APPROVED
Contingent upon
MHTD approval of entrance
& 2" caliper trees
5/23/96
Callyn D Kuonne

DARDENNE CREEK

K-HYW. R/W

2+00

SANITARY SEWER LINE A

DARDENNE CREEK

10' W

18' W

K-HYW R/W

53.5'

1+00

99.0'

48.0'

1.42 ACRES

41.3'

42.5'

9.7'

14.5'

MH A-1
TOP OF MANHOLE
ELEV. 483.0'

NORTHING= 1058308.870
EASTING= 764410.741

TEMPORARY
CONSTRUCTION
EASEMENT

100'

69.9'

NORTHING= 1058321.892
EASTING= 764460.106

MH B1
TOP OF MANHOLE
ELEV. = 480.0

1+00

EXISTING K-HWY

E/P

STA. 0+90

STA. 0+02

0+00

BALL VALVE
W/ BOX

℄ FORCEMAIN

W

INFLUENT
PUMP
STATION
TOP OF SLAB
ELEV. 486.0'

GUARD POSTS

AGGREGATE
SURFACE

8'-0" WOOD SCREEN FENCE

TRANSFORMER PADS (SEE PARTAIL PLAN THIS SHEET)

91.1'

200

36.0'

102.1'

57.0'

27.9'

78.2'

CITY OF
O'FALLON

NORTHING= 1058271.796
EASTING= 764437.859

NORTHING= 1058213.194
EASTING= 764453.616

℄ PUMP STATION
ACCESS ROAD
SEE SECTIONS
DWG. C-4.

74.39'

80'

5' R.

STA. 0+74.39'

100'

PERMANENT
ACCESS
EASEMENT

80'x24'Ø CULVERT RCP
WITH END SECTIONS

18' W

K-HYW R/W

NEW BRIDGE

222+00

6' G

223+00

3+00

2+00

224+00

1' EMPTY CONDUIT WITH PULL WIRE FOR SCADA SYSTEM CABLES. STUB UP 6' ABOVE GRADE AND CAP.

EXISTING UNION ELECTRIC POLE

(2) 4" SCH. 40 CONDUITS BELOW GRADE. STUB EACH CONDUIT UP USING 4" SCH. 40 PVC SWEEP ELBOWS 6' ABOVE FINISHED GRADE AND CAP. UNION ELECTRIC TO EXTEND ONE 4" CONDUIT UP POLE FOR PRIMARY SERVICE CABLES. REMAINING 4" SPARE CONDUIT SHALL BE CAPPED.

CONSTRUCT MHTD STD. TYPE 1 ENTRANCE

3/4" EMPTY CONDUIT WITH PULL WIRE FOR TELEPHONE SERVICE CABLES. STUB UP 6' ABOVE FINISHED GRADE AND CAP.

UNDERGROUND CONDUITS. SEE SHEET E-1 FOR CONTINUATION

WATER METER

ASPHALT

20' R.

87°42'00"

ASPHALT PAVEMENT

℄ PARK ACCESS ROAD

STA. 224+78.34
℄ HWY K
STA. 2+70.85
℄ ACCESS ROAD

90°

225+00

℄ NEW K-HWY.

K-HYW. R/W

226+00

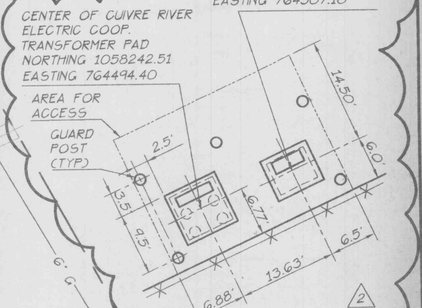
LINE B
SANITARY SEWER

CENTER OF UNION ELECTRIC
TRANSFORMER PAD
NORTHING 1058247.53
EASTING 764507.10

CENTER OF CUIVRE RIVER
ELECTRIC COOP.
TRANSFORMER PAD
NORTHING 1058242.51
EASTING 764494.40

AREA FOR
ACCESS

GUARD
POST
(TYP)



PARTAIL PLAN
SCALE: 1"=10'
SEE SHEET C-5 FOR
PAD DETAILS

NOTES:

1. FEMA 100 YR. FLOOD ELEVATION = 483.0
2. P-1 CONTRACTOR SHOULD COORDINATE CONSTRUCTION OF ACCESS ROAD AND FORCEMAIN WITH F-1 CONTRACTOR.
3. PLAN AND PROFILES FOR INTERCEPTORS AND FORCEMAIN ARE SHOWN ON DWG. C-3.
4. SEE ELECTRICAL SITE PLAN FOR SERVICE ENTRANCE DETAILS.
5. PROFILE AND CROSS SECTIONS FOR ACCESS ROAD ARE SHOWN ON DWG. C-9.
6. CONTRACTOR SHALL COORDINATE CONSTRUCTION OF ACCESS ROAD WITH MHTD. CONTRACTOR RESPONSIBLE FOR COMPLETION OF ACCESS ROAD ONCE NEW HWY K IS COMPLETED.
7. GRADE ROADSIDE DITCHES AND OTHER AREAS OF SITE TO DRAIN.

LANDSCAPING SCHEDULE	
①	RED OAKS
②	SUNBURST RED MAPLE

SCALE: 1"=20'

20 10 0 20 40 60
SCALE IN FEET

No.	DATE	BY	REVISION
1	9/3/96	JEH	ADDENDUM NO. 1
2	5/8/96	JEH	ADDENDUM NO. 2. REVISED TRANSFORMER LOCATIONS

DATE: 7/14/94
DESIGNED BY: JEH
DRAWN BY: RMM
CHECKED BY:

STATE OF MISSOURI
JAMES E. HEMER
NUMBER E-24276
REGISTERED PROFESSIONAL ENGINEER
5-8-96

ARCHER ENGINEERS/MUSLER ENGINEERING COMPANY
CONSULTING ENGINEERS • LAND SURVEYORS • ARCHITECTS

ARCHER ENGINEERS
1101 WALNUT
SUITE 1502
KANSAS CITY, MO. 64106
816-471-1255
FAX 816-471-1480

ARCHER ENGINEERS
2537 WEST CLAY
ST. CHARLES, MO. 63301
314-940-9922
FAX 314-940-8930

MUSLER ENGINEERING CO.
6240 MEXICO ROAD
ST. PETERS, MO. 63376
314-441-4555
FAX 314-441-0976

DUCKETT CREEK SANITARY DISTRICT
ST. CHARLES COUNTY, MISSOURI
CONTRACT P-1 HIGHWAY K PUMPING STATION

HIGHWAY K PUMPING STATION
SITE PLAN

PROJECT NO. 93074005

DRAWING NO. C-1

F:\engmet\93400501.DWG Plot Scale=1.20 05-18-1996 15:18 MDH