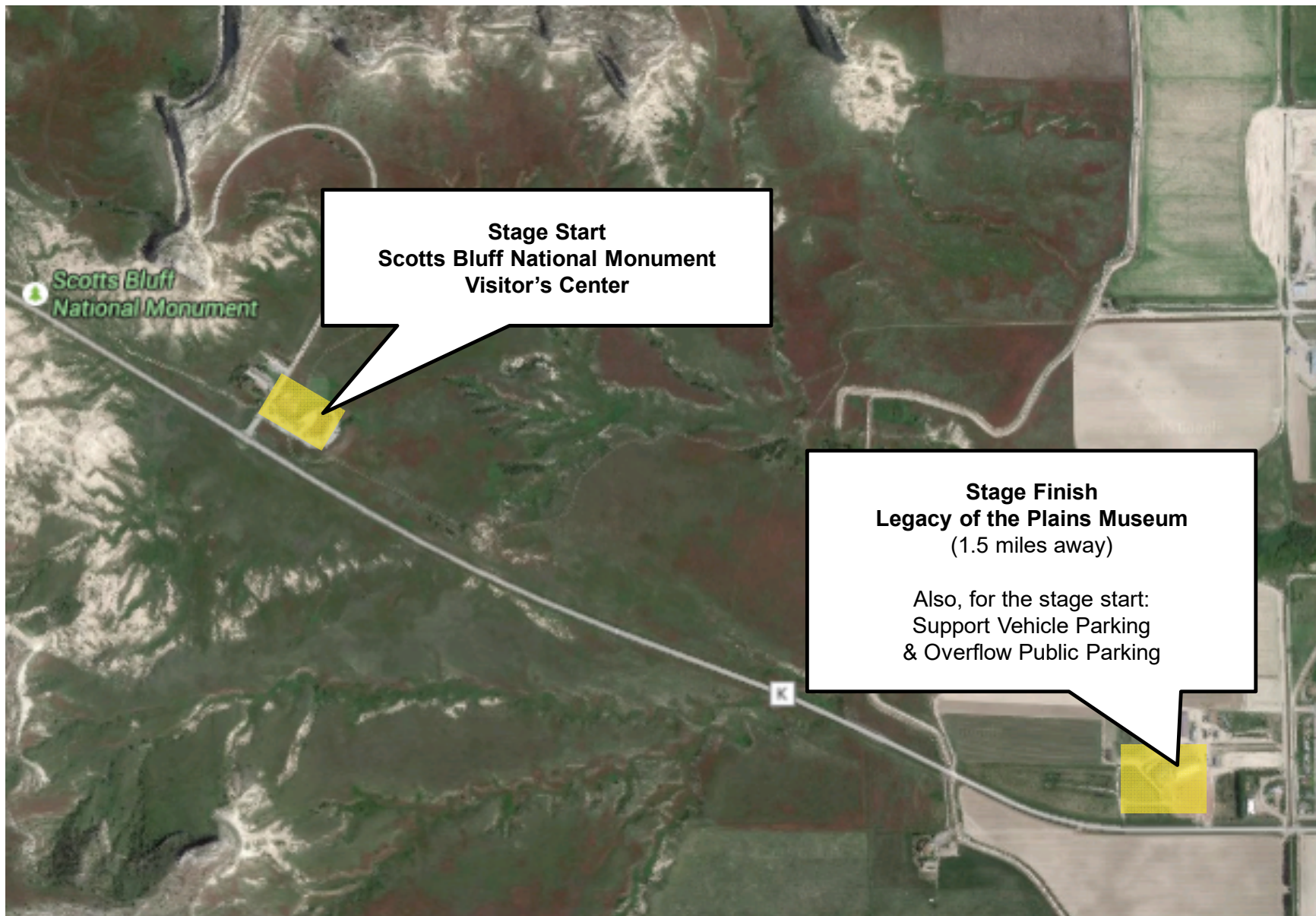


STAGE 2

PART A

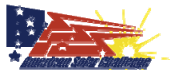
2018 AMERICAN SOLAR CHALLENGE

Gering, NE – Casper, WY



Gering, NE Stage Point Overview





Scotts Bluff National Monument – Gering, NE – Stage Start



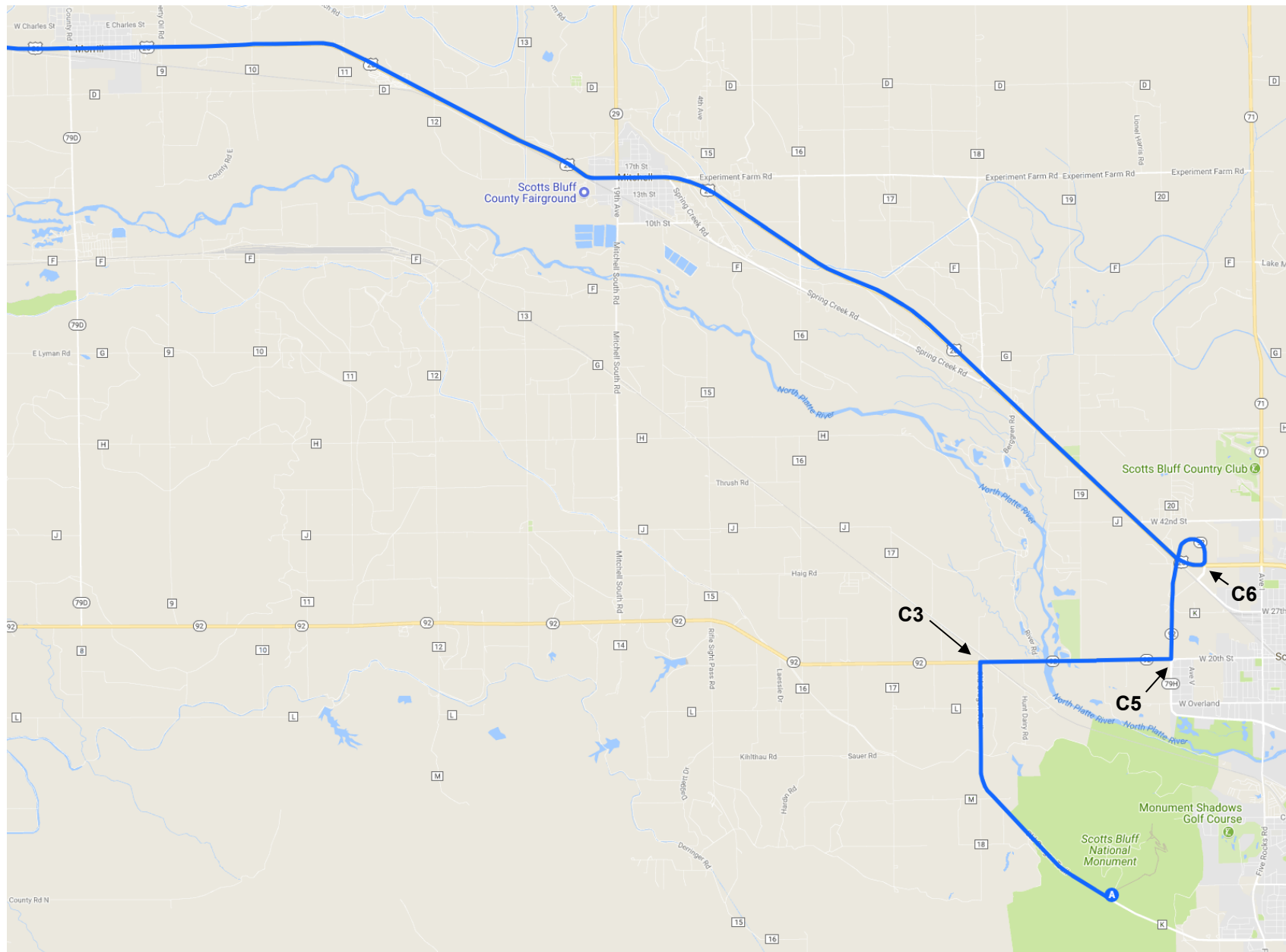
SUPPORT VEHICLE ROUTE OVERVIEW



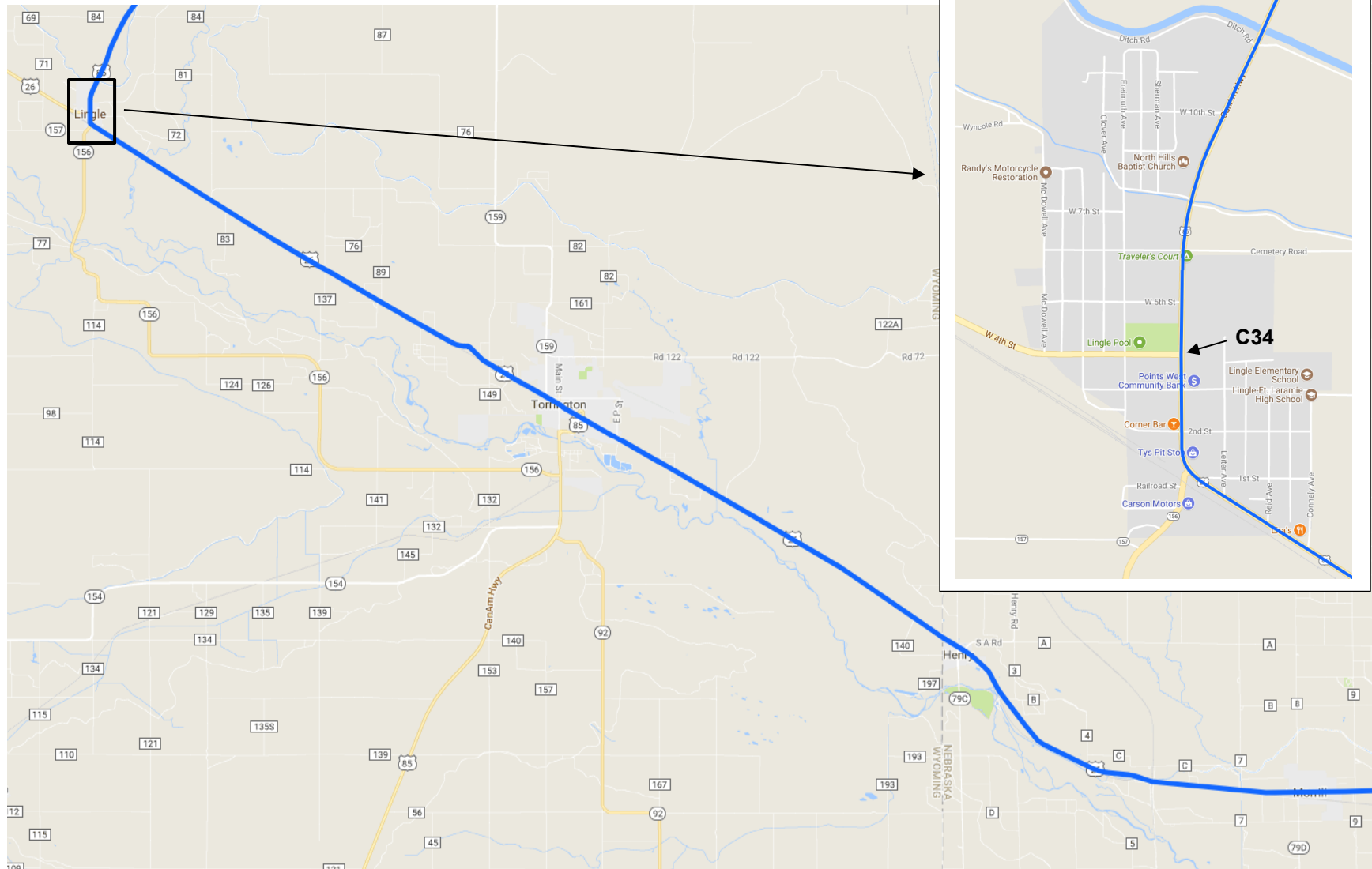
SUPPORT VEHICLE ROUTE (NOT SOLAR CAR ROUTE!)

Step	Trip	Int	Direction
1	0		Follow solar car route until C63
2	134.3	134.3	Turn right and merge onto I-25 North towards Douglas
3	195.7	61.4	Take exit 189 toward US-20 W/US-26 W/Shoshoni/Port of Entry
4	195.9	0.2	Keep right, follow signs for Events Center/Historic Trails Center and merge onto Events Dr
5	196.2	0.3	Turn right onto N Poplar St
6	196.3	0.1	Turn left onto Wilkins Way at the sign for the National Historic Trails Interpretive Center

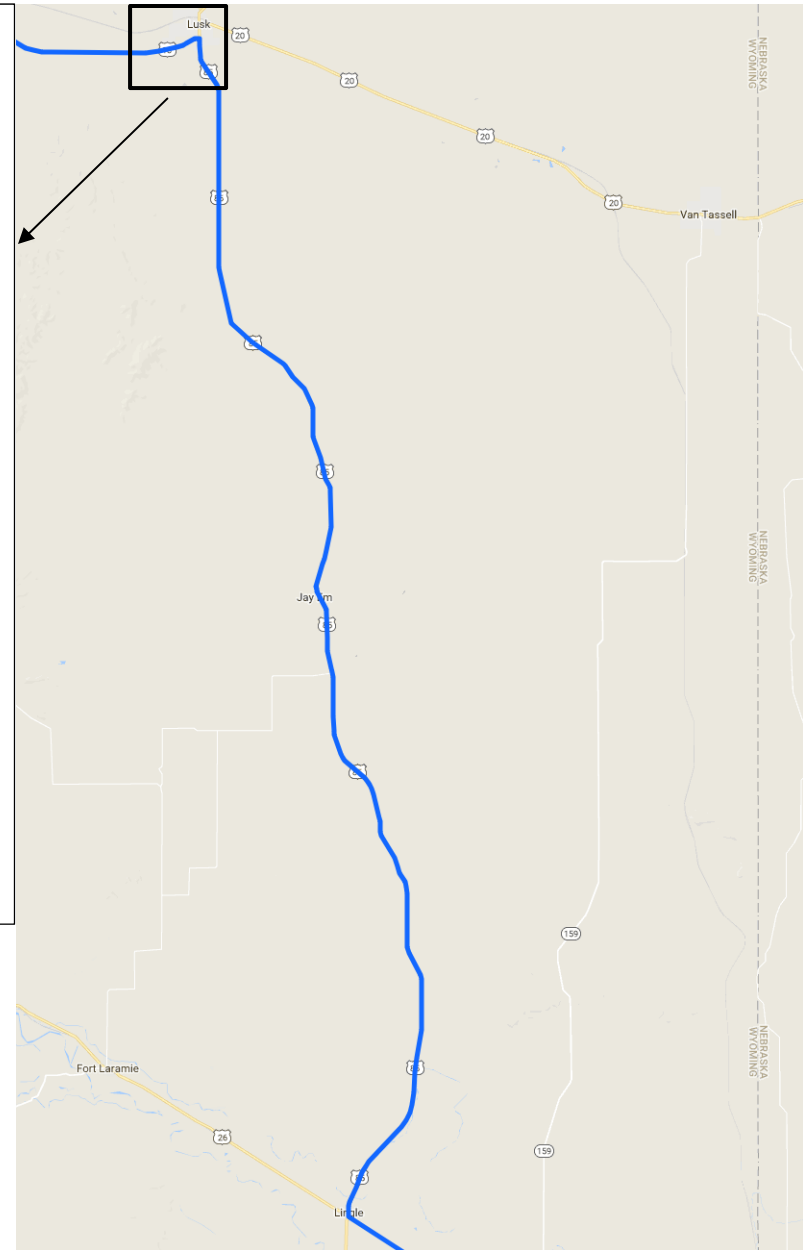
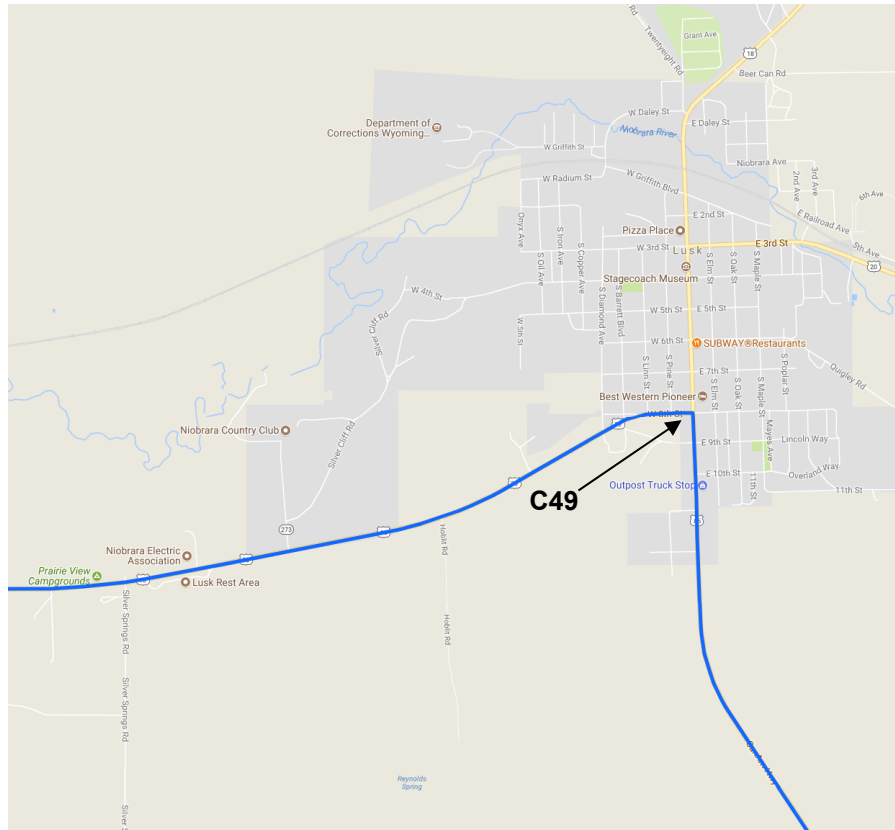
A map of South Dakota with a blue route highlighted. The route starts in Pierre, goes north to Rapid City, then west through the Black Hills region, passing through towns like Spearhead, Rapid City, and Pierre. It then turns south, passing through Deadwood, and ends in Rapid City. The map shows major highways, towns, and geographical features like the Black Hills and Mount Rushmore.



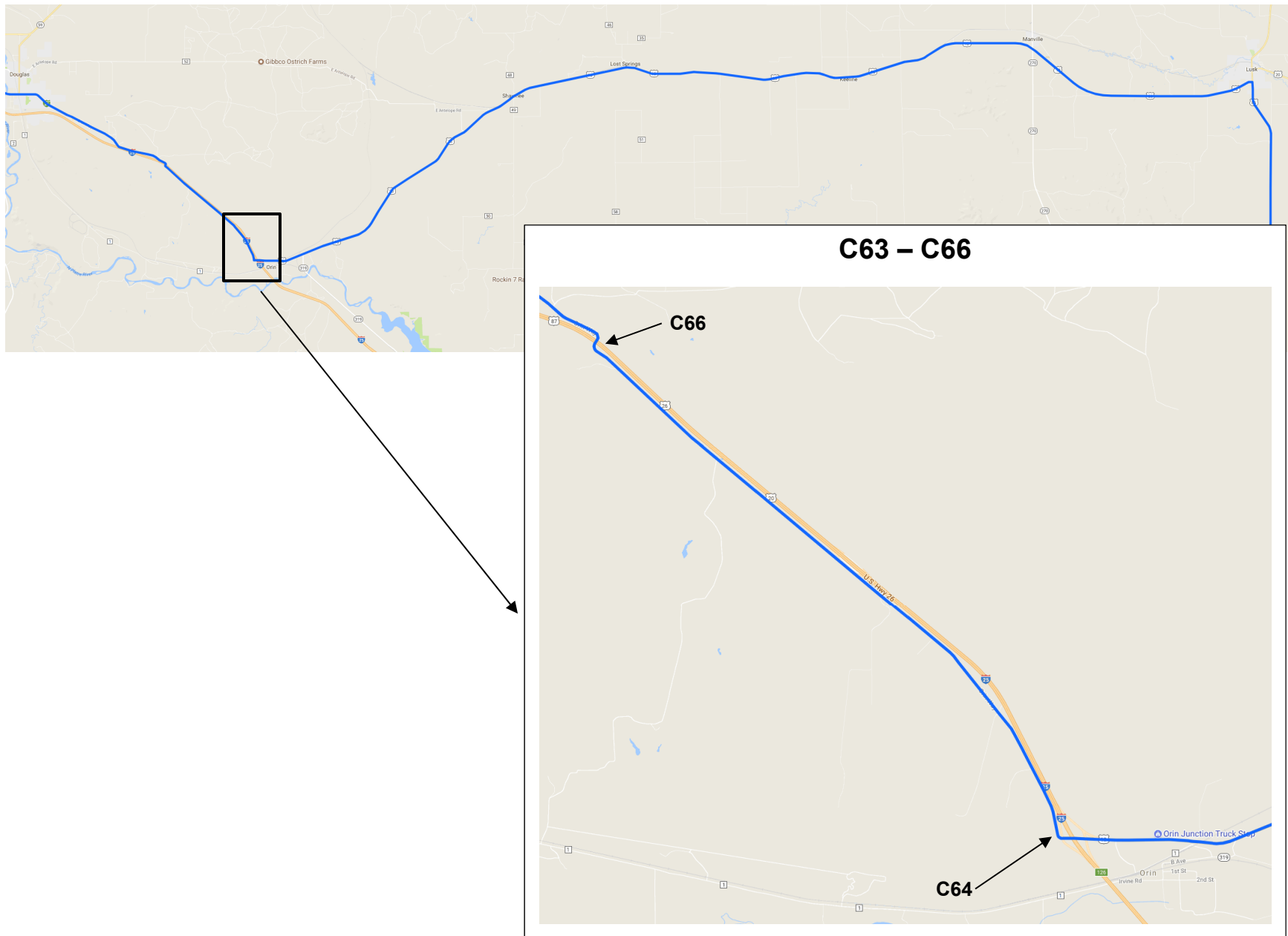
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
C 1	0.00		TURN RIGHT out of the Scotts Bluff National Monument parking lot onto the highway		1	45	grass/ gravel	
C 2	1.50	1.50				55		
C 3	3.20	1.70	TURN RIGHT onto NE-92 East at the stop sign					
C 4	3.30	0.10		RR Tracks - diagonal, big gaps		60		
C 5	5.30	2.00	TURN LEFT at flashing red and stop sign to follow NE-92			55	paved	
C 6	7.10	1.80	TURN RIGHT at the yield onto US-26 West	Merge left	2	65	Wide paved	
C 7	14.20	7.10				45		
C 8	14.50	0.30		Entering Mitchell (Pop 1,831)	2	30	curb	fuel, food
C 9	14.70	0.20		SL for crosswalk				
C 10	14.80	0.10		SL for Center Ave				
C 11	15.40	0.60				50		
C 12	15.60	0.20		RR Tracks	2	65	wide paved	
C 13	17.00	1.40		Large paved pulloff on right				
C 14	19.40	2.40		Right lane ends 1/4 mile ahead, merge left	1	65	wide paved	
C 15	20.30	0.90		Entering Morrill (Pop 974, Elev 3,990ft)		45		fuel, food
C 16	20.80	0.50		Bright chrome "Penny's Dining Car" on right				
C 17	20.90	0.10				25	curb	



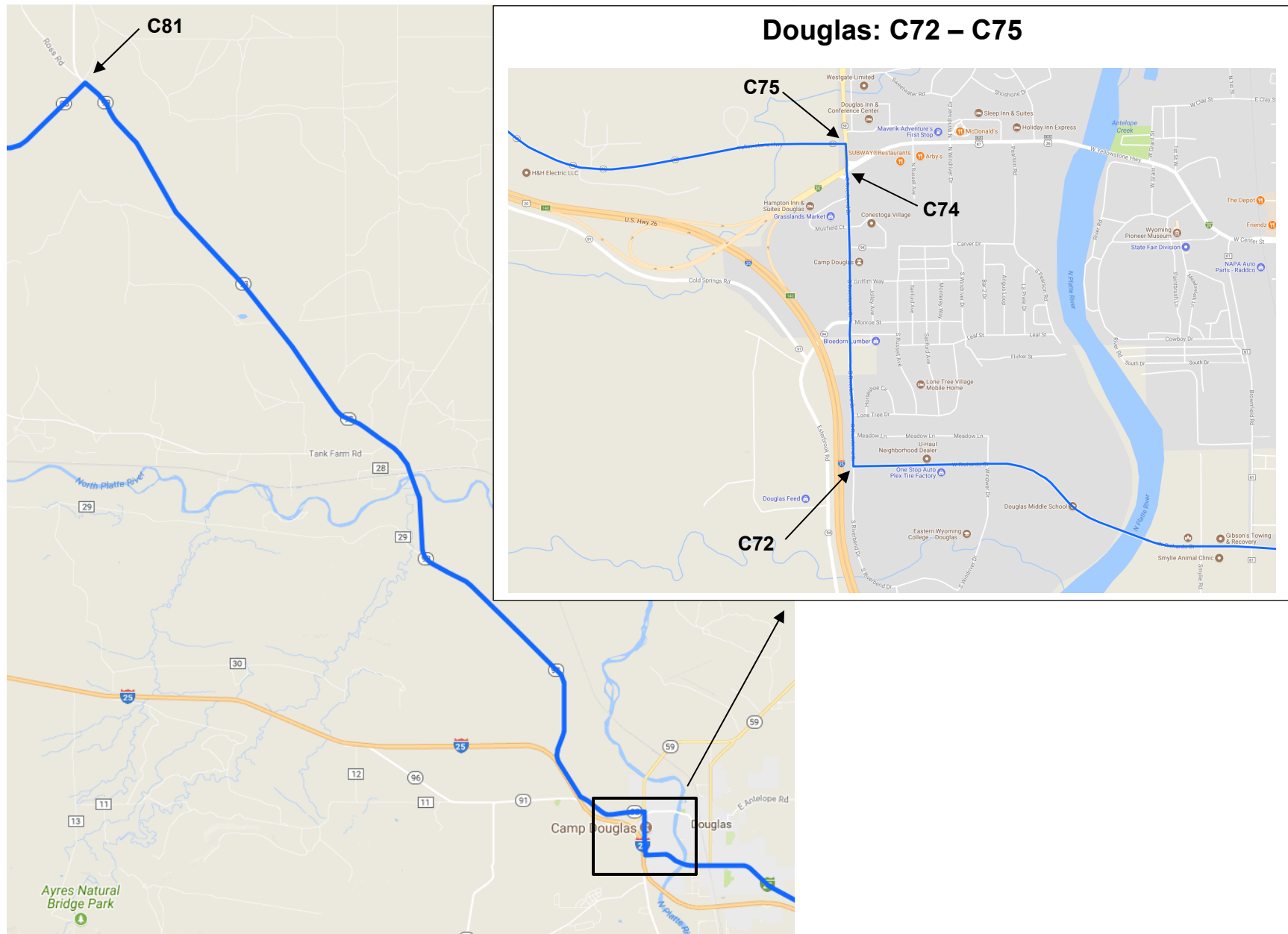
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
C 18	21.50	0.60			1	45		
C 19	21.90	0.40			1	65	paved	
C 20	25.60	3.70		Gravel pullout with picnic shelter on right				
C 21	28.20	2.60		Entering Henry (Pop 145)		45		
C 22	28.60	0.40				65		
C 23	29.00	0.40		Welcome to Wyoming	1	70	narrow paved	
C 24	35.20	6.20		Entering Torrington (Pop 6,501, Elev 4,104ft)	1	45	grass/gravel	food, fuel, hotels
C 25	36.20	1.00				30		
C 26	36.30	0.10	CONTINUE STRAIGHT to follow US-26 West	SL for Junction with US-85			curb	
C 27	36.70	0.40		SL for Junction with US-85 Business/WY-92	2			
C 28	37.00	0.30		SL for West C St	2		curb	
C 29	37.50	0.50				45	paved w/ curb	
C 30	39.70	2.20				55		
C 31	41.60	1.90			2	70	paved	
C 32	45.10	3.50		Large paved pulloff/parking area on right				
C 33	46.10	1.00	CAUTION! ABRUPT speed limit drop! Straight from 70mph to 30mph	Entering Lingle (Pop 468, Elev 4,165ft)		30	curb	fuel
C 34	46.60	0.50	CONTINUE STRAIGHT to follow US-85 North	Junction US-26 West/US-85 North	2	30	narrow	fuel

Lusk: C48 – C51

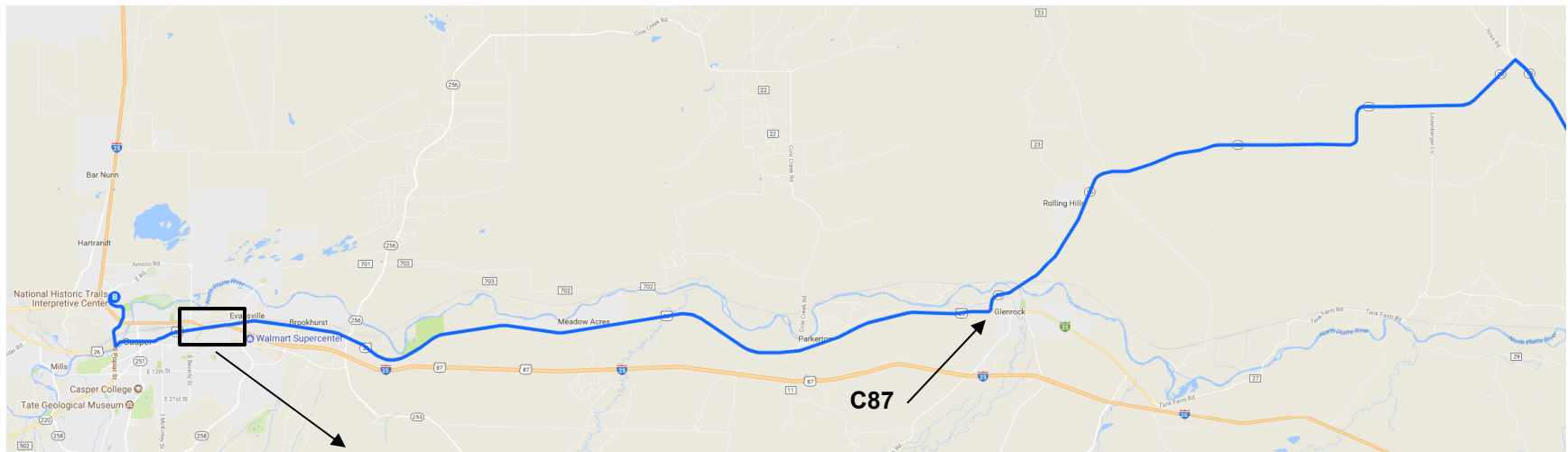
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
C 35	47.00	0.40			2	70		
C 36	47.50	0.50	MERGE LEFT; right lane ends		1		narrow paved	
C 37	53.50	6.00		Mile marker 100			paved	
C 38	57.50	4.00		Pavement changes color from red to light grey				
C 39	63.50	6.00		Mile Marker 120				
C 40	68.90	5.40		"Scent Coffee/Wall Drug" sign on the left				
C 41	70.70	1.80		Historic Jay Em on the left. "On the Rawhide"				
C 42	74.60	3.90		Gain passing lane for the next 3.7 miles	2	70	paved	
C 43	78.30	3.70	MERGE LEFT; right lane ends		1		wide paved	
C 44	82.50	4.20		Entering Niobrara County				
C 45	83.30	0.80		Gain passing lane for the next 1.5 miles	2			
C 46	84.80	1.50	MERGE LEFT; right lane ends		1		wide paved	
C 47	90.60	5.80		Road curves to the left				
C 48	92.20	1.60	CAUTION! ABRUPT speed limit drop! Straight from 70mph to 30mph	Entering Lusk (Pop 1,567, Elev 5,015ft)	2	30	curb	Fuel, Food
C 49	92.80	0.60	TURN LEFT at the SL to follow US-18 and US-20 West towards Douglas		2	30		
C 50	93.20	0.40			1	70	wide paved	
C 51	94.40	1.20		Rest area on left				



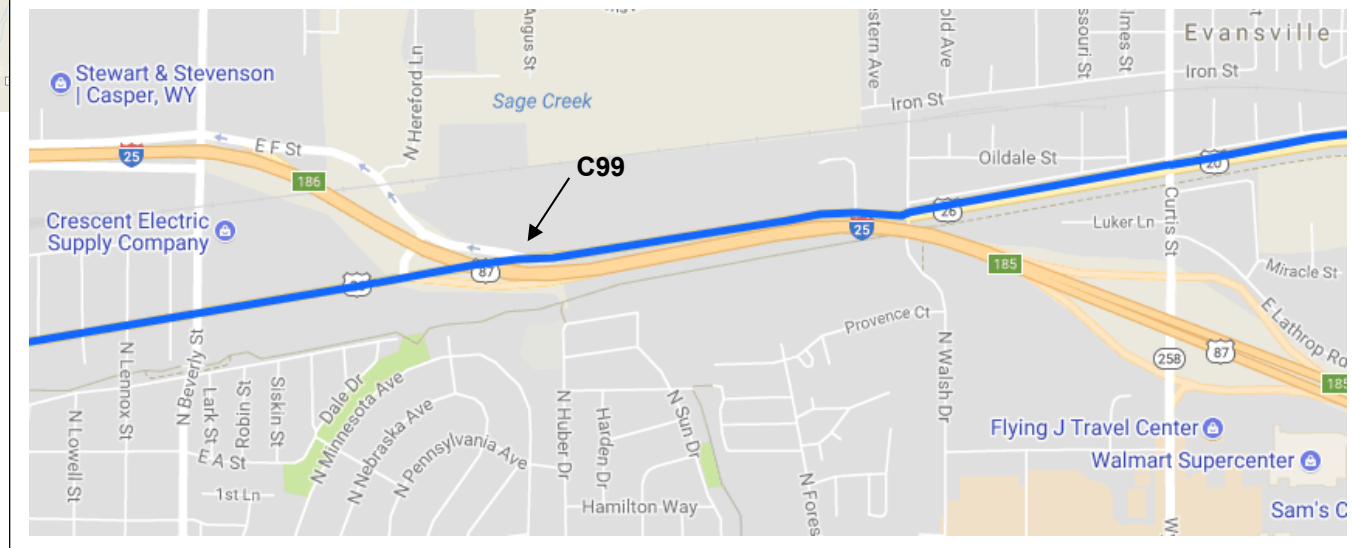
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
C 52	94.80	0.40		Gain passing lane for 2.2 miles	2	70		
C 53	97.00	2.20	MERGE LEFT; right lane ends		1	70	wide paved	
C 54	101.80	4.80		Access to Manville at right			wide paved	
C 55	103.10	1.30		shoulder narrows			narrow paved	
C 56	109.20	6.10		Keeline (Elev 5,377ft)				
C 57	116.20	7.00		Paved pullouts on both sides of the road, entering Converse County				
C 58	117.90	1.70		Lost Springs on right (Pop 4, Elev 4,997ft)				
C 59	122.20	4.30		Shawnee (Elev 5,053ft) Church with playground on left, top of hill.				
C 60	130.40	8.20		"BEEF The American Meal" sign on right				
C 61	131.70	1.30		Platte Valley Farm sign on left				
C 62	133.90	2.20		Sinclair gas station on right				gas
C 63	134.30	0.40		Rest area on left, Junction with I-25		40		
C 64	134.70	0.40	TURN RIGHT after passing over junction with I-25 (forced turn)	You will be driving north, parallel to I-25 on the west side	1	65	none	
C 65	135.10	0.40		Cattle grate				
C 66	139.70	4.60		Sharp right corner! Cross under I-25, 13' 8" bridge height. Sharp left corner with cattle grate.				
C 67	143.40	3.70		Access to I-25 on left ahead	2	45	paved w/ curb	fuel
C 68	144.90	1.50	MERGE LEFT; right lane ends	Entering Douglas (Pop 6,120, Elev 4,836ft)	1			



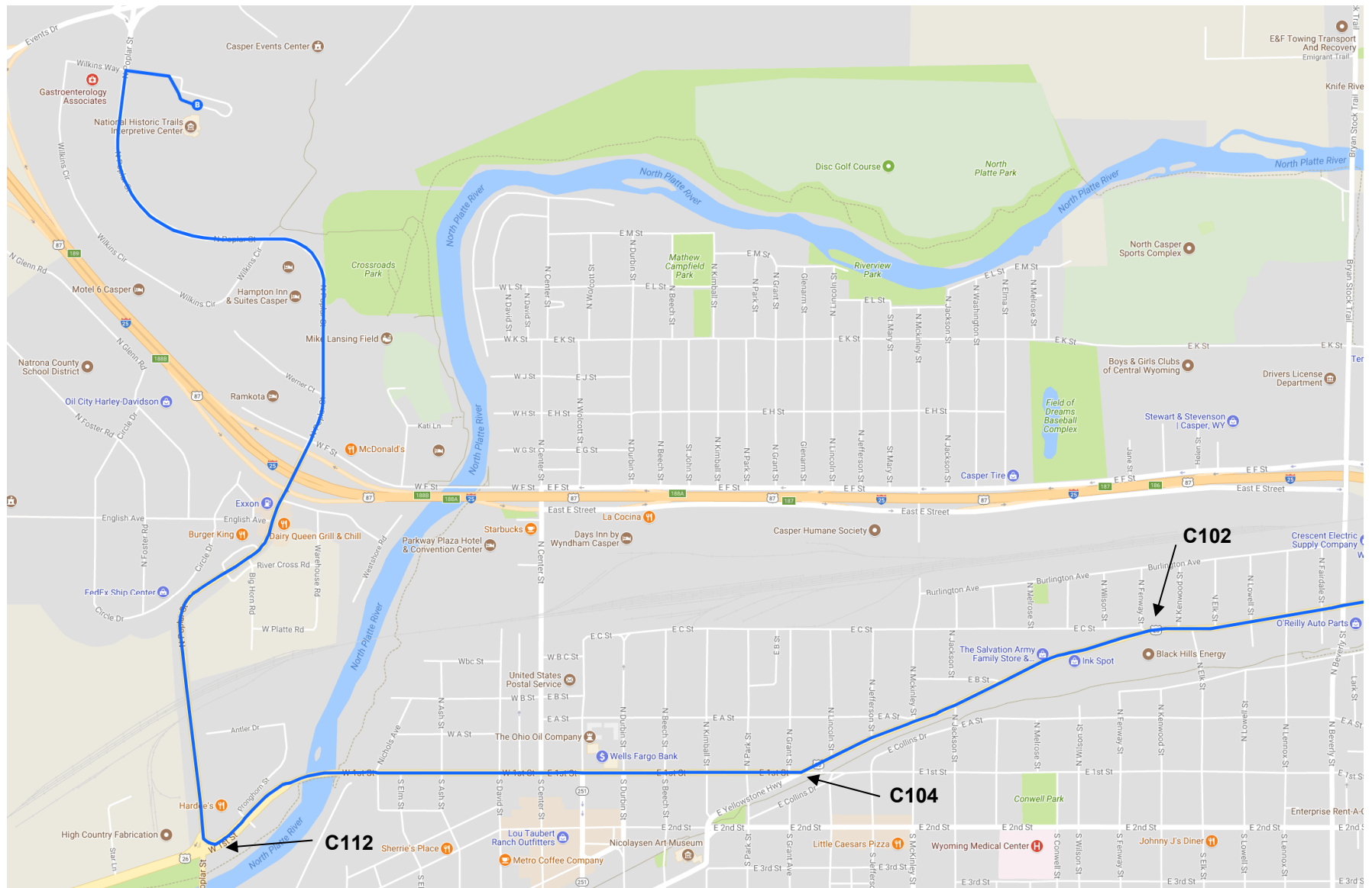
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
C 69	145.00	0.10		Shopco and Safeway on right	1	30		fuel, food
C 70	146.00	1.00		Historic Plains Motel on right				
C 71	146.20	0.20		SL for La Bonte Rd/4th St, followed by RR Tracks			paved w/ curb	
C 72	147.50	1.30	TURN RIGHT at the stop sign for S Riverbend Dr		1	30	paved w/ curb	
C 73	148.00	0.50			2	30		
C 74	148.20	0.20	CONTINUE STRAIGHT, do not turn left here - I-25 onramp!	SL for Yellowstone Highway with access to I-25 at left				fuel
C 75	148.30	0.10	TURN LEFT at first road after the SL	Brown sign pointing left for "STATE HISTORIC SITE: FORT FETTERMAN" on right side of the road	2	70	narrow paved	
C 76	148.60	0.30		Brown sign on right for Fort Fetterman 7 miles ahead				
C 77	149.10	0.50	MERGE LEFT; right lane ends	Small wind turbine past crest of hill on left	1	70		
C 78	156.00	6.90		Access to Fort Fetterman Historic Site on right				
C 79	156.90	0.90		RR Tracks				
C 80	157.40	0.50		Paved pulloff on right for a Point Of Interest: One Mile Hog Ranch				
C 81	166.30	8.90	TURN LEFT at junction with WY-95 towards Glenrock. Small yellow sign for WY-95.	WARNING: PAY ATTENTION, EASY TO MISS. No turn lane, very little signage. At mile marker 18	1	65	narrow paved	
C 82	166.60	0.30		Sign on right: Rolling Hills 13, Glenrock 17. Large oil derrick on right. Wind farm ahead and on right in the distance.				
C 83	180.00	13.40		Access to Rolling Hills (Pop 440, Elev 5,291ft) on right	1	65		Fuel
C 84	180.60	0.60		Paved pulloff on right				



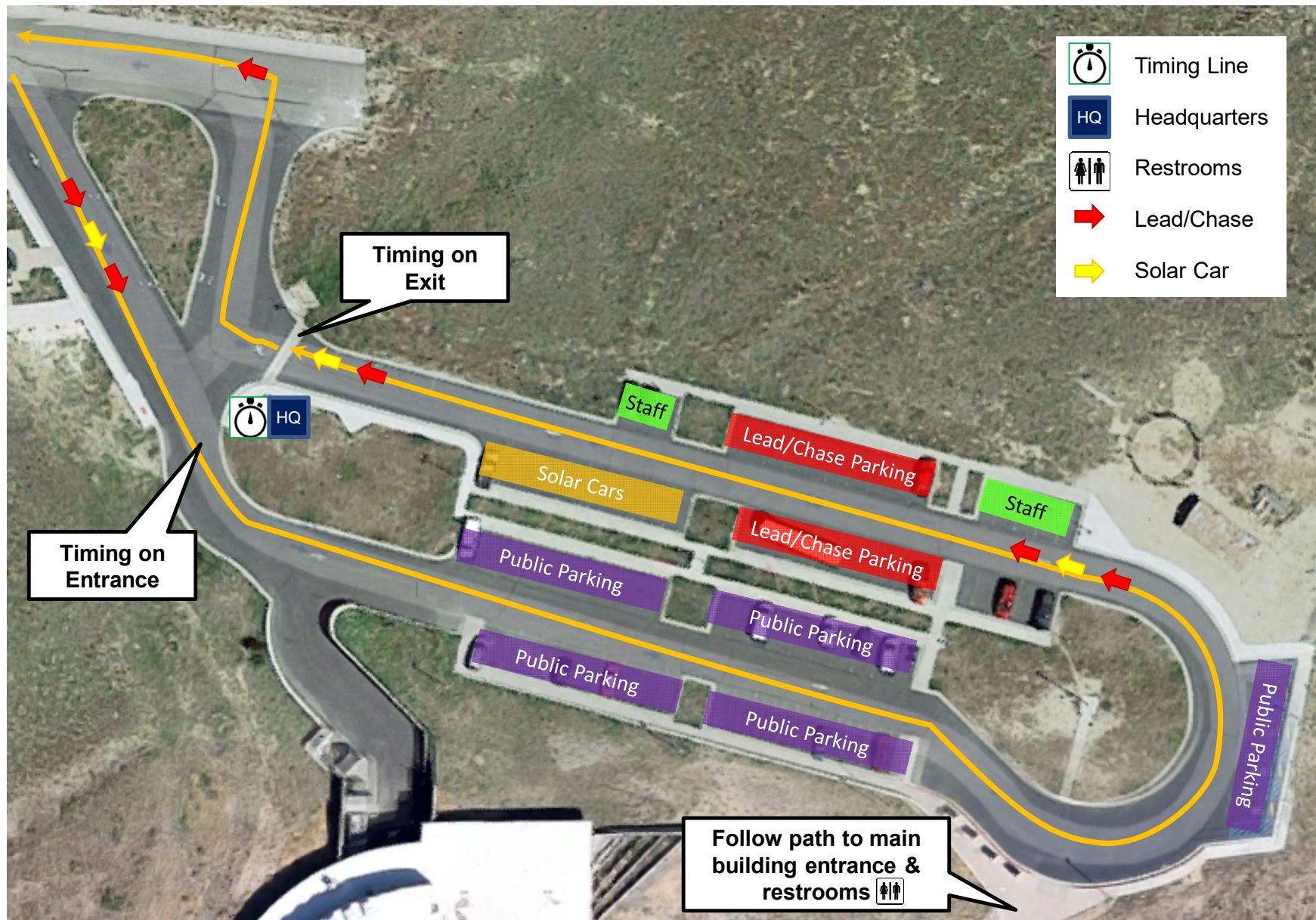
Steps C94 – C101



Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
C 85	181.20	0.60		5% downward grade next 1.3 miles	1	65		
C 86	181.90	0.70				55	paved	
C 87	183.50	1.60	TURN RIGHT before stop sign onto US-20 West	Merge left after turning, right lane ends in 1/4 mile ahead.	2	45		
C 88	184.10	0.60			1	70	narrow paved	
C 89	184.50	0.40		Oval dirt racetrack on right				
C 90	190.90	6.40		Pulloff on right with historical marker - mostly gravel			paved	
C 91	193.80	2.90		Entering Natrona County				
C 92	196.60	2.80		Round-Up Road				
C 93	199.10	2.50		Edness K Wilkins State Park access on right - cattle grate, large concrete pulloff before gatehouse				
C 94	201.20	2.10		Entering Evansville (Pop 2,544, Elev 5,123ft)	2	55	narrow paved	
C 95	202.60	1.40		Sinclair Casper Refinery on right				
C 96	203.50	0.90			2	40	gravel	
C 97	204.20	0.70		SL for Curtis St. Interstate access to left			curb	
C 98	204.60	0.40		Entering Casper (Pop 55,316, Elev 5,123ft)				Full services
C 99	205.10	0.50	CONTINUE STRAIGHT - do not exit right on Bryan Stock Trail					
C 100	205.30	0.20				30		
C 101	205.60	0.30		SL for N Beverly St				



Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
C 102	206.00	0.40	CONTINUE STRAIGHT on US-20 Business/Yellowstone Highway	Do not exit right at the Peerless Tires	2	30		
C 103	206.40	0.40		SL for East A St/N McKinley St				
C 104	206.60	0.20	TURN RIGHT at SL for E 1st St towards I-25 North	Galles Liquor Mart on right	2	30	curb	
C 105	206.80	0.20		SL for N Beech St				
C 106	206.90	0.10		SL for N Burbin St				
C 107	207.00	0.10		SL for N Wolcott St				
C 108	207.00	0.00		SL for N Center St				
C 109	207.10	0.10		SL for N David St				
C 110	207.20	0.10		SL for N Ash St				
C 111	207.40	0.20		Cross bridge over North Platte River	2	40		
C 112	207.70	0.30	TURN RIGHT at SL for N Poplar St		2	40	curb	
C 113	208.00	0.30				30		
C 114	208.30	0.30		SL for English Ave				
C 115	208.40	0.10		2 SLs for intersections with I-25				Full services
C 116	208.45	0.05		SL for F St				
C 117	208.50	0.05			2	40	curb	
C 118	209.30	0.80	TURN RIGHT at the sign for the National Historic Trails Interpretive Center	Follow staff directions				



National Historic Trails Interpretive Center – Casper, WY – Checkpoint





National Historic Trails Interpretive Center – Casper, WY – Checkpoint



