

ITEM 631 SCHOOL SPEED LIMIT SIGN ASSEMBLY, AS PER PLAN

EACH SCHOOL SPEED LIMIT SIGN ASSEMBLY SHALL CONSIST OF TWO (2) 12" LED FLASHING YELLOW BEACONS (GELCORE #DR6YFB23B OR APPROVED EQUAL), A S5-H3 SIGN, A 50 TO 60 WATT SOLAR PANEL, A GROUND ROD, AND A CABINET CONTAINING AN ELTEC NTC-17E TIME SWITCH #861501 OR APPROVED EQUAL, AN ELTEC F2 FLASHER OR APPROVED EQUAL, A 100 AH SEALED GEL BATTERY OR APPROVED EQUAL, A MORNINGSTAR PROSTAR SOLAR CONTROLLER OR APPROVED EQUAL, AN AUTO-ON/AUTO-OFF SWITCH, A DIMMER CONTROL, AND ALL WIRING AND OTHER EQUIPMENT NECESSARY FOR INSTALLATION AND OPERATION.

THIS ASSEMBLY SHALL BE MOUNTED ON A 15' PEDESTAL WITH A TRANSFORMER BASE AND POLE CAP. THE PEDESTAL, TRANSFORMER BASE, CAP, CABINET, BEACON HOUSINGS, SOLAR PANEL HOUSING, AND ALL MOUNTING HARDWARE SHALL BE DARK BRONZE (FEDERAL COLOR NO. 595-37056). THE PEDESTALS SHALL BE GALVANIZED AND POWDER COATED OR PAINTED USING A FOUR-PART EPOXY PAINT SYSTEM (AMERON'S AMER-LOC PROCESS OR APPROVED EQUAL).

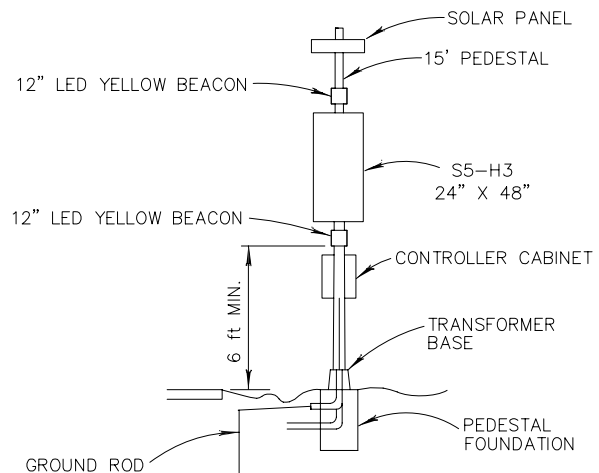
THE S5-H3 SIGN SHALL BE 24" X 48". THE SIGN SHALL READ "SCHOOL SPEED LIMIT 20 DURING RESTRICTED HOURS." THE BACKGROUND FOR THE WORD "SCHOOL" SHALL BE FLOURESCENT YELLOW-GREEN IN COLOR. THE REMAINING ASPECTS OF THE SIGN SHALL BE PER ODOT STANDARDS.

THE SOLAR PANEL SHALL FACE DUE SOUTH AT APPROXIMATELY A 45° ANGLE TO THE SKY. THE SOLAR PANEL SHALL HAVE A CLEAR VIEW OF THE SKY, FREE AND CLEAR OF ANY OBSTRUCTIONS, FOR OPTIMUM PERFORMANCE.

THE FOLLOWING ASSEMBLIES SHALL FLASH _____ A.M. AND _____ P.M. SCHOOL DAYS.

ALL SCHOOL DAY EXCEPTIONS AND LATE START DAYS FOR THE CURRENT SCHOOL YEAR SHALL BE OBTAINED FROM THE ENGINEER AND PROGRAMMED INTO THE TIMER BY THE CONTRACTOR.

PAYMENT FOR THIS ITEM SHALL BE AT THE CONTRACT UNIT PRICE FOR EACH "SCHOOL SPEED LIMIT SIGN ASSEMBLY, AS PER PLAN," COMPLETE AND IN PLACE, INCLUDING ALL CONNECTIONS, TESTED AND ACCEPTED.



**TRAFFIC CONTROL
NOTES AND DETAILS**

**CITY OF
HILLIARD, OHIO**

DATE: August 27, 2007

SCHOOL ZONE FLASHER
ASSEMBLY

STANDARD
CONSTRUCTION DRAWING

SCALE: N.T.S.

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TC-2