

STAGE 1

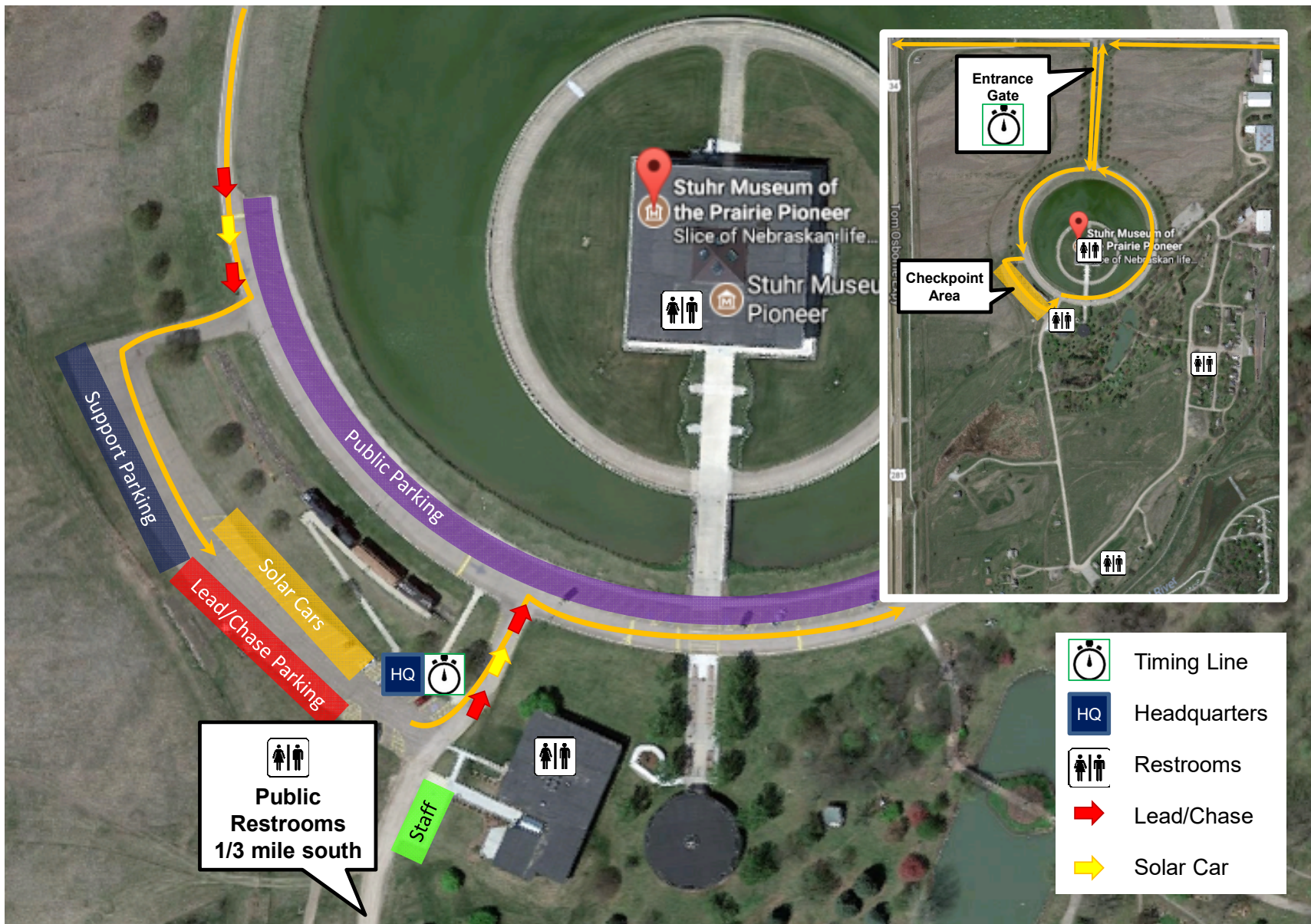
PART B

2018 AMERICAN SOLAR CHALLENGE

Grand Island, NE – Gering, NE

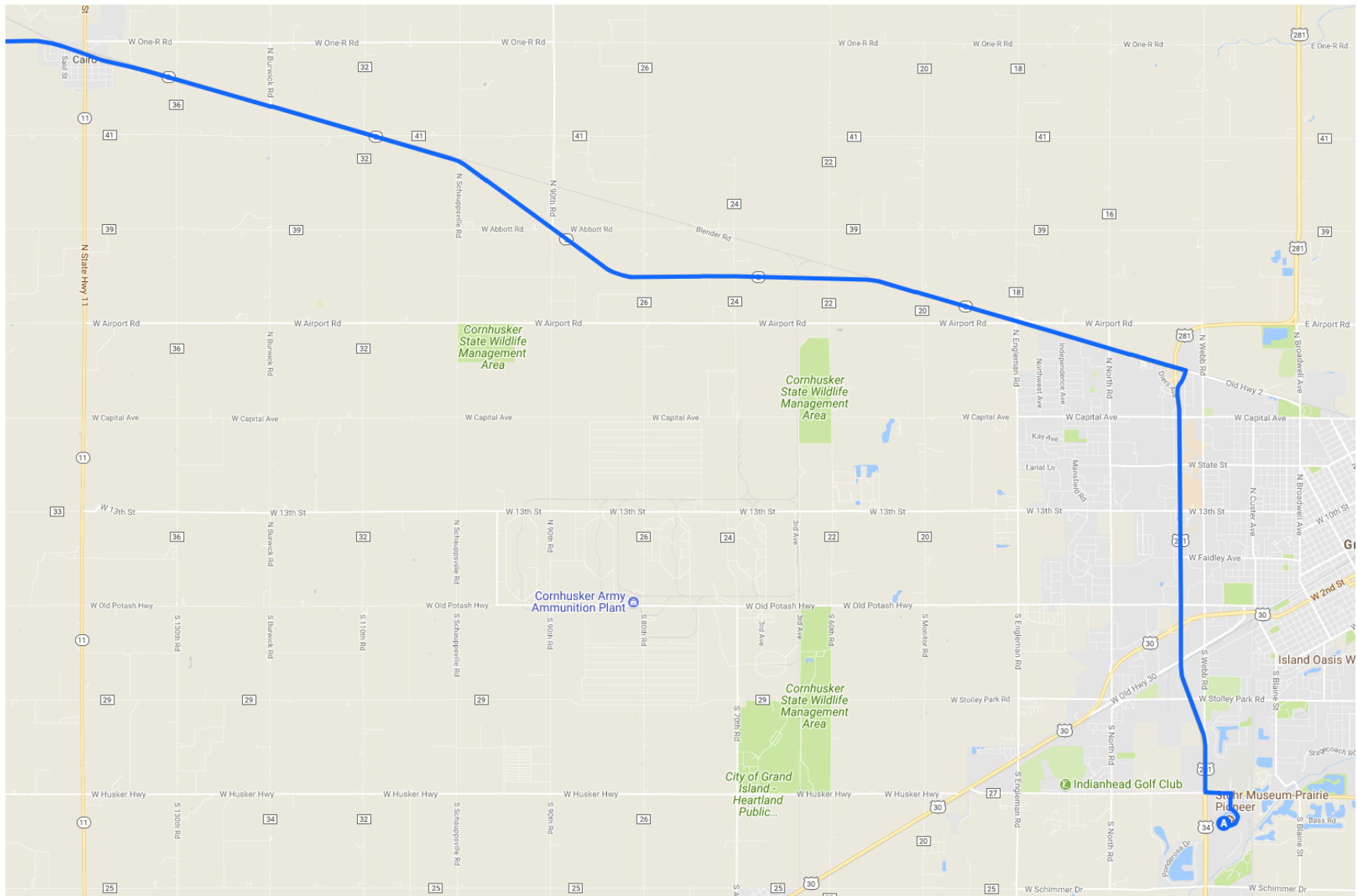
The map displays the state of Nebraska with a blue line indicating a route. The route begins at Scottsbluff in the west, travels east through Kearney, and ends near Grand Island. Key geographical features include the Nebraska National Forest and Wildlife Refuge in the north, the Nebraska River flowing through the center, and the Pawnee National Grassland in the south. Major cities and towns are labeled, including Scottsbluff, Kearney, and Grand Island. The map also shows various highways and smaller towns throughout the state.

Support vehicles will follow the solar car route on this section

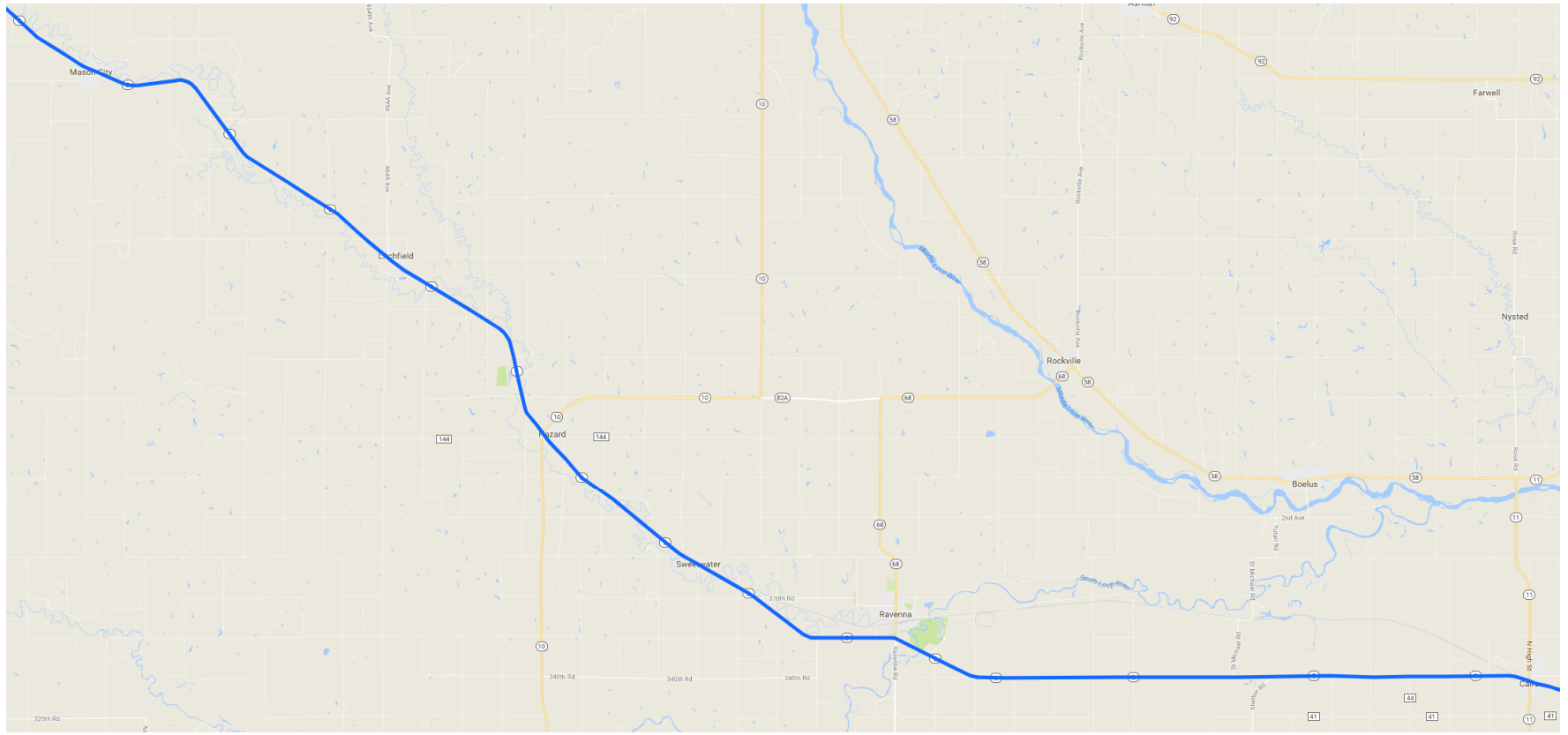


Stuhr Museum of the Prairie Pioneer – Grand Island, NE – Checkpoint

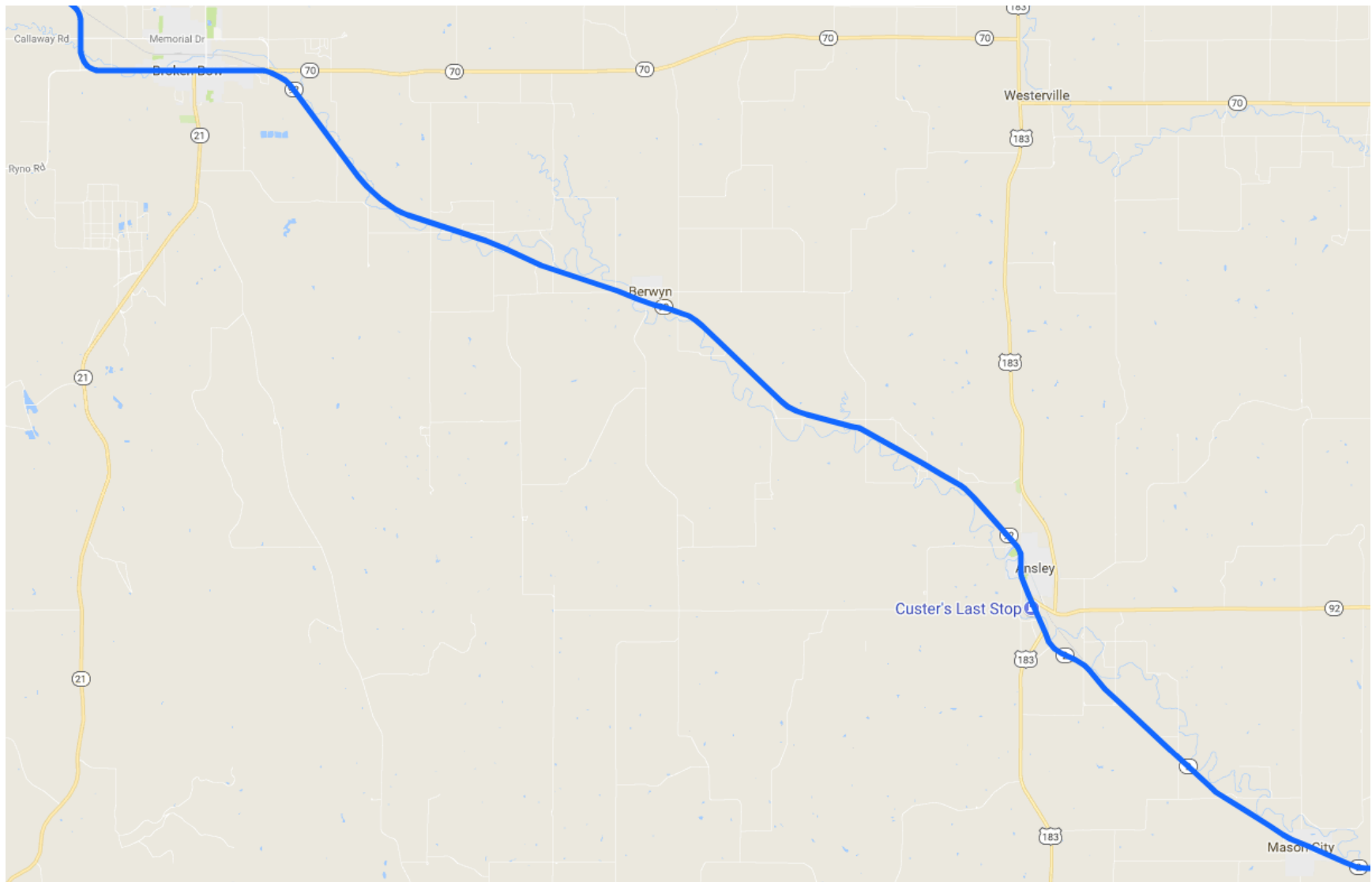




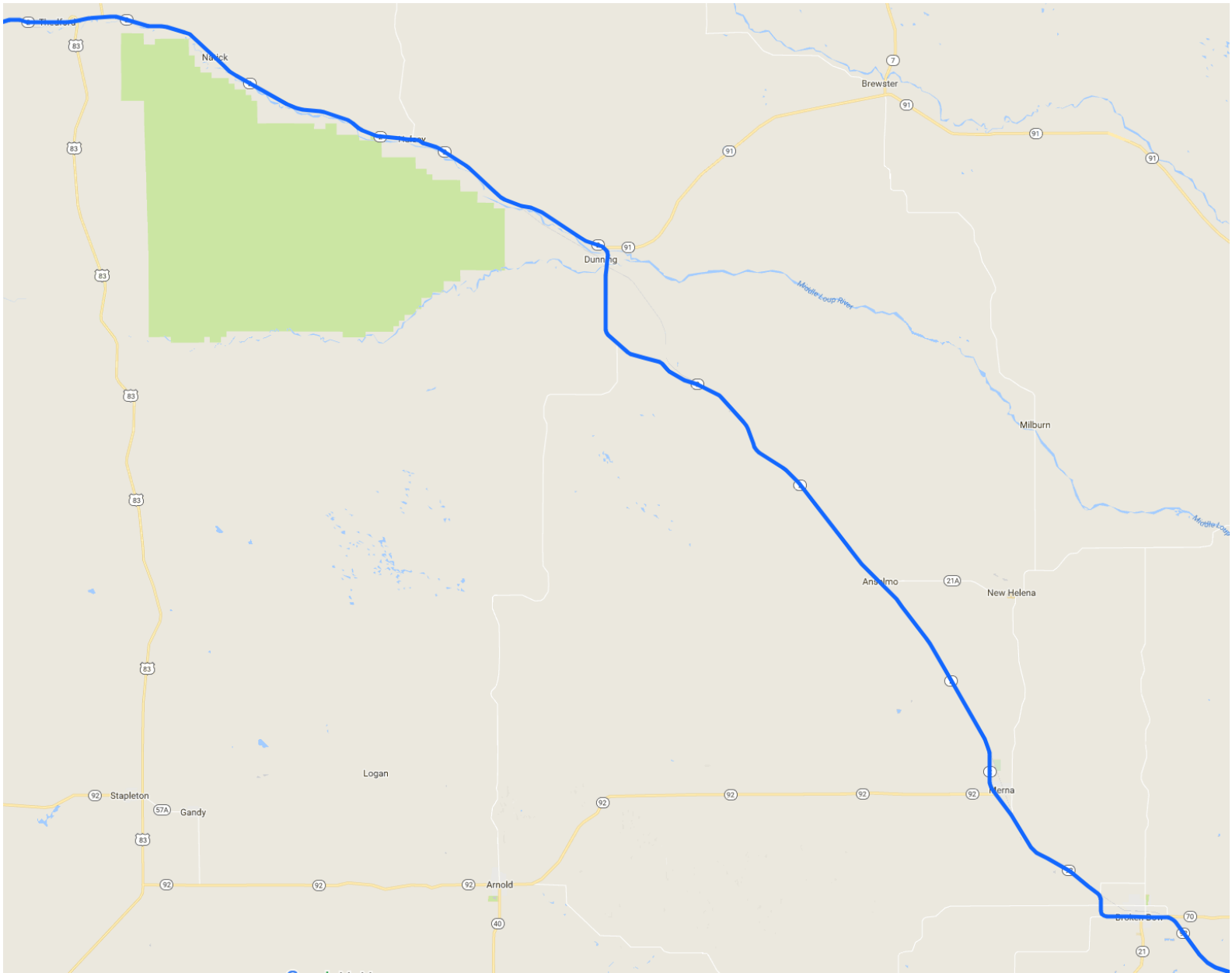
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
B 1	0.00		TURN LEFT onto US-34 exiting the Stuhr Museum		2	50	wide paved	
B 2	0.30	0.30	TURN RIGHT at the SL for US-281 to follow NE-2		2	50	wide paved	
B 3	1.30	1.00		SL for Stolley Park Rd				
B 4	1.70	0.40				45		
B 5	2.00	0.30		SL for US-30 East				
B 6	2.20	0.20		SL for US-30 West				
B 7	2.30	0.10		SL for Old Potash Hwy				
B 8	2.80	0.50		SL for Faidley Ave	2	45	paved	
B 9	3.30	0.50		SL for 13th St				Full Services
B 10	3.80	0.50		SL for Slate St				
B 11	4.30	0.50		SL for Capitol Ave				
B 12	4.50	0.20	EXIT RIGHT onto NE-2 West towards Broken Bow					
B 13	4.90	0.40	TURN LEFT at the stop sign with signs for NE-2 West	Cross traffic does not stop. Continue to follow signs for NE-2 West for next ~270 miles	2	50	curb	
B 14	5.30	0.40	MERGE RIGHT; left lane ends 3/4 mile ahead		2	55	paved	
B 15	6.60	1.30		Cross Silver Creek	1	65	paved	
B 16	9.10	2.50		RR Tracks				
B 17	16.90	7.80		Entering Cairo (Pop 790)		45	curb	



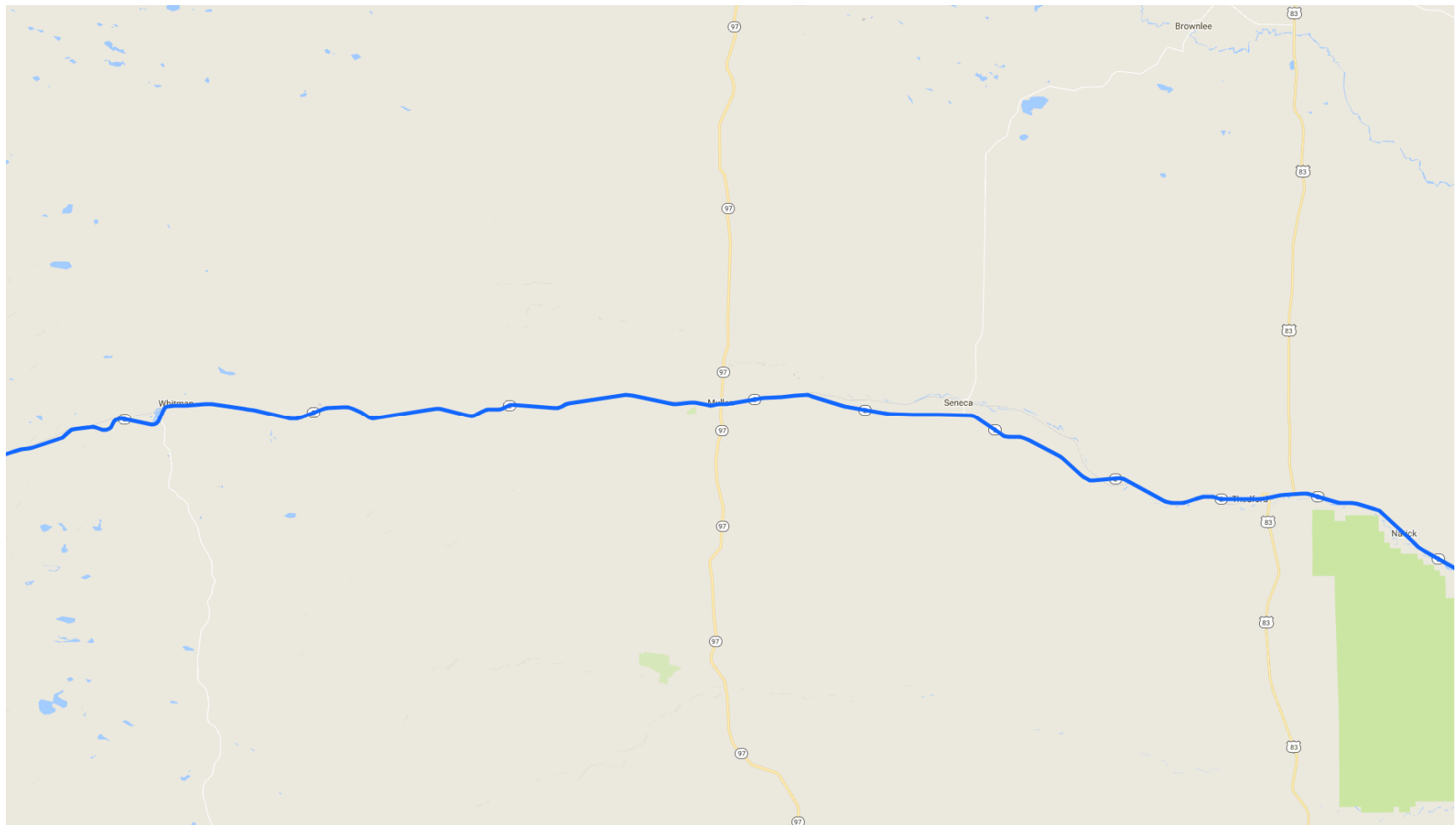
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
B 18	17.10	0.20			1	35		
B 19	17.30	0.20		Junction NE-11				fuel
B 20	17.40	0.10				45		
B 21	17.90	0.50				65	paved	
B 22	23.40	5.50		Entering Buffalo County				
B 23	24.70	1.30		St. Michael Rd				
B 24	32.90	8.20		Entering Ravenna (Pop 1,360)				
B 25	33.20	0.30				45		
B 26	33.50	0.30		Flashing yellow for NE-68, access to Ravenna to the right				fuel, Subway
B 27	33.80	0.30			1	65	paved	
B 28	39.00	5.20		Sweetwater (unincorporated)				
B 29	39.40	0.40		Entering Sherman County				
B 30	44.20	4.80	CONTINUE STRAIGHT on NE-2	Junction with NE-10 in Hazard (Pop 70). Watch out for cross traffic (they have a stop sign)				
B 31	49.80	5.60		Entering Litchfield (Pop 280)		55		fuel
B 32	50.50	0.70				65		
B 33	53.60	3.10		Entering Custer County				
B 34	59.20	5.60		Entering Mason City (Pop 170) Campground and picnic area across the train tracks to the right		45		



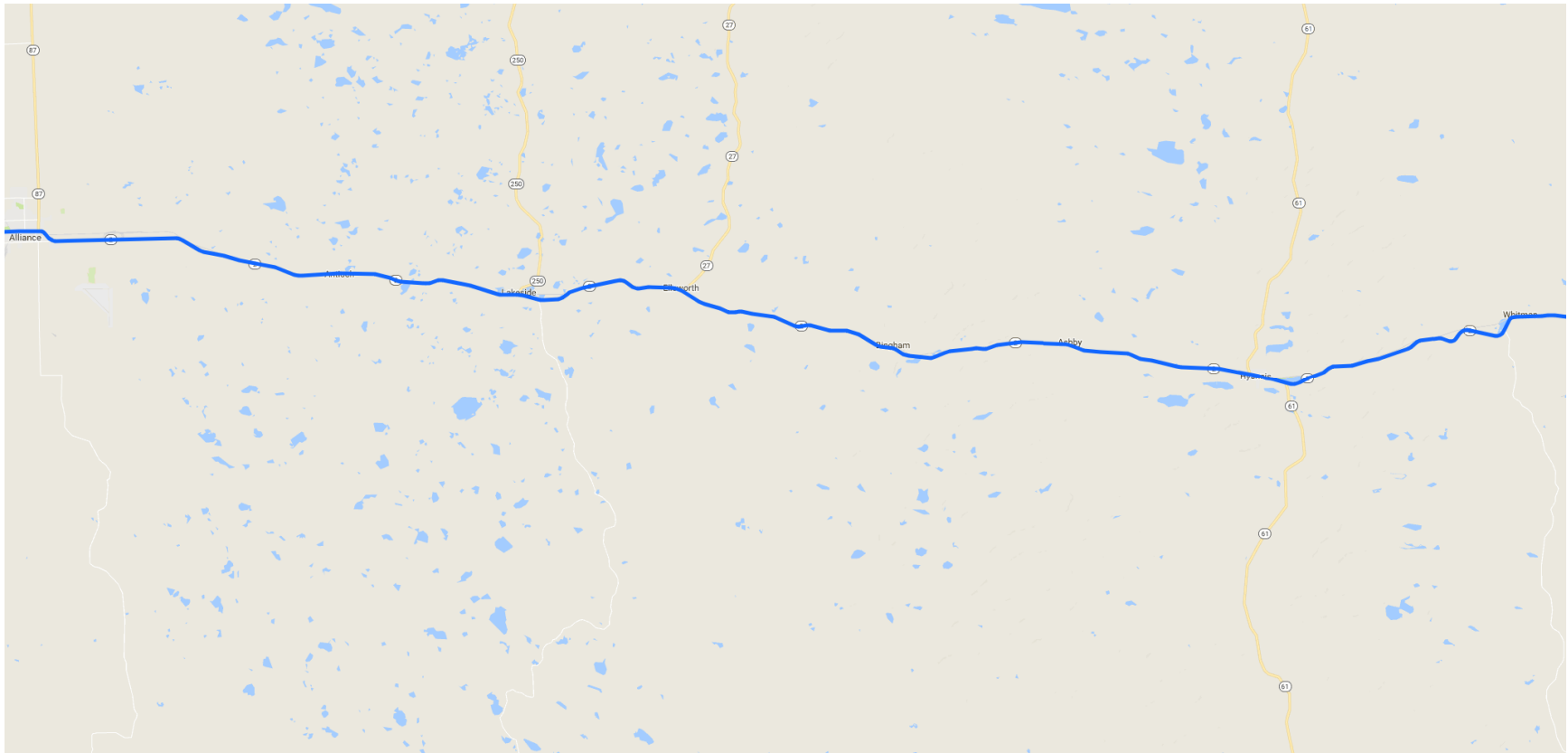
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
B 35	60.00	0.80			1	65		
B 36	64.80	4.80	CONTINUE STRAIGHT on NE-2	Picnic pulloff area on right, Junction US-183 left towards Miller (24 miles)				
B 37	65.40	0.60	CONTINUE STRAIGHT on NE-2	Junction US-183 and NE-92		45		fuel
B 38	65.90	0.50		Entering Ansley (Pop 441)			curb	
B 39	66.30	0.40		Historic marker and city park on left				
B 40	66.50	0.20			1	65	paved	
B 41	73.70	7.20		Entering Berwyn (Pop 83)				
B 42	80.50	6.80				50		
B 43	81.00	0.50		Entering Broken Bow (Pop 3,559) Junction with NE-70 to the right	2	50	curb	Full Services, hospital access at right
B 44	81.40	0.40				40		
B 45	81.50	0.10				35		
B 46	81.80	0.30	MERGE LEFT - Right lane ends after this light	SL for 1st Ave	1	30		Hospital access at right
B 47	82.20	0.40		SL for 8th Ave/NE-21		25		
B 48	82.30	0.10		SL for 9th Ave (Last SL for next ~200 miles!)		30		
B 49	82.50	0.20				40		
B 50	82.80	0.30		Scrap metal dinosaur sculpture on left		45		
B 51	83.30	0.50			1	55	paved	



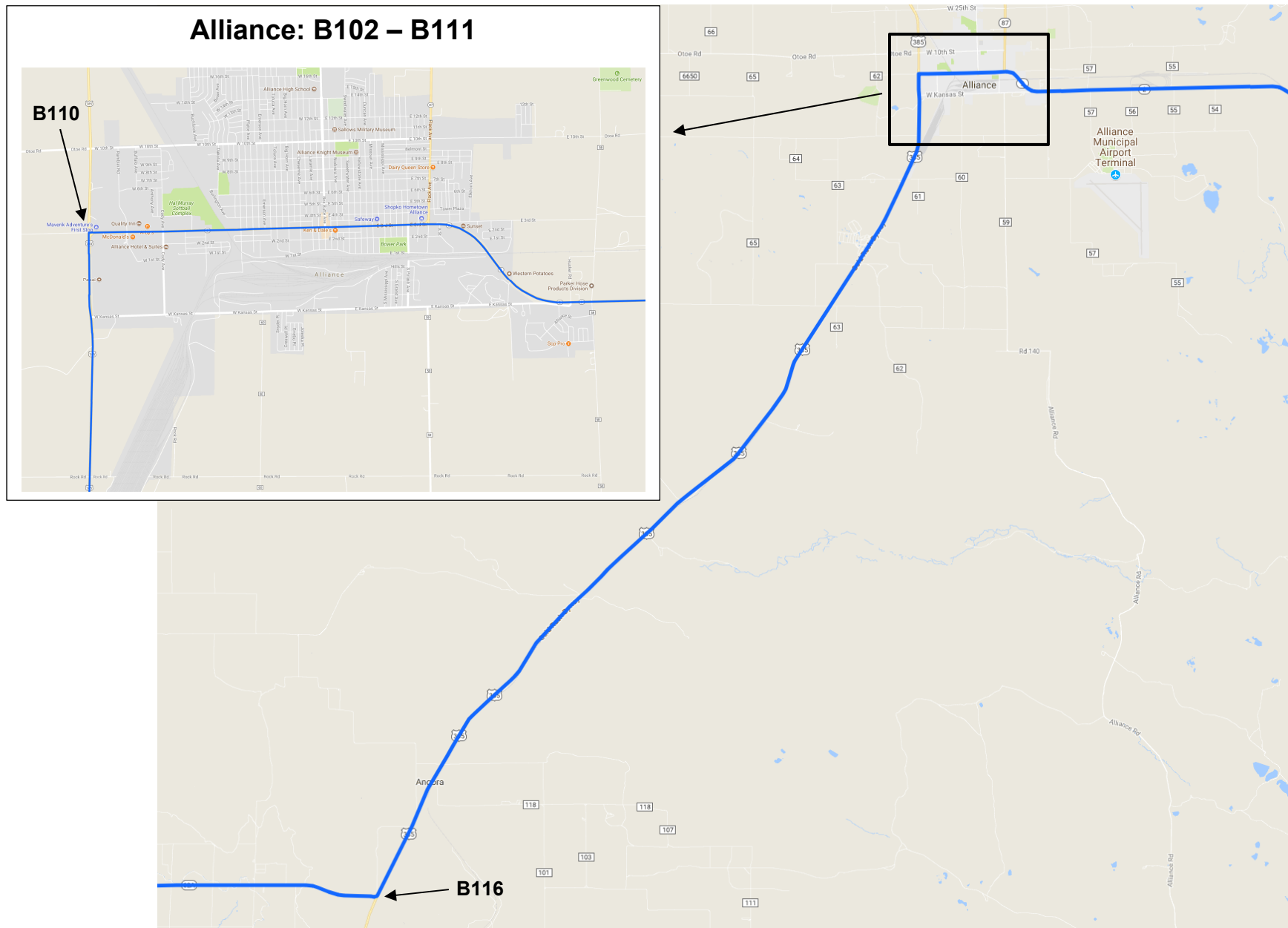
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
B 52	85.00	1.70	CONTINUE STRAIGHT on NE-2	Cellular service becomes increasingly spotty past Broken Bow. Plan ahead.	1	65		
B 53	91.50	6.50		Junction NE-92, Merna (Pop 391) on right	1	65	paved	fuel
B 54	102.20	10.70		Entering Anselmo (Pop 189)		45		fuel
B 55	102.80	0.60				65		
B 56	113.70	10.90		Entering Blaine County				
B 57	122.50	8.80		Cross the Dismal River, Junction NE-5A. entering Dunning		50		
B 58	123.20	0.70		Cross Middle Loop River, Junction with NE-91 ahead		60		fuel
B 59	123.50	0.30			1	65	paved	
B 60	133.00	9.50				55		
B 61	133.20	0.20		Entering Thomas County and town of Halsey (Pop 76)	1	40	curb	
B 62	133.70	0.50				55	paved	
B 63	133.90	0.20				65		
B 64	134.80	0.90		Pulloff on right at Nebraska National Forest sign				
B 65	148.30	13.50				60		
B 66	148.60	0.30		Junction with US-83 North towards Valentine. Increased truck traffic next 1.5 miles				fuel, food, hotel
B 67	150.10	1.50		Junction with US-83 South		50		
B 68	150.40	0.30		Entering Thedford (Pop 211)		35	curb	



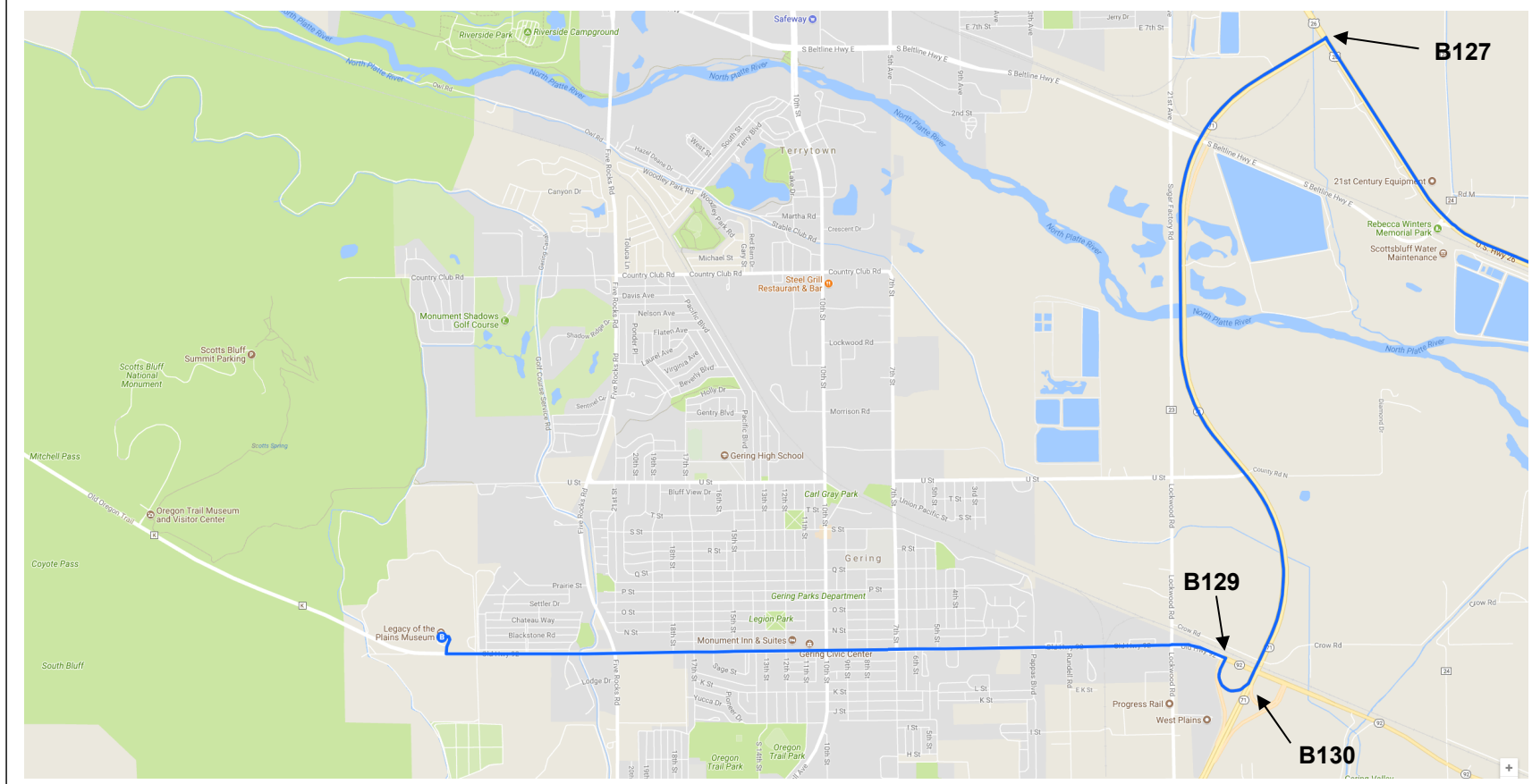
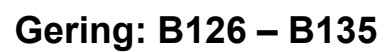
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
B 69	151.00	0.60	CONTINUE STRAIGHT on NE-2		1	50		
B 70	151.10	0.10			1	65	paved	
B 71	158.40	7.30		Shoulder narrows			grass/ gravel	
B 72	165.00	6.60		Junction with NE-86A Spur with access to Seneca at right				
B 73	165.20	0.20		Entering Mountain Time. Note Regulation 12.10.B on time zones				
B 74	166.00	0.80		Entering Hooker County				
B 75	173.50	7.50		Wide shoulder again	1	65	paved	
B 76	175.80	2.30				50		
B 77	176.00	0.20		Entering Mullen (Pop 491) Little-to- no cell coverage until Hyannis		40		fuel, motel, café
B 78	176.20	0.20		Junction NE-97				
B 79	176.60	0.40				50		
B 80	176.80	0.20				65		
B 81	185.90	9.10		Lose paved shoulder	1	65	grass/ gravel	
B 82	186.40	0.50		Roughly paved pulloff on right				
B 83	196.50	10.10		Entering Grant County				
B 84	201.40	4.90		Entering Whitman (unincorporated)	1	50		no services
B 85	201.80	0.40			1	65	paved	



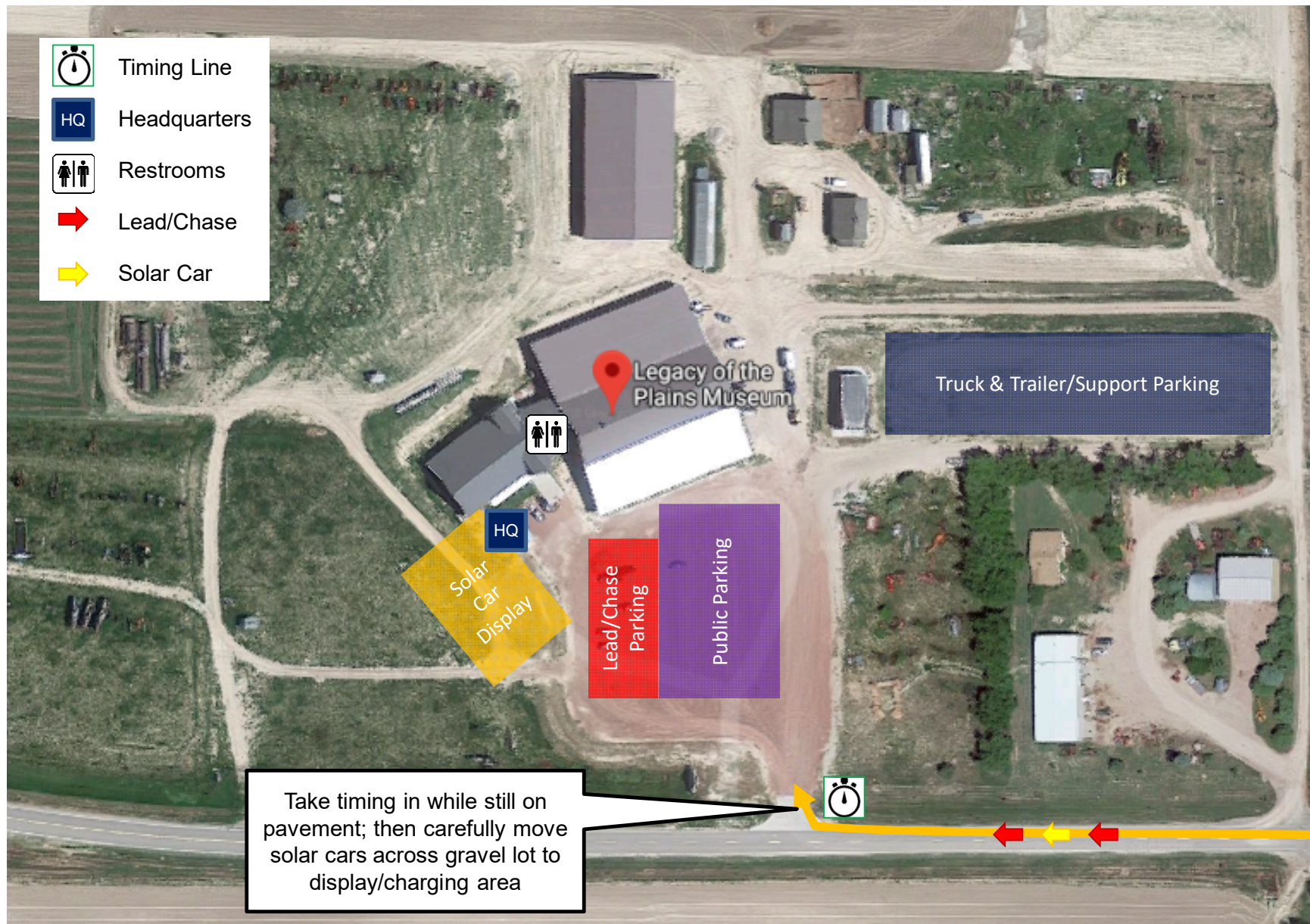
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
B 86	206.60	4.80	CONTINUE STRAIGHT on NE-2	Brown sign with white text for Monahan Cattle Company to the right	1	65		
B 87	213.80	7.20		Junction NE-61 South. "That Stop" on left (closed permanently)				
B 88	214.30	0.50		Entering Hyannis (Pop 182)		55		food, motel
B 89	214.50	0.20		Look out for crosswalk ahead		35		
B 90	214.90	0.40		Last fuel for 60 miles (in Alliance)		25	curb	fuel
B 91	215.40	0.50		NE-61 North to right		35		
B 92	215.60	0.20			1	55		
B 93	215.90	0.30				65	paved	
B 94	223.80	7.90		Access to Ashby (unincorporated) at right				
B 95	228.10	4.30		Entering Sheridan County				
B 96	232.40	4.30		Access to Bingham at right				
B 97	242.80	10.40		Junction NE-27, access to Ellsworth (unincorporated) to right	1	65	paved	
B 98	250.50	7.70		Junction NE-250, access to Lakeside (unincorporated) to right				
B 99	258.70	8.20		Antioch (unincorporated) to left, pulloff for historic marker ahead on right				
B 100	265.20	6.50		Entering Box Butte County				
B 101	272.30	7.10				55		
B 102	272.80	0.50		Entering Alliance (Pop 8,403)		45		Fastenall on right



Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
B 103	273.50	0.70	CONTINUE STRAIGHT on NE-2	Junction NE-87	2	35	curb	Hospital to right
B 104	273.70	0.20		SL for crosswalk				Fuel, food, grocery
B 105	273.90	0.20				30		
B 106	274.10	0.20		SL for Box Butte Ave. Brick road surface for 3 blocks		30		
B 107	274.20	0.10	MERGE LEFT - right lane goes away under rail underpass ahead	SL for Laramie Ave				
B 108	274.70	0.50		13'11" clearance under rail bridge		35		
B 109	275.10	0.40		SL for Cody Ave	2	40		Full Services
B 110	275.60	0.50	TURN LEFT at the stop sign for US-385 South	Goodbye, NE-2. It's been fun.	1	45	paved	
B 111	277.60	2.00				65	wide paved	
B 112	284.50	6.90		Entering Morrill County				
B 113	293.70	9.20		Picnic area and pulloff on the left side of the road, has left turn lane for access				
B 114	296.60	2.90		Angora (unincorporated)				no services
B 115	298.90	2.30	PREPARE to exit right ahead	Closed weigh station on the right - good pulloff area if needed.				
B 116	299.60	0.70	EXIT RIGHT with signs to US-26 and Scottsbluff (28 miles away).	No stop sign or SL - PAY ATTENTION! Not a lot of warning with signage.	1	65	wide paved	
B 117	299.80	0.20		Highway sign for "NE-62A Link". Signs to Minatare 18 miles away, Scottsbluff 28 miles away				
B 118	301.70	1.90		Rd 89 on left (very small sign)				
B 119	308.70	7.00		Junction US-26 with access to Baynard to the left				



Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
B 120	310.70	2.00		Entering Scotts Bluff County	1	65		
B 121	316.10	5.40		Cross Nine Mile Creek				
B 122	317.40	168.00				50		fuel, food
B 123	317.70	0.30		Entering Minatare (Pop 807)	2	50	narrow paved	
B 124	318.10	0.40			2	65	paved	
B 125	318.80	0.70		NE-79E Link to NE-92 and Melbeta on left				
B 126	324.10	5.30				55		
B 127	324.90	0.80	TURN LEFT onto NE-71 South/NE-92 East with signs towards Gering and Kimball	No stop sign or SL, but has left turn lane.	2	65	narrow paved	
B 128	326.20	1.30		Cross North Platte River				
B 129	327.60	1.40	EXIT RIGHT with signs for NE-92 East and Gering	Just over the overpass over train tracks				
B 130	327.90	0.30	TURN LEFT at the stop sign at the bottom of the exit towards Gering	Cross traffic does not stop	1	45	paved	
B 131	328.40	0.50		RR Tracks, two sets				
B 132	329.00	0.60				35		fuel
B 133	329.40	0.40		SL for 10th St				food, fuel, hotels
B 134	330.20	0.80		4-way Stop sign with flashing red for Five Rocks Rd	1	45	grass/gravel	hospital access to right
B 135	330.90	0.70	TURN RIGHT into the Legacy of the Plains Museum parking lot	Follow staff directions				



Legacy of the Plains Museum – Gering, NE – Stage Finish

