

Meeshaa Pirojeektii Lukaan-Demtota

2021 Kan Harome

Pirojeektota Lukaan-Deemtota fi Ollaadhaf

Meeshan kun tooftawwan injinaring Dameen Geejjibaa Siyaatil daandiiwwan caalan naga qabeessa fi lukaan-deemtotaaf mijaawaa taasisuuf fayyadaman ibsa.

Foyya'insawwan Nageenyaa

-   Balaawwan Lukaan-deemtota irraa Xiqqate
-   Balaawwan Xiqqaate
-   Balaawwan Marfataa Xiqqaate
-   Saffisa Xiqqaate
-   Dursa-kennuun Konkolaachisaa Dabale

Baasii Tilmaamame

-  < \$20,000.00
-  \$21,000.00 - \$100,000.00
-  > \$100,000.00

Argachuu Danda'u

-  Ijaarsa-bu'uraa ADA

Gabatee-sagantaa Dhaabbii

-  Waggoota 0-1
-  Waggoota 1-3
-  Waggoota 3 +

Odeeffannoo dabalataa: www.seattle.gov/transportation/pedestrian irratti argadha



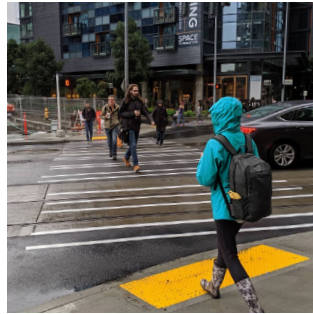
Seattle
Department of
Transportation

Meeshaa Pirojeektii Lukaan-Demtotaa: Qaxxaamurootaa

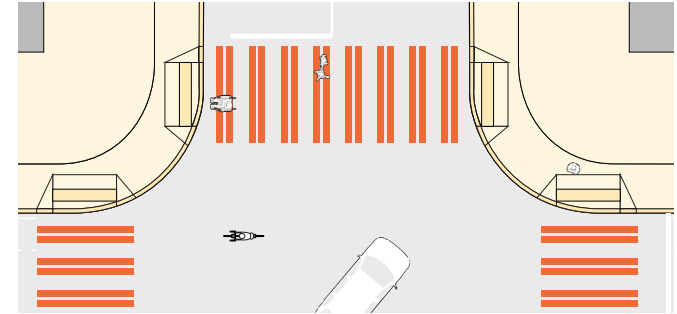
Mallateessituu Qaxxaamura-Lukaa



- Bakkeewwan qaxxaamuraa deddeebi'an fi konkolaachiftoota damaqsa
- Baasii dabalataatin hojii-artii hawaasan karoorame dabaluuun ni danda'ama
- Kan dabalatu mallattoowwan dhabbii konkolaataa dangessu faana 20 - 30 qaxxaamuraa lukaa irra mul'ina fooyyessuuf



8th Ave & Westlake Ave



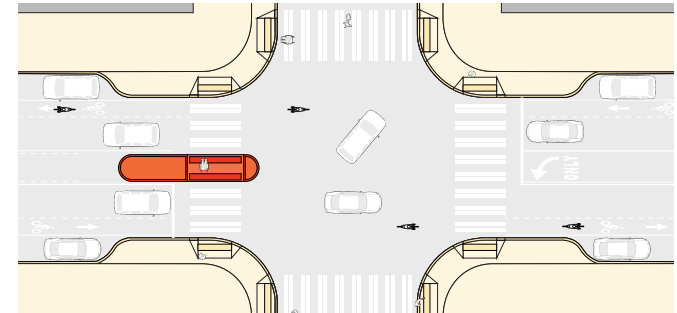
Odoola Dawoo Lukaan-Deemtotaa



- Bakka tikfamaa lukaan-deemtotaaf akka cinaa daandii qaxxaamuranii anga naga qabeessa anga ta'utti eegan qaxxaamuruuf Hafte
- Daandiiwwan sarara marfataa gidduu ykn sarara dhaabbii konkolaataa irratti fayyadama



Boylston Ave E & E Olive Way



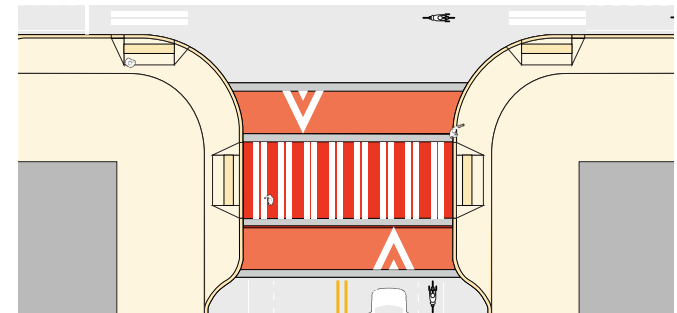
Qaxxaamura-lukaa Olka'aa



- Konkolaachistoota lukaan-deemtotaaf kan damaqsuu fi saffissaa konkolaatotaa qaxxaamura-lukaa mallata'e olka'a ta'een hir'isa



8th Ave



Meeshaa Pirojeektii Lukaan-Demtotaa: Xiyyoo Daandii fi Karaa Lukaa Cinaa Daandii

Karaa-lukaa-daandii-cinaa ykn Mogga Daandii



Ulaa Daandii Baasin isaa Madaalawaa

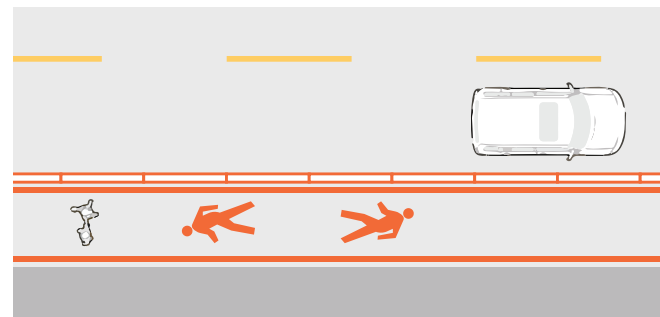
- Bakka lukaana-deemtota konkolaatota irra adda-baasa, kan dabalatu danda'u dibaa, xiyyoo, muka-dhaabuu, fi waantota daandii irra hafaman.

Daandii-lukaa cinaa Aadaa

- Lukaana-deemtota konkolaatota irraa adda-baasa karaa olka'aa ulaa daandii dhakaa, xiyyoo, fi sarara dhaabbii mukaa tin.



N 113th St - Ulaa Daandii Baasin isaa Madaalawaa



Ulaa Daandii Baasin isaa Madaalawaa

Ampulii Xiyyoo Daandii



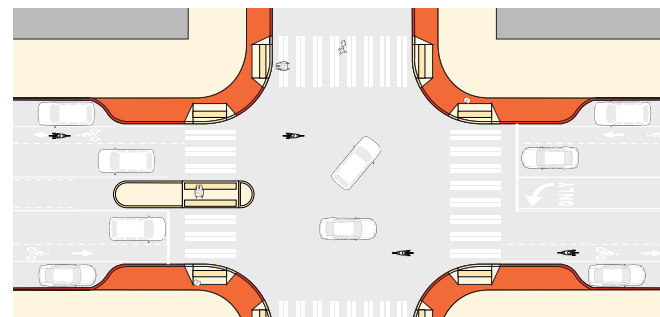
- Fageenya daandii qaxxaamuruuf barbaachisu ni gabaabsa
- Lukaana-deemtota qaxxaamuruuf eega jiruuf mul'ina fooyyessa
- Daandiiwwan sarara dhaabbii konkolaataa qaban irratti fayyadama

Kan Olka'e: caalan qaalii, karaa lukaa daandii cinaa

Kan Dibame: rakasha, hojii-aarti dabaluu ni danda'a



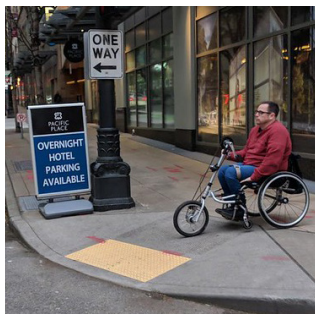
24th Ave S & E Yesler Way



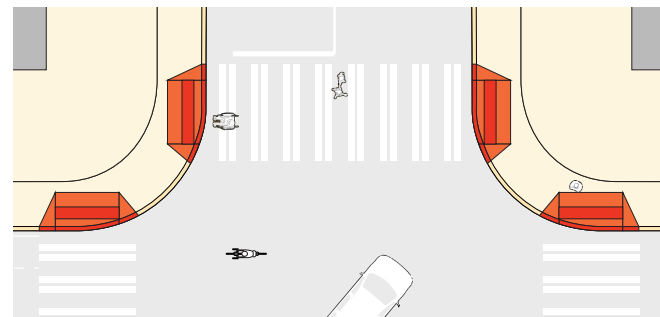
Xiyyoo Daandii Irraa Ba'umsaa



- Lukaana-deemtotaaf garaa cinaa daandii dhiyeessa meeshawwan sosochii fayyadamuun
- Karaa Sagantaa SDOT ADA tiin hawaawan gaafatamuu ni danda'a



7th Ave & Olive Way



Meeshaa Pirojeektii Lukaan-Demtota: Mallattoowwan

Mallattoo

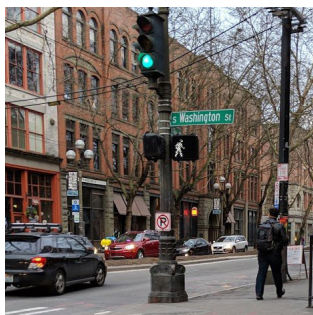


Mallattoo Guutuu

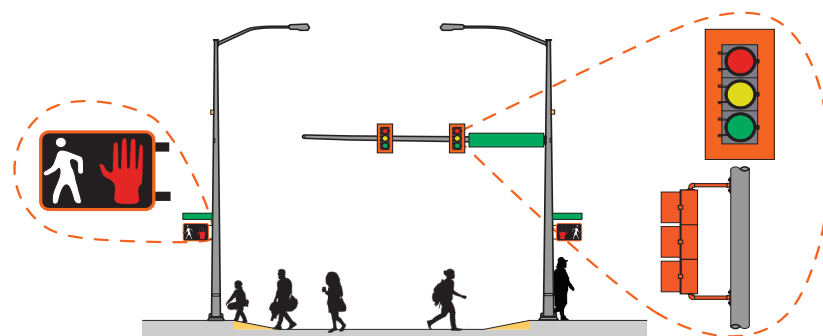
- Qaxxaamura irratti sochiiwwan konkolaataa fi lukaan-deemtota mara to'ata

Mallattoo Cinaa

- Daandiwwan imalootni irratti konkolaatota dhaaba lukaan-deemtota akka qaxxaamuran eeyyamuuf



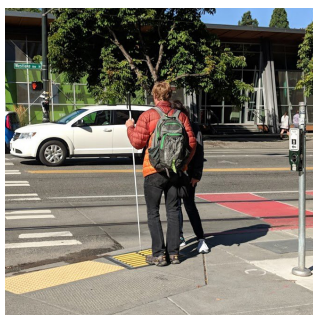
Pioneer Square



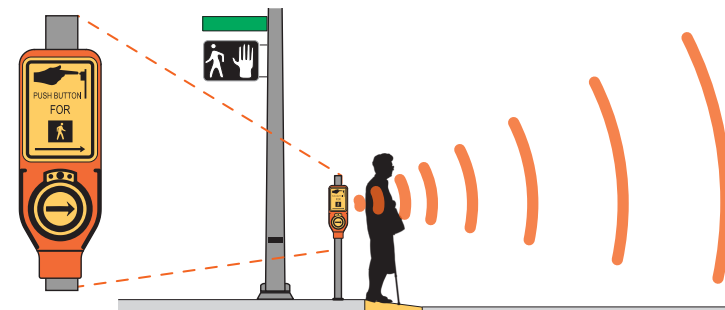
Mallattoo Lukaan-Deemtota Qaqqabamu



- Mallattoon deemii ifu ykn dhaamuu isati agarsiisa, - akkasumas bakkee qaxxaamuraa, mallattoo fi sagalee warra arguu hin dandeenyef, xiqqaan arganiif, fi jaamaa ta'an hanqina qaamaa biroo wajjiniif mallattoo kenna
- Karaa Sagantaa SDOT ADA tiin hawaawan gaafatamuu ni danda'a



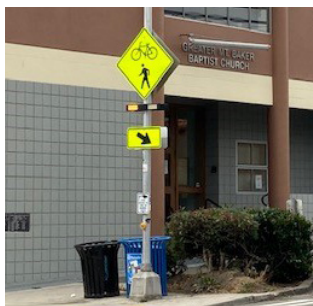
Westlake Ave N & Denny Way



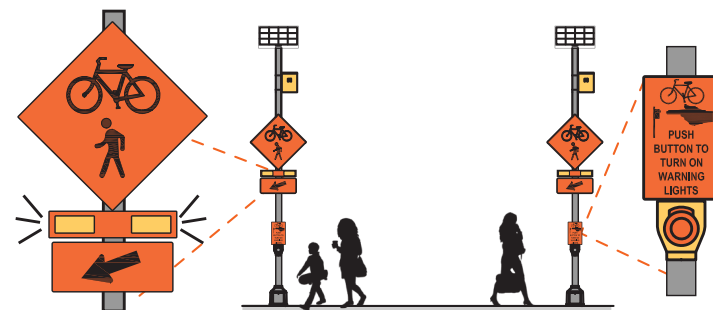
Ibsaa Qajeelchaa Saffisaan Cacalalaqisu (Rapid Flashing Beacon)



- Ibsaawwan cacalalaksan kan yeroo lukaan-deemtota ykn warri saayikilii oofu daandii qaxxaamuruuf furtuu xugan qofa ifu
- Konkolaachistoota waan lukaan-deemtonni ykn warri saayikilii oofu godhan tti damaqsa



25th Ave S & S Jackson St



Meeshaa Pirojeektii Lukaan-Demtota: Imaltoota Tasgabbeessuu

To'achuu Saffisaa

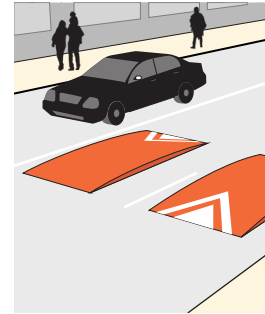


Gufuu Saffisaa, Gufuu Saffisaa Gaggabaaboo, Gabatee Saffisaa

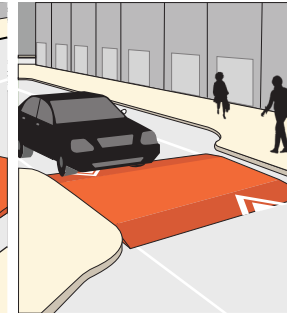
- Olka'a gidduu-bilokii daandii irraa tin saffisa konkolaatootaa hir'isa
- Gufuuwwan saffisaa konkolaatota yeroo muddamaa otoo hin gufatin akka darbam salphaa taasisuudhaf bana dabalata
- Daandiiwwan tabba/irraangadee qabaniif haalan gaaridha



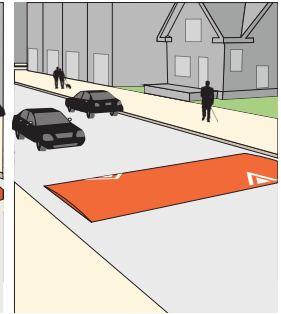
Highland Park Way SW



Gufuu Gaggabaaboo Saffisaa



Gabatee Saffisaa



Gufuu Saffisaa

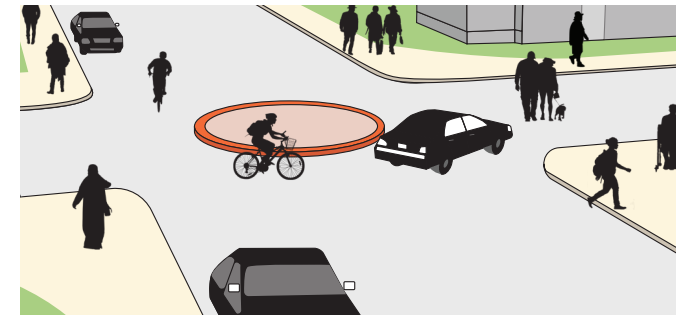
Giingoo Imaltootaa



- Qaxaamura daandiiwwan naannoo jireenyaa irratti konkolaachistoota akka suuta jedhan fi imaltoota qaxxaamuraa akka ilaalan gaafata
- Daandiiwwan naannoo jireenyaa irratti balaawwan hir'isuu fi imaltoota suuta gochuuf fayyadama
- Teessuma-lafaa oloottan kunuunfamu dabalatuu danda'a



Meridian Ave N & N 36th St



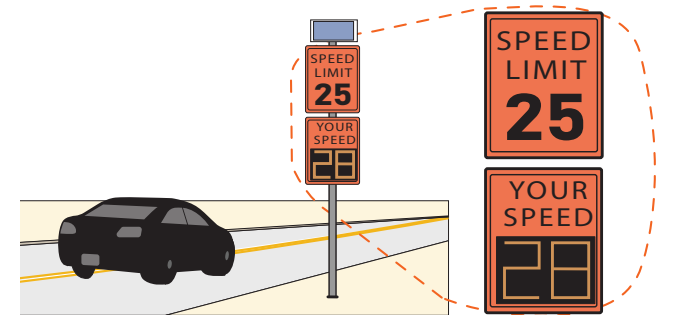
Mallattoo Dubdeebii Saffisaa Raadaarii



- Saffisa konkolaatota darbaa jiranii mallattoo daandii qarqara jiran irratti ibsuudhan saffisaan oofuu shaashessa
- Dandiiwwan gurguddoo konkolaachistoonni amala saffisa maxxanfamee jiru oliin oofuu agarsiisanii irratti haalan fayyadama



Rainier Ave S & S Alaska St



Meeshaa Pirojeektii Lukaan-Demtota: Meeshota Dabalataa

Banaa Lukaan-Deemtota Dursaa



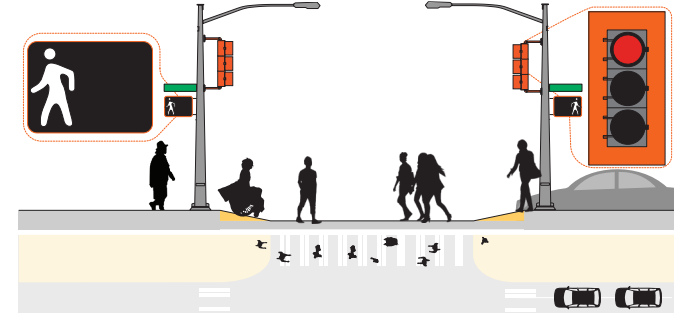
50%



- Lukaan-deemtotaaf qaxxamura irra darbuuf yeroo kenna konkolaatonni socho'aa otoo hin jiraatin
- Mallattoon deemaa jedhu otuma konkolaatonni ibsaa diimaa qabaataa jiraatanuu ifa



MLK Jr Way & S Jackson St



Sarara Gidduu Jabeeffame



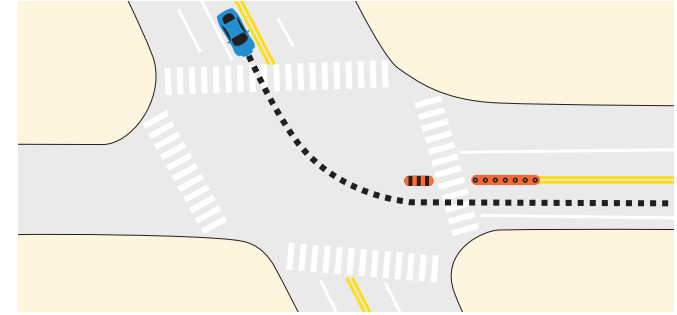
10-16%



- Konkolaattota bitaatti daban suuta godha hakkasumas qaxxaamura lukaa fayyadamuun muldhachuu lukaan-deemtota fooyyessa
- Sararri olka'aan sararoota konkolaatota qaxxaamura irraa qaxxaamura lukaa duraa fi booda addaan baasa



Rainier Ave S & S Massachusetts St



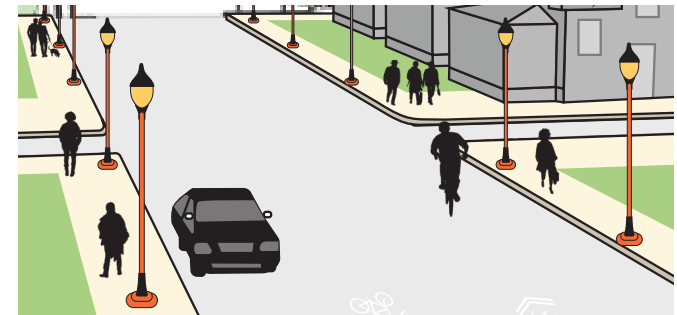
Ibsaa Anga-Lukaan-Deemtota (Pedestrian-Scale Lighting)



- Bakkeewwan lukaan-deemtota ibsa, mul'ina fooyyessa
- Yeroo baay'ee ibsaawwan daandii baraman irra gabaabadha
- Daandiiwwan lukaa cinaa fooyyessuuf saxaxa addaddaa qabaachuu ni danda'a, paarkiiwwan, ykn bakkeewwa biraa lukaan-deemtota irratti xiyyeeftan



Occidental St



Meeshaa Pirojeektii Lukaan-Demtota: Maddawwan Odeeffannoo

Qaxxaamura Lukaa Mallattaawwan

Balaawwan %20-40 hir'isu danda'u

Madda: Crash Modification Factors Clearinghouse
(www.cmfclearinghouse.org)

Qaxxaamura Olka'aa

Balaa lukaan-deemtota irra ga'u %45 hir'isu danda'a

Madda: https://safety.fhwa.dot.gov/ped_bike/step/docs/techSheet_RaisedCW2018.pdf

Odoola Dawoo Lukaan-Deemtota

Balaa lukaan-deemtota irra ga'u %55 hir'isu danda'a

Madda: <https://safety.fhwa.dot.gov/provencountermeasures/pedmedians/>

Cinaa Daandii

Balaa lukaan-deemtota irra ga'u %65-89 hir'isu danda'a

Madda: <https://safety.fhwa.dot.gov/provencountermeasures/walkways/>

Saanii ampuulii xiyyoo daandii

Konkolaachistoonni lukaan-deemtotaaf dursa kennu dabaluu ni danda'a

Madda: https://www.pedbikeinfo.org/cms/downloads/PedestrianLitReview_April2014.pdf#page=27&zoom=100,69,330

Mallattoowwan

Mallattoowwan Cinaa: Balaa lukaan-deemtota irra ga'u %55 hir'isu danda'a

Madda: https://safety.fhwa.dot.gov/provencountermeasures/ped_hybrid_beacon/

Ibsaa Caccalaqsiisaa Beekan

Balaa lukaan-deemtota irra ga'u %45 hir'isu danda'a

Madda Balaa Walitti-bu'insa: Crash Modification Factors Clearinghouse (www.cmfclearinghouse.org)

Konkolaachistoonni lukaan-deemtotaaf dursa kennuu %350 dabaluu ni danda'a

Madda Dursa Kennuu: <https://www.fhwa.dot.gov/publications/research/safety/pedbike/10046/index.cfm#:~:text=The%20average%20yielding%20during%20baseline,in%20yielding%20to%2087.8%20percent.>

To'achuu Saffisaa

Balaa konkolaataa %40-50 hir'isuu ni danda'a

Madda: Crash Modification Factors Clearinghouse
(www.cmfclearinghouse.org)

Giingoo Imaltootaa

Balaa konkolaataa %30 hir'isuu ni danda'a

Madda: <https://nacto.org/docs/usdg/fhwa-mini-roundabouts-technical-report.pdf>

Mallattoowwan Dubdeebii Radaarii

Balaa konkolaataa %5 hir'isuu ni danda'a

Madda: Crash Modification Factors Clearinghouse
(www.cmfclearinghouse.org)

Balaa konkolaataa %5-10 hir'isuu ni danda'a

Source: SDOT (Vision Zero) qo'annoo naannawaa West Marginal Way irratti (2021)

Banaa Lukaan-Deemtota Dursaa

Balaa yeroo marfataa lukaan-deemtotaan wajjinii %50 hir'isuu danda'a

Madda: SDOT (Vision Zero) qo'annoo naannawaa LPI's

Sararoota Gidu-galaa Jabeeffame

Saffisa gargaluu %10-16 dhan hir'isuu danda'a.

Madda: <https://www.portland.gov/sites/default/files/2020-07/left-turn-calming-evaluation-report.pdf>