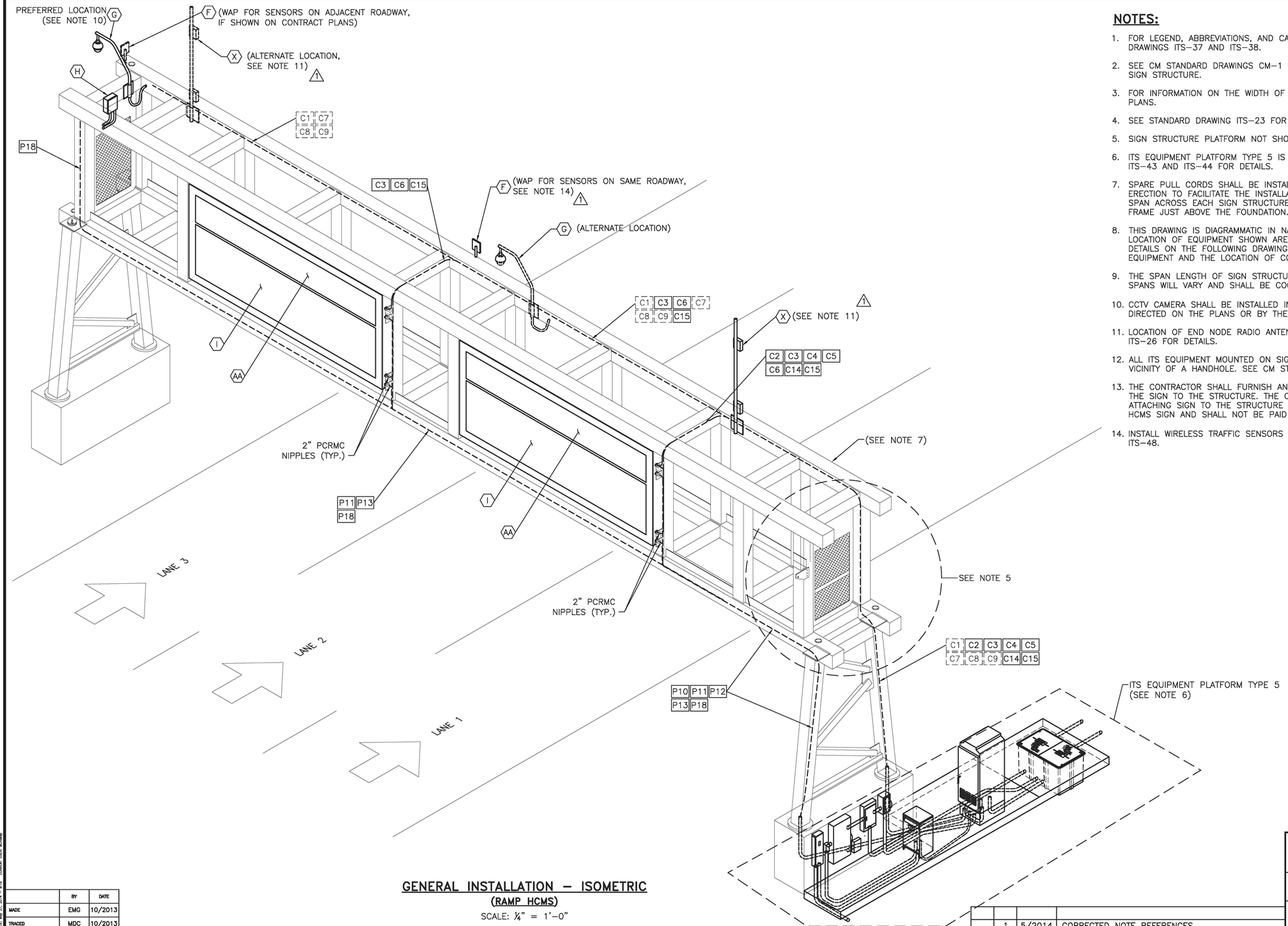

GENERAL INSTALLATION – ISOMETRIC
(RAMP HCMS)

SCALE: ¼" = 1'–0"

NOTES:

1. FOR LEGEND, ABBREVIATIONS, AND CABLE AND CONDUIT SCHEDULES, SEE STANDARD DRAWINGS ITS–37 AND ITS–38.
2. SEE CM STANDARD DRAWINGS CM–1 THROUGH CM–10 FOR HCMS OPENING SIZE OF THE SIGN STRUCTURE.
3. FOR INFORMATION ON THE WIDTH OF THE ROADWAY AND SHOULDERS SEE THE CONTRACT PLANS.
4. SEE STANDARD DRAWING ITS–23 FOR CCTV CAMERA INSTALLATION DETAILS.
5. SIGN STRUCTURE PLATFORM NOT SHOWN FOR CLARITY. SEE CM STANDARD DRAWINGS.
6. ITS EQUIPMENT PLATFORM TYPE 5 IS SHOWN ON THIS DRAWING. SEE STANDARD DRAWINGS ITS–43 AND ITS–44 FOR DETAILS.
7. SPARE PULL CORDS SHALL BE INSTALLED INSIDE EACH HCMS SIGN STRUCTURE DURING ERECTION TO FACILITATE THE INSTALLATION OF FUTURE CABLES. THE PULL CORDS SHALL SPAN ACROSS EACH SIGN STRUCTURE BETWEEN HANDHOLES ON EACH LEG OF THE END FRAME JUST ABOVE THE FOUNDATION.
8. THIS DRAWING IS DIAGRAMMATIC IN NATURE AND NOT ALL DIMENSIONS, CONDUITS, OR THE LOCATION OF EQUIPMENT SHOWN ARE TO SCALE. REFER TO THE CONTRACT PLANS AND DETAILS ON THE FOLLOWING DRAWINGS FOR MORE INFORMATION ON THE DIMENSIONS OF EQUIPMENT AND THE LOCATION OF CONDUITS.
9. THE SPAN LENGTH OF SIGN STRUCTURES SHALL BE AS SHOWN ON THE PLANS. SIGN SPANS WILL VARY AND SHALL BE COORDINATED WITH THE TRAFFIC AND ROADWAY PLANS.
10. CCTV CAMERA SHALL BE INSTALLED IN AN ALTERNATE (NON–STANDARD) LOCATION IF DIRECTED ON THE PLANS OR BY THE ENGINEER.
11. LOCATION OF END NODE RADIO ANTENNA SHALL BE AS DIRECTED BY THE AUTHORITY. SEE ITS–26 FOR DETAILS.
12. ALL ITS EQUIPMENT MOUNTED ON SIGN STRUCTURE SHALL BE INSTALLED WITHIN THE VICINITY OF A HANDHOLE. SEE CM STANDARD DRAWINGS FOR LOCATION OF HANDHOLES.
13. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL STAINLESS STEEL HARDWARE TO MOUNT THE SIGN TO THE STRUCTURE. THE COST OF ALL STAINLESS STEEL HARDWARE FOR ATTACHING SIGN TO THE STRUCTURE SHALL BE INCIDENTAL TO THE INSTALLATION OF THE HCMS SIGN AND SHALL NOT BE PAID FOR SEPARATELY.
14. INSTALL WIRELESS TRAFFIC SENSORS (WTS) IN ROADWAY AS SHOWN ON STANDARD DRAWING ITS–48.

0 ½ 1 2 3 4
ORIGINAL SIZE IN INCHES

	BY	DATE
MADE	EMG	10/2013
TRACED	MDC	10/2013
CHECKED	EMG	10/2013
SUPERVISED	ALB	10/2013

APP.	NO.	DATE	REVISION
	1	5/2014	CORRECTED NOTE REFERENCES
	0	11/2013	ORIGINAL DRAWING

NEW JERSEY TURNPIKE AUTHORITY
NEW JERSEY TURNPIKE

HCMS RAMP DETAILS – 1

HNTB 9 ENTIN ROAD, SUITE 202, PARSIPPANY, NJ 07054 – COA# 24GA28000700
ANTHONY L. BARTELLO
New Jersey Professional Engineer License No. GE 45842

STANDARD DRAWING ITS–41

ACAD FILE NAME: NJTA–SD ITS–41.dwg Layout: .Layout1

CONTRACT NO. SHEET NO. OF

MOTOR PLT: \\JAX\Projects\Drawings\Working Files\ITS\NJTA-SD ITS-41.dwg LAST SAVED DATE: May 22, 2014 - 21:56 By: MConley
LOGIN NAME: MConley