FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

285
384

LAKE COUNTY
LAK-2-14.22

DUCT WIRING
2 SPACE DUCTS
4-#4/0, 5 KV CABLES, 4 KV
2-#6, 5 KV CABLES, 1-MSL, 1-SSL
P.T. Sta. 2+93.98 Bk. = P.T. Sta. 2+58.51 Ah.
TAYLOR PLACE & SANFORD STREET
STA. 27+76 TO STA. 28+92

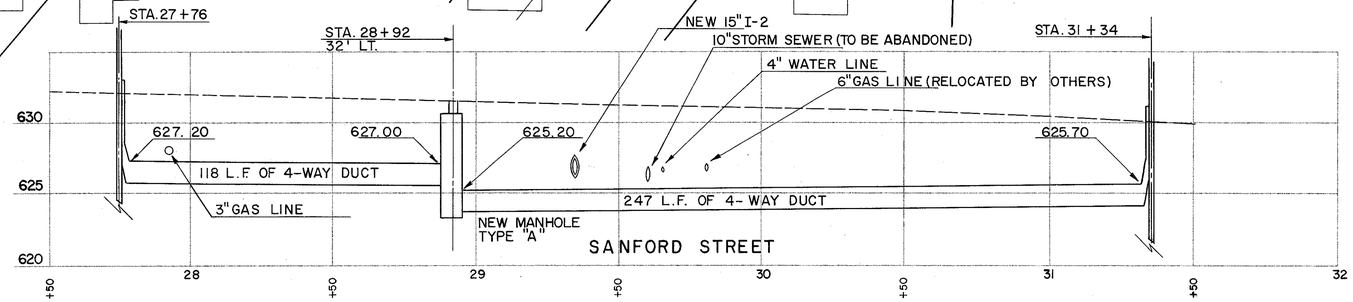
N

TRANSFORMER RELOCATED FROM POLE # 3378
(3-4KV, 1-SSL)
(3-S)
3-#1/0 WP, 4KV, 1-#6 SSL, 3-#4, SECONDARIES
NEW 2500 LUMEN STREET LIGHT
NEW 40/4
MOVE EXISTING TRANSFORMER TO POLE # 3379
7200 LB. GUY 15 FT. LEAD
2 NEW #4 TRIPLEX TO NEW POLE
3-#1/0 WP, 4 KV, 1-#6 SSL
2-#4 WP SECONDARIES
1-#2 WP SEC. NEUTRAL
NEW 40/4
17,400 LB. GUY 25 FT. LEAD
GUIDE AROUND C.B., 6" CLEAR FROM EDGE OF DUCT TO C.B.
3-#1/0 WP, 4 KV, 1-#6 SSL
3-#4, SECONDARY
1-#6 WP, MSL.
NEW 15-KVA TRANSFORMER
NEW 40/4 REPLACE EXISTING
SANFORD STREET Constr. ℄
17,400 LB. GUY 25 FT. LEAD
52°07'38"
Sta. 28+47.98 Reconstr. Sanford St.
Sta. 0+00.00 Reloc. Taylor Place
7° WITH A LINE PARALLEL TO CONSTR. ℄ OF SANFORD ST.
RELOCATED STREET LIGHT FROM POLE # 3231
NEW 35/4
2-#8 TW IN 2 INCH CONDUIT
RELOCATE STREET LIGHT TO POLE NEW POLE
STA. 28+61
19 FT. RT.
700 ℄ Reloc. S.R. 2
Sta. 30+00.00 Reconstr. Sanford St. = Sta. 699+08.63 Reloc. S.R. 2
EXISTING 25 KVA RELOCATE TO POLE #3234
17,400 LB. GUY 25 FT. LEAD
127°52'22"
NEW 40/4
2 NEW #4 TRIPLEX
3-#1/0 WP, 4KV, 2-#6 WP, SSL
3-#4 WP, SECONDARIES
1-#6 WP, MSL
(3-4KV, 1-SSL) (3-S) (1-MSL)
(3-4KV, 2-SSL) (3-S) (1-MSL)
P.C. Sta. 1+00.29
R/W
Constr. ℄
6" H.P. Gas Line
10" Storm Sewer
36" R.C.P. Intercepter Sewer
Fr. Garage
Shed
2 Sty. Conc. Blk. Dwlg.
1 Sty. Fr. Dwlg.
1½ Sty. Fr. Dwlg.
2 Sty. Fr. Dwlg.
2 Sty. Blk. Cafe & Dwlg.
1 Sty. Fr. Store
TAYLOR

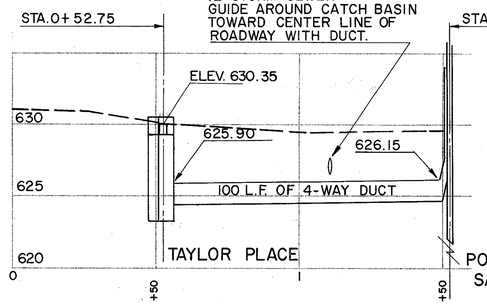
DUCT WIRING
2 SPACE DUCTS
4-#4/0, 5 KV CABLES, 4 KV
3-#6, 5 KV CABLES
2-SSL, 1-MSL
SANFORD STREET
STA. 28+92 TO STA. 31+34

FOR OTHER CONSTRUCTION DETAILS SEE SHEET NO. 225

FOR POLE & DUCT DETAILS SEE SHEETS NO. 275 & 276.



PROFILE ALONG ℄ OF NEW DUCT



PROFILE ALONG ℄ OF NEW DUCT

POWER ADJUSTMENTS SANFORD STREET & TAYLOR PLACE

Ⓟ POWER S-25

REF. NO.	STATION FROM	STATION TO	SIDE	POLES 40 FT. CL. 4 EA.	POLES 35 FT. CL. 5 EA.	ANCHOR GUY 7200 LB. EA.	CROSS-ARM DBL. SGLE.	FUSED CUTOUT 200A. 5-KV	LIGHTNING ARRESTOR 2.4 KV PIN	INSULATOR 4-KV DEAD END	RELOCATE STREET LIGHT EACH	REMOVE EXISTING POLE	SECONDARY 3-SPOOL RACK	MANHOLE ELECTRICAL TYPE A	1L. TRANSFORMER 6.6A/6000	STREET LIGHT 2,500 L.	ALUMINUM CONDUIT 4" DUCT L.F.	I/C CABLE 5-KV 4/0 NO.6	RIGID CONDUIT 2"	REMOVE EXISTING TRANSFORMER EACH	INSTALL EXISTING TRANSFORMER	NEW TRANSFORMER 15-KVA
1-P	26+71	27+76	LT.	1		1	1	2	3	5	1	4	1			1						1
2-P	26+71	31+34	L&R							4							365		90			1
3-P	31+34	32+15	LT.														100	1700		1		
4-P	27+76	31+34	LT.		1	1	2	3	3	4		1	1		1		100	520	130		1	2
5-P	0+52.75	1+53	RT.	1			1	2	3	4		1	1		1		200	2220	500			
6-P	1+53	3+00	RT.	2			1	3	4	7	1		3			1	465	2200	90	2	2	1
TOTAL				4	1	2	6	9	12	24	2	6	5	1	2	2	1130	6640	820	3	3	4

Ⓟ POWER S-25

REF. NO.	STATION FROM	STATION TO	SIDE	WIRE NO.4 NO.6 WP	NO. 8 NO. 6 TW WP	NO. 2 NO. 1/0 WP	4-WAY DUCT L.F.	ALUMINUM ELL 4"	DEAD-END BRACKET MSL EACH	GROUND PLATE ASSEMBLY EACH	NO.4 TRIPLEX	NO.2 TRIPLEX	NO.1/0 TRIPLEX	NO.4/0 TRIPLEX	250 MCM TRIPLEX	350 MCM TRIPLEX
1-P	26+71	27+76	LT.	300	200	300	180		1	1						
2-P	26+71	31+34	L&R	260	260	260					365					
3-P	31+34	32+15	LT.						1	1						
4-P	27+76	31+34	LT.	400	200	600	200	8			170					
5-P	0+52.75	1+53	RT.	960	660	1160	465	8	2	1						
6-P	1+53	3+00	RT.								135	400	200	670	960	660
TOTAL				1920	1320	2320	845	16	4	3	670	400	200	670	960	660