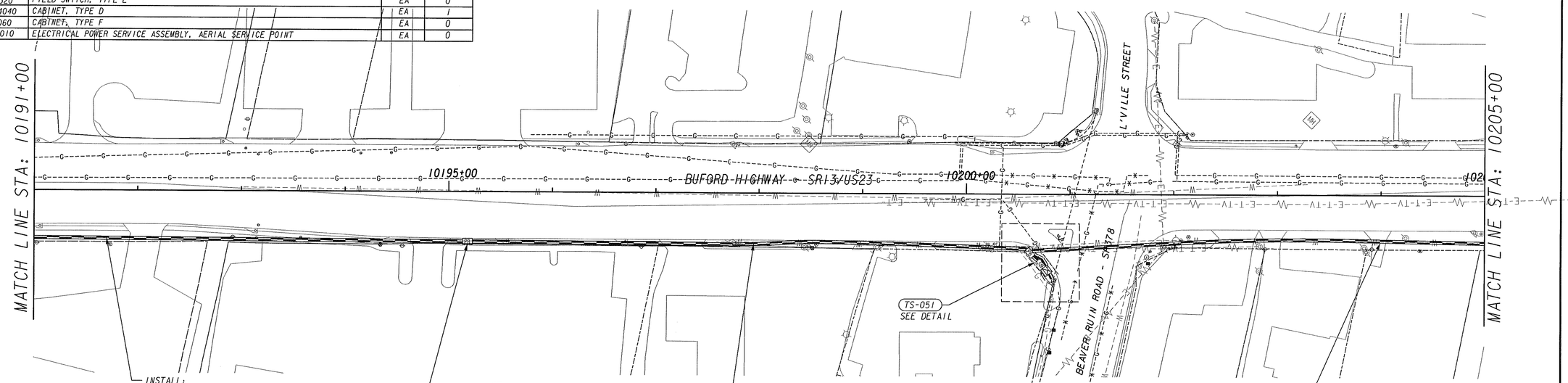
Item	Description	Unit	Quant.
615-1200	DIRECTIONAL BORE - 4 IN	LF	1387
639-4004	STRAIN POLE, TP IV	EA	0
647-2130	PULL BOX, PB-3	EA	0
647-2170	PULL BOX, PB-7	EA	2
682-6222	CONDUIT, NONMETL, TP 2, 2 IN	LF	0
682-6231	CONDUIT, NONMETL, TP 3, 1 1/4 IN	LF	4251
682-6233	CONDUIT, NONMETL, TP 3, 2 IN	LF	7
935-1116	OSP FIBER OPTIC CABLE, LOOSE TUBE, SINGLE MODE, 72 FIBER	LF	1717
935-1512	OSP FIBER OPTIC CABLE, DROP, SINGLE MODE, 12 FIBER	LF	7
935-3102	FIBER OPTIC CLOSURE, UNDERGROUND, 12 FIBER	EA	0
935-3106	FIBER OPTIC CLOSURE, UNDERGROUND, 72 FIBER	EA	0
935-3107	FIBER OPTIC CLOSURE, UNDERGROUND, 96 FIBER	EA	0
935-3405	FIBER OPTIC CLOSURE, FDC, RACK MOUNTED, 48 FIBER	EA	1
935-3407	FIBER OPTIC CLOSURE, FDC, RACK MOUNTED, 96 FIBER	EA	0
935-3408	FIBER OPTIC CLOSURE, FDC (RACK MOUNTED), 144 FIBER	EA	1
935-3603	FIBER OPTIC CLOSURE, FDC PRE-TERMINATED, TYPE A, 12-FIBER	EA	0
935-4010	FIBER OPTIC SPLICE, FUSION	EA	192
935-5050	CAT 5 PATCH CORD	LF	0
936-1000	CCTV SYSTEM, TYPE B	EA	0
939-1190	VIDEO ENCODER, TYPE A	EA	1
939-2305	FIELD SWITCH, TYPE C	EA	1
939-2320	FIELD SWITCH, TYPE E	EA	0
939-4040	CABINET, TYPE D	EA	1
939-4060	CABINET, TYPE F	EA	0
939-5010	ELECTRICAL POWER SERVICE ASSEMBLY, AERIAL SERVICE POINT	EA	0



INSTALL:
4 IN. DIRECT BORE (715 FT)
CONDUIT, NON-METAL, TP 3, 3-1¼IN. (2145 LF)
GW-S473, OSP, F/O CABLE, SM, 72 FIBER (715 LF)

INSTALL:
TYPE 7 PULLBOX
GW-S473, OSP, F/O CABLE, SM, 72 FIBER (110 LF)

INSTALL:
4 IN. DIRECT BORE (534 FT)
CONDUIT, NON-METAL, TP 3, 3-1¼IN. (1602 LF)
GW-S473, OSP, F/O CABLE, SM, 72 FIBER (534 LF)

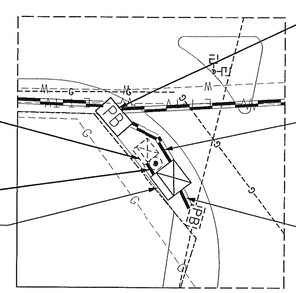
INSTALL:
4 IN. DIRECT BORE (981 FT)
CONDUIT, NON-METAL, TP 3, 3-1¼IN. (2943 LF)
GW-S474, OSP, F/O CABLE, SM, 72 FIBER (981 LF)

INSTALL:
TYPE 7 PULLBOX
GW-S473, OSP, F/O CABLE, SM, 72 FIBER (110 LF)
GW-S474, OSP, F/O CABLE, SM, 72 FIBER (110 LF)

INSTALL:
F/O CLOSURE, FDC PRE-TERM TYPE A, 12 FIBER
FIELD SWITCH, TYPE C

INSTALL:
OPEN TRENCH FROM PULLBOX TO CABINET
CONDUIT, NON-METAL, TP 3, 2 IN. (7 LF)
GW-D015, OSP, F/O CABLE, DROP, SM, 12 FIBER (7 LF)

INSTALL:
TYPE F BASE MOUNTED CONTROLLER CABINET
FDC PRE-TERM, TYPE A, RACK MOUNTED, 144 FIBER
FDC PRE-TERM, TYPE A, RACK MOUNTED, 48 FIBER
FIELD SWITCH, TYPE E
GW-D015, OSP, F/O CABLE, DROP, SM, 12 FIBER (55 LF)
F/O SPLICE, FUSION (192 EA)



TS-051 DETAIL
N.T.S.

INSTALL:
OPEN TRENCH FROM PULLBOX TO CABINET
CONDUIT, NON-METAL, TP 3, 3-1¼ IN. (60 LF)
GW-S473, OSP, F/O CABLE, SM, 72 FIBER (20 LF)
GW-S474, OSP, F/O CABLE, SM, 72 FIBER (20 LF)

INSTALL:
OPEN TRENCH FROM CABINET TO EXISTING PULLBOX
CONDUIT, NON-METAL, TP 3, 3-1¼ IN. (30 LF)

*NOTE: CONTRACTOR TO PULL EXISTING 48 FIBER CABLE INTO NE CABINET AND TERMINATE ON 48 FIBER FDC.

Kimley-Horn and Associates, Inc.
Engineering, Planning, and Environmental Consultants
Suite 600, 3169 Holcomb Bridge Road
Norcross, Georgia 30071

SCALE IN FEET
0 50 100 200

REVISION DATES

GWINNETT COUNTY
DEPARTMENT OF TRANSPORTATION
SR13/US23 - BUFORD HIGHWAY ATMS/ITS

COMMUNICATION PLANS

DRAWING No.
28-19

GPLN