



USE OF VSL IN CONSTRUCTION ZONES

# Variable Speed Limits in Work Zones:

Where we are  
Where we are going

Sub # 349



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## Goal:

- To ensure that the work zone is clearly marked and that the speed limit is clearly indicated to the driver. This is done by using advance warning signs, speed limit signs, and variable speed limit signs. The goal is to ensure that the driver is aware of the work zone and the speed limit before entering the work zone.



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# Concerns

- Wud iif # xhx lqj
  - 4 ; 33 # h k 2 k u d q h # h d w y h q # d w e # o r z # i m
- Vshhg # d u p r q l d w r q
  - O l w # r q f h u q # q w d g h y d w r q # u n d w u # k d q # 8 p s k # u r p # h g b q # v s h h g #
- Hqirufhp hqw
  - V | w h p # r j v # h # v s h h g # k d q j h g
  - G r f x p h q w # r f d w r q # i g h y f h



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# PVSL Candidate Projects

- S u p d u | # d q g b d w h # S u r m f w =
  - 7 # d q h # y l b h g # 2 # q g l y b h g # r d g v #
  - K l j k # v s h h g # 8 3 p s k # ,
  - S u r m f w # l k # p s d # h r p h w u h v
  - H { d p s d
    - U r d g z d | # h v x u i d f l j #
    - V o l e # h s o f h p h q w
    - S d w f k l j j





## USE OF VSL IN CONSTRUCTION ZONES

# VSL: Poor Boy System

D#P duj hqda/ Vp duwz run# rqh

- We have done 7 projects to date with PVSL
  - 5 more planned for this summer
- No detection
- Field crew changes speeds per TEO
- There is data collection



## USE OF VSL IN CONSTRUCTION ZONES

# Poor Boy - Success Stories

- Ehdyhu# U gjh# d e h j # d d q h
  - Ohl# r q g h # q g # z # q g h
  - Ru h j h q d # r v w h # 3 p s k
  - G u r s # u # 8 # s k # i v # u r q w # i # ]
    - ; 8\* s h u f h q w # i # : # s k # i q g # 3 # s k
  - 7 8 p s k # i a r z h g # v x f w u h # r u n
    - ; 8\* s h u f h q w # i # 4 # s k
  - V s h h g # d u p r q j d w r q # 2 0 4 5 p s k



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## VSL: Where we are going

- IKZ D#D 5# udqw#
  - Dz dxyhg# hfhp ehuf347
- Srwdeh#lqg# | qdp If# | vwhp
  - d#xh#p dwz run}rqh





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### Needs of a PVSL System:

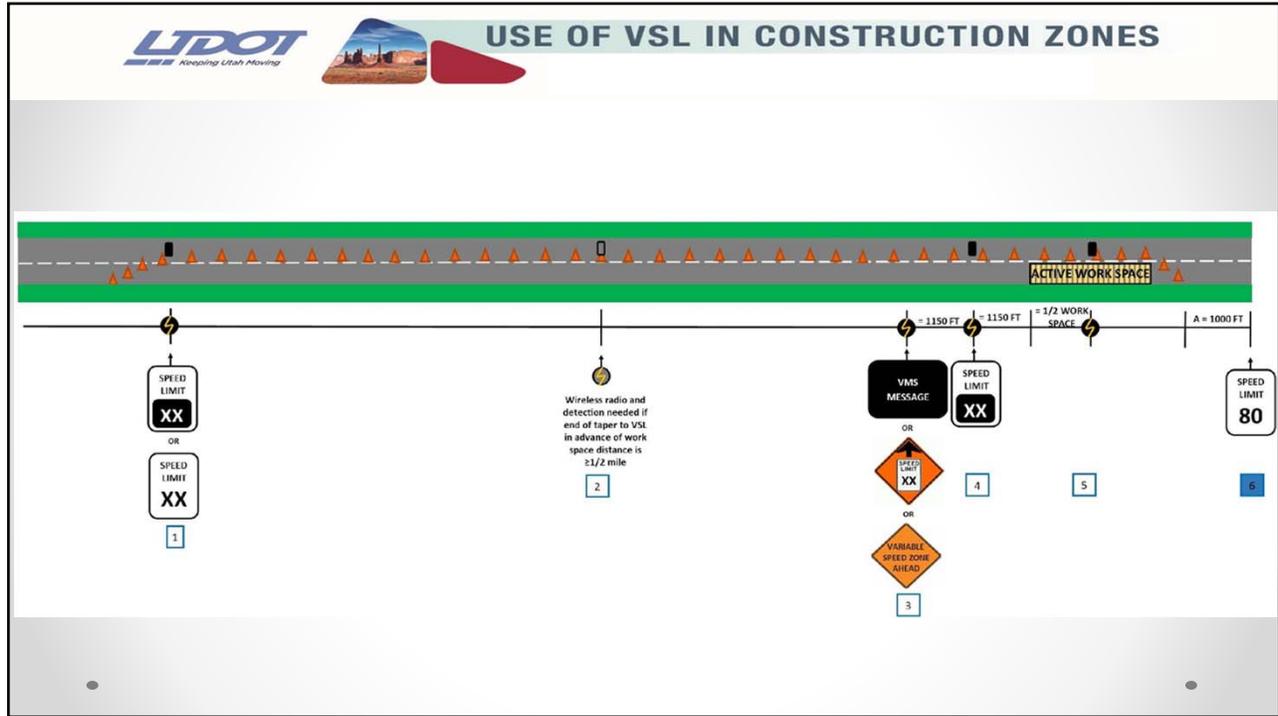
- Dgnxw#vshhg#p lw#dvhg#r#gjhwhfwg#vshhg#2txhxh
- Surygh#hdw#p h#gjhwhfwg#r#ru#diilf#vshhg# #ffxsdqf|#txhxh#
  - Wkurxjk#DFWYH# run#sdfh
  - Ig#gydqfh# #kh# run#sdfh
- Surygh#gydqfhg#r#wilfdwrg#r#guyhw#d#erxw#d#dubed#vshhg#p lw
- Surygh#wdyh#p h#ru#diilf#g#hø|#kurxjk#kh# run#rgh



## USE OF VSL IN CONSTRUCTION ZONES

### Technologies

- Srwdeh#YVO#SYVO#r#ljqv
- Srwdeh#dubed#p hvvdjh#r#ljq#SYPV#
- P d#h#vshhg#p h#gjhwhfwg
- Z lhdvv#r#p p xq#fdwrg



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## Contact Information

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