**DAY TWO - Solar Car Driving Miles Available - 123 miles**

**Ardmore Oklahoma to Ponca City, Oklahoma – OK 142, OK 199, US 177, US 77**

**Monday, July 18, 2016**

 D2-p1

 **RACE START**

**Leg 1**

0.0 Cars will leave the Ardmore Convention Center Parking Lot from Centennial Drive. Turn left from

 Centennial Drive going North on North Rockford Road (Centennial Drive)

0.2 Turn right on Veterans Blvd.

1.2 Junction of US 77. Continue on OK 142

2.2 Mt. Washington Road

3.8 Railroad Crossing

4.3 Junction of OK 199. Turn left following OK 199 East.

 Note: Use care! This turn requires the solar cars to make a 120 degree turn as you enter OK 199

11.3 Junction of US 177 and OK 199.

**End of Leg 1**.

Travel past US 177 Junction to the Dickson High School (on left). Turn into Dickson High School

 parking lot and trailer solar cars.

 Return to Junction of US 177 and OK 199 and turn right (North) onto US 177. We will be trailering the

solar cars to the small town of **Stratford, OK**. This will take us through the ***Chickasaw National Recreation Area.*** [See below for details]

**Points of Interest during trailering:**

0.0 Junction of US 177 and OK 199

21.3 **City of Sulphur**

21.4 **Chickasaw National Recreation Area** [ https://www.nps.gov/chic/index.htm ]

21.8 Bison View Point (on left)

22.0 Ranger Station

22.2 Picnic Area

22.4 Stop Sign

22.5 **Chickasaw Visitor Center** on right [Take advantage of these facilities]

 D2-p2

**Preparing to resume the Race**

(1) From the City of Sulphur, continue trailering solar cars 19.5 miles north to the **City of Stratford**. This is at the

 junction of OK 19 and US 177.

(2) There will be a Stop Sign at the 19.5 mile mark. There is a gas station on the northeast corner. Unload your solar

 car and prepare to begin **Leg 2** of today’s race.

(3) This Leg of the event begins at the Stop Sign in Stratford.

Note:  *Prior to Oklahoma statehood in 1907, the town of Stratford existed under different names and was in the Chickasaw Nation in a geographic region known as Indian Territory.*

**RACE LEG 2**

0.0 Stop Sign at Junction of US 177 and OK 19

 Note: This is a flat two lane road with no shoulders

1.9 Cemetery Sign on right

2.3 Use care about road drop-offs

3.8 McClain County Line

 Note: small rolling hills ahead. Some may be very steep.

5.8 Stop Sign

7.0 Steep hill.

 Note: there are no road shoulders here! Use care.

8.1 Use care about road drop-offs

8.4 Small road pull-out if you need repair

10.8 Stop Sign at Junction of OK 3W

 Turn left following US 177 North. This is a good two lane road with shoulders.

 [Note: Some teams may want to begin their 2nd Leg driving from this point]

11.8 Canadian River Bridge – four lane bridge

 Note: back to two lane road with shoulders

13.4 Stop Sign in **Asher City**

 Note: continue to follow US 177

 **Note: there are some steep hills ahead. Some teams may want to trailer through Shawnee**

18.9 Note: use care with road drop-offs

19.9 Salt Creek

 Note: steep hills ahead.

21.3 Uphill

21.7 Uphill

22.7 Uphill – road has no shoulders

23.2 Road has passing lane, but no shoulders

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23.6 Uphill

25.5 Downhill to bridge – this is a two lane road with shoulders

26.0 Little River Bridge

27.6 Road has passing lane for uphill, but no shoulders

28.6 Big uphill, but road has shoulders

29.6 Big uphill

30.3 **Tecumseh City Limit**

32.1 Road narrows to one lane

33.3 Light – Benson Park road

 Road is now four lane divided highway with shoulders

33.8 **City of Shawnee**

 Note: prepare to turn right at next light.

34.5 Light – Hardesty Road

 **Turn right** and drive 0.4 miles to Bowling Center and Ball Fields on right. Trailer solar cars in the parking lot

Leg 2 of today’s race ends at this Light.

**Trailering Instructions**

0.0 Turn right (North) back onto US 177

0.3 Entering the Kickapoo Nation

5.8 Continue following US 177 under Interstate 40

 Note: use care due to merging traffic on right

11.8 Lincoln County Line

14.7 Red Light.

 This is the Junction of US 62 and US 177. Unload solar cars and drive Leg 3 of today’s race

**LEG 3**

0.0 Leg 3 begins at light at junction of US 62 and US 177. Stay on US 177.

 Note: this is a two lane road with shoulders. Small rolling hills ahead

9.1 Hill

 Note: use care with road drop-offs.

11.0 Hill

12.0 Light and Stop Sign

12.3 Spring Creek

12.5 Railroad Crossing (bumpy)

 Note: we are not entering the Iowa Nation

13.7 Hill

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14.6 Hill

15.8 Hill

16.3 Big hill. This is a two lane road with shoulders

 Note: teams may want to trailer

17.4 Downhill

18.1 Bell Cow Creek followed by an uphill

19.9 Note: road changes. There are no shoulders in the small City of Carney

21.2 Downhill.

 Note: use care on this downhill due to road drop-offs and bumpier road

22.6 Brief shoulder

22.9 No shoulders

23.7 Hill

24.8 Better road

25.0 This is still a two land road with no shoulders.

17.1 Hill

27.9 Travel Plaza (on left)

29.5 Road has shoulders

29.8 Payne County Line

 Note: road improves

30.8 Dugout Creek

31.2 Cimarron River

31.9 **City of Perkins**

32.3 Stop Sign

32.6 Light. This is four lane undivided road

33.1 US 177 turns left at Light.

 Note: this is a four lane undivided road with shoulders.

 Move to right lane. US 177 will turn right at the next light.

34.0 Light. Turn right following US 177.

 Note: this is a five land road with shoulders.

40.7 This is a four lane road with no shoulders as we enter the **City of Stillwater**.

42.4 Railroad Tracks

 Note: we will be trailering solar cars at upcoming Phillips 66 Station on right.

42.8 OnCue Express – Phillips 66 Station on right. **Trailer solar cars.**

Intersection US 177 and 6th Street

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**Trailering Instructions**

0.0 Turn right (North) back on to US 177 from Phillips 66 Station in Stillwater.

4.0 Turn left following US 177

5.0 Light. Turn right following US 177. This is Washington Street.

6.1 Untrailer solar cars for Leg 4.

 Note: this is a two lane road with shoulders near the Turnpike

**Leg 4**

0.0 This is a four lane road with small shoulders

0.4 Driving under the Cimarron Turnpike.

Note: Road becomes two lands with shoulders.

3.0 Long Branch Creek

3.8 Noble County Line

6.1 Tower on the right

6.8 Red Light and Stop Sign

7.8 Railroad Crossing

8.2 Spring Creek

 Note: road is still two lanes with shoulders

13.1 Traveling over turnpike

13.3 Road becomes bumpy after turnpike, but smoother road ahead

18.1 Bumps at bridge

20.7 Red Rock Creek

 Note: We are now in the Otoe-Missouri Indian Nation

21.6 Note: We are now in the Ponca Indian Nation

26.3 Salt Fork River

27.5 Uphill

28.0 Road becomes four lane divided highway with shoulders

32.2 Railroad Crossing

33.4 Light. This is the Junction of US 177, US 77, and US 60.

 We will be following US 77 north into Ponca City

34.4 Light, followed by uphill.

 Note: There is a Conoco Station on the right after the light. **Trailer solar cars here.**

**Trailering Instructions**

(1) Turn right on US 77 from station. You are traveling North.

(2) Note Pioneer Woman’s Museum on right

(3) You will be traveling approximately 3 miles on US 77 to Prospect Ave in **Ponca City, OK**

 Turn right to Holiday Inn Express

(4) Solar Cars displayed at the University Center located on the southwest corner of US 77 and Prospect Ave