

Watkins Glen International



- 3.4-mile road course, opened in 1956
- Fast, hilly track
- Walls are close, intimidating
- Historic: Formula 1, TransAm, Champ Cars, World Sportscar Championship, Can-Am, Formula 5000, NASCAR, IndyCar, Grand-Am

www.theglen.com

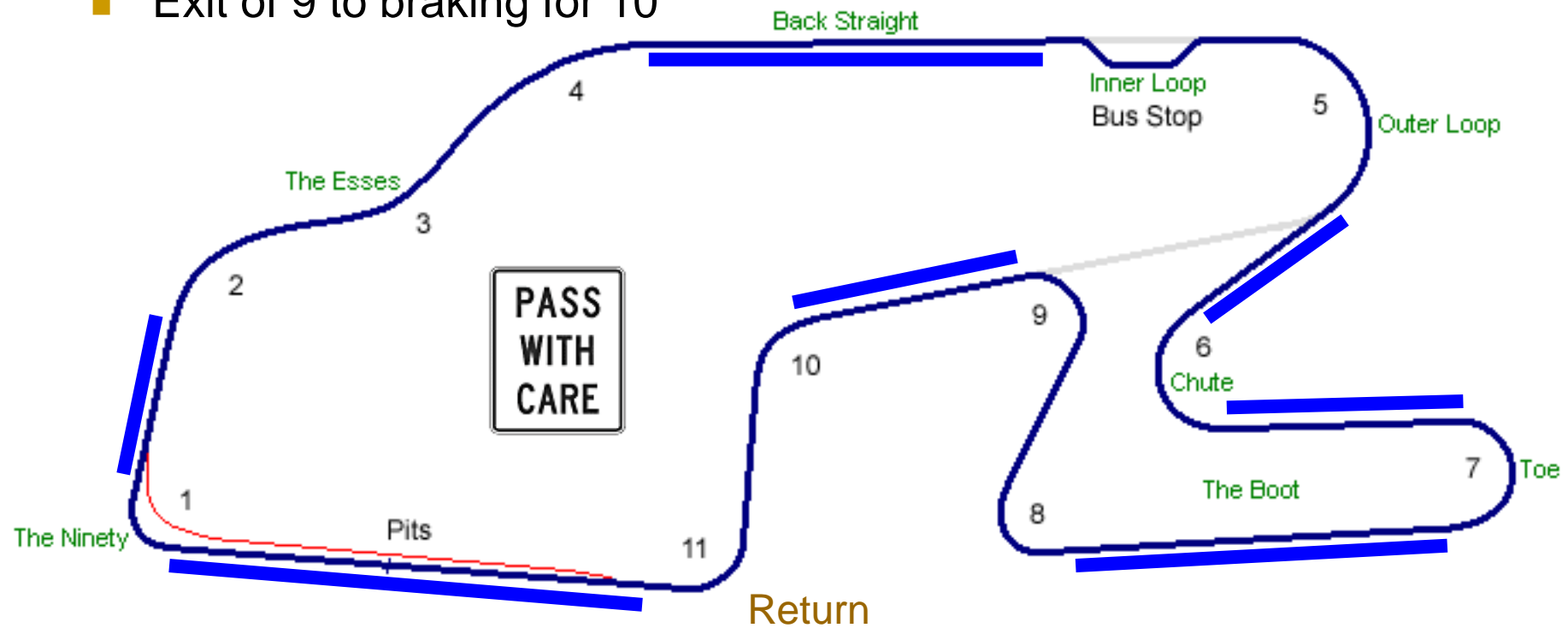


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Passing Zones – Watkins Glen



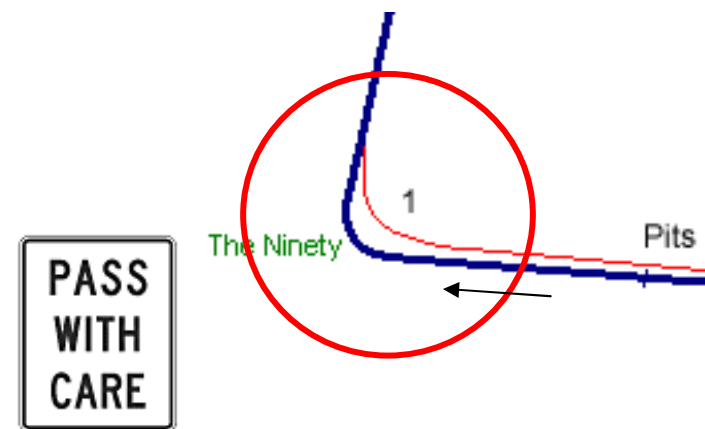
- Exit of 11 to braking for 1 (Front straight)
- Exit of 1 to braking for 2
- Exit of 4 to braking for Bus Stop
- Exit of 5 to braking for 6
- Exit of 6 to braking for 7
- Exit of 7 to braking for 8
- Exit of 9 to braking for 10



Turn 1



- Fast, downhill
- Paved runoff
- Use all the rumble strips
- Lost of paved runoff
- For many cars, exit speed carries all the way to the bus stop – extremely important!



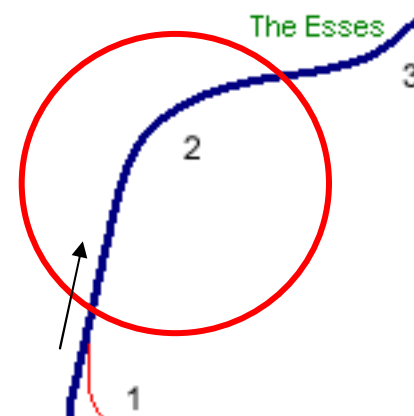
What's Wrong With This Picture?



Turn 2



- Very fast
- Flat for most cars – no track out
- Watch cars entering track on right
- Note concrete through apex



What's Wrong With This Picture?

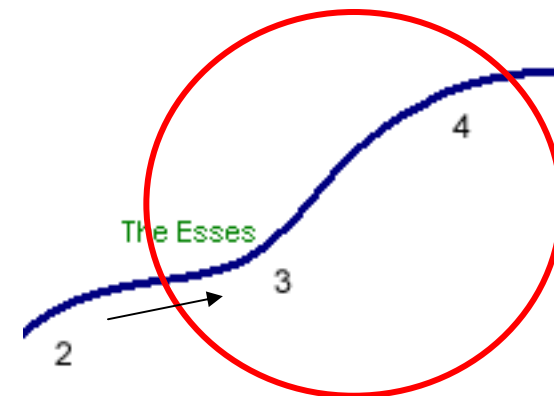


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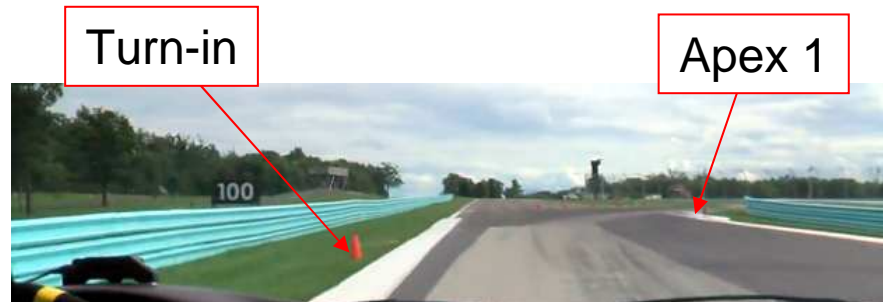
Turn 3-4 – the Esses



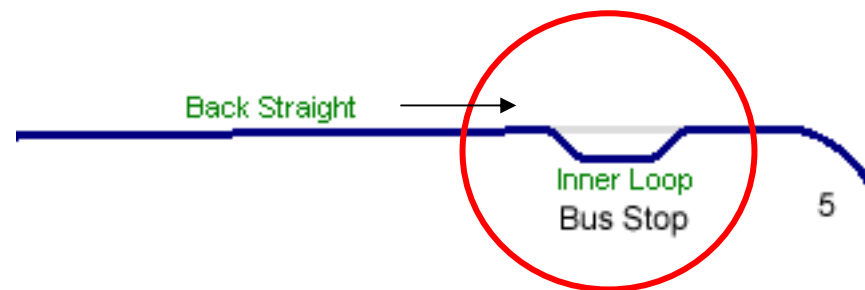
- Flat for many cars
- Straight line as much as possible
- The more you turn the wheel, the more it slows you down



Bus Stop Chicane



- Medium-fast sequence
- Use the curbs
- Trail-braking is common here
- Keep the car settled in first part so it turns well for second part
- At exit, keep turning for Turn 5



Turn 5 – the Loop

- Long, banked, bumpy, downhill
- Early apex for momentum cars
- No runoff
- Scary fun!



Turn-in



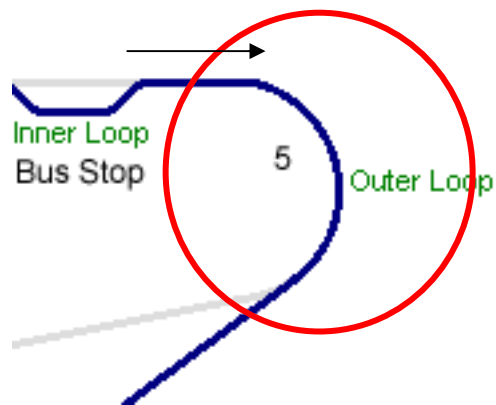
Apex



Track-out



NASCAR
Only!

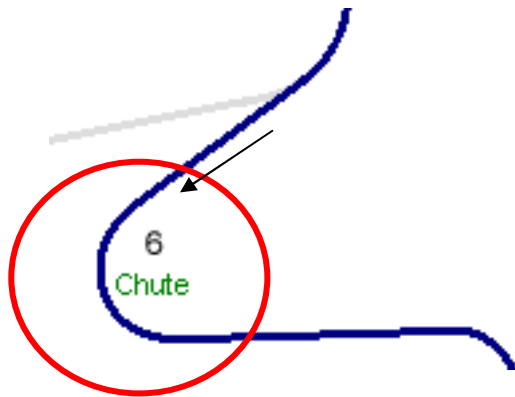


PASS
WITH
CARE

Turn 6 – the Chute (Laces)



- Fast, downhill
- Blind apex, very late
- No runoff



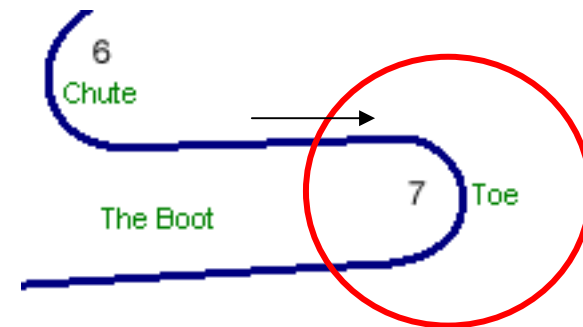
What's Wrong With This Picture?



Turn 7 – Toe of the Boot



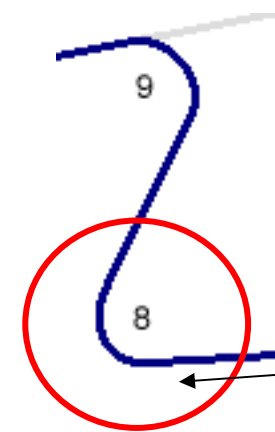
- Medium speed
- Long and steeply banked
- Braking zone turns upward – extra grip
- Very late apex
- Earlier apex for momentum cars
- Use extra track at track-out



Turn 8 - Heel of the Boot



- “Normal” corner
- Medium-speed
- Banked at apex
- Note concrete through apex



Turn 9

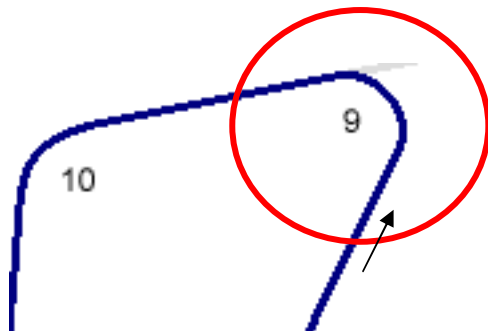
- Crest at entry
- Medium speed, long corner
- Blind apex
- No runoff



Turn-in



Apex



Track-out

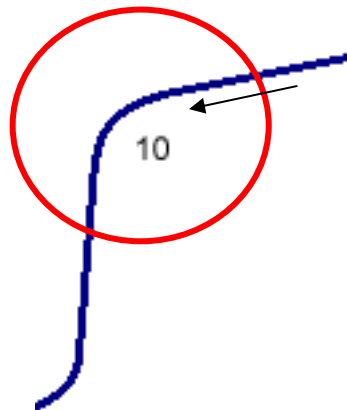
PASS
WITH
CARE



Turn 10



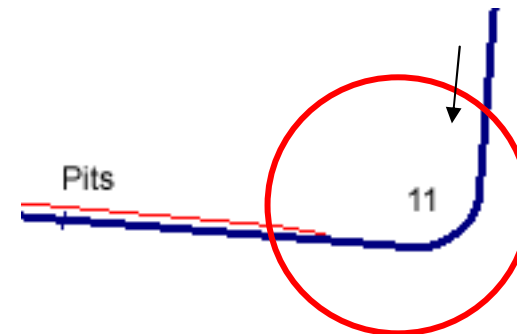
- Fast, slightly banked
- Note concrete through apex
- Paved runoff
- Flat in momentum cars
- Use exit curb
- Keep turning to set up Turn 11



Turn 11



- Watch for cars entering pits – they are on your apex
- Fast corner
- Note concrete through apex
- Light braking only
- Slightly banked
- Exit speed carries down front straight
- Use exit curb



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