SURVEY NOTES
1. THE SURVEY DATA OF THIS MAP IS BASED ON THE HENNEPIN COUNTY COORDINATE SYSTEM WHICH IS RELATED TO THE NATIONAL DATUM IN 1983.
2. THE VERTICAL DATUM OF THIS MAP IS HAVN 88.
3. THE PLANIMETRIC FEATURES SHOWN ON THIS MAP ARE AS PREPARED BY KIMLEY-HORN, INC. AERIAL, DATA AND MAPPING COLLLECTED IN SPRING 2008 AND OCTOBER 2009, AS SUPPLEMENTED BY FIELD SURVEYS COMPLETED BY SAMEK/ST.

EXISTING LINES
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- OVERHEAD TELEPHONE
- UNDERGROUND TELEPHONE
- OVERHEAD COMMUNICATION
- UNDERGROUND COMMUNICATION
- OVERHEAD CABLE TELEVISION
- UNDERGROUND CABLE TELEVISION
- UNDERGROUND FIBER OPTIC
- UNDERGROUND FUEL
- UNDERGROUND GAS
- ABANDONED UTILITY
- WATER
- SANITARY SEWER
- SANITARY FORCE MAIN
- STORM SEWER
- LARGE CULVERT
- EDGE OF PAVEMENT
- CURB AND GUTTER
- FENCE
- GLANDRY
- BUILDING
- RETAINING WALL
- BRIDGE
- RIGHT-OF-WAY
- PROPERTY LINE
- FREIGHT RAIL
- CENTERLINE OF TRAIL
- WATER BODY

ABBREVIATIONS
AD ALGEBRIC DIFFERENCE
AVE AVENUE
BEH BEGIN
BIT BITNIRUS
CVC CURVATURE
CWB CURVATURE
DAM DAM
DIR CAR
DWT CITY DIRECTOR
ELEV ELEVATION
EOG EASTBOUND
ERG EASTBOUND
EX EXISTING
HOR HORSE
HM HIGHWAY
LM LINE
LP LOS ANGELES
MPS MAPS
N W NORTH
NB T BLEND
NO NUMBER
NIWAL NORMAL WATER LINE

TOPOGRAPHIC SYMBOLES
- CATCH BASIN
- STORM MANHOLE
- TELEPHONE STRUCTURE
- FLARED END SECTION: TELEPHONE MANHOLE
- BOX CULVERT INVERT: FIBER OPTIC MANHOLE
- SANITARY MANHOLE: UTILITY POLE
- SANITARY DRAINAGE: UTILITY POLE / LIGHT
- WATER MANHOLE: GUY WIRE
- WATER VALVE: SHUT-OFF
- WATER VALVE: TREE (DECIDUOUS)
- WATER METER: TREE (CONIFEROUS)
- CORP STOP: MONITOR WELL
- HYDRANT: LH,JH
- ELECTRIC METER: BOLLARD
- ELECTRIC TRANSFORMER: SIGN
- LIGHT POLE: MAJDAN
- ELECTRIC MANHOLE: FLAG POLE
- ELECTRIC BOX: UNIDENTIFIED STRUCTURE
- ELECTRIC VAULT: PULL BOX
- GAS METER: EXISTING SIGNALIZED INTERSECTION
- GAS METR: EXISTING DIRECTIONAL LANE USE
- GAS VALVE: GAS PIPE
- TRAFFIC SIGNAL POLE: SURVEY CONTROL STATION
- HAND HOLE (STRUCTURE): GATE ARM
- CABLE TELEVISION: RAIL SIGNAL FLASHER

CIVIL SYMBOLS
- ACCESSIBLE PEDESTRIAN CURB RAMP
- DESIGNEED INTERSECTION
- PROPOSED DIRECTIONAL STREET
- TRAFFIC CIRCLE
- HANDHELD PARKING STALL
- BIKE LANE
- SCAKUL/MYaar
- TRAFFIC WAVING SIGN

SEGMENT C
GENERAL
LEGEND AND ABBREVIATIONS
MUNICIPAL CONSENT
DRAFT/WORK IN PROCESS

Kimley Horn
MUNICIPAL CONSENT
GENERAL
C-GEN-NTS-001

SHEET 2 OF 62
MUNICIPAL CONSENT

STA 2320+86 TO STA 2327+50

SEGMENT C RAIL CORRIDOR
EXISTING CONDITIONS
STA 2320+86 TO STA 2327+50

SURVEY
C-EXCON-PLN-001
MUNICIPAL CONSENT

SEGMENT C
RAIL CORRIDOR
EXISTING CONDITIONS
STA 2349+00 TO STA 2356+50

SURVEY C-EXCON-PLN-005

DRAFT-WORK IN PROCESS
MUNICIPAL CONSENT

STA 2370+50 TO STA 2375+50

SURVEY SEGMENT C RAIL CORRIDOR EXISTING CONDITIONS STA 2370+50 TO STA 2375+50

SHEET OF SHEET NAME:
DISCIPLINE:

NO. DATE BY REVISION / SUBMITTAL CHECK DESIGN DRAFT-WORK IN PROCESS

SCALE IN FEET

SEGMENT C RAIL CORRIDOR EXISTING CONDITIONS STA 2370+50 TO STA 2375+50

MUNICIPAL CONSENT

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SEGMENT C
RAIL CORRIDOR
EXISTING CONDITIONS
STA 2375+50 TO STA 2383+00

MATCH LINE - STA 2375+50
MATCH LINE - STA 2383+00

SURVEY
C-EXCON-PLN-009
MUNICIPAL CONSENT

STA 2418+00 TO STA 2424+40

SURVEY SEGMENT C RAIL CORRIDOR

EXISTING CONDITIONS MATCH LINE - STA 2418+00

MATCH LINE - STA 2424+40 - SEE SEGMENT BP

C-EXCON-PLN-015 SHEET

DATE / REV DESIGN DRAFT WORK IN PROGRESS

Kimley-Horn

MUNICIPAL CONSENT

SURVEY C-EXCON-PLN-015

Sheet 18 of 62

SCALE IN FEET
TYPICAL SECTION
STA. 2320+86 (BEGINNING OF SEGMENT C) TO 2331+53

NOTE:
1. FOR INSERTS, SEE SHEET 3A
2. PROPOSED DESIGN HAS NOT BEEN DETERMINED
3. LIMITS OF SECTION INCLUDE AT-GRADE CROSSINGS THAT ARE NOT DEPICTED
TYPICAL SECTION
STA. 2347+83 TO 2350+65
STA. 2363+28 TO 2366+85

NOTE:
1. FOR INSETS SEE SHEET 3A
2. PROPOSED STAY-OF-WAY NOT DETERMINED
MUNICIPAL CONSENT

TYPICAL SECTION
STA. 2366485 TO 2375+72

NOTE:
1. FOR INSETS SEE SHEET 3A
2. PROPOSED HEIGHTS MAY NOT BE DETERMINED
TYPICAL SECTION
BASS LAKE ROAD STATION
STA. 2375+72 TO 2379+03
TYPICAL SECTION
STA. 2379+03 TO 2424+40 (SEGMENT C END)

NOTE:
1. FOR INSERTS SEE SHEET 3A
2. PROPOSED BOUNDARY WAS NOT DETERMINED
3. LIMITS OF SECTION INCLUDE AT GRADE CROSSINGS THAT ARE NOT DEPICTED

SCALE
0 5 10 15 20 25 30

DRAFT WORK IN PROCESS

MUNICIPAL CONSENT
MATCHLINE: STA 2320+86 TO STA 2327+50

W BROADWAY AVE (CSAH 8)

MATCH LINE - STA 2320+86

MATCH LINE - STA 2327+50

SEGMENT C
RAIL CORRIDOR
PLAN AND PROFILE
STA 2320+86 TO STA 2327+50

MUNICIPAL CONSENT
MUNICIPAL CONSENT

SEGMENT C
RAIL CORRIDOR
PLAN AND PROFILE
STA 2335+00 TO STA 2342+00

MATCH LINE STA 2335+00
MATCH LINE STA 2336+00
MATCH LINE STA 2337+00
MATCH LINE STA 2338+00
MATCH LINE STA 2339+00
MATCH LINE STA 2340+00
MATCH LINE STA 2341+00
MATCH LINE STA 2342+00

2335+00 2336+00 2337+00 2338+00 2339+00 2340+00 2341+00 2342+00

910 900 890 880 870 860 850

C-TRK-PPFL-003

DRAFT-WORK IN PROCESS
SEGMENT C
RAIL CORRIDOR
PLAN AND PROFILE
STA 2356+50 TO STA 2363+50

MUNICIPAL CONSENT

Cryptic text and diagrams related to railway infrastructure.
MUNICIPAL CONSENT

STA 2370+50 TO STA 2375+50

SEGMENT C
RAIL CORRIDOR
PLAN AND PROFILE

C-TRK-PPFL-008

MUNICIPAL CONSENT
MUNICIPAL CONSENT

STA 2375+50 TO STA 2383+00

SEGMENT C
RAIL CORRIDOR
PLAN AND PROFILE

C-TRK-PPFL-009

DRAFT WORK IN PROCESS

Kimley-Horn
WSP
PARSONS BRINCKERHOFF
MUNICIPAL CONSENT
STA 2390+00 TO STA 2397+00

TRACK
C-TRK-PPFL-011

SEGMENT C
RAIL CORRIDOR
PLAN AND PROFILE

BOTTINEAU BLVD (CSAH 81)

MATCH LINE - STA 2390+00
MATCH LINE - STA 2397+00

LOW POINT ELEV. - 874.41
LOW POINT STA - 2390+00

DRAFT WORK IN PROCESS
SEGMENT C
RAIL CORRIDOR
PLAN AND PROFILE
STA 2397+00 TO STA 2404+00

MUNICIPAL CONSENT

TRACK C-TRK-PPFL-012

Kimley-Horn
WSP PARSONS BRINCKERHOFF

DRAFT-WORK IN PROCESS
MUNICIPAL CONSENT

SEGMENT C
RAIL CORRIDOR
PLAN AND PROFILE
STA 2404+00 TO STA 2411+00

TRACK C-TRK-PPFL-013

BOTTINEAU BLVD (CSAH 81)

MATCH LINE - STA 2404+00
MATCH LINE - STA 2411+00

DRAFT WORK IN PROCESS

Kimley-Horn
SEGMENT C
RAIL CORRIDOR
PLAN AND PROFILE
STA 2418+00 TO STA 2424+40

MUNICIPAL CONSENT
TYPICAL SECTION - VERA CRUZ AVE N
STA 105+73 TO STA 106+22

TYPICAL SECTION - CORVALLIS AVE
STA 12+85 TO STA 13+18

TYPICAL SECTION - BASS LAKE ROAD
STA 14+18 TO STA 16+33
STATION PLATFORM ELEMENTS:

- Approach ramps
  - Less than 2% slope
  - Hand rail on both sides

- Patron circulation zone
  - Clear of obstructions
  - Wide enough to allow comfortable passage of two people

- Train loading and unloading zone
  - Areas where train doors are located when LRV is at station platform

- Patron waiting area and structure zone
  - Safe collection equipment
  - Communications and electrical equipment
  - Information kiosks
  - Trash cans
  - Signage

- Potential shelter and canopy structure
  - Screen/roof/shelter over side platform edges and LED signs
  - Protection at boarding areas

- Boarding edge
  - ADA detectable warning at edge of platform

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miller dunwiddie
ARCHITECTURE
MUNICIPAL CONSENT

DRAFT-WORK IN PROCESS

SEGMENT C

TYPICAL CENTER PLATFORM PLAN

ARCHITECTURE
C-ARC-STA-PLN-001

62 OF 62