Kaedi ya go ithuta melao ya tsela

Buisa, boeletsa mme o printe didirisiwa tsa go ithuta ka puo ya gago. Ga go tlhokege go ikwadisa.

K53 CLLT ke tirelo e e ikemetseng ya go ipaakanyetsa teko. Dipotso le dikirini tsa yona ga se teko ya semmuso kgotsa polokelo yotlhe ya yona ya dipotso, mme maduo a boikatiso ga a tlhomamise go falola.

Ditlhogo tsa go ithuta tse di tlhophilweng. Dirisa dithuto tsa inthanete tse di golagantsweng go tswelela o ithuta; kaedi eno ga e akaretse lenaneothuto lotlhe kgotsa mekgelo yotlhe ya molao wa tsela.

Nna ka fa molemeng, feta ka fa mojeng

Tlhopha letlhakore le lane tse di siameng, fetola boemo ka polokesego mme o tlhaloganye mokgelo o o lekanyeditsweng wa lehetla.

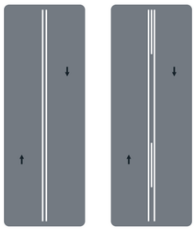
Dirisa letlhakore le karolo ya mmila ya molema

Molao o o akaretsang ke go nna ka fa molemeng mme ka tlwaelo o fete ka fa mojeng. Thuto e e latelang, “Go feta le go fetwa”, e tlhalosa maemo le mekgelo.

Kgweetsa ka fa letlhakoreng la molema la tsela e e tsamayang ka matlhakore a mabedi o sa kgoreletse kgotsa o sa beye pharakano e e tlang mo kotsing. Mo mmileng wa setšhaba o o arogantsweng, dirisa karolo ya molema ntle le fa letshwao la pharakano kgotsa motlhankedi wa pharakano a laela kgotsa a letlelela tsela e nngwe. Karolo e e se nang dikoloi ka kwa letlhakoreng le lengwe la searoganyi ga se lane ya go feta ya tsela e o yang kwa go yone.

Fa sekgoreletsi se tlhoka gore o suthele kwa bogareng kgotsa o bo kgabaganye, simolola ka go tlhomamisa gore go na le tsela e e bulegileng e e lekaneng le gore pharakano e e tlang e ka se bewe mo kotsing kgotsa ya kgorelediwa. Sekgala se se pateletsang mokgweetsi yo o tlang go boreika ga se sekgala se se bolokesegileng. Obamela methalo e e thibelang mme o se ka wa dirisa molao o o akaretsang wa go nna ka fa molemeng go tlhokomologa taelo e e letleletsweng.





Signale ke kopo, ga se tshwanelo ya pele

Pele o fetola dilane, tlhola pharakano e e kwa pele, fa thoko le kwa morago. Dirisa diipone le tebelo e e maleba ya dikarolo tse di sa bonaleng tsa koloi, supa ka nako, o bo o suta fela fa lane e bulegile mme motsamao o sa kitla o kgoreletsa kgotsa o baya modirisi yo mongwe wa mmila mo kotsing. Tswelela go tlhola fa o fetola boemo; koloi e nngwe e ka tsena mo sekgeng se se tshwanang.

O se ka wa thelela o kgabaganya mola wa lane ka gonne tsela ya gago e gaufi le go fapoga. Fa sebaka se se bolokesegileng se fetile, tswelela go ya kwa tseleng e nngwe e e molaong. Koloi e kgolo e tlhoka

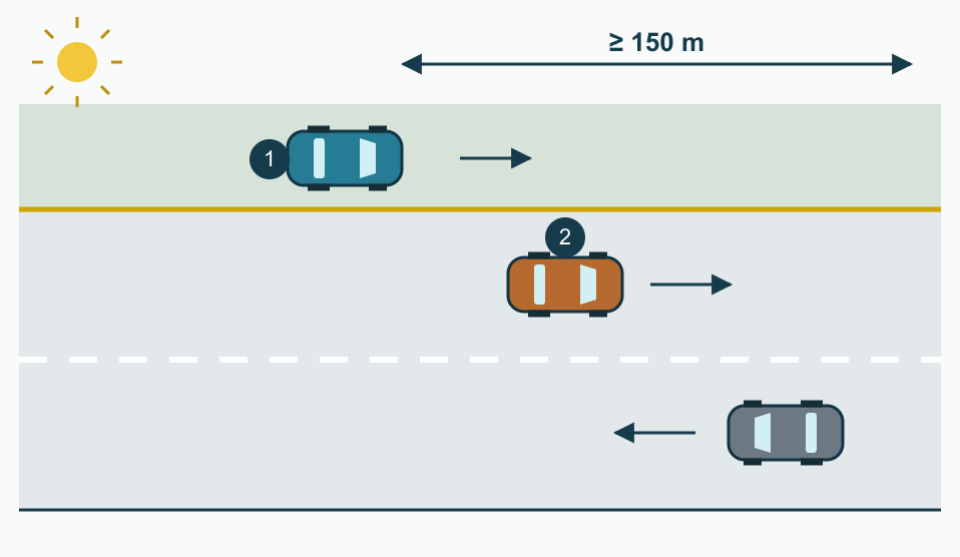
sebaka se se oketsegileng mme e ka fitlha sethuthuthu se se fa thoko ga yone; akanyetsa koloi yotlhe le morwalo, e seng khabine fela.

Mokgelo o o lekanyeditsweng wa lehetla motshegare

Mokgweetsi wa koloi a ka ya mo legetleng la molema go letlelela e nngwe go feta fela ka fa tlase ga maemo otlhe a a fa tlase. Tetla eno ga e letlelele mokgweetsi yo o latelang yo o tlwaelegileng go feta mo legetleng. Taelo ya semolao ya lephodisa la tsela ke seemo se se farologaneng.

Tlhola lehetla ka bolone go bona batsamaya-ka-dinao, bapalami ba dibaesekele, dikoloi tse di emeng, matlakala le ntlha e e welang kwa tlase. Fa boemo bongwe bo sa fitlhelelwe, nna mo tseleng ya dikoloi mme o letle mokgweetsi yo mongwe go leta. Maitseo a tshwanetse go nna mo molaong e bile a bolokesegile.

Mo setshwantshong, 1 ke koloi e e suthelang mo lehetleng la molema go letlelela koloi 2 go feta. Go na le lane e le nngwe ka ntlha nngwe le nngwe mme ke motshegare. Batho le dikoloi mo tseleng ba tshwanetse go bonala sentle mo bokgakaleng jwa bonnye 150 m. Maemo a mangwe otlhe a polokesego le one a tshwanetse go fitlhelelwa; setshwantsho fela ga se letlelele tiriso ya lehetla. Ga se takiwa ka sekale.



- Go tshwanetse go nna magareng ga botlhaba-tsatsi le phirima-tsatsi.
- Mmila o tshwanetse go nna le lane e le nngwe ya pharakano ka ntlha nngwe le nngwe.
- Koloi e nngwe e tshwanetse go bo e go feta.
- O tshwanetse go kgona go dira jalo ntle le go baya wena, pharakano e nngwe, batsamaya-ka-dinao kgotsa thoto mo kotsing.
- Batho le dikoloi mo tseleng ba tshwanetse go bonala sentle mo bokgakaleng jwa bonnye 150 m.

Nolofatsa go feta go go molaong

Fa o fetwa, nna kwa molemeng thata ka moo go bolokesegileng mme o se ka wa oketsa lebelo. Ga o a patelesega go tsena mo lehetleng le le sa bolokesegang. Gaufi le bese e e emeng, lebelela gore batsamaya-ka-dinao ba ka tswa moo ba sa boneng dikoloi tse di tlang; fokotsa kotsi pele o fitlha kwa pele kgotsa kwa morago mo go fitlhegileng ga yone.

Sekai sa maemo

Ke lotlatlana mo mmileng o o nang le lane e le nngwe ka ntlha nngwe le nngwe. Teraka e latela gaufi mme e benyabenya mabone a yone a kwa pele. Tetla ya lehetla ya koloi e tlhoka lesedi la motshegare le maemo a mangwe otlhe, ka jalo kgatelelo e e tswang kwa morago ga e dire gore go kgweetsa mo lehetleng go nne molaong. Boloka boemo le lebelo tse di bolokesegileng, o bo o dirisa lefelo le le molaong la go ema fa o tlhoka go letla pharakano go feta.

Lenane la go tlhola boemo

Tlhopha letlhakore le le molaong, tlhola motsamao otlhe, supa pele o fetola boemo mme o boloke sebaka se se bolokesegileng. Dirisa lehetla fela mo mokgelong wa lone o o rileng; le ka motlha o se ka wa le tsaya jaaka lane e e akaretsang ya go feta.

Makopanelo, didikadikwe le go kgabaganya mmila

Tsena fela fa motsamao otlhe o bolokesegile, latela taelo e e laolang mme o dirise tshwanelo e e nepagetseng ya pele mo sedikadikweng.

Nna le sebaka sa go wetsa motsamao

Pele o kgabaganya mmila kgotsa o tsena mo makopanelong, tlhomamisa gore o ka wetsa motsamao ntle le go baya pharakano mo kotsing kgotsa go e kgoreletsa. Lebelela sebaka se koloi ya gago yotlhe e tla felelang mo go sone, e seng sekgala fela fa pele ga bampara ya yone. Mokoloko o o kwa pele ga makopanelo o ka go tlogela o thibile pharakano e nngwe le fa signale e tala e go letleletse go atamela.

Tlhola tsela nngwe le nngwe e e atamelang mme o lebelele gape badirisi ba mmila ba ba thata go ba bona, segolobogolo dithuthuthu, dibaesekele le batsamaya-ka-dinao. Koloi e kgolo e e fapogang e tlhoka nako le sebaka gore bokamorago le morwalo wa yone di fete. O se ka wa ikaega ka mokgweetsi yo o go tsokelang seatla fa molapo o mongwe wa pharakano o sa ntse o fitlhegile.

Didikadikwe tsa pharakano le ditaelo tse di laolang

Mo sedikadikweng sa pharakano, neela tsela pharakano e e atamelang go tswa ka fa mojeng ga gago mo teng ga sedikadikwe ntle le fa letshwao la pharakano kgotsa motlhankedi wa pharakano a laela ka tsela e nngwe. Atamela ka bonya jo bo lekaneng go bona pharakano e e maleba le go ema fa go tlhokega. O se ka wa tsaya gore bogolo jwa koloi ya gago kgotsa gore o fitlhile kwa botsenong pele go go neela tshwanelo ya pele mo pharakanong e e setseng e atamela go tswa mojeng.

Letshwao le le mo makopanelong le botlhokwa. Sedikadikwe se sennye se se nang le letshwao la sone le le laolang se tshwanetse go tlhalosiwa ka molao wa letshwao leo, go na le go tshwara setlhaketlhake sengwe le sengwe se se sediko ka go tshwana. Latela methalo e e maleba ya dilane mme o se ka wa fetola dilane mo motsamaong ntle le sebaka se se bolokesegileng.





Bala taolo e e dirang

Obamela ditaelo tse di molaong tsa motlhankedi wa pharakano le disignale, matshwao le methalo tse di laolang makopanelo. Lebone le letala ke tetla ya go tswelela fela fa tsela e bolokesegile; ga se tetla ya go thiba makopanelo kgotsa go thula motsamaya-ka-dinao yo o setseng a kgabaganya.

Moo disignale tsa pharakano di sa direng mme go se motlhankedi yo o laolang pharakano, tataiso ya semmuso ya Gauteng ke go tshwara makopanelo jaaka setopo sa dintlha tse nne. Ema, tlhola tsela nngwe le nngwe e e atamelang mme o tswelele ka go refosana fela fa go bolokesegile. Fa tatelano ya go goroga kgotsa maikaelelo a mokgweetsi yo mongwe a sa tlhomamisega, rarabolola thulano ya maikaelelo ka kelotlhoko go na le go pateletsa tshwanelo ya pele.



Sekai sa maemo

Lebone la gago le nna letala, mme dikoloi tse di emeng di tladitse mmila o o kwa pele ga kgabaganyo. Go tsena go ka tlogela bokamorago jwa koloi ya gago bo kgabagantse molapo o mongwe wa pharakano. Leta pele ga makopanelo go fitlha go nna le sebaka se se lekaneng sa go tswa, le fa mokgweetsi yo o kwa morago a letsa lenaka.

Atamela, swetsa, wetsa

Tlhaola taolo pele o fitlha mo makopanelong, fokotsa lebelo, swetsa gore ke mang yo o tshwanetseng go neela tsela, tlhola ditsela tsotlhe tse di atamelang le botswa, o bo o wetsa motsamao o o bolokesegileng. Tswelela go lebelela batsamaya-ka-dinao le diphetogo tsa pharakano fa o kgabaganya.

Go feta le go fetwa

Swetsa gore a go feta go molaong, tlhopha sebaka se se lekaneng mme o tile maraba gaufi le dibese, dikgabaganyo le dikobe tse di sa bonaleng.

Rulaganya go feta gotlhe

Ka tlwaelo feta ka fa mojeng. Pele o tswa mo boemong jwa gago, tlhola gore go feta go letleletswe, tsela e e kwa pele e bulegile go lekana motsamao otlhe, le gore pharakano e e kwa morago ga e ise e simolole go go feta. Tlogela sebaka se se bolokesegileng ka fa thoko, feta ntle le go tlola molelwane wa lebelo o o maleba, mme o boe fela fa o ka dira jalo ntle le go tsena pele ga e nngwe o le gaufi thata.

Sebaka se tshwanetse go lekana go tswa, go tsamaya fa thoko ga koloi e nngwe le go boela mo teng. Koloi e e tsamayang bonya go sekae fela go feta ya gago e ka tsaya sebaka se seleele go e feta. O se ka wa simolola fela ka gonne o ka fitlha kwa sekhutlong sa yone sa kwa morago pele koloi e e tlang e fitlha. Fa pono e e teng kgotsa sekgala se sa tlhomamisega, leta.





Fa go feta ka fa molemeng go letleletswe

Feta ka fa molemeng fela mo seemong se se letleletsweng le fa go babalesegile. Maemo a mane a ntlha fa tlase ga a letlelele go feta mo legetleng kgotsa fa thoko ga tsela. Taelo ya semolao ya lephodisa la tsela ke seemo se se farologaneng; latela taelo e e neilweng.

- Koloi e e kwa pele e fapogela ka fa mojeng kgotsa e supile maikaelelo ao ka phepafalo, mme go na le sebaka se se bolokesegileng se se molaong ka fa molemeng ga yone.
- Mo toropong, tsela ya ntlha e le nngwe e bophara jo bo lekaneng mela e mebedi kgotsa go feta ya pharakano.
- Mo toropong, tsela ya matlhakore a mabedi e bophara jo bo lekaneng mela e mebedi kgotsa go feta ya dikoloi tse di tsamayang mo letlhakoreng lengwe le lengwe.
- Tsela ya ntlha e le nngwe e arogantswe ka dilane tse di tshwailweng tsa pharakano.
- Motlhankedi wa pharakano o laela motsamao.

Ditlhoa, dikobe le batho ba ba fitlhegileng

O se ka wa feta moo tlhora, kobe kgotsa sekgoreletsi se sengwe se thibelang pono e e lekaneng ya pharakano e e tlang. Mekgelo ya bukana e ama go feta go go ka wediwang ntle le go tsena mo tseleng ya pharakano e e ganetsanang, jaaka mo mmileng wa ntlha e le nngwe kgotsa mo letlhakoreng la gago le le leng teng ka tshwanelo. Ga e tlose thibelo e nngwe kgotsa boikarabelo jwa go tila kotsi.

O se ka wa feta koloi e e emeng mo lefelong la go kgabaganya la batsamaya-ka-dinao go ba letlelela go kgabaganya fa o e atamela go tswa kwa morago. E ka fitlha motho yo o kgabaganyang. Gaufi le bese e e emeng, fokotsa lebelo mme o lebelele batsamaya-ka-dinao ba ba ka tlhagang go pota ntlha nngwe le nngwe ya yone. Go feta go go leng mo teng ga lane ka botegeniki go sa ntse go ka nna kotsi.

Sekai sa maemo

Koloi e e kwa pele e supa go fapogela mojeng mo makopanelong a toropo. Go na le lehetla le lesesane fela ka fa molemeng ga yone mme batsamaya-ka-dinao ba eme fa thoko ga lone. Signale ya go fapogela mojeng fela ga e go letlelele go dirisa lehetla leo. Leta kwa morago go fitlha go nna le tsela e e bolokesegileng, e e molaong ya go feta kgotsa koloi e feditse go fapoga.

Dilo tse tlhano tsa go tlhola pele o feta

Tlhola tetla, pono, sebaka, lebelo le tsela e e bolokesegileng ya go boa. Fa sengwe se sa fitlhelelwe, o se ka wa simolola. Fa koloi e nngwe e go feta, boloka boemo jo bo solofetsweng ka fa molemeng mme o se ka wa oketsa lebelo.

Sekgala sa go latela le sebaka sa go ema

Dirisa sekgala sa nako, se oketse fa maemo a nna maswe mme o tlogele sebaka se se lekaneng sa go tsiboga ntle le go tshoga.

Lekanya sekgala ka metsotswana

Bukana e ruta sekgala sa go latela sa bonyane metsotswana e mebedi bakeng sa dithuthuthu le dikoloi tse di bobebe, le bonyane metsotswana e meraro bakeng sa dikoloi tse di boima mo maemong a a maleba. Sekgala sa nako se oketsega ka dimitara ka go itiragalela fa lebelo le tlhatloga. Tlhopha ntlha e e sa suteng fa thoko ga mmila, simolola go bala fa koloi e e kwa pele e e feta, mme o tlhole gore ga o fitlhe mo go yone pele nako eo e feta.

Tseno ke ditataiso tse di kwa tlase tsa thuto tsa maemo a a molemo, ga se tsholofetso ya gore koloi nngwe le nngwe e tla ema mo sekgaleng seo. O sa ntse o tshwanetse go tsiboga pele go boreika go simolola. Fa o bala nako e e kwa tlase ga sekgala seo, fokotsa ka bonolo mme o boele o age sebaka; o se ka wa boreika ka tshoganyetso go se dira.

Fa bonyane bo sa lekana

Oketsa sekgala fa pono kgotsa go ngaparela ga dithaere go fokola, mmila o le metsi, koloi e rwele boima, kgotsa boemo bongwe bo lelefatsa go ema kgotsa go lebelela. Tlogela sebaka se se oketsegileng fa o latela koloi e kgolo e e fitlhang tsela e e kwa pele. O se ka wa kopisa lebelo la yone fela ka gonne o sa ntse o bona mabone a yone a kwa morago.

Fa mokgweetsi a go latela gaufi thata kwa morago, aga sebaka se se oketsegileng kwa pele gore go fokotsa lebelo gope go tle go nne ka iketlo. O se ka wa potlakisa go feta lebelo le le bolokesegileng kgotsa le le molaong mme o se ka wa boreika ka bogale go otlhaya mokgweetsi yo o latelang. Dira sebaka se se molaong sa gore mokgweetsi yoo a fete fa go kgonega.



Sekai sa maemo

Fa o dirisa letshwao le le maleba le le sa suteng o bala fela “nngwe” pele koloi ya gago e fitlha moo koloi e e etelelang pele e fetileng teng. Mmila o metsi. O tlhoka go feta bonyane jo bo tlwaelegileng jwa metsotswana e mebedi, ka jalo fokotsa lebelo la gago ka bonolo go fitlha sekgala se segolo se bulega. Tiro ke go busetsa sebaka sa go tsiboga le go boreika, e seng fela go wetsa go bala.

Boloka sekgala se dirisega

Lekanya gangwe le gape fa lebelo kgotsa pharakano e fetoga. Fa koloi e nngwe e tlatsa sekgala, se age gape ka tidimalo. Sekgala se se bolokesegileng sa go latela ke sebaka se o ka se dirisang go bona, go swetsa le go fokotsa lebelo o ntse o na le taolo.

Moo o sa tshwanetseng go ema

Lemoga mafelo a go se eme le mabaka a a lekanyeditsweng a a letlelelang go ema go go neng go ka thibelwa.

Thibelo e e nang le mekgelo e e rileng

Dithibelo tsa go ema di dira mo go emeng ka boomo mo tseleng ya dikoloi. O ka tlhoka go ema go tila thulano, go obamela motlhankedi wa pharakano kgotsa ka ntlha ya lebaka le o sa le laoleng. Mekgelo eno ga e letlelele go isa dithoto, go tsaya mopalami kgotsa go letsa mogala fela ka gonne go go siametse mo lefelong le le thibetsweng.

Go ema go ka baka kotsi le fa go tsaya metsotswana e sekae fela. Pele o suthela thoko, akanya ka sekgala se se bonalang le tsela e pharakano e nngwe e tla tlhokang go e tsaya go pota koloi yotlhe.

Marogo, dithanele le ditsela tse di nnang disesane

O se ka wa ema moo sebopego kgotsa bophara jwa mmila bo dirang gore go tila go nne thata.



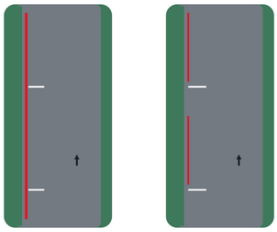


- O se ka wa ema mo thaneleng kgotsa tseleng e e kwa tlase ga lefatshe, mo borogong, kgotsa mo teng ga 6 m go tswa mo go nngwe ya tsone.
- O se ka wa ema mo karolong e e nnileng sesane ya tsela ya dikoloi, kgotsa mo teng ga 6 m go tswa kwa tshimologong kgotsa bokhutlong jwa go nna sesane.
- O se ka wa ema fa thoko kgotsa go lebagana le mosima kgotsa sekgoreletsi fa go dira jalo go ka kgoreletsa kgotsa go baya pharakano mo kotsing.
- O se ka wa ema fa thoko kgotsa go lebagana le koloi e nngwe fa tsela ya dikoloi e le bophara jo bo kwa tlase ga 9 m.

Dikgabaganyo, ntlha le kotsi

Go ema go go molaong gape go tshwanetse go fitlhelela melao e e akaretsang ya boemo le ya dikgabaganyo.





- O se ka wa ema kgatlhanong le letshwao la mmila.
- O se ka wa ema ka fa letlhakoreng la moja o lebane le pharakano e e tlang.

- O se ka wa ema mo teng ga lefelo le le beetsweng seporo mo kgabaganyong e e lekanang ka bogodimo.
- O se ka wa ema mo teng ga 9 m ka fa letlhakoreng le o atamelang kgabaganyo e e tshwailweng ya batsamaya-ka-dinao ka lone.
- O se ka wa ema gongwe le gongwe go sele moo o tla bayang pharakano mo kotsing kgotsa wa e kgoreletsa.

Sekai sa maemo

O kopiwa go folosa mopalami 4 m kwa pele ga bokhutlo jwa borogo. Mopalami o solofetsa go tswa ka bonako. Lefelo la 6 m la go se eme le sa ntse le dira; batla lefelo le le molaong kgakala go feta foo. Fa pharakano e e kwa pele e ema go tila thulano, go ema go arabela seo ke tiro e e farologaneng e e tlhokegang.

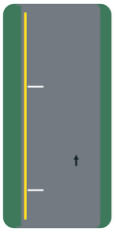
Go paka ntle le go thiba kgotsa go fitlha kotsi

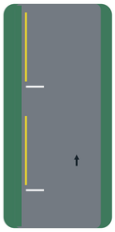
Tlhopha lefelo le le molaong, dirisa dithibelo tsa sekgala mme o farologanye go paka mo toropong le kwa magaeng.

Mafelo ao go paka go thibetsweng mo go one

Pele o tlogela koloi e eme, tlhola matshwao le melao e e akaretsang ka bobedi. Go se nne le mela e e pentilweng ga go dire gore sebaka sengwe le sengwe se nne molaong. Go paka go thibetswe gongwe le gongwe moo go ema go thibetsweng, le gongwe le gongwe moo letshwao le go thibelang. Latela taelo e e molaong ya motlhankedi wa pharakano; go ema go go pateleditsweng ke lebaka le mokgweetsi a sa le laoleng go farologane le go tlhopha lefelo la go paka.







- Mo letlhakoreng le le tshwanang la tsela, o se ka wa phaka mo teng ga 1.5 m mo matlhakoreng oomabedi a pompo ya go tima molelo e e bonalang sentle le e e lemogegang ke bakgweetsi ba ba tsamayang, kgotsa e e bontshitsweng ka letshwao le le tshwanetseng.
- O se ka wa fitlha letshwao la pharakano ya mmila.
- O se ka wa tlhagelela mo tselaneng ya dinao kgotsa wa thiba botseno jwa dikoloi jwa setšhaba kgotsa jwa poraefete.
- O se ka wa paka mo boemong jo bo dirang gore modirisi yo mongwe wa mmila a se ka a bona kgotsa a feta ka polokesego.

Kwa ntle ga lefelo la toropo

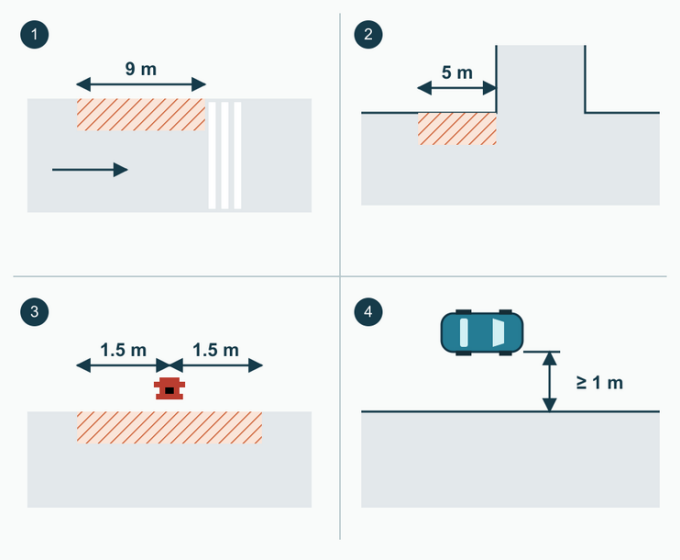
Kwa ntle ga toropo, koloi e e phakilweng e nne kwa ntle ga tsela ya dikoloi mme karolo nngwe le nngwe e nne bonnye 1 m go tswa mo mosakong wa yona, ntle le mo lefelong la go phaka le le tshwailweng ka letshwao le le tshwanetseng. Lehetla le kwa ntle ga tsela ya dikoloi, mme le ka nna lesesane thata go fitlhelela katologo eo. Lekanya go ya kwa karolong e e gaufi thata ya koloi yotlhe, e seng fela thaere e e kwa ntle.

Fa go se boemo jo bo molaong e bile bo bolokesegile, tswelela go ya kwa lefelong le le maleba la go ema kgotsa go paka. Mabone a tshoganyetso ga a tlose tlhokego ya sekgala kgotsa go letlelela go tlogela koloi mo laneng e e dirang.

Mo teng ga lefelo la toropo

Go paka mo toropong go na le dithibelo tse di oketsegileng tsa sekgala le boemo. Tlhola ntlha e o atamelang kgabaganyo go tswa mo go yone pele o lekanya lefelo la yone le le sirelelditsweng.

Bala diphanele tse nne tsa setshwantsho ka go kgaogana. Phanele 1 e bontsha lefelo la 9 m la go se pake fa o atamela kgabaganyo ya batsamaya-ka-dinao; phanele 2 e bontsha katologo ya 5 m ya makopanelo; phanele 3 e bontsha 1.5 m ka fa letlhakoreng lengwe le lengwe la pompo ya molelo; phanele 4 e bontsha koloi yotlhe e katogile bonyane 1 m go tswa ntlheng ya tsela ya dikoloi kwa ntle ga toropo. Lefelo le lekhibidu le tshwaya thibelo ya go atamela kgabaganyo, e seng tetla ya go paka go sele. Dithibelo tse dingwe di sa ntse di dira. Diphanele ga di takiwa ka sekale. Diphanele tseno di bontsha dikgala tse di tlwaelegileng. Dirisa seemo sa pompo e e bonalang kgotsa e e tshwailweng le ditetla tsa matshwao tsa go phaka mo lefelong la go kgabaganya, mateanong le kwa ntle ga toropo tsa thuto eno. Tetla mo molaong o le mongwe ga e fedise dithibelo tse dingwe tsa go ema, kotsi kgotsa kgoreletso.



- O se ka wa phaka mo teng ga dimetara di le 9 mo letlhakoreng le o atamelang lefelo la go kgabaganya la batsamaya-ka-dinao le le tshwailweng ka matshwao a a tshwanetseng, ntle le fa letshwao le le tshwanetseng le letlelela go phaka. Dithibelo tse dingwe tsa go phaka di sa dira.
- O se ka wa phaka mo teng ga dimetara di le 5 go tswa mo mateanong a ditsela, ntle le fa letshwao le le tshwanetseng la tsela le letlelela seo. Tetla ya molao ono o o kgethegileng ga e fedise dithibelo tse dingwe tse di dirang.
- O se ka wa paka mo godimo ga sediriswa se se dirisang signale ya pharakano.

- Paka gaufi le ntlha ya molema: bokantle jwa lebili la molema ga bo a tshwanela go feta 450 mm mo teng ga tsela ya dikoloi go tswa ntlheng, ntle le fa thulaganyo e e maleba e laela ka tsela e nngwe e e molaong.
- O se ka wa phaka mo tseleng ya dikoloi e bophara jwa yona bo leng kwa tlase ga 5.5 m ntle le fa e le ya letlhakore le le lengwe mme letshwao le le tshwanetseng le letlelela go phaka.
- O se ka wa paka mo setlhaketlhakeng sa pharakano, lefelo la mabenkele la batsamaya-ka-dinao kgotsa lane ya batsamaya-ka-dinao.

Sekai sa maemo

Sebaka sa kerb se boleele jwa 2 m mme se na le pompo ya molelo mo bogareng. Koloi e nnye e ka lekana ka mmele, mme lefelo le le thibetsweng le anamela 1.5 m ka letlhakoreng lengwe le lengwe la pompo. O se ka wa dirisa sebaka seo. Go lekana ka mmele le katologo e e molaong ke diteko tse di farologaneng.

Pele o tsamaya

Tlhola matshwao, lefelo, dikatologo le sekgoreletsi; tiisa koloi gore e se ka ya suta mme o time enjene pele o e tlogela e sa tlhokomelwa. Tlhola gape batho le pharakano pele o bula lebati kgotsa o tswa moragonyana.

Tlhagisa ba bangwe ka morwalo o o tlhagelelang

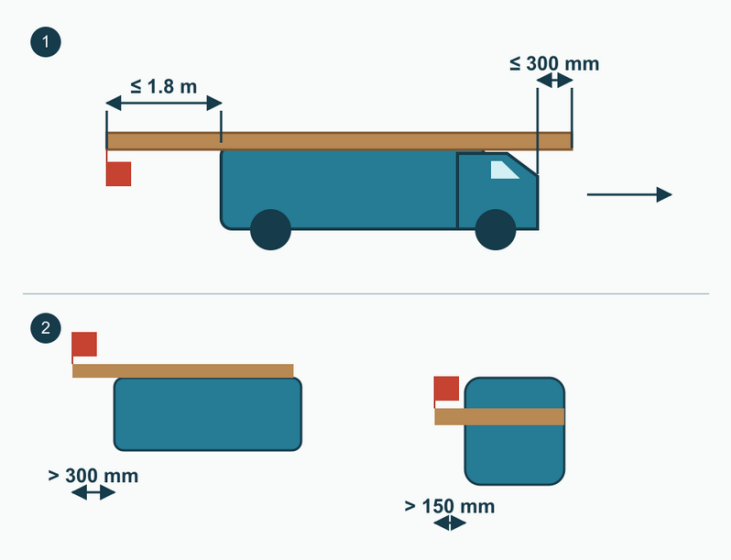
Go tshwaya go a tlhokega fa morwalo o tlhagelela go feta 150 mm ka kwa ga letlhakore kgotsa go feta 300 mm ka kwa ga bokamorago. Motshegare, dirisa difolaga tse dikhibidu tsa lesela tsa bonnye 300 mm ka 300 mm, di lepeleditswe ka dikhutlo tse pedi tse di bapileng. Mo morwalong o o tlhagelelang ka fa thoko, lepeletsa difolaga di kgabaganya tsela ya motsamao kwa pele le kwa morago ga karolo e e tlhagelelang. Mo morwalong o o tlhagelelang kwa morago, tshwaya boleele ka folaga e e kgabaganyang tsela ya motsamao kwa bokhutlong, mme o tshwaye bophara ka difolaga tse di bapileng le tsela ya motsamao mo matlhakoreng ka bobedi a bokhutlo joo. Fa morwalo o o tlhagelelang kwa morago o le kwa tlase ga 600 mm ka bophara, folaga e le nngwe kwa bokhutlong jwa one e lekane.

Magareng ga phirima-tsatsi le botlhaba-tsatsi, kgotsa fa batho le dikoloi di sa bonale sentle go tswa 150 m ka ntlha ya lesedi le le bokoa kgotsa maemo a bosa, dirisa mabone kgotsa di-retro-reflector tse di beilweng. Bakeng sa go tlhagelela ka fa thoko, bontsha bosweu mo ntlheng ya gone e e kwa ntle e e kwa pele le bokhibidu mo ntlheng e e kwa ntle e e kwa morago. Bakeng sa go tlhagelela kwa morago, tshwaya bophara jwa gone ka bokhibidu kwa bokhutlong le boleele jwa gone ka serolwana mo matlhakoreng ka bobedi kwa bokhutlong. Fa go tlhagelela kwa morago go le bophara jo bo kwa tlase ga 600 mm, lebone kgotsa reflector e le nngwe e khibidu ya kwa morago e lekane go tshwaya bophara joo.

Ditlhagiso tseno di dira gore go tlhagelela go go letleletsweng ka tsela e nngwe go bonale. Ga di dire gore go tlhagelela go go feteletseng kgotsa morwalo o o sa tiisiwang di nne molaong. O se ka wa dirisa molao o o bonolo wa difolaga wa motshegare jaaka molao o o feletseng wa bosigo.

Phanele 1 e farologanya bogolo jo bo tlwaelegileng jwa go tlhagelela kwa pele jwa 300 mm le go tlhagelela kwa morago ga 1.8 m mo meeding ya tlhagiso. Phanele 2 e bontsha gore go tlhagelela kwa morago go feta 300 mm kgotsa ka fa thoko go feta 150 mm go tlhoka ditlhagiso tse di beilweng.

Difolaga tsa yone di bontsha go tshwaya ga motshegare fela; dirisa thulaganyo ya bosigo kgotsa ya pono e e bokoa e e tlhalositsweng fa godimo fa e le maleba. Setshwantsho ga se takiwa ka sekale mme ga se tlose meedi ya bophara jotlhe, boleele jotlhe, boleele jo bo fetang di-axle kgotsa go laela ka polokesego.



Sekai sa maemo

Lepolanka le tlhagelela 500 mm kwa morago ga bakkie mme le sa ntse le le mo teng ga go tlhagelela kwa morago go go letleletsweng. Le feta molelwane wa tlhagiso wa 300 mm, ka jalo le tlhoka folaga e e beilweng ya motshegare kgotsa thulaganyo ya di-reflector ya pono e e bokoa/bosigo. Mokgweetsi gape o tshwanetse go le tiisa le go boloka mabone le poleiti ya nomoro di bonala.

Tlhola pele o amogela morwalo

Tlhola boima jo bo lekantsweng, ditekanyo, go bofiwa, pono ya mokgweetsi, mabone le dipoleiti, ditlhagiso tse di tlhokegang tsa go tlhagelela le gore a go rwala batho go molaong. Go fitlhelela molao wa go tlhagelela fela ga go a lekana go dira gore leeto le nne molaong.

Metswedi

Metswedi e tlhatlhobilwe: 2026-10-16

Department of Transport - SA Learner Driver Manual: Rules of the Road (ditsebe: 28, 29, 30, 31, 32, 33, 34, 35, 36, 40)

https://www.natis.gov.za/images/learners/1_Rules_of_the_Road_v100_Jun_2012.pdf

Department of Transport - SA Learner Driver Manual: Road Traffic Signs (ditsebe: 5, 6, 7, 11, 12, 13, 30, 31, 49, 52)

https://test.natis.gov.za/images/learners/2_Manual_on_Road_Traffic_Signs_v100_Jun_2012.pdf

National Road Traffic Act and Regulations - Gauteng-hosted historical consolidation (ditsebe: 248, 250, 251, 262, 301, 304, 311)

https://cmbinary.gauteng.gov.za/Media?Item=26&Location=/safety&Type=Services&path=safety/Documents/Legislation/National+Road+Traffic+Act,+1996+(Act+No.+93+of+1996).pdf

Gauteng Roads and Transport - Non-functional traffic signals

https://www.gov.za/news/media-statements/gauteng-roads-and-transport-vandalism-and-theft-targeting-traffic-signals

Government Gazette 32258 - GN R589: National Road Traffic Regulations amendment (ditsebe: 21)

https://www.gov.za/sites/default/files/gcis_document/201409/32258589.pdf

Government Gazette 40420 - GN 1408: National Road Traffic Regulations amendment (ditsebe: 2)

https://www.gov.za/sites/default/files/gcis_document/201611/40420gon1408.pdf

Buisa mo inthaneteng

Nna ka fa molemeng, feta ka fa mojeng
https://k53-app.co.za/tn/study/road-position

Makopanelo, didikadikwe le go kgabaganya mmila
https://k53-app.co.za/tn/study/intersections

Go feta le go fetwa
https://k53-app.co.za/tn/study/overtaking

Sekgala sa go latela le sebaka sa go ema
https://k53-app.co.za/tn/study/following-distance

Moo o sa tshwanetseng go ema
https://k53-app.co.za/tn/study/stopping

Go paka ntle le go thiba kgotsa go fitlha kotsi
https://k53-app.co.za/tn/study/parking

Merwalo e e tiileng, go tlhagelela le bapalami mo dikoloing tsa dithoto
https://k53-app.co.za/tn/study/loads

K53 CLLT ke tirelo e e ikemetseng ya go ipaakanyetsa teko. Dipotso le dikirini tsa yona ga se teko ya semmuso kgotsa polokelo yotlhe ya yona ya dipotso, mme maduo a boikatiso ga a tlhomamise go falola.