



2014 ROUTE BOOK

**Austin, TX – Minneapolis, MN
July 21-28, 2014**

TABLE OF CONTENTS

- 1:** ASC 2014 Schedule
- 2:** Introduction/Key
- 3:** Display Day
- 6:** Stage 1a: Austin, TX – Weatherford, TX
- 28:** Stage 1b: Weatherford, TX – Norman, OK
- 48:** Stage 2a: Norman, OK – Wichita, KS
- 66:** Stage 2b: Wichita, KS – Overland Park, KS
- 82:** Stage 3: Overland Park, KS – Omaha, NE
- 100:** Stage 4a: Omaha, NE – Ames, IA
- 116:** Stage 4b: Ames, IA – La Crosse, WI
- 136:** Stage 5: La Crosse, WI – Minneapolis, MN

ASC 2014 SCHEDULE

- July 20th:** Display Day in Austin, TX
- July 21st:** Start in Austin, TX
Checkpoint in Weatherford, TX
- July 22nd:** Stage Stop in Norman, OK
- July 23rd:** Stage Start in Norman, OK
Checkpoint in Wichita, KS
- July 24th:** Stage Stop in Overland Park, KS
- July 25th:** Stage Start in Overland Park, KS
Stage Stop in Omaha, NE
- July 26th:** Stage Start in Omaha, NE
Checkpoint in Ames, IA
- July 27th:** Stage Stop in La Crosse, WI
- July 28th:** Stage Start in La Crosse, WI
Finish in St. Paul, MN



This Route Book contains the ASC 2014 route steps, which define the official course from Austin, TX to Minneapolis, MN. Should changes to the route become necessary (due to construction or otherwise), please follow the updated route steps as given by the stage/checkpoint crews.

The Major Turns/Instructions column lists all directions necessary for following the route. Mileages given in the Trip and Int (interval) columns are not precise to the hundredth of a mile. A distance of 0.25 should be interpreted as 'likely between 0.2 and 0.3 miles.

Other data is provided for additional reference. Please note that not all traffic lights, changes in lanes, speed limit or shoulder condition, or available services are listed. In completing the course, all traffic laws must be obeyed at all times.

When you reach the end of a segment, watch for a flag person to direct you into the checkpoint/stage stop. Proceed under the direction of the checkpoint/stage point crew.

Have a safe trip!

- ASC Staff

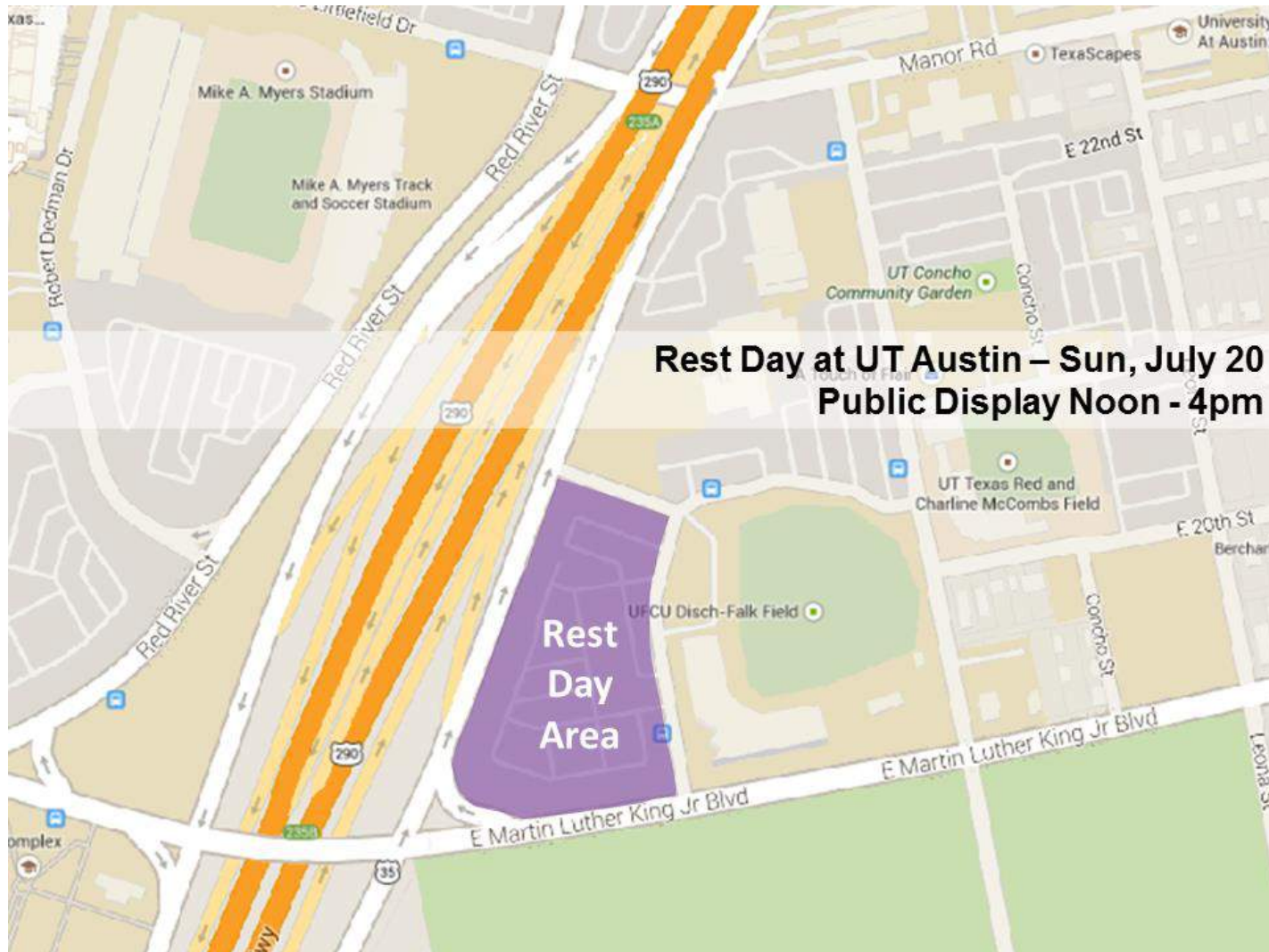
KEY FOR NASC 2014 ROUTE BOOK

Description of Route Book Columns

Step	Alphabetical lettering of segments and numerical ordering of steps; allows easy reference for communicating location along route Note: please use step letter/number when informing staff of your location.
Trip	The cumulative number of miles completed within each section
Int (Interval)	The number of miles from the previous step to the current step
Major Turns/Instructions	All turns and key instructions for following the route
Landmarks/Notes	Key landmarks to mark your location on the route and other helpful guidance for completing the course
Ln (Lane)	Number of driving lanes going your direction
Spd (Speed)	Speed limit (mph) Note: all changes in speed limits are NOT recorded. Regardless of if a speed limit is recorded in the route book, all posted speed limits must be followed. Where the posted speed limit is over 65 mph (105 kph), the ASC maximum speed limit is still 65 mph.
Shoulder	General assessment of shoulder conditions 0 = no shoulder (usually further specified as with or without curb) p = paved g = grass v = gravel n = narrow w = wide x = extra wide
Services	Known services available at time of last route drive A = auto parts store C = camping F = food G = gas station H = hardware store M = motel/hotel Hospital = hospital
General Abbreviations	
Jct	Junction
RR	Railroad
SL	Stop light
CR	County Road
Hwy	Highway
State Abbreviations	
IA	Iowa
KS	Kansas
MN	Minnesota
NE	Nebraska
OK	Oklahoma
TX	Texas
WI	Wisconsin

JULY 20th DISPLAY DAY

Parking Lot 104 on the UT Austin Campus



STAGE 1

PART A

2014 AMERICAN SOLAR CHALLENGE

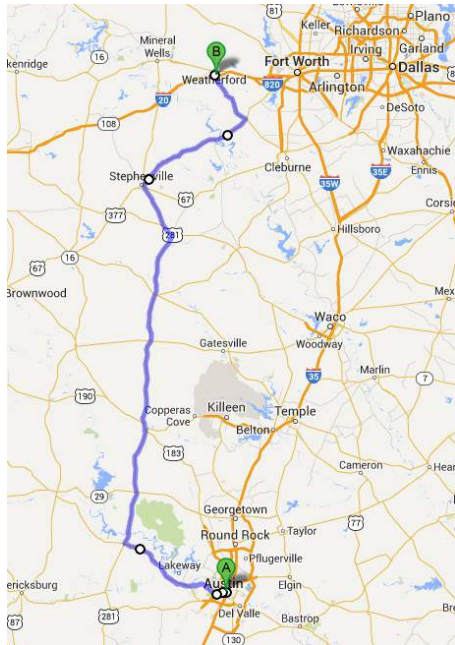
Austin, TX – Weatherford, TX
July 21

AUSTIN, TX – WEATHERFORD, TX

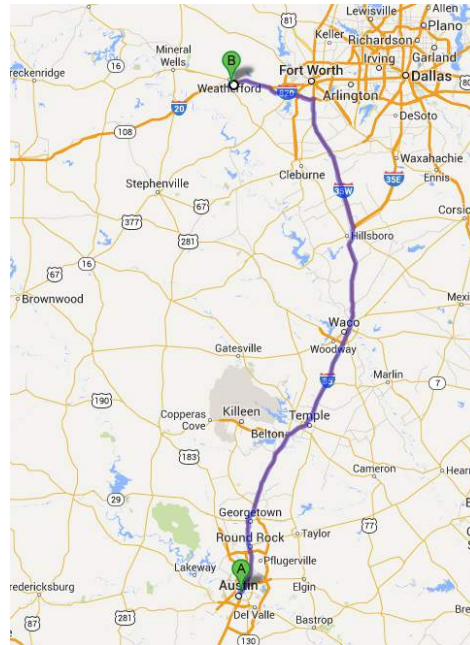
START: University of Texas at Austin, 405 East 23rd Street, Austin, TX 78712
END: Marjorie Black Alkek Fine Arts Center, Weatherford College.
 265 College Park Dr, Weatherford, TX 76086



SOLAR CAR ROUTE



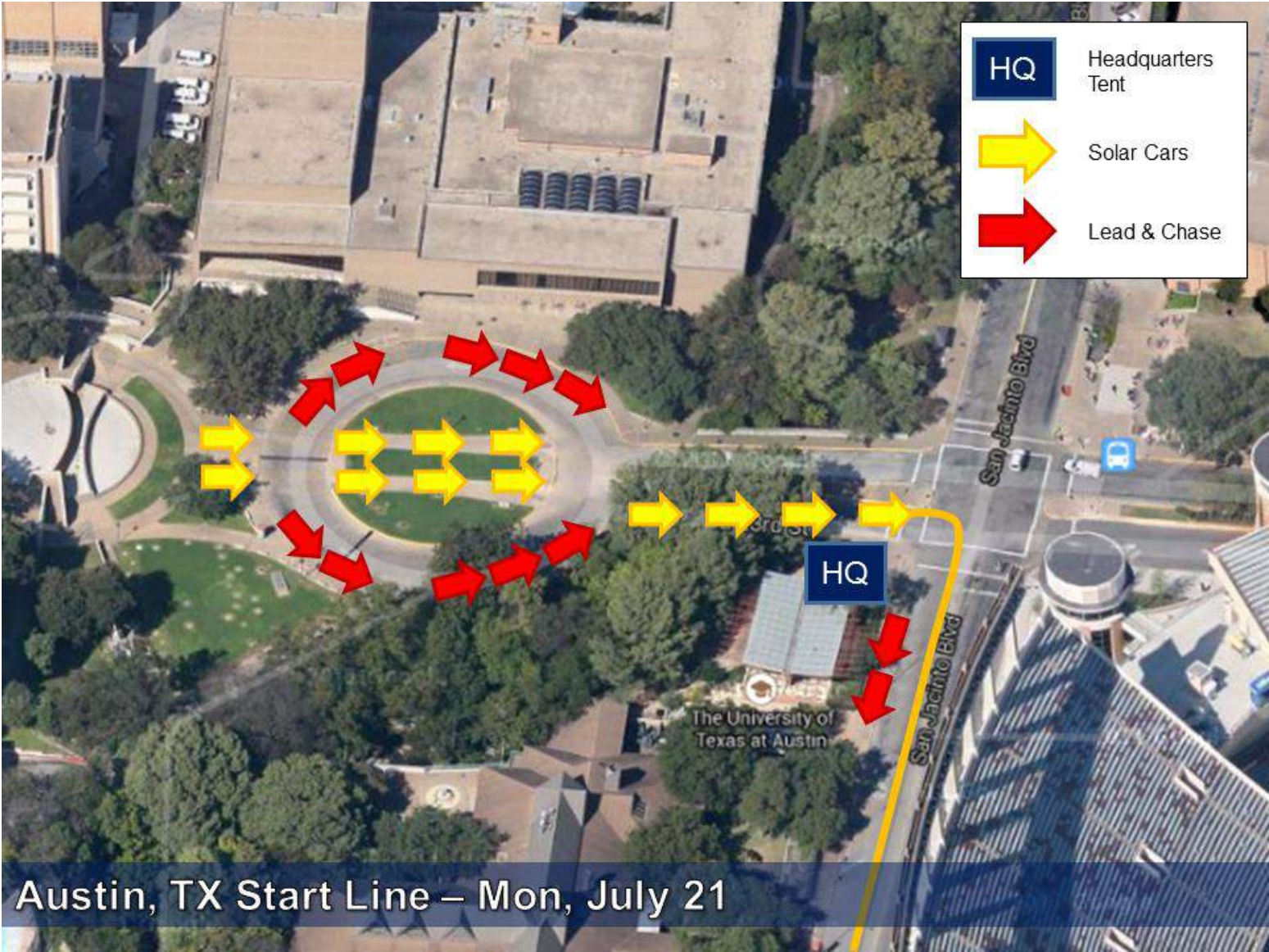
SUPPORT VEHICLE ROUTE



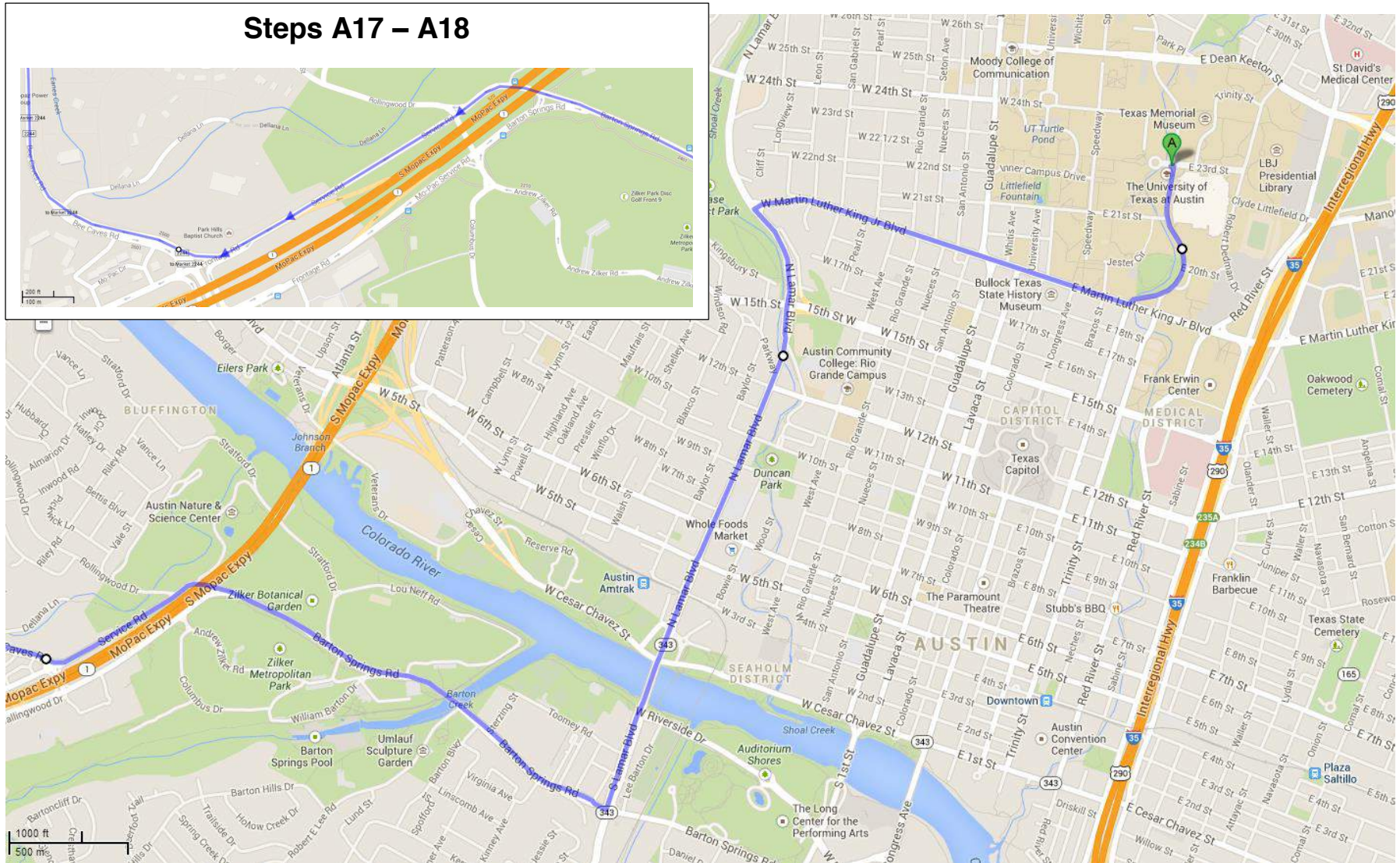
SUPPORT VEHICLE ROUTE DIRECTIONS

1.	Head east on E 23rd St toward San Jacinto Blvd	
2.	Turn left onto Robert Dedman Dr	0.2 mi
3.	Turn right onto E Dean Keeton St	0.3 mi
4.	Turn left onto the ramp to Interstate 35	0.4 mi
5.	Merge onto Interstate 35 Frontage Rd	0.1 mi
6.	Take the ramp on the left onto I-35 N	0.2 mi
7.	Continue onto N Interstate 35	8.9 mi
8.	Continue onto I-35 N	1.1 mi
9.	Keep left to continue on I-35W N, follow signs for Interstate 35W/Ft Worth	125 mi
10.	Take exit 45A for I-20 W toward Abilene	44.9 mi
11.	Turn right onto I-20 W	1.2 mi
12.	Take exit 408 toward Texas 171/F.M. 51/F.M. 1884/Granbury/Cleburne	27.9 mi
13.	Slight right onto S Main St	1.0 mi
14.	Turn right onto College Park Dr	0.7 mi
15.	Turn left onto Martin Dr and follow flaggers	0.5 mi

AUSTIN, TX – RACE START

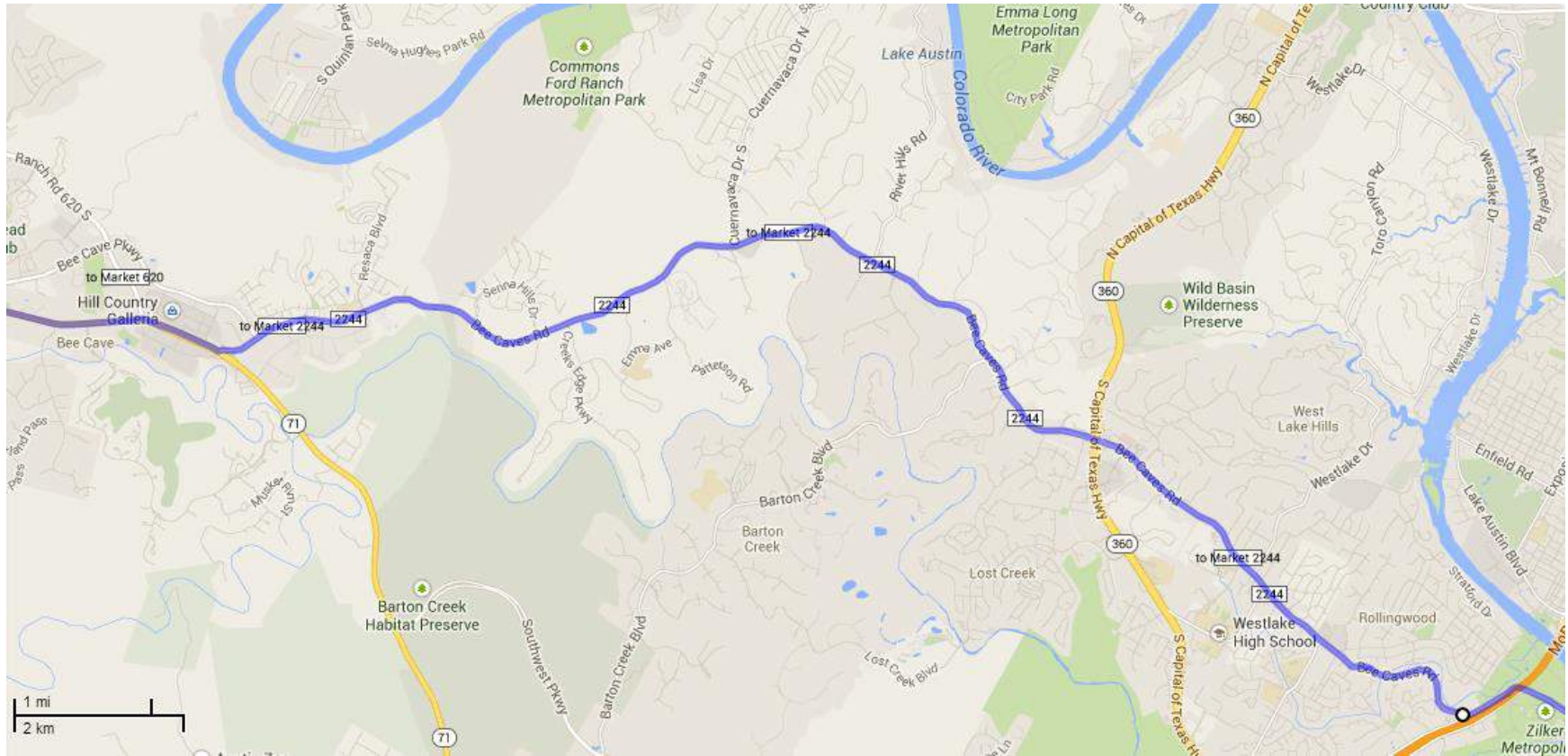


AUSTIN, TX – WEATHERFORD, TX



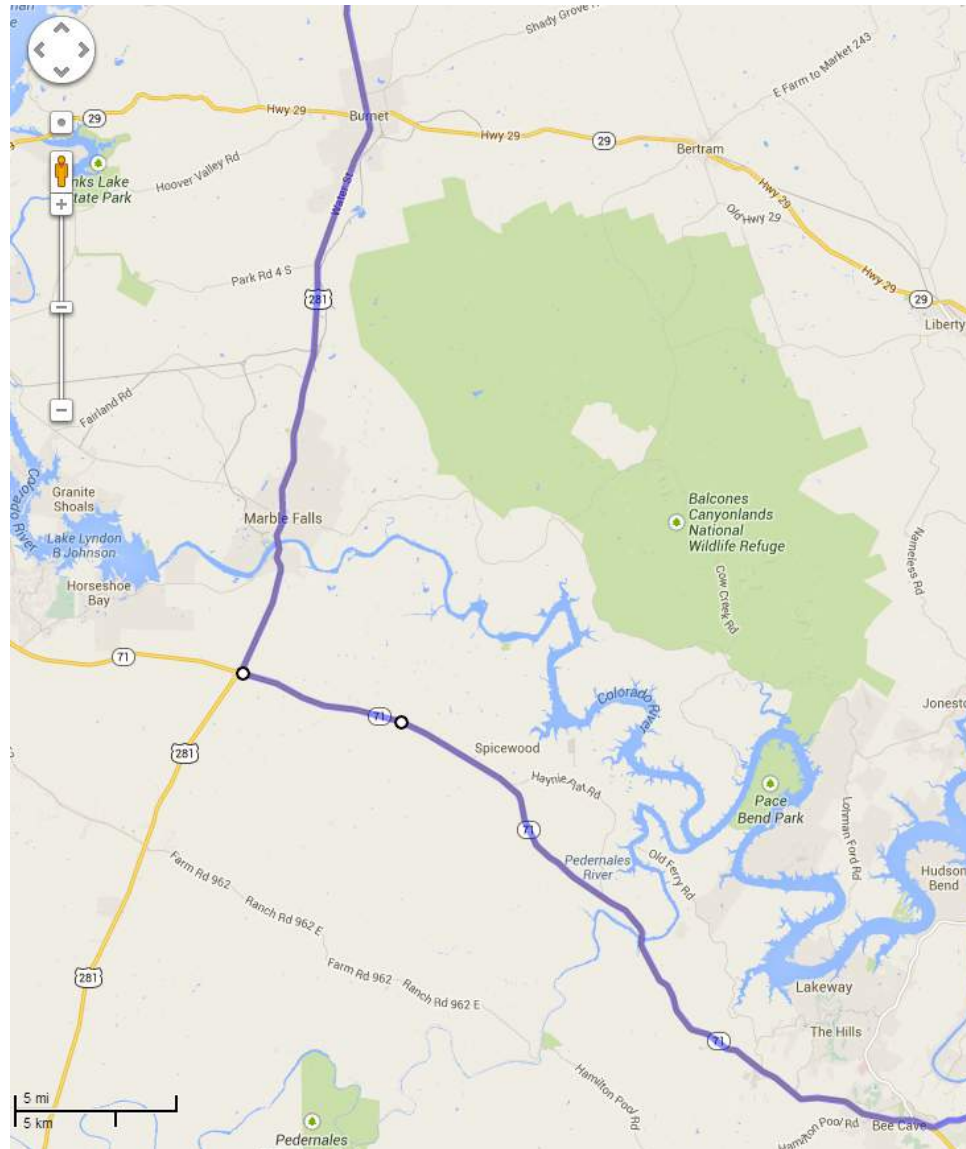
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
A 1	0.00		Turn right onto San Jacinto					
A 2	0.10	0.10		Stop Sign for E 21st St				
A 3	0.20	0.10		Stop Sign for 20th				
A 4	0.40	0.20	Turn right at SL for East M.L. King Jr. Blvd	No right turn on red	2	30	curb	
A 5	0.50	0.10		SL for Brazos				
A 6	0.60	0.10		SL for Congress Ave				
A 7	0.80	0.20		SL for Guadalupe				food
A 8	0.90	0.10		SL for Rio Grande	1			
A 9	1.40	0.50	Turn left at SL for Lamar Blvd	Note: Steep downhill before light!	2	35	curb	
A 10	1.90	0.50		SL for W 12th St				gas
A 11	2.10	0.20		SL for W 9th St				
A 12	2.40	0.30		SL for W 5th St				
A 13	2.90	0.50		Pass over river, SL for riverside				
A 14	3.10	0.20	Turn right at SL for Barton Springs		2		curb	
A 15	3.30	0.20		SL for Kinney Ave				
A 16	3.60	0.30		SL for Robert E Lee Rd		35	bike lane	
A 17	4.50	0.90	Follow road as it curves to the left under the expressway	Sharp turn!		35		

AUSTIN, TX – WEATHERFORD, TX



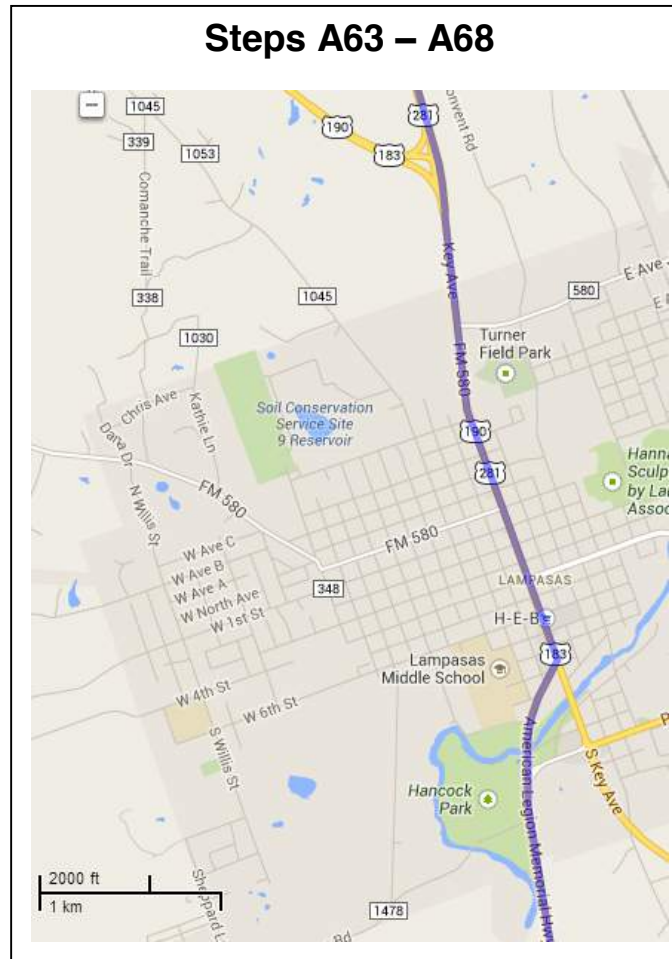
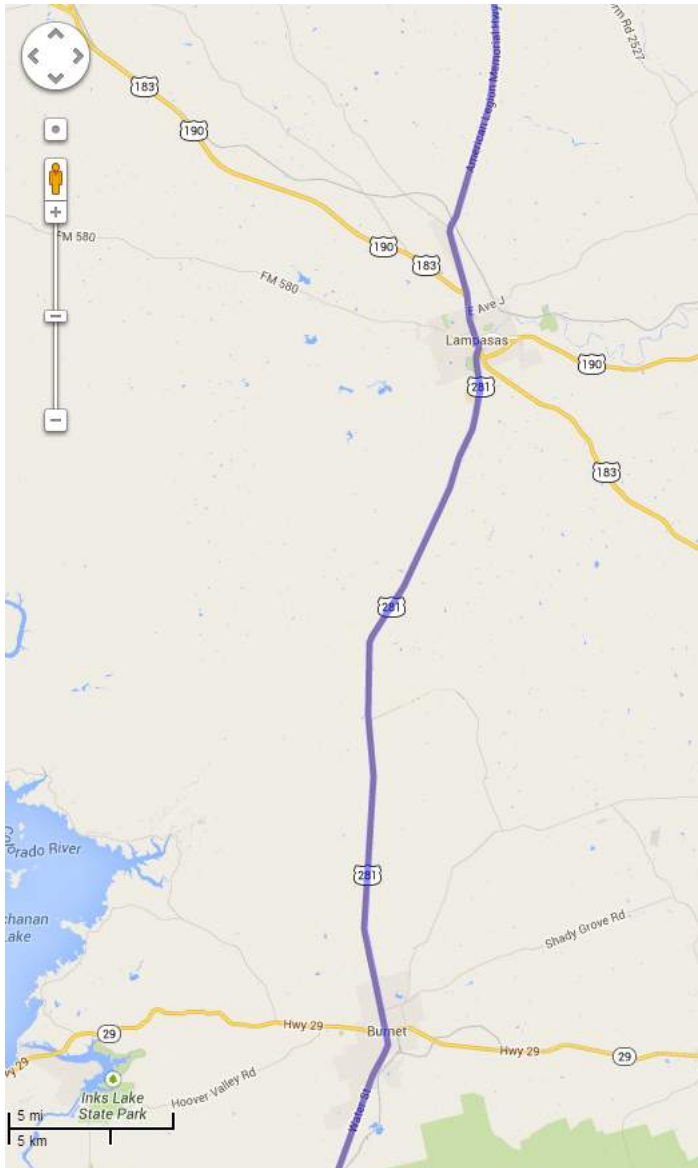
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
A 18	4.80	0.30	Turn right before the light for Texas 2244 West	Signs towards Rollingwood and Westlake Hills	2	40	wide w/curb	
A 19	5.40	0.60		SL for Edgegrove			no curb	gas, grocery
A 20	6.00	0.60		SL for Waish Tarlton				RadioShack, food
A 21	6.90	0.90		SL for Westlake Dr				
A 22	7.50	0.60				45	ditch	
A 23	8.20	0.70		SL for Village at Westlake				
A 24	8.50	0.30		SL and underpass for Loop 360				
A 25	9.50	1.00		SL for Barton Creek Blvd	2	60	p,w	gas
A 26	11.20	1.70		SL for Marly Way				gas
A 27	11.80	0.60		SL for Cuernavaca Dr				
A 28	13.30	1.50		SL for Creeks Edge Pkwy				
A 29	14.30	1.00		SL for Resaca Blvd				
A 30	15.40	1.10		Bee Cave City Limits	2	55		
A 31	15.80	0.40		SL for Bee Cave Parkway				
A 32	16.10	0.30	Turn right at SL onto TX-71 West	right two lanes can turn right	3	50		Full services
A 33	16.40	0.30		SL Galleria Parkway				
A 34	16.70	0.30		SL for RM 620, lose right most lane after light	2	55	p	

AUSTIN, TX – WEATHERFORD, TX



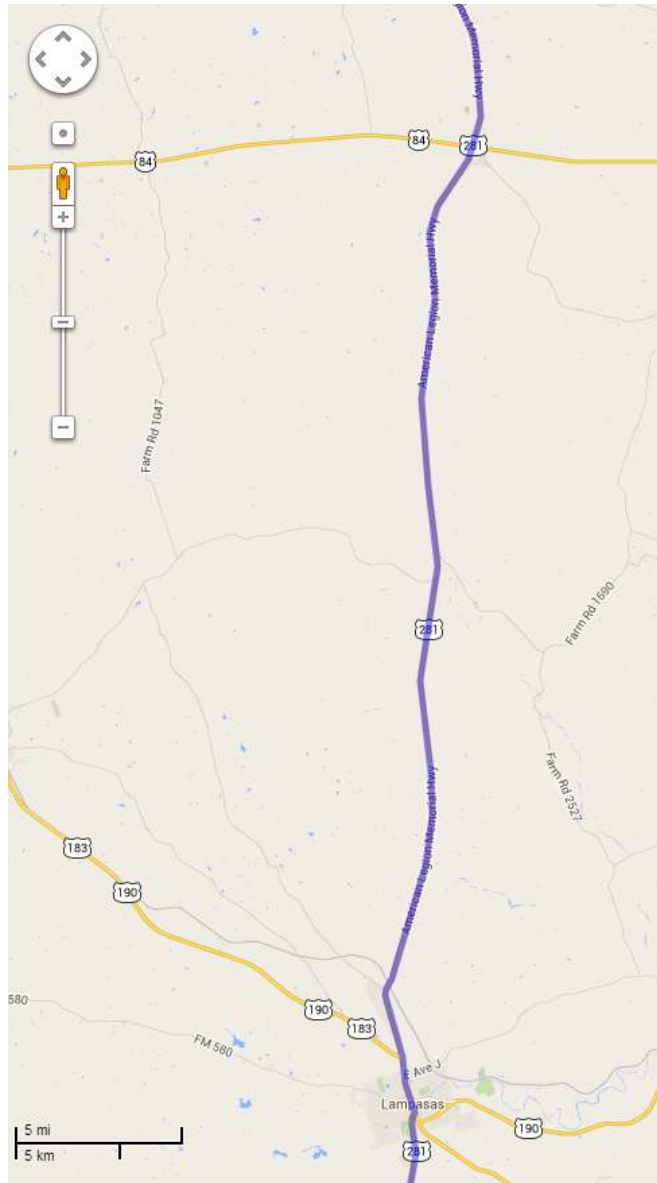
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
A 35	17.90	1.20		SL for Bee Cave Parkway on right, Hamilton Pool Rd on left		60	p,w	
A 36	19.80	1.90		SL for Vail Divide		60		
A 37	21.90	2.10		SL for Bee Creek Rd				
A 38	27.50	5.60		SL for FM 2322				
A 39	27.70	0.20		Bridge over Pedernales River		70	gravel	
A 40	29.90	2.20		SL for Paleface Ranch Rd				
A 41	34.50	4.60		Entering Spicewood		55		gas
A 42	35.10	0.60		Crossing Sycamore Creek		70		
A 43	43.40	8.30	Exit right onto US-281 North		2	70	p,n	
A 44	47.00	3.60		Entering Marble Falls, SL for Max Starcke Dam Rd		55		
A 45	47.60	0.60		SL for Gateway North		35		
A 46	48.10	0.50		SL for Third St		35	curb	food
A 47	48.90	0.80		SL for Mission Hill/Mormon Mill		40		auto parts
A 48	50.20	1.30		SL for Nature Heights		55	p,w	Walmart
A 49	51.10	0.90				70	p	
A 50	54.10	3.00		RR tracks			p	
A 51	56.60	2.50		Entering Burnet				

AUSTIN, TX – WEATHERFORD, TX



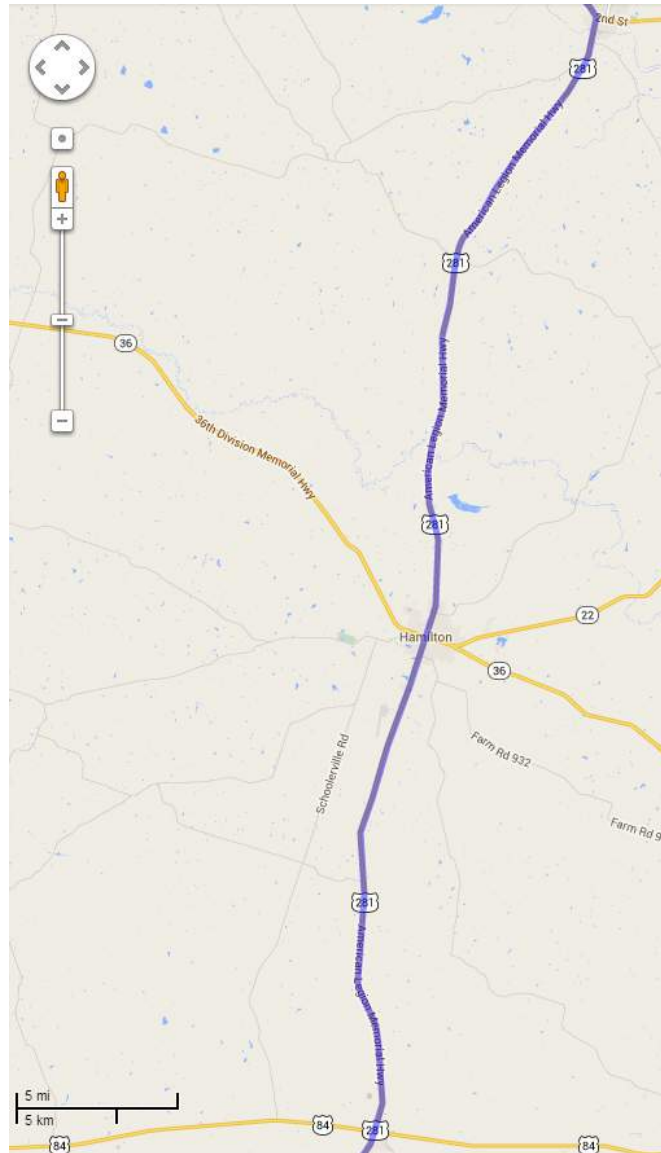
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
A 52	59.60	3.00		SL for County Rd 340A		60		
A 53	60.20	0.60			2	50	curb	gas
A 54	61.20	1.00		SL for Pecan St		35		gas, food
A 55	61.50	0.30		SL for Jackson St				gas
A 56	62.30	0.80		SL for RM 963		50	curb	
A 57	63.10	0.80		SL for Co Rd 108/The Green Mile		70	p, n	
A 58	69.50	6.40				75		
A 59	82.00	12.50	Get in left lane - right lane exits at next light	SL, Entering Lampasas		60		
A 60	82.40	0.40				55		
A 61	82.70	0.30				45		
A 62	83.00	0.30	Continue straight on US-281 North	SL for EE Ohnmeiss Dr	1	35		
A 63	83.40	0.40	Turn left at SL to follow US-281 North		2	30	curb	food
A 64	83.60	0.20		SL for 6th St		30		Full services
A 65	83.90	0.30		SL for North Ave		35		
A 66	84.30	0.40				45		
A 67	84.50	0.20		SL for FM 580	2	55	gravel	
A 68	85.20	0.70	Continue straight on US-281 towards Hamilton	Both right lanes go straight	2	70	p	

AUSTIN, TX – WEATHERFORD, TX



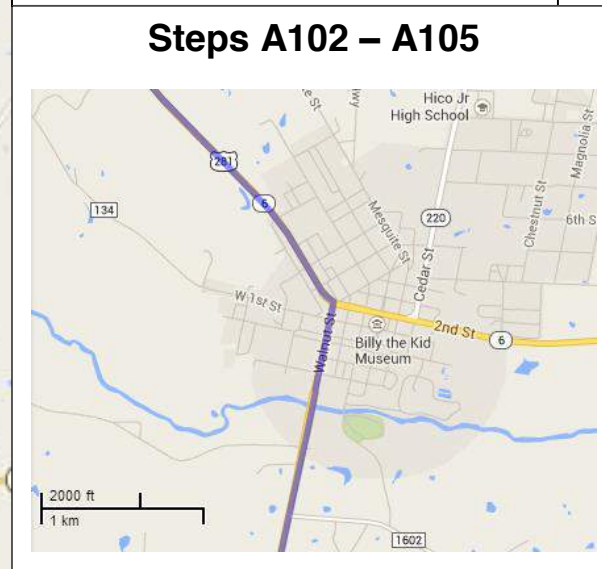
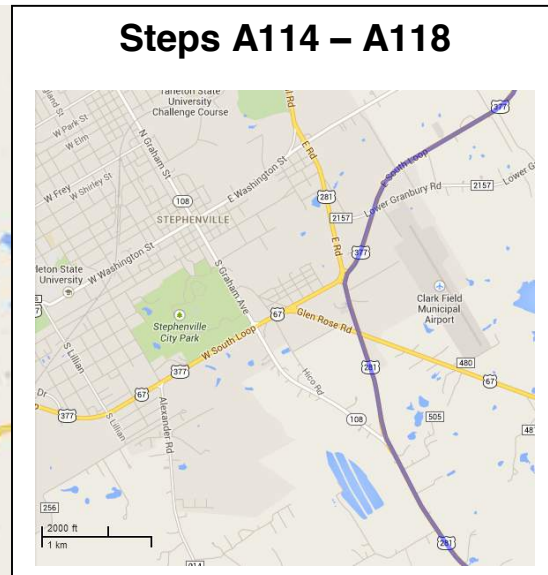
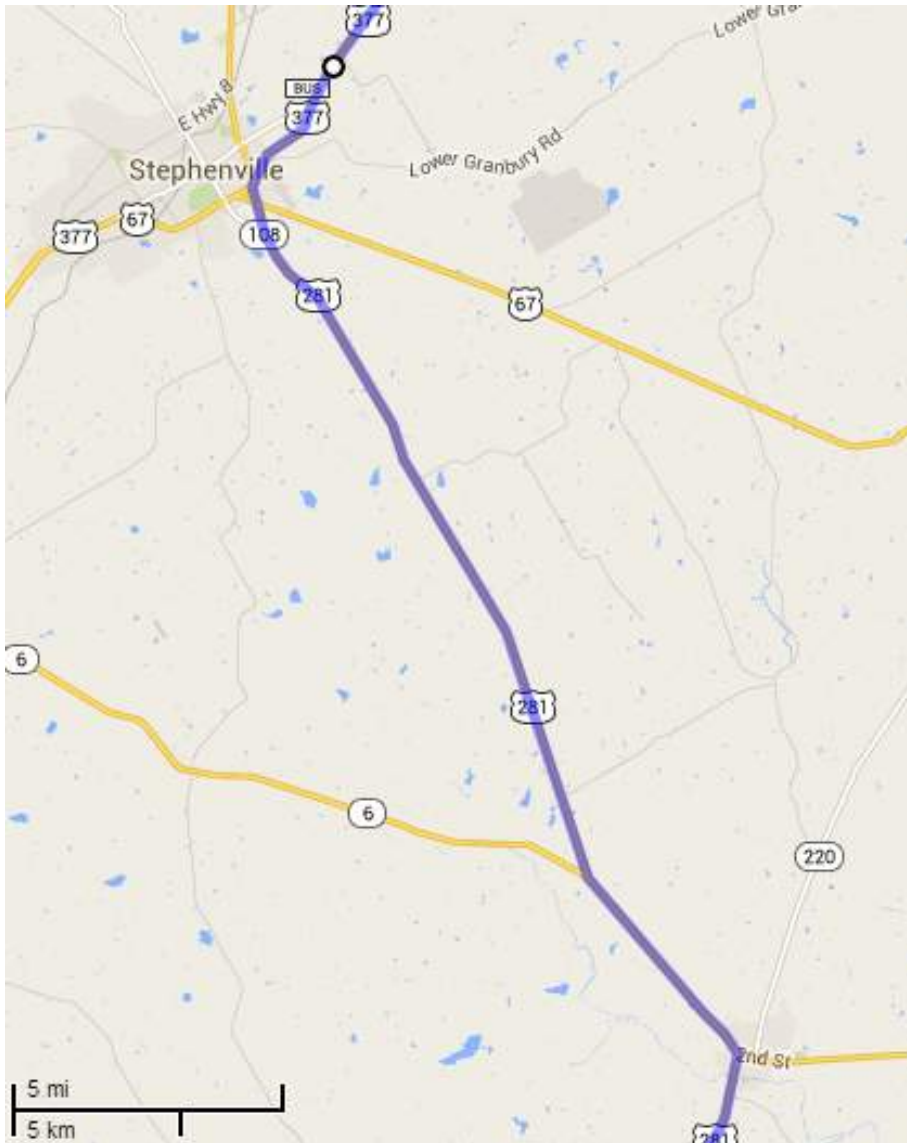
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
A 69	85.60	0.40				75		
A 70	87.00	1.40	Left lane ends, merge right		1		p,w	
A 71	91.00	4.00		Gain passing lane	2		p,n	
A 72	92.60	1.60	Right lane ends, merge left		1		p,w	
A 73	94.80	2.20		Gain passing lane	2		p,n	
A 74	96.00	1.20	Right lane ends, merge left		1		p,w	
A 75	98.30	2.30		Gain passing lane	2		p,n	
A 76	99.60	1.30	Right lane ends, merge left		1		p,w	
A 77	100.20	0.60		Entering Adamsville		55		
A 78	100.50	0.30		Flashing Yellow for TX 581				
A 79	100.90	0.40		Gain passing lane	2	75	p,n	
A 80	103.00	2.10	Right lane ends, merge left		1		p,w	
A 81	106.70	3.70		Gain passing lane	2		p,n	
A 82	108.70	2.00	Right lane ends, merge left		1		p,w	
A 83	111.00	2.30		Gain and immediately lose a left lane	2	70		
A 84	112.20	1.20				60		
A 85	112.50	0.30		Entering Evant		50		

AUSTIN, TX – WEATHERFORD, TX



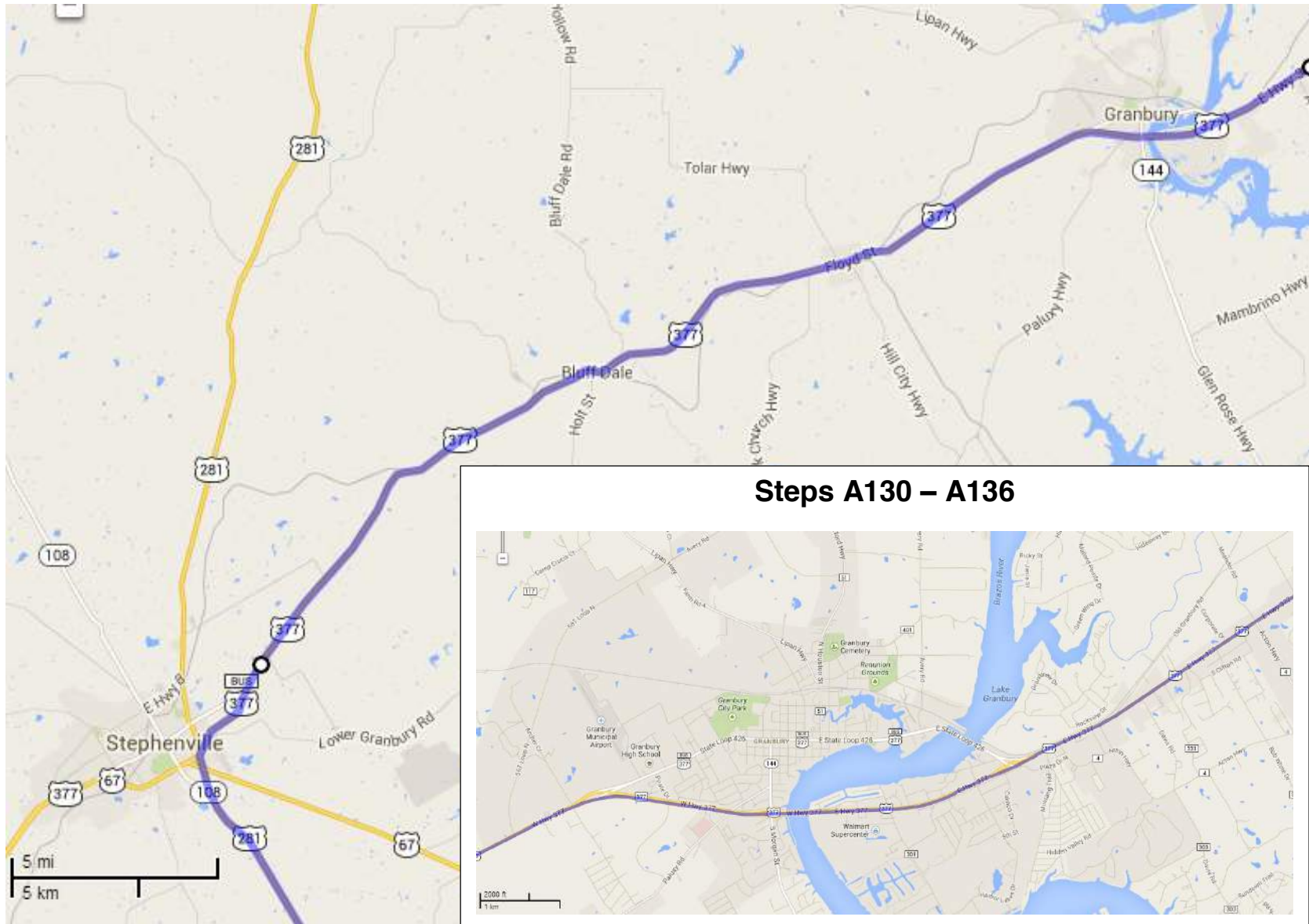
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
A 86	112.80	0.30		35mph when lights are flashing	2	40		
A 87	113.20	0.40		Junction US-84		55		
A 88	113.70	0.50		Lose left lane	1	60	p,w	
A 89	114.00	0.30			1	65		
A 90	116.30	2.30		Gain passing lane for a quarter of a mile				
A 91	127.40	11.10				70	p,n	gas
A 92	128.10	0.70		Entering Hamilton		60		
A 93	128.30	0.20				50		
A 94	128.40	0.10				40		
A 95	128.90	0.50				30		gas
A 96	129.30	0.40	Continue straight to follow US-281 North	SL for Main St				All
A 97	129.70	0.40				40		
A 98	130.50	0.80				60	p,w	
A 99	131.00	0.50				65		
A 100	141.40	10.40		Flashing Yellow for Junction TX 219				
A 101	149.30	7.90				55	p	
A 102	149.60	0.30	Stay in left lane for upcoming turn	Entering Hico	2	45		

AUSTIN, TX – WEATHERFORD, TX



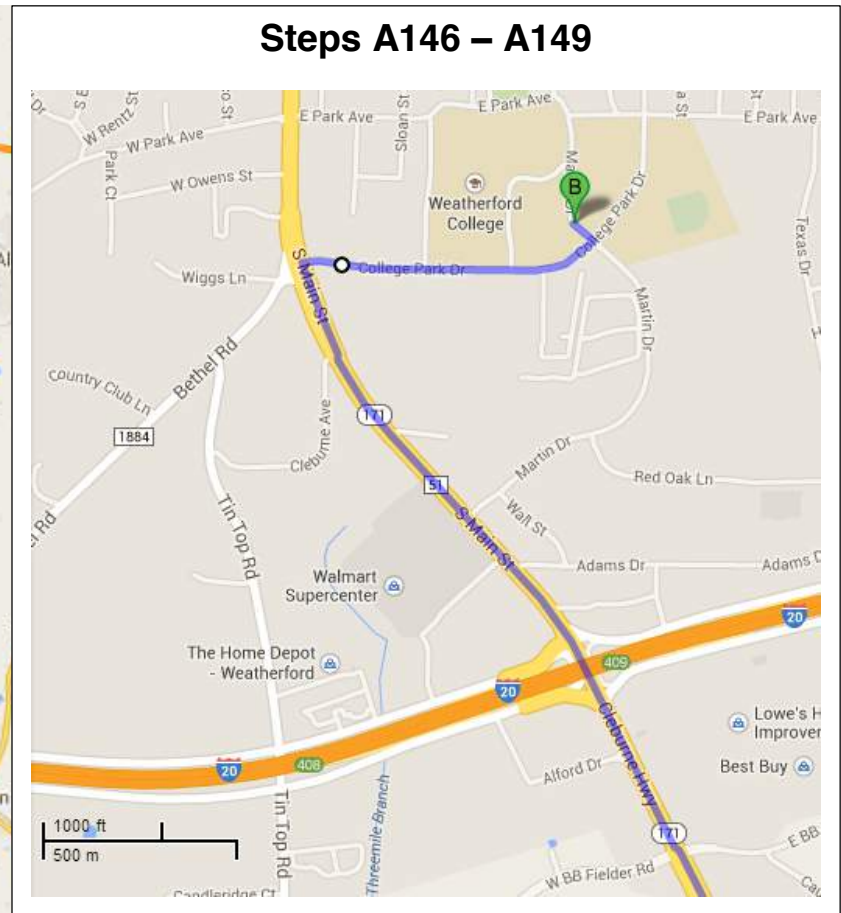
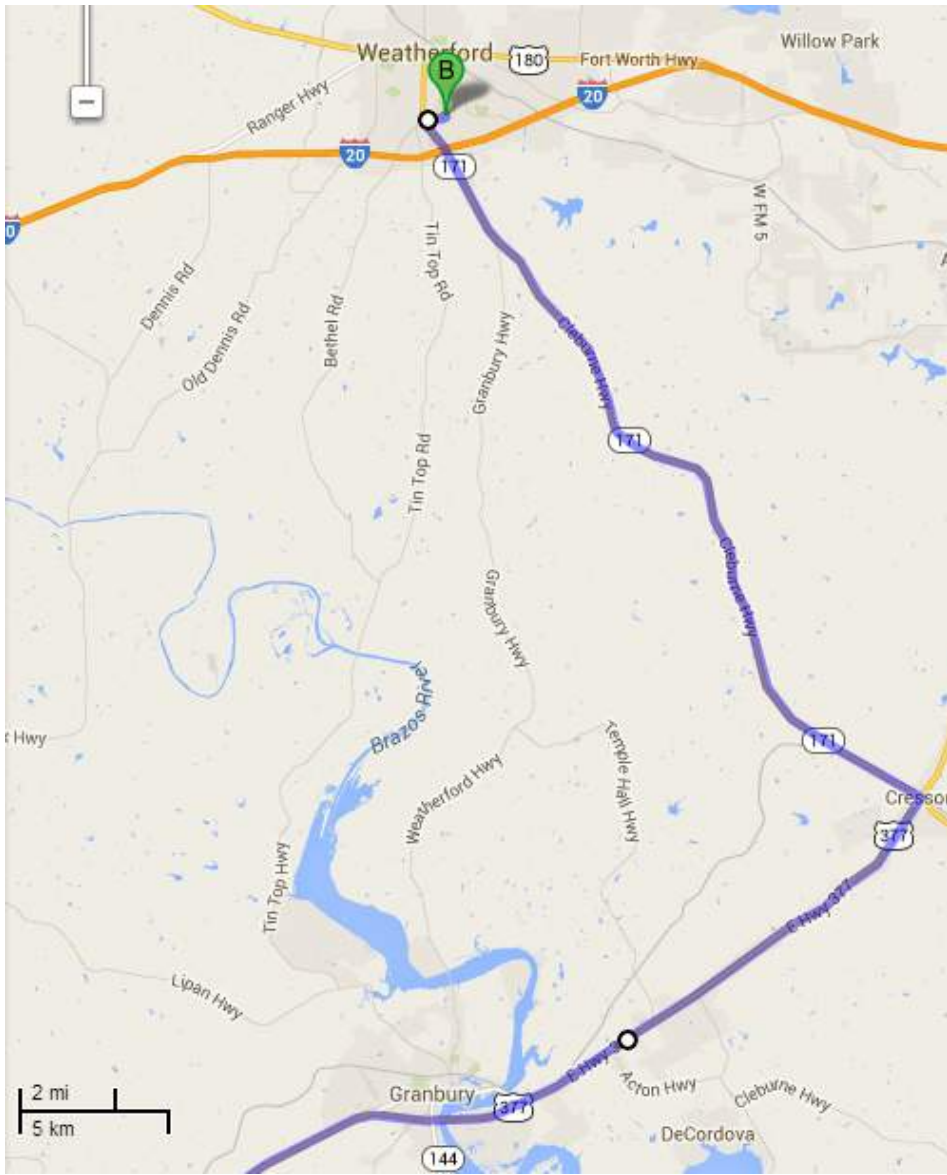
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
A 103	150.00	0.40				30		
A 104	150.10	0.10	Turn left at SL for 2nd St, continuing to follow US-281 North		1	40		gas
A 105	150.40	0.30		See big spurs on right		50	p,n	
A 106	150.80	0.40				70	p	
A 107	151.90	1.10		Gain a passing lane for a quarter mile				
A 108	154.00	2.10	Stay in right lanes to follow US-281 North	Gain a passing lane at TX 6 junction	2			
A 109	154.60	0.60	Right lane ends, merge left		1			
A 110	155.80	1.20		Gain a passing lane for a quarter mile		70		
A 111	159.30	3.50		Gain a passing lane	2		p,n	
A 112	160.00	0.70	Right lane ends, merge left		1		p	
A 113	162.40	2.40		Gain a passing lane for a quarter mile				
A 114	167.80	5.40	Continue to follow US-281 North; bear right at TX-108 junction	Entering Stephenville	1	55		
A 115	168.50	0.70		Flashing red/stop sign for US-67		45		
A 116	168.80	0.30	Turn right at SL for US-377 North		2	45	p,w	
A 117	169.10	0.30				55		
A 118	171.10	2.00	Right lane ends, merge left		1	70	p	
A 119	172.60	1.50		Picnic area/rest stop on right				

AUSTIN, TX – WEATHERFORD, TX



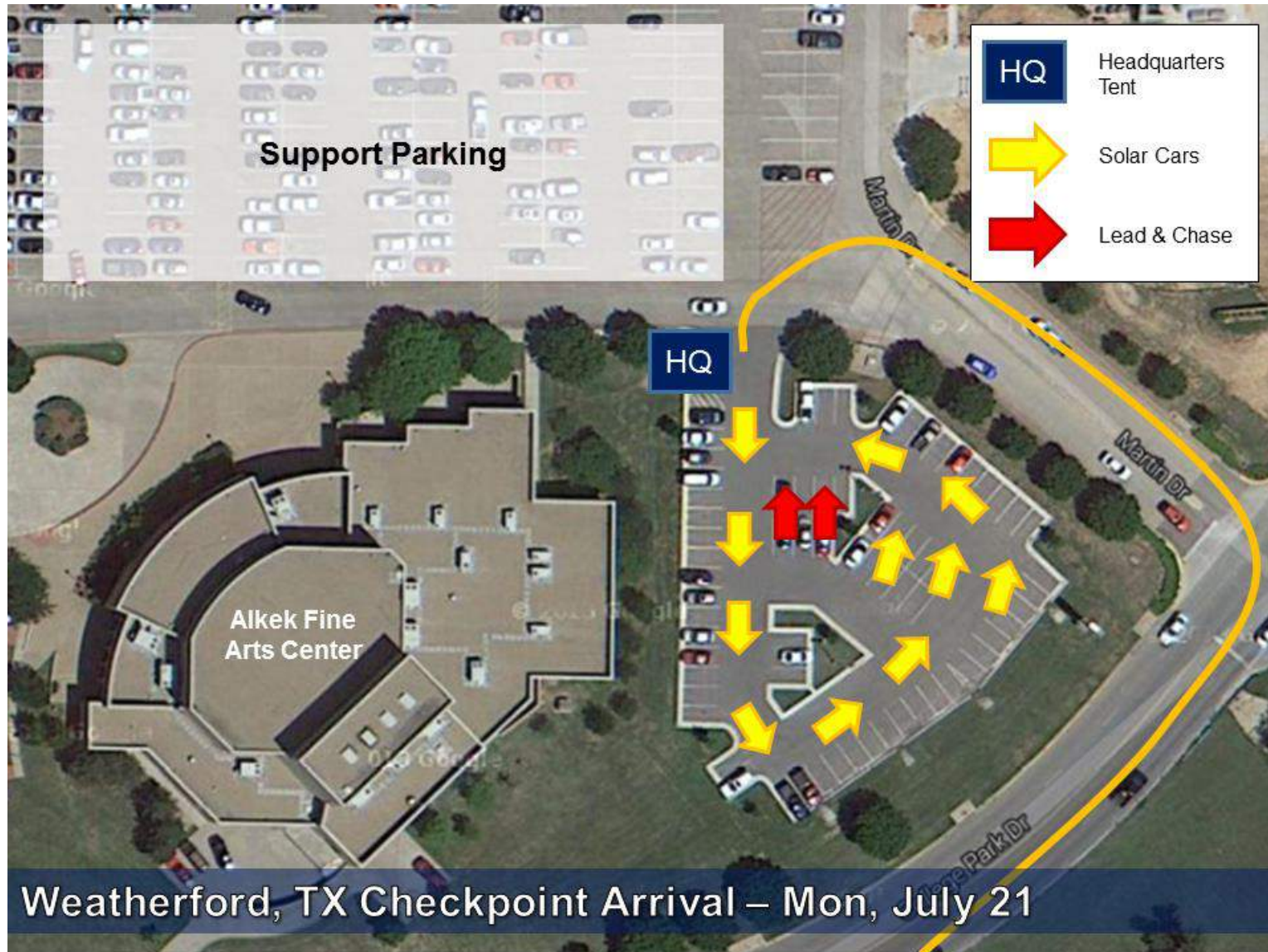
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
A 120	182.00	9.40				60		
A 121	182.70	0.70		Entering Bluff Dale		40	gas	
A 122	183.20	0.50		RR Tracks		55		
A 123	183.50	0.30				70		
A 124	185.10	1.60		Gain passing lane for 3/4 mile				
A 125	186.90	1.80		Gain passing lane for 3/4 mile				
A 126	188.90	2.00				65		
A 127	189.60	0.70		Entering Tolar		45		gas
A 128	189.80	0.20		Two flashing yellows; junction TX-56				
A 129	190.80	1.00		14ft 3in clearance railroad underpass		70	p,w	
A 130	196.10	5.30	Continue to follow US-377 North	Entering Granbury, SL for TX-567 Loop	2	55		
A 131	197.30	1.20		SL for Pirate Dr, divided highway				
A 132	197.90	0.60				50		
A 133	198.70	0.80		SL Overstreet Rd				Full services
A 134	199.40	0.70		SL Hill Blvd				
A 135	201.20	1.80		SL for Davis Rd	2	55		
A 136	202.30	1.10		SL for junction TX-4/Meander Rd				

AUSTIN, TX – WEATHERFORD, TX



Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
A 137	204.70	2.40			2	70	p	
A 138	206.70	2.00		Cresson city limits				
A 139	210.20	3.50				55		
A 140	210.40	0.20				45		
A 141	210.90	0.50	Turn left at SL for TX-171, before the RR tracks		1	55	p,w	gas
A 142	211.40	0.50				65		
A 143	212.90	1.50		RR Crossing				
A 144	226.60	13.70		SL for junction TX-51		55		
A 145	228.50	1.90		SL for B B Fielder Rd	2	35		
A 146	228.80	0.30		Two SLs, I-20 overpass				
A 147	229.10	0.30		SL for Martin Dr				
A 148	229.60	0.50	Turn right at SL for College Park Drive		2	30		
A 149	230.10	0.50	Turn left at the stop sign for Martin Dr and follow the flaggers	Sign for Weatherford College on the left				

WEATHERFORD, TX – CHECKPOINT



STAGE 1

PART B

2014 AMERICAN SOLAR CHALLENGE

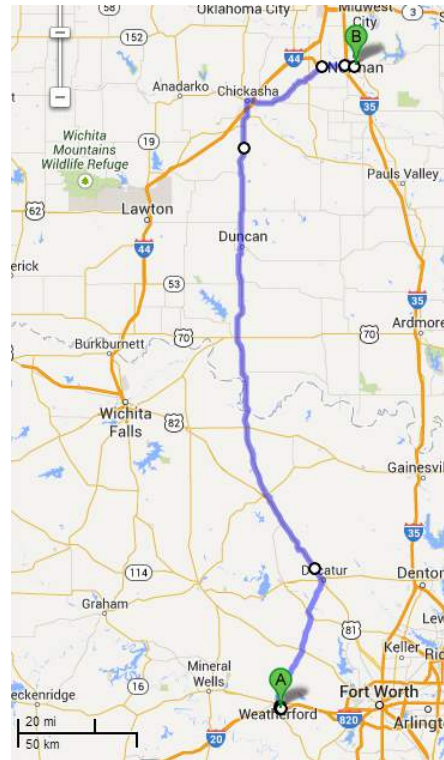
Weatherford, TX – Norman, OK
July 21 – July 22

WEATHERFORD, TX – NORMAN, OK

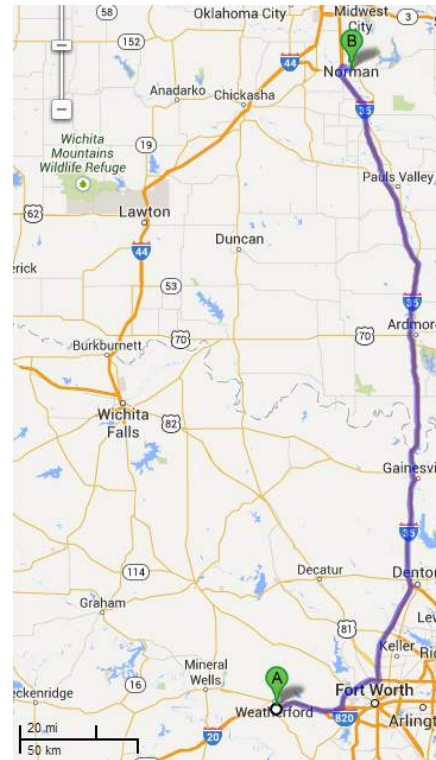
START: Marjorie Black Alkek Fine Arts Center, Weatherford College.
 265 College Park Dr, Weatherford, TX 76086
 END: Lloyd Noble Center, University of Oklahoma.
 2900 South Jenkins Avenue, Norman, OK 73019



SOLAR CAR ROUTE



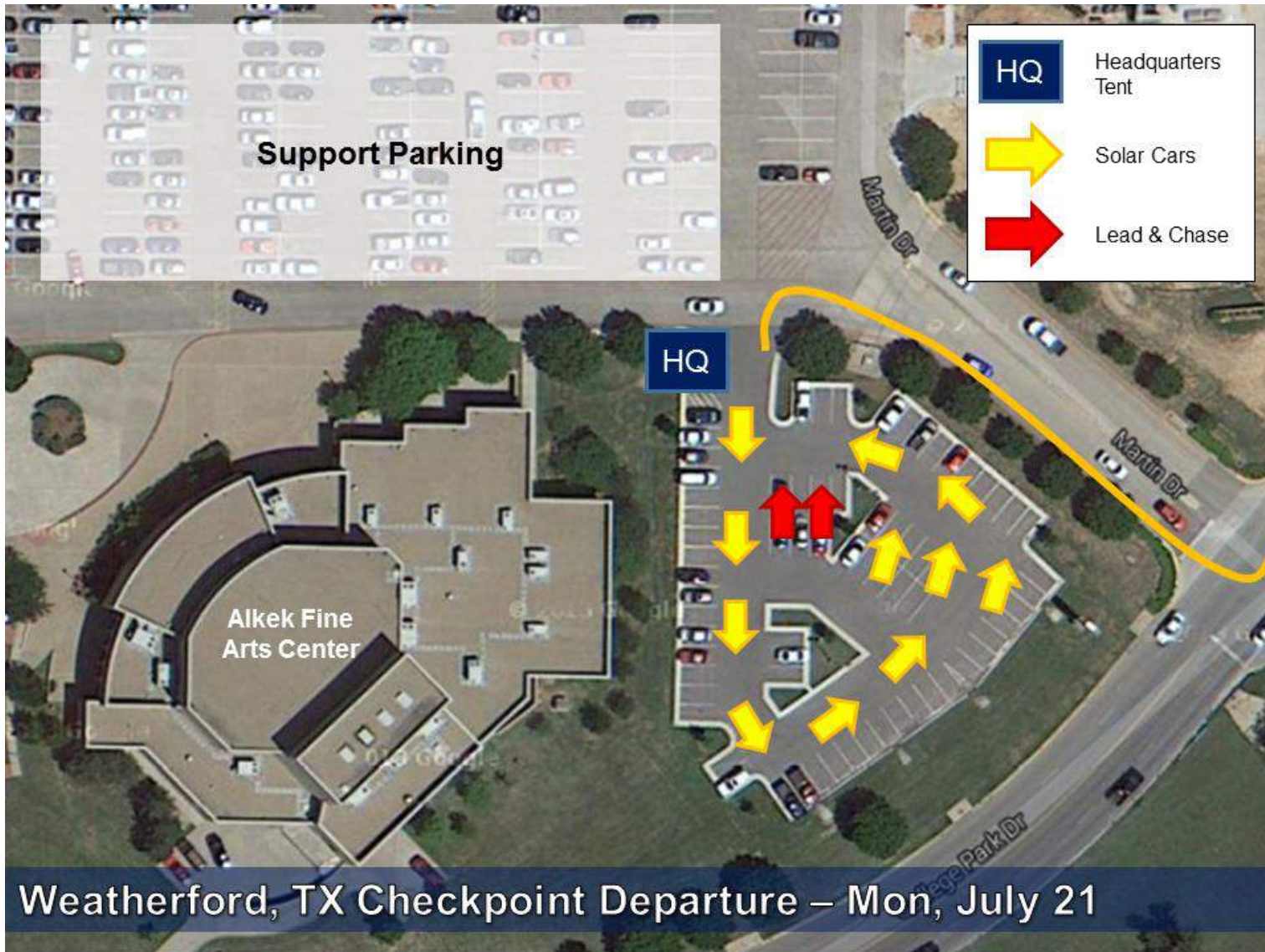
SUPPORT VEHICLE ROUTE



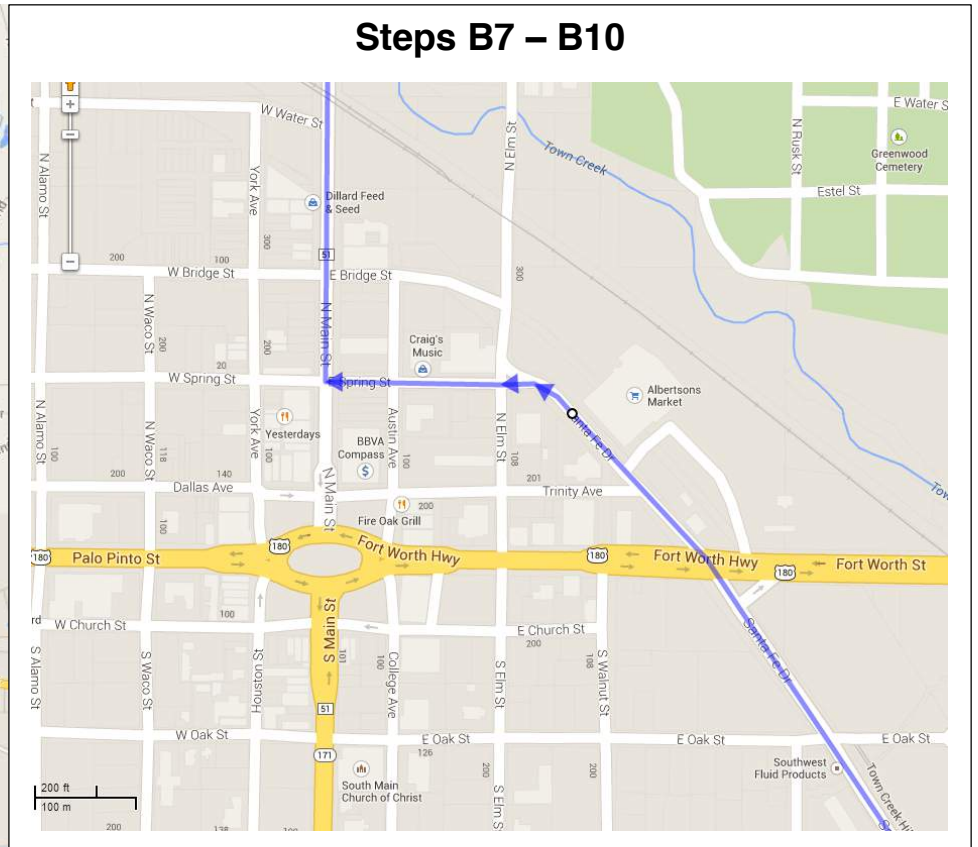
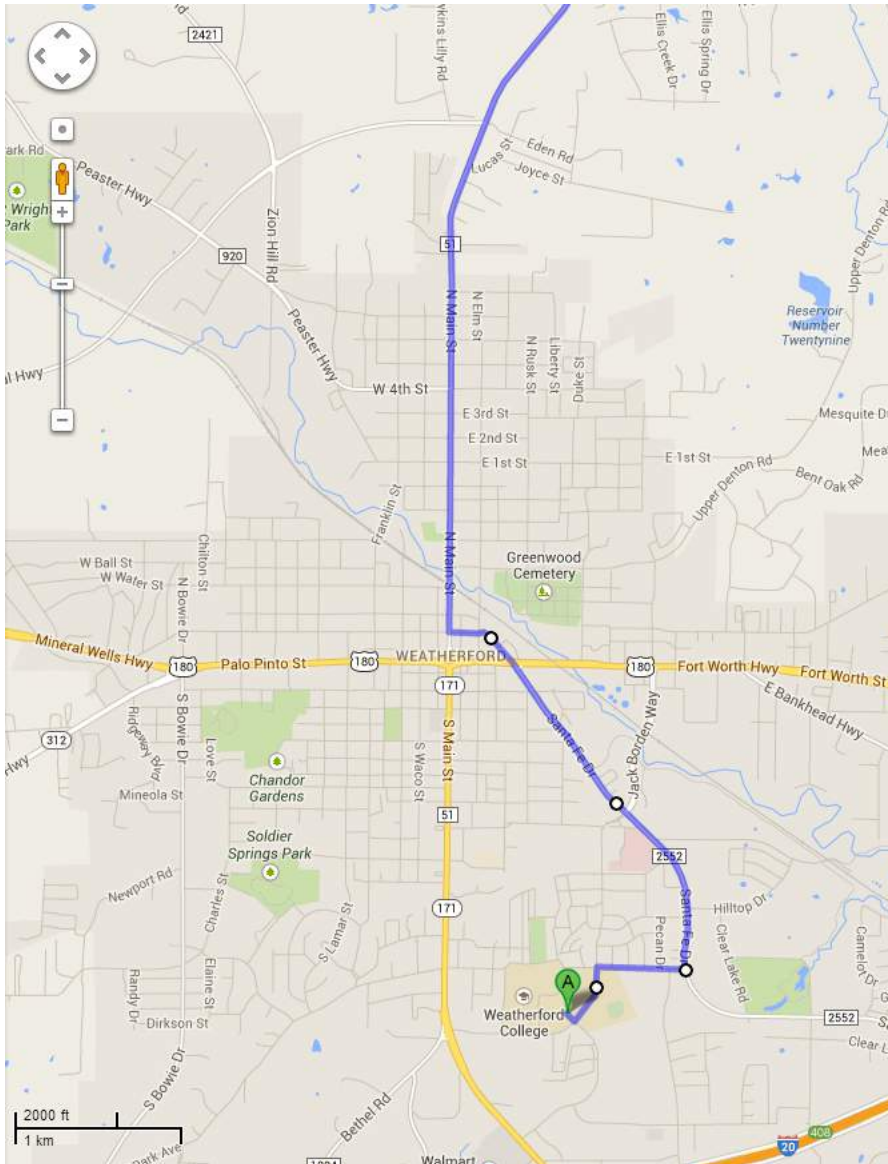
SUPPORT VEHICLE ROUTE DIRECTIONS

1.	Head southeast on Martin Dr toward College Park Dr	
2.	Take the 1st right onto College Park Dr	226 ft
3.	Turn left onto S Main St	0.5 mi
4.	Turn left onto I-20 Service Rd	0.9 mi
5.	Take the Interstate 20 E ramp on the left	0.6 mi
6.	Merge onto I-20 E	0.2 mi
7.	Continue onto I-30 E	12.1 mi
8.	Take exit 5B to merge onto I-820 N	5.6 mi
9.	Take exit 16A on the left to merge onto I-35W N/US-287 N toward Denton Continue to follow I-35W N	13.6 mi
10.	Merge onto I-35 N	28.8 mi
11.	Take exit 108A to merge onto OK-9 E toward Tecumseh	144 mi
12.	Turn left onto Chautauqua Ave	2.3 mi
13.	Turn right onto Gt Blankenship Blvd and follow flaggers	0.2 mi

WEATHERFORD, TX - CHECKPOINT

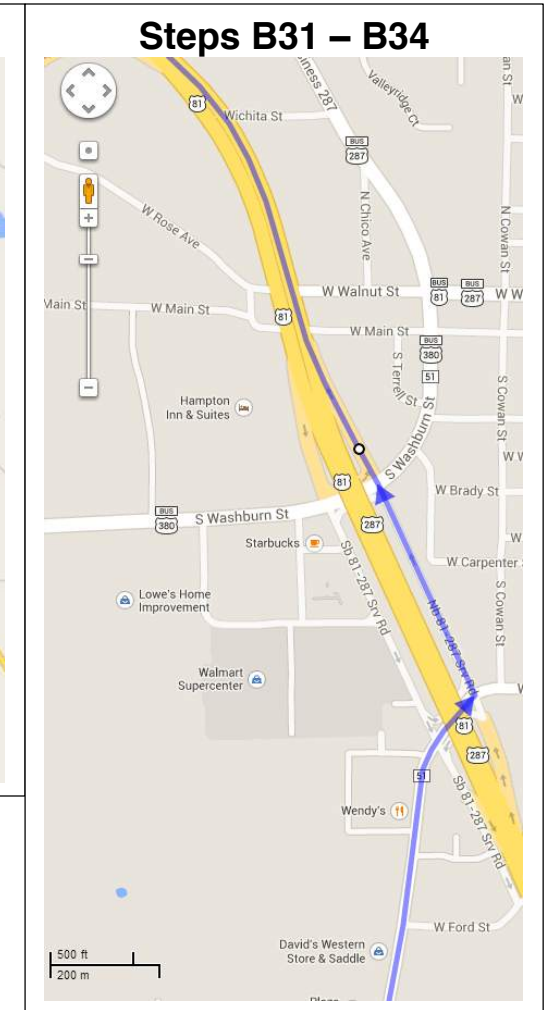
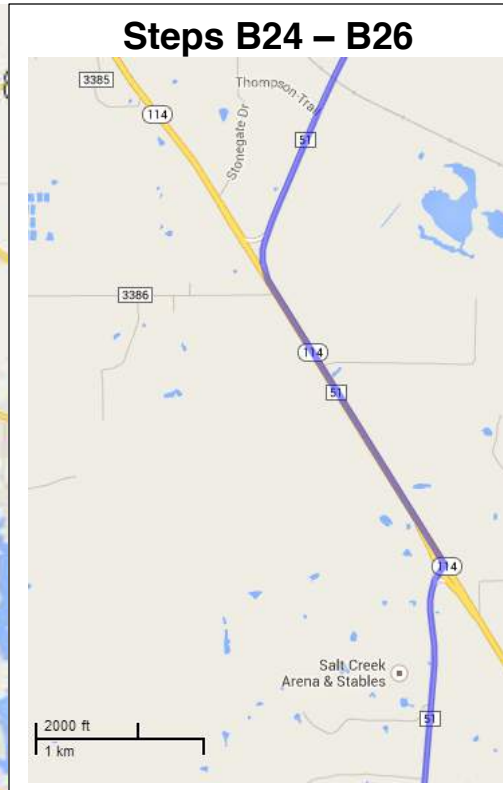
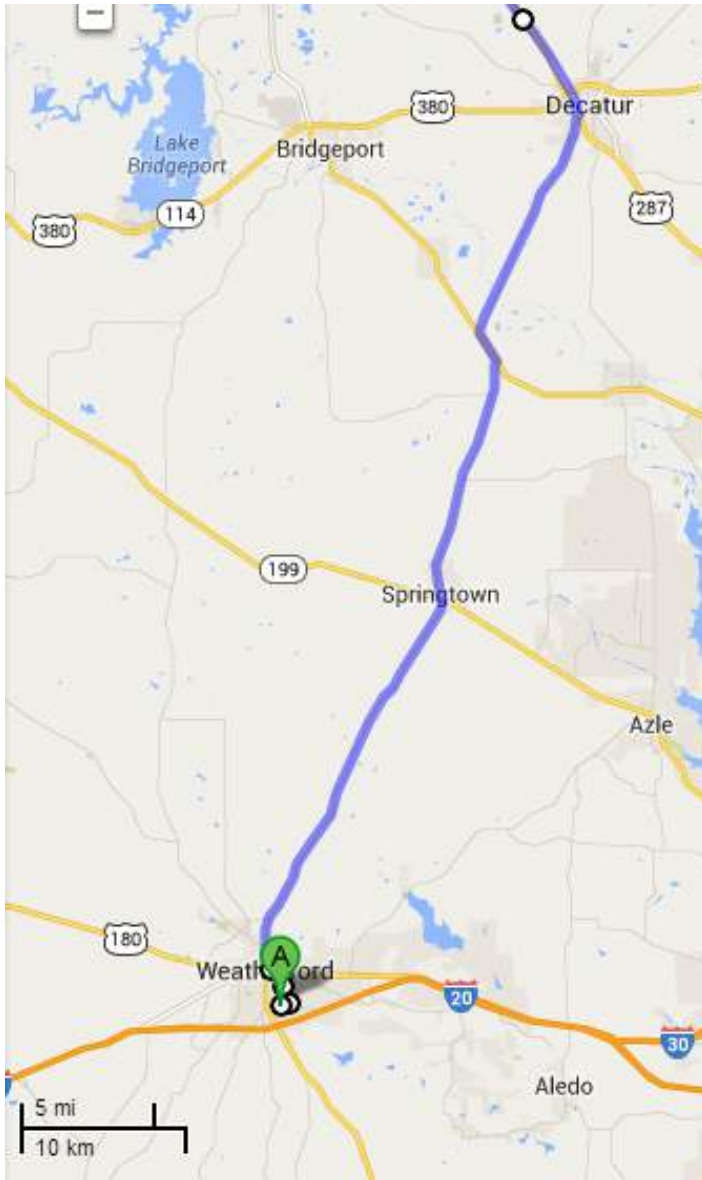


WEATHERFORD, TX – NORMAN, OK



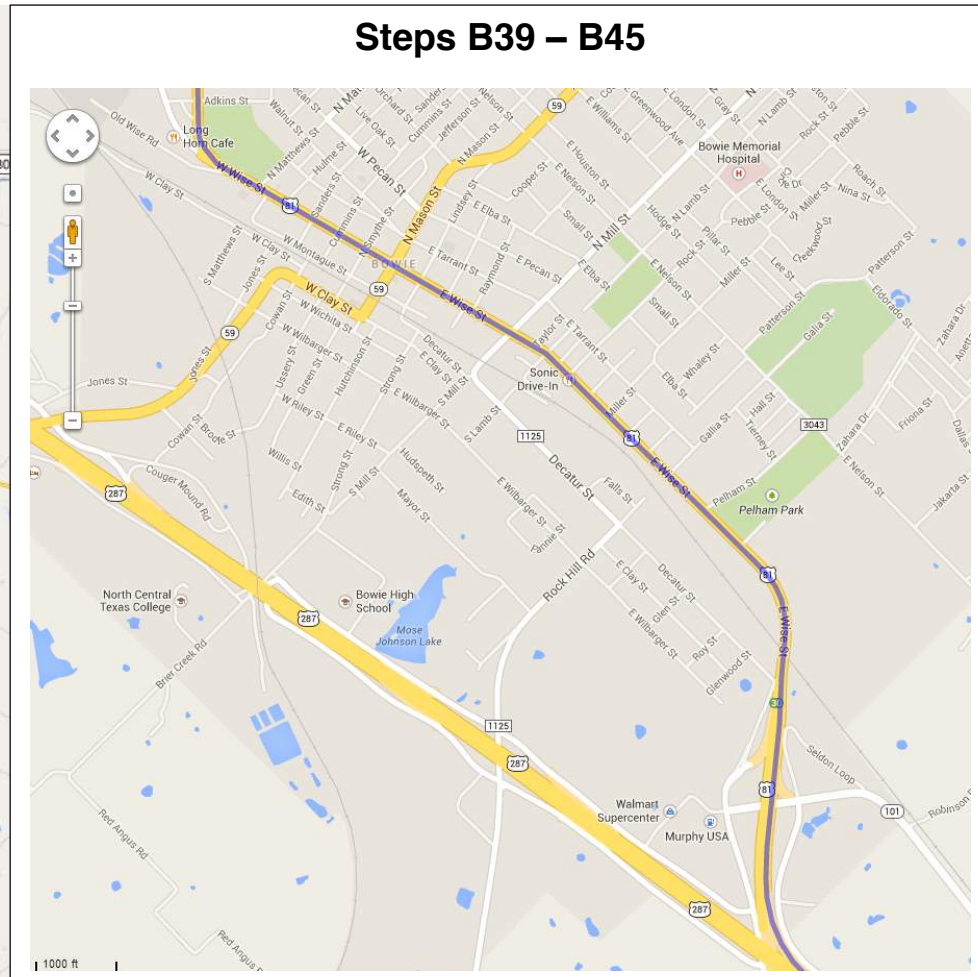
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
B 1	0.00		Turn left at the stop sign at the parking lot exit		2	30	curb	
B 2	0.20	0.20	Turn right at the stop sign for Park Avenue		2	30		
B 3	0.40	0.20		Stop sign for Texas Dr				
B 4	0.50	0.10	Turn left at the SL for Santa Fe Drive		2	45	curb	
B 5	0.70	0.20		SL for Hilltop Dr				
B 6	1.20	0.50	Must be in left lane ahead!	SL for Foster/Jack Borden				
B 7	1.90	0.70		SL for junction US-180/Fort Worth Highway				gas
B 8	2.10	0.20	Only left lane can go straight!	Stop sign for Elm Street	1			
B 9	2.20	0.10	Turn right at SL for Main St/TX-51 North					
B 10	2.30	0.10		RR Tracks	2	30		
B 11	3.10	0.80		SL for 4th Street.		45		gas
B 12	3.50	0.40				55	ditch	
B 13	4.10	0.60		SL for Ric Williamson Memorial Highway	1		p,n	
B 14	6.30	2.20		Gain passing zone, 1/2 mile			p,n	
B 15	7.70	1.40				65		
B 16	10.80	3.10		Gain passing zone	2		p,n	
B 17	13.90	3.10		Right lane ends, merge left	1	65	p,w	

WEATHERFORD, TX – NORMAN, OK



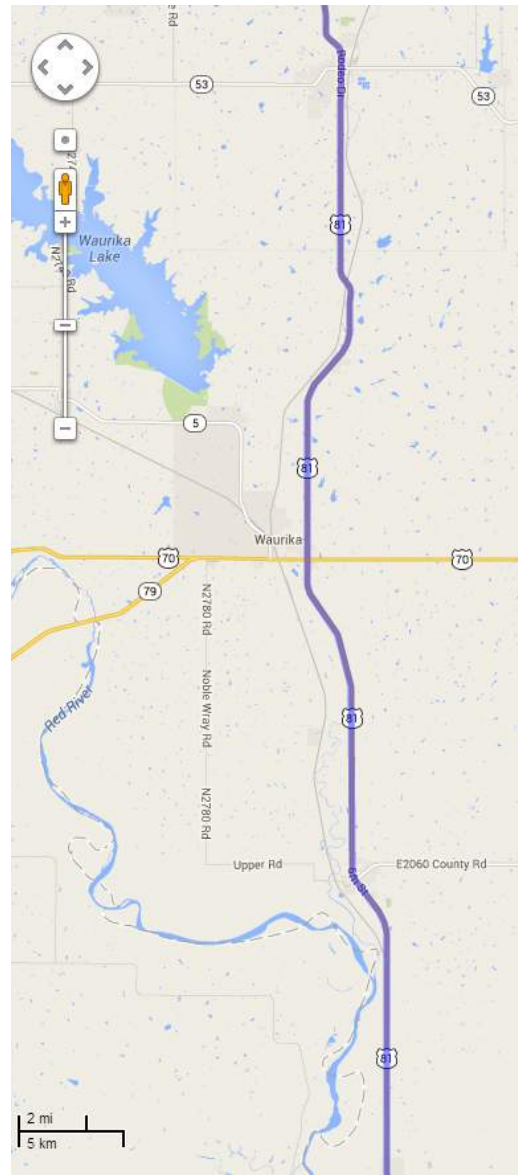
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
B 18	16.10	2.20		Springtown city limits		55		
B 19	17.60	1.50				45		
B 20	18.00	0.40	Continue to follow TX-51	SL for Junction TX-199		30		gas
B 21	18.70	0.70				45		
B 22	19.20	0.50		SL for Pojo Rd/Montgomery St		50		
B 23	20.60	1.40			1	70	p	
B 24	27.50	6.90	Turn left after underpass at T-intersection to merge with TX-114 West	Flashing yellow for junction with TX-114	1	65		
B 25	28.80	1.30	Exit right to follow TX-51		1	70	p,n	
B 26	29.60	0.80		RR Tracks				
B 27	34.80	5.20				60		
B 28	35.80	1.00		Entering Decatur	2	50		
B 29	37.30	1.50		SL for Eagle Drive/Medical Center Drive		45		Hospital
B 30	37.50	0.20		SL for Thompson St		35		full services
B 31	37.90	0.40		SL for US-287 South/US-81 South				
B 32	38.00	0.10	Turn left at the SL after the underpass for US-81 North/US-287 North. Get in the middle lane after the turn.	Protected left. Use rightmost turn lane.	3	30		
B 33	38.30	0.30	Continue straight at the SL to enter US-81 North. ONLY CENTER LANE CAN CONTINUE STRAIGHT.					food, gas
B 34	38.40	0.10	Merge left onto US-81 North		2	65	p,w	

WEATHERFORD, TX – NORMAN, OK



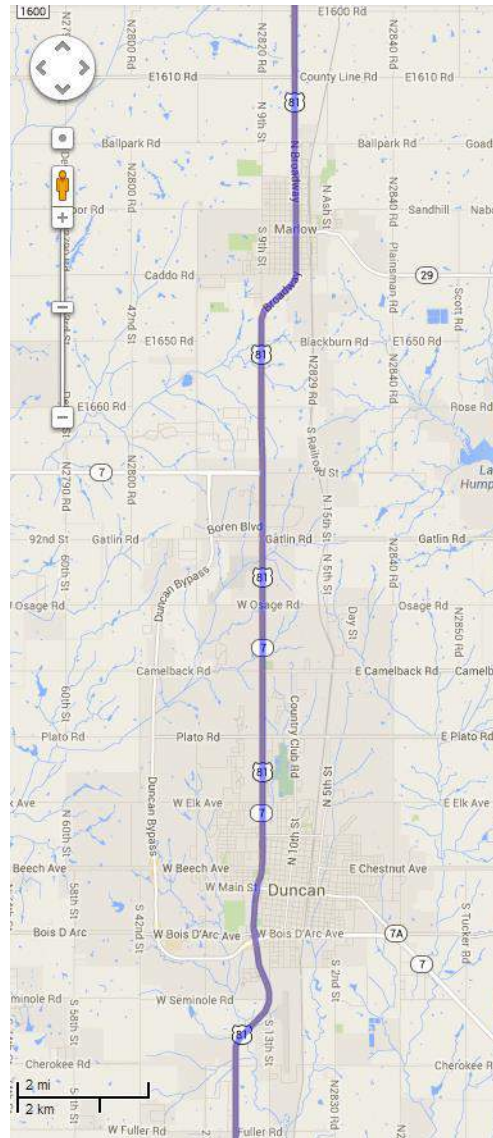
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
B 35	40.60	2.20				75	p,w	
B 36	42.50	1.90		Rest area on right				
B 37	47.60	5.10	Continue to follow US-81 North/US-287 North towards Wichita Falls	Exit for US-81 Business North/US-287 Business North towards Alvord				gas
B 38	57.70	10.10		Picnic rest area on right				
B 39	63.80	6.10	Exit right to follow US-81 North	Bowie City Limit, US-287 North continues straight	2	70	p,w	
B 40	64.60	0.80		Freeway ends	2	55		
B 41	64.90	0.30		City of Bowie Rodeo Grounds on right		45		
B 42	65.20	0.30				35		
B 43	65.70	0.50	Prepare for upcoming right turn	SL for FM 1125/Mill St				food, gas, Hospital
B 44	66.00	0.30		SL for junction TX-59/Mason St				
B 45	66.50	0.50	Exit right before flashing yellow to follow US-81 North		1	45	p	
B 46	67.00	0.50				50		
B 47	68.40	1.40				70	p,w	
B 48	74.40	6.00		Junction TX-1806, Williams Street, school zone				
B 49	81.00	6.60		Picnic area on left				
B 50	84.80	3.80		Junction US-82, access to Ringgold		75		
B 51	89.60	4.80		Welcome to Oklahoma	1	65	p,w	

WEATHERFORD, TX – NORMAN, OK



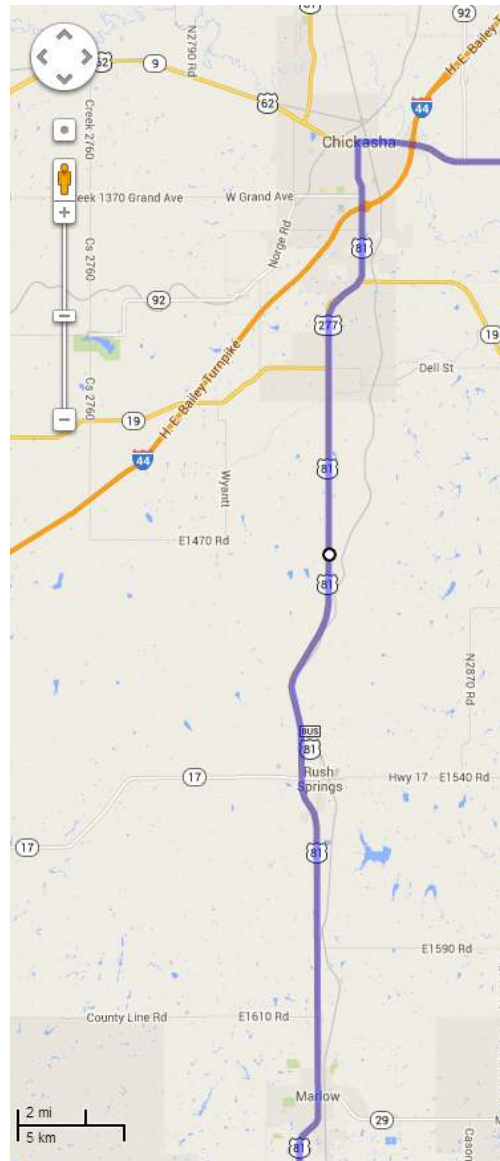
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
B 52	90.30	0.70		Entering Terral		55		gas
B 53	91.50	1.20				65		
B 54	99.20	7.70		Entering Ryan		45		
B 55	99.50	0.30				35		
B 56	99.80	0.30		Flashing yellow for junction with OK-32		35		gas
B 57	100.30	0.50			1	65	p,w	
B 58	109.70	9.40		Stop Sign for junction with US-70, access to Waurika.	2	65	p,w	Hospital, gas, motel
B 59	110.40	0.70		Right lane ends, merge left	1	65	p,w	
B 60	115.60	5.20		Entering Addington		50		
B 61	116.20	0.60				65		
B 62	123.70	7.50		Entering Comanche		45		
B 63	123.90	0.20		Park on left	2	35	curb	
B 64	124.80	0.90		SL Junction OK-53/Oak Main				gas
B 65	125.10	0.30		Right lane ends, merge left	1	45	p,w	food
B 66	125.30	0.20		Veterans Memorial Highway sign		65		
B 67	128.40	3.10		Flashing Yellow for Refinery Rd				
B 68	132.40	4.00				50		

WEATHERFORD, TX – NORMAN, OK



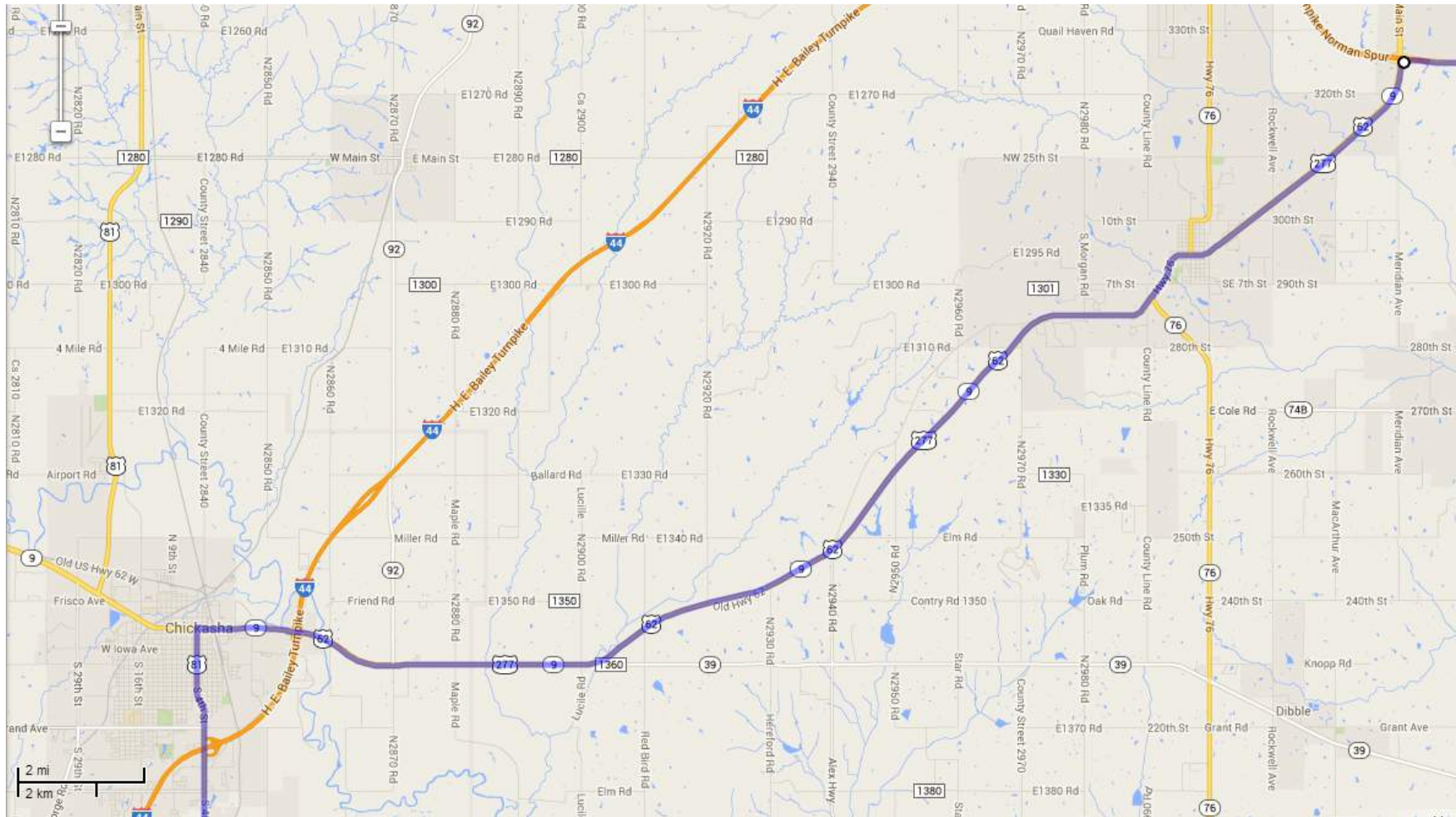
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
B 69	132.90	0.50		Entering Duncan	2	40	curb	
B 70	133.70	0.80		SL for Bois'darc after underpass for OK-7			paved ditch	gas
B 71	134.20	0.50				35	curb	gas, food
B 72	134.40	0.20		SL for Main St				
B 73	134.70	0.30		SL for Beech Ave, Right lane is turn only ahead	3	40		full services
B 74	135.30	0.60		SL for Spruce/Elder	2	40		
B 75	136.00	0.70		SL for Elk Plaza				hardware, RadioShack
B 76	136.80	0.80		SL for Plato Rd				
B 77	137.00	0.20				50	p	
B 78	137.80	0.80		SL for Camelback Rd		55	p	
B 79	140.80	3.00		Flashing Yellow for OK-7		45		gas
B 80	141.00	0.20			2	55	p,w	
B 81	143.00	2.00				45	curb	
B 82	144.00	1.00		SL for Caddo Ave		40	curb	motel, food
B 83	144.30	0.30				30		gas
B 84	144.70	0.40		SL for OK-29/Main St		40		
B 85	145.50	0.80				45		gas, food

WEATHERFORD, TX – NORMAN, OK



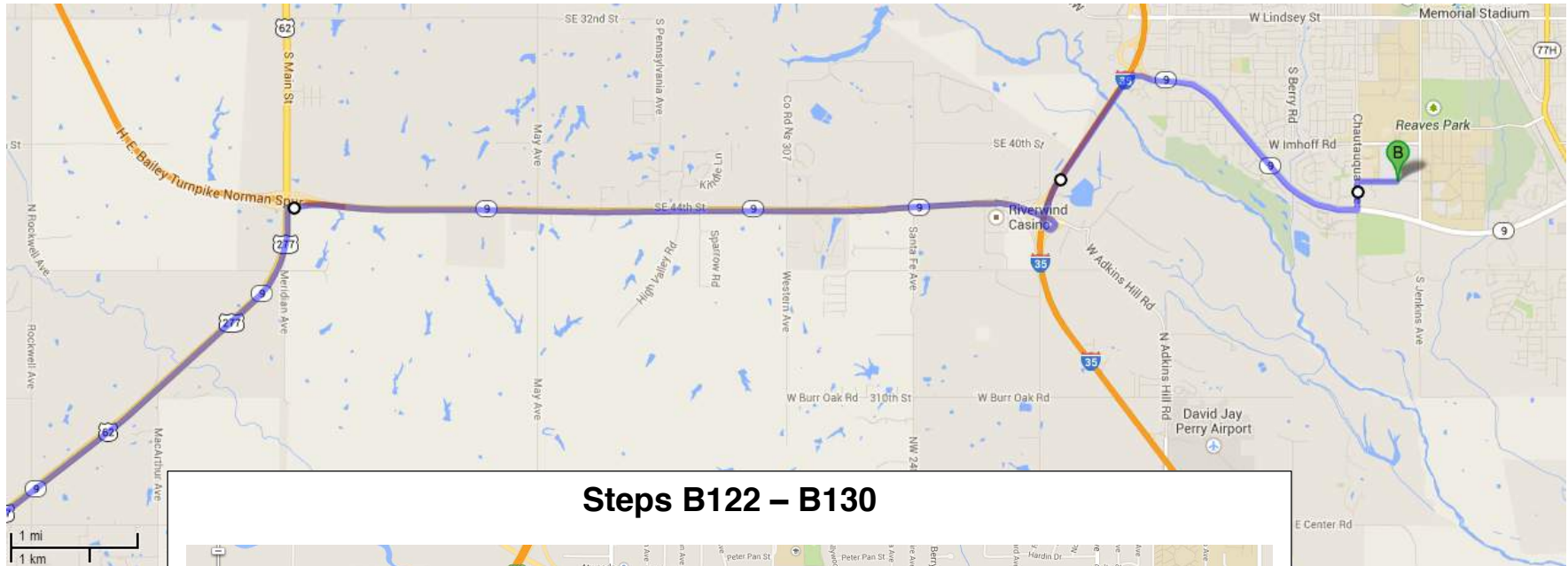
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
B 86	146.20	0.70				55	curb	
B 87	147.20	1.00		Divided highway		70	p,w	
B 88	153.30	6.10				55		
B 89	154.20	0.90		Flashing Yellow for junction with OK-17, access to Rush Springs		45		
B 90	154.70	0.50				70		
B 91	166.50	11.80		Flashing Yellow for junction with OK-19		65		gas
B 92	166.70	0.20				70	p,w	
B 93	169.20	2.50				45		
B 94	169.50	0.30		SL for SH 19	2	45	curb	
B 95	170.00	0.50		Chickasha City Limits				
B 96	171.30	1.30		SL for Almar Dr		40		gas, food
B 97	171.60	0.30		SL for access to I-44 East				
B 98	171.80	0.20		SL for access to I-44 West				
B 99	172.00	0.20		SL for Grand Ave	2	35		gas, food, Walmart
B 100	172.70	0.70		SL for Missouri Ave				food
B 101	173.00	0.30		SL for Minnesota Ave				Hospital, food
B 102	173.30	0.30		SL for Kansas Ave		25		auto parts

WEATHERFORD, TX – NORMAN, OK

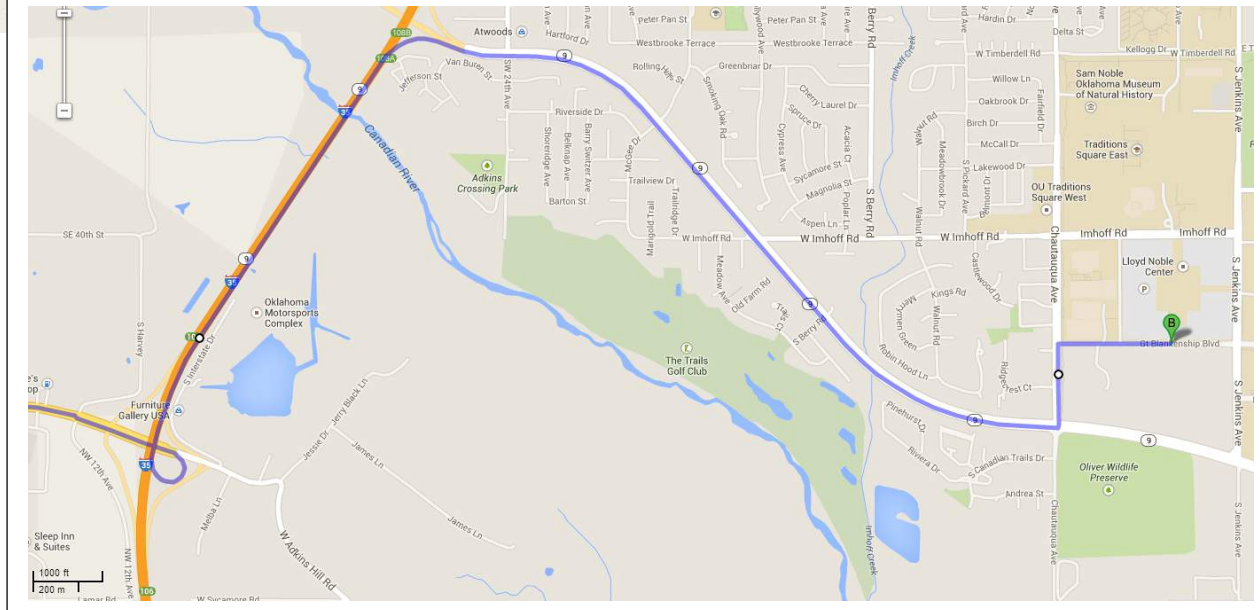


Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
B 103	173.50	0.20		SL for Chickasha Ave				
B 104	173.60	0.10	Turn right at SL for Choctaw Ave to follow US-62 East/US-227 North		2	25		
B 105	173.70	0.10		SL for 3rd St	2	35	curb	
B 106	174.20	0.50				50		gas
B 107	175.20	1.00		Pass under I-44	2	55	p,w	
B 108	175.70	0.50				65		
B 109	177.10	1.40	Right lane ends; merge left	Divided highway ends	1	65	p	
B 110	180.10	3.00	Continue on US-62 East	OK-39 exits right	1	65	p	
B 111	190.70	10.60		Note: right lane exits		55		
B 112	191.20	0.50		Entering Blanchard	2	45		
B 113	192.00	0.80				35	curb	
B 114	192.20	0.20		SL for Main St				
B 115	192.50	0.30		SL Tyler Ave	2	45	p	gas
B 116	193.00	0.50				55		gas, food
B 117	193.30	0.30		SL NE 10th St	2	65	p	gas
B 118	196.90	3.60	Turn right at SL for access to OK-9 East					
B 119	197.10	0.20	Merge left onto OK-9		2	65	p	

WEATHERFORD, TX – NORMAN, OK

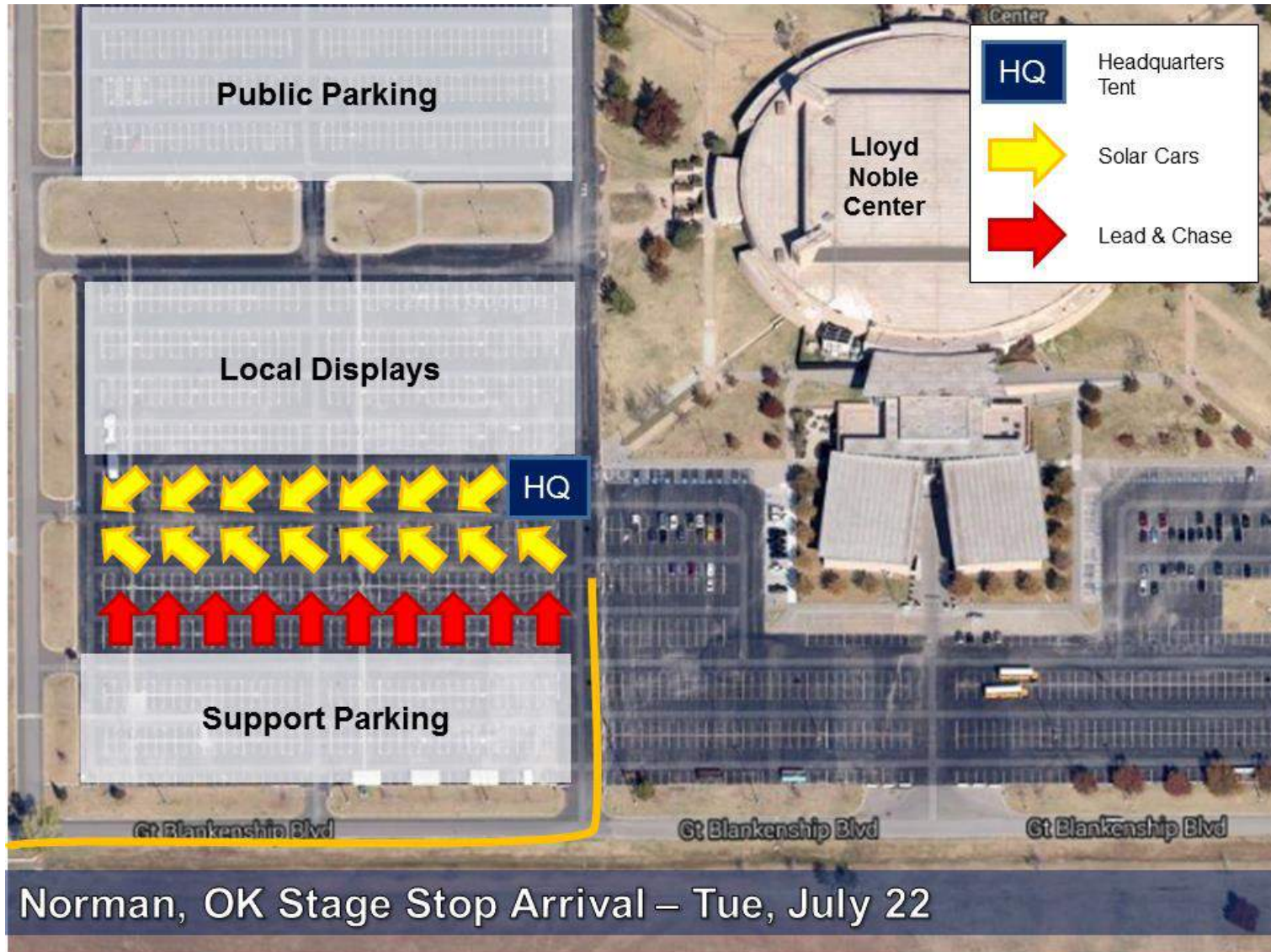


Steps B122 – B130



Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
B 120	201.10	4.00				55		
B 121	201.60	0.50				45		
B 122	202.70	1.10		SL for S Harvey/NW 12th Ave				gas, food
B 123	202.80	0.10		SL for access to I-35 South				
B 124	203.00	0.20	Exit right after the overpass to enter I-35 Northbound to follow OK-9		3	55	p	
B 125	204.50	1.50	Exit right at exit 108A following signs of OK-9 East and Tecumseh		2	50/Min 40	p	
B 126	204.80	0.30		SL for 24th Ave W				gas
B 127	205.70	0.90		SL for Imhoff Rd				
B 128	206.70	1.00	Turn left at SL for Chautauqua Avenue	Protected left into the University of Oklahoma	2	40	curb	
B 129	206.90	0.20	Turn right onto GT Blankenship		2	35	curb	
B 130	207.20	0.30	Turn left into University of Oklahoma Lloyd Noble Center parking lot	3rd entrance on left, sign for RV parking				

NORMAN, OK – STAGE STOP



STAGE 2

PART A

2014 AMERICAN SOLAR CHALLENGE

Norman, OK – Wichita, KS
July 23

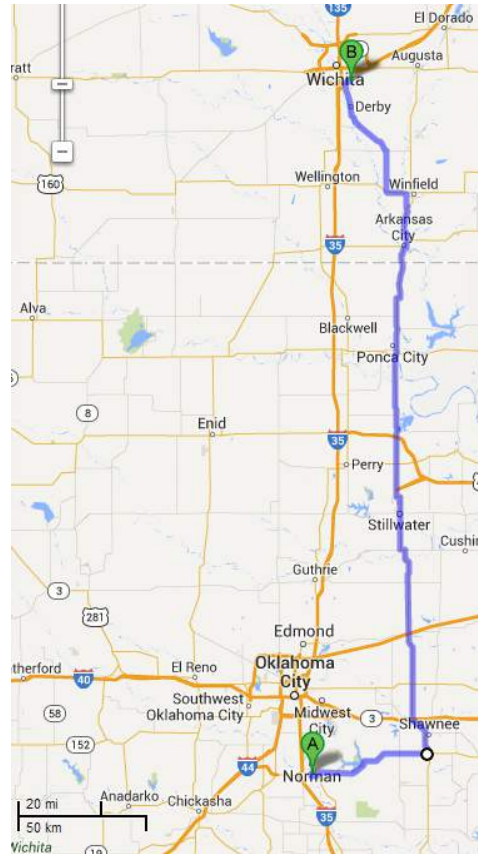
NORMAN, OK – WICHITA, KS

START: Lloyd Noble Center, University of Oklahoma.
 2900 South Jenkins Avenue, Norman, OK 73019

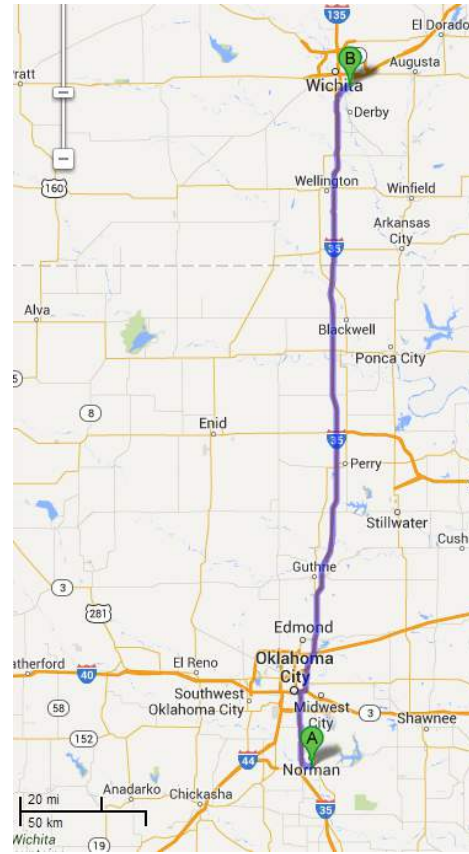
END: Kansas Aviation Museum, 3350 S George Washington Blvd, Wichita, KS 67210



SOLAR CAR ROUTE



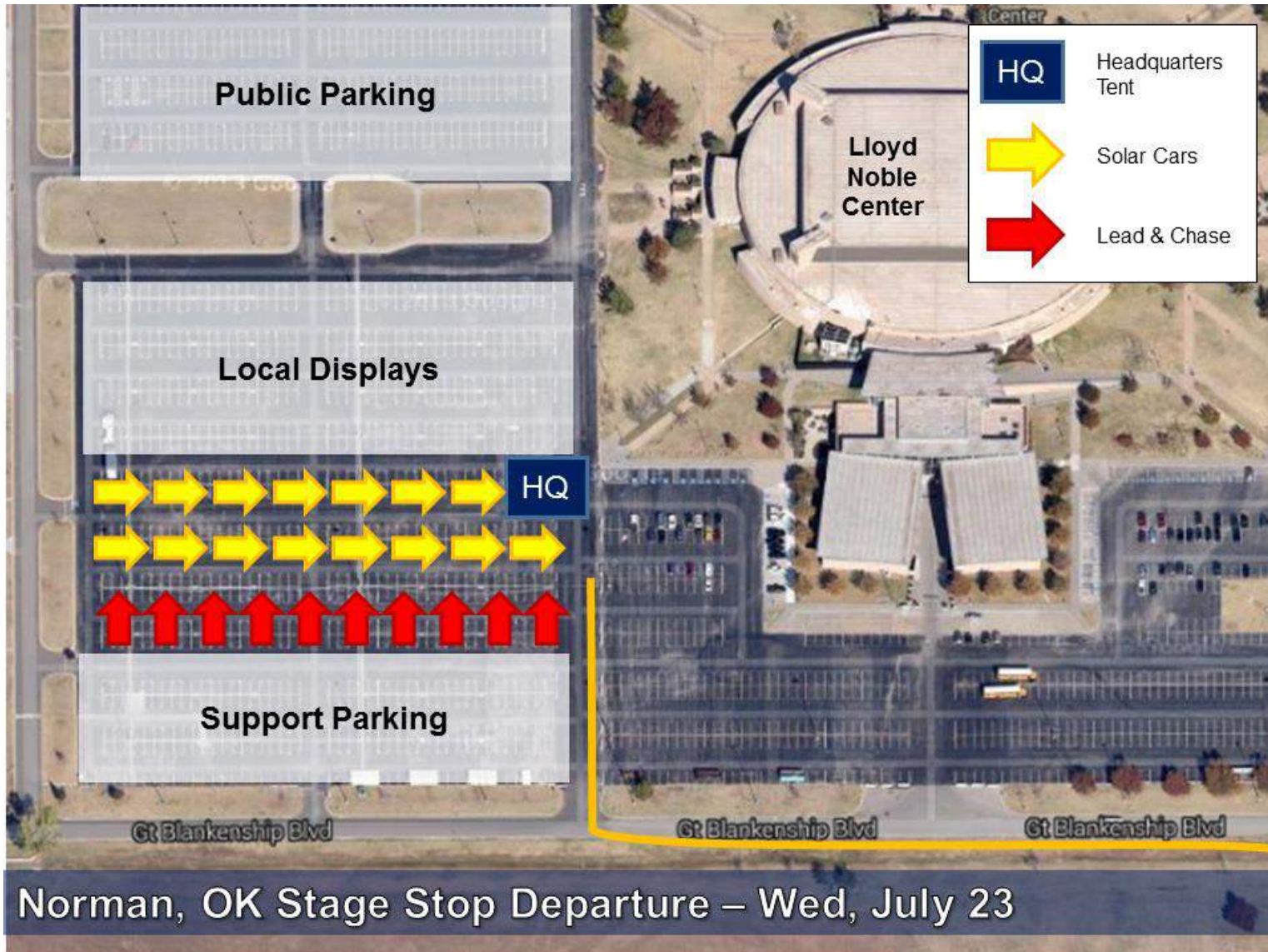
SUPPORT VEHICLE ROUTE



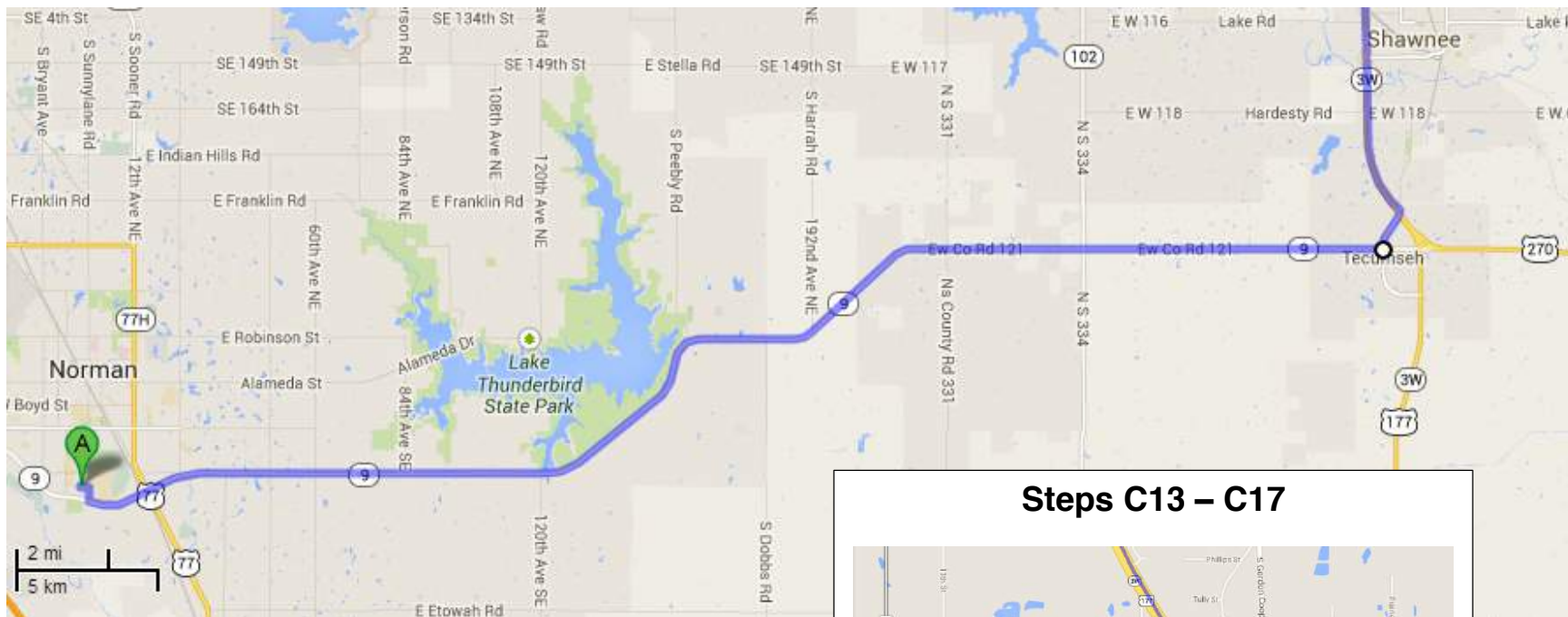
SUPPORT VEHICLE ROUTE DIRECTIONS

1.	Turn onto Imhoff Rd heading West	
2.	Turn left onto Gt Blankenship Blvd	213 ft
3.	Turn right onto S Jenkins Ave	0.2 mi
4.	Turn right onto OK-9 W	0.3 mi
5.	Keep right at the fork, follow signs for I-35 N/Okla. City	2.5 mi
6.	Keep left at the fork and merge onto I-35 N	0.4 mi
7.	Take the exit onto I-35 N/I-40 E/US-62 E toward Wichita/Ft Smith	18.1 mi
8.	Keep right to continue on I-35 N/US-62 E, follow signs for I-44/Tulsa/Wichita Continue to follow I-35 N	1.2 mi
9.	Merge onto I-35 N/I-44 E	5.6 mi
10.	Continue onto I-35 N (Partial Toll Road)	4.2 mi
11.	Take exit 45 toward OK-15/Wichita K-15	143 mi
12.	Sharp left onto S Turnpike Dr	0.3 mi
13.	Turn right onto E 31st St S	0.9 mi
14.	Take the 2nd right onto S George Washington Blvd	0.7 mi

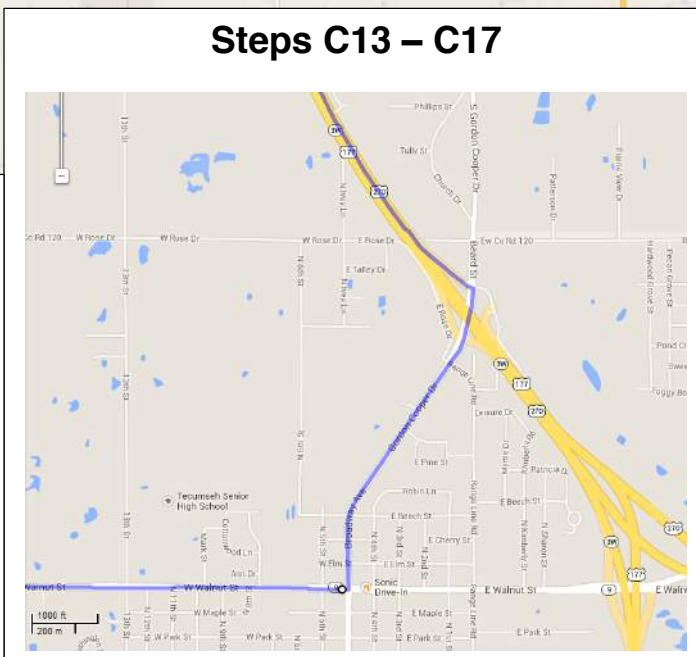
NORMAN, OK – STAGE START



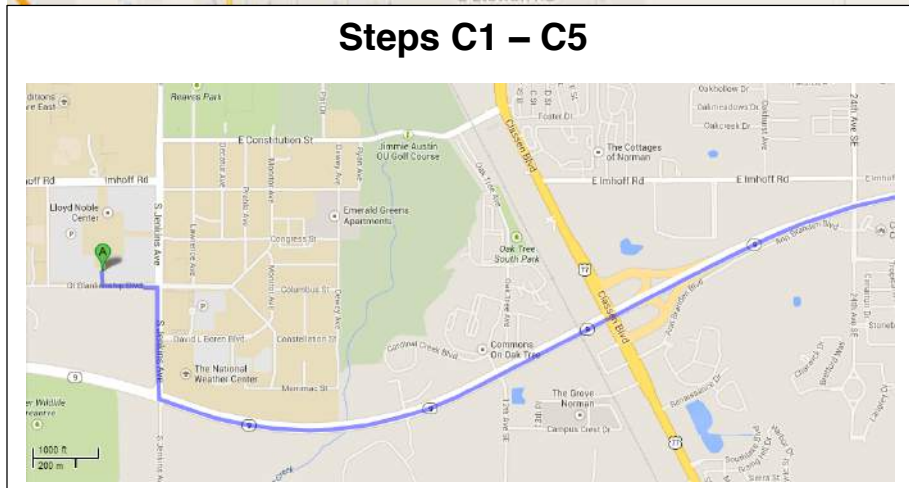
NORMAN, OK – WICHITA, KS



Steps C13 – C17



Steps C1 – C5



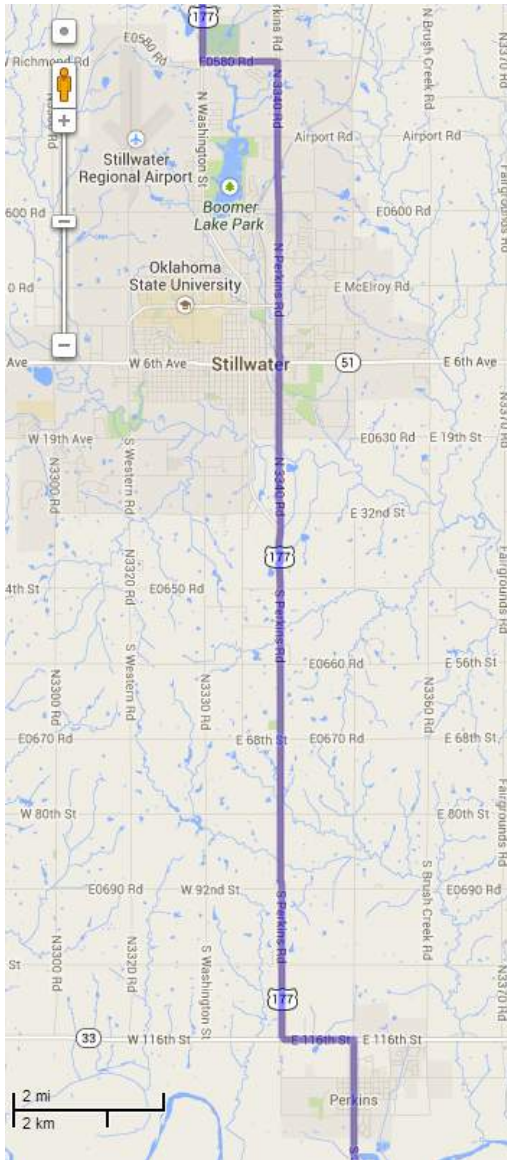
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
C 1	0.00		Turn left out of parking lot onto GT Blankenship Blvd		2	35	curb	
C 2	0.20	0.20	Turn right at stop sign for Jenkins Ave		2	35		
C 3	0.50	0.30	Turn left at SL for OK State Highway 9			50/min 40	p,w	
C 4	1.50	1.00		SL for 12th Ave, lose left lane ahead	1		p,w	food
C 5	2.60	1.10		SL for 24th Ave				
C 6	3.30	0.70		SL for John Saxon Blvd		60		
C 7	6.00	2.70		Flashing Yellow for Blue Creek Drive				
C 8	9.80	3.80			1	65	p,w	
C 9	15.90	6.10		Flashing yellow for camping area on left				gas
C 10	21.60	5.70		Cross Bullfrog Creek				
C 11	24.80	3.20		Flashing yellow for junction with OK-102				gas
C 12	30.40	5.60			2	55		
C 13	30.70	0.30		Entering Tecumseh		35	curb	
C 14	31.40	0.70	Turn left at the SL for Broadway Ave to follow US-177 North/US-270 West		2		curb	gas, food
C 15	32.10	0.70				40		food
C 16	32.40	0.30	Turn left after the underpass, following signs for US-270 West/US-177 North					
C 17	32.70	0.30	Merge left onto US-177 North		2	65	p,w	

NORMAN, OK – WICHITA, KS



Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
C 18	33.70	1.00		SL for Benson Park Rd				
C 19	34.70	1.00		SL for Hardesty Rd				food
C 20	39.00	4.30		SL for Acme Rd				gas
C 21	41.10	2.10	Continue straight on US-177 North	SL for 45th St. Do NOT exit right for I-40! Stay left!				
C 22	43.00	1.90			1	65	p,w	
C 23	50.30	7.30		Stop sign for junction with US-62				
C 24	62.70	12.40		Stop sign for junction with OK-66	1	45	p,w	
C 25	63.10	0.40		RR Crossing		55	grass	
C 26	68.50	5.40				35		
C 27	68.80	0.30		Bell Cow Creek, followed by dirt pulloff area on right		55		
C 28	70.70	1.90		Entering Carney		45		gas, food
C 29	72.10	1.40				65		
C 30	75.50	3.40				55		
C 31	75.70	0.20		Junction with OK-105				
C 32	76.00	0.30			1	65	grass	
C 33	83.00	7.00		Entering Perkins		45		
C 34	83.30	0.30		Flashing Yellow for Knipe Ave and Cemetery		35		

NORMAN, OK – WICHITA, KS



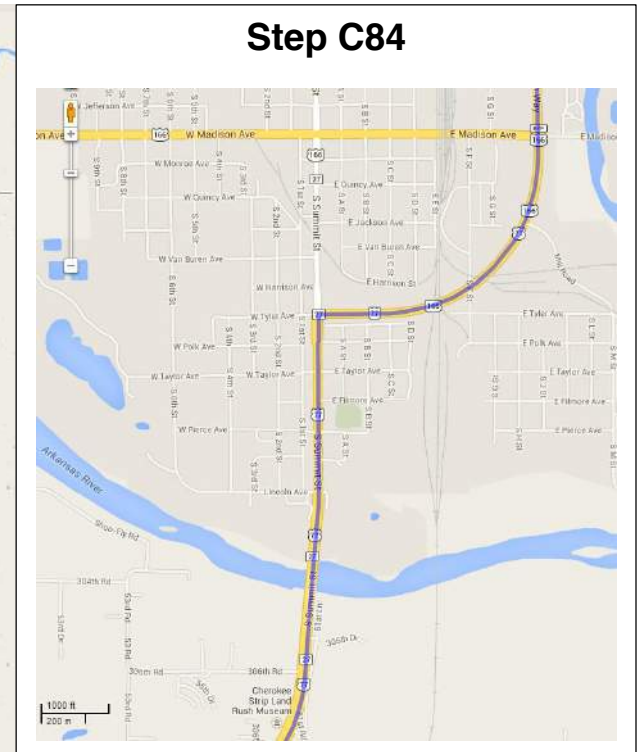
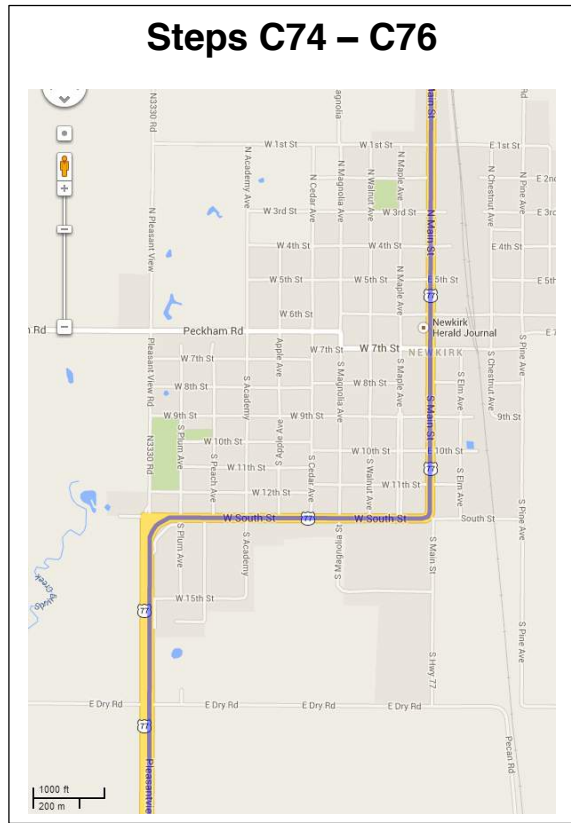
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
C 35	83.40	0.10				25		
C 36	83.50	0.10		4-way stop		35		
C 37	84.20	0.70	Turn left at the stop sign; Signs for US-177 North/OK-33 West	Sonic Drive-in and McDonalds on corner	2	55		food
C 38	85.20	1.00	Exit right immediately before SL to follow US-177 North	Cenex gas station on far right corner	2	65	p,w	gas
C 39	91.70	6.50			2	55	curb	
C 40	93.10	1.40		Entering Stillwater		40		
C 41	93.70	0.60		SL for 12th Street, followed by RR crossing				
C 42	93.90	0.20				35		
C 43	94.20	0.30		SL for junction with OK-51 and 6th Ave				full services
C 44	94.40	0.20		SL for 3rd St				
C 45	94.70	0.30		SL for Virginia Ave	2	40	curb	
C 46	95.00	0.30		SL for Hall Of Fame				
C 47	95.60	0.60		SL for Redbud Dr				
C 48	96.20	0.60		SL for Lakeview Rd		45		
C 49	96.50	0.30		SL for Mercury Ave				gas
C 50	96.80	0.30	Merge left - right lane ends after the RR tracks	Two sets of RR Tracks	1		p	
C 51	98.20	1.40	Turn left at Richmond Rd, following signs for US-177 North	Watch signs! No stop sign or SL!	1	50	p,w	

NORMAN, OK – WICHITA, KS



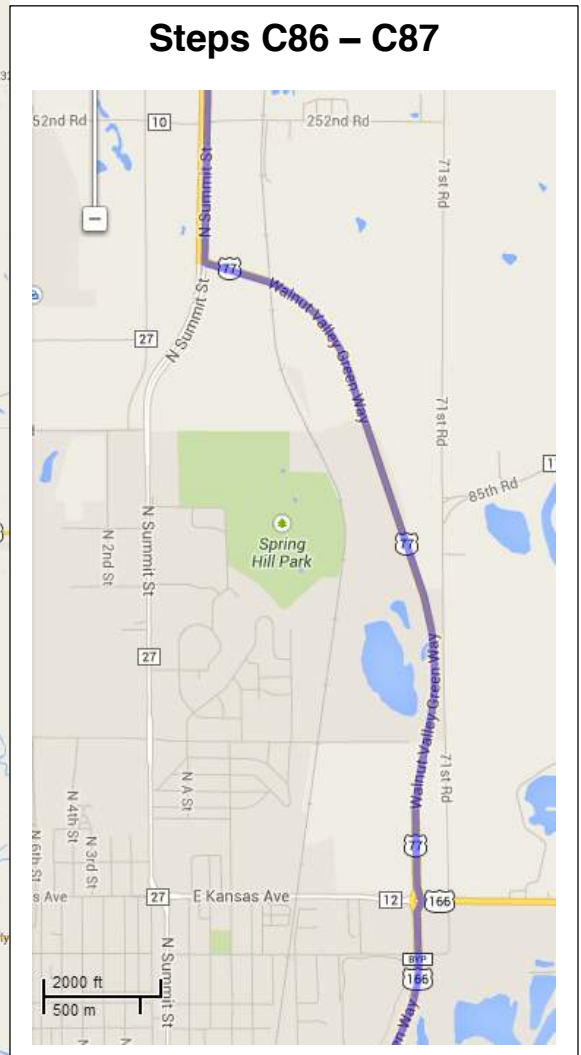
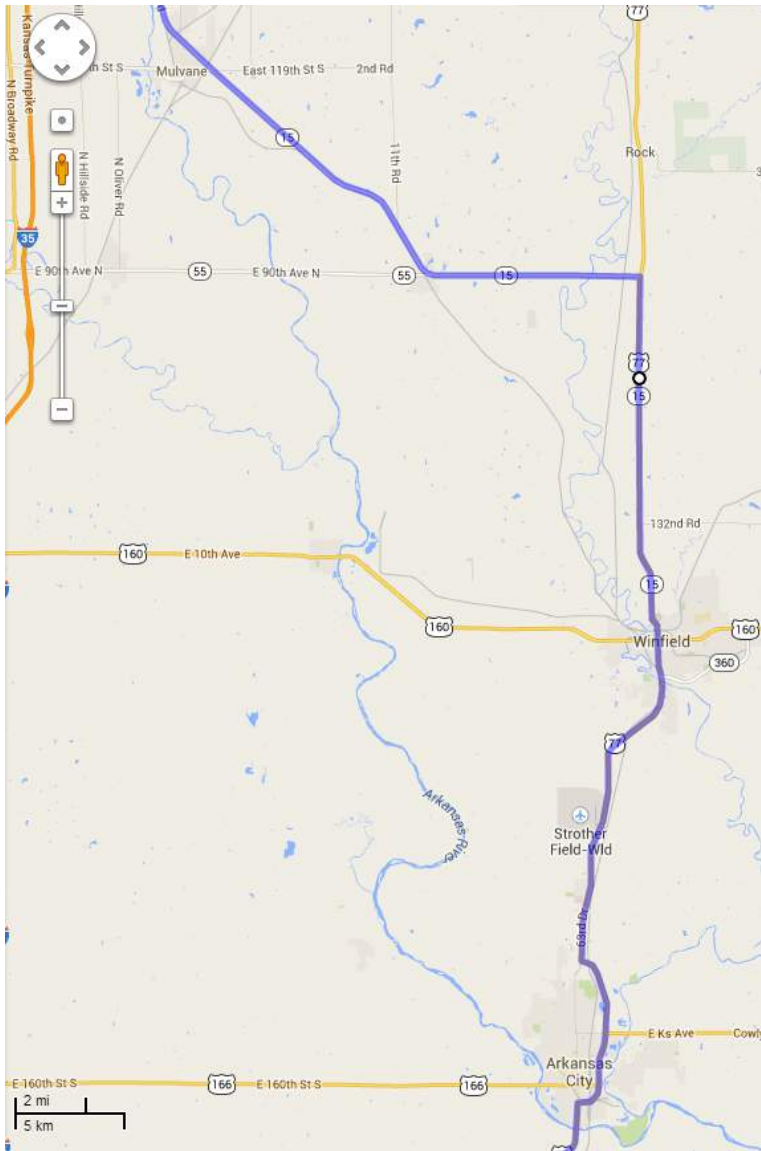
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
C 52	99.20	1.00	Turn right at SL for Washington St, following signs for US-177		2	55	curb	gas
C 53	100.80	1.60		Access to the Cimarron Turnpike, go down to one lane afterwards	2	65	p,w	
C 54	107.30	6.50		4-way stop for junction with US-64			grass	gas
C 55	108.40	1.10		RR Crossing				
C 56	113.70	5.30		Junction US-412	1	65	p	
C 57	119.30	5.60		Junction with OK-15 West to Red Rock				
C 58	120.20	0.90				55		
C 59	122.00	1.80			1	65	p	
C 60	128.80	6.80		Divided highway	2	65	p,w	
C 61	133.30	4.50		RR Crossing		55		
C 62	134.50	1.20	Continue straight at the SL for Harding to follow US-77 North	Lose divided highway. Do NOT turn left to follow US-177 North. Ponca City	2	50	p,w	
C 63	135.60	1.10		SL for South Ave		40	curb	gas, food, hotels
C 64	136.10	0.50		SL for Grand Ave				
C 65	136.60	0.50		SL for Highland Ave/Lake Rd				
C 66	137.60	1.00		SL for Hartford Ave				Hospital, gas
C 67	138.10	0.50		SL for Bradley Ave				food
C 68	138.60	0.50		SL for Prospect Ave	2	45	curb	

NORMAN, OK – WICHITA, KS



Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
C 69	139.10	0.50		SL for Knight St, resume divided highway		55	p,w	
C 70	139.60	0.50		SL for Hubbard Rd		65		
C 71	143.10	3.50				55		
C 72	143.60	0.50		Flashing yellow for OK-11 and Kildale Rd		65	grass	
C 73	147.90	4.30		Entering Newkirk		45		
C 74	148.10	0.20	Turn right before the stop sign to follow US-77 North		1	35		
C 75	148.90	0.80	Turn left before the Shell gas station to follow US-77 North		2	30	curb	
C 76	149.30	0.40		SL 7th St		35		
C 77	149.90	0.60			1	45		
C 78	150.40	0.50				65	grass	
C 79	155.40	5.00		Cross Chilocco Creek, casinos on left		55		gas
C 80	157.60	2.20		Welcome to Kansas, divided highway	2	70	paved	
C 81	160.10	2.50		Picnic area on right		60		
C 82	160.40	0.30		Entering Arkansas City	2	45		
C 83	161.00	0.60				30	curb	
C 84	161.30	0.30	Turn right at SL to follow US-77 North		2	45	curb	
C 85	162.40	1.10	Merge left; right lane ends in half a mile			55	p	

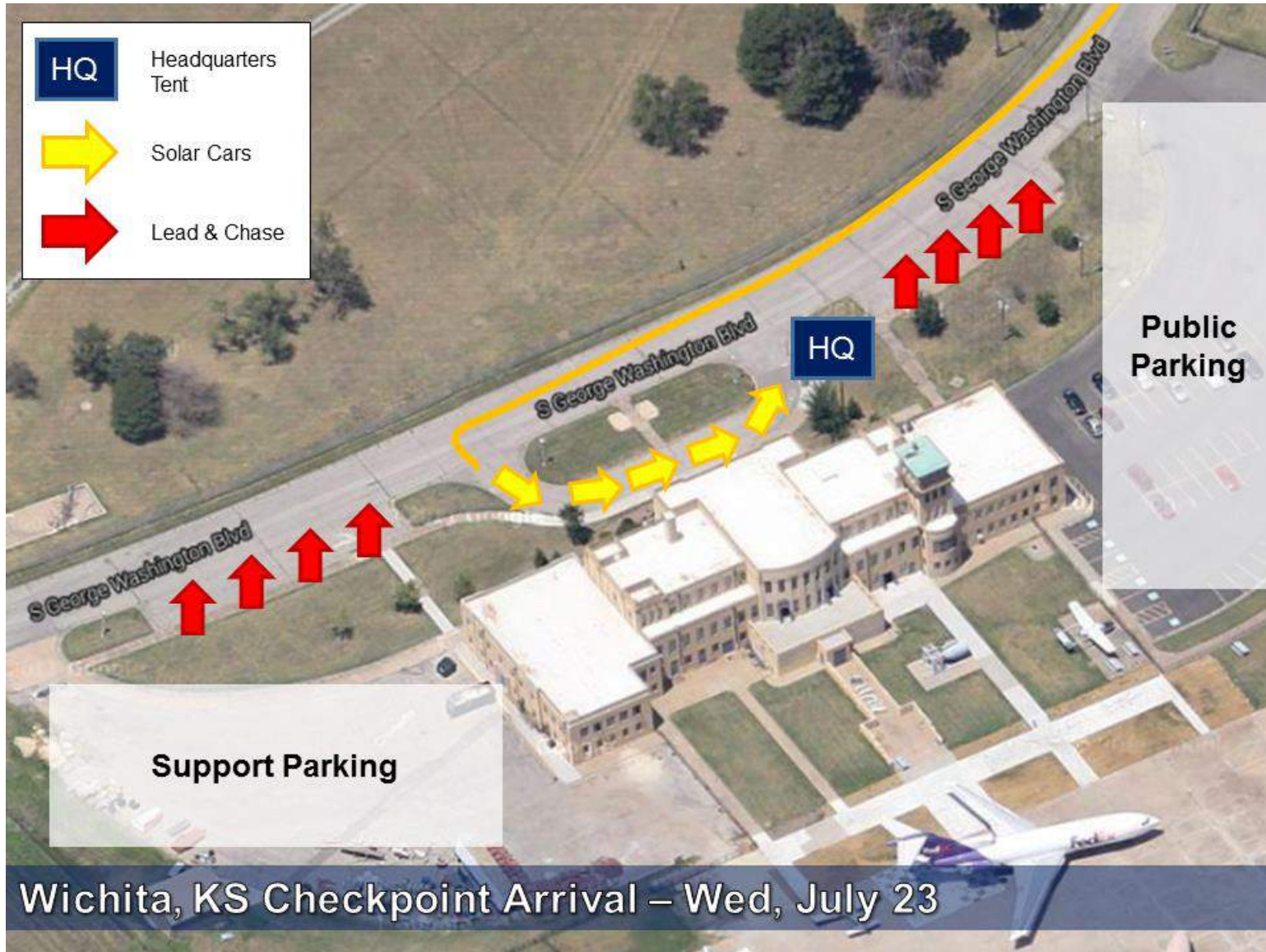
NORMAN, OK – WICHITA, KS



Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
C 86	163.70	1.30	Roundabout at junction with US-166, continue to follow US-77 North.		1	65		
C 87	166.10	2.40	Turn right at the stop sign to continue following US-77 North		2	70		
C 88	170.10	4.00		RR tracks				
C 89	174.10	4.00		Entering Winfield		55		
C 90	175.00	0.90		Cross Walnut River, SL for KS-360		35		
C 91	175.30	0.30	Get in left lane, left fork one mile ahead	SL for Sunnyside Ave			curb	full services
C 92	175.80	0.50		SL for 14th Ave		30		
C 93	176.10	0.30		SL for 10th Ave		20		
C 94	176.40	0.30		RR Tracks	2	30		
C 95	176.50	0.10	Take left fork to follow US-77 North and KS-15		1	35		
C 96	176.80	0.30			1	65	grass	
C 97	186.60	9.80	Turn left to follow KS-15 (the sunburst sign) towards Wichita	No stop sign or SL. EASY TO MISS, PAY ATTENTION!	1	65	grass, narrow	
C 98	187.10	0.50		RR Tracks				
C 99	192.40	5.30	Continue to follow KS-15 North as the highway curves to the right	Entering Udall	2	45		gas
C 100	192.80	0.40			1	65		
C 101	201.20	8.40		Junction with KS-53	2	55		
C 102	201.60	0.40		Mulvane City Limit		45	p,w	

Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
C 103	201.80	0.20		SL for Lisa Ln				
C 104	202.60	0.80		SL for Rock Rd				
C 105	203.70	1.10			2	60	p,w	
C 106	205.90	2.20		Entering Derby		45		
C 107	206.70	0.80				30	curb	full services
C 108	207.00	0.30		SL for Market St				
C 109	207.20	0.20		SL for Madison Ave				
C 110	207.60	0.40		SL for Buckner Ave/Frontage Rd				
C 111	207.90	0.30			2	45	p,w	
C 112	208.40	0.50		SL for Meadowlark Rd/E 71st St	2	55		food, gas
C 113	211.50	3.10		SL for 47th St South				
C 114	212.40	0.90		SL for MacArthur followed by RR tracks		50	curb	
C 115	213.60	1.20	Turn right at SL for 31st St		2	40	curb	
C 116	213.80	0.20		SL for Hillside				
C 117	214.60	0.80		SL for Turnpike Dr				
C 118	214.80	0.20		SL for Oliver, right lane is turn only				
C 119	215.30	0.50	Turn right at the stop sign into the museum parking lot					

WICHITA, KS – CHECKPOINT



STAGE 2

PART B

2014 AMERICAN SOLAR CHALLENGE

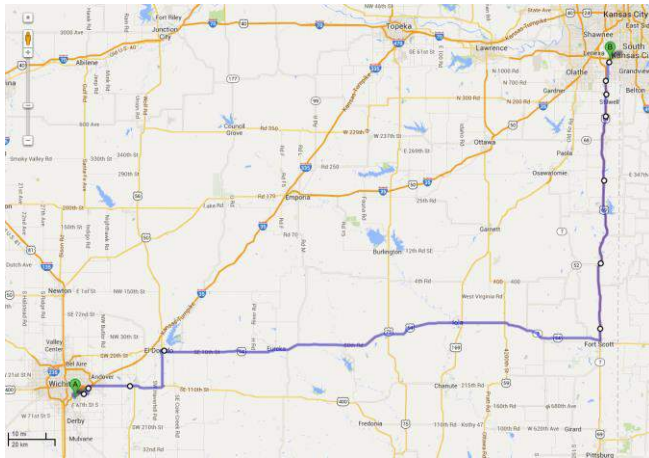
Wichita, KS – Overland Park, KS
July 23 – July 24

WICHITA, KS – OVERLAND PARK, KS

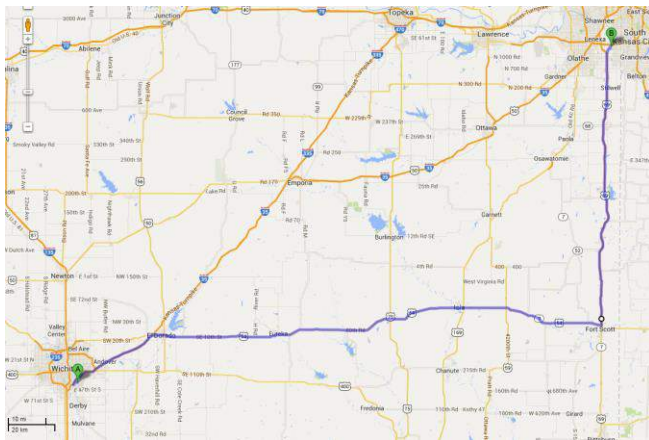
START: Kansas Aviation Museum
 3350 S George Washington Blvd, Wichita, KS 67210
 END: Black & Veatch, 11401 Lamar Ave, Overland Park, KS 66211



SOLAR CAR ROUTE



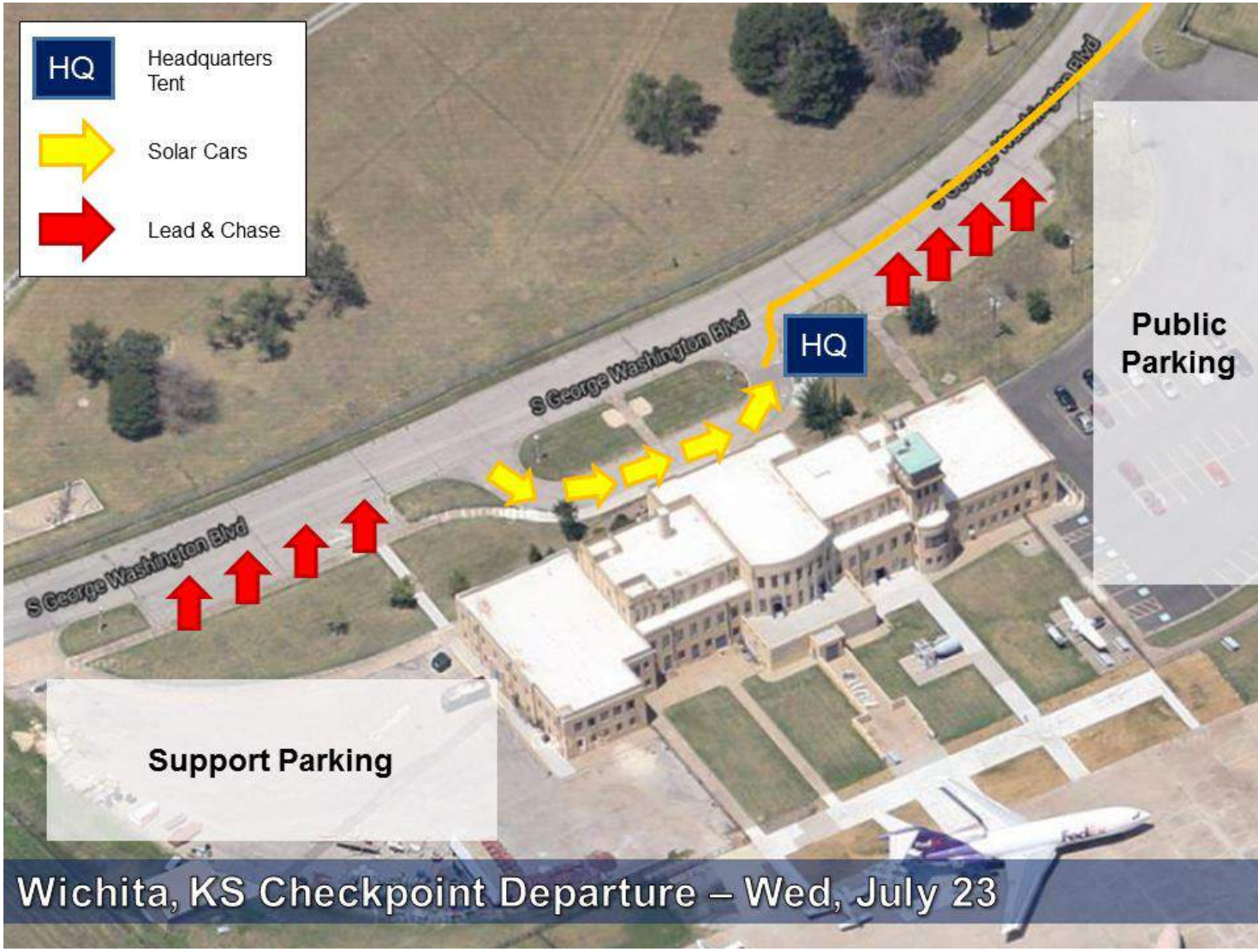
SUPPORT VEHICLE ROUTE



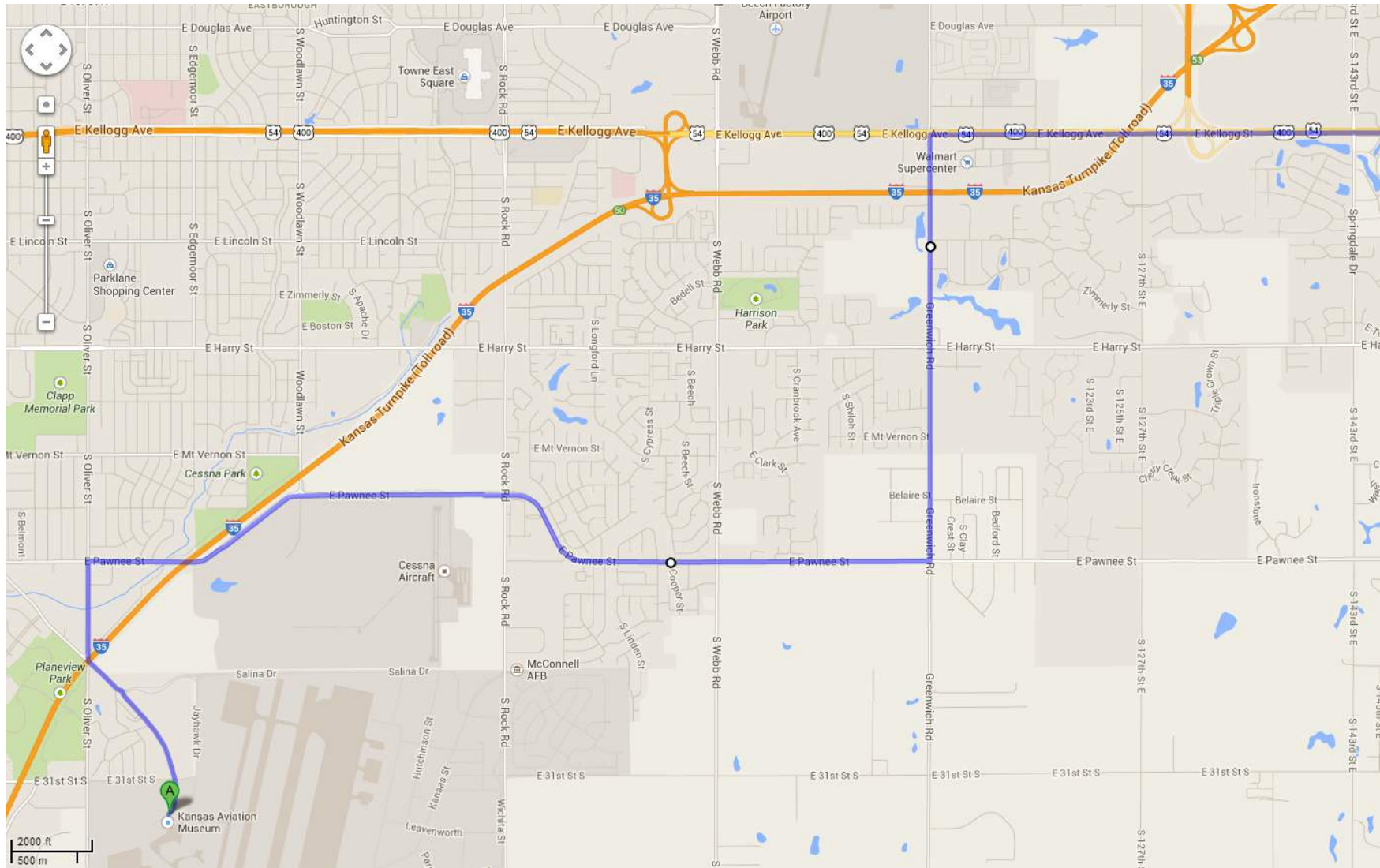
SUPPORT VEHICLE ROUTE DIRECTIONS

1.	Head northeast on S George Washington Blvd toward E 31st St S	
2.	Take the 1st left onto E 31st St S	0.2 mi
3.	Take the 2nd left onto S Turnpike Dr	0.7 mi
4.	Turn right onto the ramp to I-35 N (Toll Road)	0.9 mi
5.	Keep right at the fork, follow signs for I-35 N/EI Dorado/Kansas City and merge onto I-35 N	0.1 mi
6.	Take exit 71 toward KS-254/KS-196/EI Dorado	25.8 mi
7.	Slight right onto Boyer Rd	0.3 mi
8.	Turn left onto KS-254 E/W Central Ave	0.1 mi
9.	Continue onto US-54 E	3.8 mi
10.	Turn left to merge onto US-69 N	120 mi
11.	Take the exit toward Blue Valley Pkwy	73.6 mi
12.	Merge onto Blue Valley Pkwy	0.6 mi
13.	Slight left onto Metcalf Ave	0.7 mi
14.	Take the 1st right onto W 115th St	0.2 mi
15.	Turn left onto Lamar Ave – Destination on the Right	0.7 mi

WICHITA, KS – CHECKPOINT



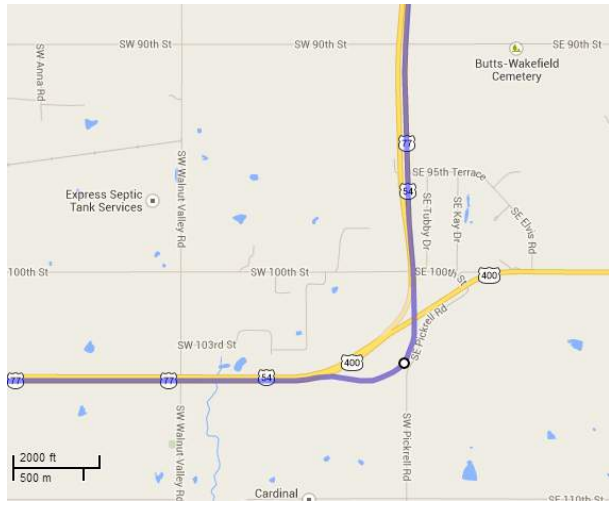
WICHITA, KS – OVERLAND PARK, KS



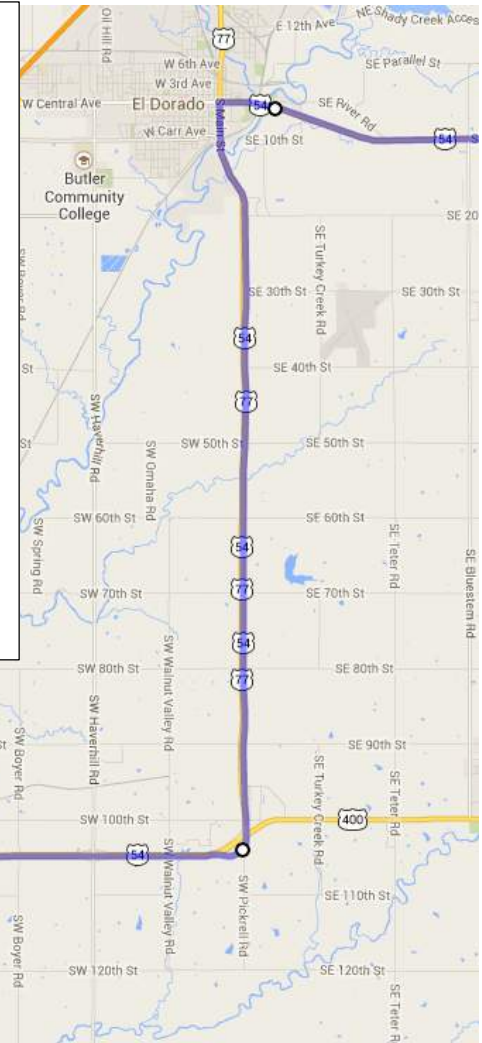
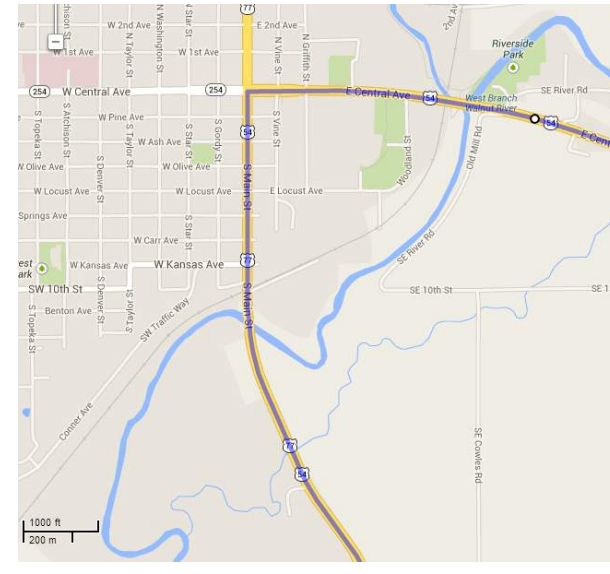
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
D 1	0.00		Turn right out of checkpoint area		1	40		
D 2	0.10	0.10	Continue straight out of the gate onto George Washington		1	40		
D 3	0.60	0.50	Turn left at the stop sign to continue on George Washington Blvd					
D 4	0.80	0.20	The right at the SL for Oliver St under the overpass		2	40		
D 5	1.30	0.50	Turn right at the SL for Pawnee		2	40	curb	
D 6	1.80	0.50		Road curves to the left				
D 7	2.10	0.30		SL for Cessna on the right				
D 8	2.40	0.30		SL for Woodlawn	2	45	p, n	
D 9	3.40	1.00	Merge left, right lane ends after the next light	SL for Rock Rd		40	curb	
D 10	4.60	1.20		SL for Webb Rd	1	45	grass, narrow	
D 11	5.60	1.00	Turn left at the stop sign for Greenwich		1	40		
D 12	6.60	1.00		SL for Harry St	2	40	curb	
D 13	7.10	0.50		SL for Lincoln				
D 14	7.40	0.30		SL for Walmart and Lowes on right				Walmart, Lowes
D 15	7.60	0.20	Turn right at SL for Kellogg		2	45	p,w	food
D 16	8.10	0.50		SL for Zelta		60		food
D 17	10.50	2.40		SL for 159th, St. Andover City Limit				

WICHITA, KS – OVERLAND PARK, KS

Steps D27 – D28

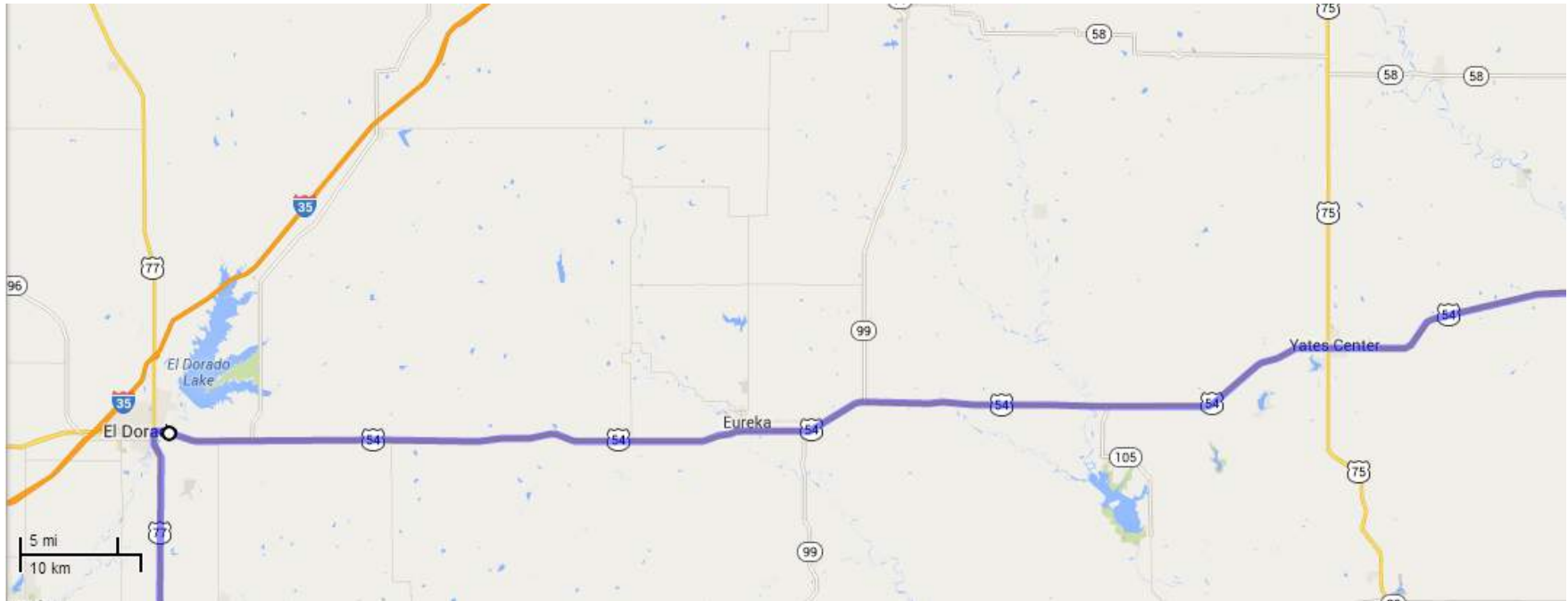


Steps D29 – D33



Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
D 18	11.60	1.10		SL for Andover Rd		55		gas
D 19	12.00	0.40		SL for Yorktown				
D 20	12.90	0.90			2	65	p	
D 21	19.10	6.20				50		
D 22	19.50	0.40		Entering Augusta	2	30	curb	full services
D 23	19.70	0.20		SL for Lulu St				
D 24	20.10	0.40		SL for Cliff/Walnut				
D 25	20.40	0.30		SL for Osage		45		
D 26	20.90	0.50			2	65	p,w	
D 27	27.40	6.50	Exit right to follow US-54 East towards El Dorado		2	65	p,w	
D 28	36.30	8.90	Merge left, right lane ends		1	50	p	
D 29	37.00	0.70		Entering El Dorado		30	curb	
D 30	37.60	0.60				25		
D 31	37.90	0.30	Turn right at SL for Central Ave, following signs for US-54 East		2	25		
D 32	38.00	0.10		SL for Vine St				
D 33	38.10	0.10	Merge left, right lane ends		1	40		gas
D 34	38.50	0.40			1	60	gravel	

WICHITA, KS – OVERLAND PARK, KS

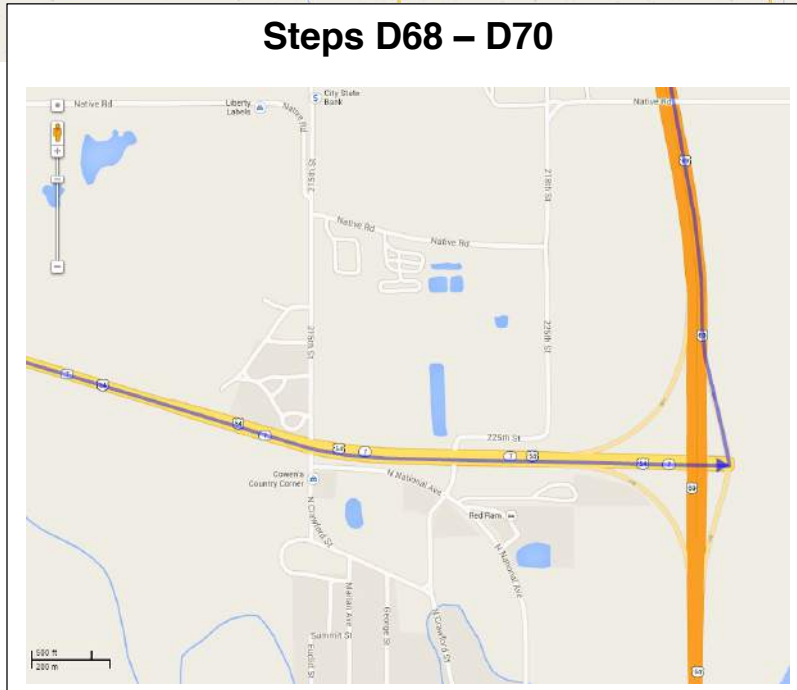


Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
D 35	41.50	3.00				65		
D 36	43.00	1.50		Junction KS-177				
D 37	48.40	5.40		Picnic grounds on left				
D 38	54.90	6.50		Hill on right				
D 39	68.40	13.50		Entering Eureka	2	30	curb	Hospital
D 40	68.70	0.30		SL for Main St				gas, food, hotels
D 41	70.30	1.60			1	65	gravel	
D 42	71.90	1.60		Junction KS-99 South				
D 43	75.40	3.50		Junction KS-99 North				
D 44	85.90	10.50		Rest area on right				
D 45	88.10	2.20		Junction KS-105				gas
D 46	100.10	12.00				55		
D 47	100.50	0.40		Entering Yates Center	2	35	curb	
D 48	100.60	0.10		Stop sign for Junction with US-75				gas, auto parts
D 49	101.40	0.80	Merge left, right lane ends		1	55		
D 50	101.60	0.20				65	gravel	
D 51	104.70	3.10		Owl Creek				

WICHITA, KS – OVERLAND PARK, KS



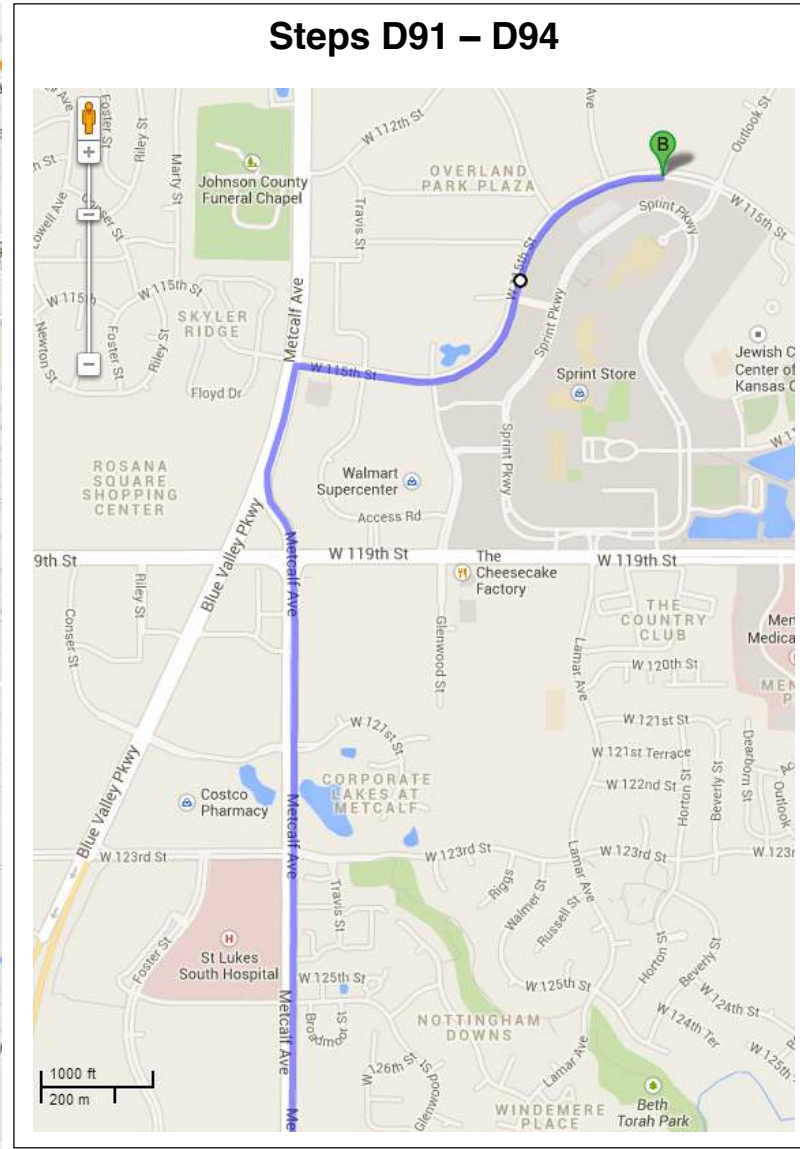
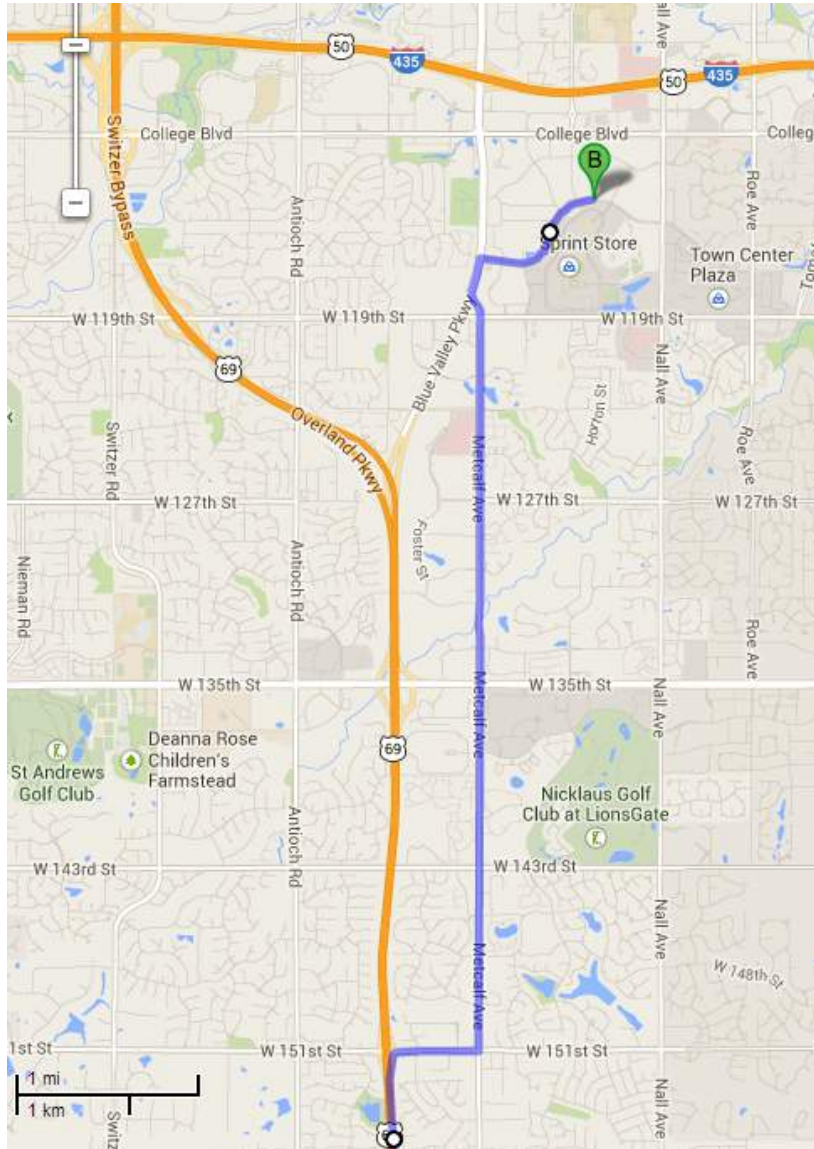
Steps D68 – D70



Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
D 52	119.30	14.60		Entering Iola		35	curb	gas, food
D 53	119.60	0.30		SL for State		25		
D 54	119.90	0.30		SL for Jefferson				
D 55	120.10	0.20		SL for Buckeye St				
D 56	120.30	0.20	Curve left to follow US-54, followed by a right bend			35		
D 57	120.60	0.30		SL for Kentucky St				Hospital
D 58	121.20	0.60		Pass under US-169	2	55	curb	gas
D 59	122.70	1.50		Entering Gas	1	45	gravel	
D 60	125.00	2.30		Add second lane after road work	2	55		
D 61	126.10	1.10	Merge left, right lane ends		1	65	gravel	
D 62	132.40	6.30		Entering Moran		45		gas
D 63	133.10	0.70				65		
D 64	138.40	5.30		Entering Bronson		40		
D 65	139.00	0.60				65	p/grass, narrow	
D 66	144.40	5.40		Junction with KS-3				
D 67	156.00	11.60		Junction with KS-7				
D 68	158.90	2.90	Get in left lane to follow US-69 North towards Kansas City		2	55		gas

Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
D 69	159.80	0.90	Sharp left after the underpass					
D 70	160.10	0.30		Merge left onto US-69 North	2	75	p,w	
D 71	165.20	5.10		Soldier Rd Exit				
D 72	174.40	9.20		KS-239/300th Road Exit				gas
D 73	179.90	5.50		KS-52 West Exit for Mound City				
D 74	182.70	2.80		E 1100 Rd Exit for Pleasanton				
D 75	188.90	6.20		KS-52 East Exit and rest area				
D 76	198.60	9.70		399th St Exit				
D 77	206.90	8.30		335th St Exit for Rutlader Wildlife Area				
D 78	214.10	7.20		KS-68 Exit for Louisburg and Ottawa				gas, food, hotels
D 79	221.40	7.30		223rd St Exit				
D 80	230.20	8.80				65		
D 81	230.50	0.30	Exit right at 151st St					
D 82	230.70	0.20	Turn right at the SL at the bottom of the exit onto 151st St		2	45	curb	food gas
D 83	231.10	0.40	Turn left at the SL for Metcalf Ave		2	35	curb	
D 84	231.70	0.60		SL for 147th St/Edgewater Dr		45		
D 85	232.10	0.40		SL for 143rd St				

WICHITA, KS – OVERLAND PARK, KS



Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
D 86	232.60	0.50		SL for 139th St				
D 87	233.10	0.50		SL for 135th St	2	45		food, gas, mall on right
D 88	233.60	0.50		SL for 132nd St				
D 89	234.10	0.50		SL for 127th St				
D 90	235.20	1.10	Right lane ends after light	SL for 119th St				
D 91	235.30	0.10	Stay in right lane after merging left to prepare right turn at the next light					
D 92	235.50	0.20	Turn right on 115th St		2	35		Walmart
D 93	235.70	0.20		SL for Glenwood Ave				
D 94	236.20	0.50	Turn left into Black & Veatch, following ASC signs and flagger	Left turn lane	2	35		

OVERLAND PARK, KS – STAGE STOP



Overland Park, KS Stage Stop Arrival – Thu, July 24

STAGE 3

2014 AMERICAN SOLAR CHALLENGE

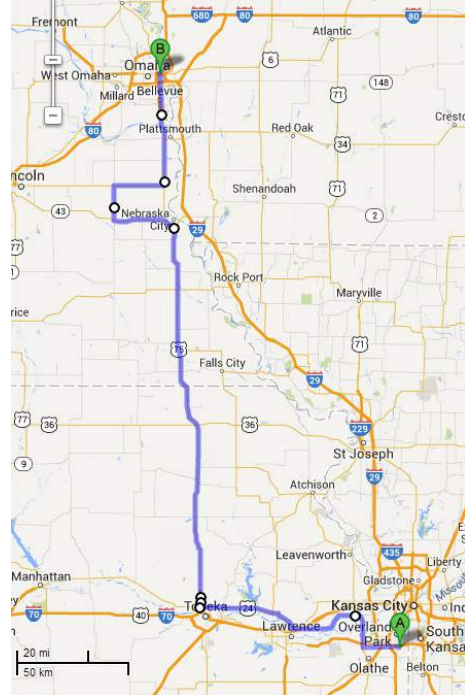
**Overland Park, KS – Omaha, NE
July 25**

Overland Park, KS – Omaha, NE

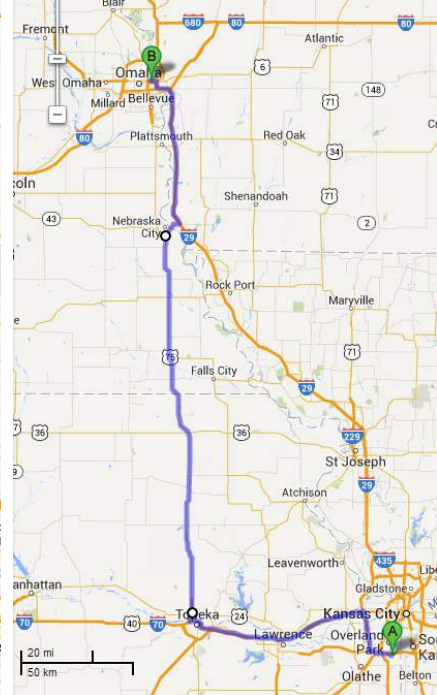
START: Black & Veatch, 11401 Lamar Ave, Overland Park, KS 66211
 END: 1471 Mike Fahey St, Omaha, NE 68102



SOLAR CAR ROUTE



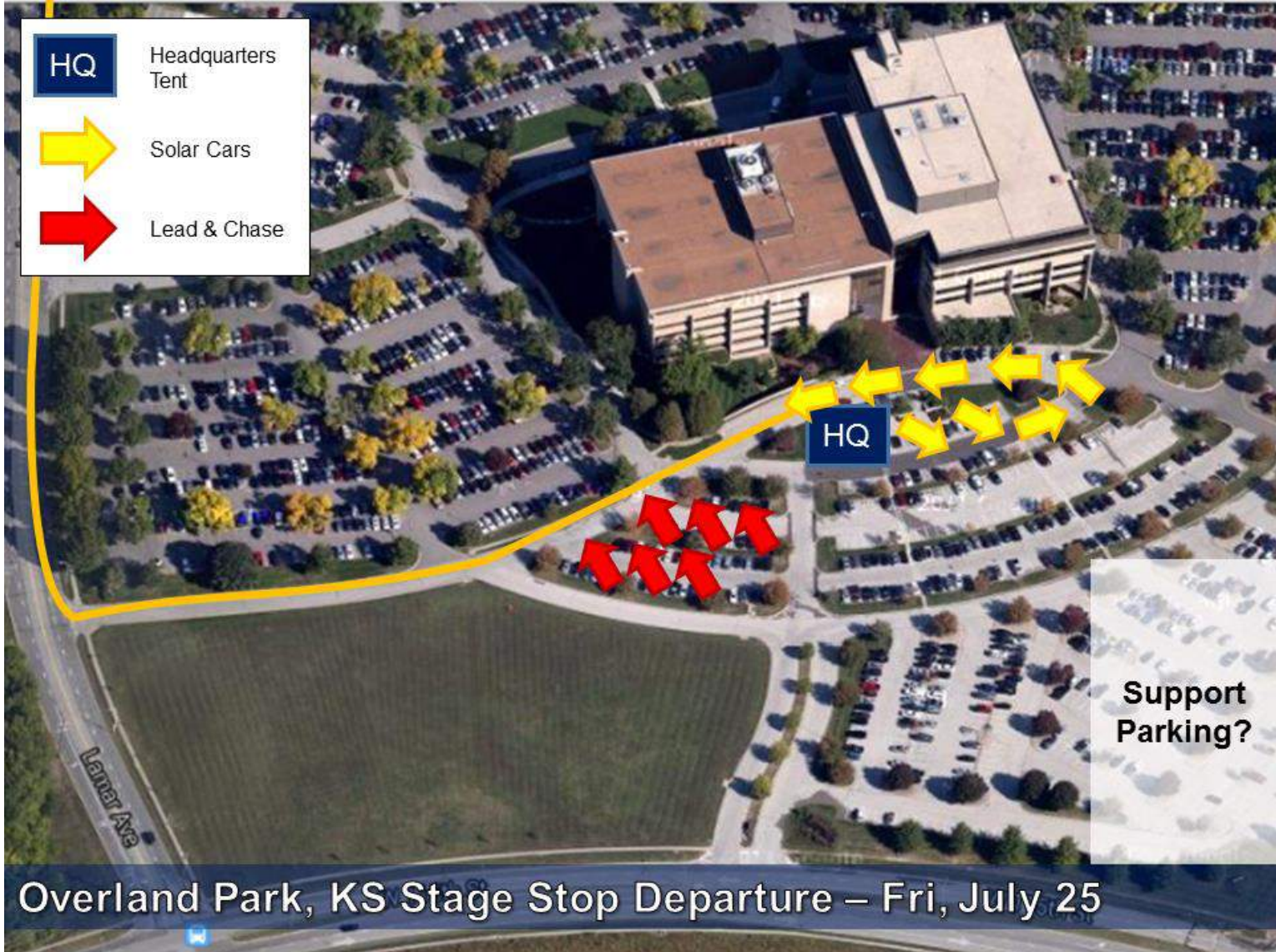
SUPPORT VEHICLE ROUTE



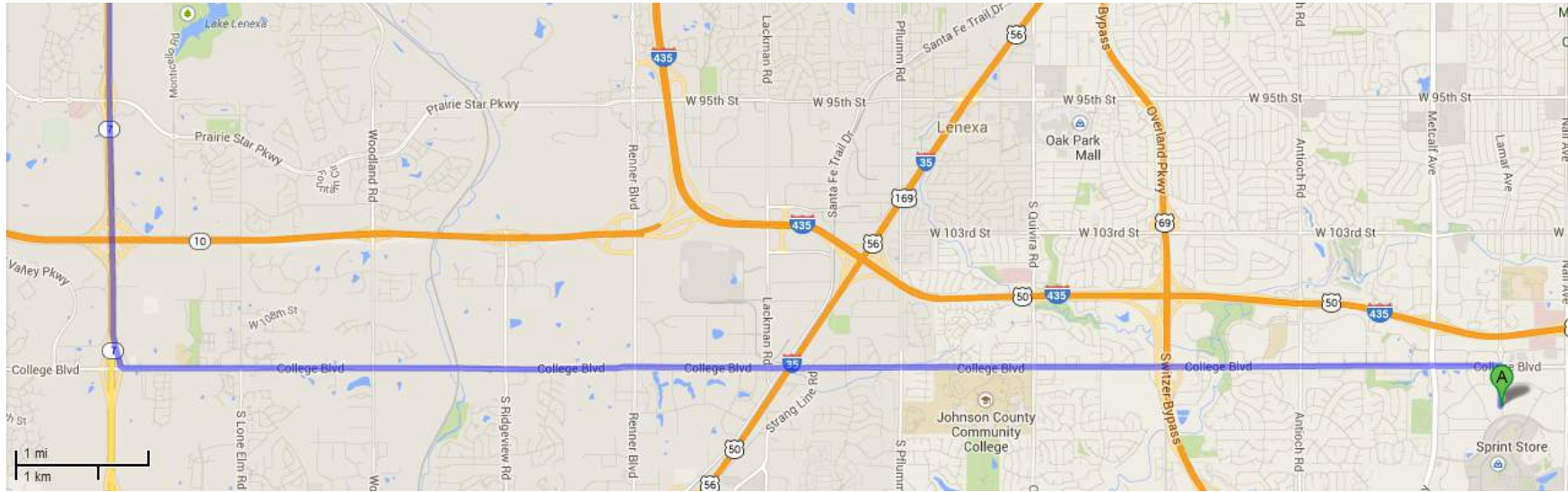
SUPPORT VEHICLE ROUTE DIRECTIONS

1.	Head north on Lamar Ave toward W 112th St	
2.	Take the 2nd left onto College Blvd	0.3 mi
3.	Turn right onto Metcalf Ave	0.5 mi
4.	Turn left to merge onto I-435 W/US-50 W toward US-169 S Continue to follow I-435 W	0.4 mi
5.	Take exit 12B to merge onto I-70 W toward Topeka (Toll Road)	17.4 mi
6.	Keep right to stay on I-70 W, follow signs for Interstate 70 W/U.S. 40 W/Kansas 4 W/Topeka/Salina	44.2 mi
7.	Take exit 358A to merge onto US-75 N	9.3 mi
8.	Turn right onto NE-2 E/J Sterling Morton Beltway Continue to follow NE-2 E	113 mi
9.	Turn left to merge onto I-29 N	5.2 mi
10.	Keep right to stay on I-29 N, follow signs for Interstate 29 N/Sioux City	41.5 mi
11.	Take the exit on the left onto I-480 W/US-6 W toward Omaha Continue to follow I-480 W	2.1 mi
12.	Take exit 3 for 14th St toward Old Market District/Creighton Univ.	1.4 mi
13.	Merge onto Cass St	0.2 mi
14.	Turn right onto N 15th St	292 ft
15.	Turn right into the parking lot	0.2 mi

OVERLAND PARK, KS – STAGE START



OVERLAND PARK, KS – OMAHA, NE



Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
E 1	0.00		Turn right at the stop sign onto Lamar		2	35		
E 2	0.20	0.20	Turn left at the SL for College Blvd		3	45	curb	
E 3	0.70	0.50		SL for Metcalf				
E 4	1.70	1.00		SL for Antioch Rd				gas
E 5	2.50	0.80	Must be in left two lanes - right lanes exit onto interstate!	SL for Mastin				
E 6	2.60	0.10	Continue straight on College Blvd	SL at exit for US-69 North and interstate access				
E 7	3.10	0.50		SL for Nieman Rd	3	45		
E 8	4.30	1.20		SL for Westgate Rd				
E 9	4.70	0.40		SL for Pflumm Rd	2	45	curb	gas, food
E 10	5.40	0.70		SL for Strang Line Rd				
E 11	6.70	1.30		SL Renner Blvd, Right lane ends after light	1	45	no shoulder	
E 12	7.70	1.00		SL Ridgeview Rd	2	45	curb	
E 13	8.70	1.00		SL for Woodland Rd, Left lane ends after light	1	40		
E 14	9.70	1.00		SL for Lone Elm Rd	2	45		food
E 15	10.60	0.90	Turn right onto the onramp for KS-7 North	Do NOT turn right onto Monticello Terrace immediately before the KS-7 entrance	2	65	p,w	
E 16	11.50	0.90		Junction with KS-10, Lenexa city limits				
E 17	14.00	2.50		Exit for 83rd St, Shawnee city limits				gas, food

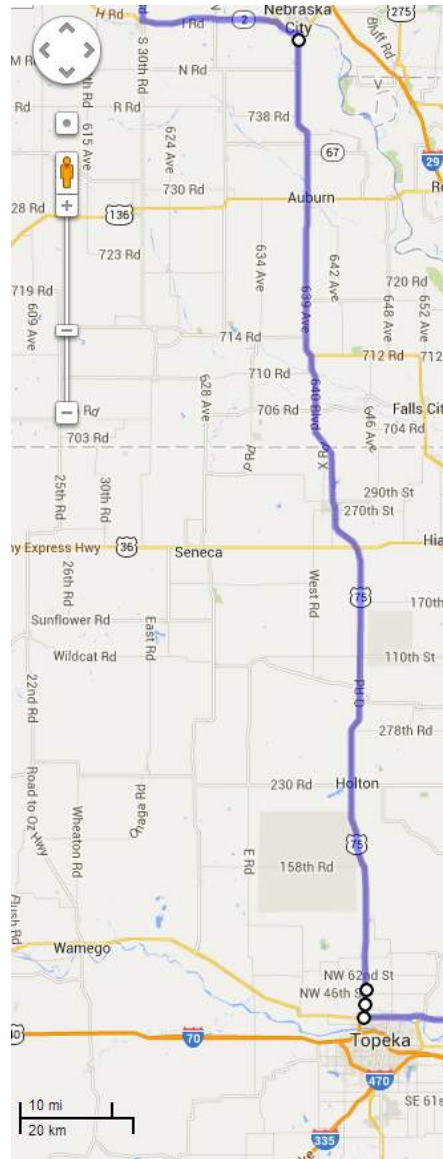
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
E 18	14.80	0.80				60		
E 19	18.70	3.90		SL for 47th St				
E 20	20.30	1.60	Take exit on right for KS-32/Kaw Drive/Front St	Immediately after the bridge over the Kansas River				
E 21	20.50	0.20	Turn right at the stop sign at the bottom of the exit to follow KS-32 West		2	35	curb	
E 22	20.70	0.20		SL for KS-7 south		30		gas
E 23	21.10	0.40	Turn right at SL for Cedar St/KS-32		1	20		
E 24	21.40	0.30		SL for Nettleton Ave				
E 25	21.60	0.20				30		
E 26	22.10	0.50		138th St and school on right		45	no shoulder	
E 27	22.70	0.60				55		
E 28	26.30	3.60	Continue to follow KS-32	KS-32 curves to the left		65	paved/grass	
E 29	31.40	5.10		Entering Linwood		60		gas
E 30	32.00	0.60				65		
E 31	39.30	7.30		Pass over interstate - rumble strips soon after				
E 32	40.00	0.70	Turn left at stop sign onto US-24 West	Caution: cross traffic does not stop!	1	65	grass	
E 33	40.80	0.80		Lawrence Municipal Airfield on right		55		
E 34	42.40	1.60	Turn right before SL to follow US-24 West		1	45		

OVERLAND PARK, KS – OMAHA, NE



Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
E 35	42.80	0.40				55	narrow p/grass	
E 36	44.40	1.60		S-bend in highway		45		
E 37	44.80	0.40				55		
E 38	47.40	2.60		Gain wide paved shoulder for next half mile				
E 39	50.90	3.50				65		
E 40	53.00	2.10		Entering Perry		55		
E 41	54.00	1.00		SL for Cedar St/Ferguson Rd				gas
E 42	54.40	0.40				65	gravel	
E 43	58.00	3.60		Begin divided highway	2	70	gravel	
E 44	65.20	7.20		Junction with KS-4 East towards Valley Falls				
E 45	66.70	1.50		Entering Topeka city limits	2	65	p,w	
E 46	67.60	0.90				55		
E 47	68.70	1.10		SL for N Kansas Ave		45		auto parts
E 48	69.50	0.80		SL for Tyler St/Rochester Rd		45		hotel, food Walmart
E 49	69.70	0.20				60		
E 50	72.10	2.40	Exit right for US-75 North for Holton	Immediately after first overpass				
E 51	72.60	0.50	Merge left onto US-75		2	70	p,w	

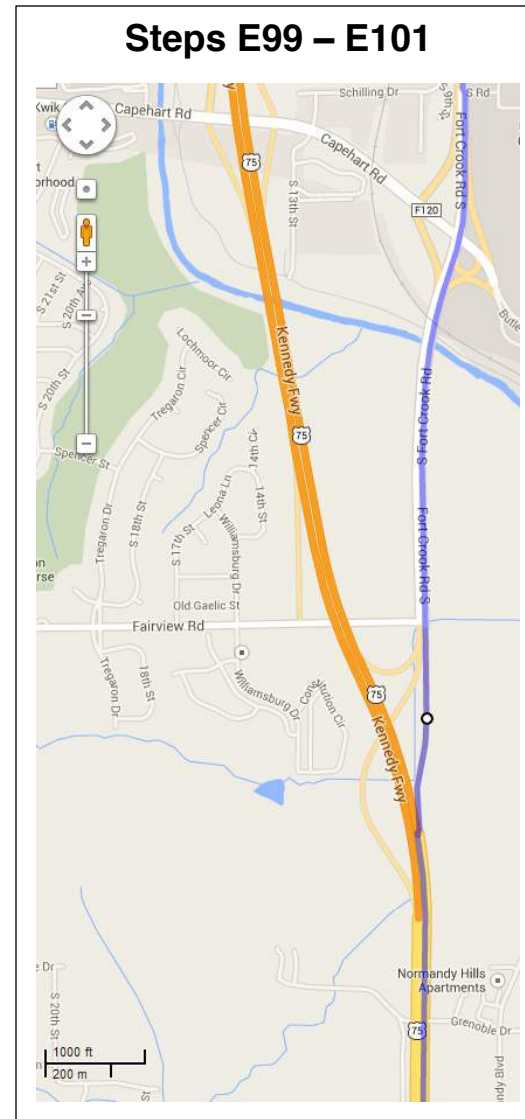
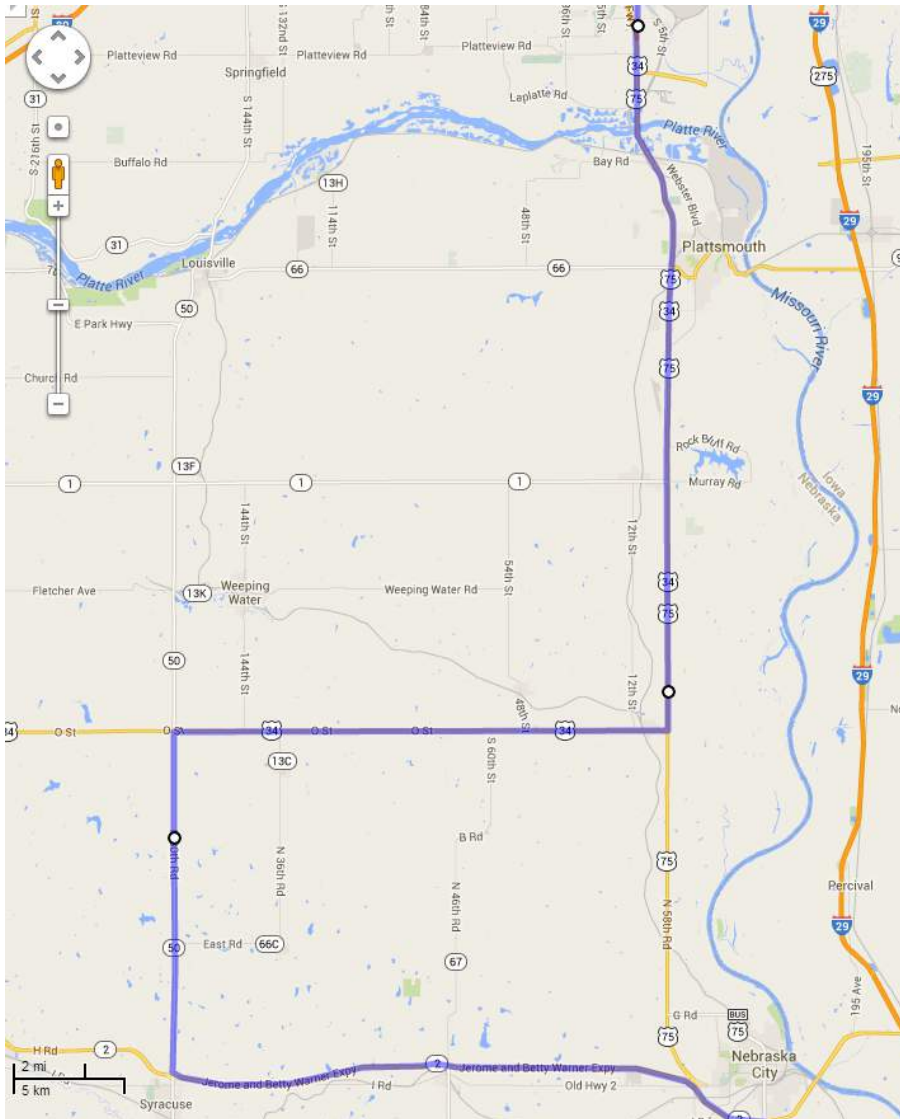
OVERLAND PARK, KS – OMAHA, NE



Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
E 52	82.90	10.30		Junction KS-214/110th Rd, access to Hoyt to the east				
E 53	91.40	8.50		Entering Potawatomi Indian Reservation				
E 54	97.80	6.40		Entering Holton		35	curb	full services
E 55	98.20	0.40	Shift to left lane, right lane ends ahead	SL Junction KS-16/Fourth St				
E 56	98.70	0.50	Merge left, right lane ends		1	65	p,w	Hospital
E 57	109.10	10.40		Junction KS-9				
E 58	112.30	3.20		Kickapoo Truck Plaza on right (appears to be closed)				
E 59	115.10	2.80		Sac & Fox Casino on right				gas
E 60	124.60	9.50		Junction US-36 with access to Fairview				
E 61	129.80	5.20		Exit for access to Sabetha via Main Street				
E 62	137.30	7.50	Shoulder narrows	Entering Nebraska. Welcome to "... the good life"		60	p	
E 63	141.10	3.80		Flashing Yellow for junction with NE-8				
E 64	146.50	5.40		RR Tracks, Entering Dawson	1	35	curb	
E 65	146.80	0.30				30	curb	
E 66	147.00	0.20				40		
E 67	147.30	0.30			1	60	p	
E 68	147.60	0.30	Keep left to follow US-75 N towards Omaha					

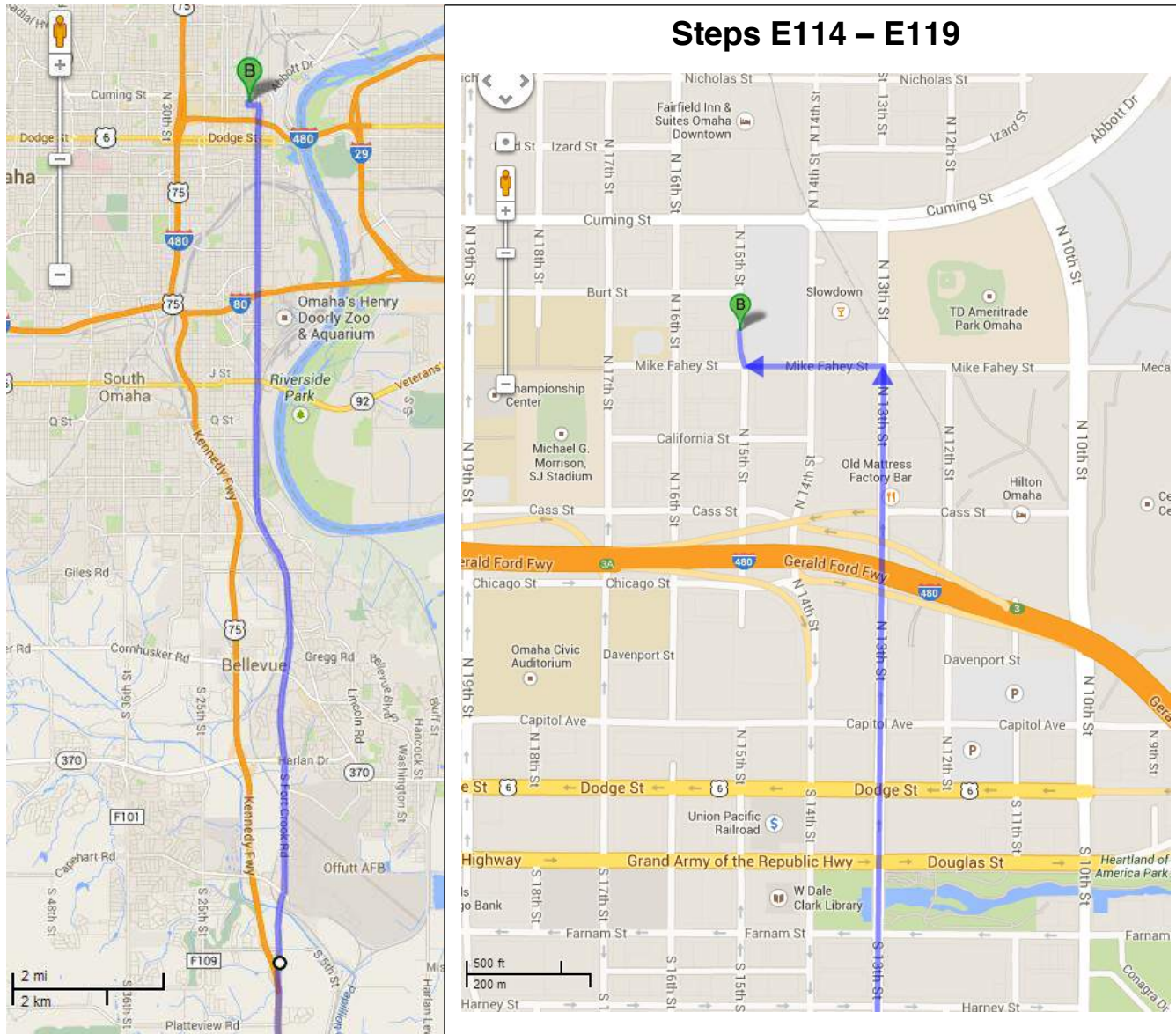
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
E 69	156.20	8.60		Muddy Creek				
E 70	164.00	7.80		Entering Auburn		45		
E 71	164.40	0.40		SL for 23rd St		40	curb	gas
E 72	164.60	0.20				30		
E 73	165.10	0.50		SL Junction US-136/Central Ave		25		Hospital
E 74	165.40	0.30			2	40		
E 75	166.00	0.60		Merge left, right lane ends ahead	1	60	p,w	
E 76	167.90	1.90		Passing lane for 3/4 mile	2			
E 77	171.20	3.30		Junction with NE-136 West	1			
E 78	179.60	8.40		Junction with NE-128	2	65	p	
E 79	183.10	3.50		Merge left, right lane ends	1	45		
E 80	183.60	0.50	Turn left at SL to follow US-75 North		2	55	p	gas
E 81	185.70	2.10	Continue straight on NE-2 West	Junction with US-75 N/NE-2 Business	2	55	p	
E 82	188.40	2.70		Weigh station on left				
E 83	193.20	4.80		Junction with NE-67				
E 84	197.50	4.30				65		
E 85	200.90	3.40	Exit onto NE-50 N towards Syracuse					gas, Hospital

OVERLAND PARK, KS – OMAHA, NE



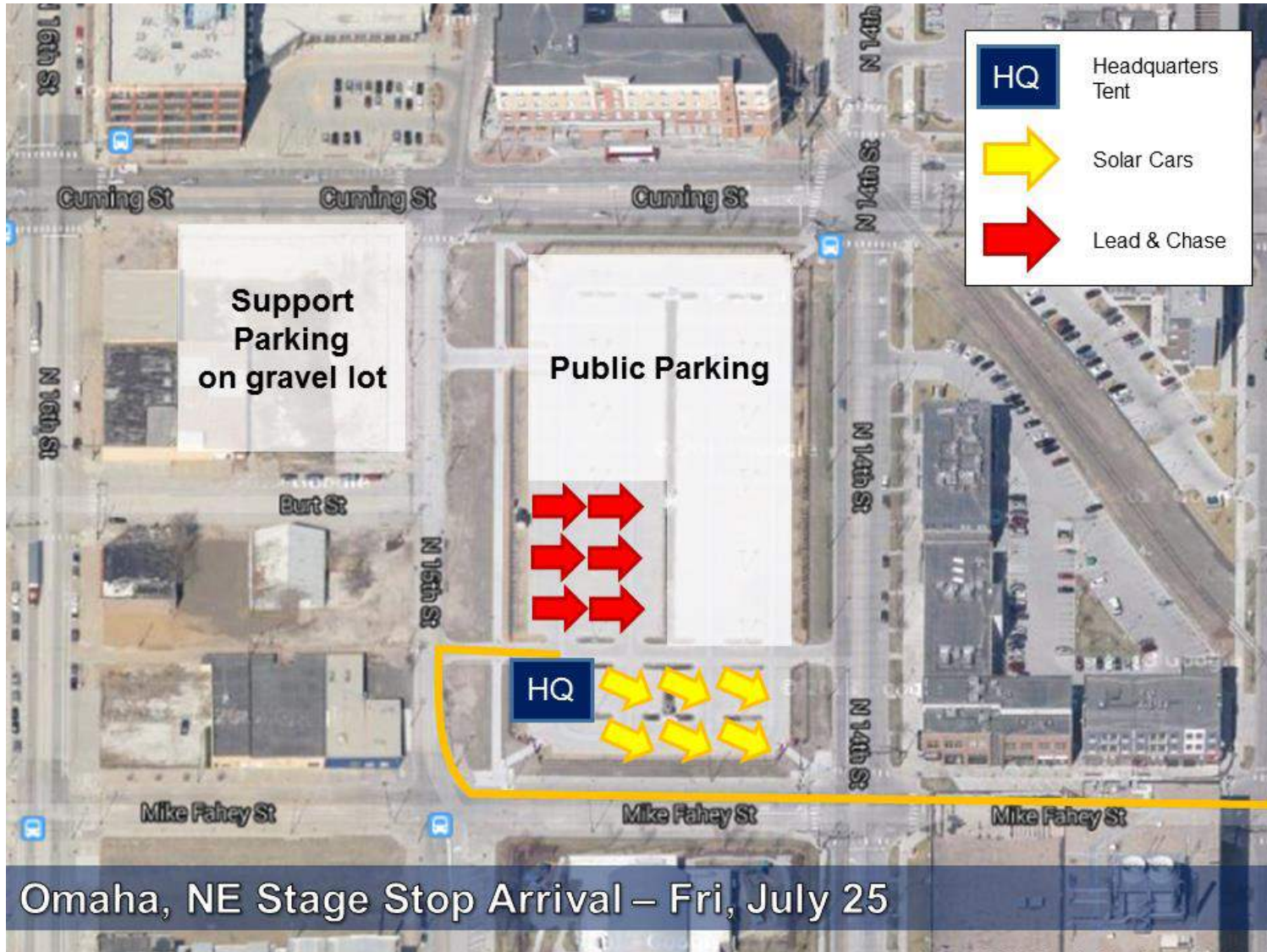
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
E 86	201.20	0.30	Turn right at stop sign onto NE-50 N		1	60	p	
E 87	210.90	9.70	Turn right at stop sign onto US-34 E towards Plattsmouth	Rumble strips before stop sign; cross traffic does not stop		60	p	
E 88	219.90	9.00		Junction with NE-67				
E 89	224.00	4.10		Entering Union		45		
E 90	224.20	0.20		RR tracks - rough; use caution!		25		
E 91	224.90	0.70	Turn left onto US-75 N			60	p	
E 92	232.00	7.10		Junction with NE-1, access to Murray				
E 93	237.50	5.50				55		
E 94	238.10	0.60		SL for access to I-29				food
E 95	238.80	0.70		SL with Fastenal on right	2	50		
E 96	242.20	3.40		Cross the Platte River	2	55	p,w	
E 97	243.20	1.00		SL with Shell Gas Station on left				
E 98	244.30	1.10		SL for Normandy Blvd		65		
E 99	245.00	0.70	Exit right onto Fort Crook Rd	Minimum 40mph limit	2	45	p,w	
E 100	246.40	1.40		SL				
E 101	247.50	1.10		SL for entrance to Offutt Air Force base with B-52 and KC-135 on right				
E 102	247.90	0.40		SL and underpass, junction NE-370				

OVERLAND PARK, KS – OMAHA, NE



Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
E 103	248.40	0.50		SL for Victoria Ave				
E 104	251.00	2.60	Keep straight, following signs for 13th street	SL for Chandler Rd	2	40	curb	
E 105	252.80	1.80		SL Gibson Rd		40		
E 106	253.00	0.20		SL for Missouri Ave		35		
E 107	253.80	0.80		SL for Bert Murphy Ave		35		
E 108	254.20	0.40		I-80 interchange				
E 109	254.60	0.40		SL for Vinton St				food, gas
E 110	254.80	0.20		SL for Martha St				
E 111	255.60	0.80		SL for Pacific St				
E 112	255.80	0.20		SL for Leavenworth St				
E 113	256.00	0.20	Stay in the right lane	SL for Howard St	2	25	curb	
E 114	256.20	0.20		SL for Douglas	3			
E 115	256.40	0.20	Be in the right lane, both left lanes turn after the underpass ahead!	SL for Dodge				
E 116	256.70	0.30	Turn left at the SL for Mike Fahey St	SL for Cass St				
E 117	256.80	0.10		SL for 14th St				
E 118	256.90	0.10	Turn right at the stop sign for 15th St					
E 119	257.00	0.10	Turn right into the parking lot					

OMAHA, NE – STAGE STOP



STAGE 4

PART A

2014 AMERICAN SOLAR CHALLENGE

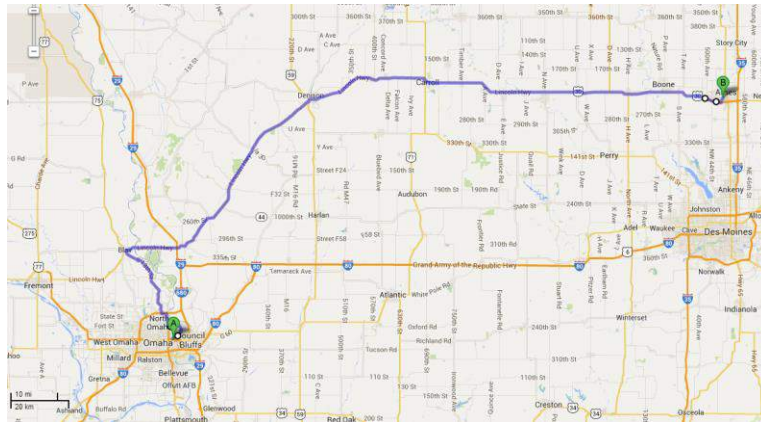
Omaha, NE – Ames, IA
July 26

OMAHA, NE – AMES, IA

START: 1471 Mike Fahey St, Omaha, NE 68102
 END: Jack Trice Stadium, Iowa State University
 1800 South 4th Street, Ames, IA 50011



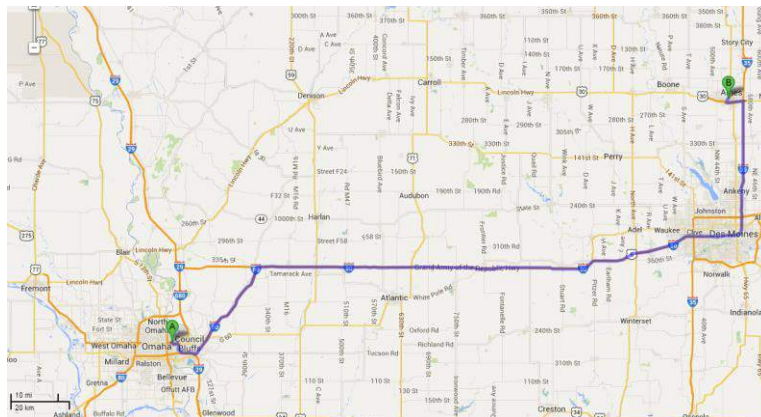
SOLAR CAR ROUTE



SUPPORT VEHICLE ROUTE DIRECTIONS

1.	Head south on N 14th St toward Mike Fahey St	
2.	Slight left onto the I-480 E ramp to I-29	0.2 mi
3.	Merge onto I-480	0.3 mi
4.	Take the Interstate 29 S exit toward Kansas City	0.8 mi
5.	Merge onto I-29 S	0.4 mi
6.	Continue onto I-80 E (signs for Des Moines)	4.7 mi
7.	Keep left to continue on I-235 E	119 mi
8.	Continue onto I-35 N	14.5 mi
9.	Take exit 111B to merge onto U.S. 30 W toward Ames/I-35 BUS W/Iowa State University	24.4 mi
10.	Take exit 146 toward Iowa State University	3.5 mi
11.	Take exit 146 toward Iowa State University	0.3 mi
12.	Turn left onto S 4th St	410 ft
13.	Turn right into the parking lot following ASC flaggers	102 ft

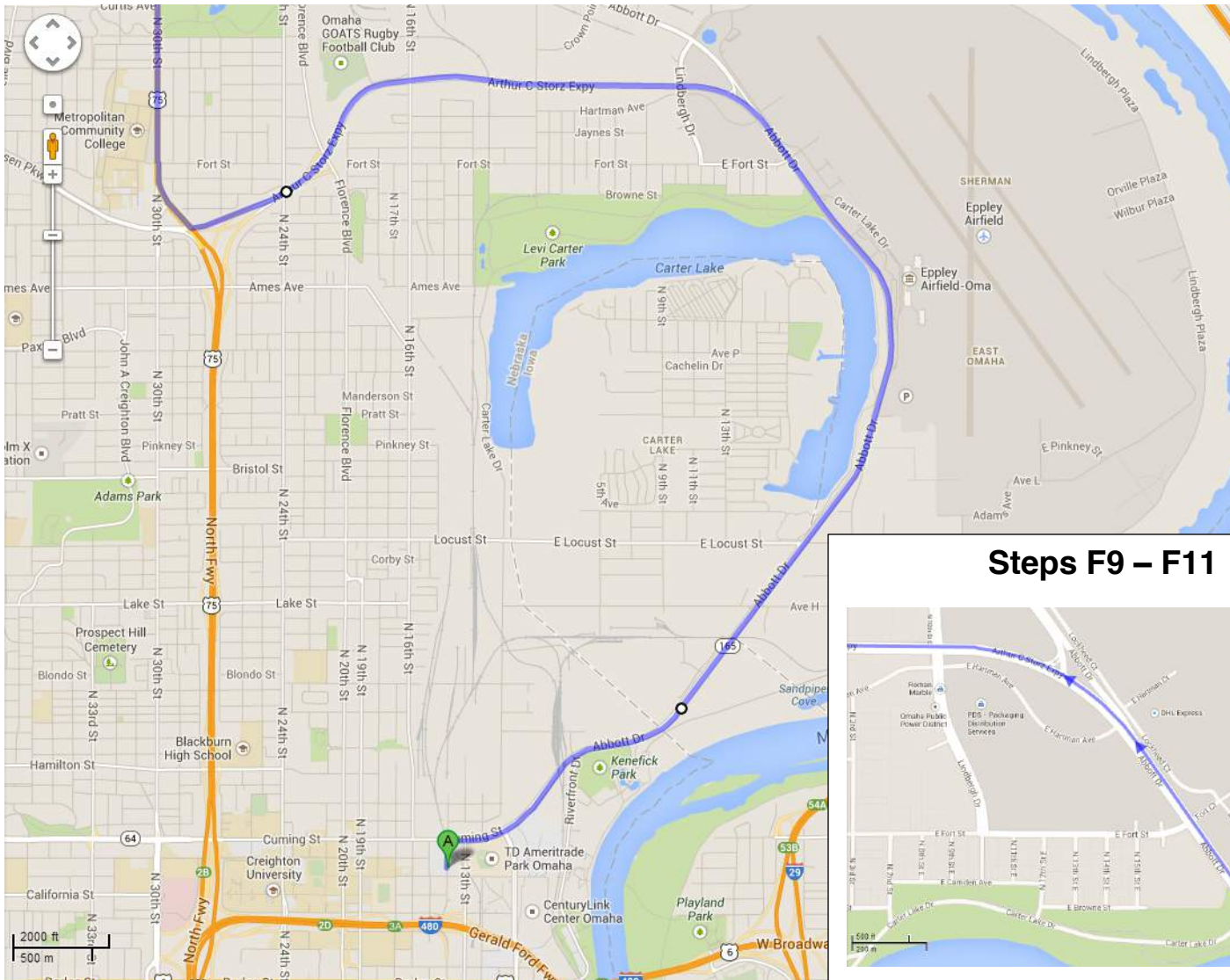
SUPPORT VEHICLE ROUTE



OMAHA, NE – STAGE START

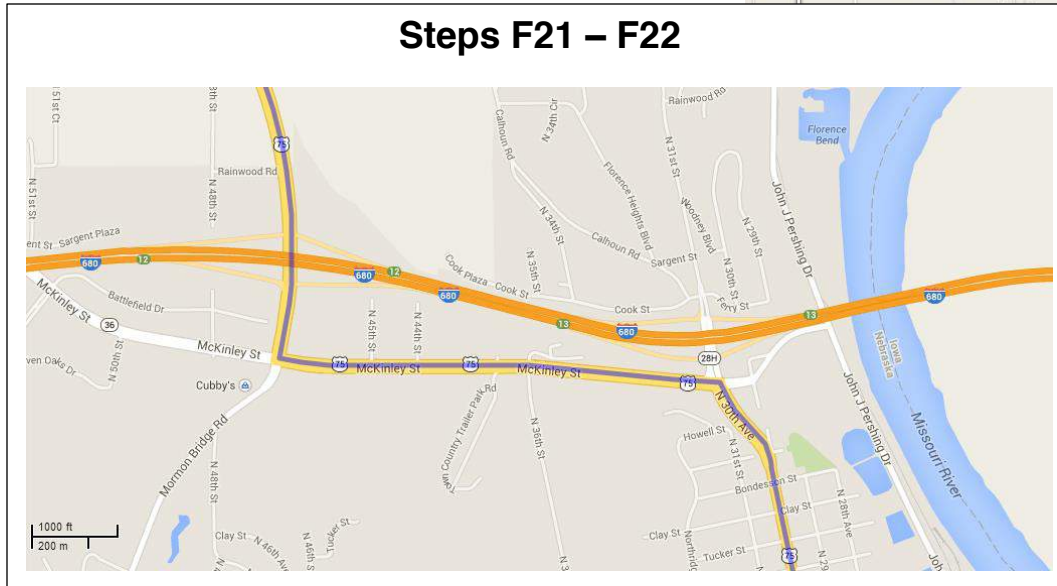
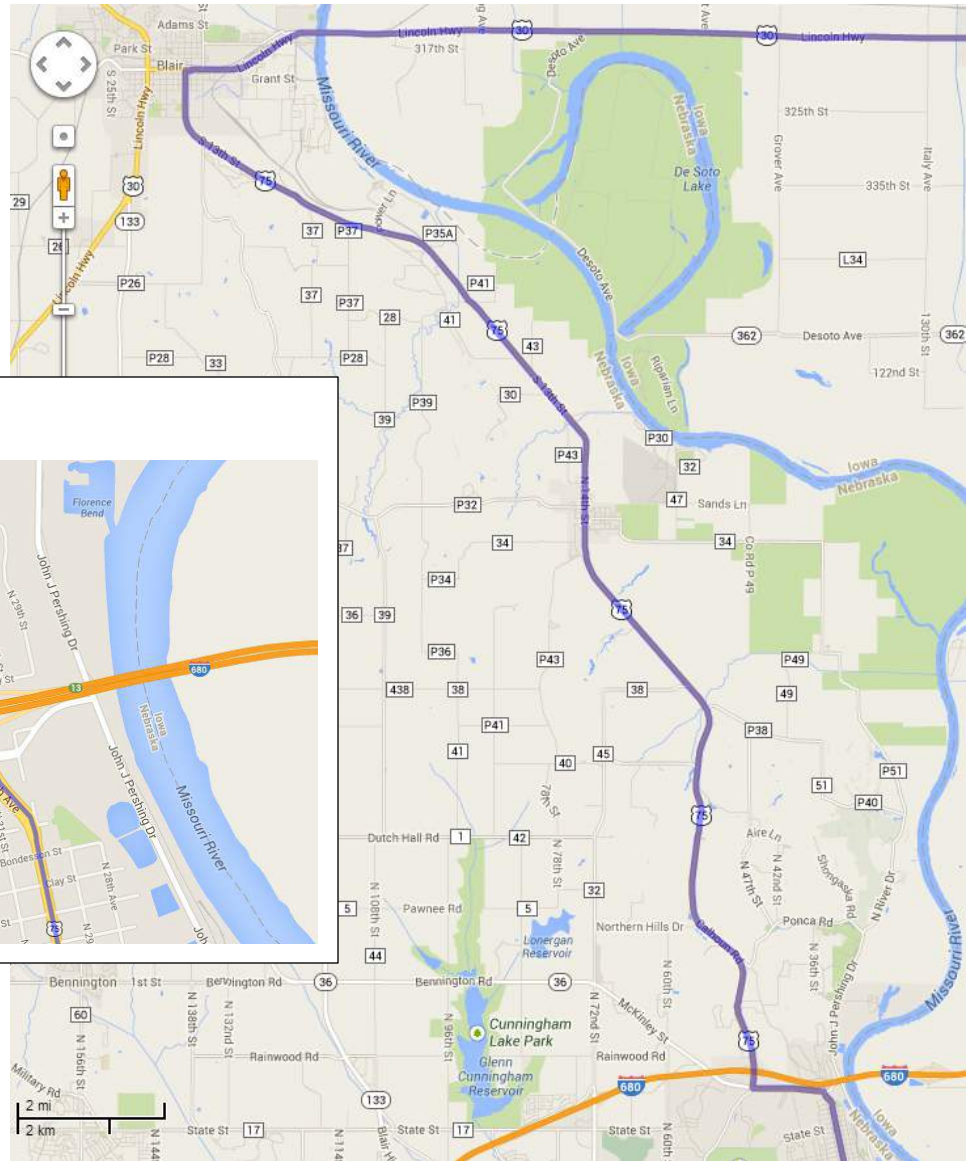


OMAHA, NE – AMES, IA



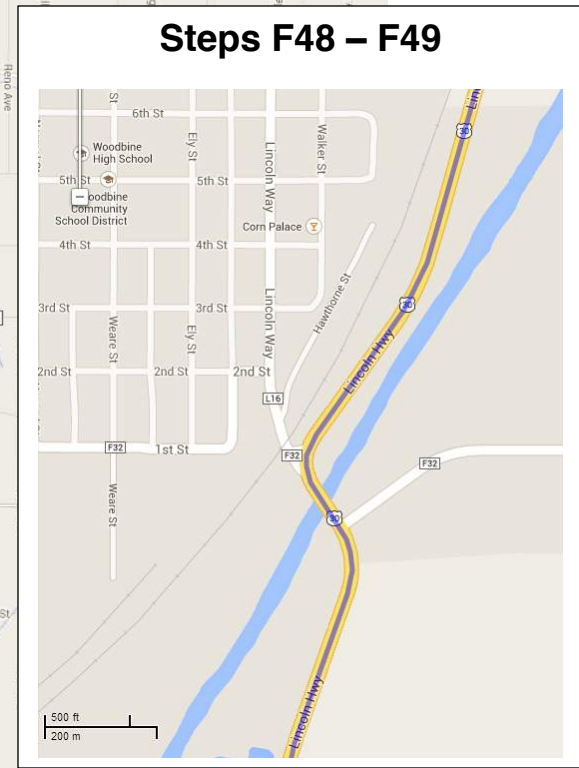
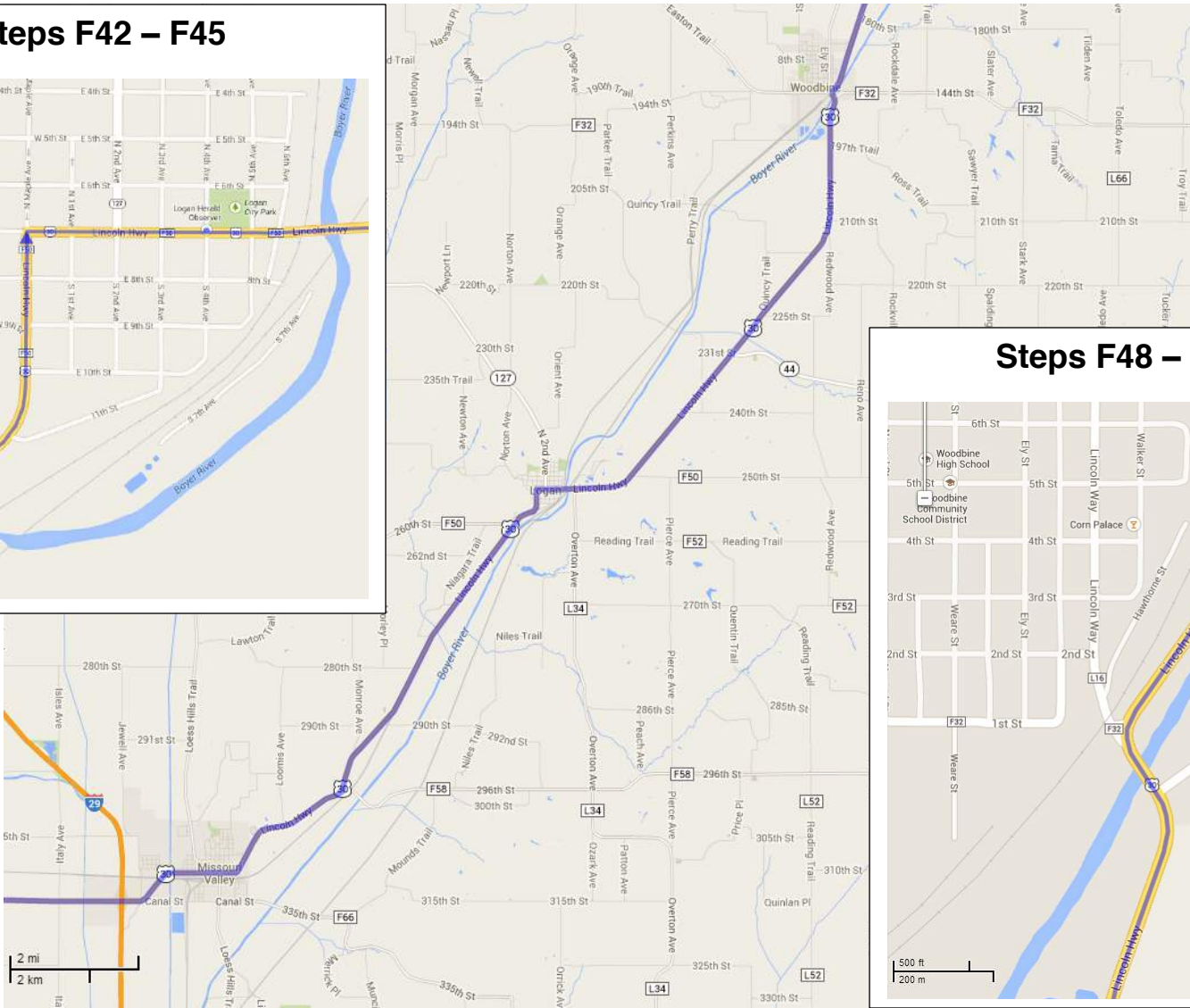
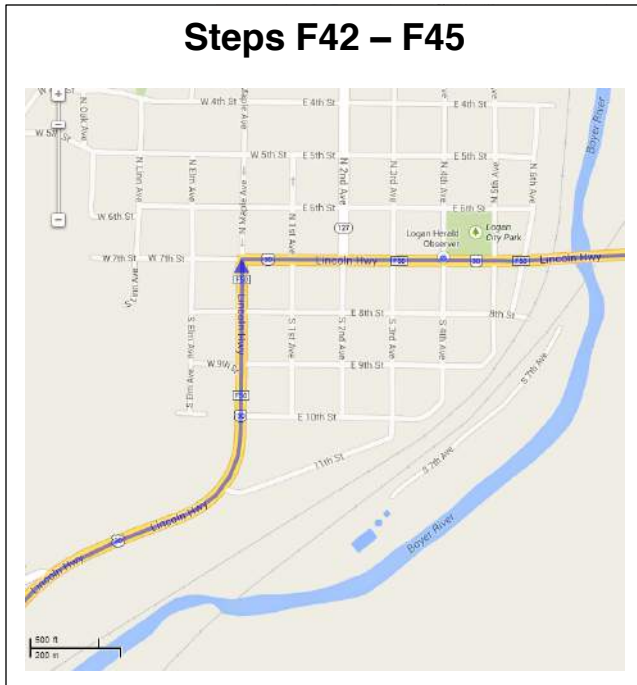
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
F 1	0.00		Turn left at the parking lot exit onto 14th Street			25		
F 2	0.10	0.10	Turn right at the SL for Cuming St		2		curb	
F 3	0.20	0.10		SL for 13th St				
F 4	0.70	0.50		SL for Riverfront Drive	2	35		
F 5	1.10	0.40		Welcome to Iowa		45		
F 6	1.60	0.50		RR Tracks, welcome back to Nebraska			p,w	
F 7	2.00	0.40		SL for Locust St				
F 8	2.50	0.50		Airport on right, Carter Lake on left		40	curb	
F 9	3.60	1.10		SL for Carter Blvd				
F 10	3.90	0.30	Keep left following signs to US-75/Storz Expressway		2	40		
F 11	4.30	0.40		SL for Lindbergh Drive		45	p,w	
F 12	5.40	1.10		SL for 16th St				
F 13	6.30	0.90	Continue straight to follow signs for US-75 North		2	35	p,w/curb	
F 14	6.50	0.20	Turn right at SL for US-75 North/N 30th St					
F 15	6.80	0.30		SL for Fort St			curb	food
F 16	7.20	0.40		SL for Laurel Ave				
F 17	7.60	0.40		SL for Redick Ave				

OMAHA, NE – AMES, IA



Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
F 18	8.10	0.50		SL for Martin Ave				gas
F 19	8.40	0.30		SL for Potter St				food
F 20	8.90	0.50		SL for State St		30		
F 21	9.40	0.50	Turn left at the SL for McKinley St and Dick Collins Rd to follow US-75 North		2	45	curb	
F 22	10.40	1.00	Turn right at the SL for 48th St to follow US-75 North towards Blair		2	60	p	gas
F 23	18.70	8.30		Entering Fort Calhoun		35		
F 24	19.20	0.50		SL for crosswalk		25		gas
F 25	19.40	0.20				35		
F 26	19.80	0.40			1	60		
F 27	27.10	7.30		Entering Blair	2	45	curb	
F 28	27.60	0.50				35		
F 29	28.20	0.60	Turn right at SL for Washington St to follow US 30 East		2	30	curb	
F 30	28.40	0.20		SL for Tenth St		40		gas, food
F 31	28.70	0.30		Merge left; right lane ends within half a mile	1	50		
F 32	29.80	1.10		RR Tracks		55		
F 33	30.20	0.40		Cross the Missouri River; welcome to Iowa (again)	1	55	gravel	
F 34	39.00	8.80		Entering Missouri Valley		45		

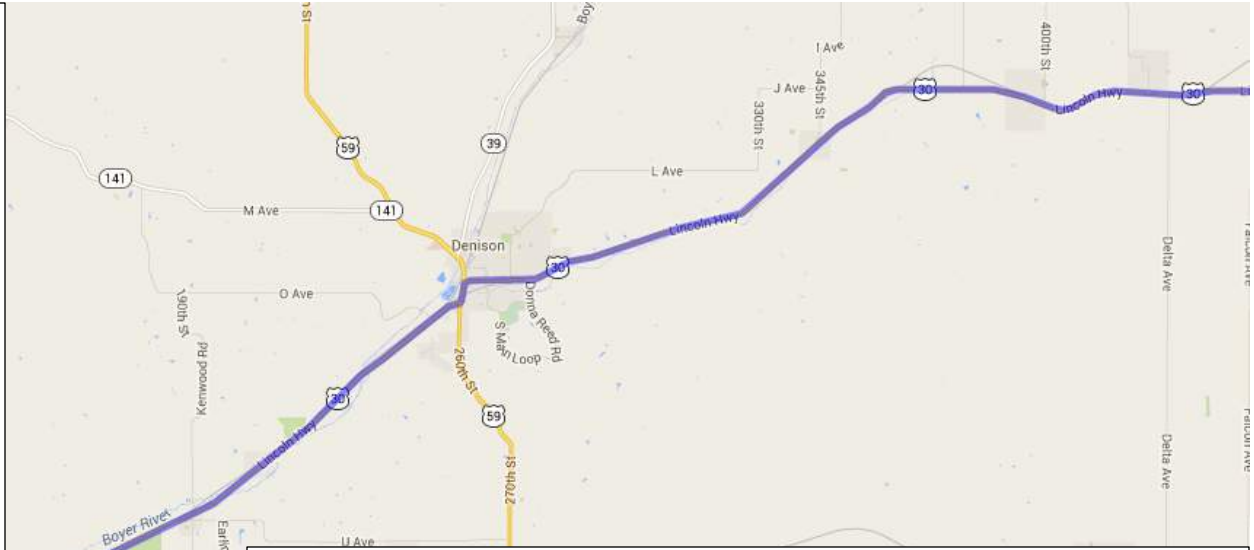
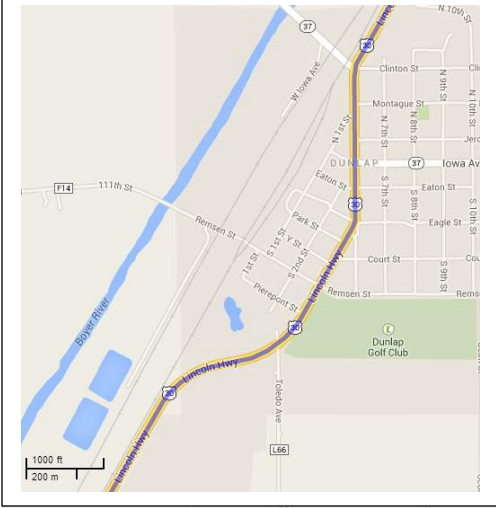
OMAHA, NE – AMES, IA



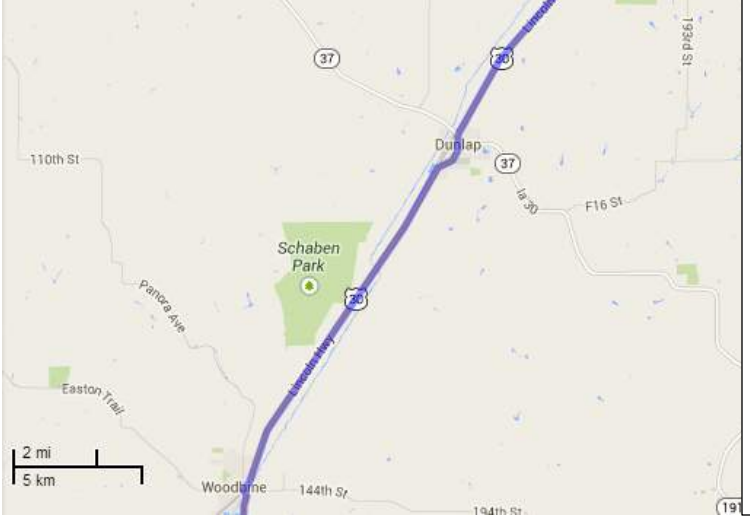
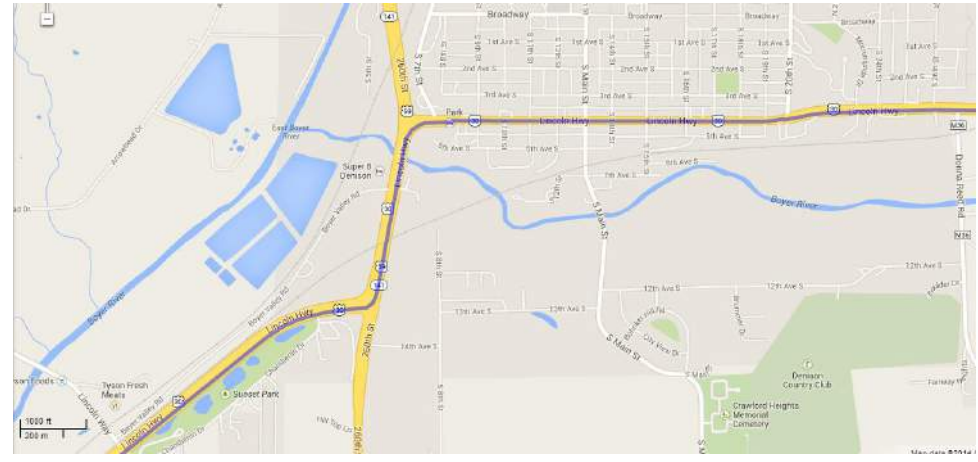
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
F 35	39.50	0.50		Junction with I-29	2			gas, food
F 36	39.90	0.40	Continue to follow US-30 East	Merge right, left lane ends	1	35		
F 37	40.90	1.00		SL for 1st St		25	curb	gas, food
F 38	41.10	0.20		SL for 4th St				
F 39	41.60	0.50		Road curves sharply to the left		35		Hospital
F 40	42.50	0.90		Oval barn on left		55	p/gravel	
F 41	44.90	2.40		Rest area on right				
F 42	48.70	3.80		Entering Logan	1	45		
F 43	49.10	0.40				35		
F 44	49.50	0.40	Turn right to follow US-30	Cenex on right, "do not enter" ahead	1	25		gas
F 45	49.70	0.20		SL for 2nd Avenue				
F 46	50.40	0.70				55	gravel, wide	
F 47	57.70	7.30				45		gas
F 48	58.10	0.40		Entering Woodbine		30		
F 49	58.20	0.10	Follow US-30 East; it curves sharply the right - do NOT go straight across the train tracks.			45		
F 50	58.60	0.40				55		
F 51	67.50	8.90		Entering Dunlap		45		

OMAHA, NE – AMES, IA

Steps F53 – F55: Dunlap

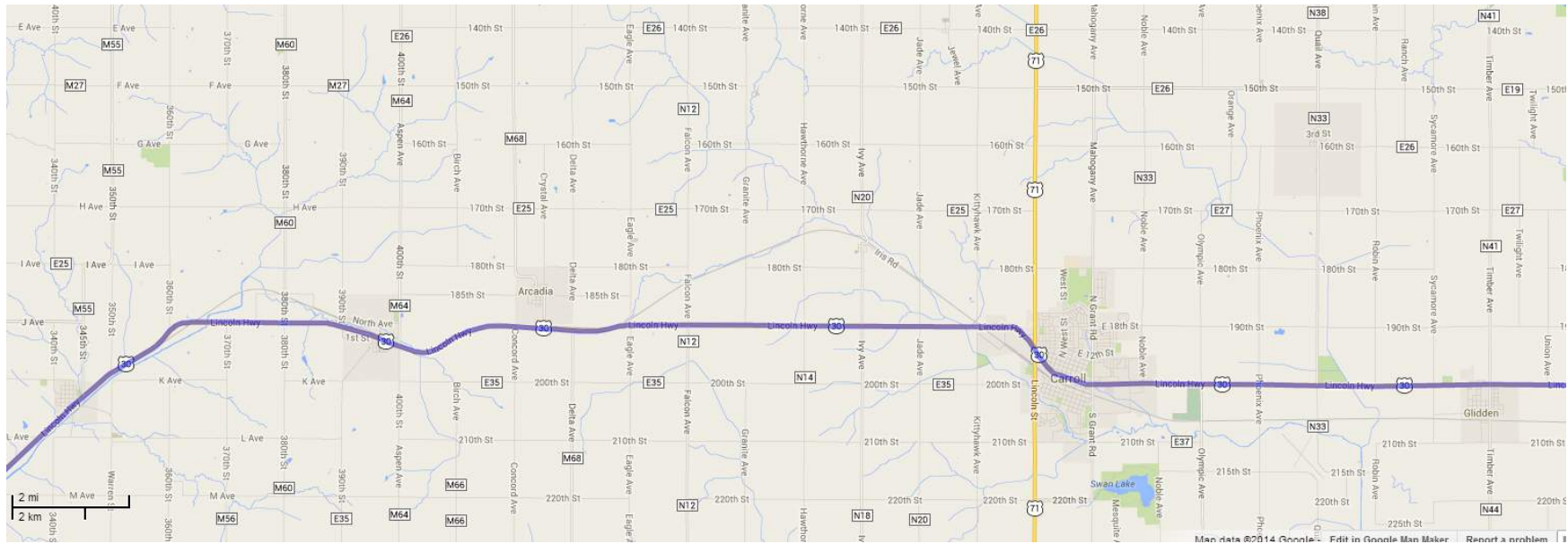


Steps F58 – F65: Denison



Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
F 52	67.70	0.20				35		
F 53	68.00	0.30				25		
F 54	68.60	0.60	Follow US-30 as it curves to the right - DO NOT cross the train tracks to the left	BP gas station on the right		45		gas
F 55	68.80	0.20			1	55	p,n	
F 56	75.90	7.10		Entering Dow City		35		gas
F 57	76.50	0.60				55	gravel	
F 58	82.30	5.80		Merge left to prepare for next turn	2	55	gravel	
F 59	83.60	1.30		Entering Denison				
F 60	84.70	1.10	Exit left to follow US-30 East	Get in right lane after turn	2	50		motel
F 61	85.10	0.40	Exit right to follow US-30 East towards Carroll		2	35	curb	gas
F 62	85.50	0.40		SL for S 11th St				
F 63	85.70	0.20		SL for S Main St				food
F 64	86.30	0.60		SL for 20th St, begin divided highway		45	gravel	
F 65	86.90	0.60				55		
F 66	88.00	1.10		Merge right, left lane ends	1	55	gravel	
F 67	94.30	6.30		Entering Vail		45		
F 68	94.50	0.20				35		

OMAHA, NE – AMES, IA



Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
F 69	94.90	0.40				55		
F 70	100.00	5.10		Entering Westside		45		
F 71	100.20	0.20				30	curb	gas
F 72	100.90	0.70				55	gravel	
F 73	110.00	9.10			2	55		
F 74	111.40	1.40		SL for Market St, Entering Carroll	2	45	curb	Walmart
F 75	112.20	0.80		SL for US-71				full services
F 76	112.50	0.30		SL for Quint Ave		35		
F 77	112.80	0.30		SL for West St		25		
F 78	112.90	0.10		SL for Main St				
F 79	113.10	0.20		SL for Clark St		35		gas, auto parts
F 80	113.40	0.30		SL for Grant Rd				food
F 81	113.70	0.30				45		
F 82	114.20	0.50		SL for Griffith Rd		55	curb	gas
F 83	115.40	1.20		Merge left, right lane ends	1		gravel	
F 84	119.90	4.50		Entering Glidden		45		gas
F 85	120.00	0.10				35		

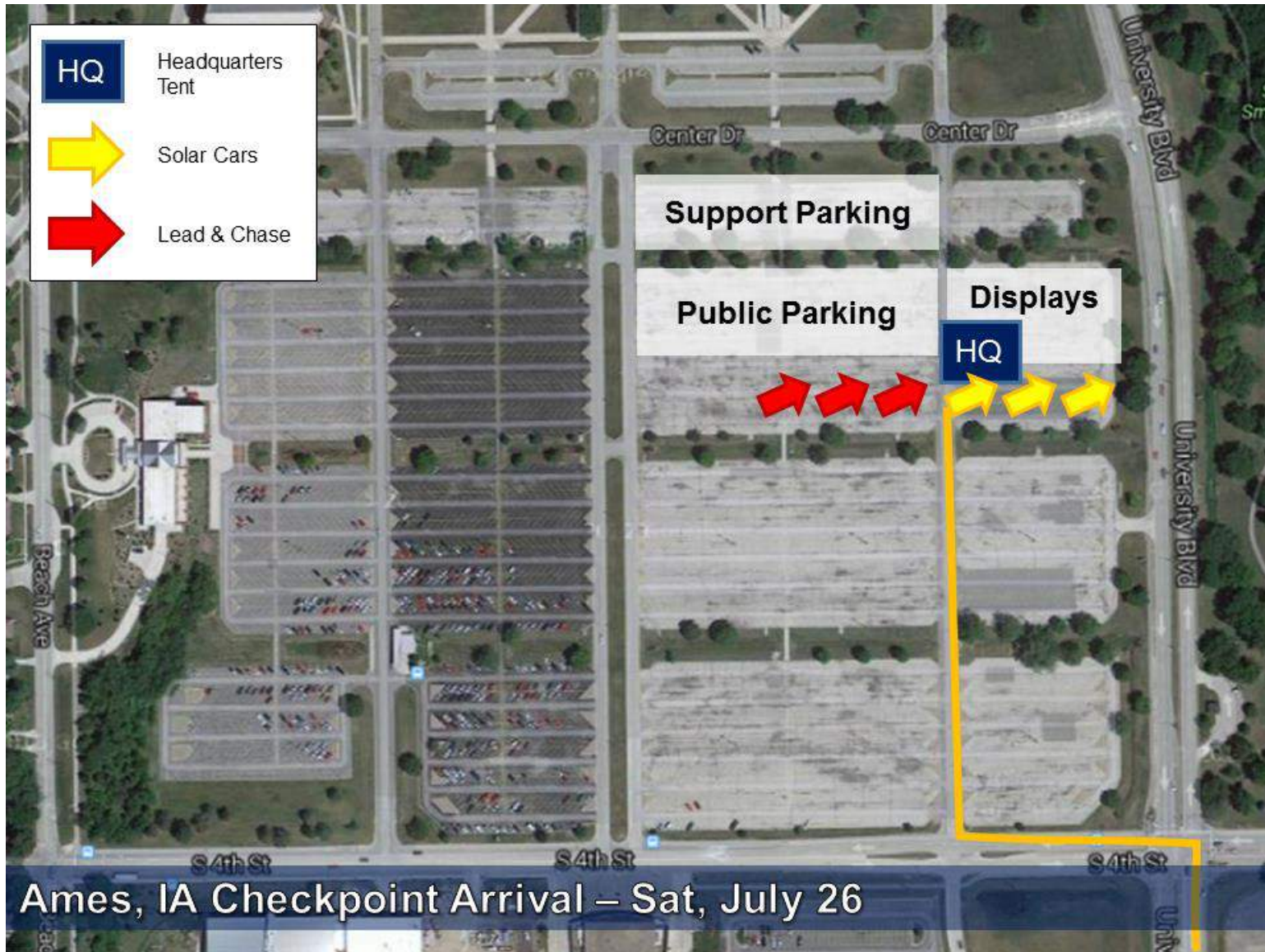
OMAHA, NE – AMES, IA

Steps F96 – F102



Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
F 86	120.40	0.40				55		
F 87	130.10	9.70		Junction with IA-25, access to Scranton				
F 88	139.10	9.00		Rumble strips and 4-way stop, junction with IA-4				hotel, gas
F 89	146.30	7.20		Junction with IA-144, access to Grand Junction				
F 90	146.40	0.10		RR Tracks				
F 91	153.80	7.40		Junction with US-169 North				
F 92	157.10	3.30		Junction with US-169 South, access to Ogden	2	55	p,w	
F 93	157.80	0.70				65		
F 94	165.10	7.30		Rumble strips, 4-way stop, entering Boone		45		Grocery, hardware
F 95	166.90	1.80				65	p/gravel	
F 96	177.90	11.00	Exit right at exit 146 for University Blvd towards Iowa State University		1			full services
F 97	178.20	0.30	Turn left at the SL at the bottom of the exit onto University Blvd		2	45		
F 98	178.70	0.50		SL for Mortenson Parkway				
F 99	179.00	0.30		SL S 16th Street				
F 100	179.30	0.30	Turn left at SL for S 4th St			35		
F 101	179.70	0.40	Turn right into parking lot					
F 102	180.20	0.50	Turn right into solar car area of parking lot					

AMES, IA – CHECKPOINT



STAGE 4

PART B

2014 AMERICAN SOLAR CHALLENGE

Ames, IA – La Crosse, WI
July 26 – 27

AMES, IA – LA CROSSE, WI

START: Jack Trice Stadium, Iowa State University
1800 South 4th Street, Ames, IA 50011

END: Western Technical College, 750 Badger St, La Crosse, WI 54601



SOLAR CAR ROUTE



SUPPORT VEHICLE ROUTE



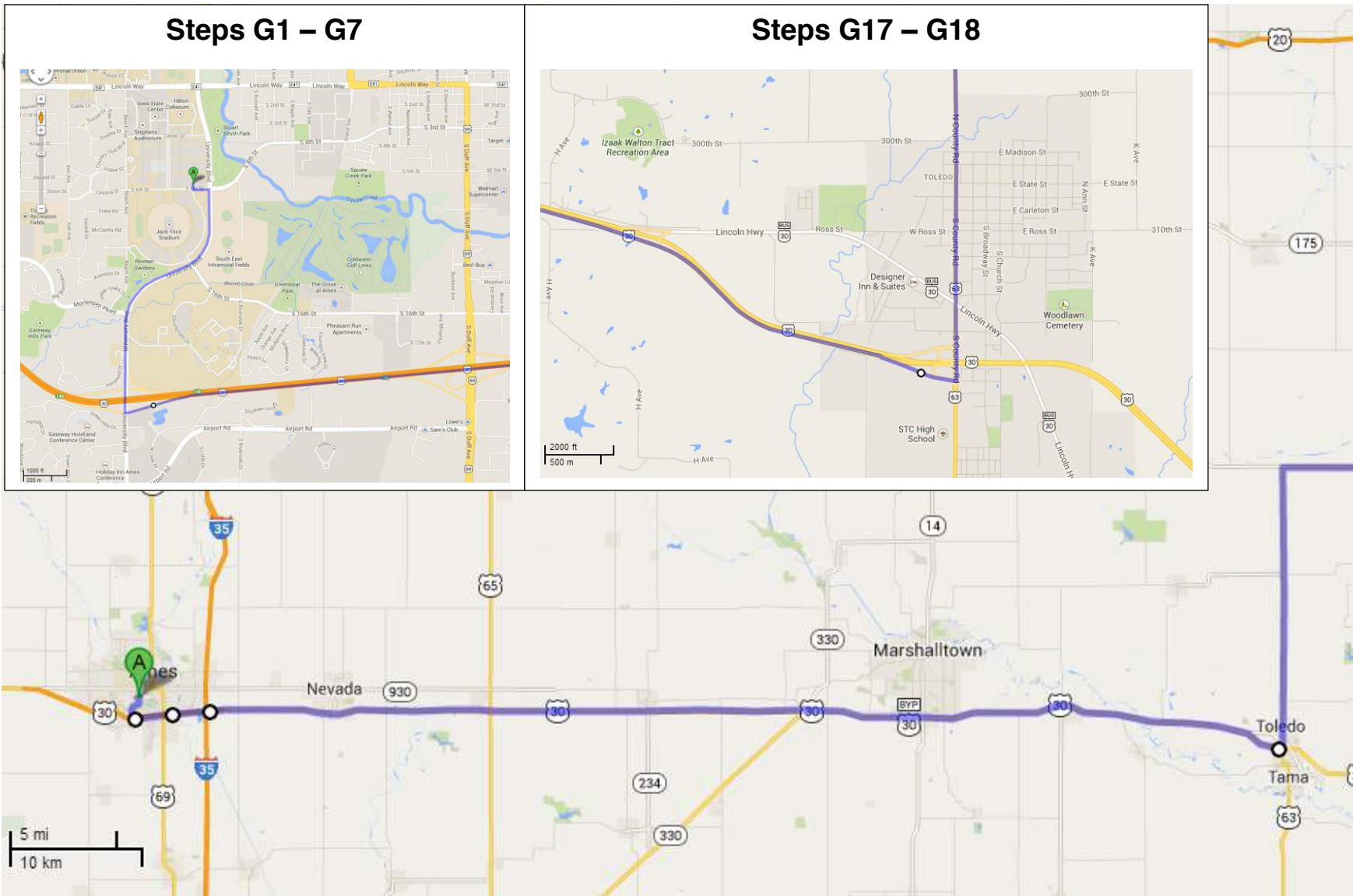
SUPPORT VEHICLE ROUTE DIRECTIONS

1.	Head south on University Blvd toward Mortensen Rd	
2.	Turn left to merge onto U.S. 30 E	1.2 mi
3.	Exit on the left onto US-30 Business E	53.1 mi
4.	Turn left onto US-63 N/S County Rd	1.8 mi
5.	Turn right to stay on US-63 N	12.9 mi
6.	Turn right onto University Ave	30.1 mi
7.	Continue onto W 1st St	0.3 mi
8.	Keep left to continue on E 1st St	0.8 mi
9.	Continue onto E Mullan Ave	0.1 mi
10.	Continue onto US-63 N/Logan Ave Continue to follow US-63 N	0.8 mi
11.	Turn left onto MN-16 W/US-63 N	85.0 mi
12.	Slight right onto MN-16 W/US-63 N/N Broadway Ave Continue to follow MN-16 W/US-63 N	0.1 mi
13.	Turn right onto US-63 N	4.9 mi
14.	Take the Interstate 90 E ramp	11.9 mi
15.	Merge onto I-90 E	0.5 mi
16.	Take exit 276 to merge onto US-14 E/US-61 S toward La Crescent	65.4 mi
17.	Turn left onto MN-16 E/US-14 E/US-61 S Continue to follow US-14 E/US-61 S	2.5 mi
18.	Continue onto Cameron Ave	3.1 mi
19.	Turn left onto 4th St S	433 ft
20.	Take the 1st right onto Cass St	361 ft
21.	Turn left onto 7th St S	0.3 mi
22.	Turn right onto Badger St and follow the flaggers	0.5 mi

AMES, IA - CHECKPOINT

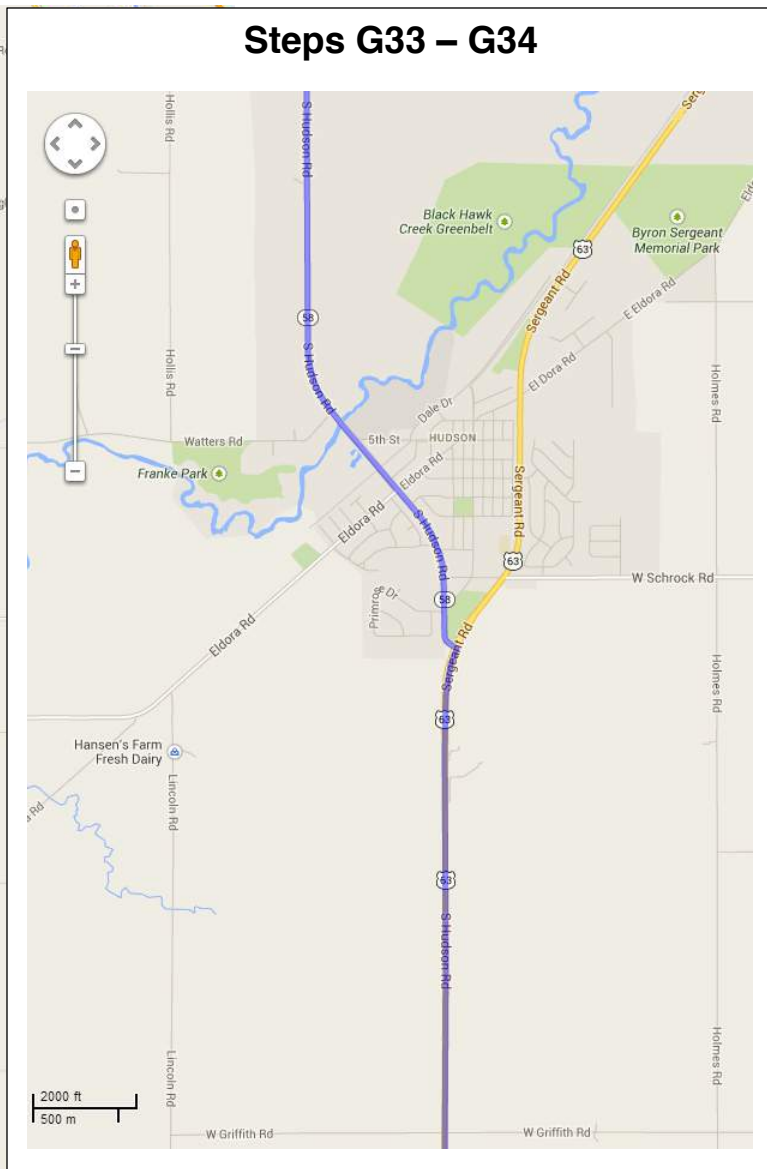
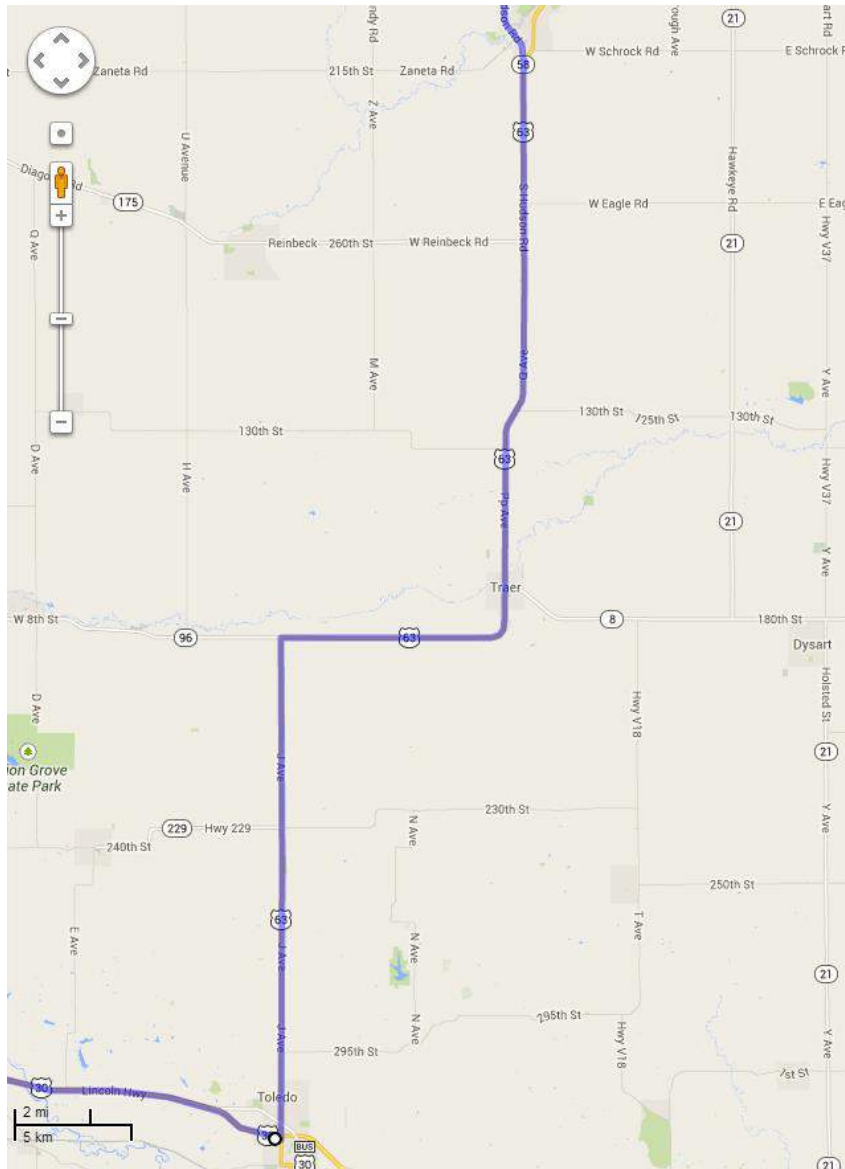


AMES, IA – LA CROSSE, WI



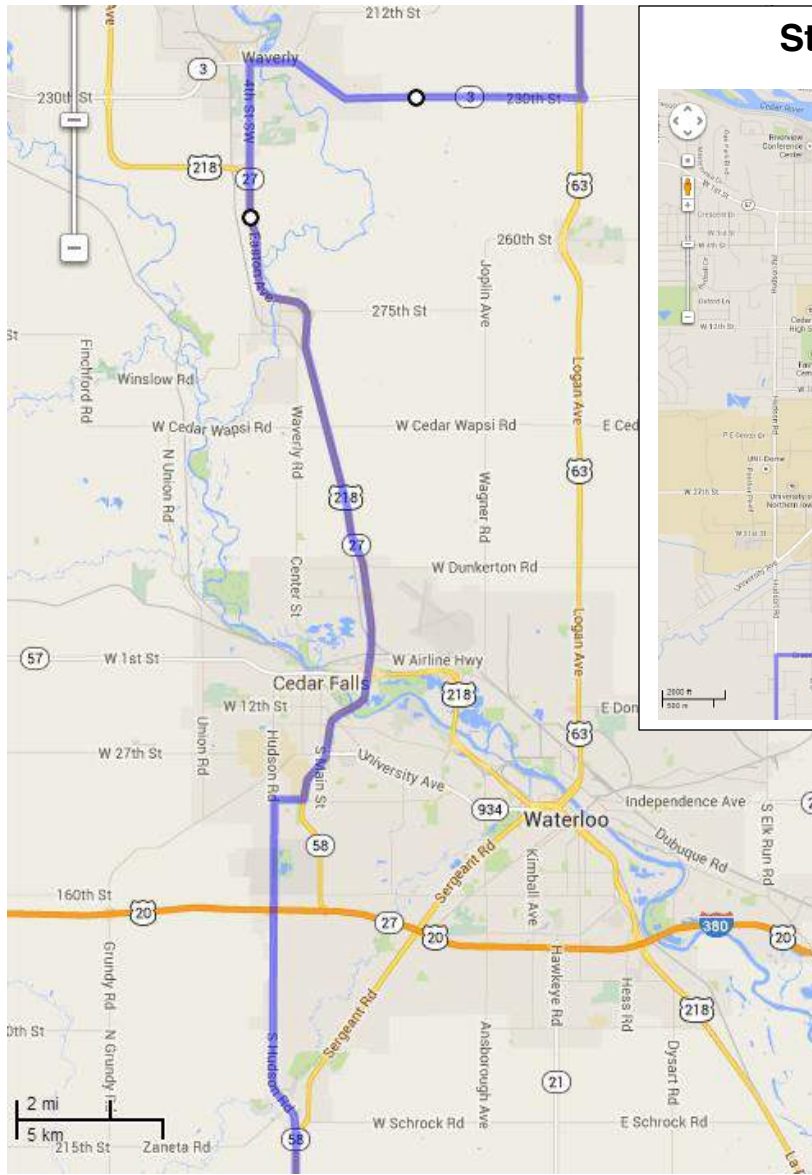
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
G 1	0.00		Leave solar car area					
G 2	0.10	0.10	Turn left onto S 4th St					
G 3	0.20	0.10	Turn right on University Blvd		2	45	curb	
G 4	0.50	0.30		SL for S 6th Street	2	45	curb	
G 5	0.90	0.40	Be in the left lane while approaching the US-30 overpass	SL for Mortensen Pkwy				
G 6	1.30	0.40	Turn left at the SL after the underpass to get on the US-30 East entrance ramp					gas
G 7	1.50	0.20	Merge left onto US-30 East		2	65	gravel	
G 8	4.90	3.40		I-35 overpass			paved	
G 9	10.10	5.20				55		
G 10	10.50	0.40		Junction with Country Rd S14/SW 4th St with access to Nevada				
G 11	11.50	1.00				65	gravel	
G 12	18.20	6.70		Exit 164 for US-65				
G 13	33.10	14.90		Exit 179 for IA-330				
G 14	34.10	1.00		Marshalltown, next 3 exits Exit 185 has lots of services				full services
G 15	51.50	17.40		Meskwaki Casino		55		gas
G 16	52.00	0.50				65		
G 17	56.30	4.30	Exit right at Exit 202 for US-63 with access to Toledo and Toma					gas, food, hotel

AMES, IA – LA CROSSE, WI

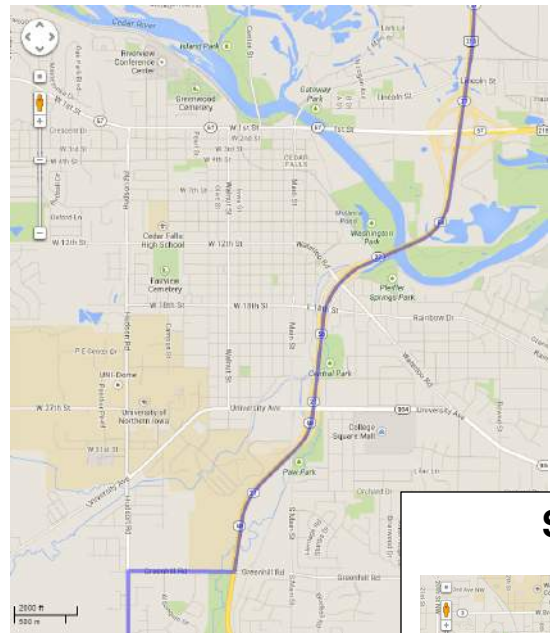


Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
G 18	56.70	0.40	Turn left at the SL for S County Rd at the top of the exit ramp		2			
G 19	56.90	0.20		SL for West Oak			curb	
G 20	57.10	0.20		SL with Hardees on far right corner	2	40	curb	
G 21	57.50	0.40				35		
G 22	58.10	0.60	Merge left, right lane ends		1	45		
G 23	58.30	0.20				55	gravel, wide	
G 24	62.20	3.90		Passing lane, 1/2 mile long				
G 25	70.10	7.90	Turn right at the stop sign, following signs for US-63		1	55	gravel	
G 26	75.70	5.60		US-63 curves to the left				
G 27	76.30	0.60		Entering Traer	2	45	curb	
G 28	76.70	0.40				35		
G 29	77.00	0.30		SL for 6th St				
G 30	77.30	0.30		SL for Junction IA-8/2nd St		20		gas
G 31	77.40	0.10	Right lane ends; merge left			35		
G 32	77.70	0.30			1	55	wide gravel	
G 33	91.20	13.50		Entering Hudson		50		
G 34	91.50	0.30	Turn left to follow IA-58 North	No SL or stop sign! Pay attention!	1	40		

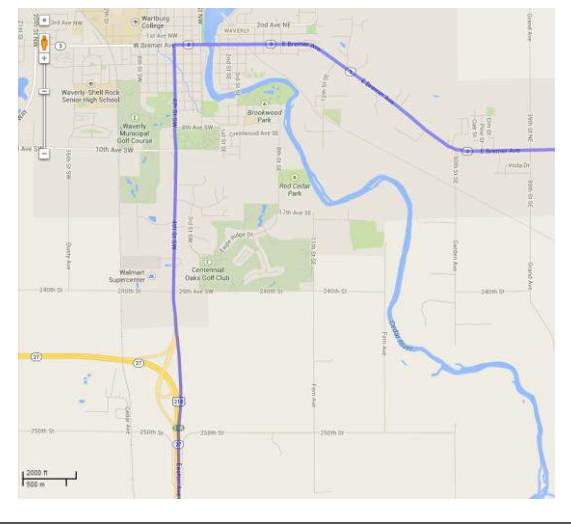
AMES, IA – LA CROSSE, WI



Steps G43 – G45



Steps G47 – G51



Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
G 35	91.80	0.30		Flashing yellow for crosswalk, School St				
G 36	92.10	0.30				55	narrow gravel	
G 37	95.10	3.00		Begin divided highway	2	55		
G 38	96.00	0.90		I-380 Overpass	2	45	wide gravel	
G 39	97.10	1.10		SL for Technology Parkway				
G 40	97.50	0.40		Cedar Falls Visitor Center on right	2	45	curb	
G 41	97.80	0.30		SL for Viking Rd				
G 42	98.30	0.50		SL for Erik Rd				
G 43	98.90	0.60	Turn right at SL for Greenhill Rd		2	45	curb	
G 44	99.50	0.60	Turn left at SL for Highway 58	Protected left	2	60	gravel	
G 45	101.80	2.30	Continue on the highway following signs for US-218 North towards Waverly	Cross Cedar River				
G 46	103.10	1.30			2	65		
G 47	113.90	10.80	Take exit 198 for US-218 Business towards Waverly		2	55	gravel	
G 48	114.90	1.00		SL for 29th Ave SW, entering Waverly	2	45	curb	
G 49	115.40	0.50		SL for Technology Pl/Oak Creek Cir; merge left, right lane ends in 1/2 mile		40		full services
G 50	116.30	0.90			1	30		
G 51	116.70	0.40	Turn right at SL for Bremer Ave to follow signs for IA-3		2	25	curb	

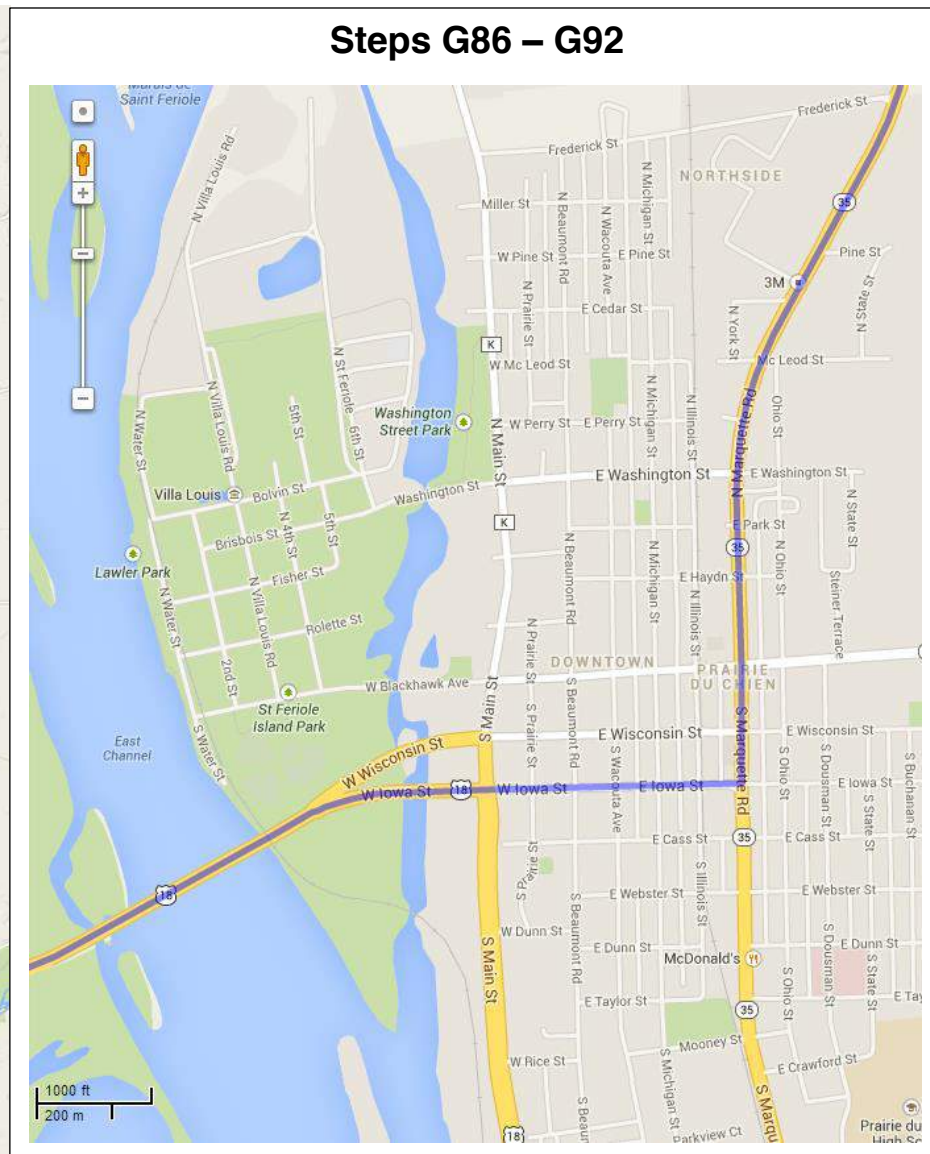
AMES, IA – LA CROSSE, WI



Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
G 52	116.80	0.10		SL for 1st St SW				
G 53	117.10	0.30		SL for 3rd St SE	2	35		gas
G 54	117.60	0.50		Merge right, left lane ends	1	45	curb	
G 55	119.20	1.60				55	gravel	
G 56	124.10	4.90	Turn left onto US-63 North with signs to New Hampton	No SL or stop sign! Pay attention!	2	65	gravel	
G 57	129.10	5.00		Tall blue silo on right				
G 58	141.90	12.80	Exit 196 right onto US-18 East and West 346, access for Little Brown Church	No SL or stop sign! Pay attention!	1			
G 59	142.10	0.20	Turn left at the stop sign at the end of the exit onto US-18 East	Cross traffic does not stop	1	55	gravel	
G 60	147.30	5.20		Entering Fredricksburg		50		
G 61	147.80	0.50				30		gas
G 62	148.70	0.90				55		
G 63	160.60	11.90		Goulsburg Park Campgrounds, 3 miles to the left				
G 64	167.30	6.70		Entering West Union		45	curb	
G 65	167.50	0.20		Stay in left lane, right lane is turn only		35		
G 66	167.70	0.20		4-way stop for junction with IA-150				gas, food, motel
G 67	168.20	0.50		SL for N Pine St				
G 68	169.00	0.80		Echo Valley Speedway on right		55	wide gravel	

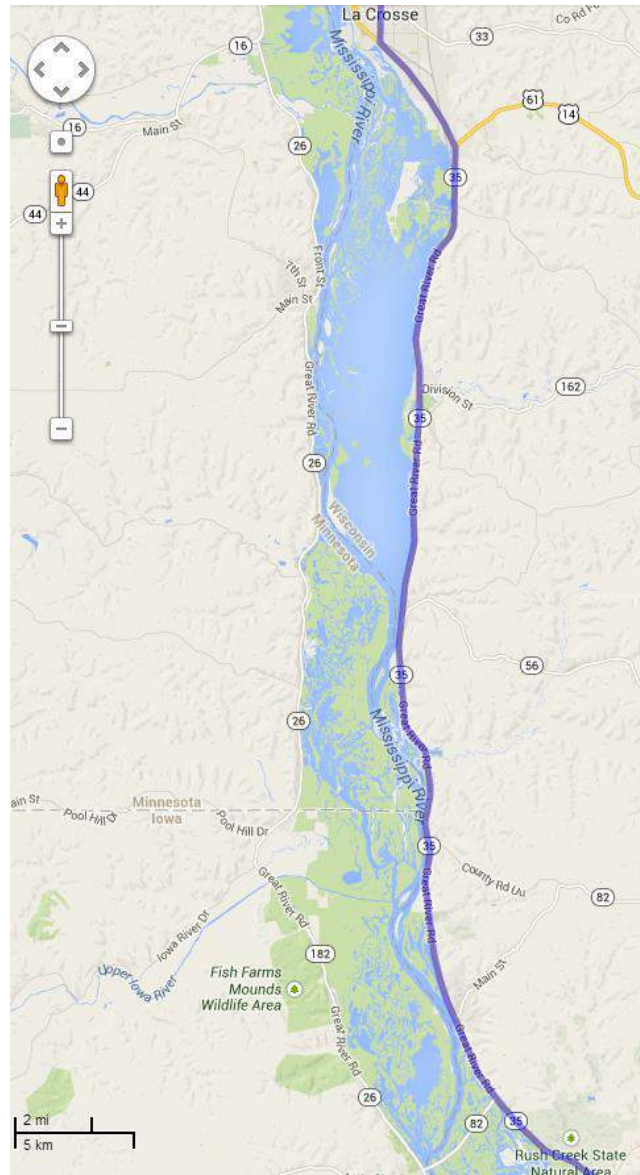
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
G 69	176.40	7.40		Entering Clermont		45		gas
G 70	176.60	0.20				30	curb	
G 71	176.80	0.20		Cross Turkey River		25		
G 72	177.30	0.50		Passing lane on hill exiting town, right lane ends at the top of the hill in 1/2 mile	2	45		
G 73	177.60	0.30			1	55	wide gravel	
G 74	184.50	6.90	Continue straight on US-18 East	Junction with US-52, Entering Postville		45		
G 75	185.00	0.50				25	curb	gas
G 76	185.50	0.50	Turn right at all-way stop for Lawler St, following signs for US-18 East					auto parts
G 77	185.60	0.10	Turn left at W Military Rd to follow signs for US-18 East	No stop sign or SL! Pay Attention!		35		
G 78	186.10	0.50		Springfield Dr		45	wide gravel	hotel
G 79	186.90	0.80				55		
G 80	195.40	8.50		Monona water tower on left				gas, food
G 81	200.90	5.50	Continue straight on US-18 East	Gain 1/2 mile long passing lane after junction with US-52				
G 82	204.40	3.50		Large pulloff area on right				
G 83	206.10	1.70		6% downhill grade	2	55	gravel	
G 84	207.20	1.10		Merge left, right lane ends. Hill flattens out.	1			
G 85	208.70	1.50		Entering Marquette		45		

AMES, IA – LA CROSSE, WI



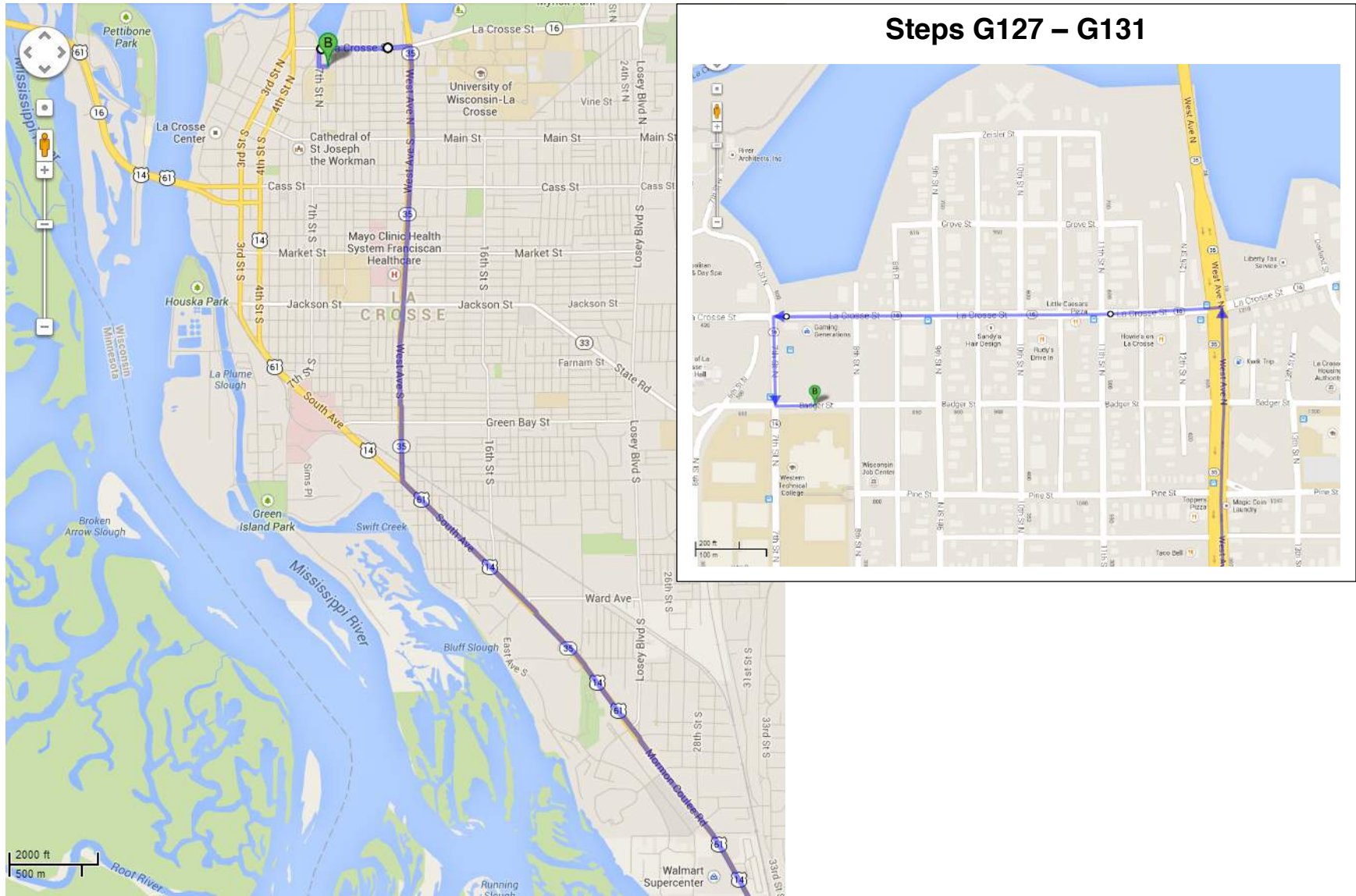
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
G 86	209.20	0.50		Cross Mississippi River		55		
G 87	209.60	0.40	Be in left lanes, the right lane turns	Entering Wisconsin				
G 88	210.00	0.40		East Channel Mississippi Bridge				
G 89	210.60	0.60		Entering Prairie Du Chien	2	25		
G 90	211.10	0.50		RR Tracks				
G 91	211.20	0.10	Turn left at the Stop Sign for Marquette Ave, following signs for WI-35 North					
G 92	211.30	0.10		SL for Blackhawk Ave	2	30		
G 93	211.60	0.30		RR Tracks				
G 94	211.90	0.30				45	narrow, paved	
G 95	212.60	0.70				55		gas
G 96	216.40	3.80		Narrow shoulders/no shoulders next ~25 miles			barrier	
G 97	221.00	4.60		Pull off area on left				
G 98	224.60	3.60		Wayside stop on right				
G 99	225.90	1.30		Entering Lynxville	1	40		
G 100	226.50	0.60				55		
G 101	231.70	5.20		Pull off area on right, immediately after junction with WI-171				
G 102	233.60	1.90		Entering Ferryville		45	narrow paved/grass	

AMES, IA – LA CROSSE, WI



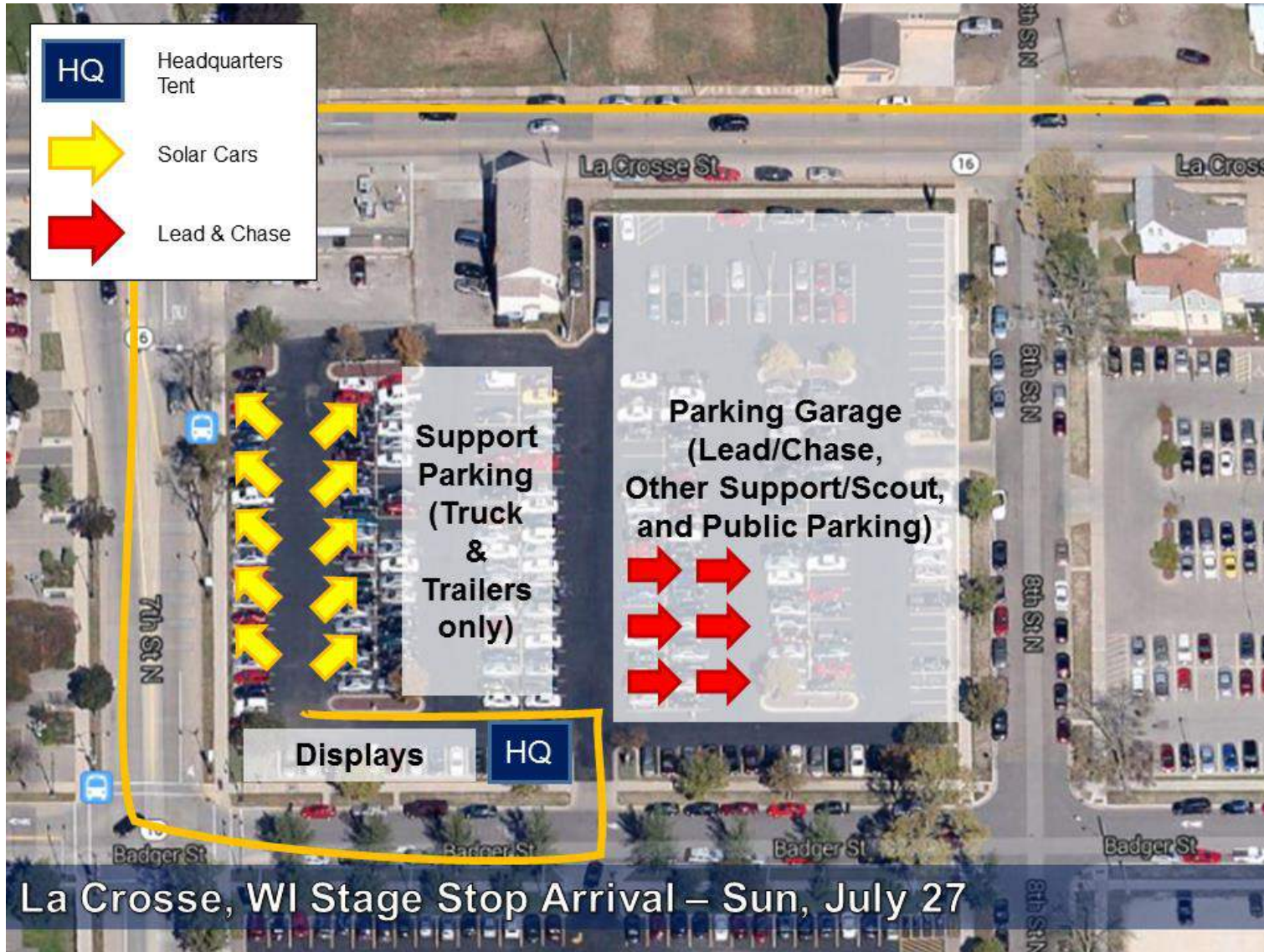
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
G 103	233.90	0.30			1	25	wide paved w/curb	food, gas
G 104	234.70	0.80				45	paved	
G 105	235.20	0.50				55	narrow paved/grass	
G 106	237.70	2.50					barrier	
G 107	239.60	1.90		Pulloff on right at the WI-82 junction				
G 108	240.70	1.10					Narrow paved/grass	
G 109	241.50	0.80		Entering De Soto				gas
G 110	243.50	2.00		Pulloff on right				
G 111	244.50	1.00		Historical marker with pulloff on right			paved/grass	
G 112	252.40	7.90		Nuclear power plant on left, big pulloff on right				
G 113	252.60	0.20		Entering Genoa			wide paved	gas
G 114	253.40	0.80					Narrow paved with grass	gas
G 115	258.80	5.40		Entering Stoddard		30	wide paved	
G 116	259.50	0.70				55		gas
G 117	265.20	5.70		Entering La Crosse	2	40	curb	
G 118	266.60	1.40		SL with Walmart on left				gas, food
G 119	267.20	0.60		SL for Birch St				auto parts

AMES, IA – LA CROSSE, WI



Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
G 120	267.80	0.60		SL for Victory St/21st Place				
G 121	268.20	0.40		SL for East Ave		30		
G 122	268.90	0.70	Turn right at SL for West Ave to follow WI-35 North	RR Tracks immediately after	2	25		
G 123	269.10	0.20		RR Tracks followed by SL for Green Bay St				full services
G 124	269.70	0.60		SL for Jackson St				Hospital
G 125	270.20	0.50		SL for Cass St				
G 126	270.40	0.20		SL for Main St				
G 127	270.60	0.20		SL for Pine St				food
G 128	270.80	0.20	Turn left at SL for La Crosse St and WI-16 West	Protected left				gas
G 129	271.10	0.30	Turn left at 4-way stop for 7th St with signs for WI-16 West					
G 130	271.20	0.10	Turn left at Badger Street					
G 131	271.30	0.10	Turn left into the parking lot					

LA CROSSE, WI – STAGE STOP



La Crosse, WI Stage Stop Arrival – Sun, July 27

STAGE 5

2014 AMERICAN SOLAR CHALLENGE

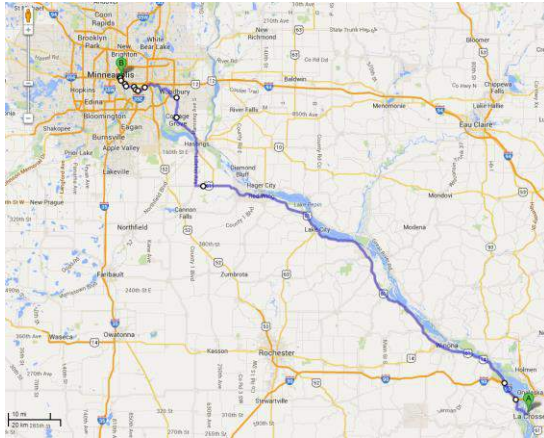
**La Crosse, WI – Minneapolis, MN
July 28**

LA CROSSE, WI – MINNEAPOLIS, MN

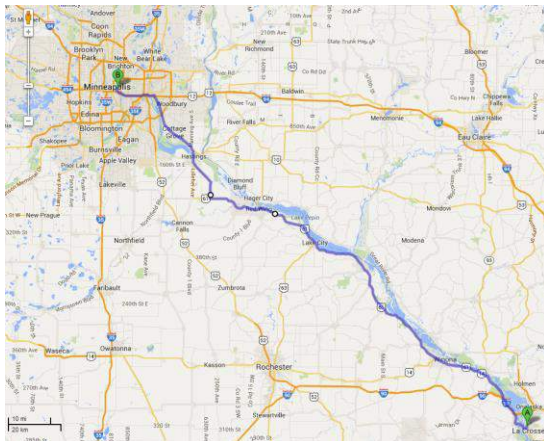
START: Western Technical College, 750 Badger St, La Crosse, WI 54601
 END: University of Minnesota, Victory Parking Lot, MN 55455



SOLAR CAR ROUTE



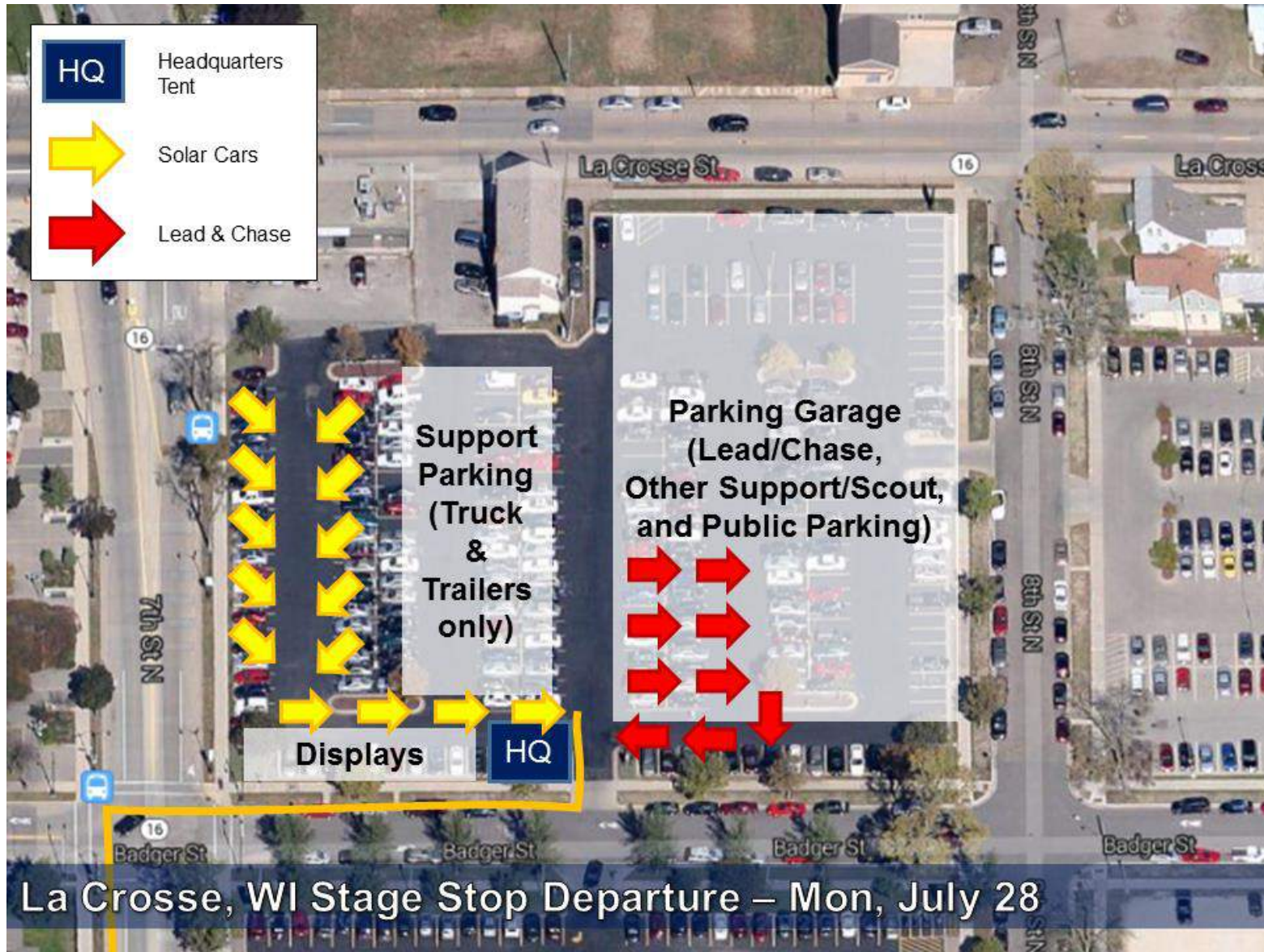
SUPPORT VEHICLE ROUTE



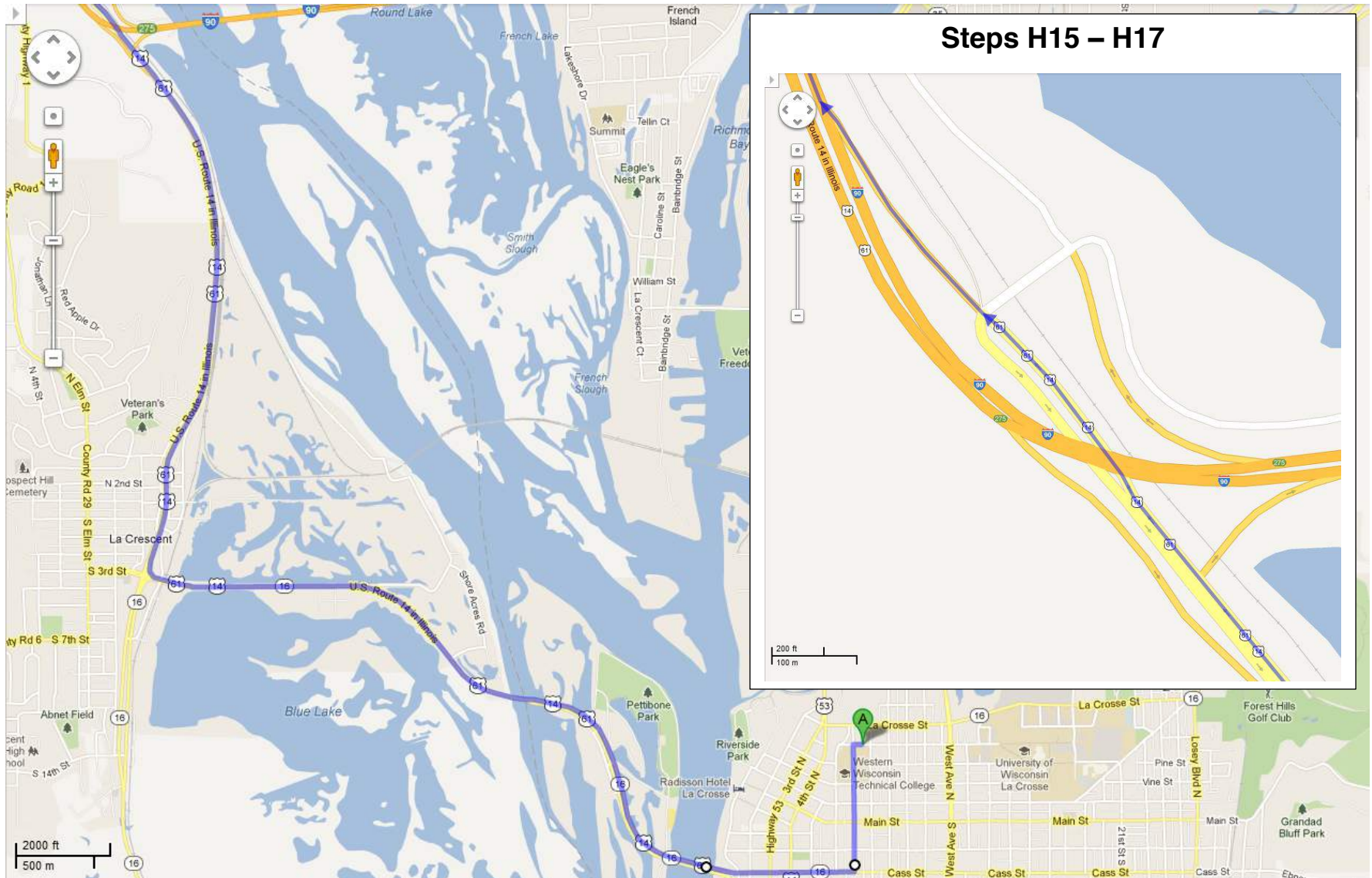
SUPPORT VEHICLE ROUTE DIRECTIONS

1.	Head west on La Crosse St toward 7th St N	
2.	Turn right onto 3rd St N	0.2 mi
3.	Continue onto Copeland Ave	0.2 mi
4.	Continue onto Rose St	0.5 mi
5.	Merge onto I-90 W via the ramp to Minnesota	3.0 mi
6.	Slight right onto US-14 W/US-61 N (signs for Winona) - Continue to follow US-61 N	8.7 mi
7.	Turn right onto MN-316 N	93.8 mi
8.	Turn right onto US-61 N/Vermillion St Continue to follow US-61 N	9.8 mi
9.	Keep left at the fork, follow signs for I-94 W/US-10/US-61 and merge onto I-94 W/US-10 W/US-61 N Continue to follow I-94 W	19.7 mi
10.	Slight right to stay on I-94 W (signs for Minneapolis)	3.3 mi
11.	Take exit 235B for Huron Blvd	6.2 mi
12.	Turn right onto Huron Blvd SE	0.2 mi
13.	Turn right onto Delaware St SE	0.2 mi
14.	Take the 1st left onto 25th Ave SE	220ft
15.	Turn left onto 6th St SE and follow flaggers into parking lot on left	0.3 mi

LA CROSSE, WI – STAGE START

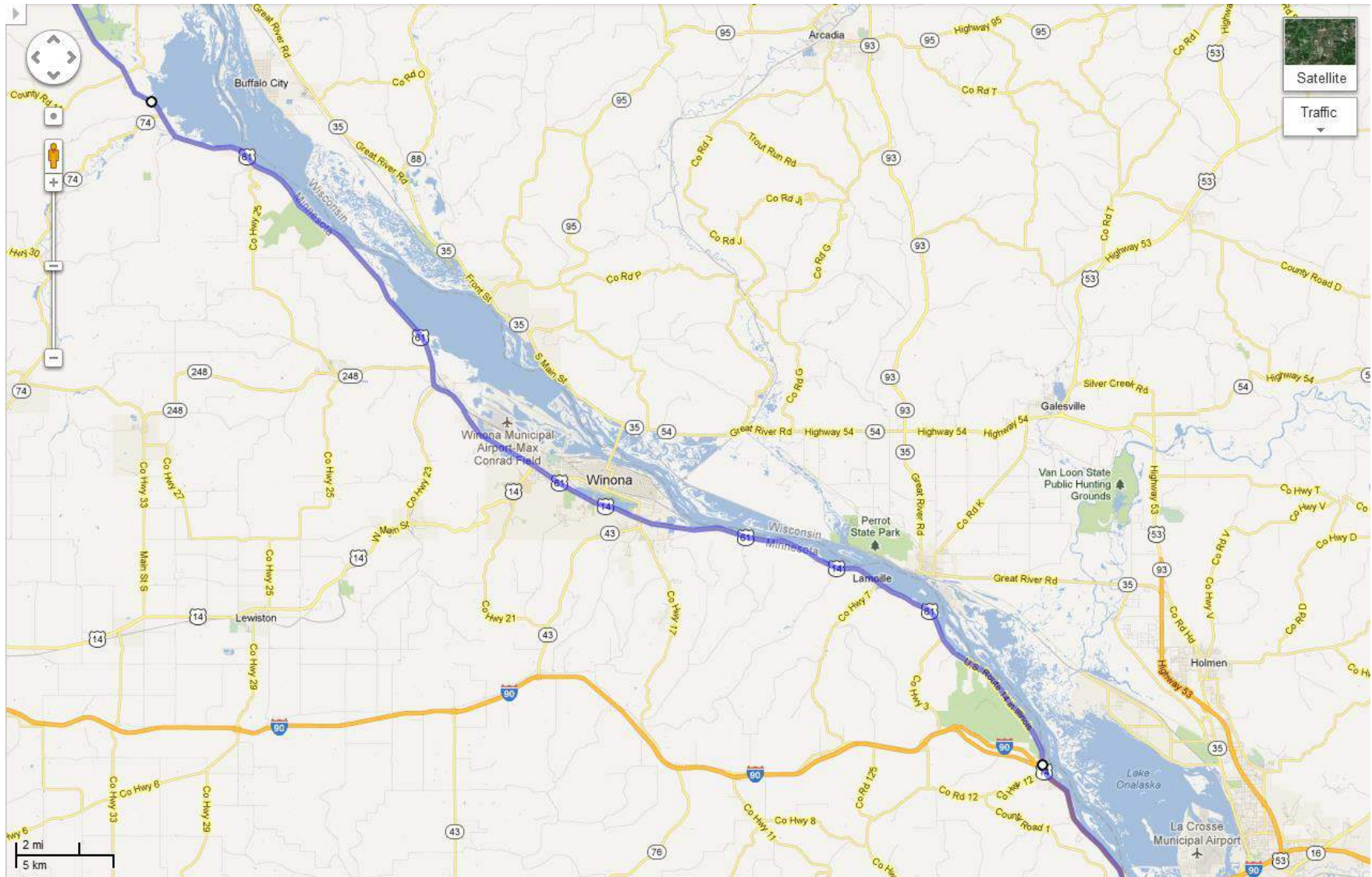


LA CROSSE, WI – MINNEAPOLIS, MN



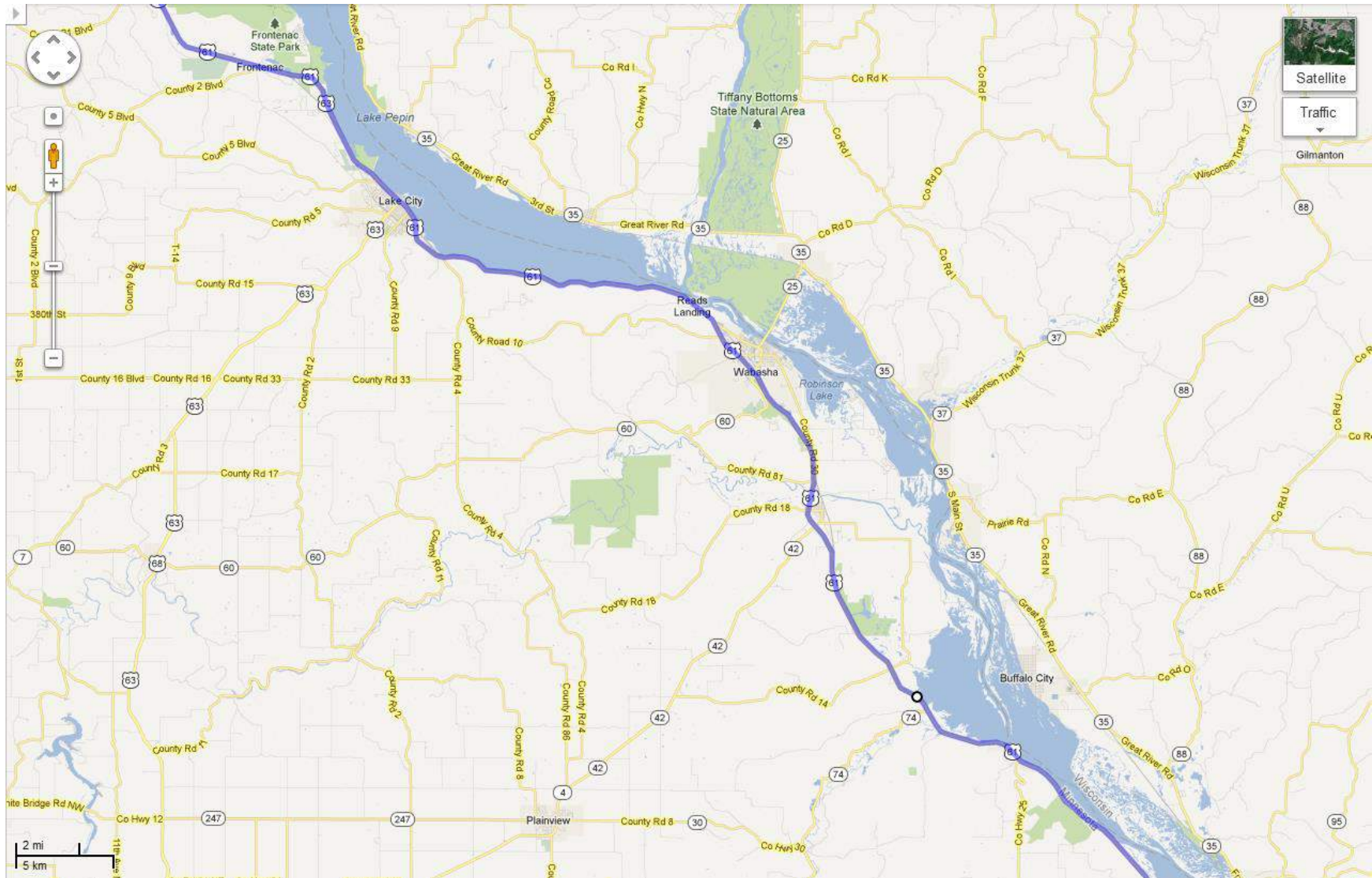
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
H 1	0.00	0.00	Turn right out of parking lot onto Badger St		1	25	curb	
H 2	0.05	0.05	Turn Left at Stop Sign for 7th St N					
H 3	0.20	0.15		SL for State St				
H 4	0.30	0.10		SL for Main St				
H 5	0.50	0.20	Turn right at SL for Cass St, signs for WI-16 West	T-intersection	2	25		gas
H 6	0.60	0.10		SL for 5th Ave S				
H 7	0.70	0.10		SL for 4th St S				
H 8	0.80	0.10		SL for 3rd St S		30		
H 9	1.00	0.20		Cross blue truss bridge over Mississippi River			curb	
H 10	1.40	0.40				40		
H 11	2.30	0.90		Cross small bridge - Welcome to Minnesota	2	50		
H 12	3.60	1.30		Enter La Crescent		40		
H 13	3.80	0.20	Exit right at the SL to follow signs for US-14/US-61 North	Immediately after turning merge left - right lane is exit lane				
H 14	4.70	0.90	Get in the left lane to follow I-90 West/US-61 North			55	p,w	
H 15	6.10	1.40	Lose right lane	I-90 East turns right				
H 16	6.30	0.20		Follow signs for US-61 North through construction zone				
H 17	6.70	0.40	Merge left onto I-90		2	55/Min 40	p,w	

LA CROSSE, WI – MINNEAPOLIS, MN



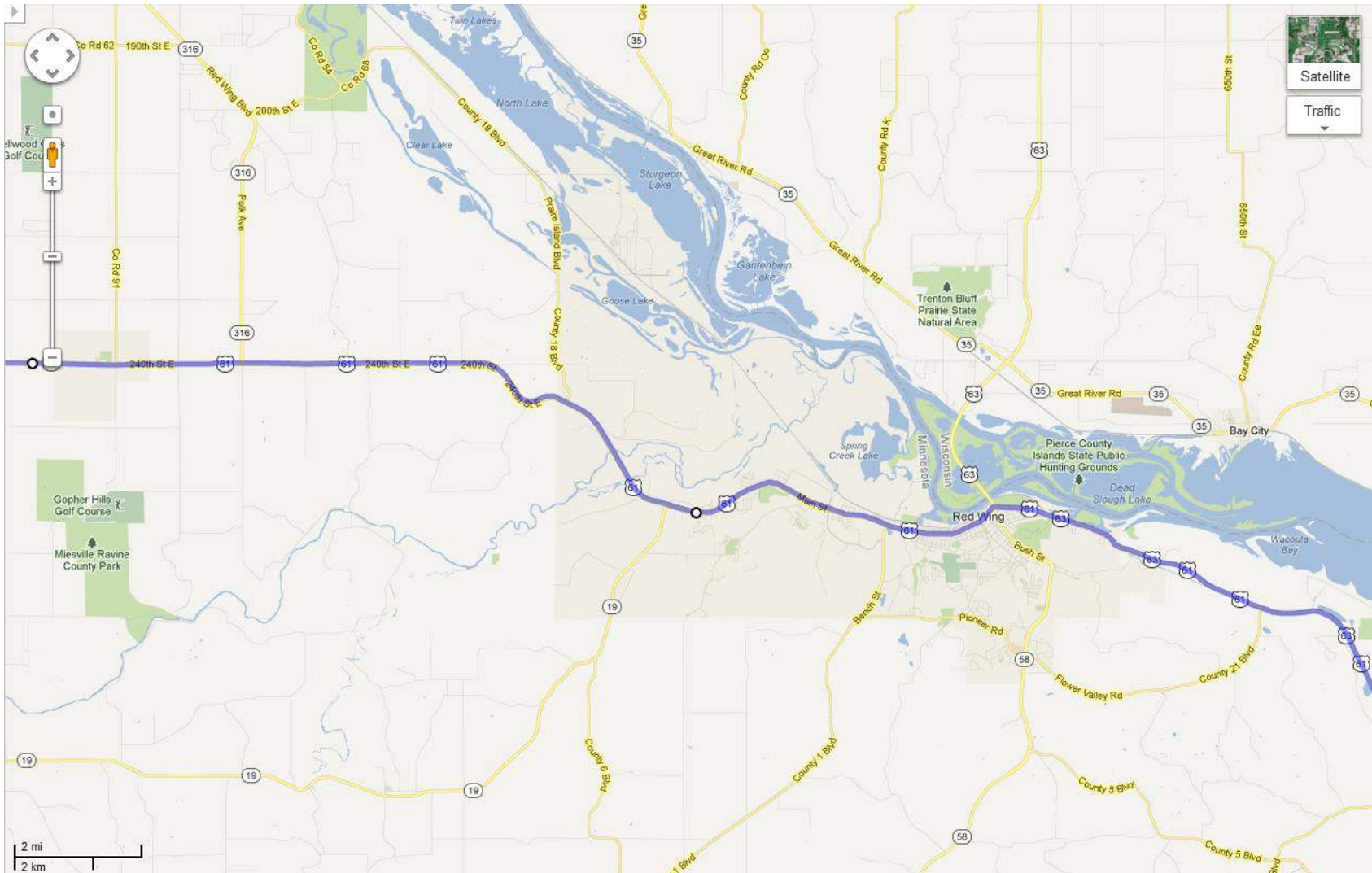
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
H 18	7.70	1.00				70		
H 19	8.70	1.00		Exit 272				
H 20	10.70	2.00		Exit 271 for Dakota				
H 21	11.10	0.40	Take Exit 270 for US-61 North					
H 22	11.50	0.40			2	65	p,n w/ guardrail	
H 23	16.50	5.00		Co Rd 3	2		p,w	
H 24	21.60	5.10		Pull off area on right (several along the road)				
H 25	24.00	2.40		Gardner-Rogers Community Park and historic marker on the left				
H 26	27.00	3.00		Entering Winona		55		full services
H 27	27.80	0.80		SL for MN-43				
H 28	29.30	1.50		SL for Junction with MN-44/Huff St/signs for Downtown to right				
H 29	30.20	0.90		SL for Vila St		45		
H 30	30.70	0.50		SL for Clarkes Lane				
H 31	31.50	0.80		SL for Pelzer St/US-14 W		55		
H 32	32.30	0.80		SL for 44th Ave				
H 33	36.30	4.00		Junction with MN-248		65	p,w	
H 34	41.30	5.00		Lock and Dam #5 on right				

LA CROSSE, WI – MINNEAPOLIS, MN



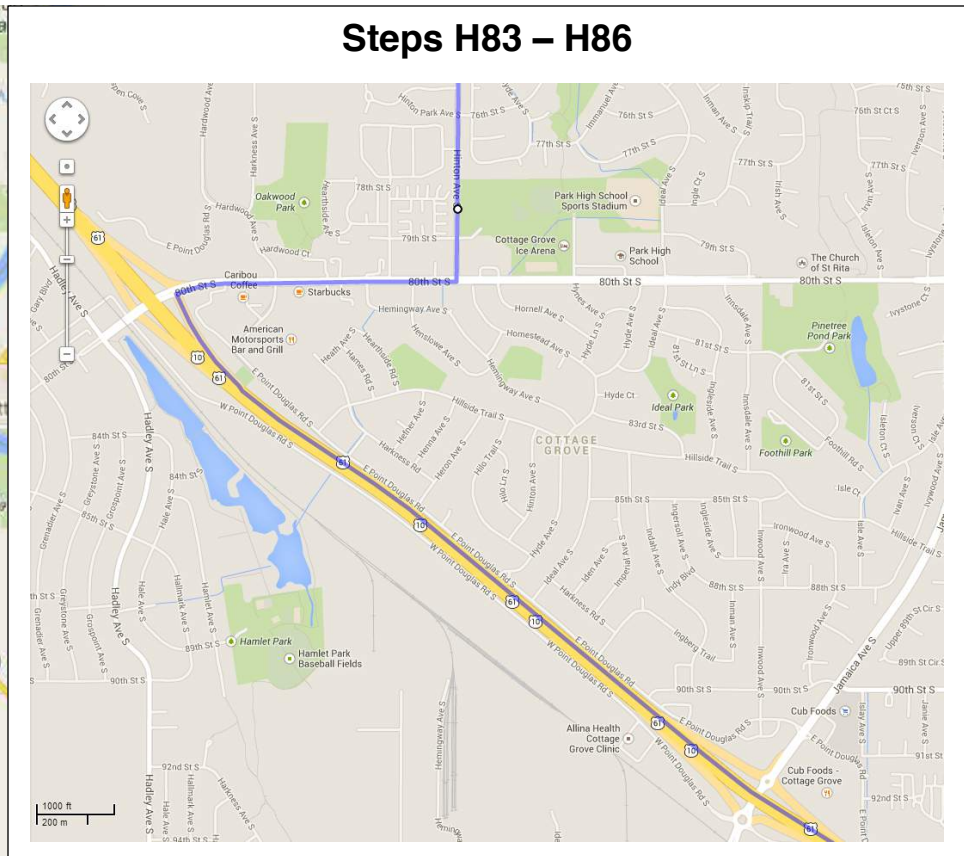
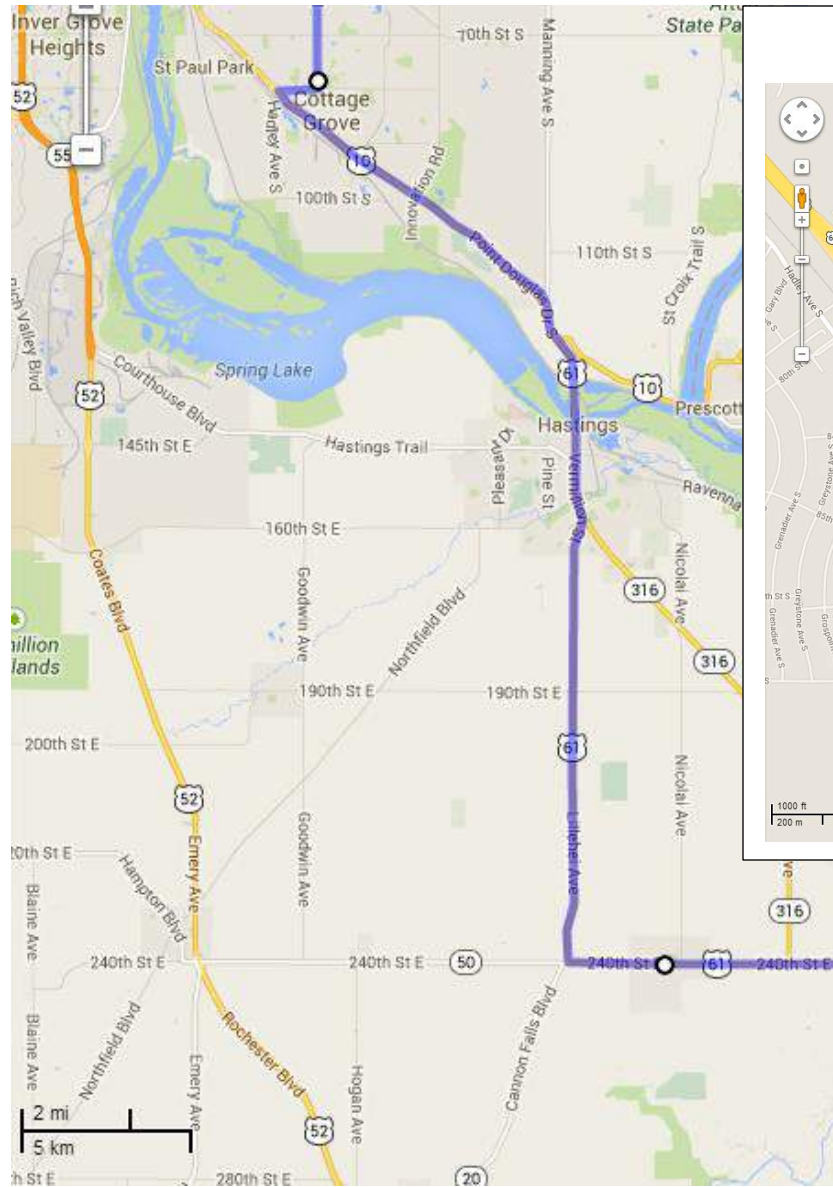
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
H 35	48.70	7.40		Junction with MN-74 on left				
H 36	56.00	7.30		Junction with MN-42 South to the left				
H 37	60.00	4.00		Wabasha City Limits		55		
H 38	61.60	1.60		Junction with MN-60		55		Hospital
H 39	63.40	1.80		Merge right, left lane ends	1		p,n	
H 40	64.50	1.10		Entering Reads Landing		50		
H 41	65.50	1.00		Pull off on right (several pullouts along road next few miles)		55		
H 42	73.50	8.00		Entering Lake City - "Birthplace of Waterskiing"		45	p,w	
H 43	74.60	1.10				30		
H 44	75.10	0.50		Marina on right	2	30		
H 45	75.30	0.20		SL for Marion St				
H 46	75.40	0.10		SL for Lyon Ave/US-63 South				gas/food
H 47	76.00	0.60		Goodhue County, left lane becomes turn lane ahead		40		
H 48	76.80	0.80	Continue to follow US-61 North	Drops to 1 lane each way	1	55	p,w	
H 49	79.20	2.40		Rest area on right				
H 50	80.40	1.20		Co Rd 2 on right				
H 51	81.80	1.40		Entering Frontenac Station		40		gas

LA CROSSE, WI – MINNEAPOLIS, MN



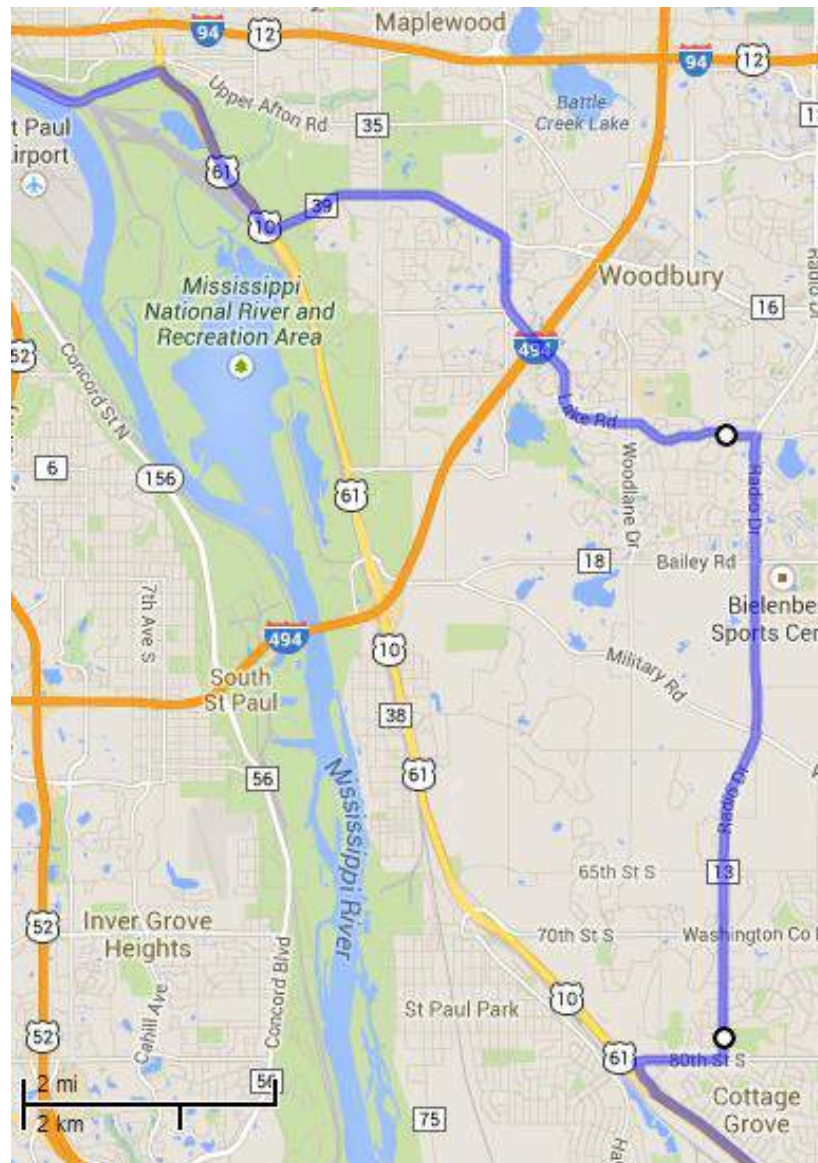
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
H 52	82.40	0.60				55		
H 53	89.70	7.30		Entering Red Wing				
H 54	90.50	0.80			2	55		
H 55	92.10	1.60		Speed limit drops sharply before passing under bridge		30		
H 56	92.40	0.30		SL for Plum Street/US-63 North				
H 57	92.50	0.10		SL for Bush Street				
H 58	92.60	0.10		SL for East Ave/Broad Street				full services
H 59	93.00	0.40		SL for Old West Main St		40		
H 60	93.40	0.40				50	p,w	
H 61	94.10	0.70		SL for Bench St				Hospital
H 62	95.10	1.00		SL for Tyler Rd				full services
H 63	97.30	2.20	Continue following US-61 North	SL for Aspen Ave/Moundview Drive	2	55	p,w	gas
H 64	98.20	0.90				65		
H 65	98.60	0.40		Cannon River				
H 66	103.60	5.00		Welch Village Road/Co Rd 7 on left			p,w	
H 67	105.60	2.00		Junction MN-316 Merge left, right lane ends 1/2 mile ahead		55		
H 68	107.40	1.80		Entering Miesville	1	35	p,w	gas

LA CROSSE, WI – MINNEAPOLIS, MN



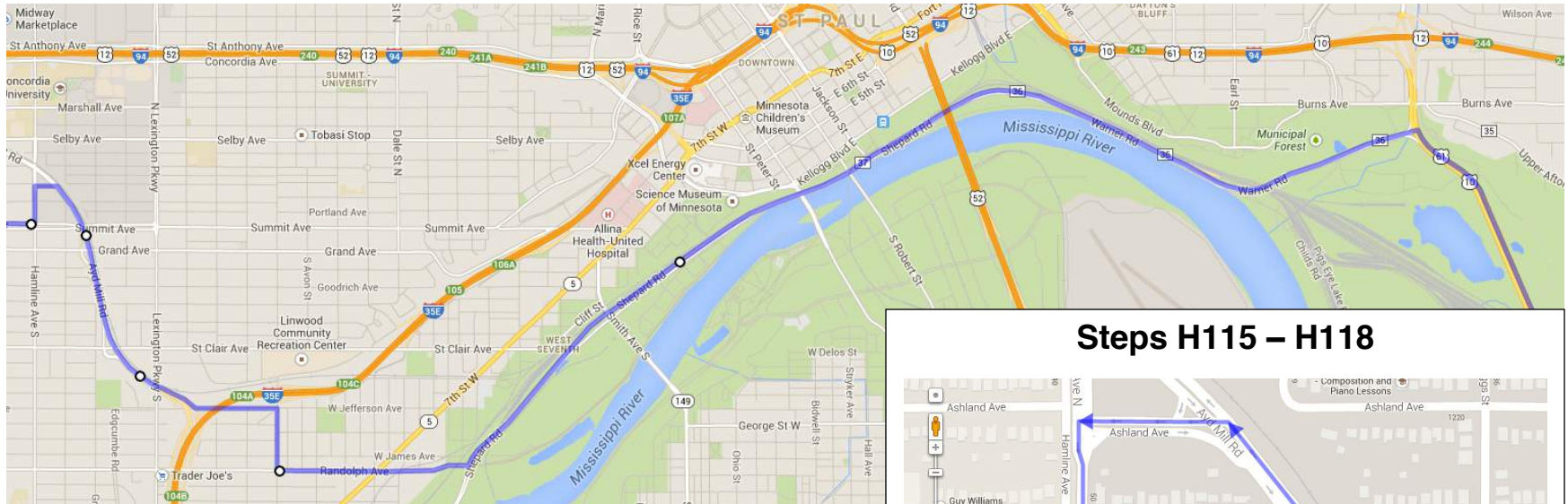
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
H 69	108.30	0.90				55		
H 70	109.70	1.40	Turn right following signs for US-61 towards Hastings	No stop light or stop sign - pay attention!	1	55	p,w	
H 71	114.90	5.20		Junction CR-62				
H 72	116.90	2.00		Entering Hastings		45	curb	
H 73	118.00	1.10		Junction with MN-316		30		
H 74	118.40	0.40		SL for CR-46/CR-47	2			
H 75	119.20	0.80		SL for MN-55				Hospital
H 76	119.30	0.10		SL for 10th Street				
H 77	120.30	1.00		Cross Mississippi River	2	40		
H 78	121.00	0.70			2	60	paved with curb	
H 79	121.50	0.50		SL for US-10 East				gas
H 80	122.30	0.80		SL for W Point Douglas Rd/MN-95		65	p,w	
H 81	125.20	2.90		Exit for Innovation Rd and CR-19				
H 82	127.20	2.00		Exit for Jamaica Ave				full services
H 83	128.30	1.10	Exit right at Grange Blvd/80th St					food, gas, hotel
H 84	128.60	0.30	Turn right at the SL at the top of the exit ramp		2	35	curb	

LA CROSSE, WI – MINNEAPOLIS, MN

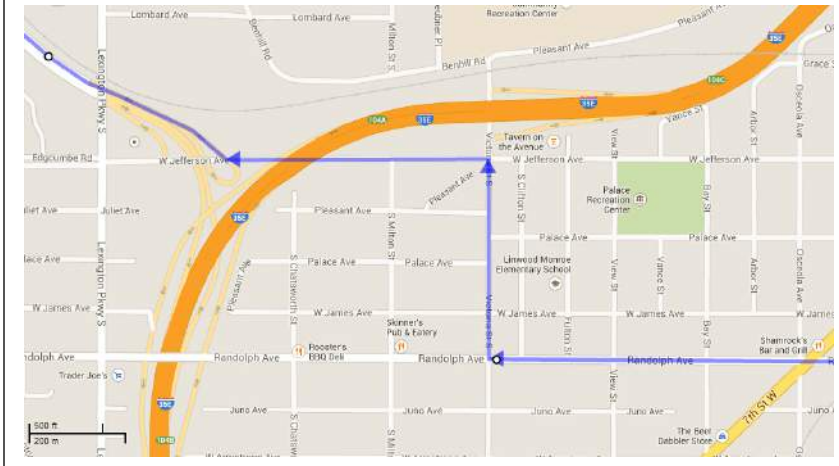


Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
H 85	128.80	0.20		SL for Hardwood Ave S/E Pt Douglas Rd		35		
H 86	129.30	0.50	Turn left at the SL for Hinton Avenue	Stay in right lane - left is turn only 1 mile ahead	2	35	curb	
H 87	130.30	1.00		Stop sign for 70th St South Note: left lane is turn only	1	45		
H 88	130.80	0.50	Merge left, right lane ends ahead	Stop sign for 65th St South	2	55		
H 89	131.90	1.10		Stop sign for Military Rd	1	55	paved	
H 90	133.10	1.20		SL for Hargis Pkwy	2			
H 91	133.30	0.20	Proceed through roundabout to far side, staying on CR-13/Radio Drive - both lanes work		2	50		
H 92	133.90	0.60		SL for Commonwealth Ave and Enclave Rd				
H 93	134.30	0.40	Turn left at SL for Lake Rd		2	40	curb	
H 94	135.00	0.70		Merge right, left lane is turn only at Woodlane Drive		35		
H 95	135.40	0.40		SL for Woodlane Drive	2	40		
H 96	136.40	1.00		SL for Wooddale Dr/I-494 North				
H 97	136.60	0.20		SL for Woodwinds Dr/I-494 South				Hospital
H 98	136.80	0.20		SL for Century Ave	2	50		
H 99	137.40	0.60	Turn left SL for Lower Afton Rd/Valley Creek Rd		1	50		
H 100	138.50	1.10		SL for McKnight Rd		45	p,w	gas
H 101	139.40	0.90	Turn right at SL at the bottom of the hill onto US-61 North		2	60	p,w	

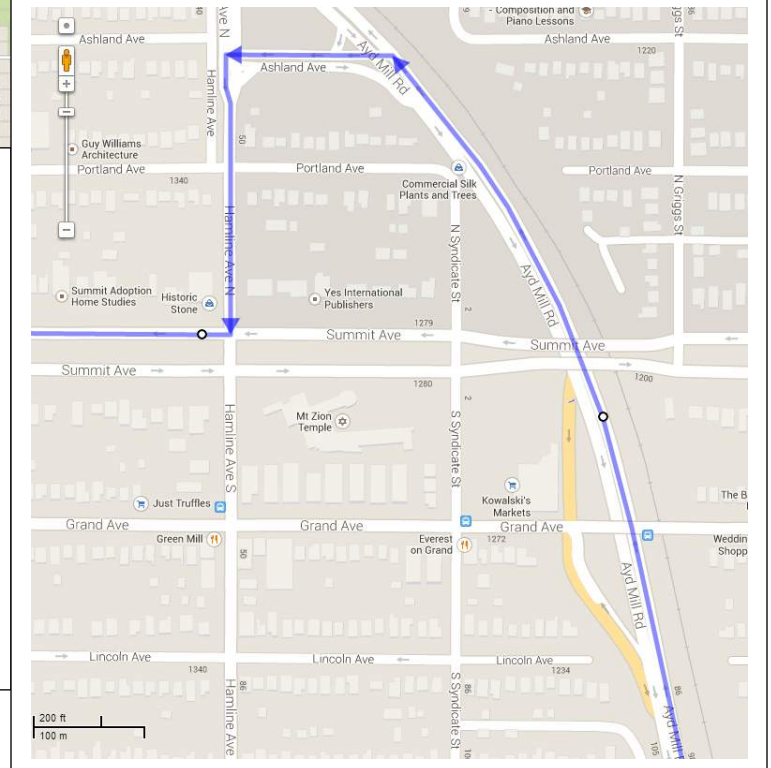
LA CROSSE, WI – MINNEAPOLIS, MN



Steps H111 – H113



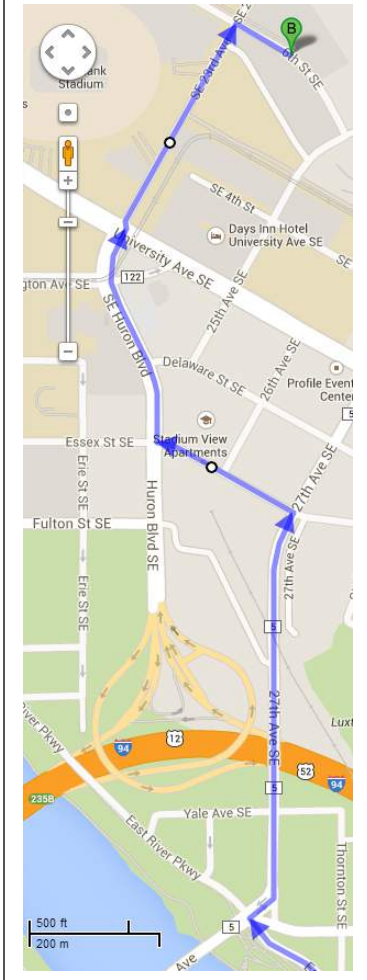
Steps H115 – H118



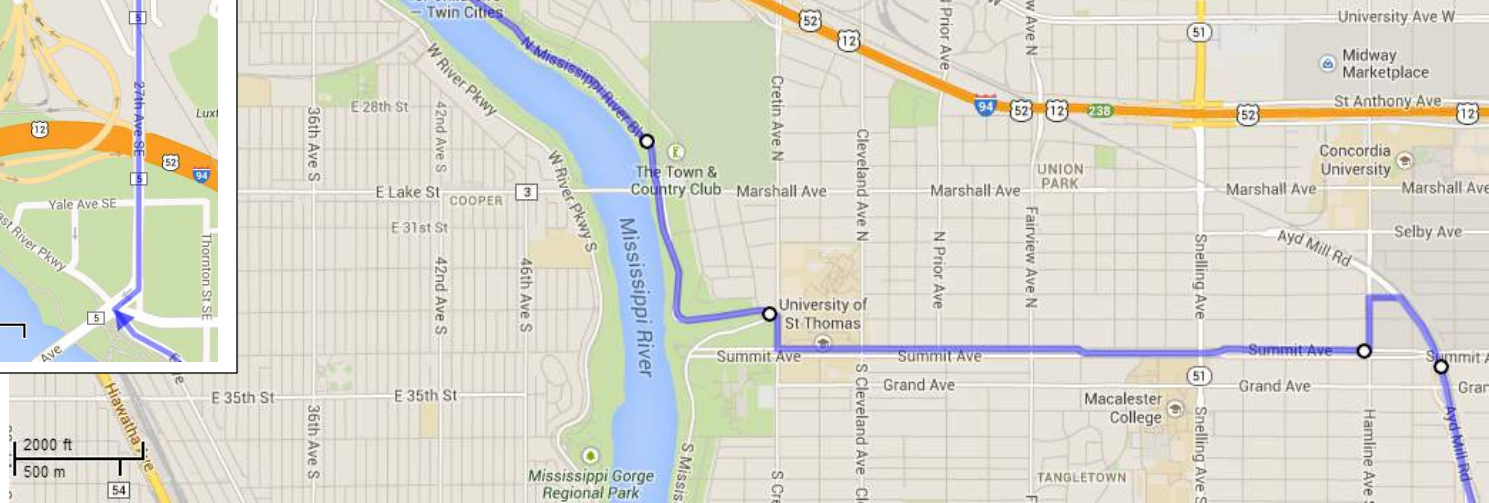
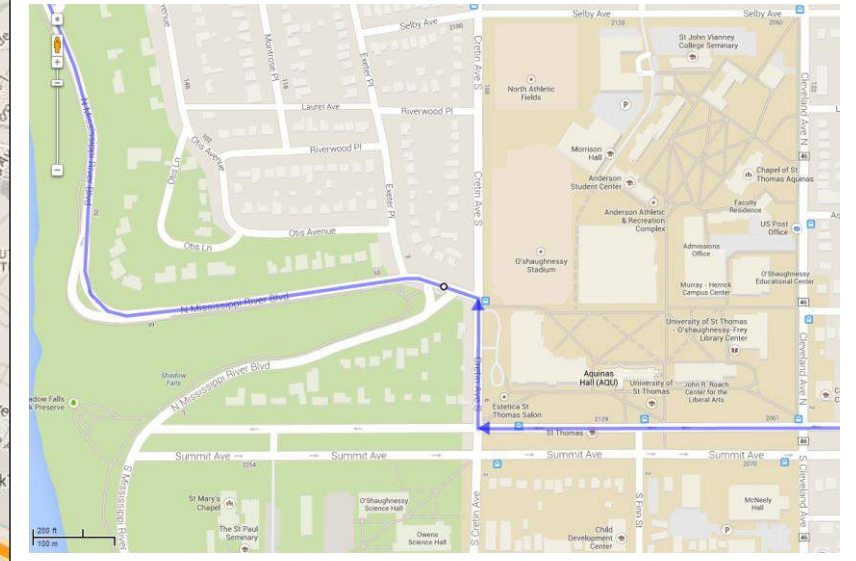
Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
H 102	140.80	1.40				45		
H 103	141.10	0.30	Turn left at the SL for Warner Rd	Narrow, rough concrete, construction	1	40	curb	
H 104	142.20	1.10		End rough road	2	50		
H 105	143.50	1.30		SL for Sibley St		40	curb	
H 106	144.10	0.60		SL for Ontario St				
H 107	144.40	0.30		SL for Washington		45		
H 108	145.70	1.30	Turn right at the SL for Randolph Ave, followed immediately by RR tracks		1	30		
H 109	146.00	0.30		RR Tracks				
H 110	146.10	0.10		SL for Osceola Ave S				
H 111	146.50	0.40	Turn right at SL for Victoria Ave		1			
H 112	146.70	0.20	Turn left at the stop sign for Jefferson St, before the overpass		1	30		
H 113	147.10	0.40	Exit right onto Ayd Mill Rd after the underpass	EASY TO MISS - PAY ATTENTION!	2	45	curb	
H 114	147.50	0.40		SL for St Clair Ave				
H 115	147.80	0.30		SL for Grand Ave Merge into left lane				
H 116	148.20	0.40	Exit left at the left turn arrows with signs for I-94 West	Stay in left lane	2	30		
H 117	148.30	0.10	Turn left at SL for Hamline Ave		2	30		
H 118	148.50	0.20	Turn right at SL for Summit Ave			20	curb	

LA CROSSE, WI – MINNEAPOLIS, MN

Steps H126 – H134



Steps H122 – H124



Step	Trip	Int	Major Turns/Instructions	Landmarks/Notes	Ln	Spd	Shoulder	Services
H 119	148.90	0.40	Take left fork to follow signs for Summit Ave		1	30		
H 120	148.95	0.05		SL for Snelling Ave				
H 121	149.40	0.45		SL for Fairview Ave	1	30		
H 122	150.00	0.60		SL for Cleveland Ave				
H 123	150.20	0.20	Turn right at the SL for Cretin Ave - turn into the LEFT lane!		2	30		
H 124	150.30	0.10	Turn left at first opportunity onto Mississippi River Blvd	EASY TO MISS - PAY ATTENTION!	1	25		
H 125	151.80	1.50		Stop sign for St. Anthony Ave				
H 126	152.60	0.80	Turn right at the SL for Franklin and SE 27th St		1	25		
H 127	152.90	0.30		RR Tracks				
H 128	153.00	0.10		SL for Essex St				
H 129	153.10	0.10	Turn left at the SL for SE University Ave					
H 130	153.20	0.10		SL for SE 25th Ave				
H 131	153.40	0.20	Turn right at the SL for SE Huron Blvd/SE 23rd Av					
H 132	153.50	0.10		Stop sign - Do Not Enter				
H 133	153.60	0.10	Turn right at stop sign for SE 6th St					
H 134	153.65	0.05	Turn right into Victory parking lot	Congratulations on finishing ASC 2014!				

MINNEAPOLIS, MN – FINISH LINE

