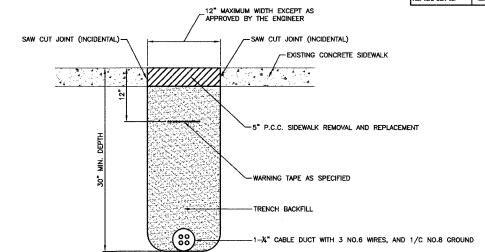
## CONTRACT NO. 83841





BITUMINOUS PAVEMENT OR CONCRETE SIDEWALK

REMOVAL AND REPLACEMENT

INSIDE CONTROL CABINET 2'-6" -VENTED ROOF OVERHANG CONCRETE FOUNDATION VENTED OVERHAN 3-1/2" RACEWAY (PVC) \_"BUTTON TYPE" PHOTOCELL MOUNTED TO BOTTOM OF VENTED ROOF OVERHANG "BUTTON TYPE" PHOTOCELL MOUNTED TO BOTTOM OF VENTED ROOF OVERHANG 1-14" UNIDUCT (INSIDE OF RACEWAY STREET LIGHTING STAINLESS STEEL NAMEPLATE-UNIVERSAL TYPE POLICE MAINTENANCE KEY LOCK ALUMINUM ALLOY CABINET-SECTION A-A 3'-0" -1/2" EXPANSION JOINT 5" P.C.CONCRETE REINFORCED PAD - 2% SLOPE TO CURB 4 1/2" ANCHOR BOLTS 2" G.S. CONDUIT FROM SERVICE INSTALLATION 1/2" EXPANSION JOINT · b 3一½" RACEWAY (PVC)-NO.4 BARE COPPER GROUND WIRE RUN THRU RACEWAY TO GROUND BUS. 2'--0" EXOTHERMIC WELD CONNECTION 3'-0" 5/8" x 10" GROUND ROD-CONTROL INSTALLATION

UTILITY POLE, PRIMARY CUT-OUTS TRANSFORMERS LOS APPLICABLE ALL BY THE ELECTRIC UTILITY. AND COOPERATE AS REQUIRED.

WITHITY GROUNG CONNECTION PROVIDE AND CONNECTION BY THE UTILITY OF CONNECTION AS APPLICABLE, BY UTILITY OF UTILITY OF CONNECTION BY THE UTILITY CROUND, AS APPLICABLE, BY UTILITY OF CONNECTION BY THE UTILITY CROUND, AS APPLICABLE, BY UTILITY OF CONNECTION BY THE UTILITY LENGTH AS RECORDED ASSERT CLEANINGE SEALING RESOURCE OF CONNECTION TO MATCH SERVICE OF GENEVAL THE UTILITY. LENGTH AS RECORDED ASSERT CLEANINGE SECONDARY SPACE, AS APPLICABLE OF CONNECTION TO APPROVE EDITAL, CONNECTE WITH LOCKING COLLAR.

APPROX. 6"

RIGID STEEL COMPUTE THEREO CO. A PROPROVED EDITAL CONNECTION THREE OF COMPUTE THE CONNECTION OF APPROVED COLLAR.

POR CONTENSION OF LENGTH OF THE CONNECTION THREE CONNECTION THREE OF CONDUIT EXTENSION.

APPROX. 6"

POP CONTENSION OF THE THREE OF CONDUIT EXTENSION.

LENGTH AS REQUIRED.

POP CONTENSION OF CONDUIT EXTENSION.

APPROX. 6"

POP CONTENSION OF THE THREE OF CONDUIT EXTENSION.

LENGTH AS REQUIRED.

THERE ADD TRANSITION COUPLING,

APPROX. 6"

POP CONTENSION OF THE THREE OF CONDUIT EXTENSION.

LENGTH AS REQUIRED.

THE ADD TRANSITION COUPLING,

APPROX. 6"

POP CONTENSION OF THE THREE OF CONDUIT EXTENSION.

LENGTH AS REQUIRED.

THE ADD TRANSITION COUPLING,

AS APPLICABLE, BY UTILITY

CONTENSION OF THE THREE OF CONDUIT EXTENSION.

LENGTH AS REQUIRED.

THE ADD TRANSITION COUPLING,

APPROX. 6"

THE ADD TRANSITION COUPLING,

AS APPLICABLE, BY UTILITY

AS RECURRED.

THE ADD TRANSITION COUPLING,

APPLICABLE SERVICE RISES GROUND ELECTRODE COMMUNITY.

SET ONE COUNTY COUPLING,

AS APPLICABLE, BY UTILITY

CONTENSION OF THE THREE OF CONDUIT EXTENSION.

LENGTH AS RECORD OF THE THREE OF CONDUIT EXTENSION.

LENGTH AS RECORD OF THE THREE OF THREE OF THE THREE OF THE THREE OF THREE OF THREE OF THREE OF THREE

240/480 VOLT, 10, 3 WIRE, 60 HZ. SERVICE 3.55 KVA LOAD FOR CONTROLLER NO.1

## NOTES.

- 1. SERVICE VOLTAGE SHALL BE AS INDICATED ELSEWHERE IN THE DRAWINGS.
- UNLESS OTHERWISE INDICATED, ITEMS AND WORK SHALL BE INCLUDED AND PAID AS PART OF ELECTRIC UTILITY SERVICE INSTALLATION.
- CONDUIT AND CONNECTOR DIAMETER SHALL MATCH THE DIAMETER OF THE SERVICE CONDUCTOR RACEWAY AS INDICATED.
- 4. PVC COATED RACEMAYS AND ACCESSORIES SHALL BE CAREFULLY INSTALLED WITH MER RECOMMENDED TOOLS AND PROCEDURES TO AVOID DAMAGE. ANY DAMAGE SHALL BE REPAIRED WITH COMPATIBLE PVC TOUGH-UP MATERIAL TO THE SATISFACTION OF THE ENGINEER OR THE DAMAGED MATERIAL SHALL BE REPLACED AT NO ADDITIONAL COST.
- B. THE CONTRACTOR SHALL OBTAIN INSPECTION AND APPROVAL BY THE HIGHER OF SERVICE INSER ORGANO ELECTRODE, RISSER ELBOW, THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE BEFORE BACKFILL AND SHALL ALSO OBTAIN INSPECTION OF SERVICE CONNECTION.
- THE SERVICE METER SOCKET, AS APPLICABLE, MOUNTED ELSEWHERE AS INDICATED SHALL BE INCLUDED AND PAID AS PART OF THE ELECTRICAL UTILITY SERVICE INSTALLATION PAY TIEM.
- 7. THE SERVICE CONDUCTOR RACEWAY SHALL BE AS INDICATED AND SHALL BE MEASURED SEPRATELY FOR PANIENT. WHEN THE RACEWAY IS PVC-COATED RIGID GALVANIZED STATEMENT OF THE PANIENT. WHEN THE RACEWAY IS PVC-COATED RIGID GALVANIZED IN CONCRETE, THE COUPLING SHALL BE A METALL OF NOW NETTAL CAUCHY WHEN THE RACEWAY IS ENCASED IN CONCRETE. THE CONCRETE SHALL EXTEND TO COVER THE COUPLING.
- 8, PLANS AND DETAILS INDICATE THE GENERAL NATURE AND REQUIREMENTS. THEY DO NOT SHOW EVERY ACCESSORY AND ATTACHMENT, AND THEY DO NOT RELIEVE THE DECRETARY OF THE STREET, AND THEY DO NOT RELIEVE THE DOCUMENT ACCORDING, TRUISINGS OF A STREET AND THE TRUISING ALL TITEMS AND MORK NOT PROVIDED BY THE UTILITY, BUT NECESSARY FOR A COMPLETE SERVICE INSTALLATION.

SERVICE CONNECTION FOR ALL CONTROLLERS

TOPSOIL WITH SEED OR SODDING

WARNING TAPE AS SPECIFIED

COMPACTED BACKFILL

COMPACTED BACKFILL

1-1/4" CABLE DUCT WITH 3 NO.6 WIRES, AND 1/C NO.8 GROUND

## TRENCH DETAIL

ROBINSON ENGINEERING, LTD. CONSULTING REGISTERED PROFESSIONAL ENGINEERS AND PROFESSIONAL LAND SURVIVEYORS 1700 SOUTH PARK AREW SOUTH HOLIAND ELMOS 60473 (708) 331-4700  © COPYRIGHT 2005		REVISIONS		
		No.	Date	Remarks
	119TH STREET LIGHTING DETAILS			
ALSIP,	ILLINOIS	Ħ		
Drawn by: RM	Date: 12/20/05			
Checked by: TRL/PAP	Scale: NONE			
Sheet 6 of 9	Project No. 02-160.02			