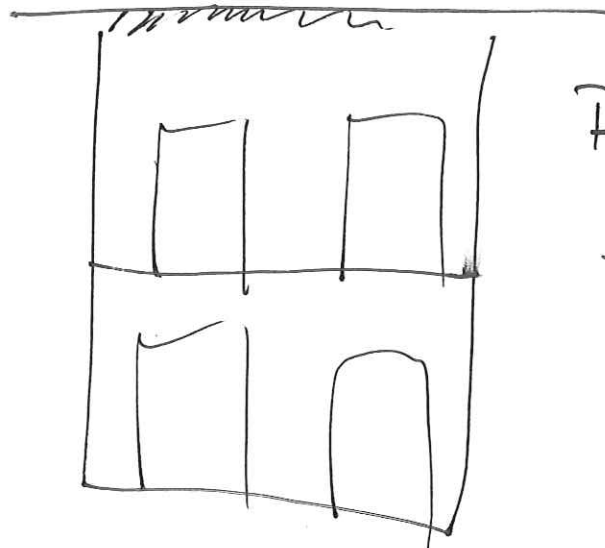
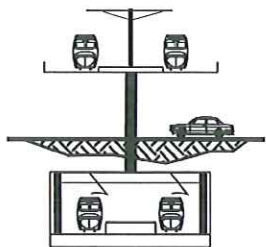
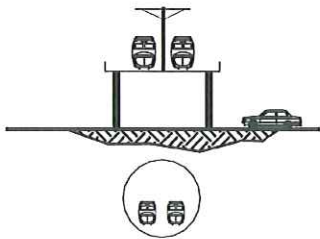
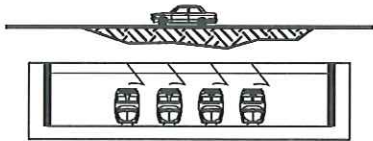
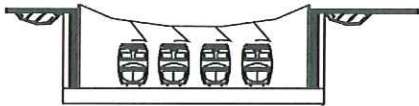
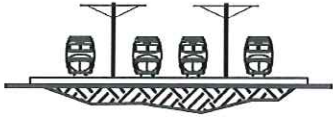
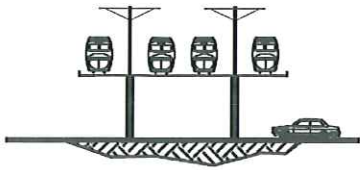


Double track cut/cover box
w/ a double track in tunnel

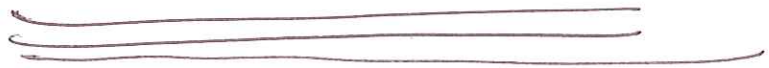


Double decker
Covered
Trench

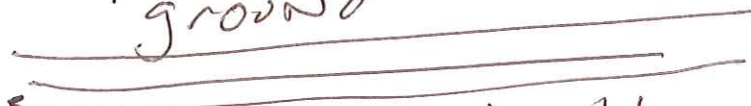


1st choice

67' Right of way



Double Track cut
& cover all under-ground!



Box with double
track in tunnel



COMBINATION

DOUBLE TRACK CUT / COVER BOX

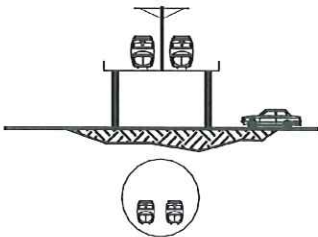
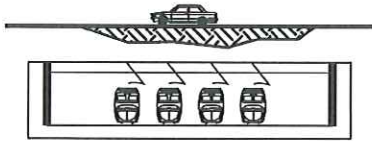
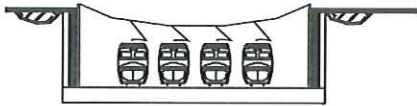
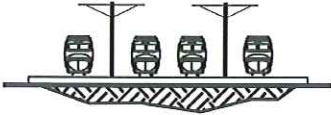
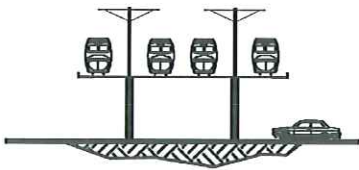
DOUBLE TRACK IN TUNNEL

SHEET # 11 OF 24

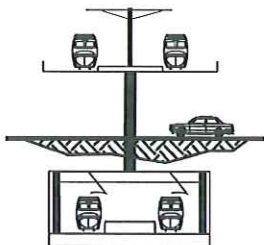
ON COMBINATION

DRAFT TYPICAL SECTIONS

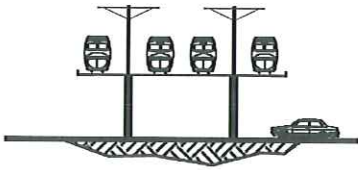
HSRA DOCUMENT OF 3/24/16



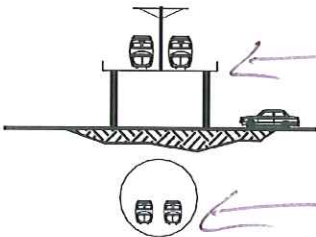
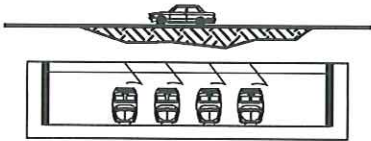
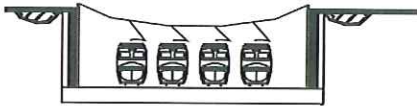
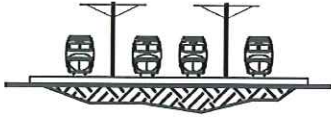
1) DEEP TUNNEL IS BEST OPTION



Group 3



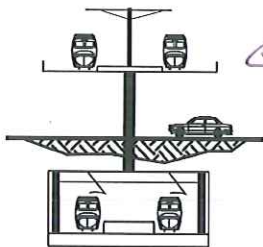
← RED



← RED

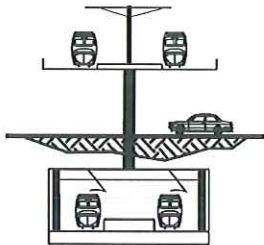
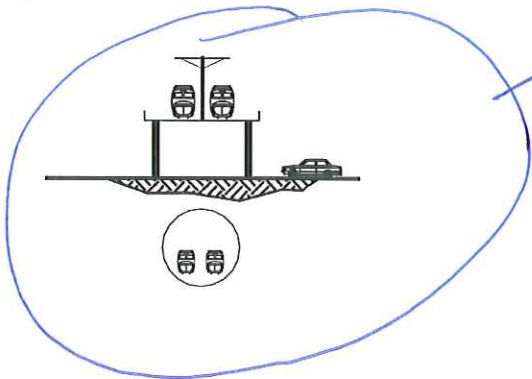
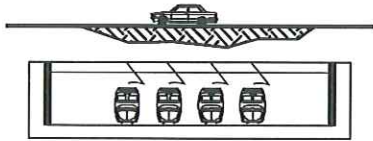
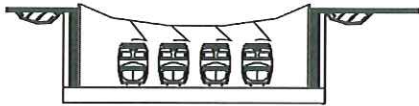
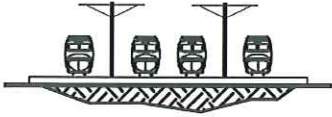
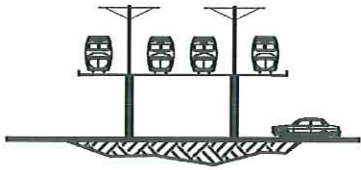
← GREEN

- COMBO!
- HSR IN TUBE/TRENCH
 - CAL IN TRENCH, STACKED
 - ~~OR MAKE GRADE SEPARATION WORK~~
 - IN ALL SECTIONS.



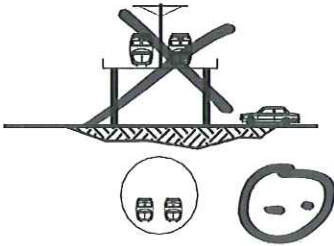
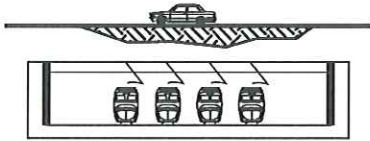
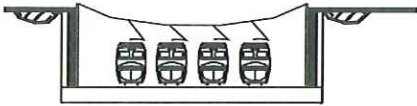
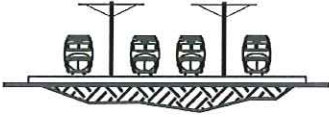
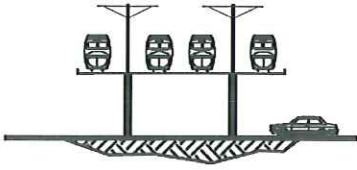
← RED

Group 3



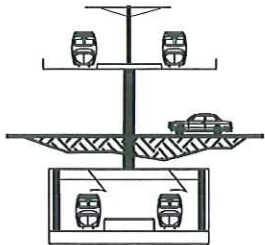
1st choice
deep tunnel.
but with Caltrain in
covered trench or
at grade. with
grade separations as
needed (road under
preferred)

GRP # 4

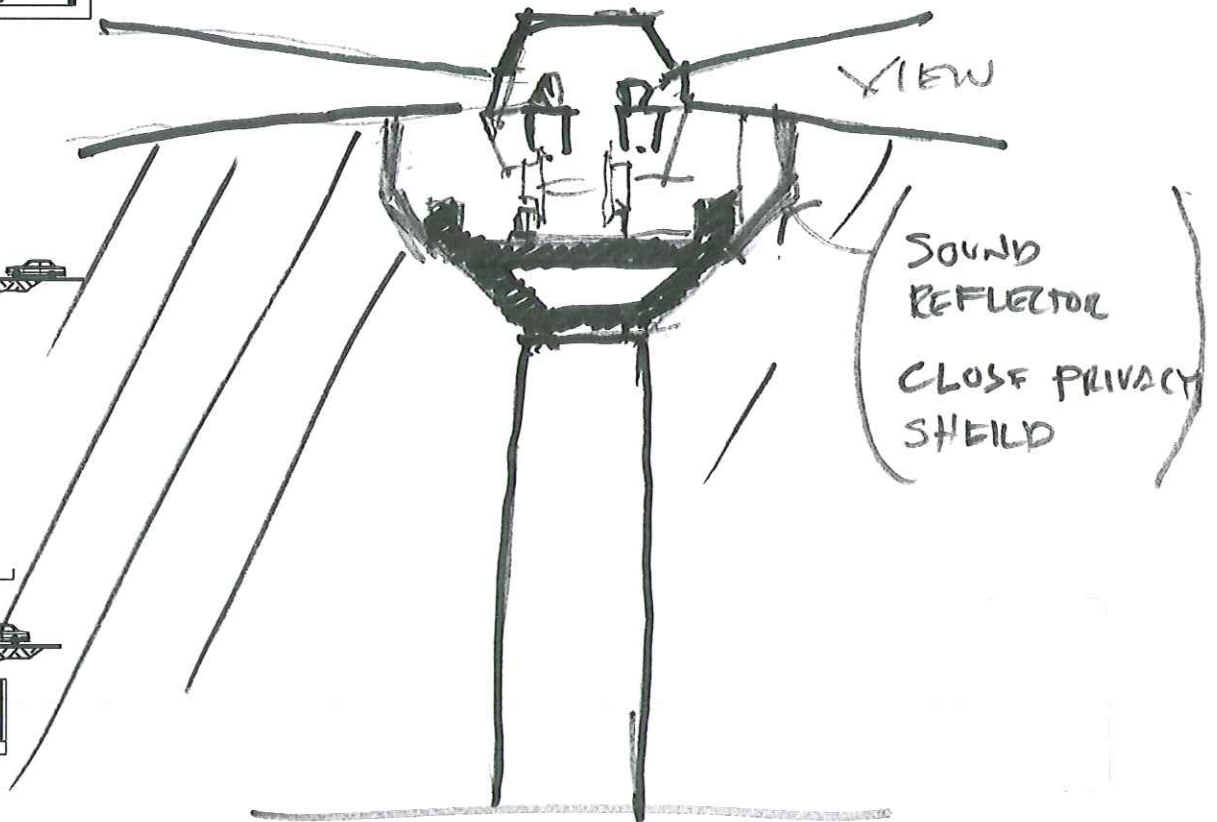
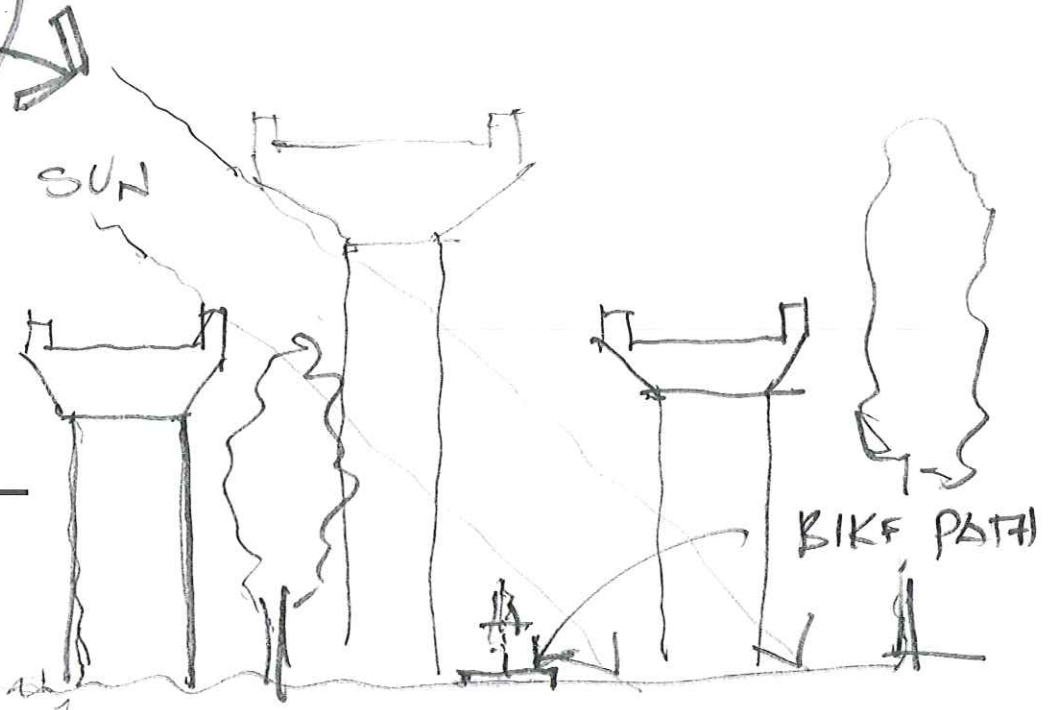
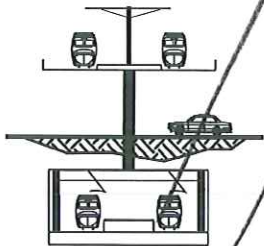
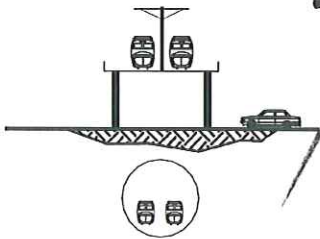
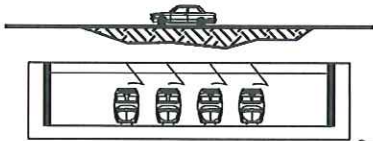
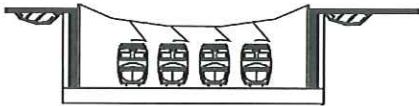
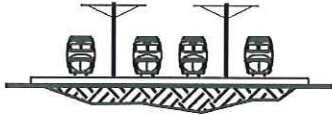
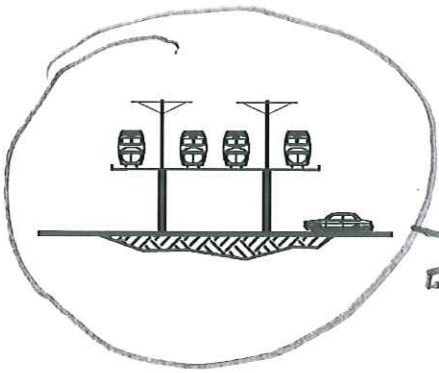


Everything in Tunnel.
except at Reduced
Junction.

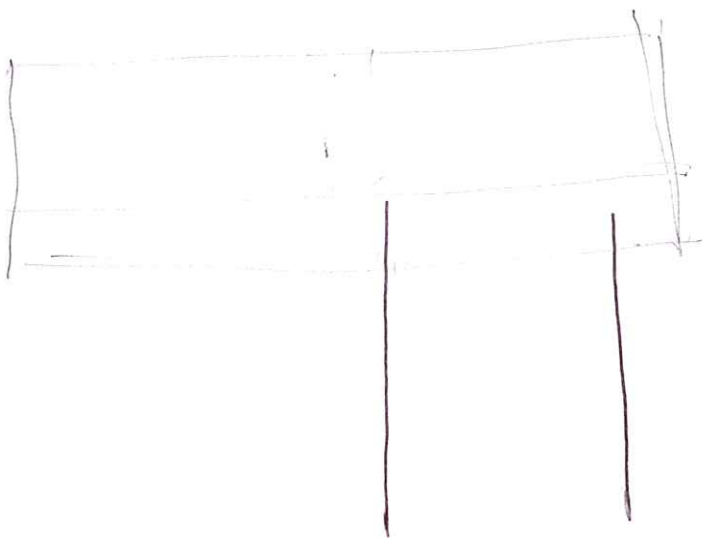
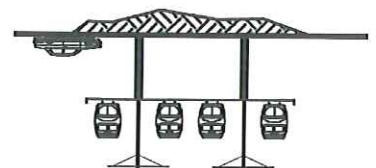
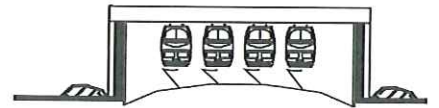
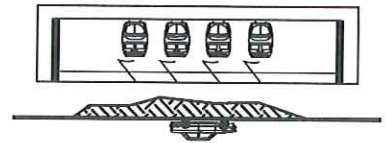
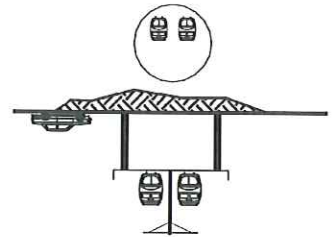
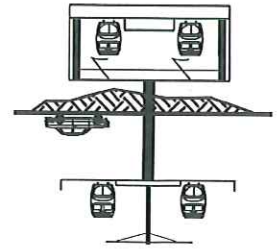
(No Disruption)?



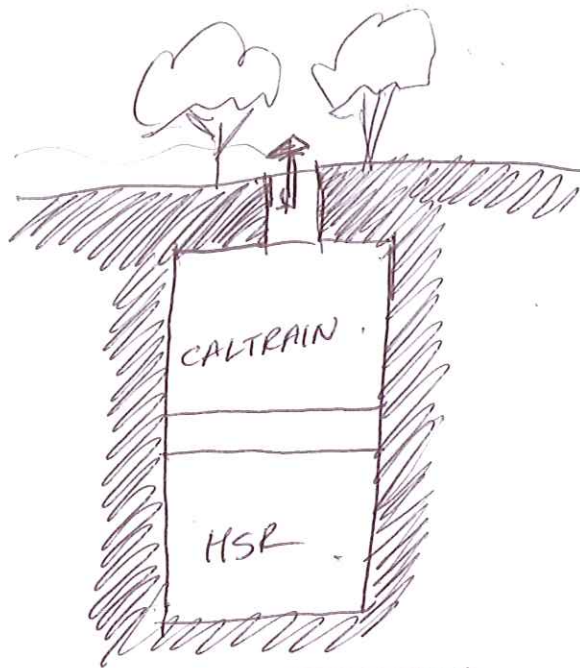
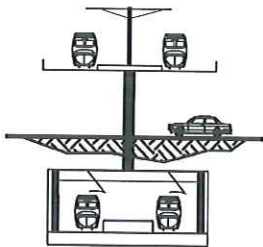
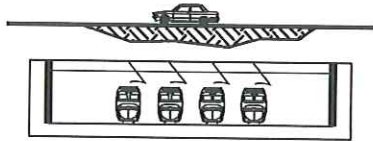
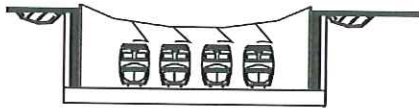
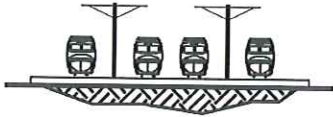
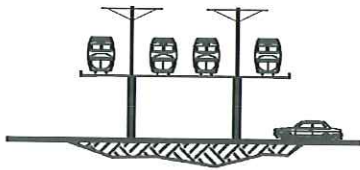
Grp # 4



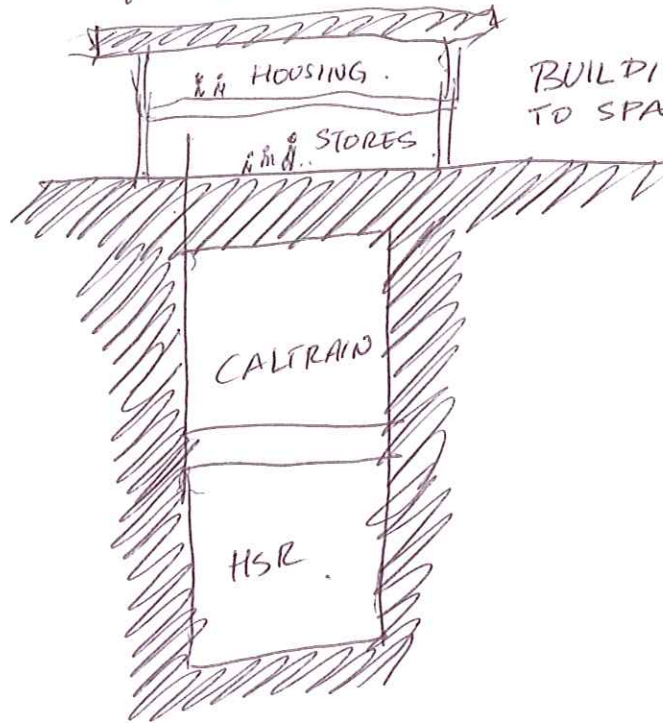
Group 5



Group 5



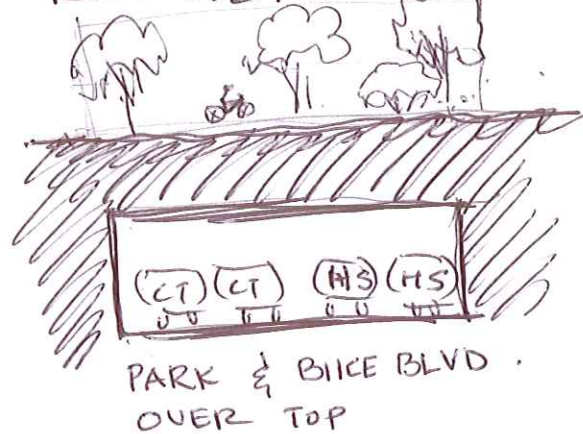
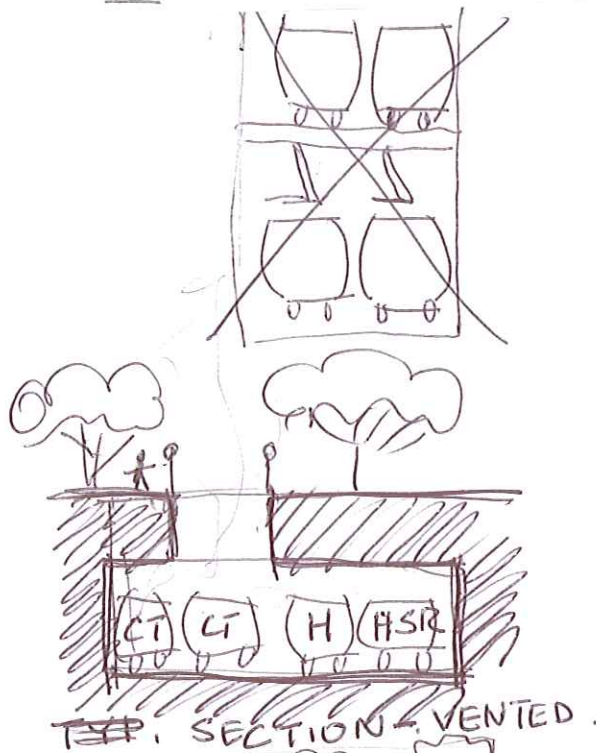
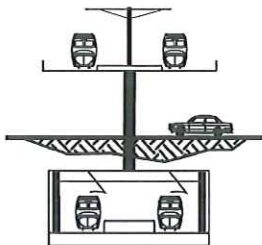
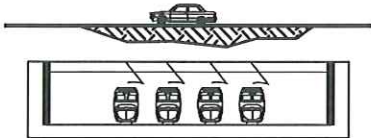
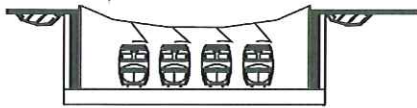
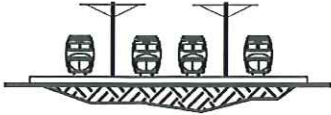
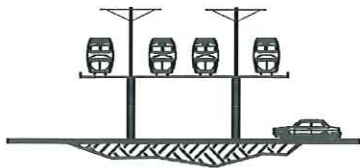
STACKED TRACK
CUT &
COVER



BUILDING
TO SPAN ACROSS R.O.W.

Group 5

report out



* 110' *

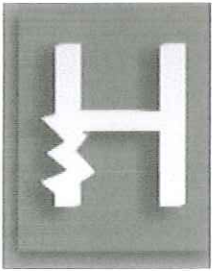
USE SOME LAND FOR
MIXED USE NEAR STATION
HOUSING BETWEEN STATIONS.

CUT & COVER

1

2

3



my ALTERNATIVE

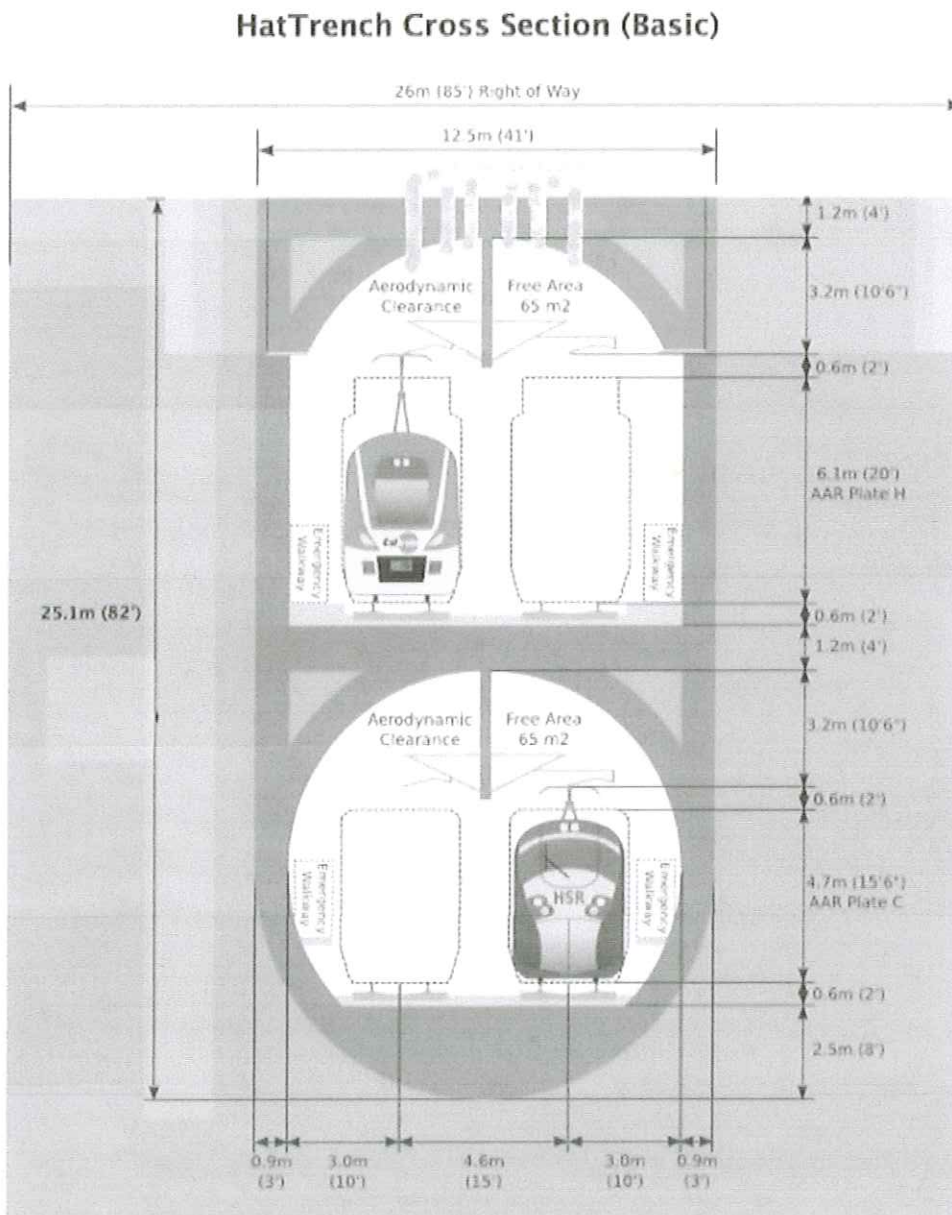
Published on *HatTrench* (<http://hattrench.com>)

[Home](#) > HatTrench Concept Drawing

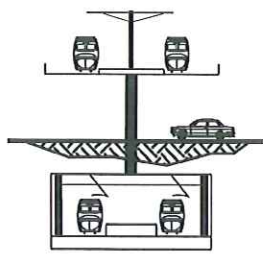
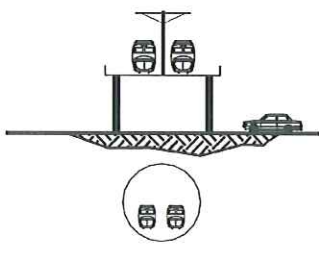
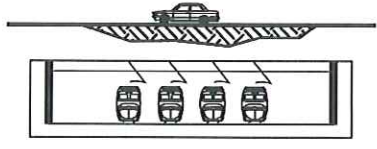
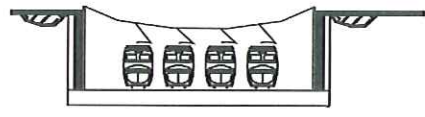
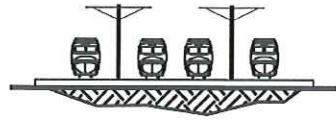
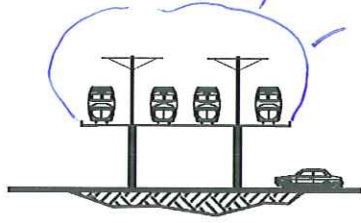
By *admin*

Created 05/05/2010 - 17:24

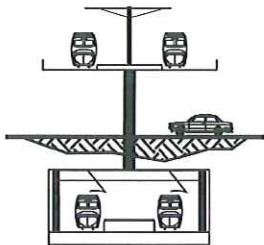
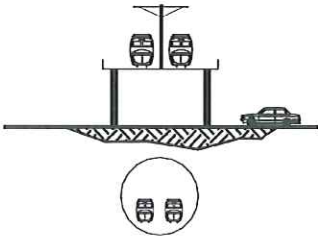
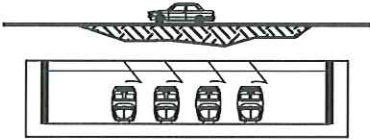
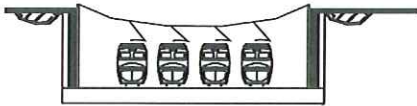
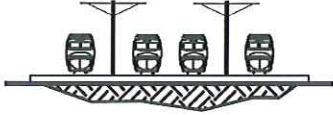
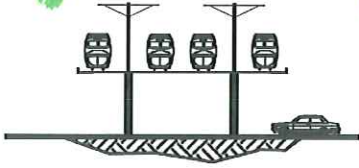
HatTrench Cross Section (Basic)



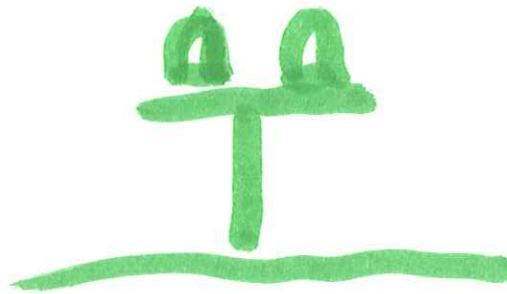
translucent glass?
covered aerial
to keep sound/noise from
reverberating through neighborhood.



Groups 6



option
A



option
B

Row not
with
Caltrain
ROW

Groups 5

Most discussion around
Aerial & Trench.

Advantages of Aerial
allows for freedom of movement
& land use does not divide
city

Trench seemed most
feasible

Concern about noise

