

Republic of the Philippines

DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS OFFICE OF THE SECRETARY

Manila

MAR 1 5 2019		
DEPARTMENT ORDER)	SUBJECT:	REVISED GUIDELINES ON THE
No		INSTALLATION OF ROAD RIGHT-OF-WAY (RROW) BOUNDARY MARKER, KILOMETER POST, AND STREET NAME ALONG NATIONAL HIGHWAYS ON RURAL AND
		URBAN AREAS

To ensure proper and effective delineation of road-right-of-way limits of national roads, to properly inform the public about national roads that fall within the jurisdiction of DPWH, and to provide uniformity in design and features for kilometer post and street names, all Regional and District Engineering Offices are hereby directed to strictly comply with the following guidelines on the installation of RROW markers, kilometer posts and street names along national highways on rural and urban areas:

A. ROAD RIGHT-OF-WAY MARKER:

- On rural and semi-urbanized area, RROW marker posts shall be installed following the design and specifications shown in Annexes "A-1" to "A-3". All information on the RROW boundary marker post shall be in black lettering on white background while post shall be painted with reflectorized yellow color. The RROW boundary marker posts shall be installed along the RROW limit line on each side of the road at one (1) kilometer interval as shown in Annex "B".
- 2. Along curve section on rural and semi-urbanized area, RROW marker shall be installed along the beginning, center and end of the horizontal curve as shown in Annex "C".
- 3. On highly urbanized area, RROW marker shall be concrete block embedded on the surface along the edge of concrete sidewalk on each side of the road at 200 meters interval as shown in Annex "D". All information on the RROW boundary marker concrete block shall be in black lettering on white background, while the border shall be painted with reflectorized yellow color.

B. KILOMETER POST:

- 1. Kilometer posts shall be installed on all primary and secondary national roads following the design and specification shown in Annexes "E-1" to "E-4". All existing kilometer posts along primary and secondary roads shall be removed and reinstalled along tertiary roads with proper relabeling.
- 2. Kilometer posts must never be moved or relabeled without consulting the Road and Bridge Information Application (RBIA) Section of the Statistics Division (SD) of the Planning Service. In the event of road conversion which necessitates installation of new set of kilometer posts, consultation with the SD should likewise be undertaken prior to installation.

- 3. Kilometer posts shall be installed on the right side of the road (along the direction away from the reference location) at one (1) kilometer interval as shown in Annex "B". It shall be located outside the shoulder at 2.50m (max.) from the edge of the road pavement. Where the shoulder is less than 2.0m, the post shall be located at 0.50m setback from the edge of the shoulder. Whenever there is an obstruction at the proposed location of kilometer post (i.e., bridge, junction, gateway, railroad crossing, etc.), offsetting should be done either backward or forward whichever is visible, and the corresponding chainages should be recorded and uploaded in the RBIA.
- 4. On section where there is existing or requirement for installation of guardrails, kilometer post shall be installed along guardrail face.
- 5. All information on the kilometer posts shall be in black lettering on white background, while the post shall be painted with reflectorized yellow color.

C. STREET NAME AND POST:

- 1. Street name and post shall be installed following the design and specifications shown in Annexes "F" and "G".
- 2. Street name post shall be installed on road intersections as shown in Annex "H".
- 3. All information on the street name shall be in white lettering on blue background.
- 4. Street name post shall be painted with reflectorized blue color.
- 5. On intersection with traffic light, street name shall be installed on traffic light post.
- 6. In cities and other urban centers where there are already existing street name signs installed, the information "National Road" shall be added on the sign plate below the street name using sticker.

Funds to cover the expenditures related to this activity shall come from the activities programmed for implementation under the Annual Work Program for routine maintenance activities, i.e., Activities 209-Other Roadside Maintenance, 301-Sign Maintenance and 309-Other Traffic Services and/or other appropriate funds available for the purpose. Funds shall be programmed annually until such time that all national roads under the District's jurisdiction shall have been provided with the RROW markers, kilometer posts and street names. Further, said structures shall be maintained in the same manner that the carriageway and roadsides are maintained.

This Order supersedes D.O No. 90, s. 2015 and shall take effect immediately.

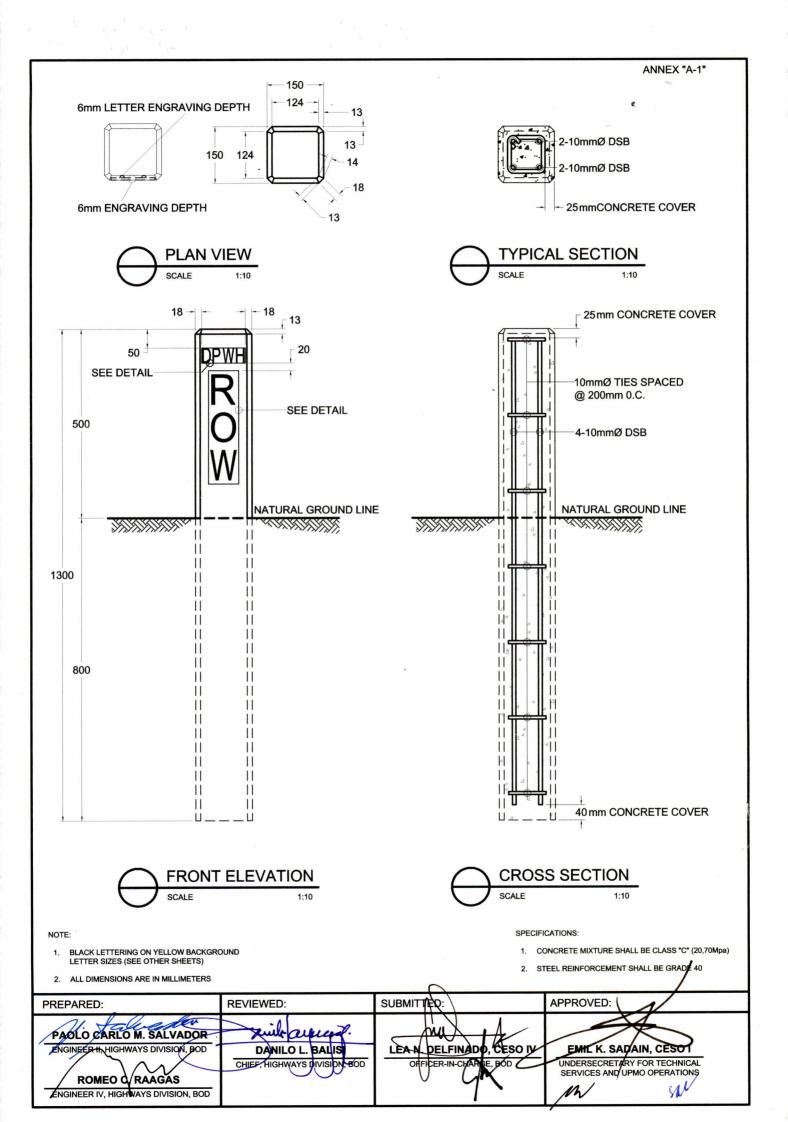
MARK A. VILLAR

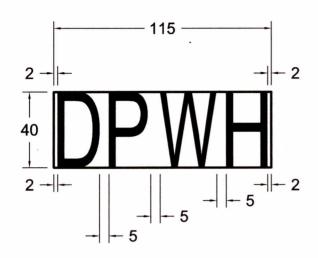
Secretary

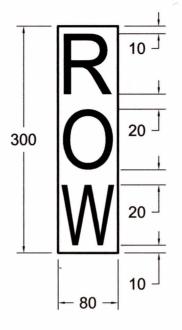
Department of Public Works and Highways Office of the Secretary

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5.1.3 DLB/LND









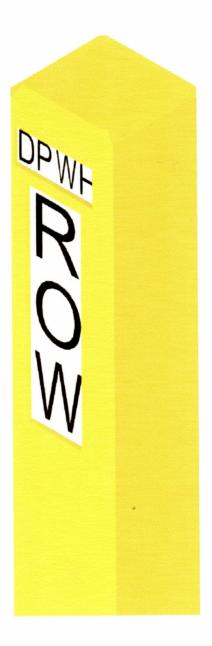
BLOW-UP DET	[AIL
SCALE	1:5

LETTER	WIDTH	HEIGHT	TYPE OF LETTER
D	22	40	Series "C"
Р	22	2 40 Series "C"	
W	30	40	Series "C"
Н	30	40	Series "C"
R	64	80 Serie	Series "E"
0	66	80	Series "E"
W	70	80	Series "D"



- THE TYPE OF LETTER (SERIES) CAN BE FOUND IN THE MAY 2012 HIGHWAY SAFETY DESIGN STANDARDS, PART 2, ROAD SIGNS AND PAVEMENT MARKINGS MANUAL
- 2. ALL DIMENSIONS ARE IN MILLIMETERS

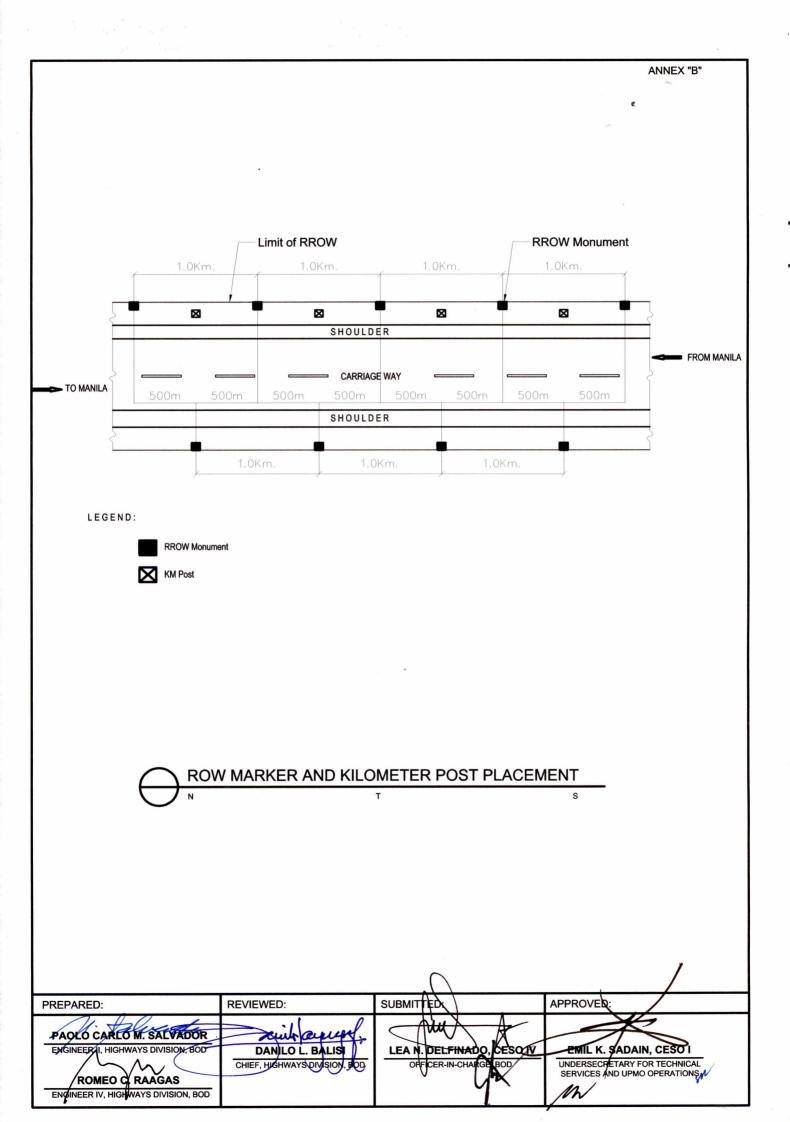
			1
PREPARED:	REVIEWED:	SUBMIT/ED:	APPROVED:
PAOLO CARLO M. SALVADOR ENGINEER'II, HIGHWAYS DIVISION, BOD ROMEO CRAAGAS ENGINEER IV, HIGHWAYS DIVISION, BOD	DANILO L. BALIS CHIEF, HIGHWAYS DIVISION, BOD	LEA N. DELFINADO, CESO IV	EMIL K. SADAIN, CESO I UNDERSECRETARY FOR TECHNICAL SERVICES AND UPMO OPERATIONS

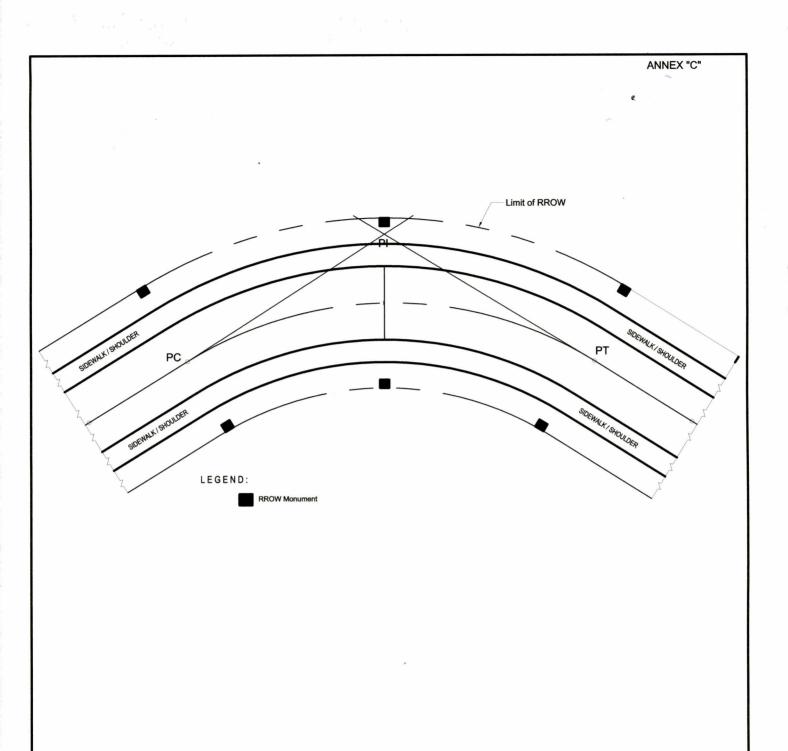




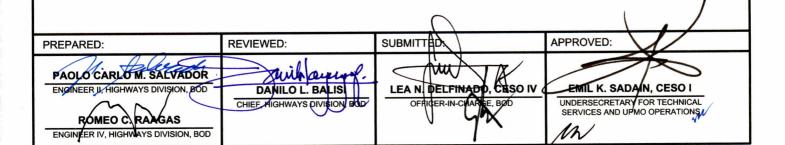
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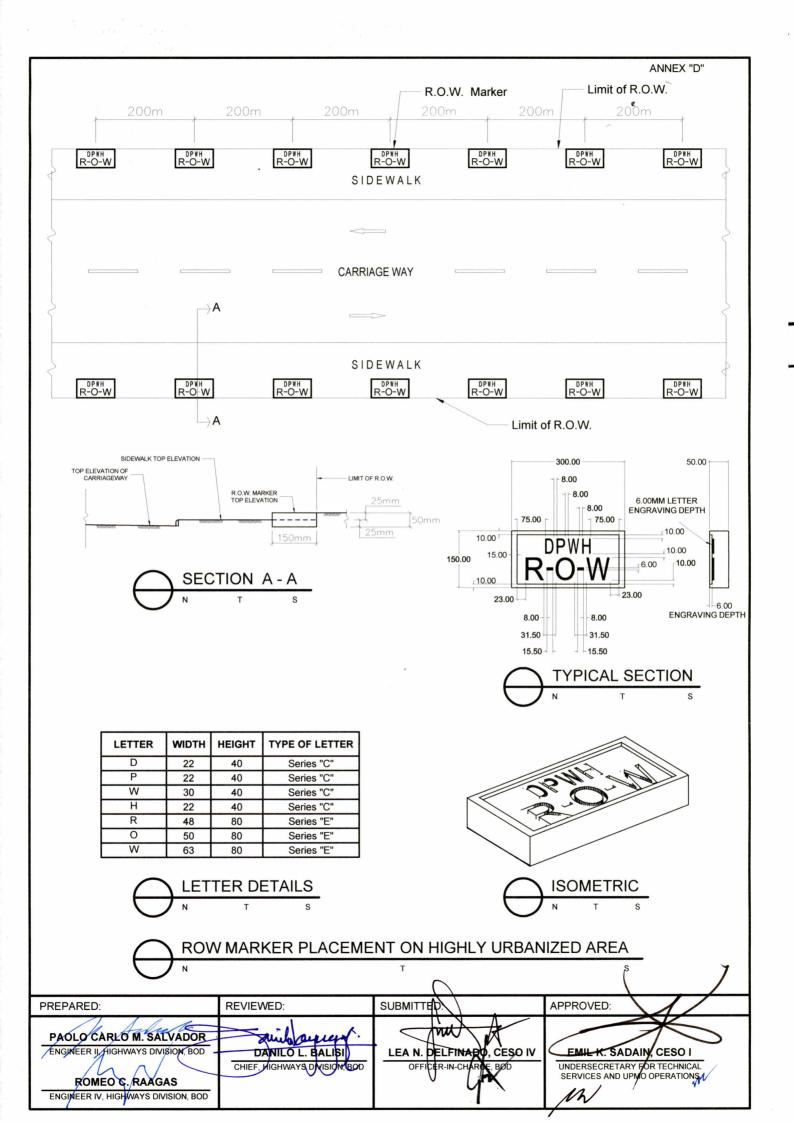
PREPARED:	REVIEWED:	SUBMITTED:	APPROVED:
PAOLO CARLO M. SALVADOR ENGINEER IV, HIGHWAYS DIVISION, BOD ROMEO C. RAAGAS ENGINEER IV, HIGHWAYS DIVISION, BOD	DANILO L. BALISII CHIEF, HIGHWAYS DIVISION, BOD	LEA N. DELFINADO, CESO IV OFFICER-IN-CHARGE BOD	UNDERSECRETARY FOR TECHNICAL SERVICES AND UPMO OPERATIONS

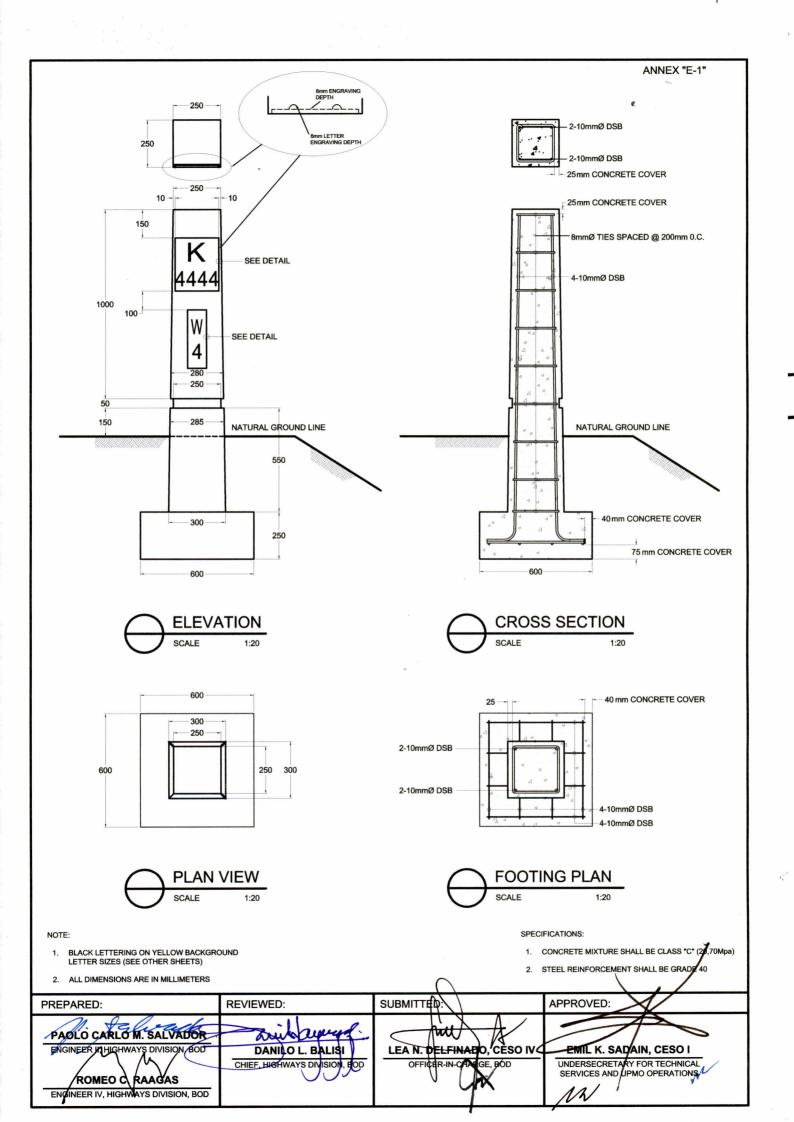


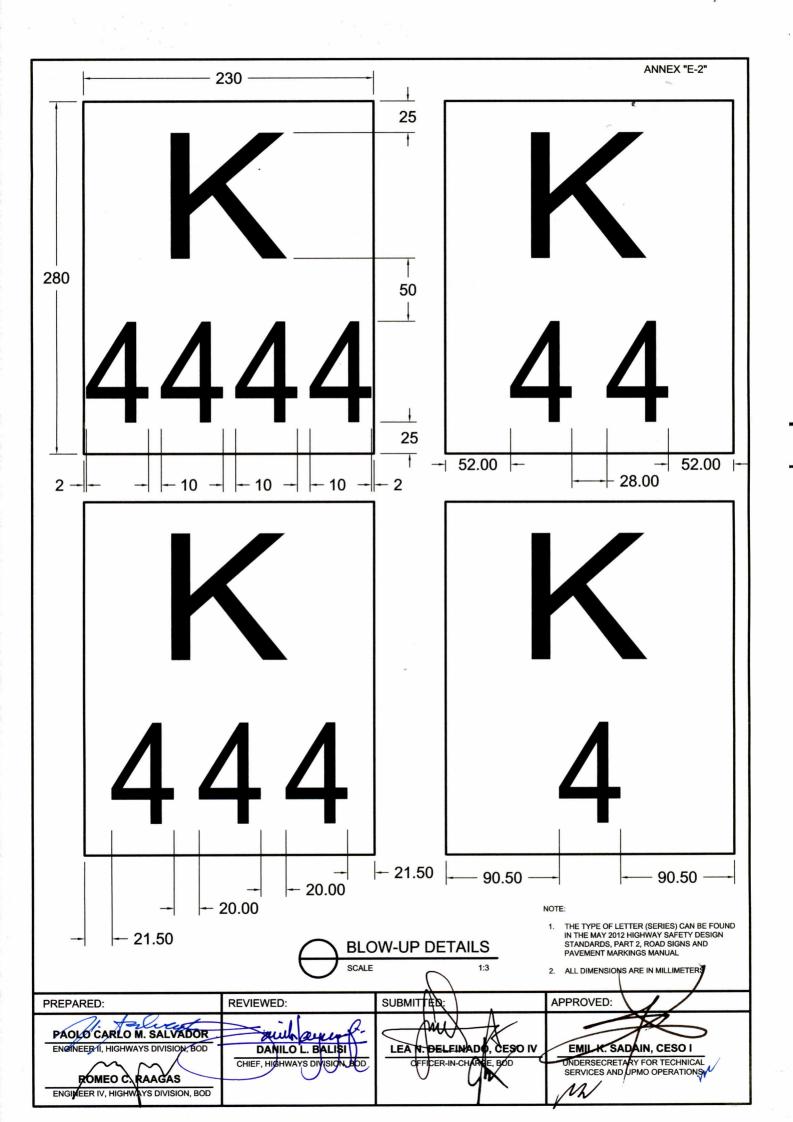


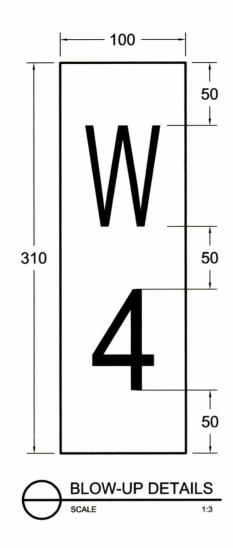












LETTER / NUMBER	WIDTH	HEIGHT	TYPE OF LETTER
A to Z	60	80	Series "C"
K	92	100	Series "F"
1 to 10	49	80	Series "C"

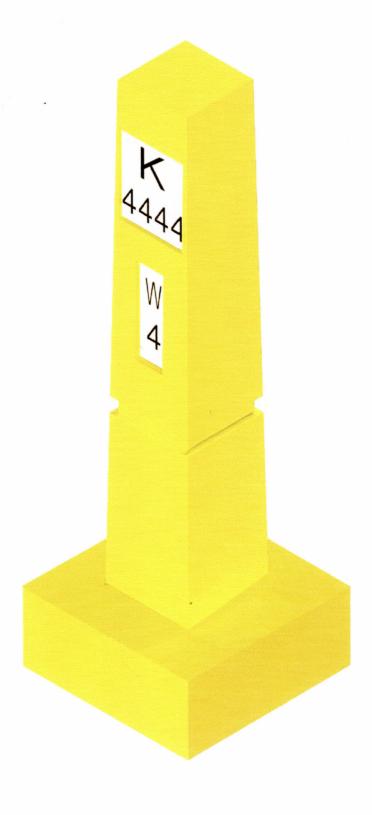


 THE TYPE OF LETTER (SERIES) CAN BE FOUND IN THE MAY 2012 HIGHWAY SAFETY DESIGN STANDARDS, PART 2, ROAD SIGNS AND PAVEMENT MARKINGS MANUAL

2.	ALL	DIMENSIONS	ARE IN	MILLIMETERS

PREPARED:	REVIEWED:	SUBMITTED:	APPROVED:	
PAOLO CARLO M. SALVADOR ENGINEER II, HIGHWAYS DIVISION, BOD ROMEO C. RAAGAS ENGINEER IV, HIGHWAYS DIVISION, BOD	DANILO L. BALISI CHIEF, HIGHWAYS DIVISION BOD	LEAN DELFINADO CESO IV	UNDERSECRE	ETARY FOR TECHNICAL UPMO OPERATIONS



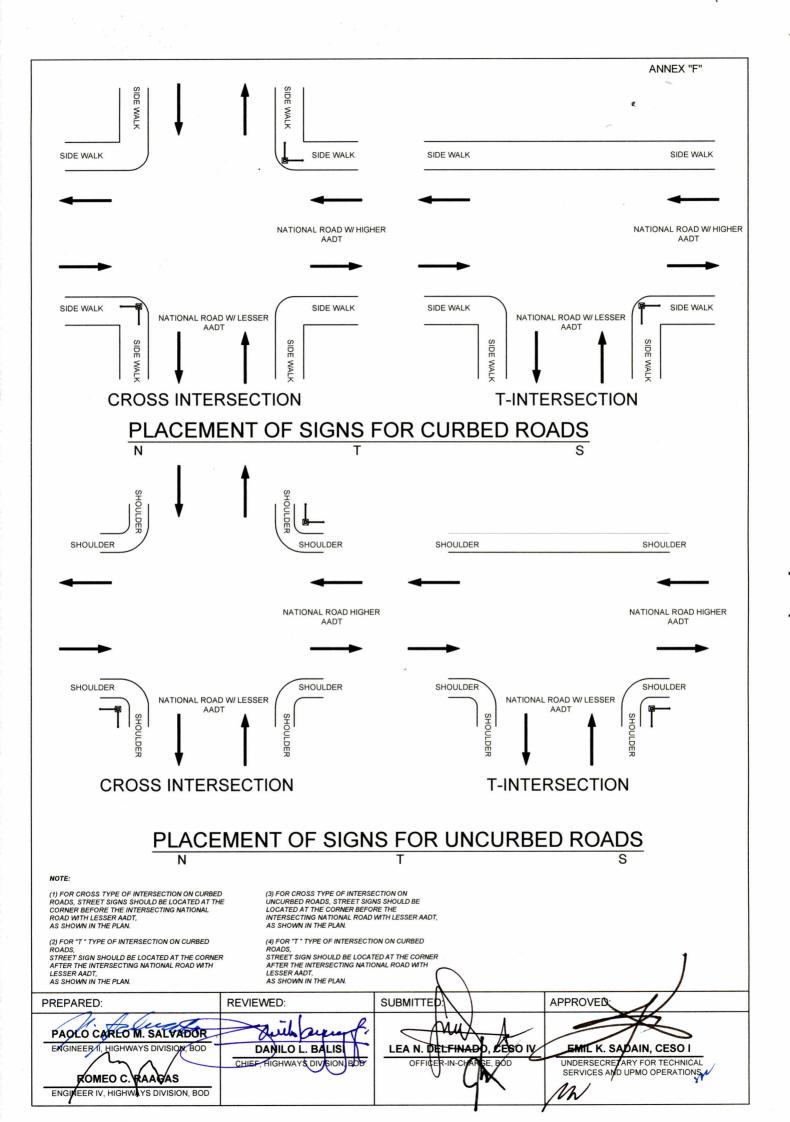


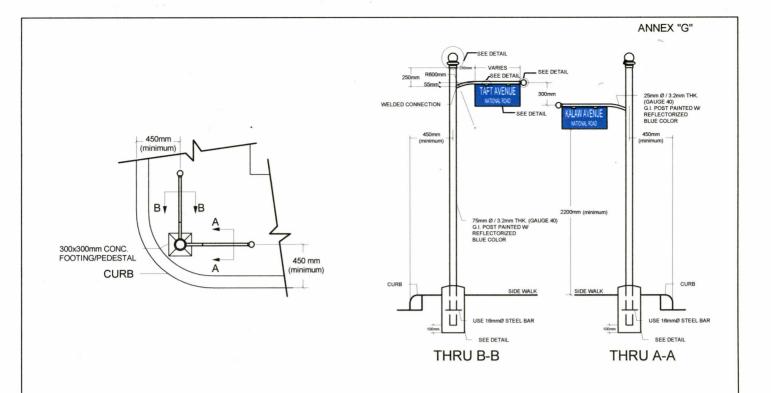
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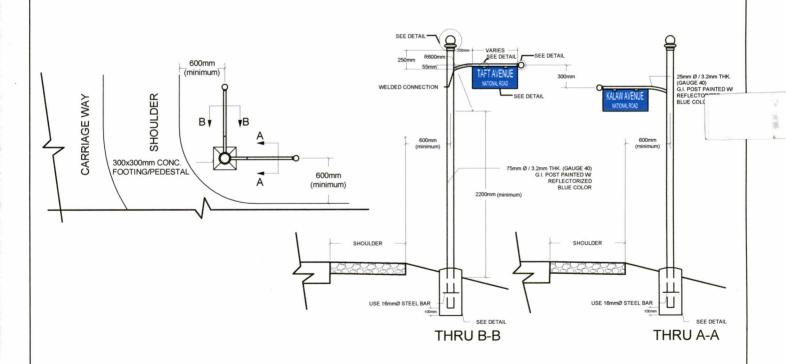
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PLAN FOR CURBED ROADS

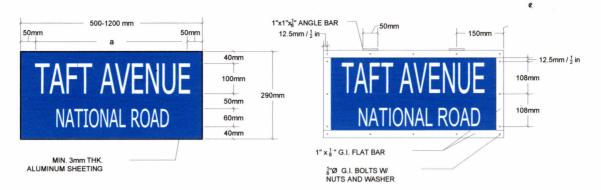
ELEVATION FOR CURBED ROADS



PLAN FOR UNCURBED ROADS

ELEVATION FOR UNCURBED ROADS

					7.9	
	PREPARED:	REVIEWED:	SUBMITTEP.	A	PPROVED:	-/
1	PAOLO ARLO M. SALVADOR ENGINEER II, HIGHWAYS DIVISION, BOD ROMEO C. RAAGAS ENGINEER IV, HIGHWAYS DIVISION, BOD	DANICO L. BALLS CHIEF, HIGHWAYS DIVISION, BOD	LEA N. DELFINADO OFFICER-IN-CHAR	E BOD/	EMIL & SADAIN, C UNSERSECRETARY FOR T SERVICES AND UPMO OPE	ECHNICAL
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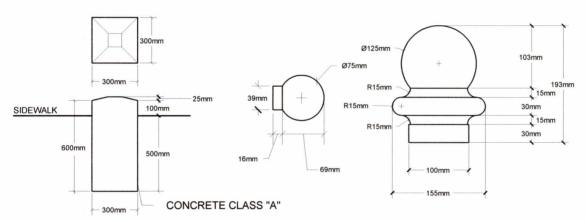
FRONT

REAR

Note:
1.) Dimension "a" varies from
500mm-1100mm according to
the road names.

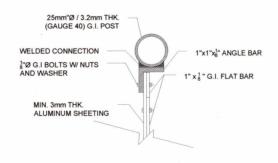
2.) White retro-reflective letters on blue background.

SIGN PANEL DETAIL
SCALE 1:10



CONC. FOOTING/PEDESTAL DETAIL

PRE-FORMED G.I. STEEL DETAIL



CONNECTION DETAIL SCALE 12

PREPARED:

REVIEWED:

SUBMITTED:

APPROVED:

PAGLO CARLO M. SALVADOR

ENGINEER II, HIGHWAYS DIVISION, BOD

DANILO L. BALISI

CHIEF, HIGHWAYS DIVISION, BOD

CHIEF, HIGHWAYS DIVISION, BOD

ROMEO C. RNAGAS

ENGINEER IV, HIGHWAYS DIVISION, BOD