap Export (bottom right button with up arrow).
2. Choose the desired export settings (e.g., Export to Others)
3. Select Export (all features). The features will be exported to the desired location



Email the .kml files to CalFireIMT4GIS@gmail.com

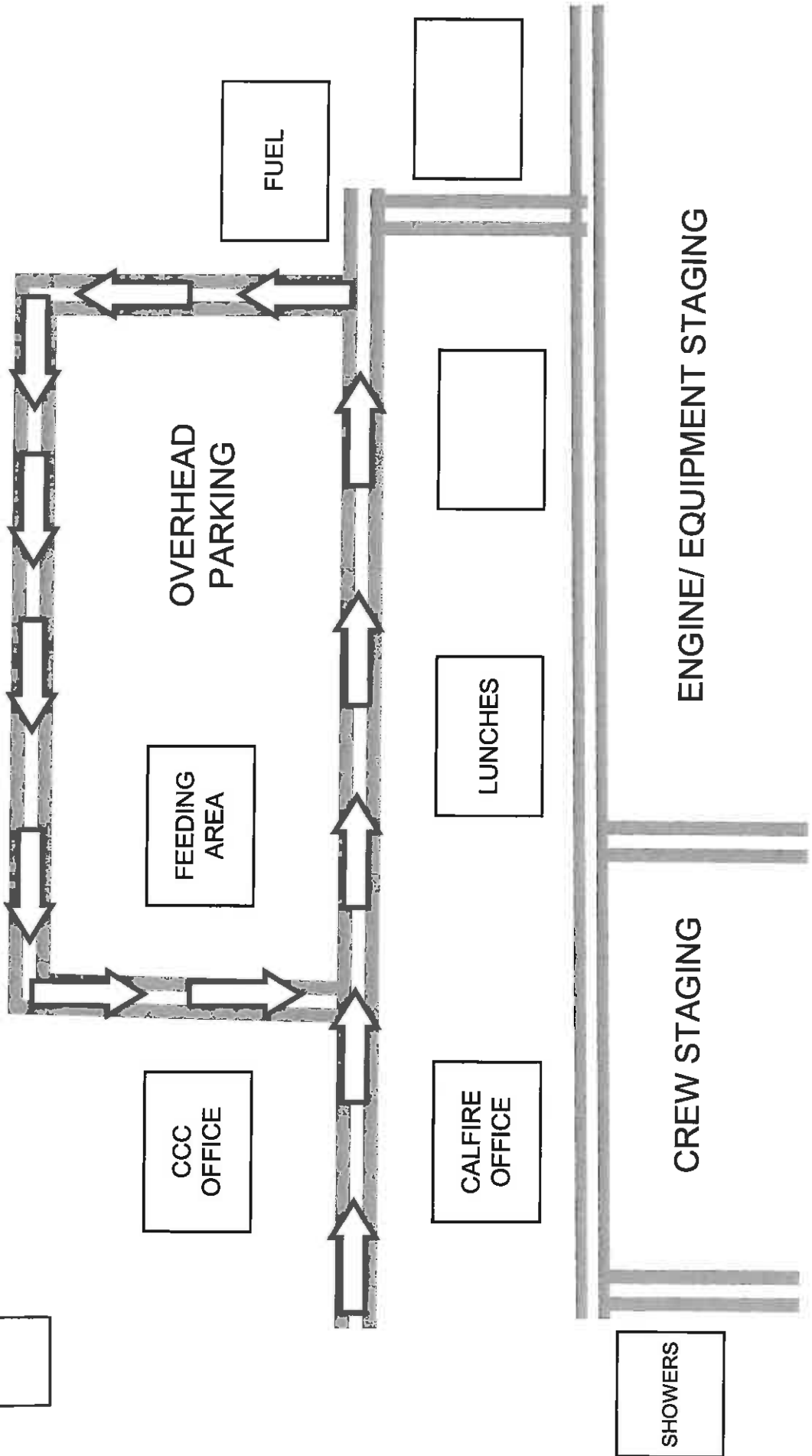
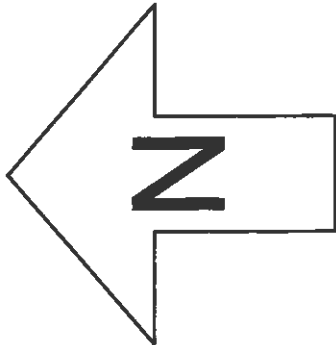
INCIDENT BASE

Silver Dollar Fairgrounds, Chico CA



BUTTE FIRE CAMP

FLO – Stephanie Edson
530-521-8198



OVERHEAD
PARKING

FEEDING
AREA

CCC
OFFICE

FUEL

CALFIRE
OFFICE

LUNCHES

SHOWERS

CREW STAGING

ENGINE/ EQUIPMENT STAGING

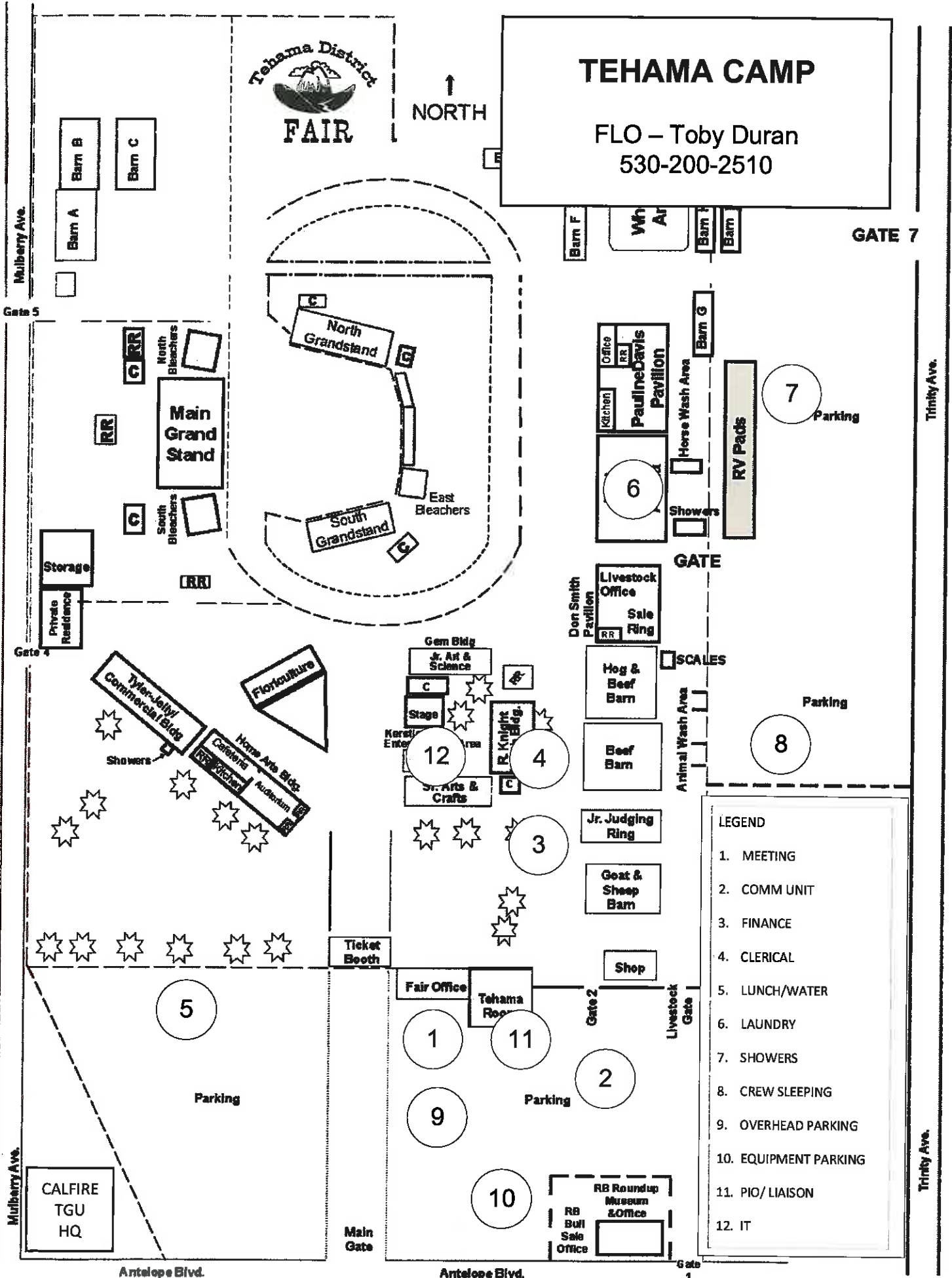


NORTH ↑

TEHAMA CAMP

FLO – Toby Duran
530-200-2510

GATE 7



LEGEND

1. MEETING
2. COMM UNIT
3. FINANCE
4. CLERICAL
5. LUNCH/WATER
6. LAUNDRY
7. SHOWERS
8. CREW SLEEPING
9. OVERHEAD PARKING
10. EQUIPMENT PARKING
11. PIO/ LIAISON
12. IT

Travel Map Butte North

BTU/TGU Lightning
Complex
CA-BTU-009692



From Butte Fire Center to Fires off Powellton Rd:

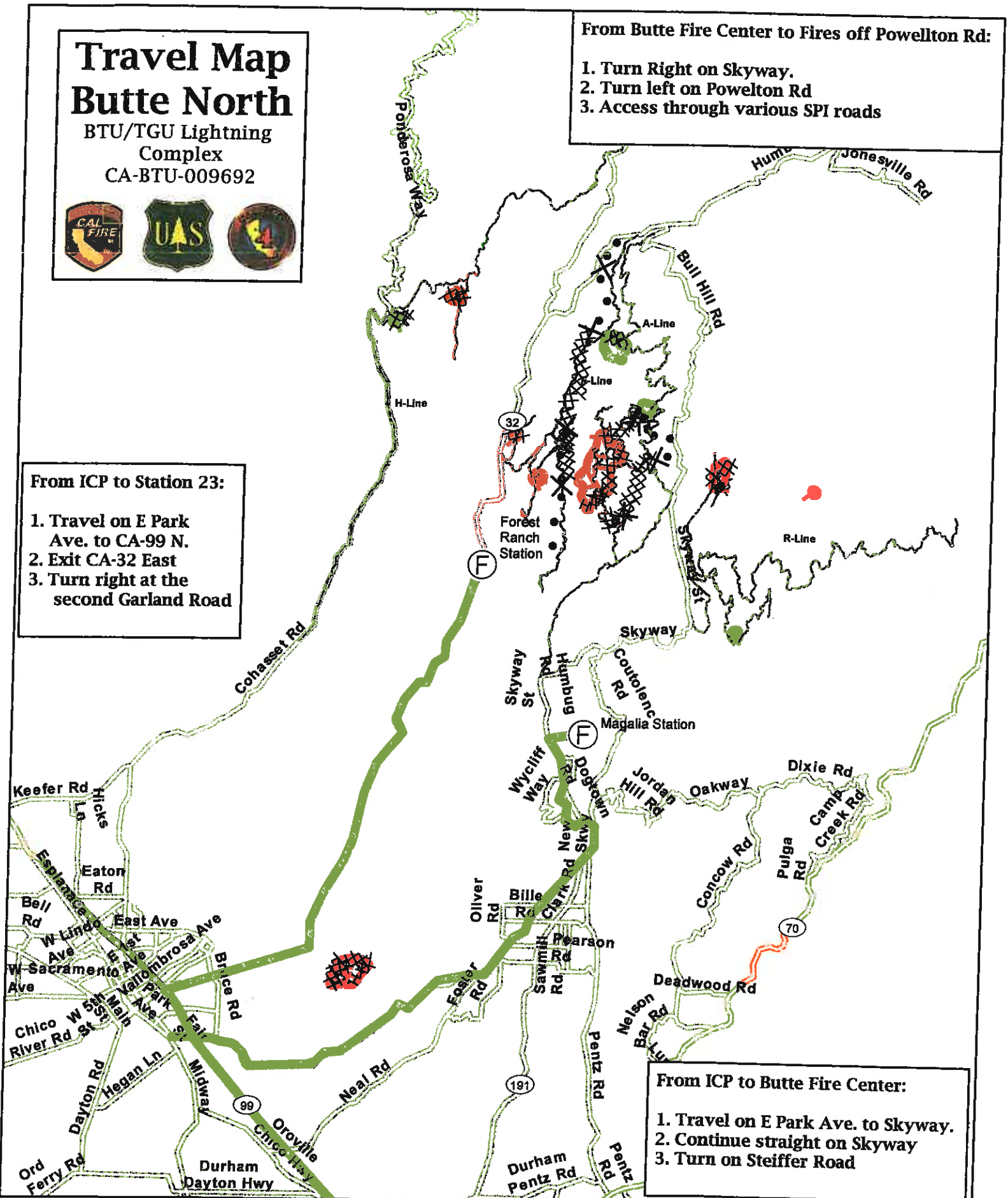
1. Turn Right on Skyway.
2. Turn left on Powellton Rd
3. Access through various SPI roads

From ICP to Station 23:

1. Travel on E Park Ave. to CA-99 N.
2. Exit CA-32 East
3. Turn right at the second Garland Road

From ICP to Butte Fire Center:

1. Travel on E Park Ave. to Skyway.
2. Continue straight on Skyway
3. Turn on Steiffer Road



Incident Command Post	Water Source	Uncontrolled Fire Edge	H - Hand Line
Staging Area	Helibase	Completed Dozer Line	Fire Station
Drop Point	Helispot	Completed Line	

NAD83
Scale-1:235,000

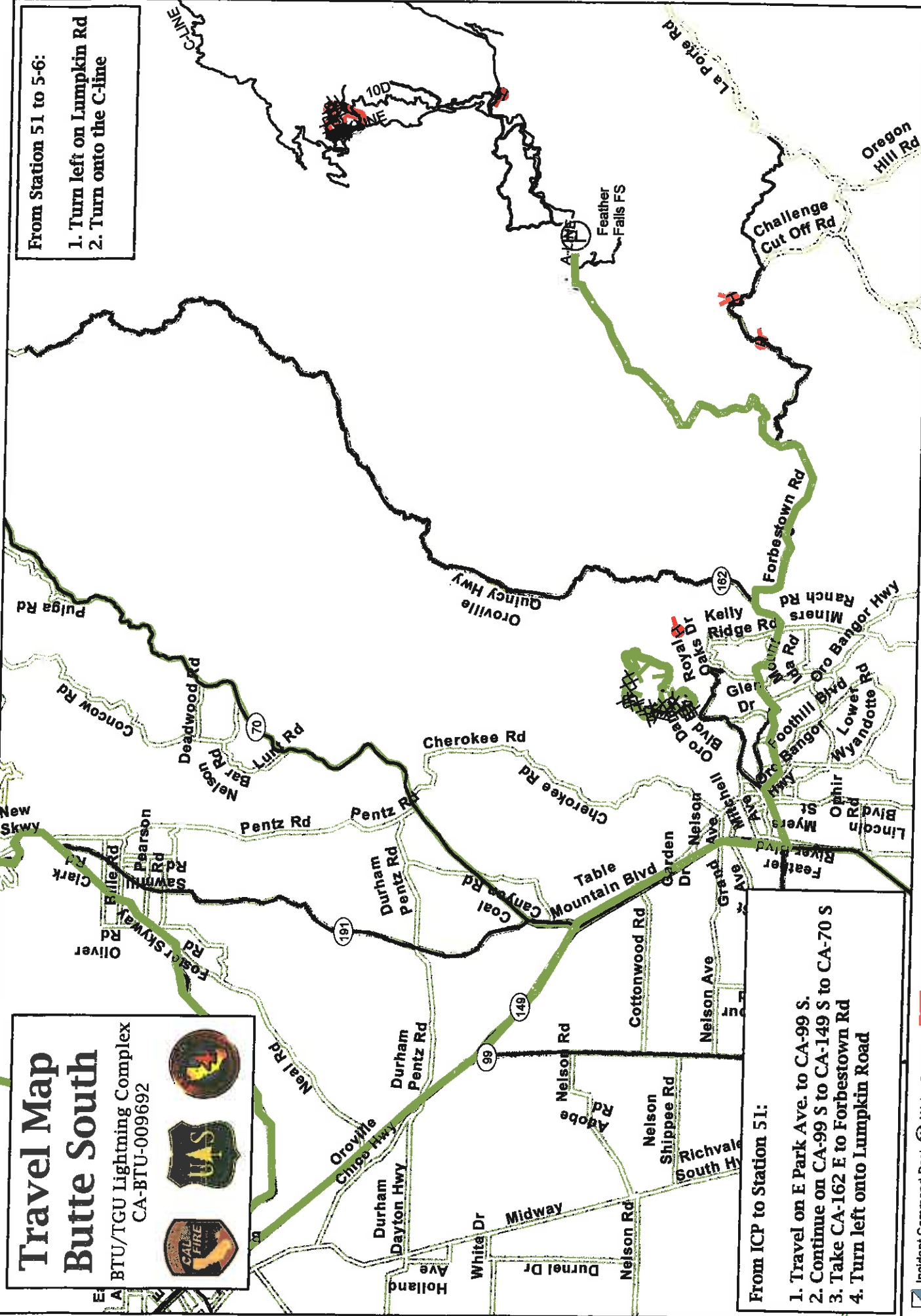
Travel Map

Butte South

CA BTU/TGU Lightning Complex
CA-BTU-009692

From Station 51 to 5-6:
 1. Turn left on Lumpkin Rd
 2. Turn onto the C-line

From ICP to Station 51:
 1. Travel on E Park Ave. to CA-99 S.
 2. Continue on CA-99 S to CA-149 S to CA-70 S
 3. Take CA-162 E to Forbestown Rd
 4. Turn left onto Lumpkin Road

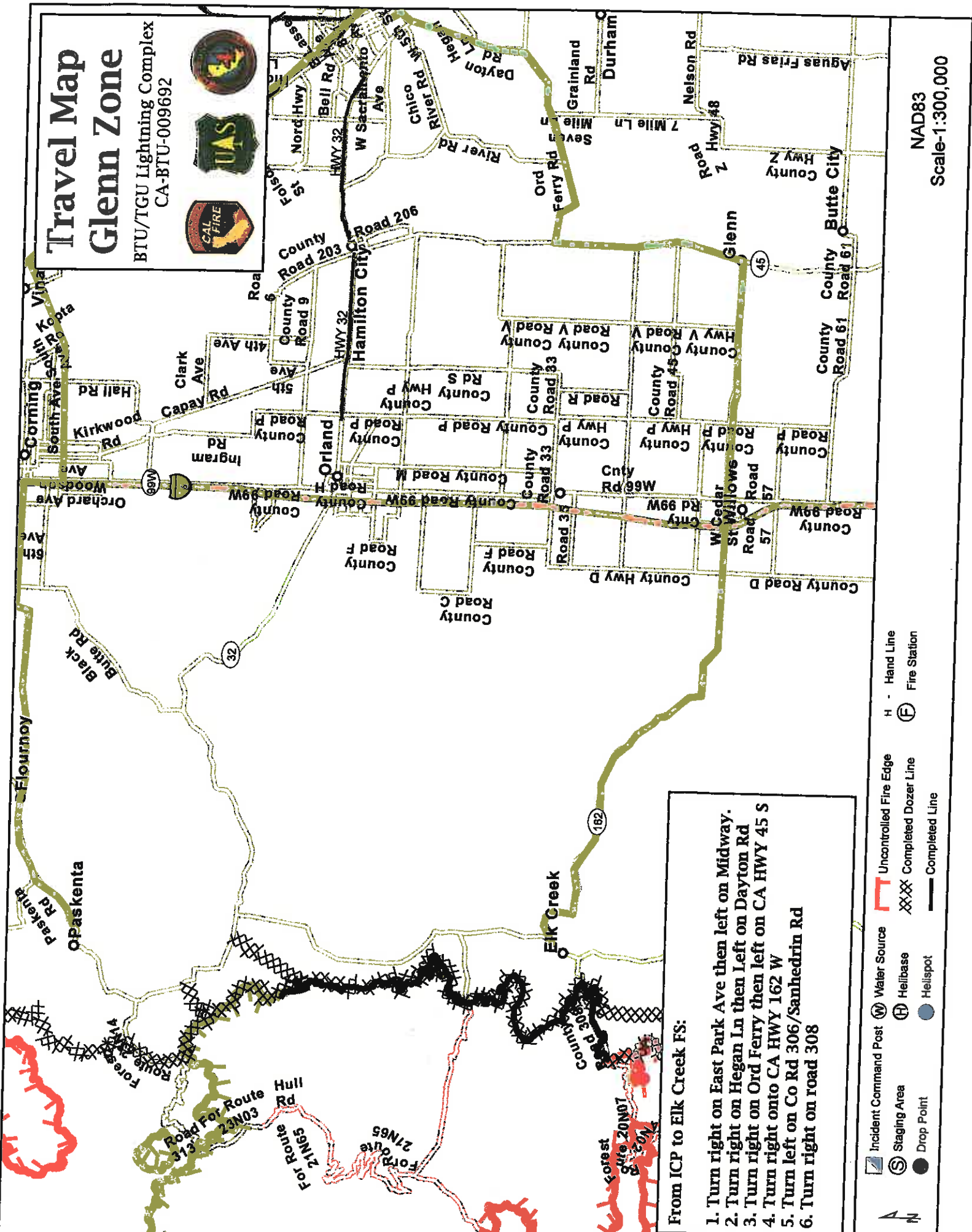


- Incident Command Post
- Water Source
- Helibase
- Helispot
- Staging Area
- Uncontrolled Fire Edge
- Completed Dozer Line
- Completed Line
- Fire Station
- Hand Line

NAD83
 Scale-1:230,000

Travel Map Glenn Zone

BTU/TGU Lightning Complex
CA-BTU-009692



- From ICP to Elk Creek FS:**
1. Turn right on East Park Ave then left on Midway.
 2. Turn right on Hegan Ln then left on Dayton Rd
 3. Turn right on Ord Ferry then left on CA HWY 45 S
 4. Turn right onto CA HWY 162 W
 5. Turn left on Co Rd 306/Sanhedrin Rd
 6. Turn right on road 308

- Incident Command Post (Square with 'ICP')
- Staging Area (Circle with 'S')
- Drop Point (Circle with 'D')
- Water Source (Circle with 'W')
- Helibase (Circle with 'H')
- Helispot (Circle with 'HSP')
- Uncontrolled Fire Edge (Red line)
- Completed Fire Edge (Black line)
- Completed Dozer Line (Line with 'XXX')
- Completed Line (Solid line)
- Hand Line (Dashed line)
- Fire Station (Circle with 'F')

NAD83
Scale-1:300,000

Travel Map Tehama Zone

BTU/TGU Lightning Complex
CA-BTU-009692

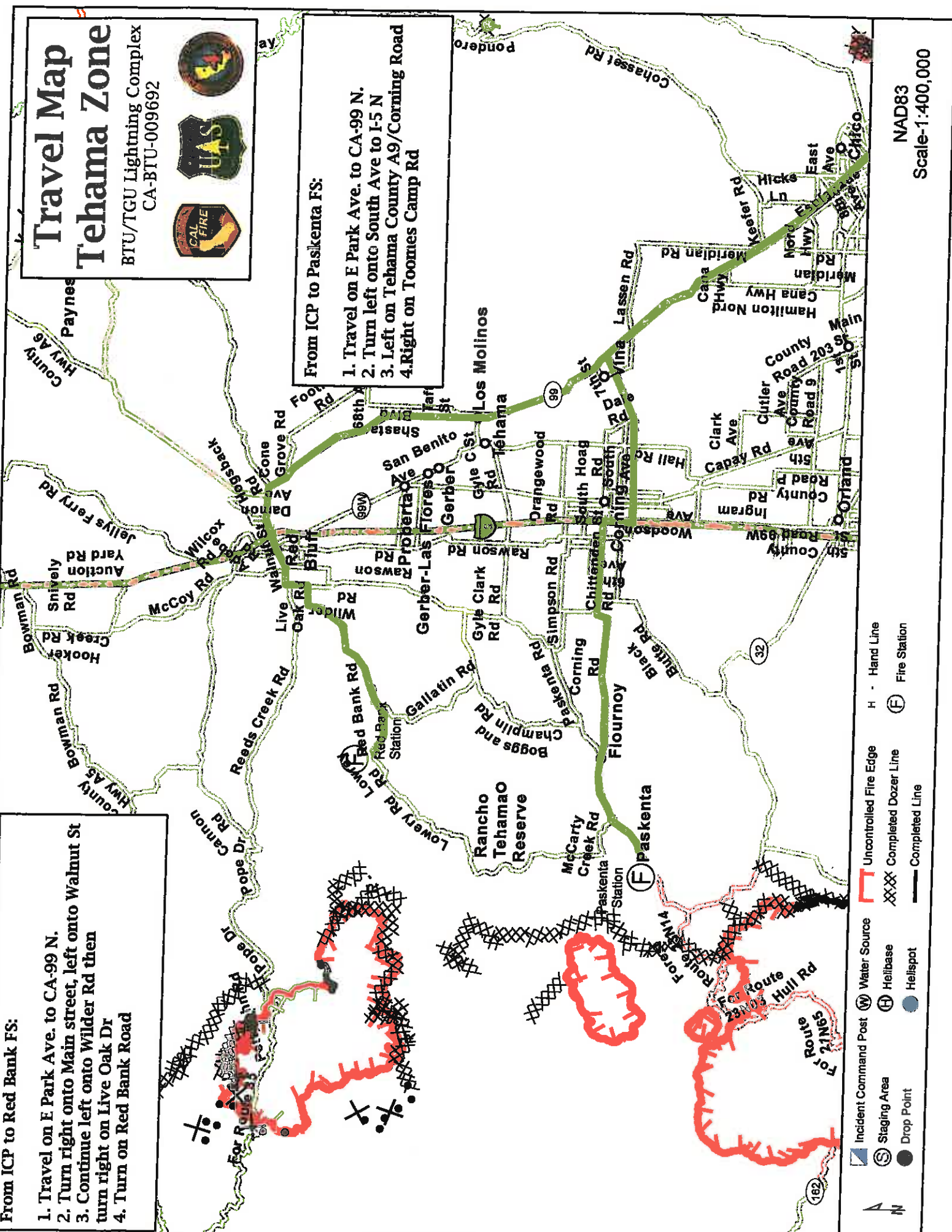


From ICP to Pasikenta FS:

1. Travel on E Park Ave. to CA-99 N.
2. Turn left onto South Ave to I-5 N
3. Left on Tehama County A9/Corning Road
4. Right on Toomes Camp Rd

From ICP to Red Bank FS:

1. Travel on E Park Ave. to CA-99 N.
2. Turn right onto Main street, left onto Walnut St
3. Continue left onto Wilder Rd then turn right on Live Oak Dr
4. Turn on Red Bank Road



- Incident Command Post
- Water Source
- Staging Area
- Helibase
- Drop Point
- Uncontrolled Fire Edge
- Completed Dozer Line
- Completed Line
- Hand Line
- Fire Station

NAD83
Scale-1:400,000

