

HOWARD COUNTY BRT

US 29 Columbia Pike - 14.6 miles

1a. Burtonsville Park & Ride to Gales Lane - 8.1 miles

1b. Gales Lane to MD 99 - 6.5 miles





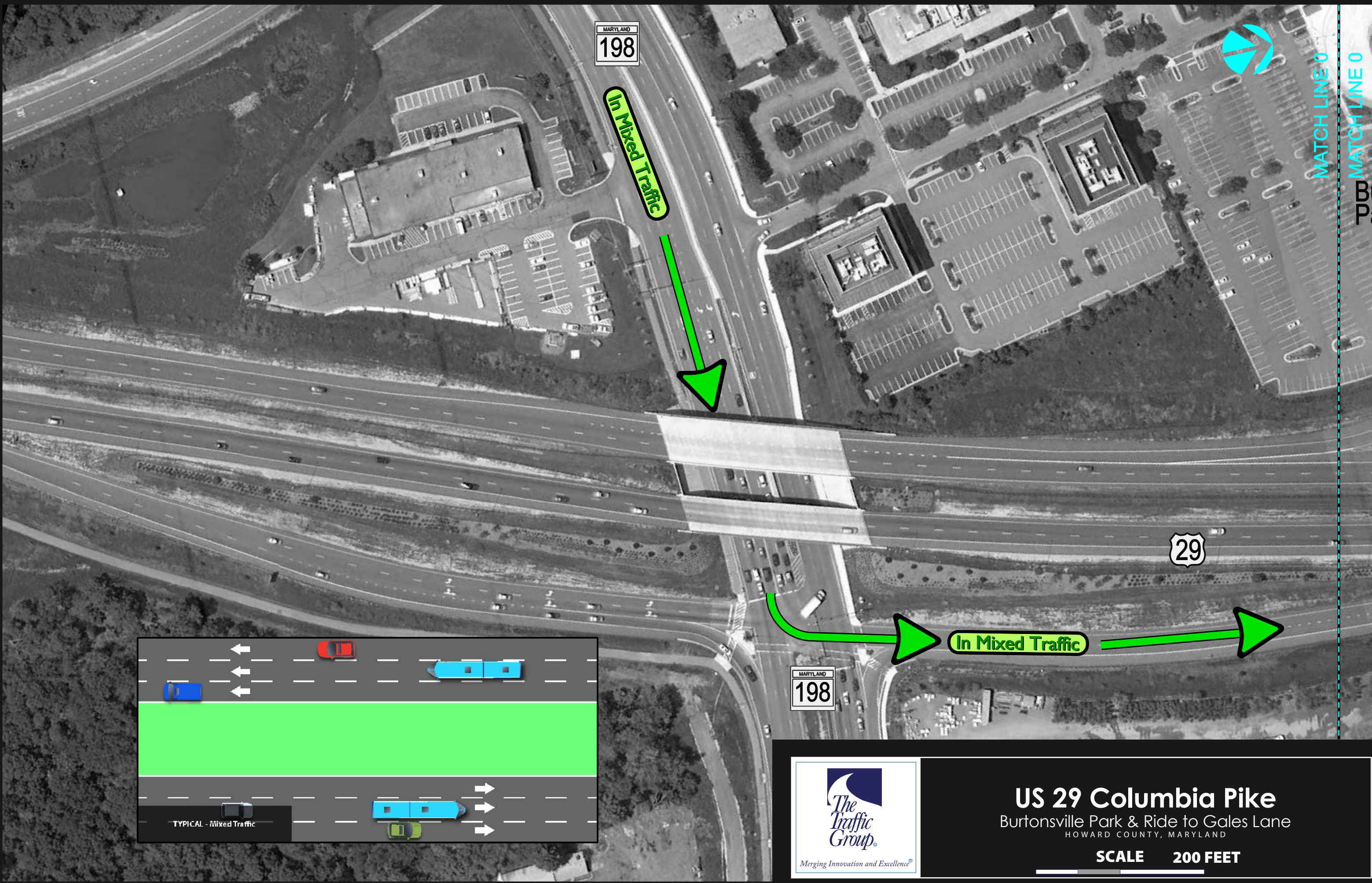
Merging Innovation and Excellence®

US 29 Columbia Pike

Burtonsville Park & Ride to Gales Lane
HOWARD COUNTY, MARYLAND

SCALE 200 FEET





MARYLAND
198

In Mixed Traffic

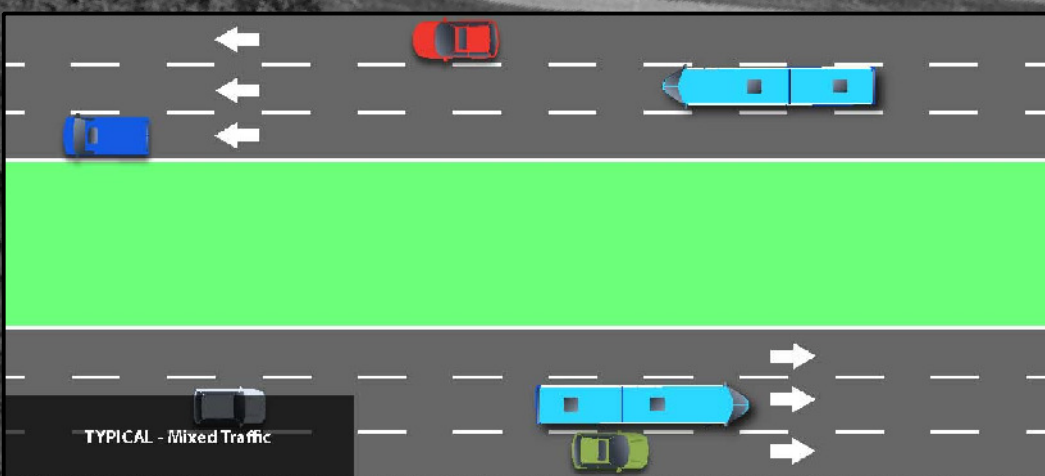
29

MARYLAND
198

In Mixed Traffic

MATCH LINE 0

MATCH LINE 0



US 29 Columbia Pike
 Burtonsville Park & Ride to Gales Lane
 HOWARD COUNTY, MARYLAND

SCALE 200 FEET

MATCH LINE 0

MATCH LINE 0

Burtonsville Park and Ride

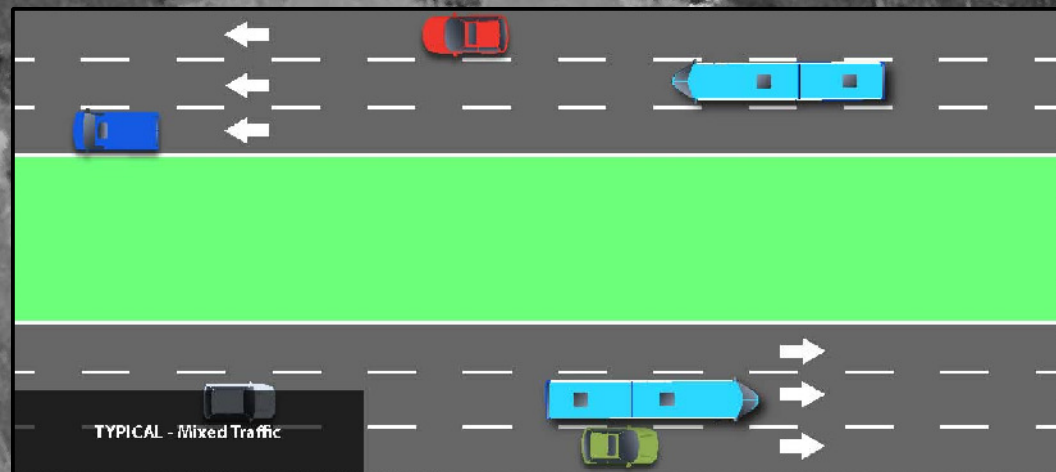
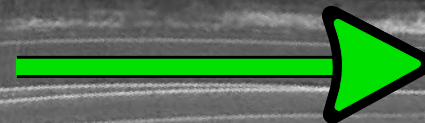
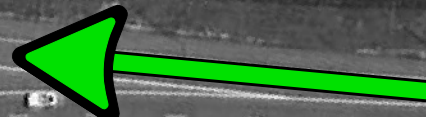
MATCH LINE 1

MATCH LINE 1



In Mixed Traffic

In Mixed Traffic



US 29 Columbia Pike
Burtonsville Park & Ride to Gales Lane
HOWARD COUNTY, MARYLAND

SCALE 200 FEET

MATCH LINE 1

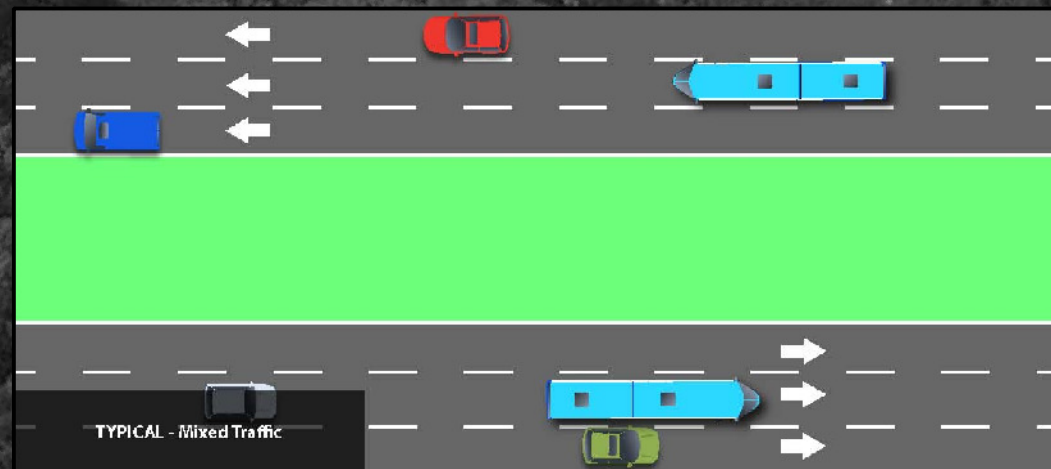
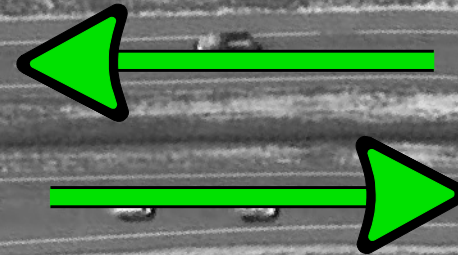
MATCH LINE 1

MATCH LINE 2

MATCH LINE 2

In Mixed Traffic

In Mixed Traffic



US 29 Columbia Pike
Burtonsville Park & Ride to Gales Lane
HOWARD COUNTY, MARYLAND

SCALE 200 FEET

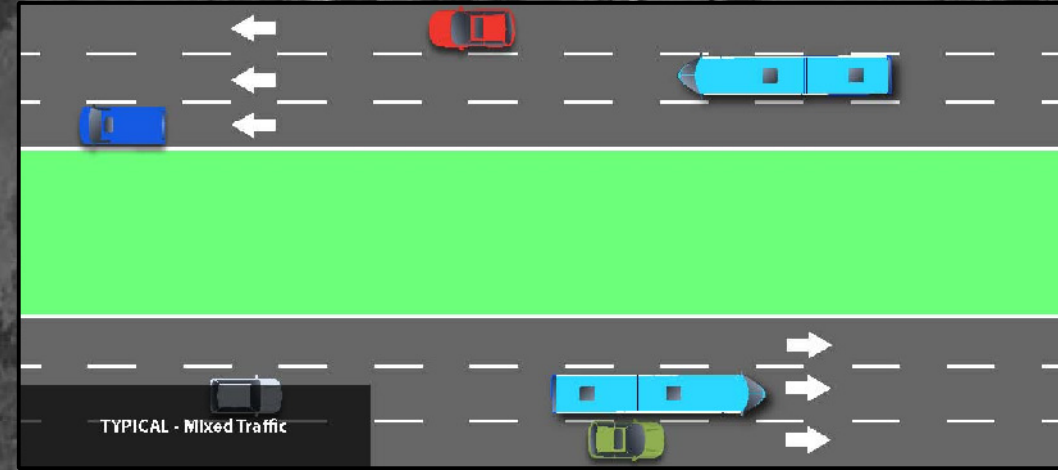
MATCH LINE 2
MATCH LINE 2

MATCH LINE 3
MATCH LINE 3

New Columbia Pike

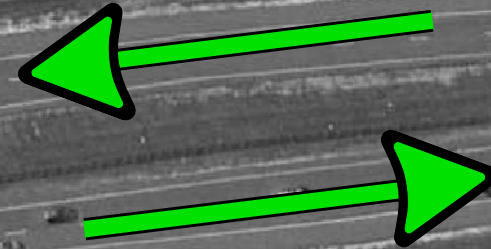
Dustin Road

Dustin Road



In Mixed Traffic

In Mixed Traffic



US 29 Columbia Pike
Burtonsville Park & Ride to Gales Lane
HOWARD COUNTY, MARYLAND

SCALE 200 FEET

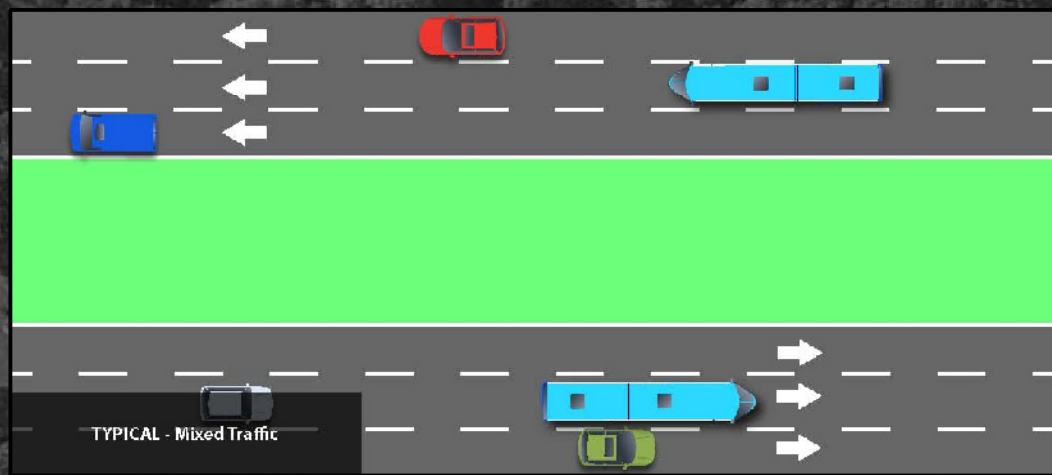
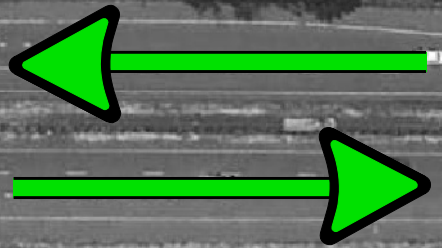
MATCH LINE 3
MATCH LINE 3

MATCH LINE 4
MATCH LINE 4



In Mixed Traffic

In Mixed Traffic



US 29 Columbia Pike
Burtonsville Park & Ride to Gales Lane
HOWARD COUNTY, MARYLAND

SCALE 200 FEET



MATCH LINE 4

MATCH LINE 4

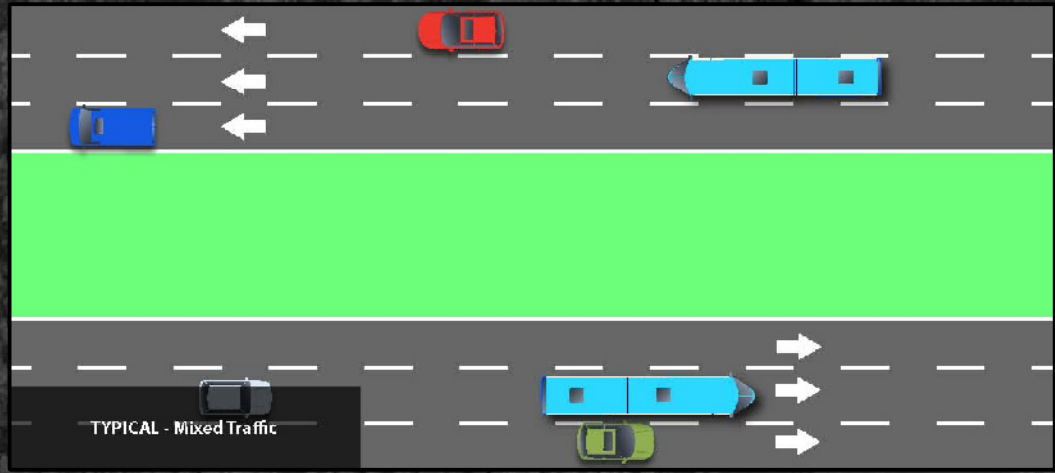
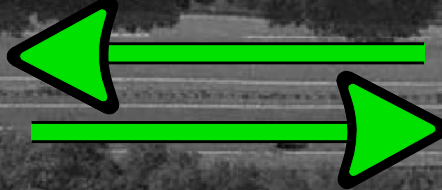
Montgomery County
Howard County



MATCH LINE 3
MATCH LINE 5

In Mixed Traffic

In Mixed Traffic



US 29 Columbia Pike
 Burtonsville Park & Ride to Gales Lane
 HOWARD COUNTY, MARYLAND

SCALE 200 FEET

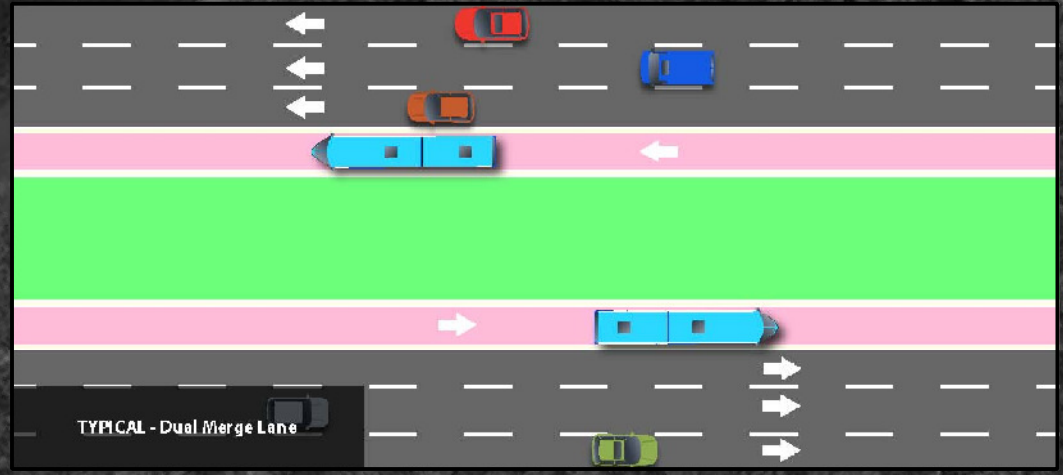
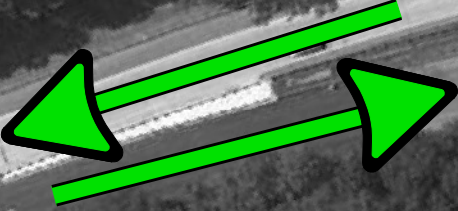


MATCH LINE 5
MATCH LINE 5

MATCH LINE 6
MATCH LINE 6



In Mixed Traffic
In Mixed Traffic



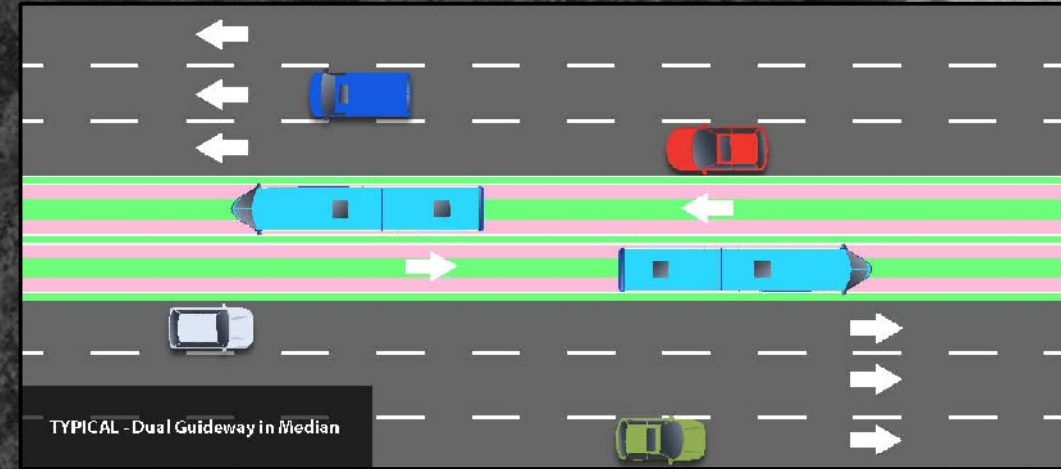
US 29 Columbia Pike
Burtonsville Park & Ride to Gales Lane
HOWARD COUNTY, MARYLAND

SCALE 200 FEET

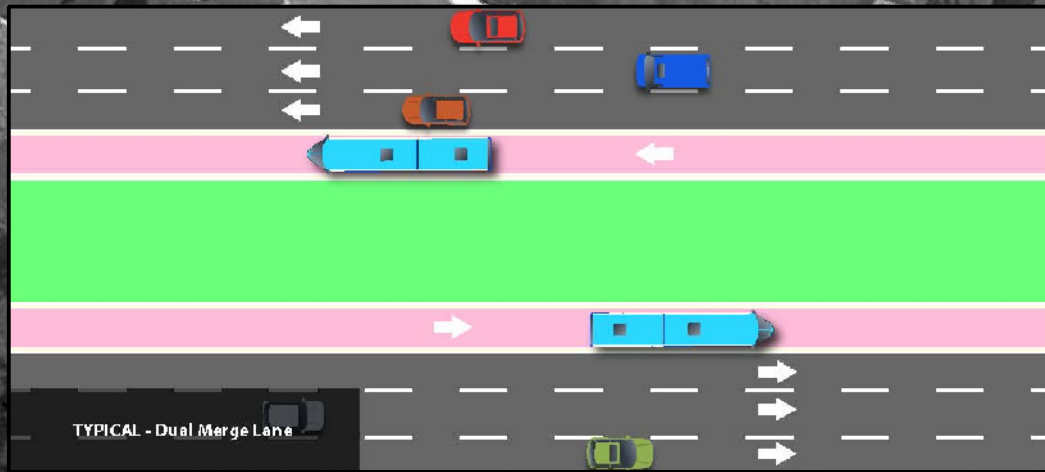


MATCH LINE 6
MATCH LINE 6

MATCH LINE 7
MATCH LINE 7



TYPICAL - Dual Guideway in Median



TYPICAL - Dual Merge Lane



US 29 Columbia Pike

Burtonsville Park & Ride to Gales Lane
HOWARD COUNTY, MARYLAND

SCALE 200 FEET



MATCH LINE 7
MATCH LINE 7

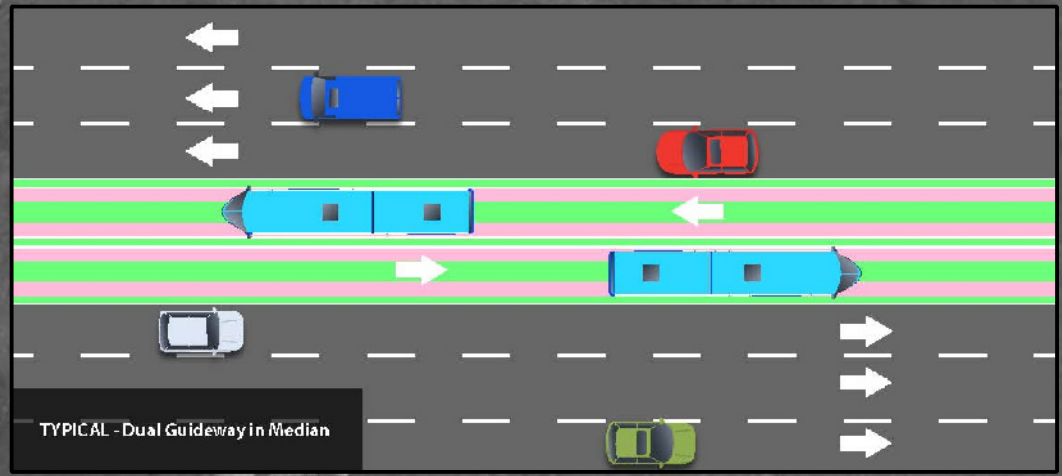
MATCH LINE 8
MATCH LINE 8

Old Columbia Pike

29

Install New Traffic Signal for
Recommended BRT Prioritization.

NEW



US 29 Columbia Pike
Burtonsville Park & Ride to Gales Lane
HOWARD COUNTY, MARYLAND

SCALE 200 FEET

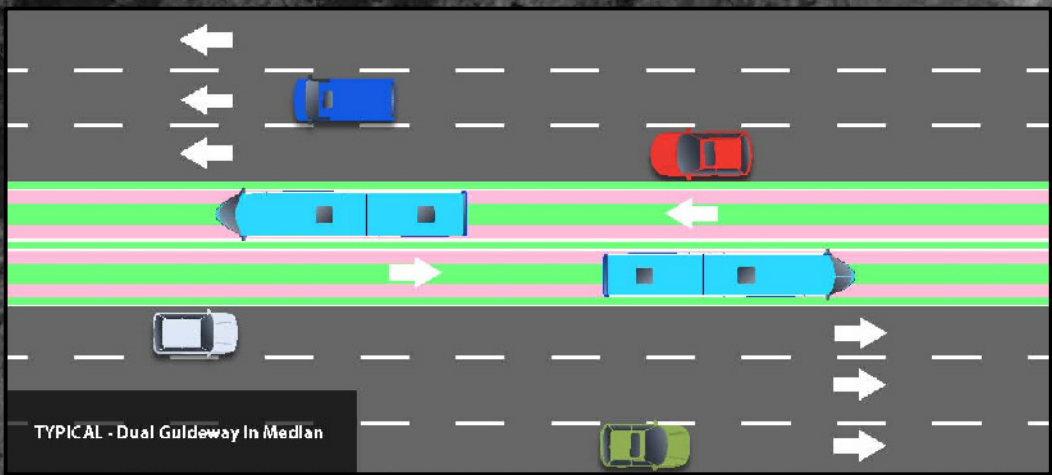


MATCH LINE 8

MATCH LINE 8

MATCH LINE 9

MATCH LINE 9



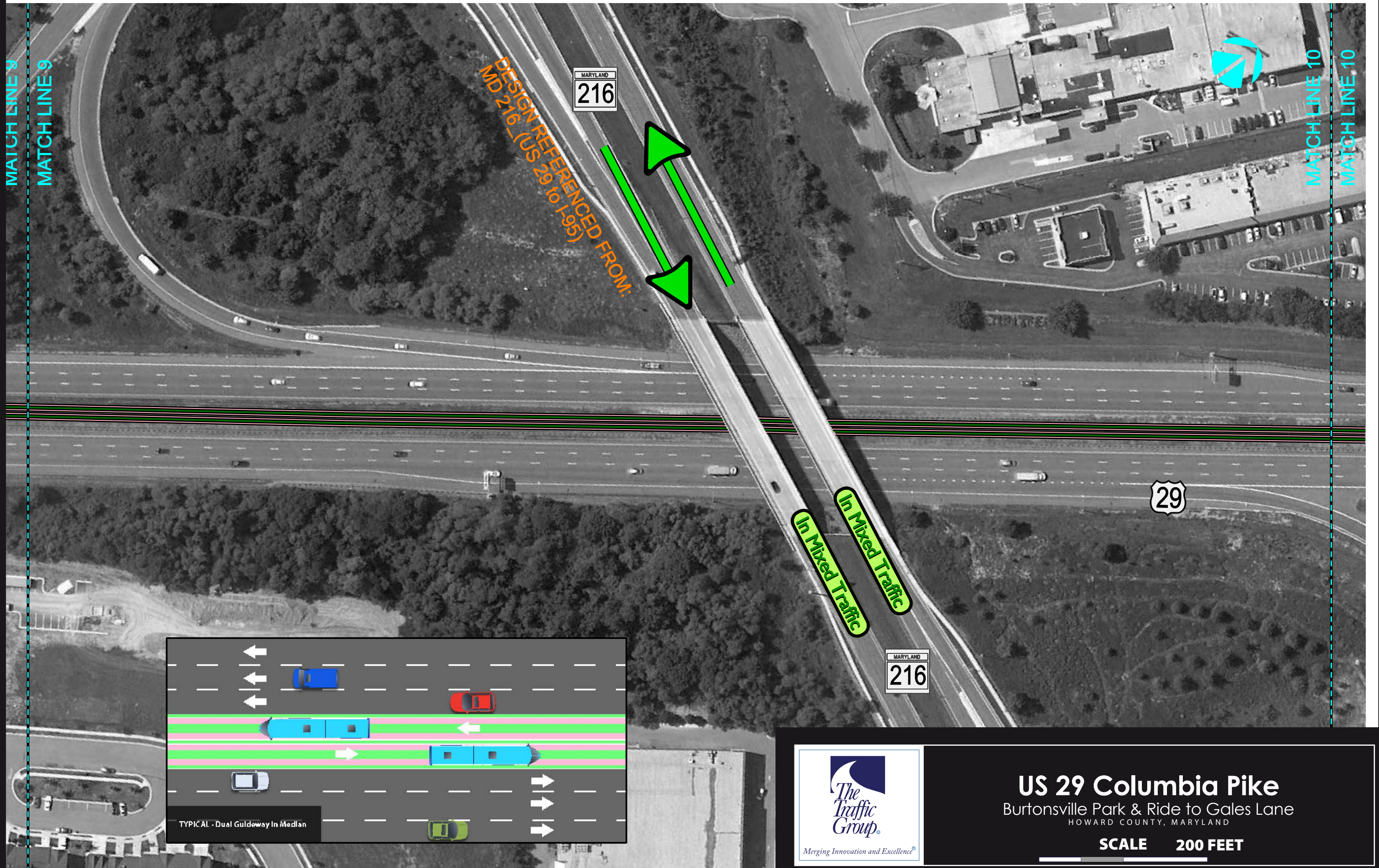
TYPICAL - Dual Guldeway In Median



US 29 Columbia Pike
 Burtonsville Park & Ride to Gales Lane
 HOWARD COUNTY, MARYLAND

SCALE 200 FEET





MATCH LINE 9
MATCH LINE 9

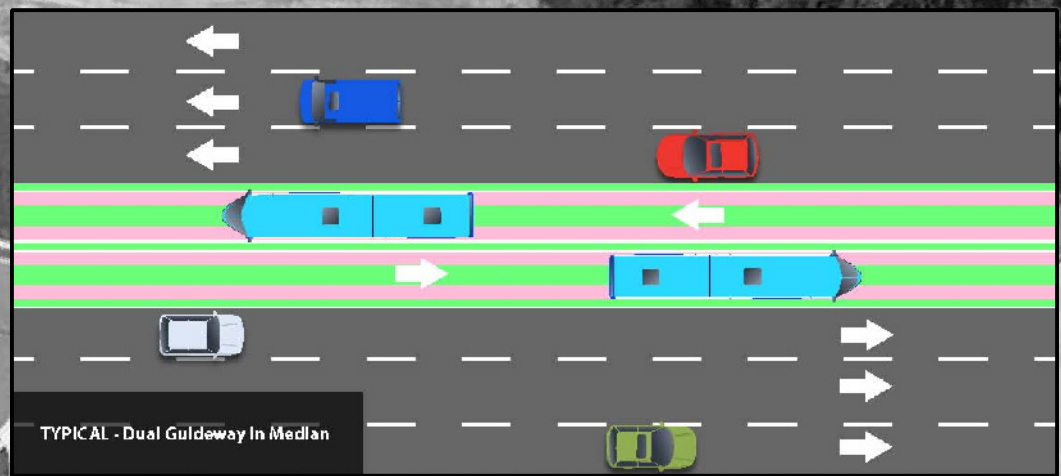
MATCH LINE 10
MATCH LINE 10

DESIGN REFERENCED FROM:
MD 216 (US 29 to I-95)

MARYLAND
216

MARYLAND
216

29



US 29 Columbia Pike
Burtonsville Park & Ride to Gales Lane
HOWARD COUNTY, MARYLAND

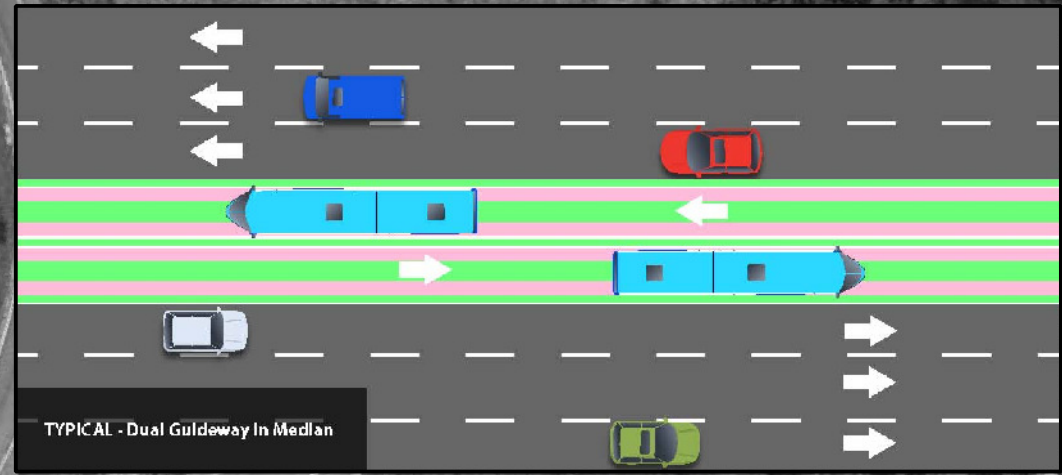
SCALE 200 FEET

MATCH LINE 10

MATCH LINE 10

MATCH LINE 11

MATCH LINE 11



TYPICAL - Dual Gullyway In Median



US 29 Columbia Pike
 Burtonsville Park & Ride to Gales Lane
 HOWARD COUNTY, MARYLAND

SCALE 200 FEET



MATCH LINE 11

MATCH LINE 11

MATCH LINE 12

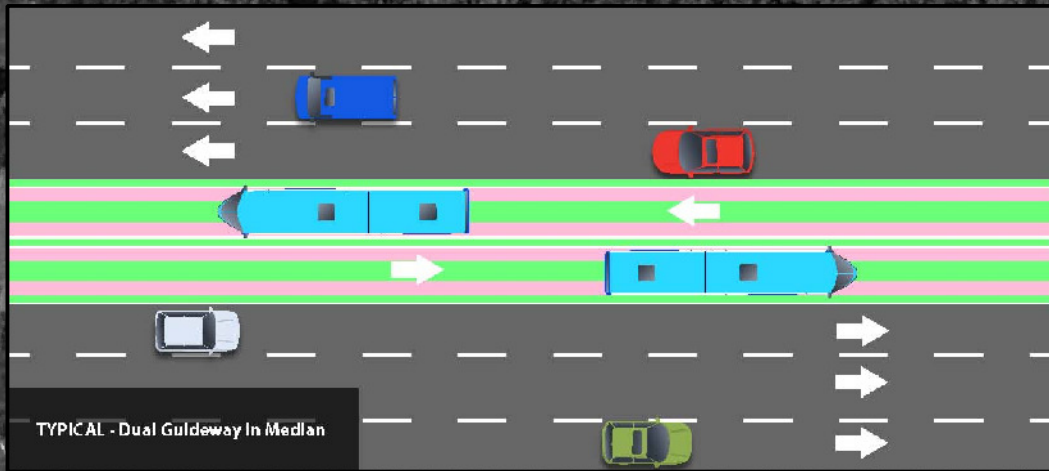
MATCH LINE 12



29

Hillcrest Drive

Hammond Drive



US 29 Columbia Pike
 Burtonsville Park & Ride to Gales Lane
 HOWARD COUNTY, MARYLAND

SCALE 200 FEET

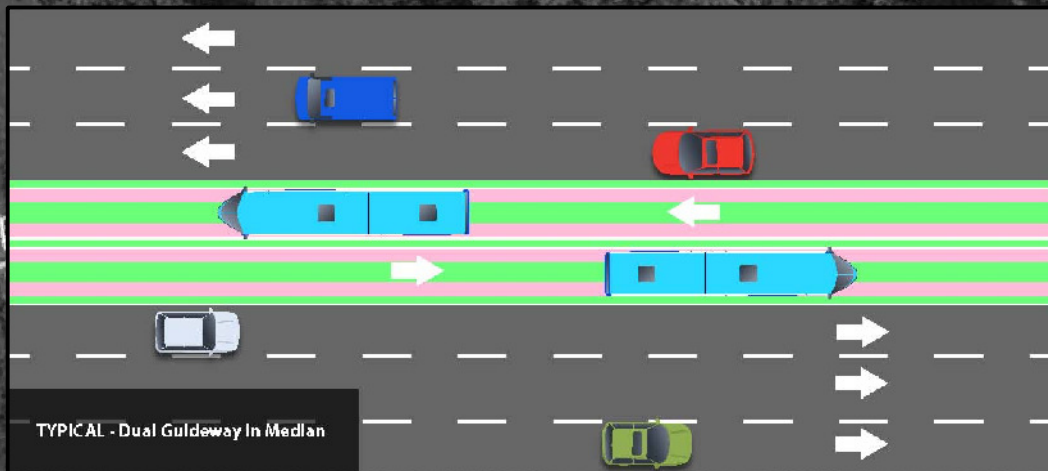
MATCH LINE 12

MATCH LINE 12

MATCH LINE 13

MATCH LINE 13

29



US 29 Columbia Pike
 Burtonsville Park & Ride to Gales Lane
 HOWARD COUNTY, MARYLAND

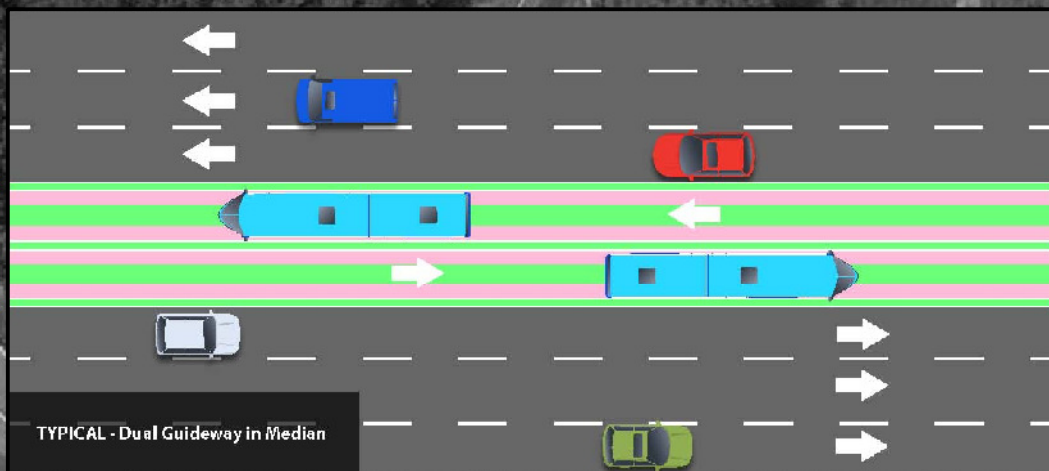
SCALE 200 FEET

MATCH LINE 13
MATCH LINE 13

MATCH LINE 14
MATCH LINE 14

Johns Hopkins Road

29



TYPICAL - Dual Guideway in Median



US 29 Columbia Pike
Burtonsville Park & Ride to Gales Lane
HOWARD COUNTY, MARYLAND

SCALE 200 FEET

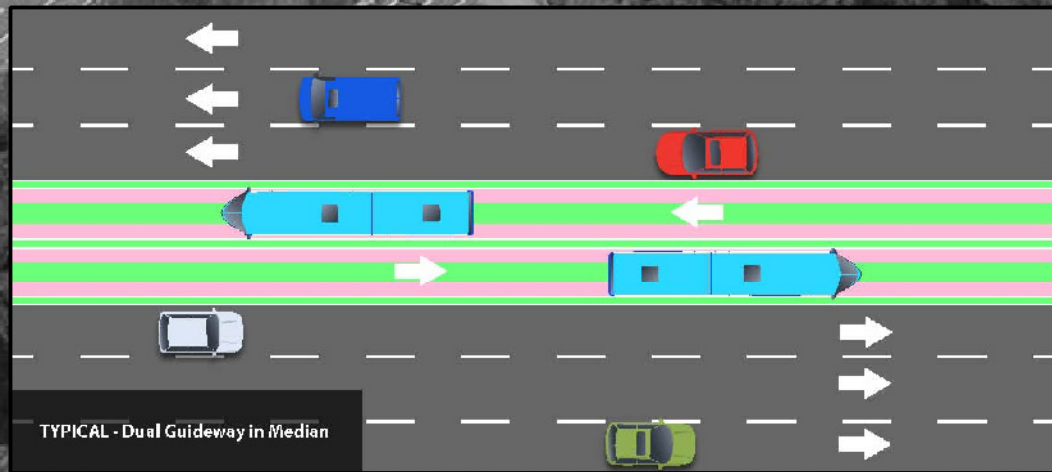


MATCH LINE 14

MATCH LINE 14

MATCH LINE 15

MATCH LINE 15



US 29 Columbia Pike
 Burtonsville Park & Ride to Gales Lane
 HOWARD COUNTY, MARYLAND

SCALE 200 FEET



MATCH LINE 16

MATCH LINE 16

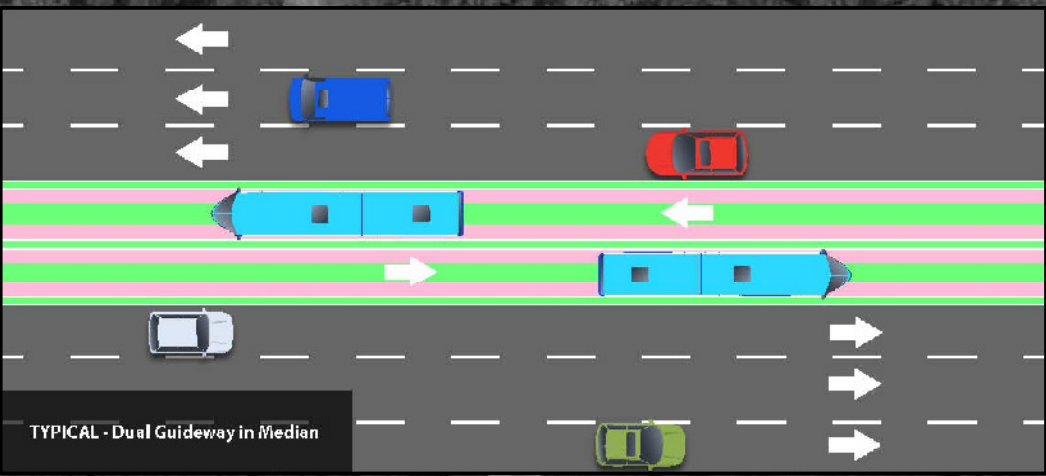
MATCH LINE 15

MATCH LINE 15

Construct New Bridge For
BRT Dual Guideway



Old Columbia Road



US 29 Columbia Pike
Burtonsville Park & Ride to Gales Lane
HOWARD COUNTY, MARYLAND

SCALE 200 FEET

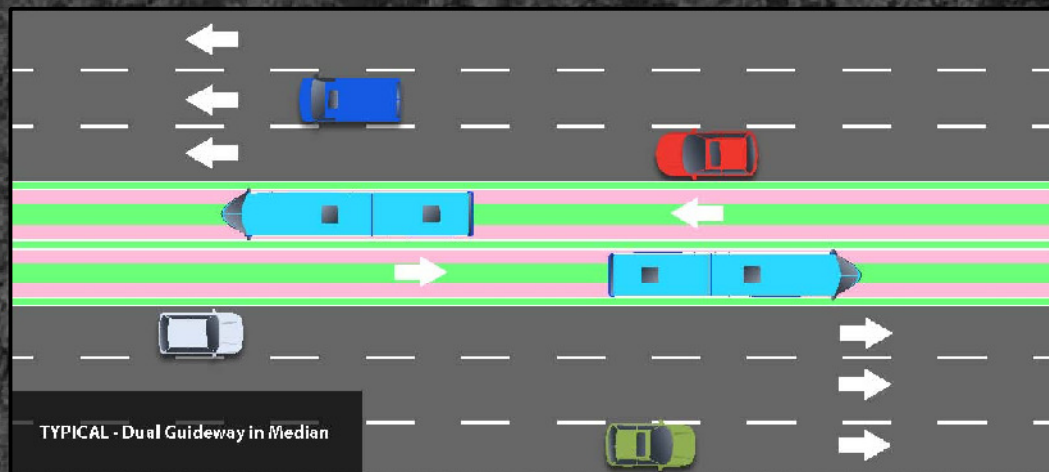


MATCH LINE 16
MATCH LINE 16

MATCH LINE 17
MATCH LINE 17

29

Construct New Bridge For
BRT Dual Guideway



US 29 Columbia Pike
Burtonsville Park & Ride to Gales Lane
HOWARD COUNTY, MARYLAND

SCALE 200 FEET

MATCH LINE 17

MATCH LINE 17

MATCH LINE 18

MATCH LINE 18

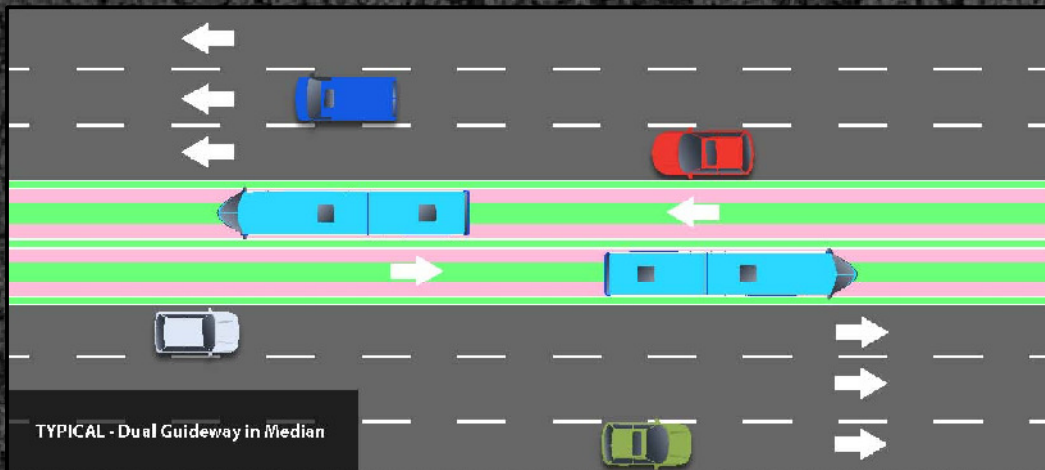
Rivers Edge Road

Old Columbia Road

29

NEW

Install New Traffic Signal for Recommended BRT Prioritization.



US 29 Columbia Pike
 Burtonsville Park & Ride to Gales Lane
 HOWARD COUNTY, MARYLAND

SCALE 200 FEET

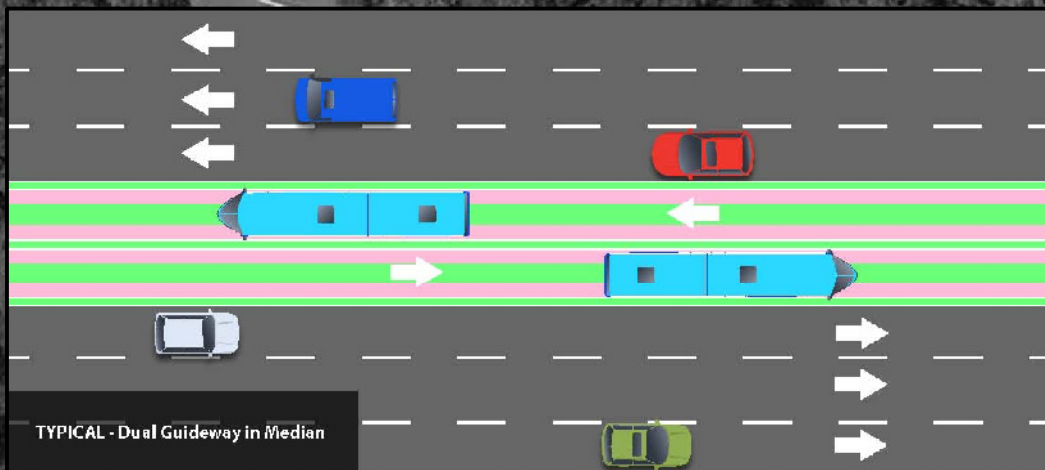


MATCH LINE 18

MATCH LINE 18

MATCH LINE 19

MATCH LINE 19



US 29 Columbia Pike
 Burtonsville Park & Ride to Gales Lane
 HOWARD COUNTY, MARYLAND

SCALE 200 FEET

MATCH LINE 19
MATCH LINE 19

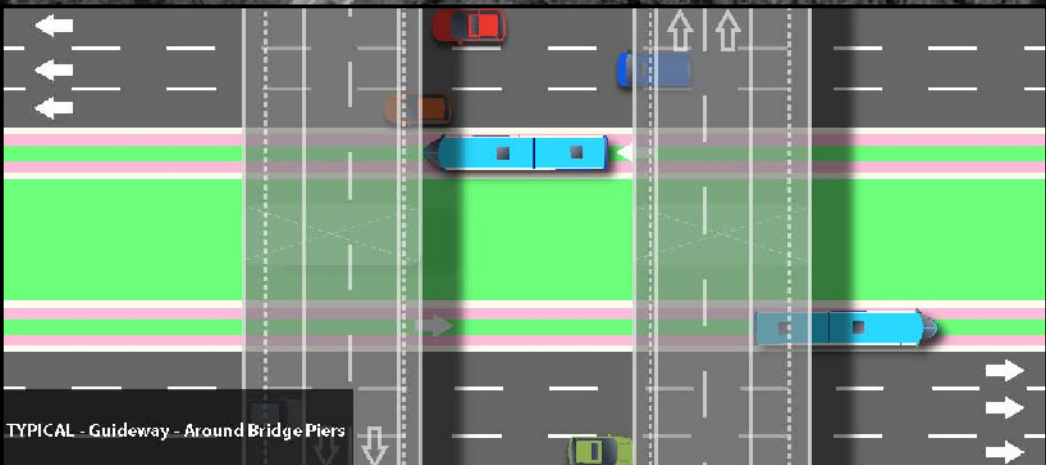
MATCH LINE 20
MATCH LINE 20

DESIGN REFERENCED FROM:
MD 32 (PART 1 - MD 108
to Broken Land)

BRT STATION AREA

BRT STATION

BRT STATION AREA



US 29 Columbia Pike
Burtonsville Park & Ride to Gales Lane
HOWARD COUNTY, MARYLAND

SCALE 200 FEET

MATCH LINE 20
MATCH LINE 20

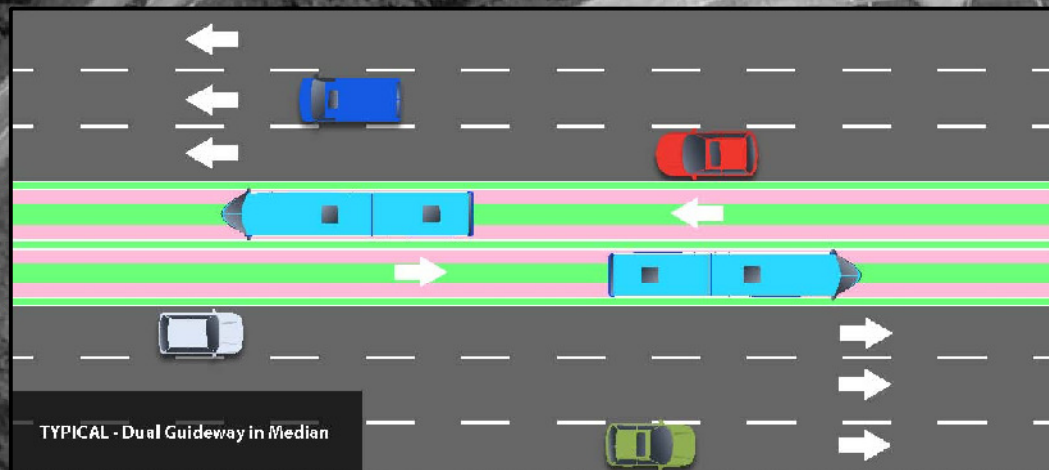
MATCH LINE 21
MATCH LINE 21



Martin Road



Shaker Drive



US 29 Columbia Pike
Burtonsville Park & Ride to Gales Lane
HOWARD COUNTY, MARYLAND

SCALE 200 FEET

MATCH LINE 21

MATCH LINE 21

MATCH LINE 22

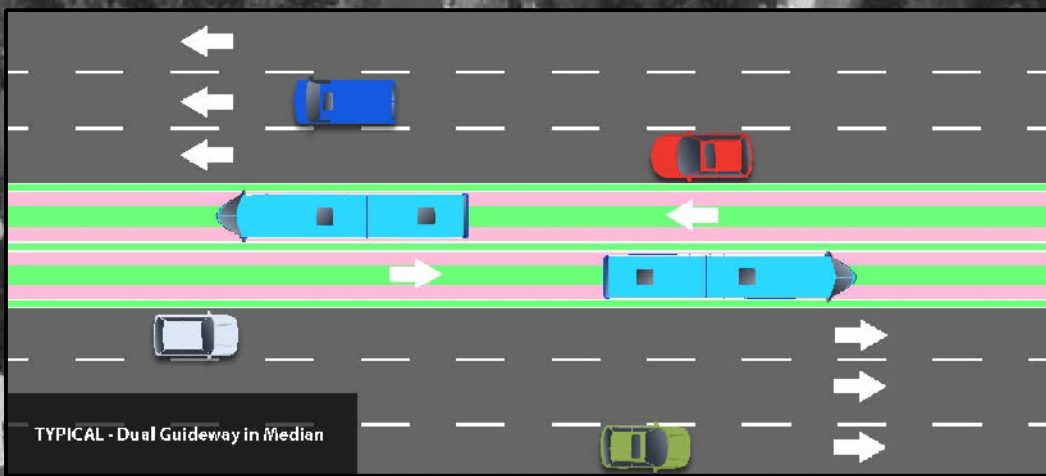
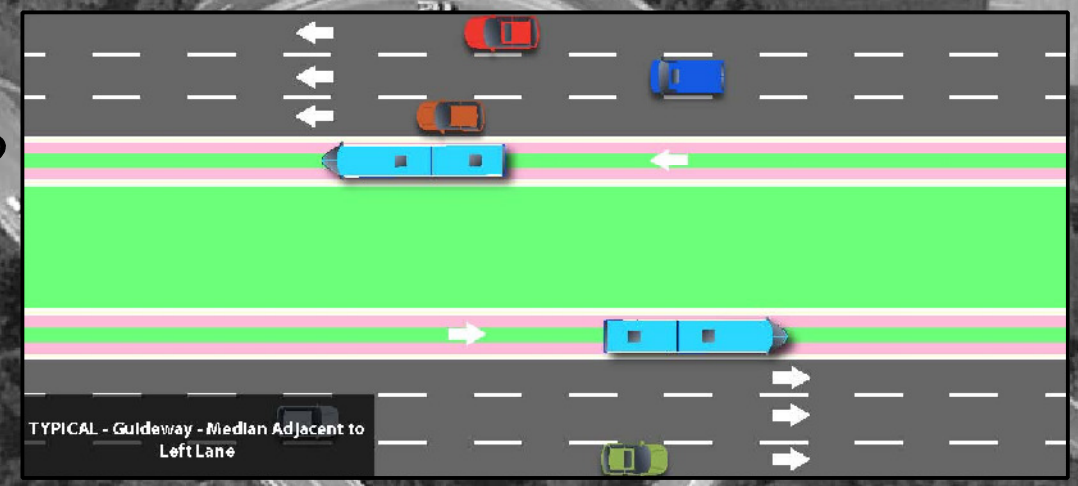
MATCH LINE 22

Seneca Drive

Shaker Drive

Seneca Drive

29



US 29 Columbia Pike
 Burtonsville Park & Ride to Gales Lane
 HOWARD COUNTY, MARYLAND

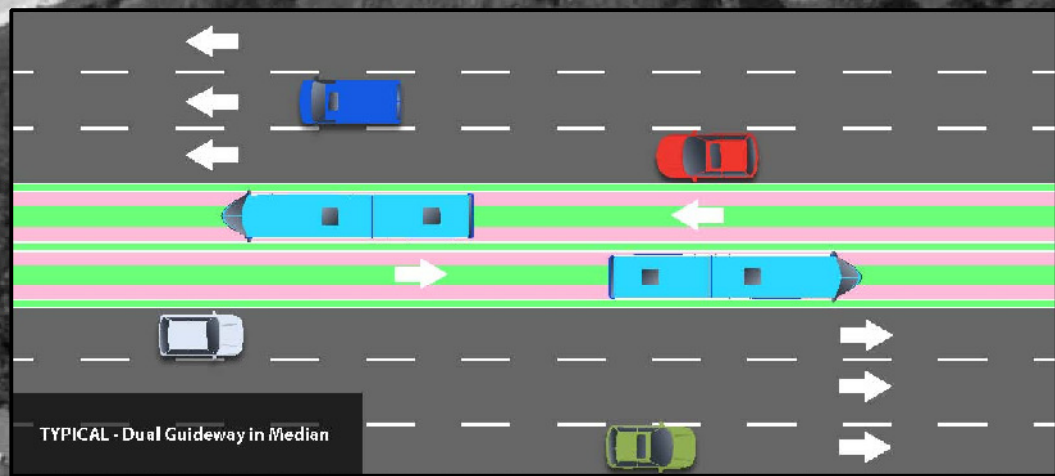
SCALE 200 FEET

MATCH LINE 22

MATCH LINE 22

MATCH LINE 23

MATCH LINE 23



US 29 Columbia Pike
 Burtonsville Park & Ride to Gales Lane
 HOWARD COUNTY, MARYLAND

SCALE 200 FEET

MATCH LINE 23

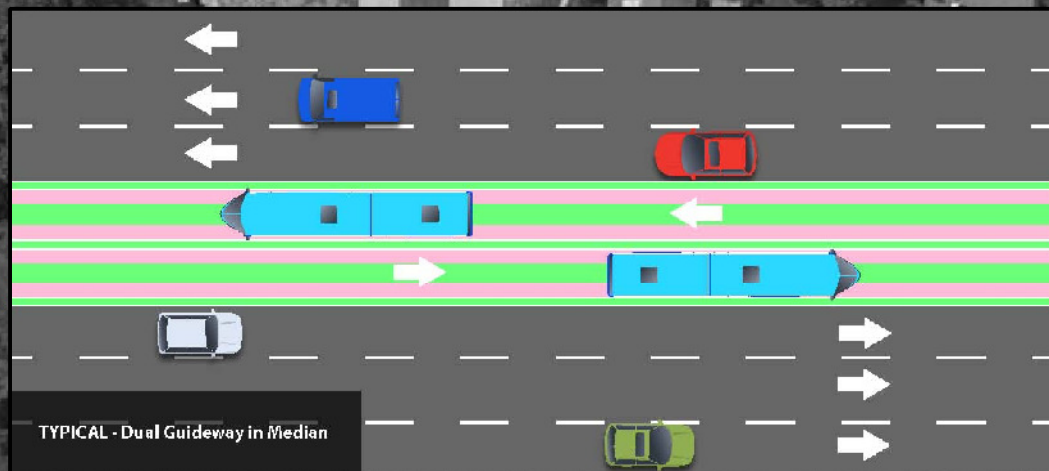
MATCH LINE 23

MATCH LINE 24

MATCH LINE 24



Shaker Drive



US 29 Columbia Pike
 Burtonsville Park & Ride to Gales Lane
 HOWARD COUNTY, MARYLAND

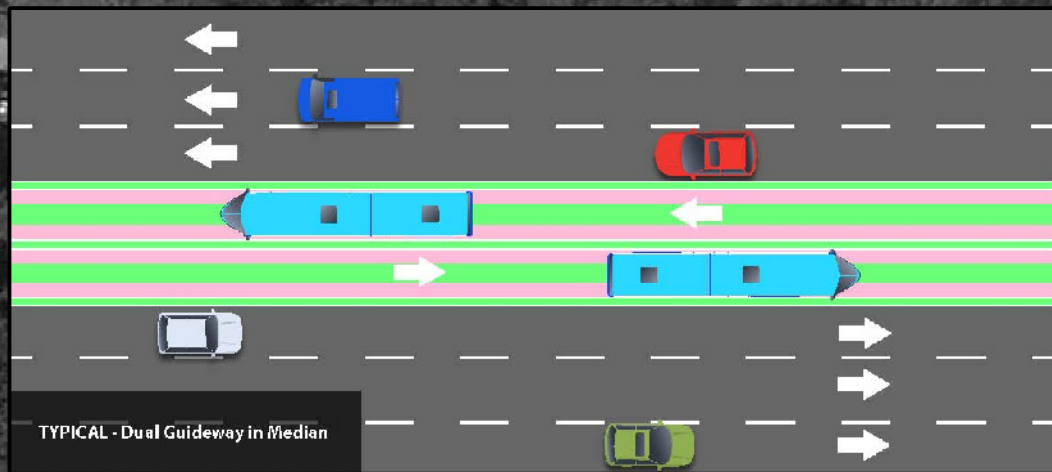
SCALE 200 FEET

MATCH LINE 24

MATCH LINE 24

MATCH LINE 25

MATCH LINE 25



US 29 Columbia Pike
 Burtonsville Park & Ride to Gales Lane
 HOWARD COUNTY, MARYLAND

SCALE 200 FEET

MATCH LINE 25
MATCH LINE 25

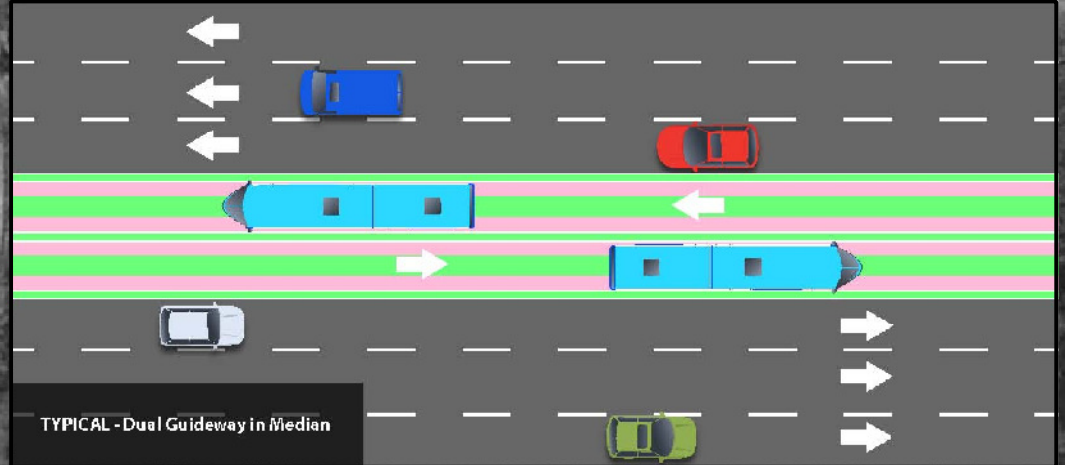
Broken Land Parkway

DESIGN REFERENCED FROM:
Broken Land Pkwy_(TC to Snowden)

Broken Land Parkway



MATCH LINE 26
MATCH LINE 26



Construct New Bridge For
BRT Dual Guideway



US 29 Columbia Pike
Burtonsville Park & Ride to Gales Lane
HOWARD COUNTY, MARYLAND

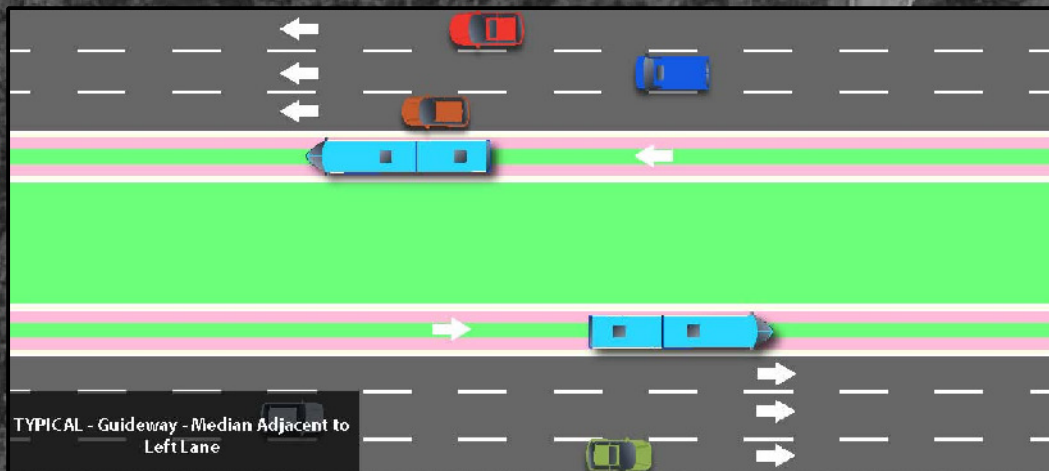
SCALE 200 FEET

MATCH LINE 26
MATCH LINE 26

MATCH LINE 27
MATCH LINE 27

S. Entrance Road

29



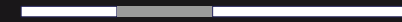
TYPICAL - Guideway - Median Adjacent to Left Lane



US 29 Columbia Pike

Burtonsville Park & Ride to Gales Lane
HOWARD COUNTY, MARYLAND

SCALE 200 FEET

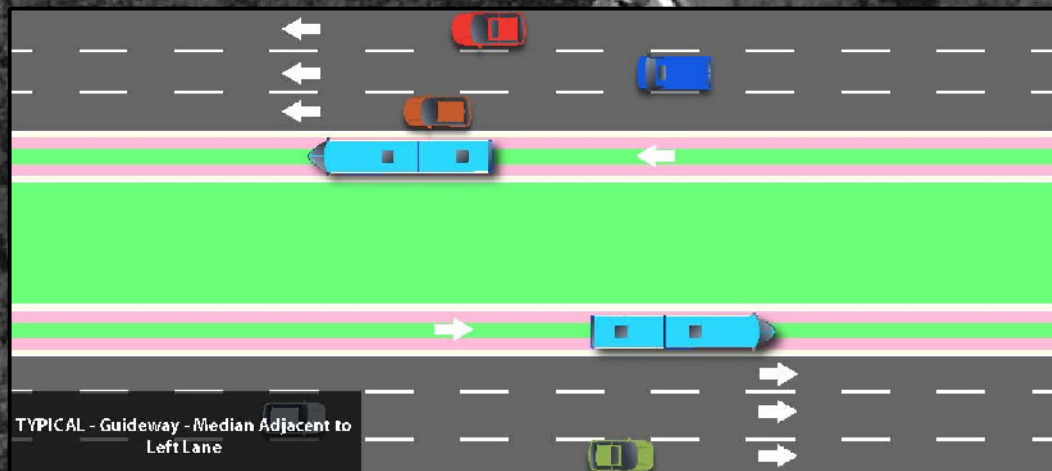


MATCH LINE 27

MATCH LINE 27

MATCH LINE 28

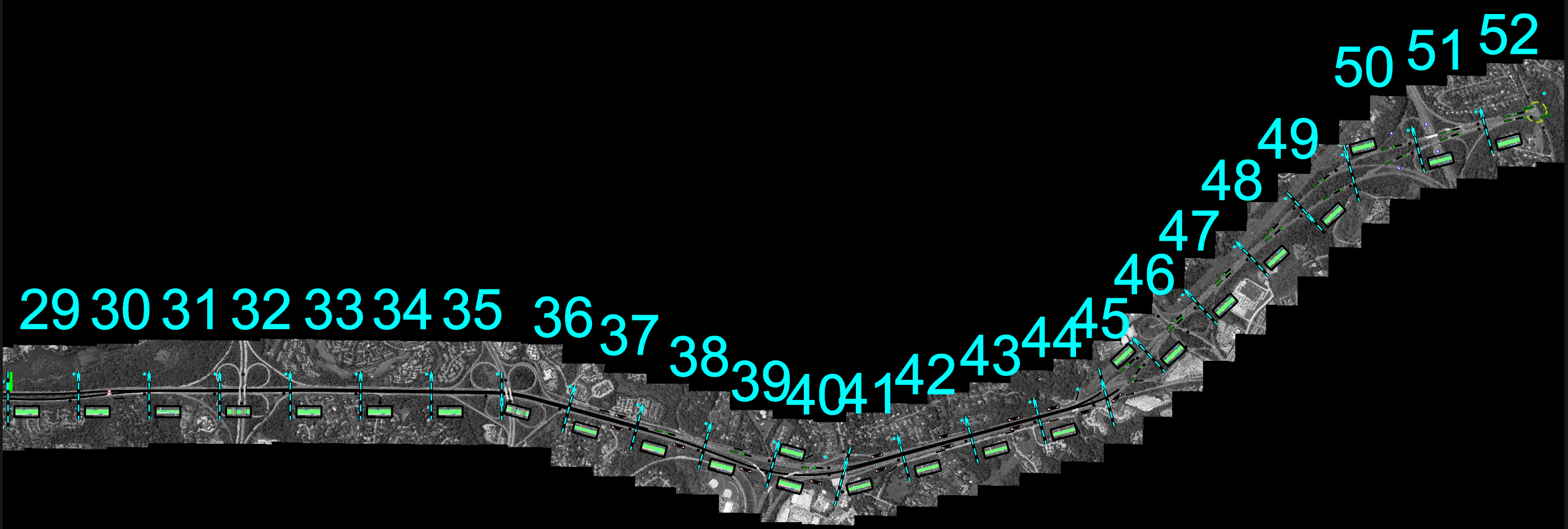
MATCH LINE 28



US 29 Columbia Pike
 Burtonsville Park & Ride to Gales Lane
 HOWARD COUNTY, MARYLAND

SCALE 200 FEET





Merging Innovation and Excellence®

US 29 Columbia Pike

Gales Lane to MD 99
HOWARD COUNTY, MARYLAND

SCALE 200 FEET





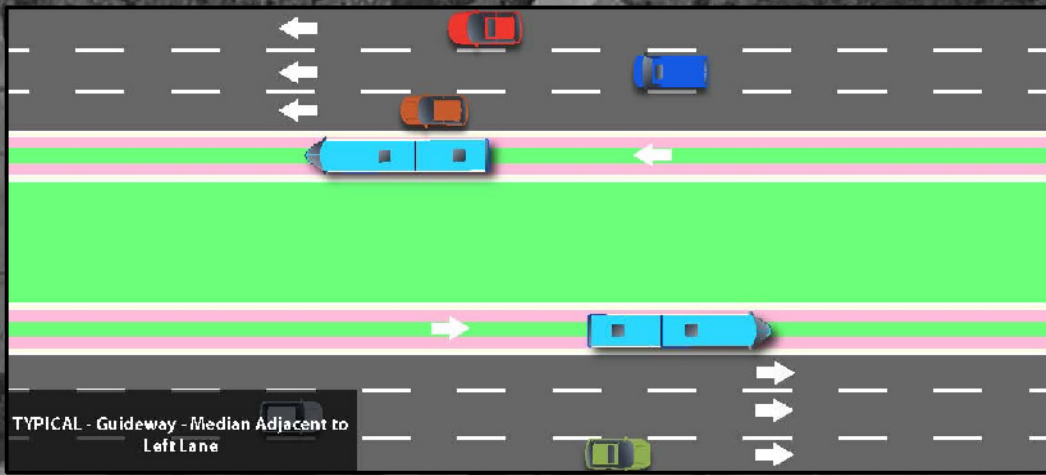
MATCH LINE 28

MATCH LINE 28

CONNECTS TO
(BASE_US29_(PART 1_MD198 to TC).dgn)

MATCH LINE 29

MATCH LINE 29



US 29 Columbia Pike

Gales Lane to MD 99
HOWARD COUNTY, MARYLAND

SCALE 200 FEET



MATCH LINE 29

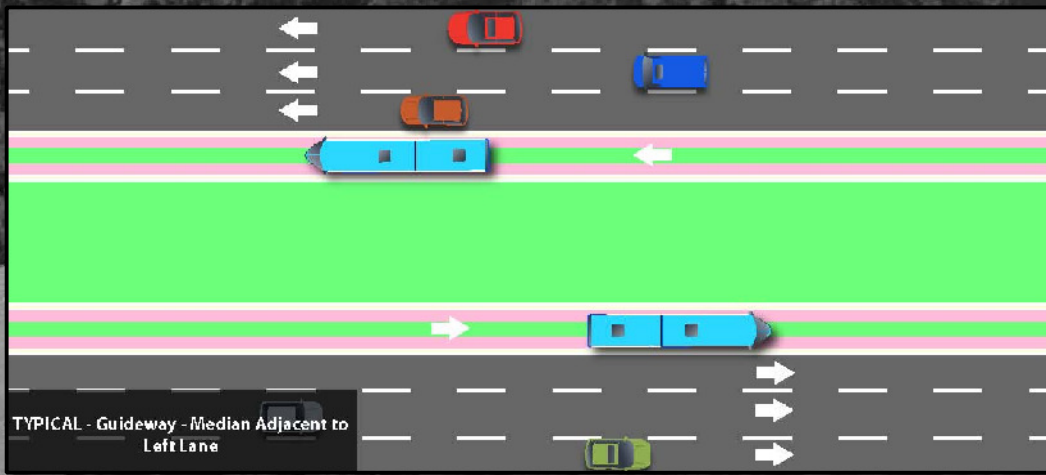
MATCH LINE 29

MATCH LINE 30

MATCH LINE 30



Old Columbia Road



US 29 Columbia Pike

Gales Lane to MD 99
HOWARD COUNTY, MARYLAND

SCALE 200 FEET

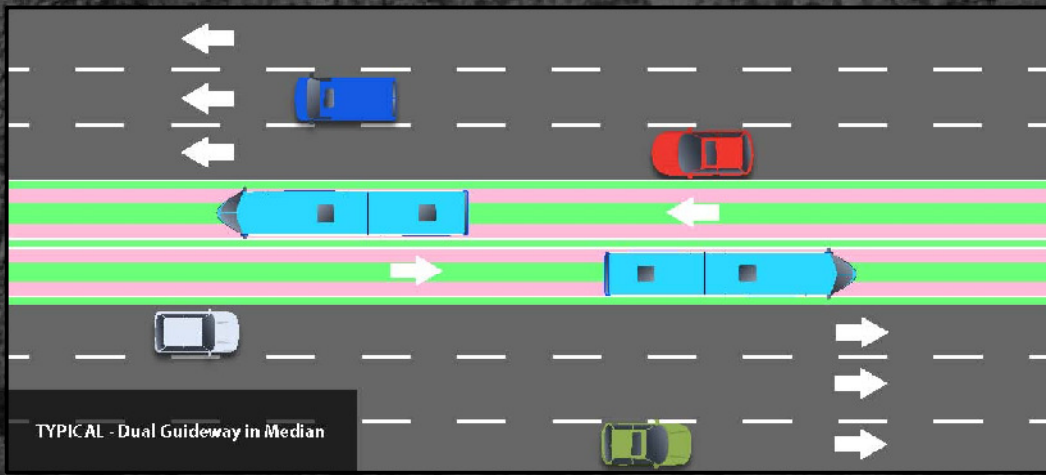


MATCH LINE 30

MATCH LINE 30

MATCH LINE 31

MATCH LINE 31



US 29 Columbia Pike

Gales Lane to MD 99
HOWARD COUNTY, MARYLAND

SCALE 200 FEET



MATCH LINE 31

MATCH LINE 31

MATCH LINE 32

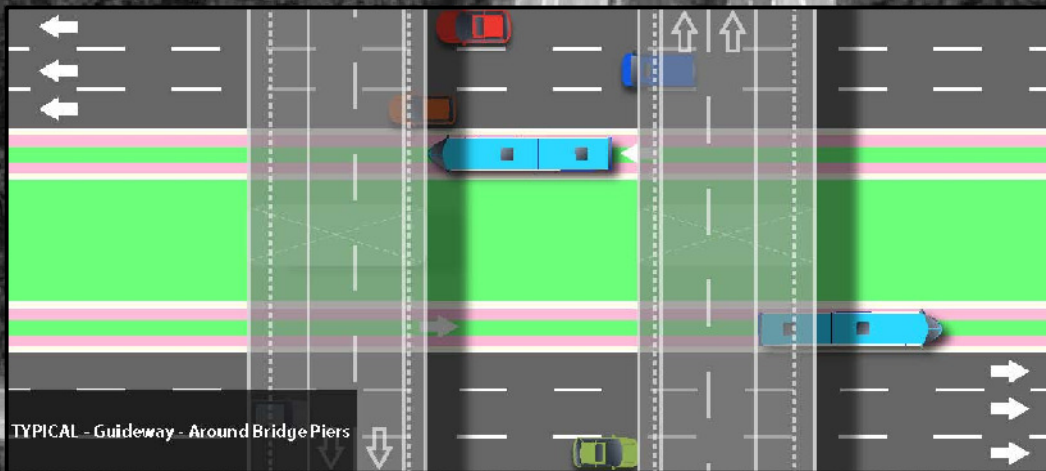
MATCH LINE 32



MARYLAND
175

MARYLAND
175

29



US 29 Columbia Pike

Gales Lane to MD 99
HOWARD COUNTY, MARYLAND

SCALE 200 FEET

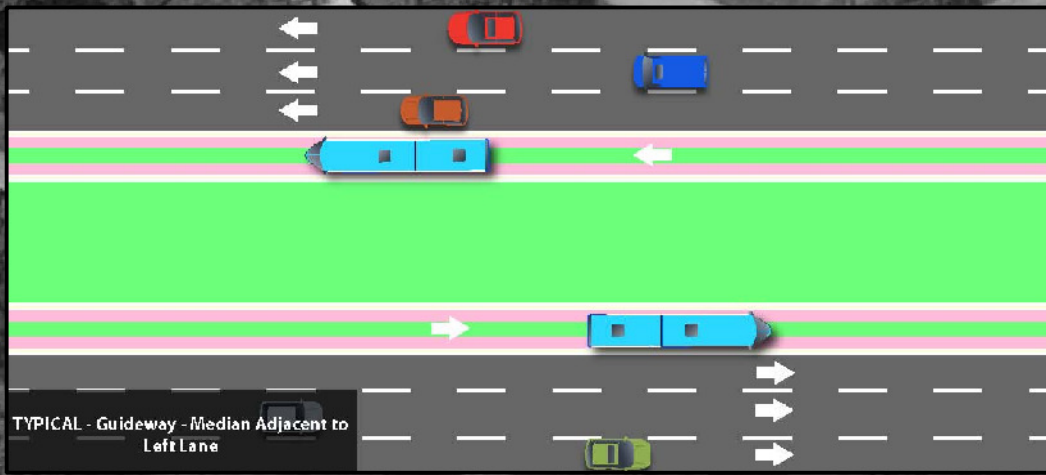


MATCH LINE 32

MATCH LINE 32

MATCH LINE 33

MATCH LINE 33



US 29 Columbia Pike

Gales Lane to MD 99
HOWARD COUNTY, MARYLAND

SCALE 200 FEET



MATCH LINE 33

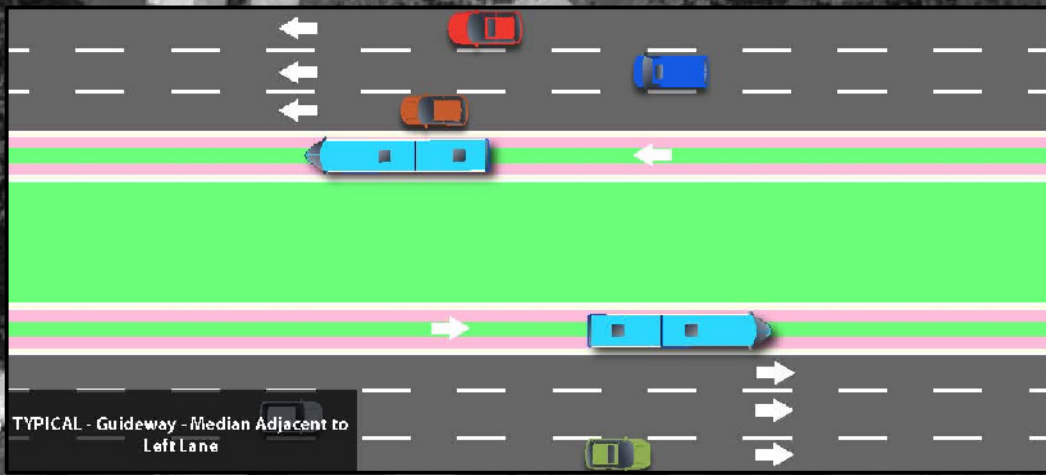
MATCH LINE 33

MATCH LINE 34

MATCH LINE 34



Diamondback Drive



US 29 Columbia Pike

Gales Lane to MD 99
HOWARD COUNTY, MARYLAND

SCALE 200 FEET



MATCH LINE 34

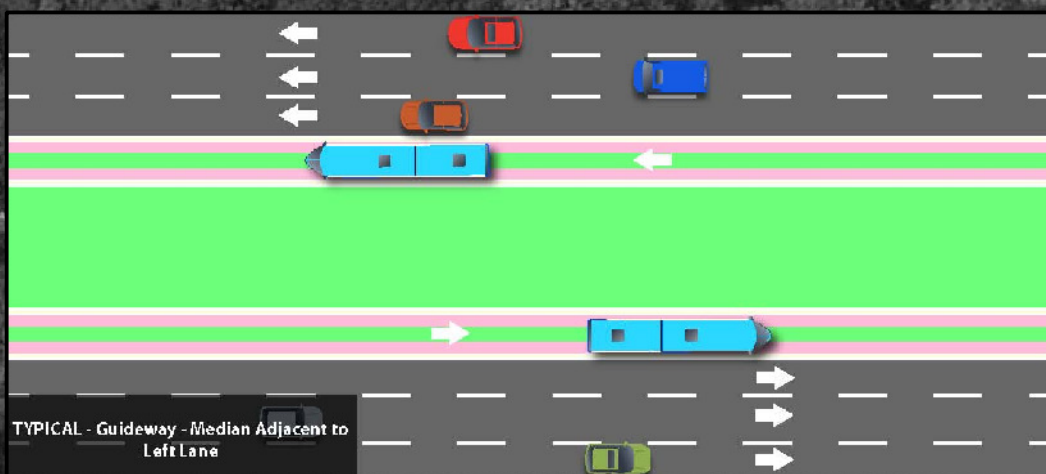
MATCH LINE 34



MATCH LINE 35

MATCH LINE 35

29



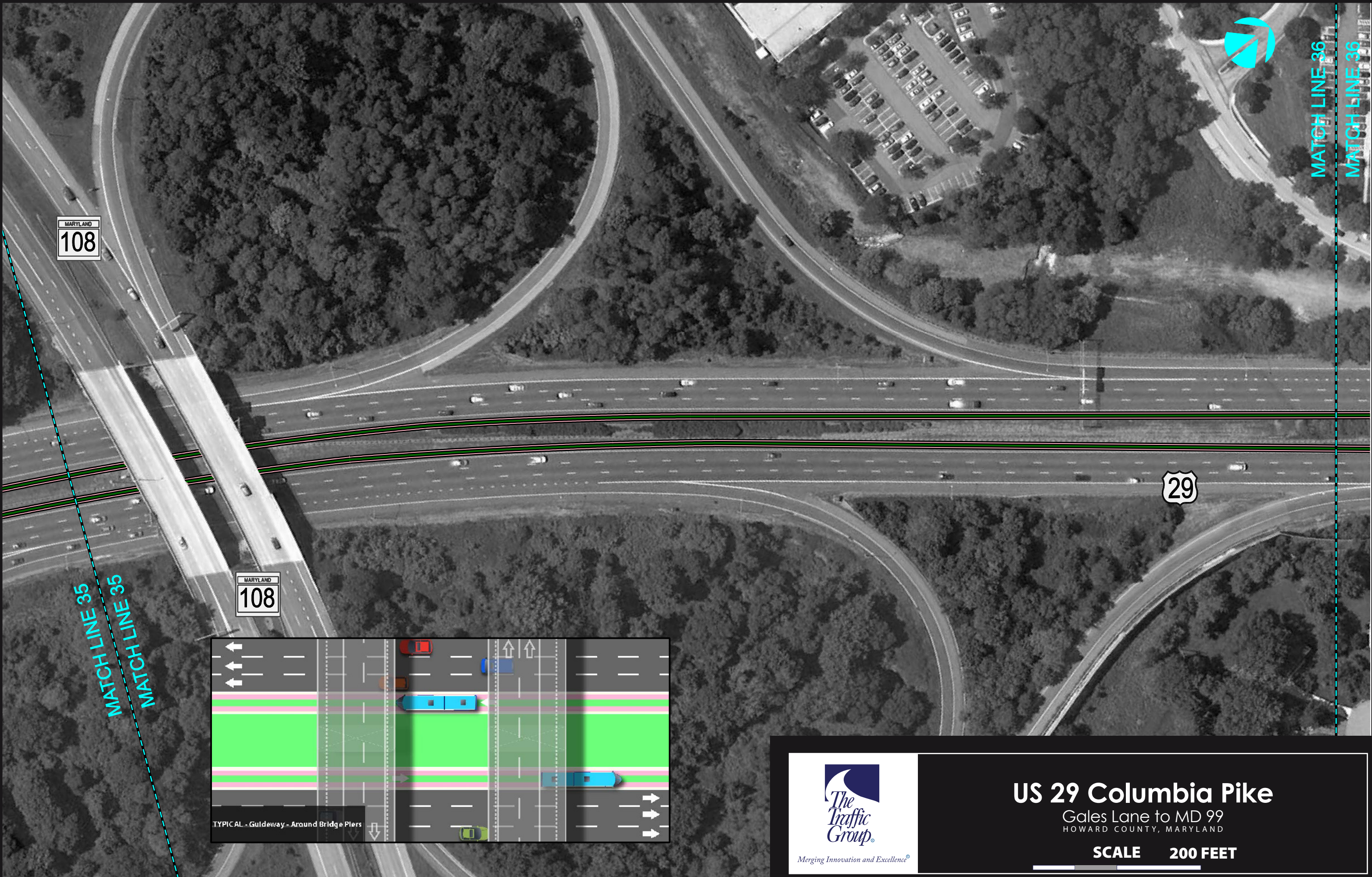
Merging Innovation and Excellence

US 29 Columbia Pike

Gales Lane to MD 99
HOWARD COUNTY, MARYLAND

SCALE 200 FEET





MARYLAND
108

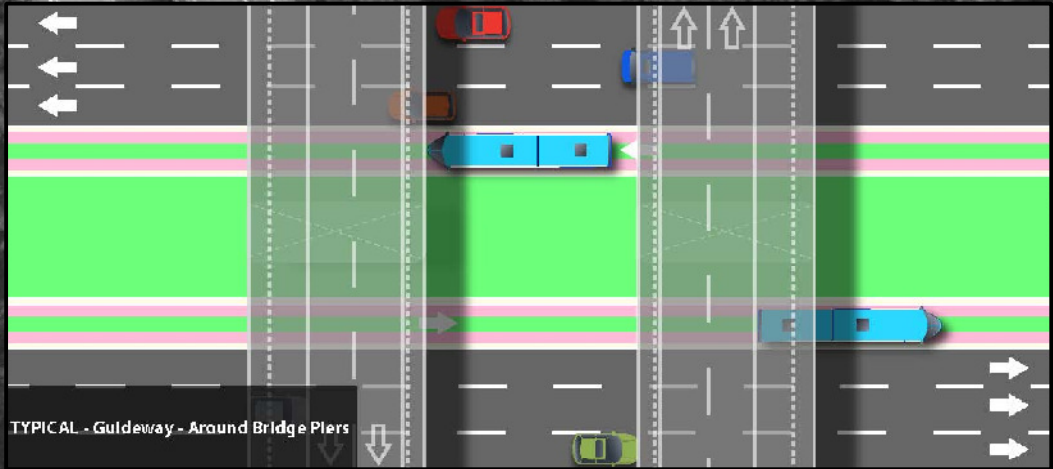
MARYLAND
108

29

MATCH LINE 36

MATCH LINE 36

MATCH LINE 35
MATCH LINE 35



US 29 Columbia Pike
Gales Lane to MD 99
HOWARD COUNTY, MARYLAND

SCALE 200 FEET

MATCH LINE 36

MATCH LINE 36

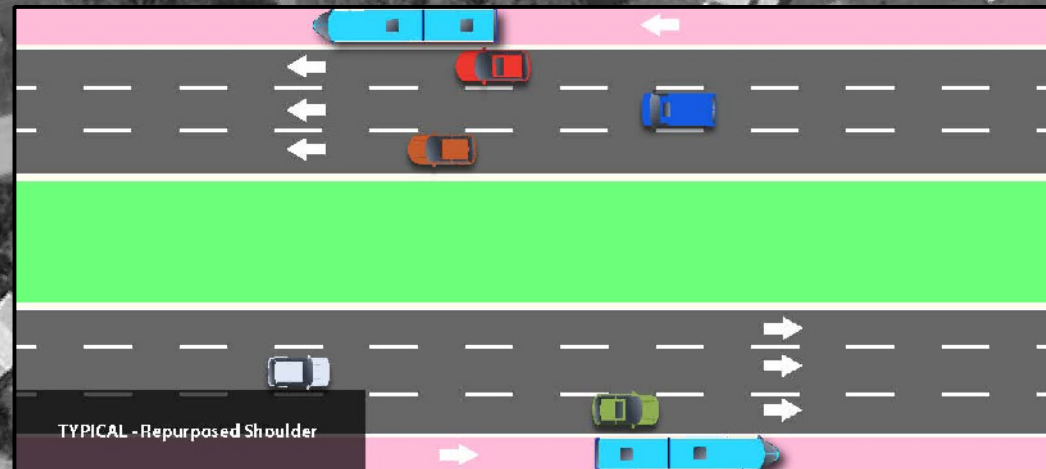
MATCH LINE 37

MATCH LINE 37

Dorsey Hall Drive

Repurpose Existing Shoulders for BRT Lanes.

Repurpose Existing Shoulders for BRT Lanes.



US 29 Columbia Pike
Gales Lane to MD 99
HOWARD COUNTY, MARYLAND

SCALE 200 FEET



MATCH LINE 37

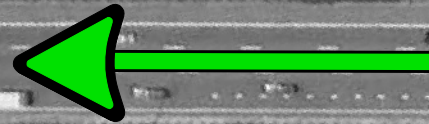
MATCH LINE 37

MATCH LINE 38

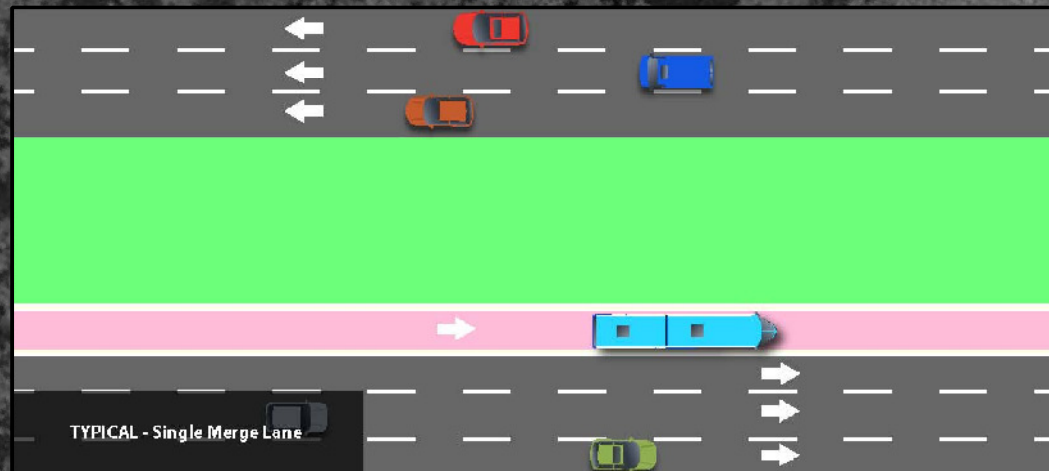
MATCH LINE 38



In Mixed Traffic



Repurpose Existing Shoulders for BRT Lanes.



Merging Innovation and Excellence

US 29 Columbia Pike

Gales Lane to MD 99
HOWARD COUNTY, MARYLAND

SCALE 200 FEET

MATCH LINE 38

MATCH LINE 38

MATCH LINE 39

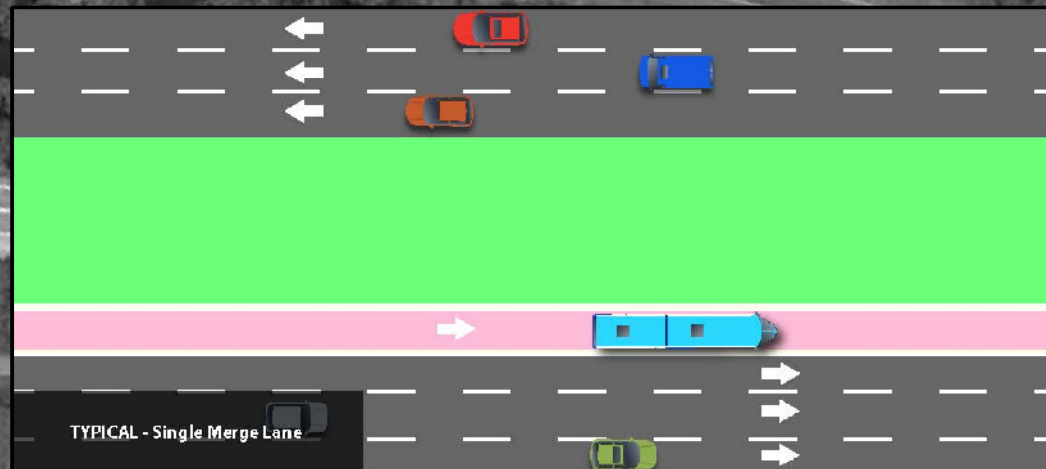
MATCH LINE 39

Columbia Road

In Mixed Traffic



Repurpose Existing Shoulders for BRT Lanes.



US 29 Columbia Pike
Gales Lane to MD 99
HOWARD COUNTY, MARYLAND

SCALE 200 FEET

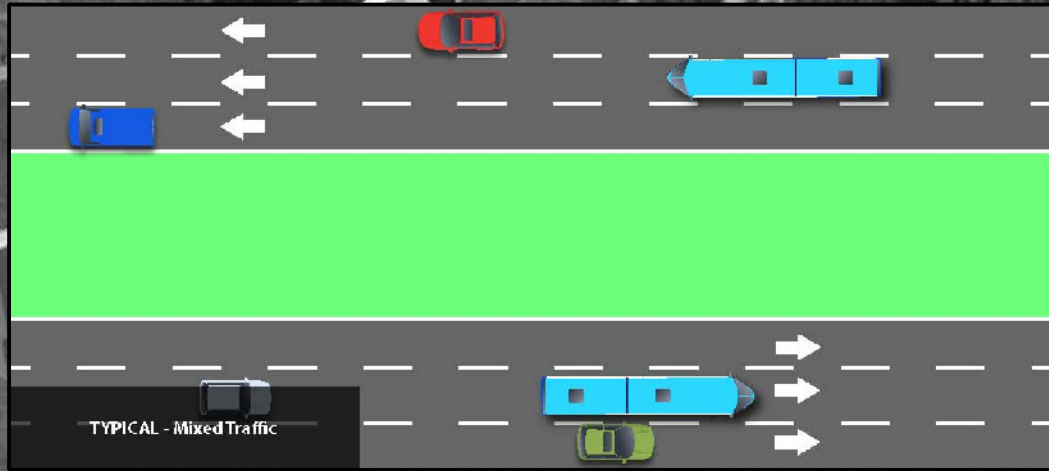


MATCH LINE 39

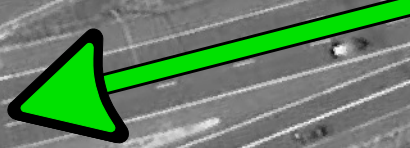
MATCH LINE 39

MATCH LINE 40

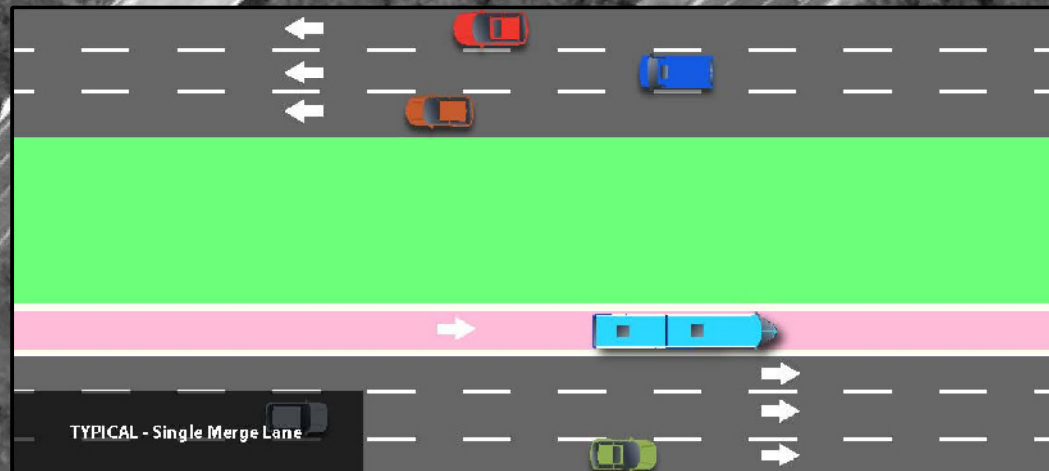
MATCH LINE 40



In Mixed Traffic



Repurpose Existing Shoulders for BRT Lanes.



US 29 Columbia Pike

Gales Lane to MD 99
HOWARD COUNTY, MARYLAND

SCALE 200 FEET



Columbia Road



MARYLAND
103



MATCH LINE 41

MATCH LINE 41

MATCH LINE 40
MATCH LINE 40

Repurpose Existing Shoulders
for BRT Lanes.

Repurpose Existing Shoulders
for BRT Lanes.

29

Toll House Road

MARYLAND
103



US 29 Columbia Pike

Gales Lane to MD 99
HOWARD COUNTY, MARYLAND

SCALE 200 FEET

MATCH LINE 41

MATCH LINE 41

MATCH LINE 42

MATCH LINE 42



Repurpose Existing Shoulders
for BRT Lanes.

Repurpose Existing Shoulders
for BRT Lanes.



Toll House Road



Merging Innovation and Excellence

US 29 Columbia Pike
Gales Lane to MD 99
HOWARD COUNTY, MARYLAND

SCALE 200 FEET

MATCH LINE 42

MATCH LINE 42

MATCH LINE 43

MATCH LINE 43



Repurpose Existing Shoulders for BRT Lanes.

Repurpose Existing Shoulders for BRT Lanes.

Toll House Road



Merging Innovation and Excellence

US 29 Columbia Pike

Gales Lane to MD 99
HOWARD COUNTY, MARYLAND

SCALE 200 FEET

MATCH LINE 43

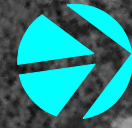
MATCH LINE 43

MATCH LINE 44

MATCH LINE 44

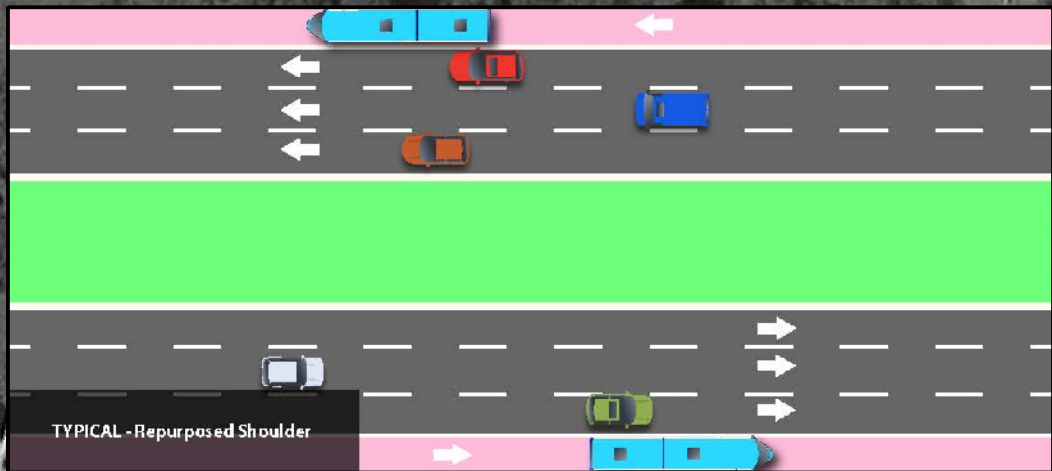
Repurpose Existing Shoulders for BRT Lanes.

Frederick Road



Toll House Road

Repurpose Existing Shoulders and Acceleration / Deceleration Lanes for BRT Lanes.



Frederick Road

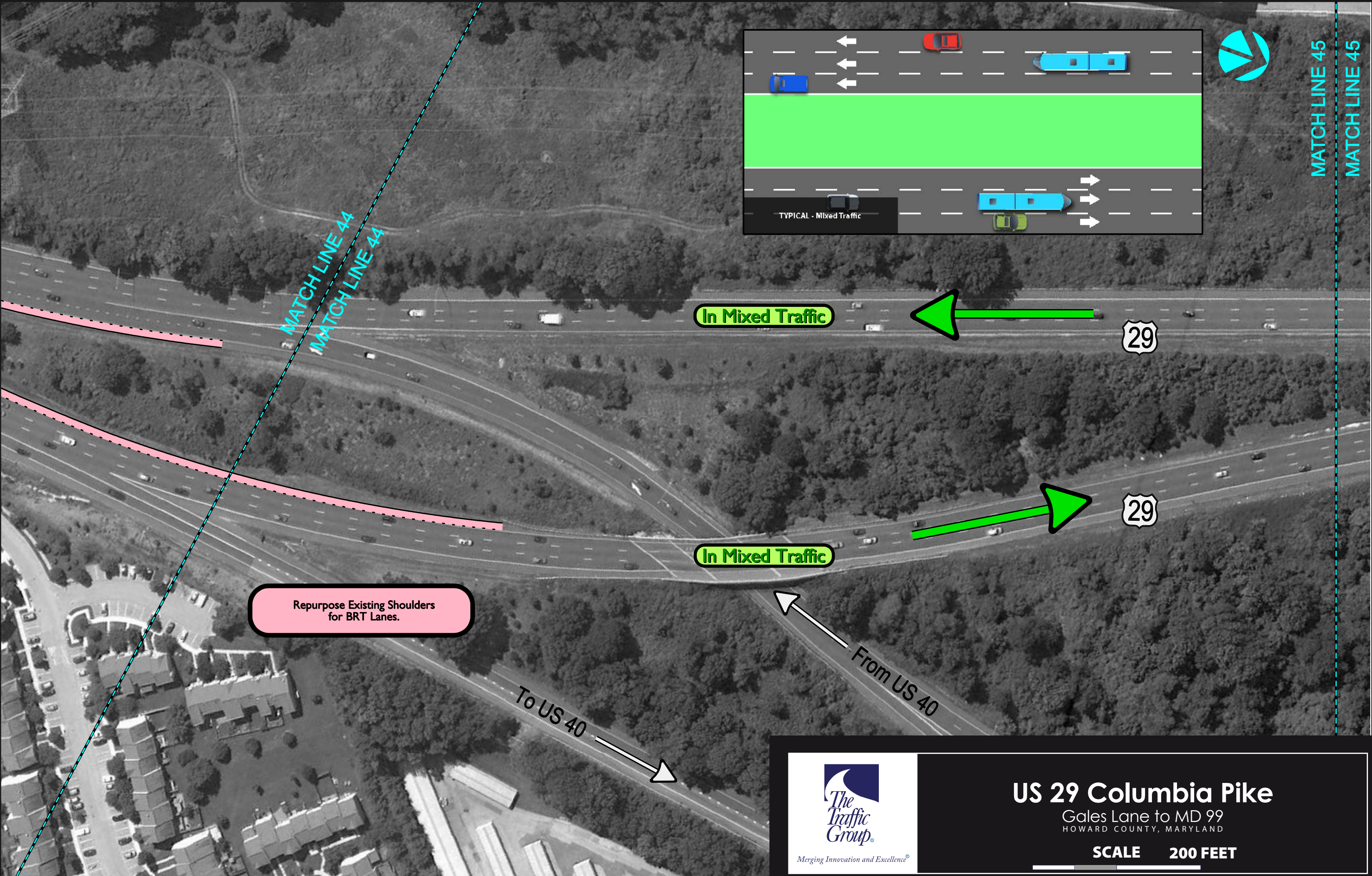


US 29 Columbia Pike

Gales Lane to MD 99
HOWARD COUNTY, MARYLAND

SCALE 200 FEET





Merging Innovation and Excellence

US 29 Columbia Pike

Gales Lane to MD 99
HOWARD COUNTY, MARYLAND

SCALE 200 FEET

MATCH LINE 45

MATCH LINE 45

MATCH LINE 46

MATCH LINE 46



40

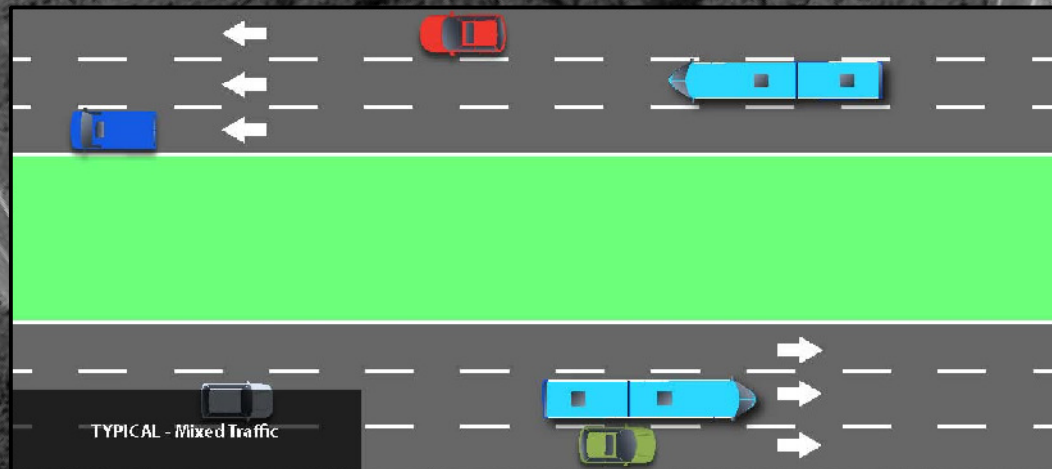
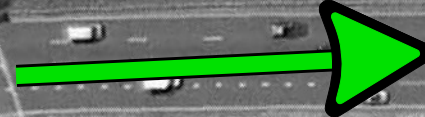
29

40

40

In Mixed Traffic

In Mixed Traffic



US 29 Columbia Pike
Gales Lane to MD 99
HOWARD COUNTY, MARYLAND

SCALE 200 FEET



MATCH LINE 46

MATCH LINE 46

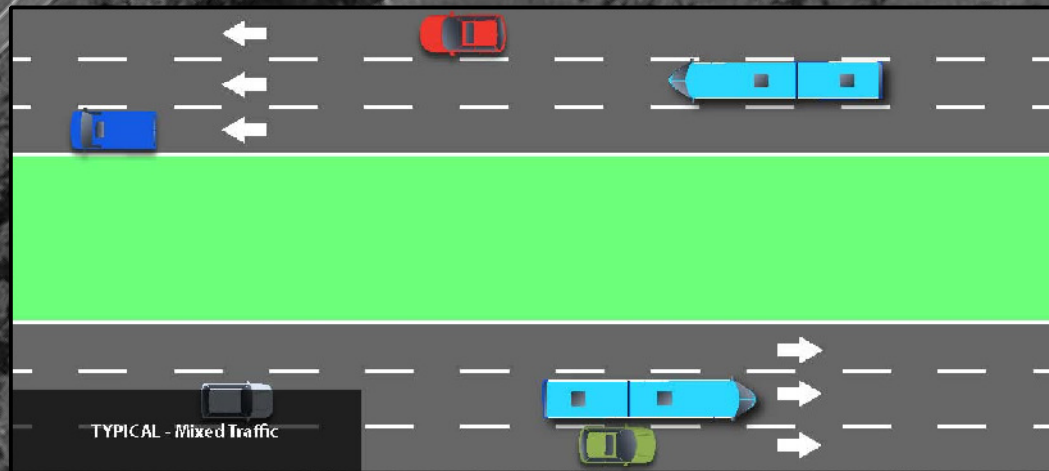
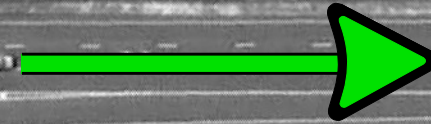
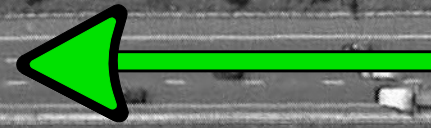
MATCH LINE 47

MATCH LINE 47



In Mixed Traffic

In Mixed Traffic



US 29 Columbia Pike
Gales Lane to MD 99
HOWARD COUNTY, MARYLAND

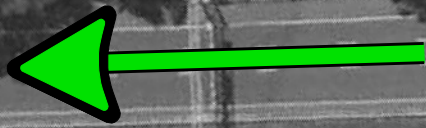
SCALE 200 FEET

MATCH LINE 47

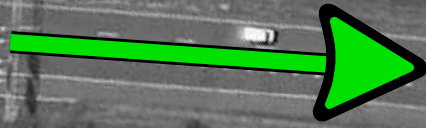
MATCH LINE 47



In Mixed Traffic

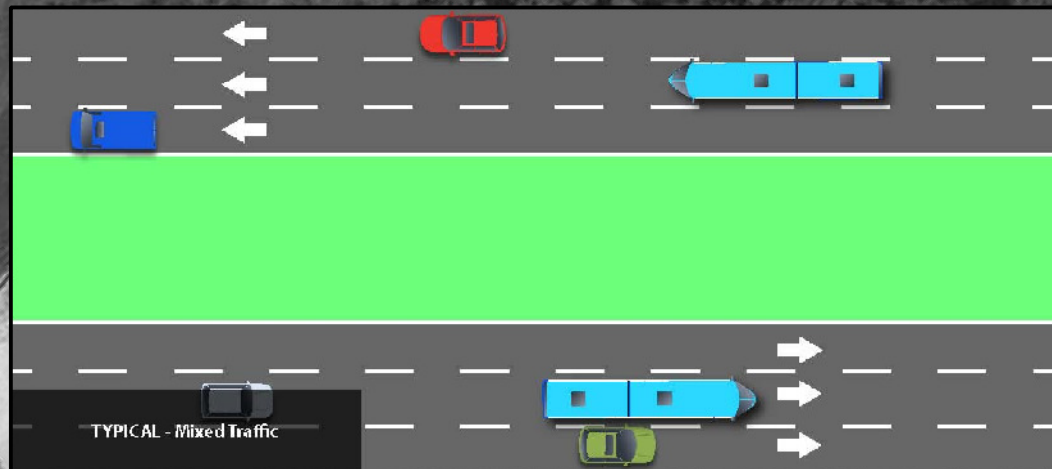


In Mixed Traffic



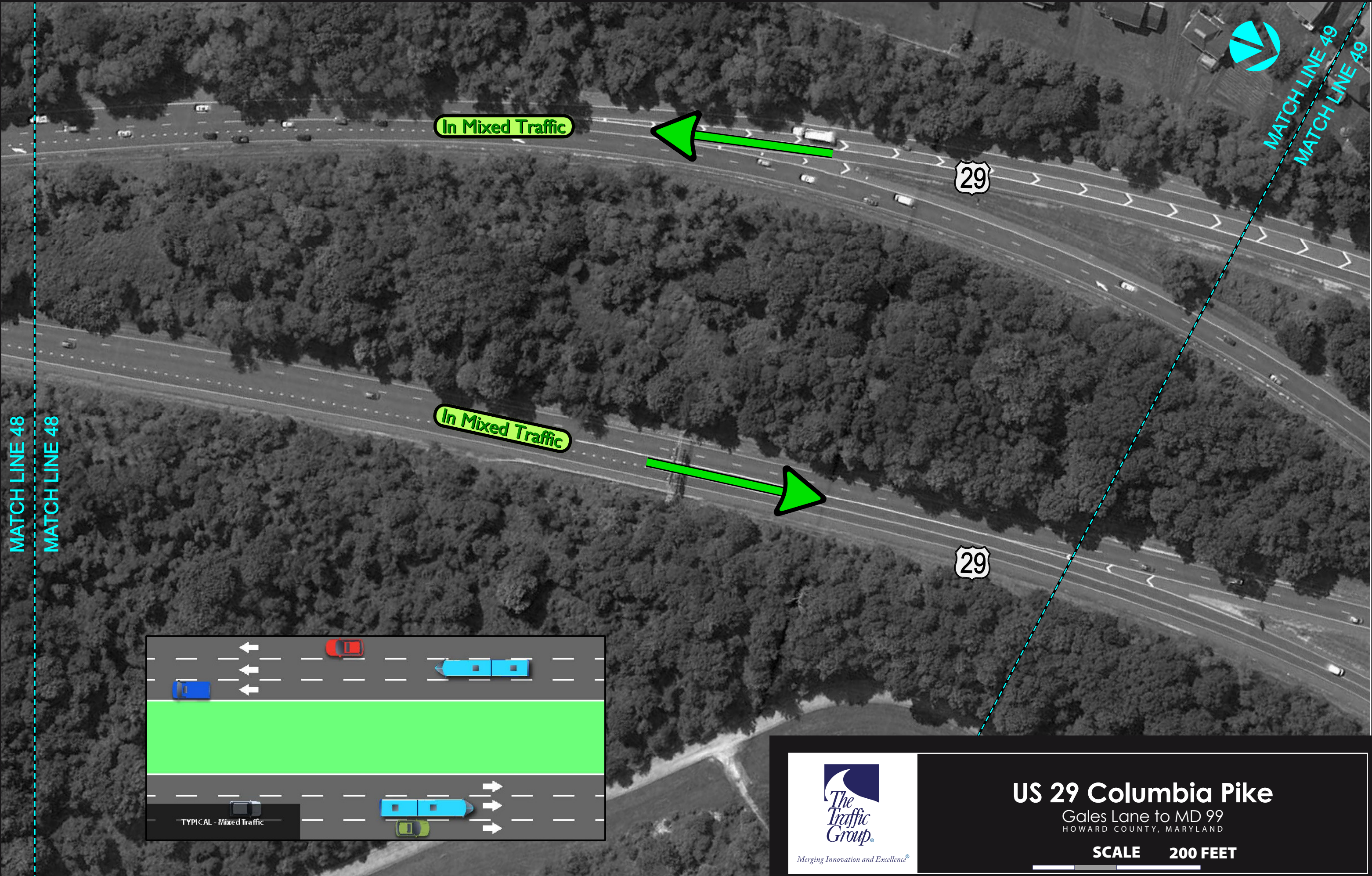
MATCH LINE 48

MATCH LINE 48



US 29 Columbia Pike
 Gales Lane to MD 99
 HOWARD COUNTY, MARYLAND

SCALE 200 FEET



MATCH LINE 48
MATCH LINE 48

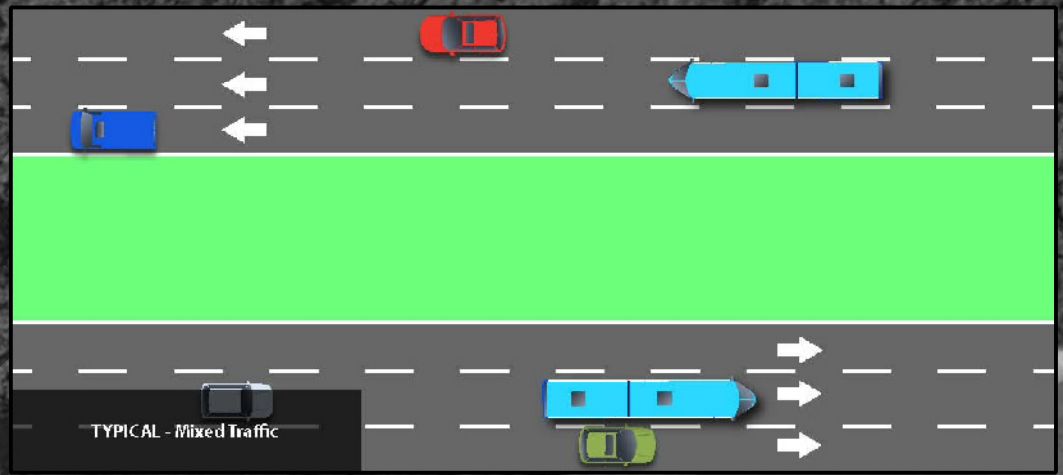
MATCH LINE 49
MATCH LINE 49

In Mixed Traffic

In Mixed Traffic

29

29



US 29 Columbia Pike

Gales Lane to MD 99
HOWARD COUNTY, MARYLAND

SCALE 200 FEET

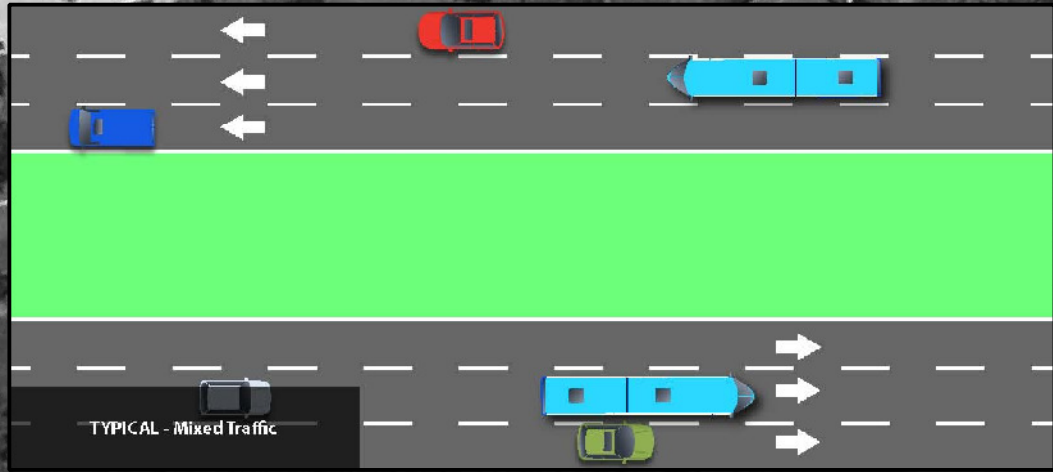


MATCH LINE 49

MATCH LINE 49

MATCH LINE 50

MATCH LINE 50



In Mixed Traffic

In Mixed Traffic



Merging Innovation and Excellence

US 29 Columbia Pike

Gales Lane to MD 99
HOWARD COUNTY, MARYLAND

SCALE 200 FEET



MATCH LINE 50

MATCH LINE 50

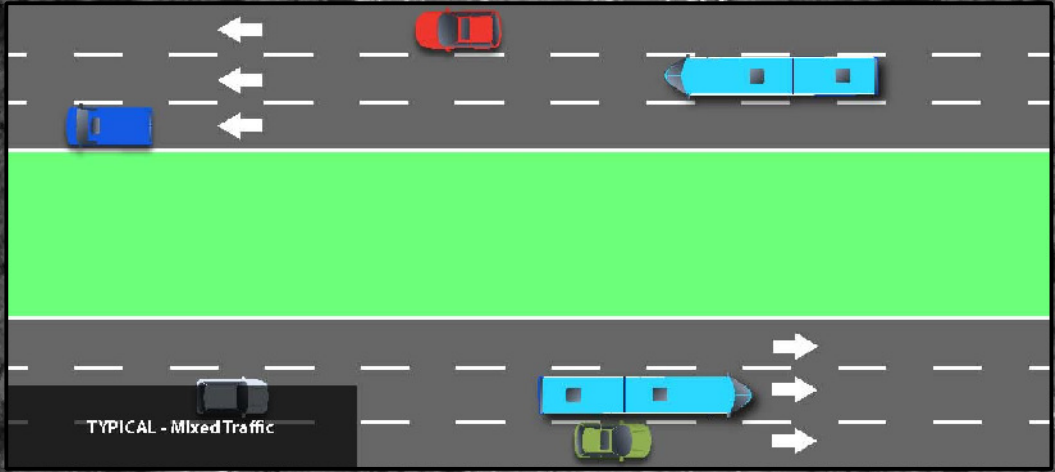
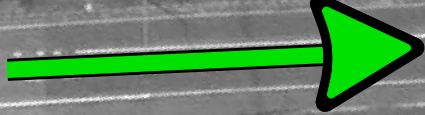
MATCH LINE 51

MATCH LINE 51



In Mixed Traffic

In Mixed Traffic



US 29 Columbia Pike
Gales Lane to MD 99
HOWARD COUNTY, MARYLAND

SCALE 200 FEET



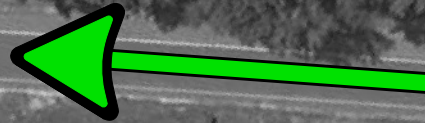
MATCH LINE 51
MATCH LINE 51

MARYLAND
99

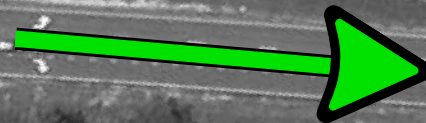


BRT STATION AREA

In Mixed Traffic



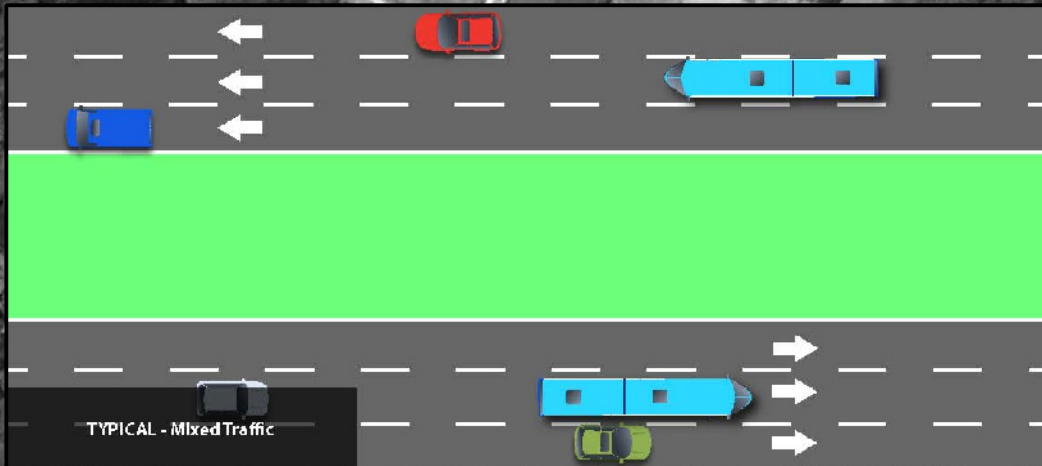
In Mixed Traffic



29

BRT STATION AREA

MARYLAND
99



US 29 Columbia Pike
Gales Lane to MD 99
HOWARD COUNTY, MARYLAND

SCALE 200 FEET