GENERAL NOTES:
1. SEE GROUND MOUNTED SCHOOL FLASHING BEACON DETAIL FOR
   OPTIONAL END SCHOOL ZONE FLASHING BEACON DETAIL
2. SIGN BEACON ASSEMBLY MUST HAVE CURRENT APL, CERTIFICATION NO.
   FROM FDOT.
3. FLASHING BEACON INDICATIONS SHALL BE FLASHED ALTERNATELY.
   BEACONS SHALL BE FLASHED AT A RATE OF NOT LESS THAN 50 OR MORE
   THAN 60 TIMES PER MINUTE, THE ILLUMINATED PERIOD OF EACH FLASH
   SHALL BE A MINIMUM OF 1/2 AND A MAXIMUM OF 2/3 OF THE TOTAL
   CYCLE.
4. ADD ALUMINUM BACK PLATE TO MEET VISIBILITY REQUIREMENTS WHEN
   NECESSARY.
5. WHEN SPEEDING FINES DOUBLED SIGN IS GROUND MOUNTED,
   OPTIONAL OVERHEAD PANEL IS NOT REQUIRED.

MAST ARM

SCHOOL ZONE
15 MPH
WHEN FLASHING

1' MIN

4'8"

1' MIN

1' MIN

4'8"

4'8"

ALUMINUM BACK PLATE

SCHOOL ZONE
15 MPH
WHEN FLASHING

65 WATT SOLAR PANEL,
"MOUNT ON UPRIGHT UNLESS MINIMUM
SOLAR VISIBILITY STANDARDS CAN NOT BE MET.

"PUCK" STYLE ANTENNA REQD
(NAZTEC OR EQUIVALENT).

MOUNT ON IRON RIGID BRACKET
NO. L/M-19010X OR EQUIVALENT BRACKET
RATED TO WIND SPEED OF 80 MPH OR GREATER.

TWO COMPARTMENT FLASHER CABINET
MOTEL - TSFLM202. DIMENSIONS - 17" WIDE
BY 26" HIGH BY 9" DEEP. WITH MOUNTING
HARDWARE INCLUDING FLASHER, PAGER SYSTEM,
TIME SWITCH, AND TIME SWITCH HARNESS;
(NAZTEC PART #5040-2053 OR EQUIVALENT)

PULL BOX WITH TWO
CONDUIT SWEEPS REQUIRED.

20 LF 5/8 INCH DIAMETER
COPPER CLAD GROUND ROD
CONTINUOUS OR ARRAY.

MINIMUM 17'-2" LOW POINT CLEARANCE

SIGN IS CENTERED ON APPROACH.

12" YELLOW FLASHING BEACON,
ONE ON EACH SIDE OF SIGN.

"OPTIONAL OVERHEAD
SPEEDING FINES DOUBLED PANEL

BACK ALUMINUM PANEL

ALUMINUM BACK PLATE DETAIL

REVISIONS
04-30-2019
UPDATED PANEL REQUIREMENTS
11-06-2019
UPDATED BRACKET REQUIREMENTS
01-27-2020
ADDED OPTIONAL SIGN

BROWARD COUNTY
PUBLIC WORKS DEPARTMENT
TRAFFIC ENGINEERING DIVISION

SOLAR SCHOOL FLASHER DETAILS
-OVERHEAD MAST ARM

DESIGN BY: REBECCA MARTINEZ, P.E.
DRAWN BY: STEPHEN RAMOTAR
CHECKED BY: YVES D'ANJOU, P.E.
SCALE: NTS

DATE
DESCRIPTION

01-27-2020
ADDED OPTIONAL SIGN

04-30-2019
UPDATED PANEL REQUIREMENTS
11-06-2019
UPDATED BRACKET REQUIREMENTS

1 OF 1