EXISTING CONCRETE DRIVEWAY/SIDEWALK

EXISTING BITUMINOUS

REMOVE AND REPLACE CONCRETE SIDEWALK

NEW CONCRETE SIDEWALK

RECLAIM AND REPAVE BITUMINOUS STREET

SEE BELOW RIGHT

CURBSTOP TIES:
S-SAN-MH=24'
N-GV=48'

SEE SHEET 9

INSULATION OVER WATER SERVICE GOOSENECK

NILE PLACE

229

231*

17

CURBSTOP TIES:
S-GV=64'
N-SAN-MH=152'

SAN-TAP: 69'L

REMOVE EXISTING CURB – CONSTRUCT PEDESTRIAN RAM

SIDEWALK REPLACED
SAVE 15 LF EXISTING CONCRETE WALK

239*

CURBSTOP TIES:
S-GV=132'
N-SAN-MH=84'

EXPOSE SANITARY SEWER AND REPAIR HOLE IN PIPE (110FT NORTH OF MANHOLE)

PROTECT AND/OR RESTORE LANDSCAPING AND RETAINING WALL

SAN-TAP: 148'L

249

CURBSTOP TIES:
N-GV=52'
SAN-MH=29'

SAN-TAP: 243'L

SAW CUT AND SAVE 15 LF EXISTING CONCRETE WALK

REMOVE EXISTING SIDEWALK AND REPLACE WITH NEW

MATCH EXISTING SIDEWALK (TYP.)

MATCH EXISTING CONC VALLEY GUTTER

1107

MAIN STREET

PP

0 20

51

264LF-8"VCP

4+00

0+00

3+00

2+00

21.5

SB-1

GAS

CATV

TELE

REMOVE AND REPLACE 10 LF B612 CONCRETE CURB AND GUTTER

REMOVE AND REPLACE 7 LF B618 CONC CURB AND GUTTER

1+00

0+00

GV TIES:
P POLE=35'
SAN-MH=74'

46

226

236

NORFOLK AVENUE

240

250

NORFOLK AVENUE

HYD GV TIES:
HYD=6'
SAN-MH=13'

SAN-TAP: 54'V

REMOVE ALL SIDEWALK (BITUMINOUS AND/OR CONCRETE) BOTH SIDES OF STREET EXCEPT WHERE NOTED TO SAVE

CURBSTOP TIES:
S-HYD=57'
GV=18'

CURBSTOP TIES:
S-GV=60'
N-SAN-MH=157'

SAVE 15 LF EXISTING CONCRETE WALK

SAN-TAP: 152'R

RECLAIM AND REPAVE STREET – CURB TO CURB (PROTECT CURB)

CURBSTOP TIES:
S-GV=150'
N-SAN-MH=67'

REMOVE EXISTING SIDEWALK AND REPLACE WITH NEW

RE=901.00
IE=890.38

CURBSTOP TIES:
N-GV=30'
S-SAN-MH=50'

1025

* FOR WATER SERVICE REPAIRS SEE TABULATION IN FILE

NORFOLK AVENUE

SAN-TAP: 91'V

SAN-TAP: 79'V

CURBSTOP TIES:
N-SAN-MH=267'
S-SAN-MH=16'

CURBSTOP TIES:
N-SAN-MH=210'
S-SAN-MH=52'

MATCH EXISTING CONCRETE WALK

SIDEWALK REPLACED
SAVE 85 LF EXISTING CONCRETE WALK

201

209

SAVE EXISTING CONCRETE WALK

SAN-TAP: 106'L

CURBSTOP TIES:
N-SAN-MH=143'
S-SAN-MH=119'

REMOVE EXISTING SIDEWALK AND REPLACE WITH NEW

217

SAN-TAP: 200'L

CURBSTOP TIES:
HYD=89'
N-SAN-MH=79'

223*

SAN-TAP: 252'L

CURBSTOP TIES:
HYD=46'
N-SAN-MH=29'

229

231*

NILE PLACE

SEE SHEET 9

10

17

REMOVE EXISTING CURB – CONSTRUCT PEDESTRIAN RAM

SIDEWALK REPLACED
SAVE 15 LF EXISTING CONCRETE WALK

239*

0 20

6+81.33

6+00

5+00

4+00

3+00

0+00

260LF-8"VCP

SB-2

21.5

GAS

TELE

REMOVE AND REPLACE 14 LF B612 CONCRETE CURB AND GUTTER

4" CIP WATERMAIN

REMOVE AND REPLACE 7 LF B612 CONCRETE CURB AND GUTTER

SEE ABOVE LEFT

NORFOLK AVENUE

212*

220

226*

236

240

NORFOLK AVENUE

BITUMINOUS CORE SAMPLE

REMOVE EXISTING SIDEWALK AND REPLACE WITH NEW

RECLAIM AND REPAVE STREET – CURB TO CURB (PROTECT CURB)

SAN-TAP: 151'R

CURBSTOP TIES:
HYD=111'
S-SAN-MH=156'

WET TAP 6"x6"TEE, HYDRANT, 6" RSV AND 9'x 6"DIP

CUT IN 4"x4"TEE ADD 4" SLEEVE AND 6"x4" INCREASER

CURBSTOP TIES:
HYD=26'
N-SAN-MH=27'

SAN-TAP: 251'R

TNH=897.26

REMOVE AND REPLACE 14 LF B612 CONCRETE CURB AND GUTTER

REMOVE ALL SIDEWALK (BITUMINOUS AND/OR CONCRETE) BOTH SIDES OF STREET EXCEPT WHERE NOTED TO SAVE

RE=894.10
NIE=886.35
SIE=886.32

MANOR PLACE

1033

22

SEE SHEET 8

NORFOLK AVENUE

REVISIONS			
NO.	DATE	BY	DESCRIPTION

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Print Name: JOHN M. ANDERSON

Signature:

Date: 06-10-09 License # 25889

CITY OF ELK RIVER
KING LOWELL MORTON NORFOLK AREA STREET IMPROVEMENTS

NORFOLK AVENUE RECORD PLAN

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JOB NO.	226214

SHEET	SHEETS
7	10

DRAWING NUMBER

DRAWING NUMBER

DRAWING NUMBER