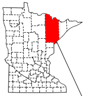
RICE LAKE ROAD (CSAH 4) & ASSOCIATED ROAD IMPROVEMENTS SAINT LOUIS, COUNTY

LAYOUT NOTES

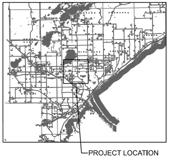
- WORK BEING DESIGNED CONSISTS OF: ROADWAY RECONSTRUCTION AND EXPANSION, INTERSECTION IMPROVEMENTS, FRONTAGE RDS, ROUNDABOUTS, AND ADA
- PEDESTRIAN ACCOMMODATIONS WILL MEET ADA/PROWAG REQUIREMENTS
- CSAH 4 IS A SUPER LOAD CORRIDOR. CORRIDOR IS ADAPTABLE FOR A 4250 KPI TRACK CRUSHER LOAD AND A PORTABLE ASPHALT DRUM HAULER



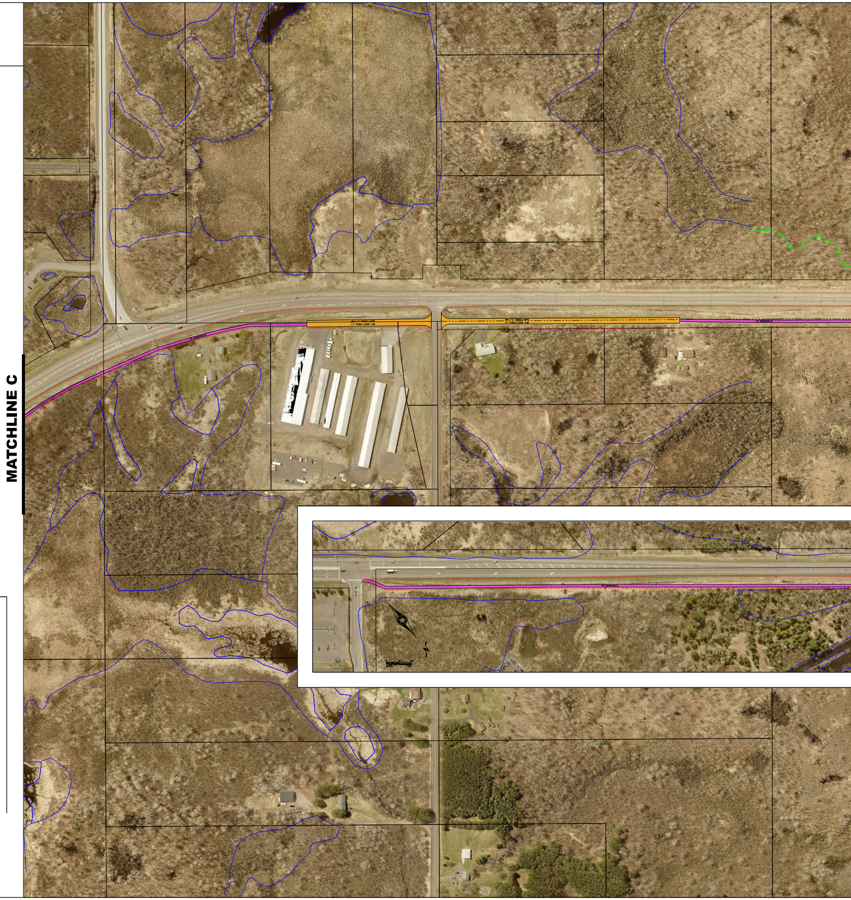
PROJECT LOCATION
SAINT LOUIS COUNTY

LAYOUT LEGEND

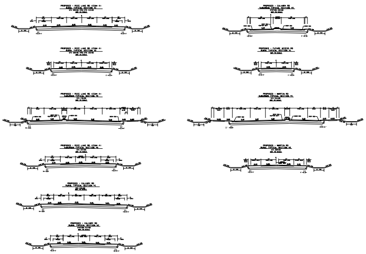
🟨	PROPOSED ROADWAY
🟥	RAISED CONC. MEDIAN, CURB & GUTTER
🟦	PAVED SHOULDERS
🟪	SIDEWALK / DRIVEWAYS
🟩	LANDSCAPING/GREEN SPACE
▭	GRAVEL DRIVEWAY/SHOULDERS
▭	POTENTIAL FUTURE ROAD/TRAIL CONNECTION
▨	CONSTRUCTION TO BE DETERMINED
🟧	MILL AND OVERLAY AREA
— - - —	EXISTING RIGHT-OF-WAY
- - - -	EXISTING PROPERTY LINE
- - - -	CONSTRUCTION LIMITS
—•—•—	DELINEATED WETLAND
——	NATIONAL WETLANDS INVENTORY WETLAND
CLOSED	ACCESS CLOSURE
STOP	SIDE STREET STOP CONTROLLED INTERSECTION
☼	INTERSECTION LIGHTING
●	CONTINUOUS LIGHTING



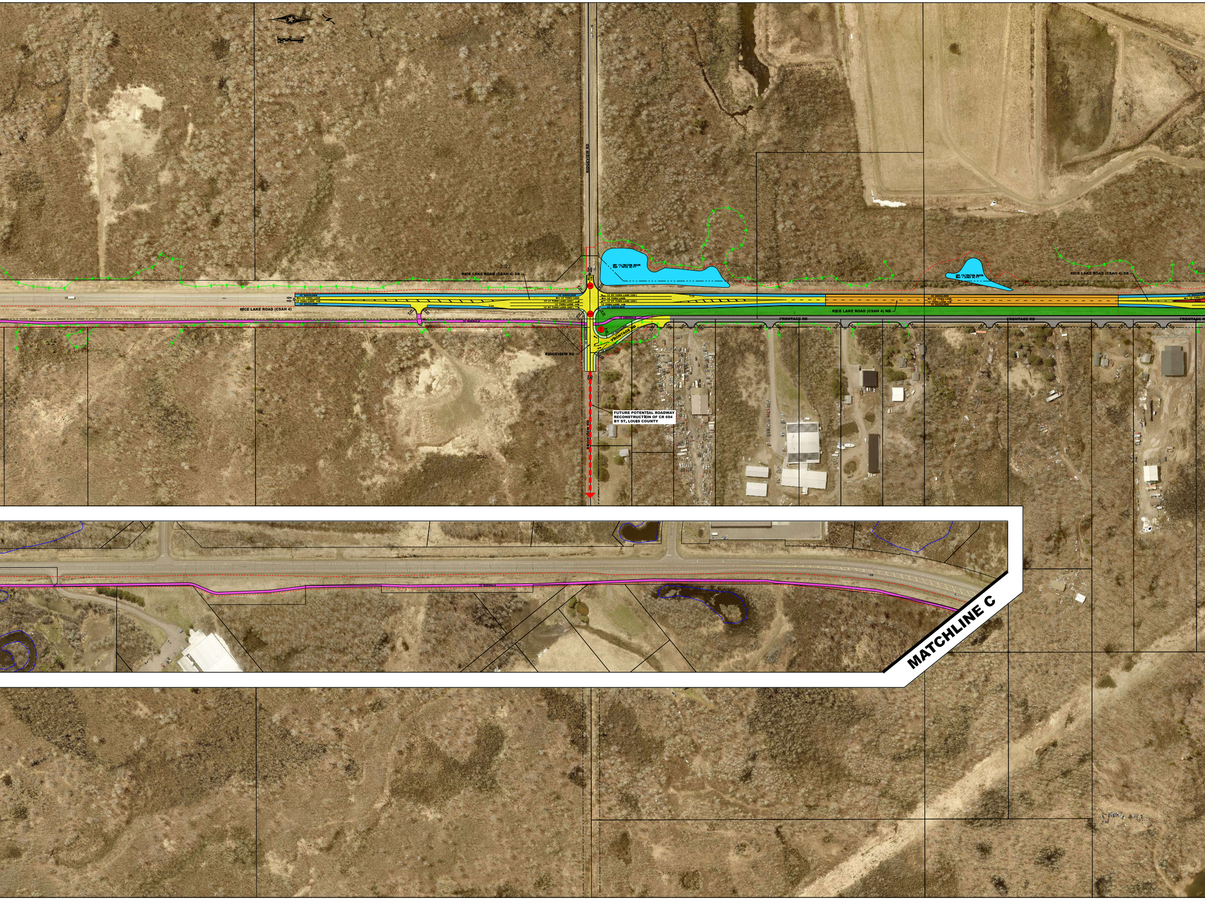
PROJECT LOCATION

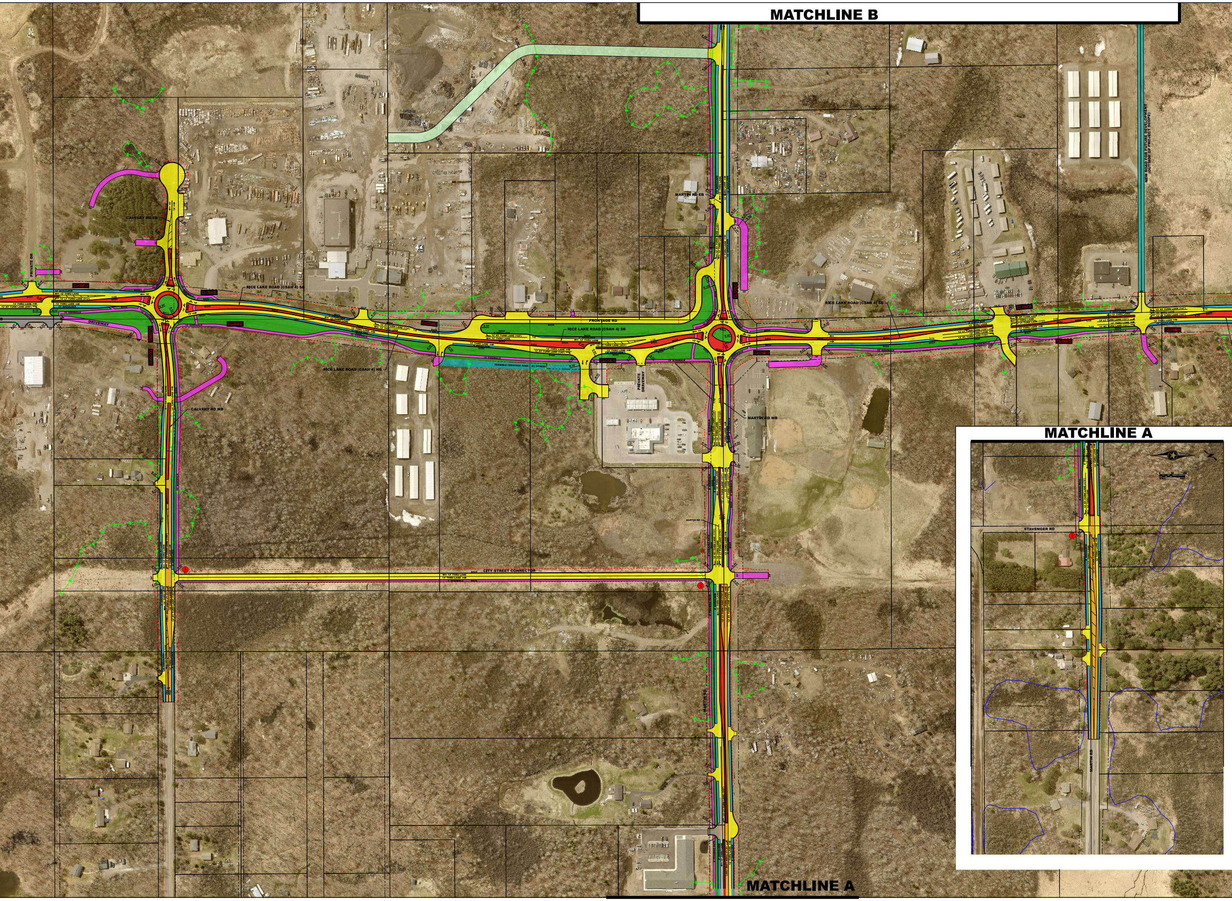

MATCHLINE C

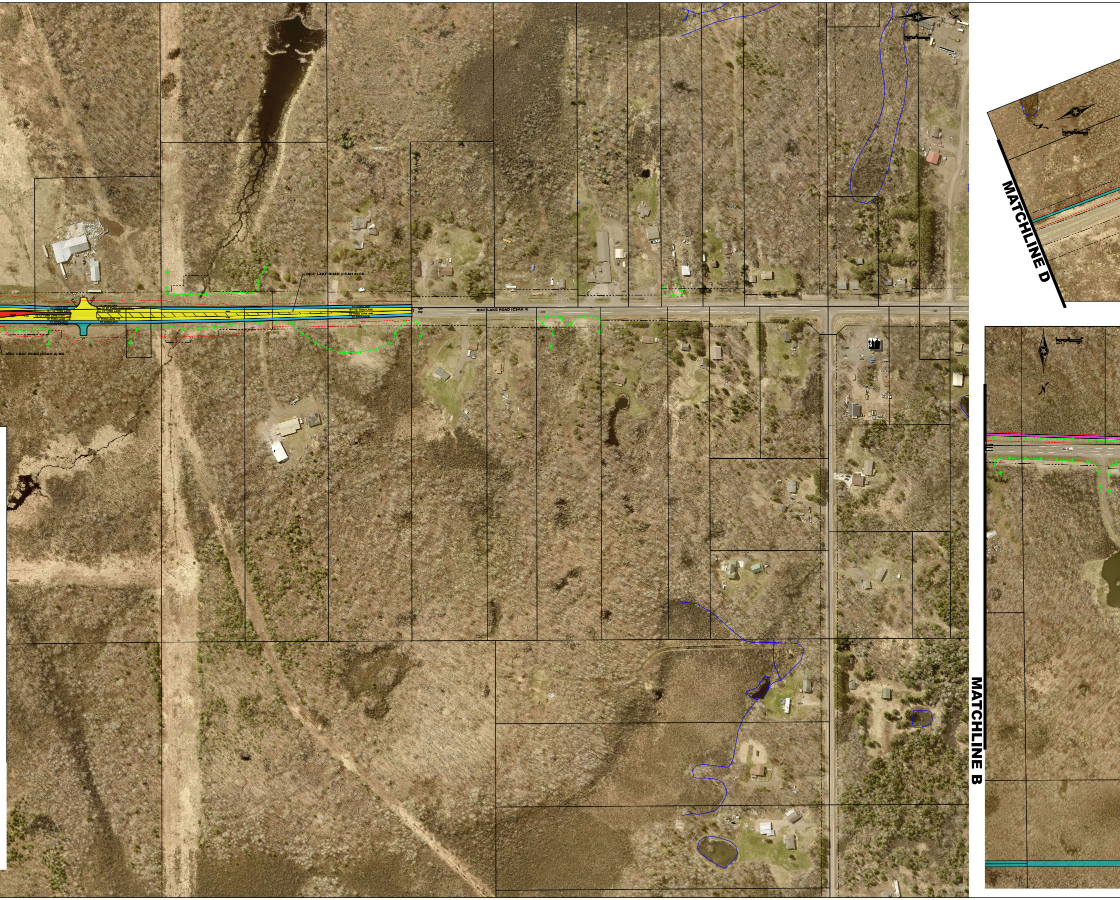
TYPICAL SECTIONS

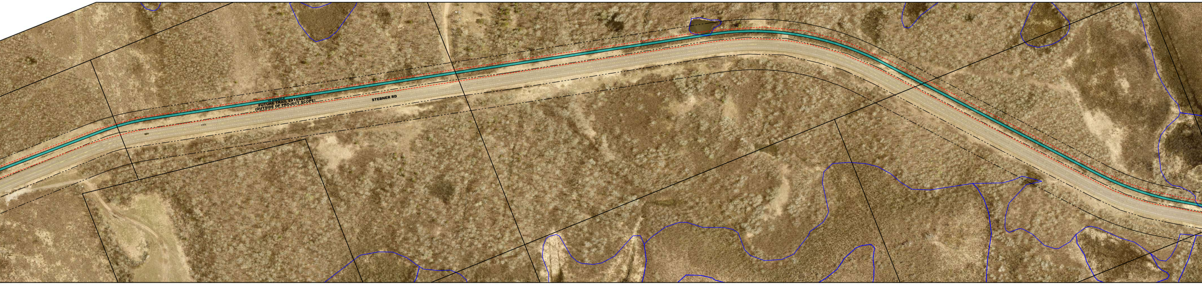


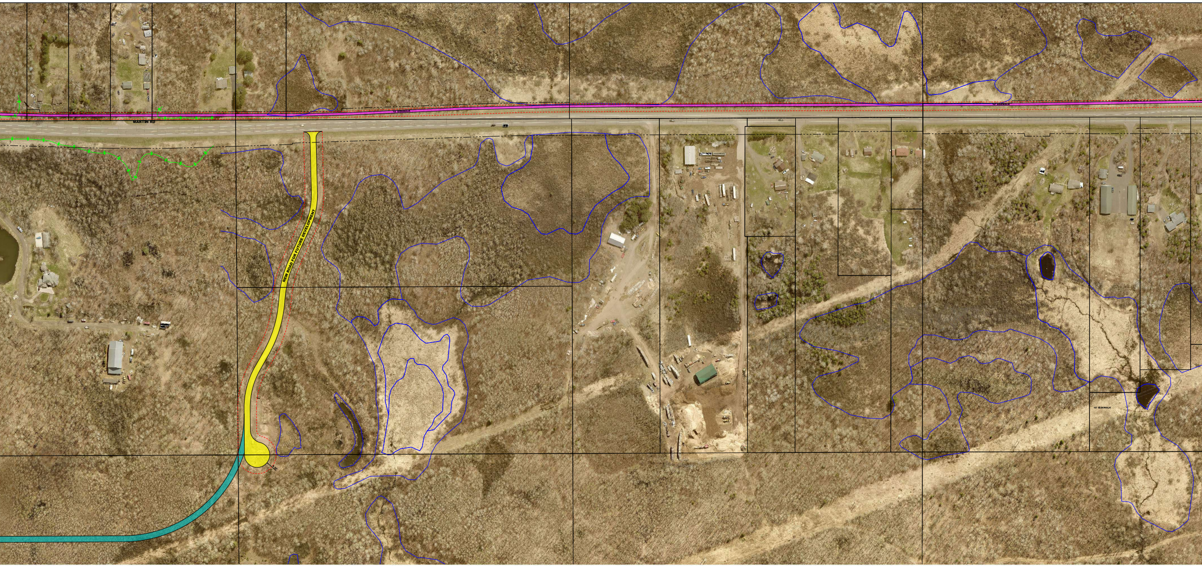
12/4/2023

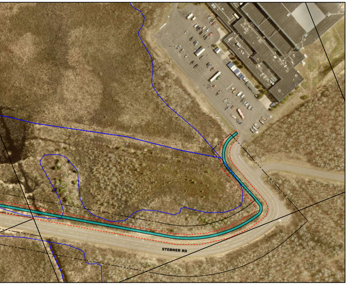

RIDGEVIEW RD
2022
RICE LAKE ROAD (CSAH 4) SB
RICE LAKE ROAD (CSAH 4)
10' SHOULDER
12' THRU LANE
12' LT TURN LANE (288')
12' RT TURN LANE (288')
12' RT TURN LANE (286')
STOP
DRY FILTRATION BASIN
10' SIDEWALK
FRONTAGE RD
RIDGEVIEW RD
FUTURE POTENTIAL ROADWAY RECONSTRUCTION OF CR 694 BY ST. LOUIS COUNTY
2042
RICE LAKE ROAD (CSAH 4) NB
FRONTAGE RD
RICE LAKE ROAD (CSAH 4) SB
MATCHLINE C


MATCHLINE B
PRIVATE DR
CALVARY RD EB
CLOSED
12' THRU LANE
12' LT TURN LANE (212')
12' RT TURN LANE (200')
10' SHOULDER
10' SIDEWALK
DRIVEWAY
RICE LAKE ROAD (CSAH 4) SB
RICE LAKE ROAD (CSAH 4) NB
CALVARY RD WB
FRONTAGE RD
12' RT TURN LANE (193')
12' RT TURN LANE (150')
12' LT TURN LANE (223')
POSSIBLE FRONTAGE ROAD - BY OTHERS
PRIVATE DRIVEWAY
MARTIN RD EB
MARTIN RD WB
MARTIN RD
CITY STREET CONNECTOR
14' THRU LANE
NEW ROAD FOR FUTURE DEVELOPMENT (OUTSIDE OF PROJECT SCOPE)
MATCHLINE A
STAVENGER RD
MARTIN RD
MATCHLINE A

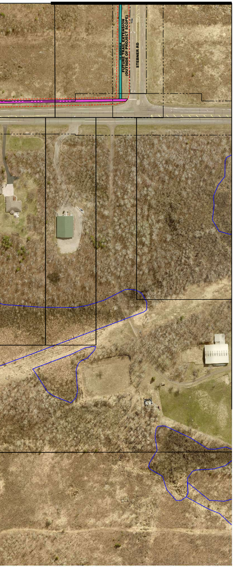

RICE LAKE ROAD (CSAH 4) SB
10' SHOULDER
12' RT TURN LANE (450')
12' THRU LANE
12' THRU LANE
12' LT TURN LANE (150')
12' THRU LANE
10' SHOULDER
FUTURE RT LANE
12' THRU LANE
12' THRU LANE
10' SHOULDER
24'
RICE LAKE ROAD (CSAH 4) NB
RICE LAKE ROAD (CSAH 4)
MATCHLINE D
MATCHLINE B


FUTURE TRAIL EXTENSION
(OUTSIDE OF PROJECT SCOPE)
STEBNER RD


10' SIDEWALK
MARTIN RD
NEW ROAD FOR FUTURE DEVELOPMENT
10' SIDEWALK

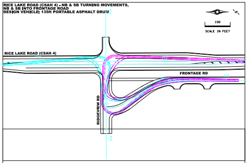


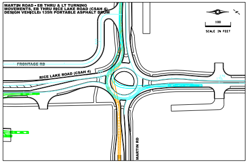
MATCHLINE D

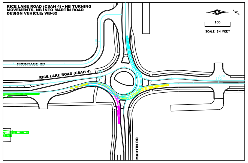

FUTURE TRAIL EXTENSION (OUTSIDE OF PROJECT SCOPE)
STEBNER RD

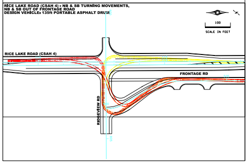
TRAFFIC INFORMATION

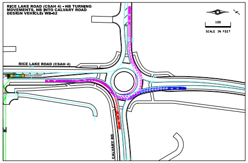
DAILY TURNING MOVEMENTS COUNTS
BY BOLTON & MENK 2022

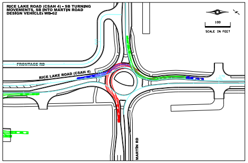

RICE LAKE ROAD (CSAH 4) - NB & SB TURNING MOVEMENTS,
NB & SB INTO FRONTAGE ROAD
DESIGN VEHICLE: 135ft PORTABLE ASPHALT DRUM
100
SCALE IN FEET
RICE LAKE ROAD (CSAH 4)
FRONTAGE RD
RIDGEVIEW RD

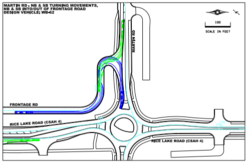

MARTIN ROAD - EB THRU & LT TURNING
MOVEMENTS, EB THRU RICE LAKE ROAD (CSAH 4)
DESIGN VEHICLE: 135ft PORTABLE ASPHALT DRUM
100
SCALE IN FEET
FRONTAGE RD
RICE LAKE ROAD (CSAH 4)
MARTIN RD

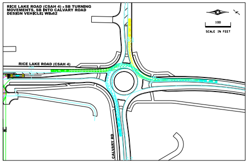

RICE LAKE ROAD (CSAH 4) - NB TURNING
MOVEMENTS, NB INTO MARTIN ROAD
DESIGN VEHICLE: WB-62
100
SCALE IN FEET
FRONTAGE RD
RICE LAKE ROAD (CSAH 4)
MARTIN RD

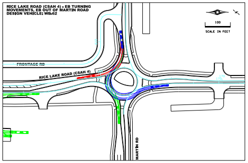

RICE LAKE ROAD (CSAH 4) - NB & SB TURNING MOVEMENTS,
NB & SB OUT OF FRONTAGE ROAD
DESIGN VEHICLE: 135ft PORTABLE ASPHALT DRUM
100
SCALE IN FEET
RICE LAKE ROAD (CSAH 4)
FRONTAGE RD
RIDGEVIEW RD

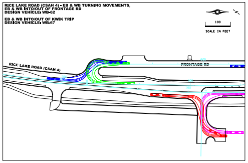

RICE LAKE ROAD (CSAH 4) - NB TURNING
MOVEMENTS, NB INTO CALVARY ROAD
DESIGN VEHICLE: WB-62
100
SCALE IN FEET
RICE LAKE ROAD (CSAH 4)
CALVARY RD


RICE LAKE ROAD (CSAH 4) - SB TURNING
MOVEMENTS, SB INTO MARTIN ROAD
DESIGN VEHICLE: WB-62
100
SCALE IN FEET
FRONTAGE RD
RICE LAKE ROAD (CSAH 4)
MARTIN RD

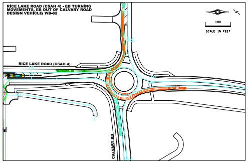

MARTIN RD - NB & SB TURNING MOVEMENTS,
NB & SB INTO/OUT OF FRONTAGE ROAD
DESIGN VEHICLE: WB-62
100
SCALE IN FEET
MARTIN RD
FRONTAGE RD
RICE LAKE ROAD (CSAH 4)
RICE LAKE ROAD (CSAH 4)

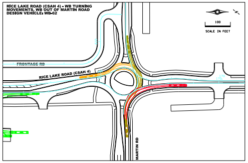

RICE LAKE ROAD (CSAH 4) - SB TURNING
MOVEMENTS, SB INTO CALVARY ROAD
DESIGN VEHICLE: WB-62
100
SCALE IN FEET
RICE LAKE ROAD (CSAH 4)
CALVARY RD

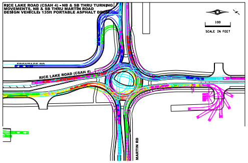

RICE LAKE ROAD (CSAH 4) - EB TURNING
MOVEMENTS, EB OUT OF MARTIN ROAD
DESIGN VEHICLE: WB-62
100
SCALE IN FEET
FRONTAGE RD
RICE LAKE ROAD (CSAH 4)
MARTIN RD

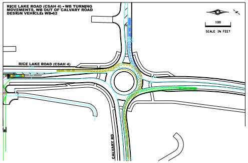

RICE LAKE ROAD (CSAH 4) - EB & WB TURNING MOVEMENTS,
EB & WB INTO/OUT OF FRONTAGE RD
DESIGN VEHICLE: WB-62

EB & WB INTO/OUT OF KWIK TRIP
DESIGN VEHICLE: WB-67
100
SCALE IN FEET
RICE LAKE ROAD (CSAH 4)
FRONTAGE RD


RICE LAKE ROAD (CSAH 4) - EB TURNING
MOVEMENTS, EB OUT OF CALVARY ROAD
DESIGN VEHICLE: WB-62
100
SCALE IN FEET
RICE LAKE ROAD (CSAH 4)
CALVARY RD


RICE LAKE ROAD (CSAH 4) - WB TURNING
MOVEMENTS, WB OUT OF MARTIN ROAD
DESIGN VEHICLE: WB-62
100
SCALE IN FEET
FRONTAGE RD
RICE LAKE ROAD (CSAH 4)
MARTIN RD


RICE LAKE ROAD (CSAH 4) - NB & SB THRU TURNING
MOVEMENTS, NB & SB THRU MARTIN ROAD
DESIGN VEHICLE: 135ft PORTABLE ASPHALT DRUM
100
SCALE IN FEET
FRONTAGE RD
RICE LAKE ROAD (CSAH 4)
MARTIN RD


RICE LAKE ROAD (CSAH 4) - WB TURNING
MOVEMENTS, WB OUT OF CALVARY ROAD
DESIGN VEHICLE: WB-62
100
SCALE IN FEET
RICE LAKE ROAD (CSAH 4)
CALVARY RD

GENERAL NOTES:

- ALL PEDESTRIAN ACCOMMODATIONS WILL MEET ADA/PROWAG REQUIREMENTS.
- NO DESIGN EXCEPTIONS NEEDED.

PLAN VIEW LAYOUT

BOLTON & MENK
Real People. Real Solutions.
SAINT LOUIS COUNTY MINNESOTA
City of Rice Lake