EROSION CONTROL LEGEND

- SILT FENCE
- EROSION MAT CLASS II TYPE C
- RIPRAP HEAVY

PLACED TEMPORARY MULCH & ADDITIONAL EROSION CONTROL ITEMS 01/10/2020

NONE N. SIDE
~~CENTURYLINK~~

JUNCTION STRUCTURE ADDED AT ELECTRICAL CONNECTION TO EXISTING

CITY OF SUPERIOR

WETLAND IMPACTS
TYPE AB = 700 SF
TYPE PFO/PSS = 450 SF
TOTAL = 1150 SF

REPLACED w/4" HDPE
REMOVE AND REPLACE 4" SANITARY FORCE MAIN AS NEEDED TO COMPLETE WORK.

SLOPE INTERCEPT (TYP)

4" FORCEMAIN CONNECTION

4" FORCEMAIN CONNECTION

TRACKING PAD

R/W CITY OF SUPERIOR
CITY OF SUPERIOR

JUNCTION STRUCTURE ADDED AT ELECTRICAL CONNECTION TO EXISTING

SCALE, FEET 0 25 50

UTILITY LOCATIONS ARE APPROXIMATE. ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

N

61 62 63 64 65 66 N89° 45' 07"E 67 68

MOCCASIN MIKE RD

+75 +75

CITY OF SUPERIOR
R/W CITY OF SUPERIOR

CENTURYLINK

BEGIN PROJECT
STA 61+00
MATCH EXISTING
SAWCUT REQ'D
Y = 287914.235
X = 177529.476

TOTAL WETLAND IMPACTS @ PIPE # 5
CONSERVATION AREA

TYPE AB = 1295 SF
TYPE PFO/PSS = 650 SF
TOTAL = 1945 SF

TOTAL IMPACTED AREA @ PIPE # 5

TOTAL = 38,500 SF

FORRESTED IMPACT AREA @ PIPE # 5
NORTH SIDE = 5,170 SF
SOUTH SIDE = 18,510 SF
TOTAL = 23,680 SF

REMOVED
UTILIZE EXISTING PIPING FOR FLOW BYPASS, EXTEND EXISTING PIPING AS NEEDED TO ACCOMMODATE CONSTRUCTION OPERATIONS INCIDENTAL

REPLACED w/4" HDPE
REMOVE AND REPLACE (2") ELECTRICAL CONDUIT AND WIRE TO COMPLETE WORK NEW CONDUIT TO BE DIRECTIONALLY DRILLED BELOW PROPOSED EXCAVATION LIMITS.

END PROJECT
STA 68+00
MATCH EXISTING
SAWCUT REQ'D
Y = 287917.265
X =178229.469

WETLAND IMPACTS
TYPE AB = 595 SF
TYPE PFO/PSS = 200 SF
TOTAL = 795 SF

REMOVED
STA 64+70
EXIST 48" X 71' CPCA
TO BE REMOVED OR ABANDONED
S. INVERT EL = 633.23
N. INVERT EL = 633.04
SLOPE = 0.3 %

REMOVED
STA 64+80
EXIST 78" X 107' CPCA
TO BE REMOVED
S. INVERT EL = 622.35
N. INVERT EL = 622.82
SLOPE = 0.4 %

REMOVED
STA 64+91
EXIST 48" X 71' CPCA
TO BE REMOVED
S. INVERT EL = 633.37
N. INVERT EL = 632.18
SLOPE = 1.7 %

STA 64+60
1-124'-8'X8' PRECAST CONCRETE BOX CULVERT REQ'D
SKEW 27° LHF
2-16'-8'X8' PRECAST CONCRETE AEW REQ'D
S. INVERT EL = 621.10
N. INVERT EL = 620.30
SLOPE = 0.53 %

5 5

VCL = 240.00
K = 22.50

REPLACED w/4" HDPE
2" NMC CONDUIT (DIRECTIONALLY DRILLED) RELOCATED OUTSIDE OF WORK AREA. RECONNECT AT ENDS. LIMITS TO BE SELECTED BY CONTRACTOR BASED ON CULVERT AND TEMPORARY ROAD CONSIDERATIONS.

TOTAL WIRE THRU BORE PIPE
460' X 3 WIRES=1380' (ELECTRICAL)

-5.17% PROPOSED ℞ PROFILE

EXISTING ℞ PROFILE

4" ELECTRICAL FROM BORING PROFILE

4" ELECTRICAL FROM BORING PROFILE

5.49% -0.25%

650 640 630 620 618

VPI STA 61+54.43
VPI EL 656.00

RECONSTRUCT SANITARY FORCE MAIN, RELOCATE ELECTRICAL CONDUIT AND WIRE AS REQ'D BY ROAD REMOVAL

FORCEMAIN CONNECTIONS:
120' W. CENTERLINE CULVERT & 23' N. CENTERLINE MMR, 8.5' DEEP
196' E. CENTERLINE CULVERT & 21' N. CENTERLINE MMR, 7' DEEP
(2) ALPHA ROMAC RESTRAINT FITTINGS

VCL = 200.00
K = 38.65

4" FORCEMAIN CONNECTION

VPT STA 62+54.43
VPT EL 650.83

VPC STA 63+60.00
VPC EL 645.37

VPI STA 64+80.00
VPI EL 639.16

ASSUMED STRUCTURE EXCAVATION LIMITS

VPT STA 66+00.00
VPT EL 645.75

VPC STA 66+38.56
VPC EL 647.87

VPI STA 66+88.56
VPI EL 650.62

VPT STA 67+38.56
VPT EL 650.49

4" FORCEMAIN CONNECTION

VCL = 100.00
K = 17.41

REPLACED w/4" HDPE
4" POLYETHELENE SANITARY FORCE MAIN (DIRECTIONALLY DRILLED) RELOCATED OUTSIDE OF WORK AREA. RECONNECT AT ENDS. LIMITS TO BE SELECTED BY CONTRACTOR BASED ON CULVERT AND TEMPORARY ROAD CONSIDERATIONS. FORCE MAIN MAINTAIN 8' COVER, MAINTAIN 5' COVER UNDER BOX CULVERT

4" SANITARY FROM BORING PROFILE

STA 64+60
1-124'-8'X8' PRECAST CONCRETE BOX CULVERT REQ'D
2-16'-8'X8' PRECAST CONCRETE AEW REQ'D

4" SANITARY FROM BORING PROFILE

RECORD DRAWINGS
UPDATED 06/2020

EXISTING ELEVATION | PROPOSED ELEVATION

655.73 654.99 654.82 653.24 653.26 651.06 651.05 648.43 648.47 645.82 645.88 643.66 643.65 642.51 642.54 642.39 642.48 643.50 643.56 645.83 645.75 648.50 648.46 650.26 650.16 650.47 650.46 650.34

61+00 62+00 63+00 64+00 65+00 66+00 67+00 68+00

PROJECT NO: SUPER 150073	HWY: MOCCASIN MIKE ROAD	COUNTY: DOUGLAS	PLAN AND PROFILE: CROSSING #5	SHEET 11	E