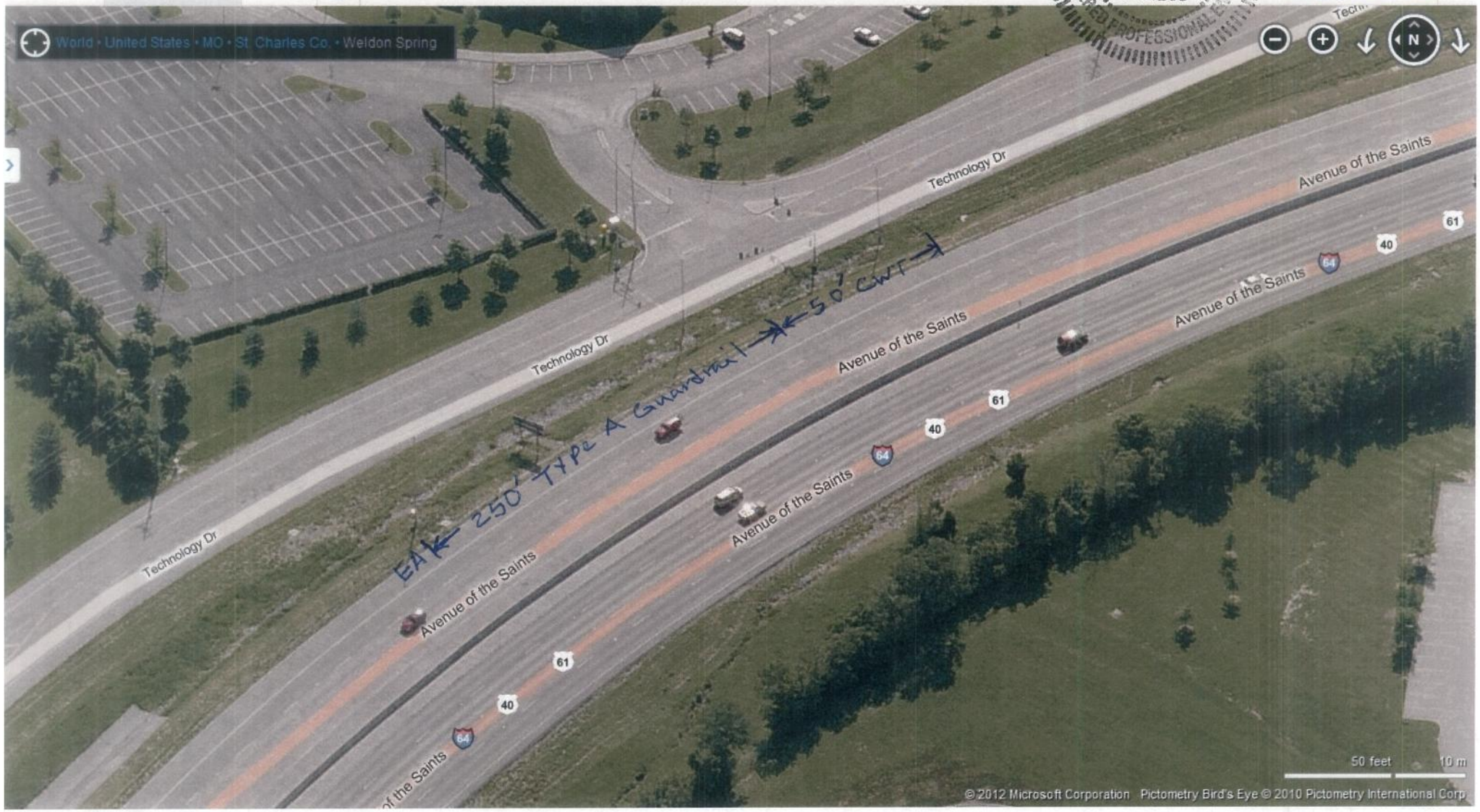
Proposed Guardrail Location for CCTV Camera Pole
on WB I-64 east of Route 94
St. Charles County, MO.

STATE OF MISSOURI
DAVAR DIVANBEIGI
NUMBER E-24295
REGISTERED PROFESSIONAL ENGINEER

2/8/2012



EA = End Anchor
CWT = Type 'A' Crash Worthy Terminal

70 mph Design
13' shoulder width
22' from edge of shoulder to face of CCTV foundation
3' diameter CCTV post foundation

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Guardrail Length of Need...UNTITLED.GRD

File Settings Help

Traffic Speed: 70 + mph

Traffic Volume: 6000 +

Slope Type: Fill 4:1 - 5:1

Approach Barrier Type

- (•) Parallel
- ( ) Flared
- [ ] Opposing Traffic

[ ] Bridge

[x] Curve Radius 1910 ft

Note: Select the Curve Radius mathematically closest to the radius of your curve. If your curve radius lies half way in between, select the larger radius

Barrier Data

Lateral Extent (La):	35	ft
Lateral Distance (L2):	13	ft
Runout Length (Lr):	475	ft

Guardrail Stationing

(•) Ascending ( ) Descending

Start Station:

Anchor Sect. Station:

Transition Sect. Station:

End Station:

Reset | Calculate

- DIAGRAM -

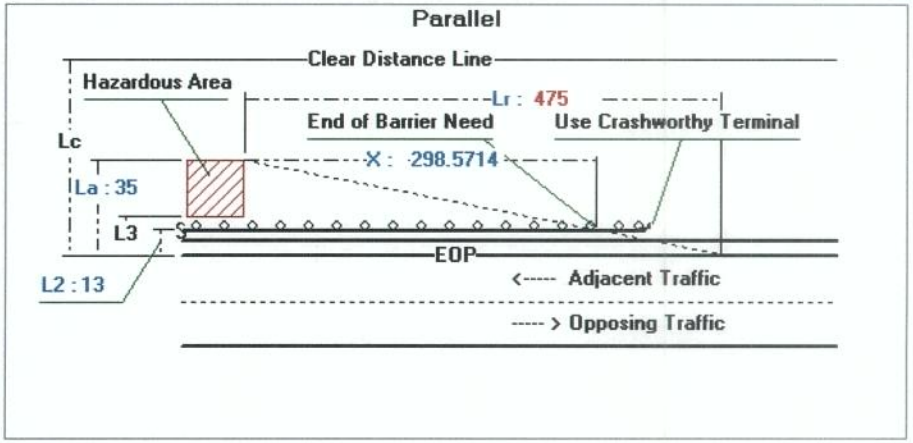
Output Data

X 298.5714	ft	Clear Zone (Lc)	53.2 - 64.4	ft
		Type A Length of Need	300	ft
		Bridge Anchor Section		ft
		Transition Section		ft

STL Gateway Guide ITS ...

sandbox.ac... - Shortcut

Approach Barrier Layout



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