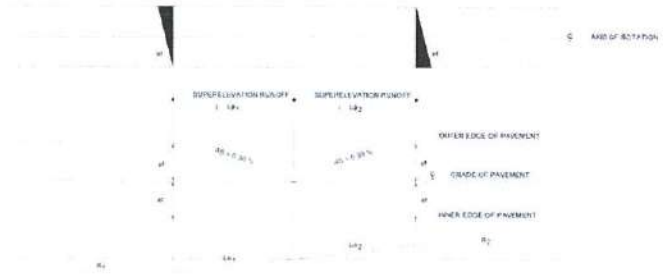


HORIZONTAL CURVE (CIRCULAR)

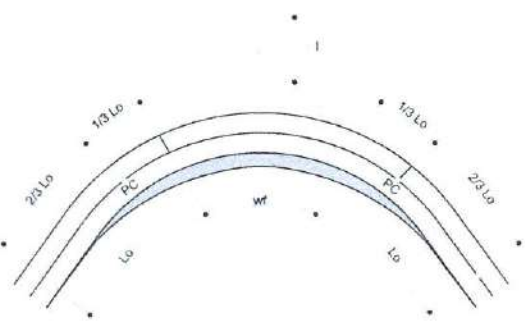
- LEGEND**
- wf - FULL WIDENING
 - PI - POINT OF INTERSECTION
 - I - INTERSECTION ANGLE (CENTRAL ANGLE)
 - T - TANGENT DISTANCE
 - R - HORIZONTAL RADIUS
 - Lc - LENGTH OF CIRCULAR CURVE
 - E - EXTERNAL DISTANCE
 - D - DEGREE OF CURVE (ARC DEFINITION)
 - PC - POINT OF CURVATURE
 - PT - POINT OF TANGENCY
 - L - LENGTH OF SUPERELEVATION RUNOFF
 - Lo - LENGTH OF SUPERELEVATION RUNOFF
 - wf - FULL SUPERELEVATION
 - X - LENGTH BETWEEN SUPERELEVATION 0% & N.C. %
 - S - SLOPE OF EDGE OF PAVEMENT IN % RELATIVE TO
 - Vd - DESIGN SPEED
 - N.C. - NORMAL CROSSFALL



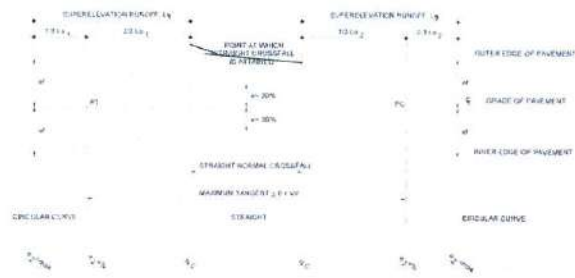
**CASE 1
SUPERELEVATION TRANSITION**



**CASE 2
TRANSITION : CIRCULAR CURVE - REVERSED CIRCULAR**



METHOD OF WIDENING



**CASE 3
TRANSITION : CIRCULAR CURVE - STRAIGHT-CIRCULAR CURVE**

NOTES:

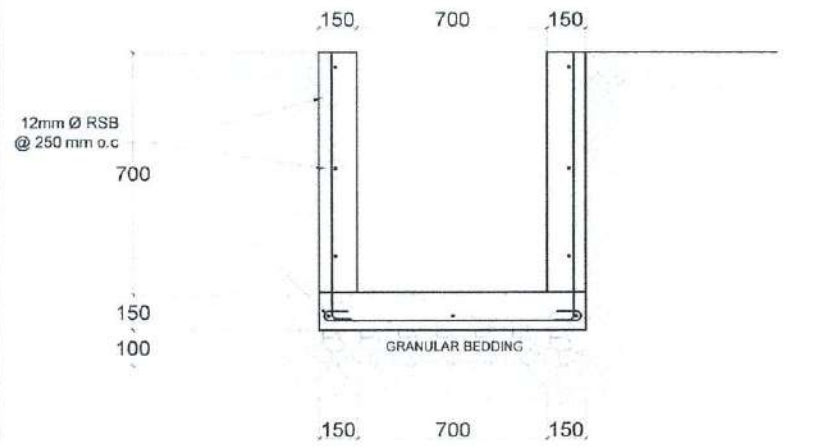
1. FOR EFFECTIVE DRAINAGE AS HAS TO BE > 0.30%.
2. WHERE $\Delta S < 0.30\%$ A SPECIAL METHOD OF SUPERELEVATION TRANSITION HAS TO BE ADOPTED AS INDICATED IN THE DOTTED LINE.
3. ROUNDING OFF ONLY NECESSARY IF $\Delta S > 0.60\%$.

Vd	≤ 50 Km/H	80 Km/H	≥ 80 Km/H
R	500 m	1 000 m	2 000 m

4. Δ CAN BE TAKEN FROM CHART OF SUPERELEVATION RATE.
5. SUPERELEVATION CAN BE ATTAINED BY REVOLVING THE PAVEMENT ABOUT THE CENTER PROFILE.
6. THE SLOPE OF THE SIDEWALK SHALL ALWAYS FALL TOWARD THE TRAVELLED WAY.
7. THE SLOPE OF THE SHOULDER SHALL ALWAYS FALL IN THE DIRECTION OF THE OUTSIDE EDGE OF TRAVELLED WAY.
8. WHEN SUPERELEVATION IS LARGER THAN 4% THEN THE SLOPE OF LOWER SHOULDER SHALL BE THE SAME FOR TRAVELLED WAY.
9. WHEN SUPERELEVATION IS LESS THAN 6% THE HIGHER SHOULDER SHALL HAVE A SLOPE OF 4% OR 5% FOR PAVED AND UNPAVED SHOULDER RESPECTIVELY.
10. IF THE SUPERELEVATION VARIES FROM 6% TO 8% (BEING THE MAXIMUM PERMITTED IN GEOMETRIC STANDARD FOR THE SECONDARY ROAD) THEN THE SLOPE OF THE HIGHER SHOULDER VARY FROM 4% TO 2%. THE ALGEBRAIC SUM OF THE SLOPES OF TRAVELLED WAY AND THE SHOULDER WHEN SUPERELEVATED SHALL ALWAYS BE EQUAL TO 10%.
11. USED CASE 3 WHEN MINIMUM TANGENT BETWEEN CURVES IS GRATER THAN $\frac{1}{2}(L_0 + L_1)$.
12. NO HORIZONTAL CURVE IS REQUIRED WHEN THE INTERSECTION I (CENTRAL ANGLE) IS LESS THAN ONE DEGREE (1°)

ROADS (M)	DESIGN SPEED (KM/H)						COMMENTS
	40	60	80	100	120	120	
50	1.75						THE VALUE GIVEN IN THE TABLE ARE VALID FOR CIRCULAR ROAD WIDTH OF 5 METERS. FOR 7.65 METERS THE GIVEN VALUES ARE TO BE REDUCED BY 0.75 m AND 0.25 m RESPECTIVELY. WHERE A SIGNIFICANT NUMBER OF ESPECIALLY LARGE VEHICLES IS ENGAGED EXTRA WIDENING MAY HAVE TO BE CONSIDERED. VALUES LESS THAN 0.5 MAY BE DISREGARDED. THE WIDENING IS ATTAINED LINEARLY OVER THE WHOLE SUPERELEVATION RUN OFF AND APPLIED AT THE INNER OF THE CURVE.
60	1.50	1.50					
100	1.50	1.50					
125	1.25	1.25	1.25				
150	1.00	1.25	1.25				
160	1.00	1.25	1.25	1.25			
200	0.75	0.75	1.00	1.00			
250	0.75	0.75	1.00	1.00	1.00		
300	0.75	0.75	1.00	1.00	1.00		
400	0.5	0.75	0.75	1.00	1.00		
600	0.5	0.5	0.75	1.00	1.00		
800		0.5	0.75	0.75	1.00		
1000			0.75	0.75	0.75		
1200				0.75	0.75		
1500					0.75		

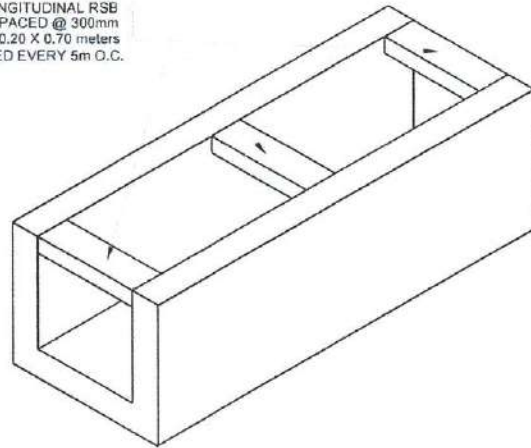
WIDENING OF CURVES



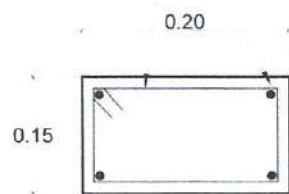
DET. CONCRETE LINED CANAL WITHOUT COVER

SCALE NTS

4-10mm \varnothing LONGITUDINAL RSB
10mm \varnothing TIES SPACED @ 300mm
STRINGER 0.15 X 0.20 X 0.70 meters
SPACED EVERY 5m O.C.

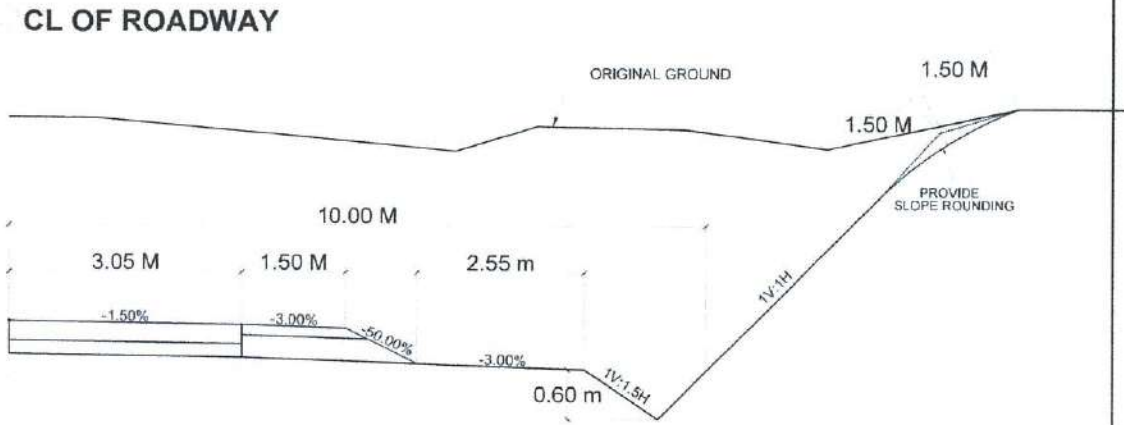


4-10mm \varnothing LONGITUDINAL RSB
10mm \varnothing TIES SPACED @ 300mm



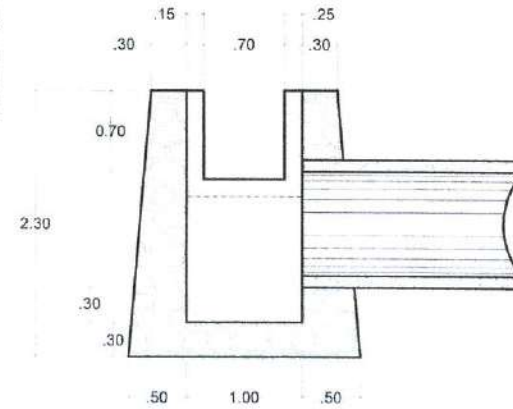
SECTION

SCALE NTS



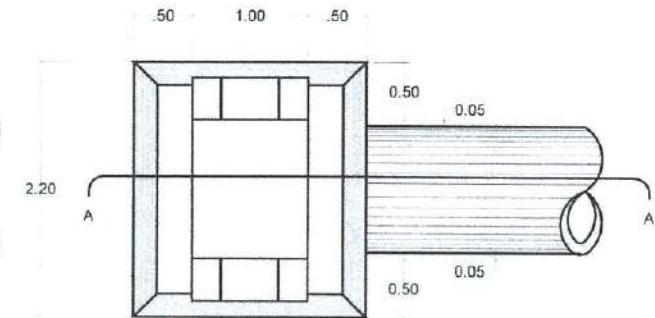
DETAIL OF SIDE DITCH

SCALE NTS



SECTION A-A

SCALE NTS



PLAN

SCALE NTS

DETAIL OF STONE MASONRY CATCH BASIN

SCALE NTS



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE VIII
BARAS PALS LEYTE

PROJECT NAME AND LOCATION
SIPAG - ACCESS ROADS AND DRIBBLES FROM THE NATIONAL ROADS LEADING TO MAJOR STRATEGIC PUBLIC BUILDINGS/FACILITIES - CONSTRUCTION OF ROAD, SEGMENT 1 - PHASE 1, BARANGAY PAGLAUM TO BARANGAY TABANGOHAY, TACLOBAN CITY
TACLOBAN CITY, LD

SHEET CONTENTS
DETAIL OF LINED CANAL, DITCH, AND CATCH BASIN

PREPARED
FRANCIS ALVIN C. NADERA
ENGINEER

REVIEWED
FELIX R. MACOS
CHIEF ENGINEER/DESIGN SECTION

SUBMITTED
AGNES M. BARONDA
CHIEF PLANNING AND DESIGN DIVISION

RECOMMENDED
M.A. MARGARITA C. JUNIA, D.M.
ASSISTANT REGIONAL DIRECTOR

APPROVED
EDGAR B. TABACON, CESO IV
REGIONAL DIRECTOR

SET NO. 30/33
SHEET NO. 20/175

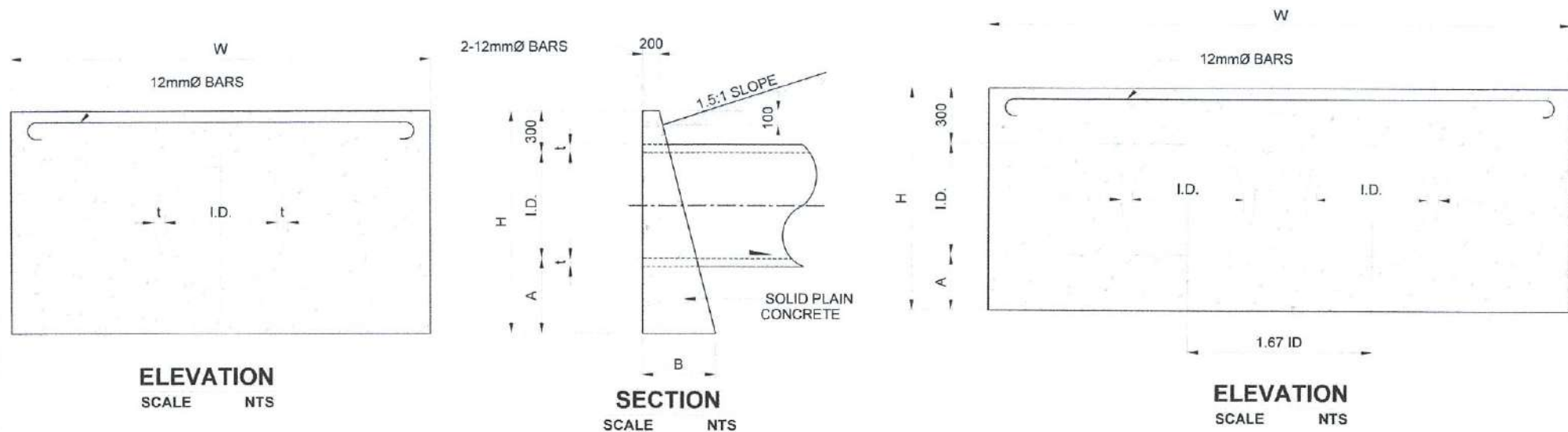
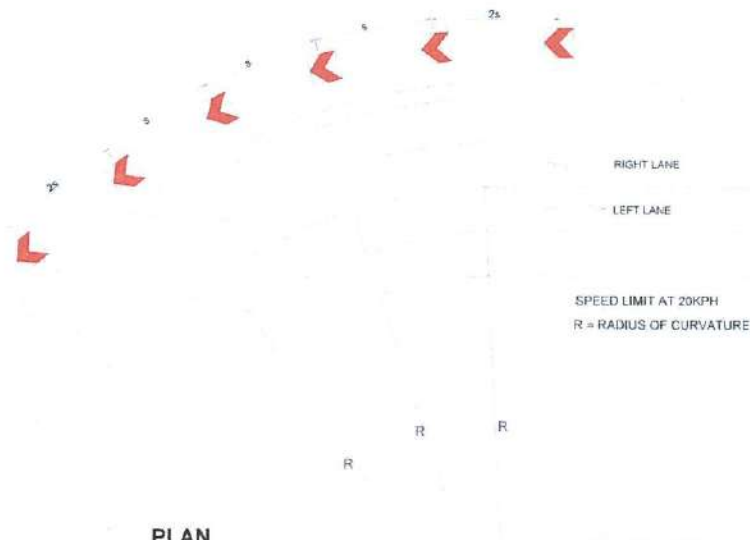


TABLE C (ONE STRAIGHT TYPE HEADWALL)

DIAMETER & THICKNESS (mm)		DIMENSIONS (mm)			SINGLE PIPE				DOUBLE PIPE				TRIPLE PIPE			
INTERNAL DIAMETER (I.D.)	MIN. THK. SHELL (t)	A	B	H	W (mm)	AREA OF WATERWAY m ²	CONCRETE m ³	REINF. STEEL kg.	W (mm)	AREA OF WATERWAY m ²	CONCRETE m ³	REINF. STEEL kg.	W (mm)	AREA OF WATERWAY m ²	CONCRETE m ³	REINF. STEEL kg.
460	51	310	350	1070	1500	0.15	0.46	3.48	2600	0.33	0.83	4.90	3400	0.45	0.80	5.97
610	64	410	430	1320	2400	0.29	0.87	4.55	3500	0.58	1.20	6.50	4600	0.87	1.51	8.45
910	86	610	600	1820	3800	0.65	2.28	6.68	5200	1.30	3.16	9.52	6800	1.95	3.85	12.36
1070	95	710	780	2080	4300	0.90	3.84	7.57	6050	1.80	5.09	10.67	7900	2.70	6.43	13.96
1220	108	810	870	2330	4800	1.17	4.43	8.81	6900	2.34	6.70	12.54	9000	3.51	7.97	16.14
1520	127	1010	980	2830	6000	1.81	8.80	10.94	8600	3.63	11.93	15.56	11200	5.43	15.05	19.82

STRAIGHT TYPE HEADWALL
SCALE NTS

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE VII BARANGAY PANGALAYAN</p>	<p>PROJECT NAME AND LOCATION SIPAS - ACCESS ROADS AND/OR BRIDGES FROM THE NATIONAL ROADS LEADING TO MAJOR STRATEGIC PUBLIC BUILDINGS/FACILITIES - CONSTRUCTION OF ROAD, SEGMENT 1 - PHASE 1, BARANGAY PAGLAUM TO BARANGAY TABANGOHAY, TAGLOREAN CITY TAGLOREAN CITY I.D.</p>	<p>SHEET CONTENTS STRAIGHT TYPE HEADWALL</p>	<p>DESIGNED FRANCIS ALVIN C. RADERA ENGINEER DATE</p>	<p>REVIEWED FELIX M. BARRERA CHIEF ENGINEER DATE</p>	<p>APPROVED AGNES B. BARONDA CHIEF PLANNING AND DESIGN DIVISION DATE</p>	<p>RECOMMENDED MA. MARGARITA G. JUNIA, D.N. ASSISTANT REGIONAL DIRECTOR DATE</p>	<p>APPROVED EDGAR M. TABACON, CESO IV REGIONAL DIRECTOR DATE</p>	<p>DET. NO. 22/33</p>	<p>SHEET NO. 22/175</p>
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RECOMMENDED SPACING FOR CHEVRON SIGNS

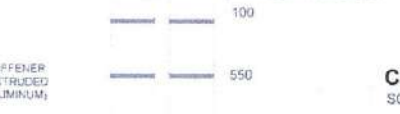
Advisory Speed limit (Kph)	Radius (m)	Chevron Spacing (m)
≤ 20	≤ 60	12
30-50	60-120	24
60-70	120-210	36
80-90	210-300	48
> 90	> 300	60

THE ABOVE SPACING DISTANCES SHALL APPLY TO POINTS WITHIN THE CURVE. APPROACH AND DEPARTURE SPACING DISTANCES SHALL BE TWICE THOSE SHOWN ABOVE.

PLAN

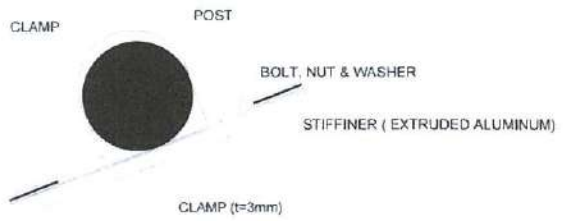
SCALE: 1/4" = 1'-0"

CHEVRON SIGN DETAILS



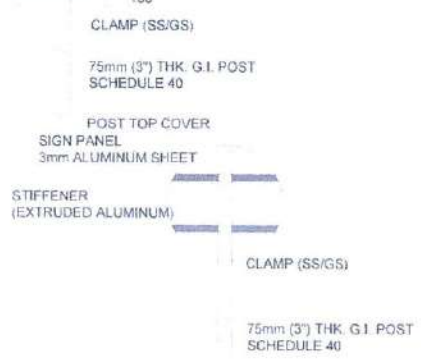
CHEVRON SIGN DETAILS

SCALE: NTS



STIFFENER & CLAMP DETAILS

SCALE: 1/50



REAR SIDE ELEVATION

SCALE: 1/20

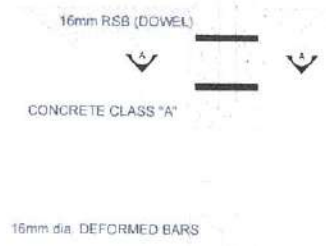
TYPICAL DETAIL FOR ROAD SIGN POST

SCALE: 1/20

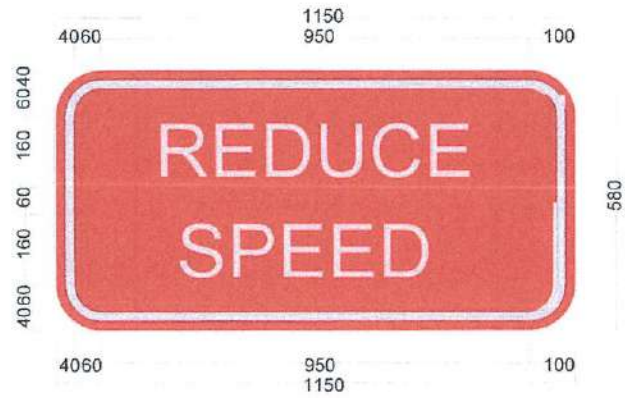
NOTE:

ALL POSTS SHALL BE THOROUGHLY CLEANED, FREE FROM GREASE, SCALE AND RUSTS AND SHALL BE GIVEN ONE COAT OF RUST-INHIBITING PRIMING PAINT AND TWO COATS OF GRAY PAINT IN ACCORDANCE WITH ITEM 411, PAINT DPWH STANDARD SPEC. THE NUMBER OF HAZARD MARKERS PER CURVE MAY BE CHANGED IF DEEMED NECESSARY. SPECIAL CARE SHOULD BE EXERCISED IN THE PLACEMENT OF SAID SIGNS TO ENSURE THEY ARE PROMINENTLY DISPLAYED TO APPROACHING DRIVERS. INSTALLATION OF CHEVRON SHALL CONFORM WITH DEPARTMENT ORDER NO 10, SERIES OF 2011, DPWH STANDARD SPECIFICATION FOR CHEVRON SIGN.

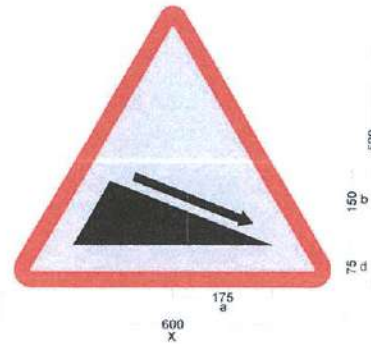
GRAVEL SURFACE COURSE 600 min



<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE VIII BARCEL PALO LEYTE</p>	<p>PROJECT NAME AND LOCATION SIGNAGE - ACCESS ROADS AND/OR BRIDGES FROM THE NATIONAL ROADS LEADING TO MAJOR STRATEGIC PUBLIC BUILDINGS/FACILITIES - CONSTRUCTION OF ROAD, SEGMENT 1 - PHASE 1, BARANGAY PAGLAUM TO BARANGAY TABANGOHAY, TAGLOAN CITY</p>	<p>SHEET CONTENTS DETAIL OF CHEVRON SIGNS AND SCHEDULE OF CHEVRON SIGN</p>	<p>PREPARED FRANCIS REYNOLDO NADERA TAGLOAN CITY</p>	<p>REVIEWED FELIX REYES CHIEF ENGINEER, DESIGN DIVISION</p>	<p>DESIGNED AGNES M. BARONCA CHIEF PLANNING AND DESIGN DIVISION</p>	<p>RECOMMENDED MA. MARGARITA C. MUNA, D.M. ASSISTANT REGIONAL DIRECTOR</p>	<p>APPROVED EDGAR B. TABACON, CESO IV REGIONAL DIRECTOR</p>	<p>SET NO. A</p>	<p>SHEET NO. 24</p>
	<p>TAGLOAN CITY ID</p>	<p>DATE</p>	<p>DATE</p>	<p>DATE</p>	<p>DATE</p>	<p>DATE</p>	<p>DATE</p>	<p>33</p>	<p>175</p>



S2 - 1 - REDUCE SPEED
SCALE: NTS



W5 - 4B - STEEP DESCENT
SCALE: NTS

X	600	750
Y	520	650
a	175	219
b	150	188
c	-	-
d	75	94
z	50	62



W5 - 5B - STEEP CLIMB
SCALE: NTS

X	600	750
Y	520	650
a	175	219
b	150	188
c	-	-
d	75	94
z	50	62



W1-5A - WINDING ROAD
SCALE: NTS

X	600	750
Y	520	650
a	50	62
b	350	437
c	153	190
d	50	62
z	50	62



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE VIII
BARAS PALO, LEYTE

PROJECT NAME AND LOCATION
SIPAG - ACCESS ROADS AND/OR BRIDGES FROM THE NATIONAL ROADS LEADING TO MAJOR STRATEGIC PUBLIC BUILDINGS/FACILITIES - CONSTRUCTION OF ROAD, SEGMENT 1 - PHASE 1, BARANGAY PAGLAUM TO BARANGAY TABANGHAY, TAGLOBAN CITY
TAGLOBAN CITY LD

SHEET CONTENTS
**DETAIL OF REGULATORY SIGNS
DETAIL OF WARNING SIGNS**

PREPARED
FRANCIS ALVIN C. NADERA
DESIGNER
DATE

REVIEWED
FELIX RIZOS
CHIEF HIGHWAY DESIGN SECTION
DATE

EXAMINED
MARIS A. BARONIA
PLANNING AND DESIGN DIVISION
DATE

RECOMMENDED
MA. MARGARITA C. JUNIA
ASSISTANT REGIONAL DIRECTOR
DATE

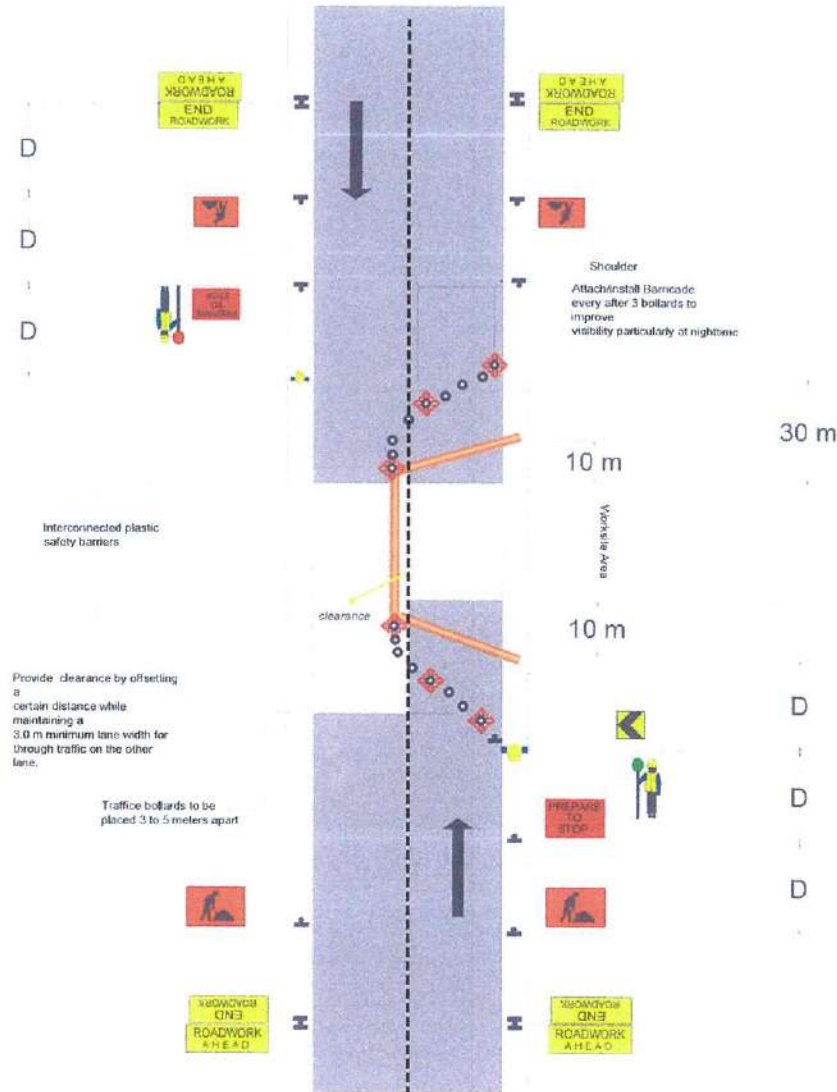
APPROVED
EDUAR B. TABACON, CESO IV
REGIONAL DIRECTOR
DATE

SET NO. **A**
SHEET NO. **28**
33 **175**

DRAWN NOT TO SCALE

DIMENSION "D"







A DISTANCE EXPRESSED IN METERS EQUAL TO THE APPROACH SPEED OF TRAFFIC IN KILOMETERS PER HOUR



TRAFFIC MANAGEMENT PLAN

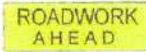
SCALE

NOTE

	PROJECT NAME AND LOCATION CONSTRUCTION IMPROVEMENT OF ACCESS ROADS LEADING TO SEAPORTS KALSADA TUNGGI SA PALUPARAN, RELES AT DAUNGAN PROGRAM - KATUPARAN) - ACCESS ROAD LEADING TO HILONGOS PORT, HILONGOS, LEYTE LEYTE 5TH L.D	SHEET CONTENTS TRAFFIC MANAGEMENT	PREPARED  JOEL PAUL C. AVROQUE ENGINEER	REVIEWED  FELIX BACUS CHIEF, HIGHWAY DESIGN SECTION	NAME  AGNES M. BARONDA SHEET PLANNER AND DESIGN DIVISION	RECOMMENDED  MA. MARGARITA C. JUSAC, D.M. ASSISTANT REGIONAL DIRECTOR	APPROVED  ROGAR B. TABACON, DESO IV REGIONAL DIRECTOR	SHEET NO. A 28 / 33	SHEET NO. 206
			DATE	DATE	DATE	DATE	DATE		

**ROAD WORK SITE
TEMPORARY SIGNAGE**

ADVANCE WARNING SIGNS



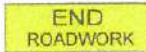
ROADWORK AHEAD
(T1-1, T1-31)

Sign No.	Size (mm) (Width x Height)	Letters/Symbols	Background
T1-1	1800 x 600	Line 1- Black 200 DM Line 2- Black 160 DM	Yellow ReflectORIZED



WORKMEN AHEAD (Symbolic)
(T1-5)

T1-5	900 x 600	Black	Red / Orange -Fluorescent for day use (Short Term) -ReflectORIZED for night use (Long Term)
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END ROADWORK
(T2-16, T2-17)

T2-16	1800 x 600	Line 1- Black 200 DM Line 2- Black 160 DM	Yellow ReflectORIZED
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REGULATORY SIGNS



PREPARE TO STOP
(T1-18)

T1-18	900 x 600	Line 1- White 120 DM Line 2- White 120 DM Line 3- White 120 EM ReflectORIZED	Red ReflectORIZED
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TEMPORARY HAZARD MARKERS



TEMPORARY HAZARD MARKER
(T5-5)

T5-5	600x600 Type B-3	Black 194 wide at 45°	Yellow ReflectORIZED
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SIGNAGE DESCRIPTION

NOTE :

- Height of Bollards and Guide Signs is 1.05 m from ground.
- Height of Advance Warning Sign post is 1.50 m Rural & 2.20 m Urban from the ground.

1" ReflectORIZED white sticker.

2" Ø PVC Orange



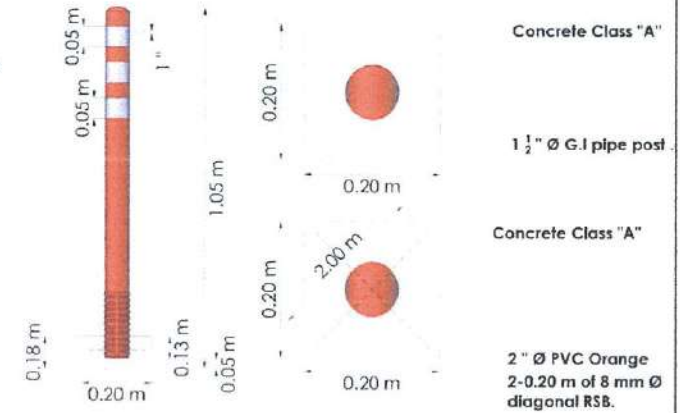
TRAFFIC BOLLARD WITH BARRICADE FLASHER LIGHT



TRAFFIC BOLLARD

Concrete Class "A"

2-0.20 m of 8 mm Ø diagonal RSB.



TRAFFIC BOLLARD

SPACING

ON TAPERS

5 - 10 M

CONDITION

WHEN USED AROUND SMALL WORK SITES

(MAY BE REDUCED TO 3m TO GUIDE PEDESTRIANS OR TO PREVENT TRAFFIC TAKING A WRONG TURN THROUGH A GAP IN THE LINE OF BOLLARDS)

WHEN USED AS LONGITUDINAL SEPARATION BETWEEN OPPOSING TRAFFIC FLOWS

10 - 20 M

WHEN USED AS LONGITUDINAL SEPARATION OF TRAFFIC FROM THE WORKSITE OR A CLOSED LANE

(MAY BE INCREASED TO 50m WHERE THE LENGTH OF BOLLARDS EXCEEDS 1 KM)

NOTES :

- BOLLARDS SHALL BE FLUORESCENT RED OR ORANGE PLASTIC THAT IS RESILIENT TO IMPACT AND WILL NOT DAMAGE VEHICLES WHEN HIT AT LOW SPEED.
- HEIGHT: UP TO 1 M.
- AT NIGHT TIME OPERATION THE BOLLARDS MUST BE FITTED WITH REFLECTIVE TAPE WITH A MINIMUM BANDWIDTH OF 250mm.

PLASTIC SAFETY BARRIER

SCALE: NTS



DESIGN CRITERIA

- GENERAL SPECIFICATIONS FOR ROADS AND BRIDGES, 2013/ LATEST DPWH MANUALS/SPECIFICATIONS 2013
- AASHTO A POLICY ON GEOMETRIC DESIGN STANDARDS OF HIGHWAYS AND STREETS, 2011, 6TH EDITION
- AASHTO GUIDE FOR DESIGN OF PAVEMENT STRUCTURES, 4TH EDITION, 1993
- EXECUTIVE ORDER NO. 113, ESTABLISHING THE CLASSIFICATION OF ROADS
- P.D. 187 AS AMENDED BY P.D. 746 AND BATAS PAMBANSA B.L.G. 8 AN ACT DEFINING THE METRIC SYSTEM AND ITS UNITS, PROVIDING FOR ITS IMPLEMENTATION AND FOR OTHER PURPOSES, AND DPWH MEMORANDUM CIRCULAR NO. 6, DATED JANUARY 6, 1993, RE METRIC SYSTEM (SI) TABLES
- DPWH ROAD SIGNS AND PAVEMENT MARKINGS, 2012 EDITION
- DPWH ROAD SAFETY MANUAL 2012
- DPWH STANDARDS SPECIFICATIONS FOR HIGHWAYS, BRIDGES AND AIRPORTS, REVISED 2013 EDITION
- DPWH DESIGN GUIDELINES, CRITERIA AND STANDARDS (DGCS), VOLUME 4, 2015 EDITION

DESIGN SPECIFICATIONS:

ALL DESIGN SHALL CONFORM TO THE DPWH STANDARD SPECIFICATIONS FOR HIGHWAYS, BRIDGES AND AIRPORTS, 2013 EDITION VOLUME II, THE ASSOCIATION OF STATE HIGHWAYS AND TRANSPORTATION OFFICIALS (AASHTO) STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGES, 17TH EDITION, 2002 AND DPWH DESIGN GUIDELINES, CRITERIA AND STANDARDS, 2015

CONSTRUCTION SPECIFICATIONS:

ALL CONSTRUCTION SHALL CONFORM TO THE SPECIAL PROVISIONS, THE DPWH STANDARD SPECIFICATIONS FOR HIGHWAYS, BRIDGES AND AIRPORTS, 2013 EDITION VOLUME II, AS MODIFIED IN THE SPECIAL PROVISIONS & SUPPLEMENTAL SPECIFICATIONS.

TRAFFIC MANAGEMENT

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEVELOPING AND MAINTAINING AN EFFECTIVE TRAFFIC CONTROL PLAN IN ACCORDANCE WITH THE SPECIAL PROVISIONS SUBJECT TO THE APPROVAL OF THE ENGINEER AND THE CORRESPONDING LOCAL AUTHORITIES.

NOTE:

- NO ONE SET TEMPORARY TRAFFIC CONTROL ZONE CAN SATISFY ALL CONDITIONS FOR GIVEN PROJECT OR INCIDENT. THE PRINCIPLES OF WORK SITE TRAFFIC MANAGEMENT PROVIDED SHOULD STILL BE APPLIED WITH CONSIDERATION GIVEN TO THE FOLLOWING:
- SIGN LOCATIONS AND SPACING MAY NEED ADJUSTMENT TO SUIT ROAD ALIGNMENT, VISIBILITY, TRAFFIC SPEEDS, ETC.
- LANE TAPERING USING CONES, BOLLARDS, OR TEMPORARY HAZARD MARKERS SHOULD BE GRADUAL AND REINFORCED WITH APPROPRIATE SIGNS.
- ALL LAYOUT SHOULD BE DRIVEN AT THE EXPECTED TRAFFIC SPEED AND ADJUSTMENTS MADE IF NECESSARY.
- ADJUSTMENT OF TRAFFIC MANAGEMENT PLAN SHALL BE MADE DURING PROJECT IMPLEMENTATION. ADDITIONAL ROADWORKS SIGNAGES SHALL BE IDENTIFIED BY THE PROJECT ENGINEER.

VARIES DEPENDING ON THE SIZE OF THE SIGN PANEL

STANDARD SIGN PANEL OF APPROPRIATE SHEETING FASTENED WITH BOLTS AND NUTS FOR EASE OF REPLACEMENT

SIGNAGE

ALL MATERIALS ARE 2" X 2" X 2.33 mm ANGULAR BAR

1,500

ALL MATERIALS ARE 2" X 2" X 2.33 mm ANGULAR BAR

VARIES DEPENDING ON THE SIZE OF THE SIGN PANEL

SIDE ELEV.

SCALE: NTS

FRONT ELEVATION

SCALE: NTS

TRAFFIC SIGNAGE INSTALLATION DETAIL

SCALE: NTS



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE No. VIII
BANKANG PALOY, LEYTE

PROJECT NAME AND LOCATION
CONSTRUCTION IMPROVEMENT OF ACCESS ROADS LEADING TO SEAPORTS (KALSADA TUNGOD SA PALUPARAN, RILES AT DALINGAN PROGRAM - KATUPARAN) - ACCESS ROAD LEADING TO HILONGOS PORT, HILONGOS, LEYTE
LEYTE 5TH L.D.

SHEET CONTENTS
TRAFFIC MANAGEMENT

DESIGNED BY
JOEL PAUL C. AVILA
ENGINEER

CHECKED BY
FELIX BRAGA
CHIEF ENGINEER

SUBMITTED BY
AGNES M. BARONDA
CHIEF PLANNER AND DESIGN DIVISION

RECOMMENDED BY
MA. MARGARITA JUNIA, O.M.
ASSISTANT REGIONAL DIRECTOR

APPROVED BY
EDGAR B. TABACON, CESO III
REGIONAL DIRECTOR

SHEET NO. 25
SHEET NO. 206

NOTE:

INSTALLATION OF BILLBOARD SHALL CONFORM WITH DEPARTMENT ORDER NO. 11, SERIES OF 2022, REVISED GUIDELINES ON THE INSTALLATION PROJECT BILLBOARDS.



THIS IS WHERE YOUR TAXES GO

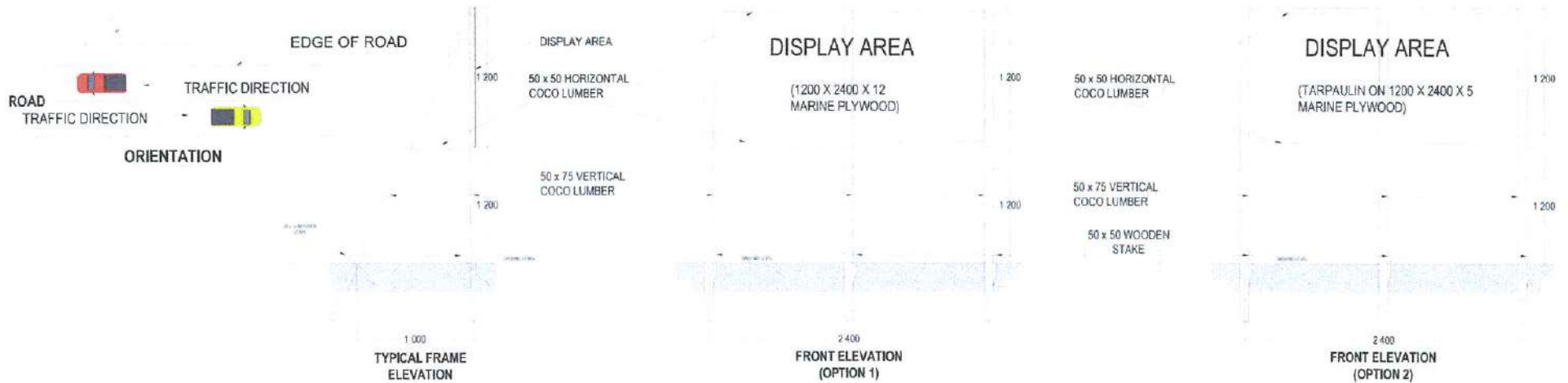
NAME OF PROJECT:
LOCATION:
NAME OF CONTRACTOR:
DATE STARTED:
CONTRACT COMPLETION DATE:
CONTRACT COST:
IMPLEMENTING OFFICE:
SOURCE OF FUND:

WHITE BACKGROUND

BLACK TEXT

Department of Public Works and Highways
 Text 2320 or Call (02) 165-02 for any concern on this project
 www.dpwh.gov.ph

BILLBOARD



BILLBOARD FRAME

(NOT TO SCALE, ALL DIMENSIONS ARE IN MILLIMETERS)

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE VII BANGSAL DRIVE</p>	<p>PROJECT NAME AND LOCATION SIPAG - ACCESS ROADS AND/OR BRIDGES FROM THE NATIONAL ROADS LEADING TO MAJOR STRATEGIC PUBLIC BUILDINGS FACILITIES - CONSTRUCTION OF ROAD, SEGMENT 1 - PHASE 1, BARANGAY PAGLAUM TO BARANGAY TABANGOHAY, TACLOBAN CITY TACLOBAN CITY, LD</p>	<p>SHEET CONTENTS: DPWH PROJECT BILLBOARD DESIGN BOARD</p>	<p>PREPARED FRANCIS ALVIN L. NADERA ENGINEER DATE</p>	<p>REVIEWED FELIX R. BACUS CHIEF, HIGHWAY DESIGN SECTION DATE</p>	<p>DESIGNED AGNES B. BARONDA ASST. PLANNING AND DESIGN DIVISION DATE</p>	<p>RECOMMENDED MA. MARGARITA C. JUNIA, DMM ASSISTANT REGIONAL DIRECTOR DATE</p>	<p>APPROVED EDUAR B. TABACON, CESO IV REGIONAL DIRECTOR DATE</p>	<p>SHEET NO. A</p>	<p>TOTAL SHEET NO. 30</p>
	<p>30</p>	<p>33</p>	<p>175</p>						

Government Center Candahug, Palo, Leyte

Project : _____ Cost : _____
 Location : _____ Fund Source/s : _____

Implementing Agency/es : _____
 Development Partner/s : _____
 Contractor/Supplier : _____
 Brief Description of Project : _____

Project Details		Project Status		Project Status		Project Status	
Duration	Started	Target Date of Completion	Percentage of Completion	As of (Date)	Cost Incurred to Date	Date Completed	Remarks

For particulars or complaints about this project, please contact the Regional Office or Cluster which has audit jurisdiction on this project:

COA Regional Office No./Cluster : _____
 Address : _____
 Contact No. : _____ or Text COA Citizen's Desk at 0915-5391957

Commission on Audit
 Regional Office/Cluster
 Consolidated Quarterly Report on Government Projects/Programs/Activities
 For the _____ Quarter, CY _____

Agency/Address	Project/Program/Activity Name	Location	Total Cost	Date Started	No. of Extensions	Target Completion Date	% of Completion	Total Cost Incurred to Date	Remarks

Submitted by : _____
 Regional/Cluster Director

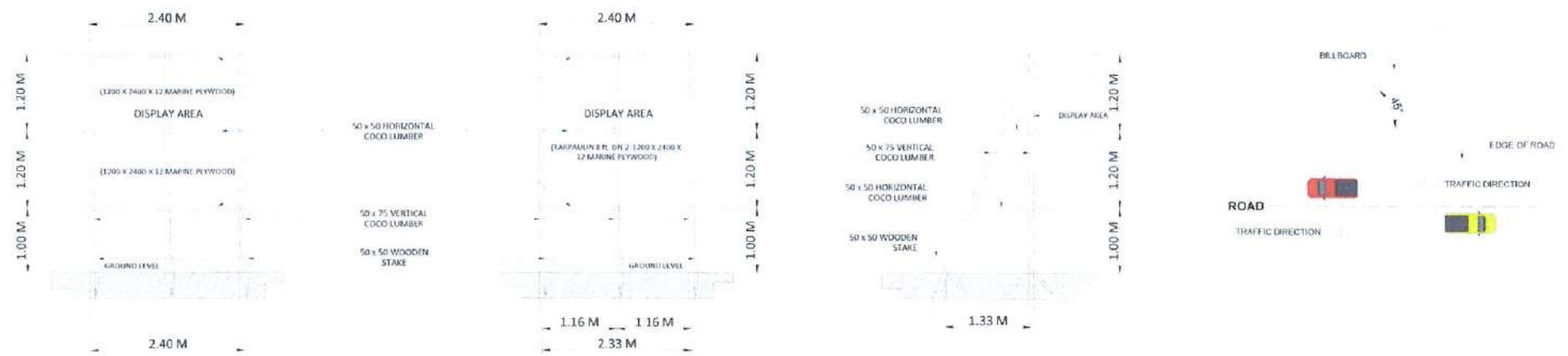
SPECIFICATIONS :

Tarpaulin, white, 8 ft x 8 ft
 Resolution : 70 dpi
 Font : Helvetica
 Font size : Main Information - 3"
 Sub-Information - 1"
 Font Color : Black

NOTE:

INSTALLATION OF COA BILLBOARD SHALL CONFORM WITH COMMISSION ON AUDIT CIRCULAR NO. 2013-004, DATED JANUARY 30, 2013, SUBJECT: "INFORMATION AND PUBLICITY ON PROGRAM/PROJECTS/ACTIVITIES OF GOVERNMENT AGENCIES"

COA STANDARD PROJECT BILLBOARD
 SCALE NTS



FRONT ELEVATION (OPTION 1)

BILLBOARD FRAME
 (NOT TO SCALE. ALL DIMENSIONS ARE IN MILLIMETERS)

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE VIII BARRIO, PALO, LEYTE</p>	<p>PROJECT NAME AND LOCATION SIPAG - ACCESS ROADS AND/OR BRIDGES FROM THE NATIONAL ROADS LEADING TO MAJOR STRATEGIC PUBLIC BUILDINGS/FACILITIES - CONSTRUCTION OF ROAD, SEGMENT 1 - PHASE 1, BARANGAY PAGLAUM TO BARANGAY TABANGOHAY, TAGLOBAN CITY TAGLOBAN CITY, LD</p>	<p>SHEET CONTENTS COA PROJECT BILLBOARD/SIGNBOARD</p>	<p>PREPARED FRANCIS ALVIN C. NADERA ENGINEER</p>	<p>REVIEWED FELIX R. BACUS CHIEF HIGHWAY DESIGN DIVISION</p>	<p>SUBMITTED AGNES M. BORONDA CHIEF PLANNING AND DESIGN DIVISION</p>	<p>RECOMMENDED </p>	<p>APPROVED EDGAR B. TABACON, CESO IV REGIONAL DIRECTOR</p>	<p>SHEET NO. A 11 33</p>	<p>SHEET NO. 31 175</p>
			DATE	DATE	DATE	DATE	DATE		

2 440 mm (8 ft)

2 440 mm (8 ft)



NOTICE TO THE PUBLIC



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE VIII
Baras, Palo, Leyte



1 220 mm (4 ft)

This is to inform that (name of proponent) has been issued with **Environmental Compliance Certificate No. ECC-OL-R08-_____** by the **DENR-Environmental Management Bureau R8** for the (name of project) Located at (project location). Issued on _____.

1 220 mm (4 ft)

PURPOSE: TREE CUTTING FOR THE PROJECT

NO. OF TREES TO BE CUT:

DENR - SPECIAL TREE CUTTING PERMIT No.:

DATE ISSUED:

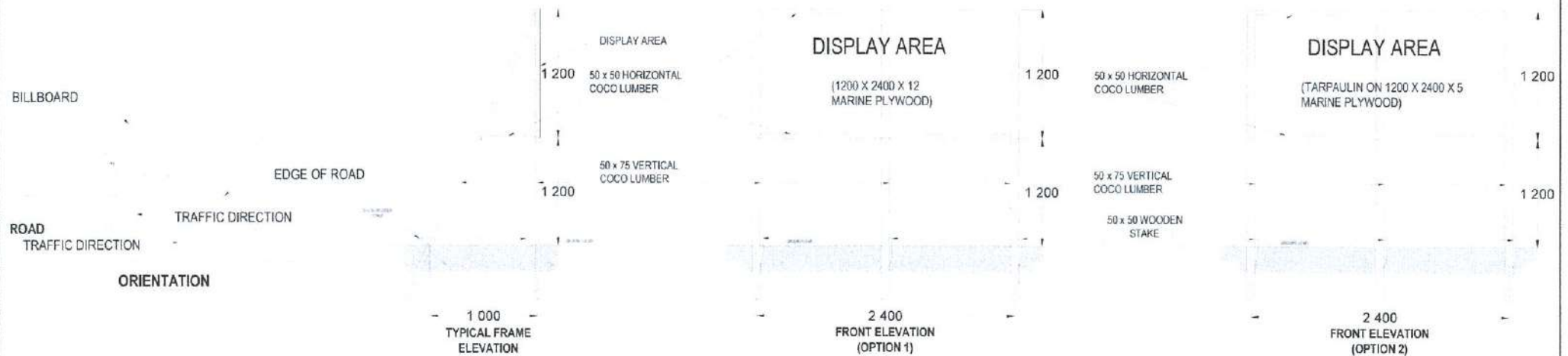
EXPIRY DATE:

ECC BILLBOARD

(NOT TO SCALE. ALL DIMENSIONS ARE IN MILLIMETERS)

TREE CUTTING SIGNBOARD

(NOT TO SCALE. ALL DIMENSIONS ARE IN MILLIMETERS)



BILLBOARD FRAME

(NOT TO SCALE. ALL DIMENSIONS ARE IN MILLIMETERS)



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE VIII
BARAS, PALO, LEYTE

PROJECT NAME AND LOCATION
SIPAG - ACCESS ROADS AND/OR BRIDGES FROM THE NATIONAL ROADS LEADING TO MAJOR STRATEGIC PUBLIC BUILDINGS/FACILITIES - CONSTRUCTION OF ROAD, SEGMENT 1 - PHASE 1, BARANGAY PAOLAUM TO BARANGAY TABANGOHAY, TAGLOBAN CITY
TAGLOBAN CITY, LD

SHEET CONTENTS
ECC AND TREE CUTTING BILLBOARD/SIGNBOARD

PREPARED BY
FRANCIS ALVIN C. NADERA
ENGINEER
DATE

REVIEWED BY
FELIX E. BAÑOS
CHIEF HIGHWAY DESIGN DIVISION
DATE

DESIGNED BY
AGNES M. BARONDA
CHIEF PLANNING AND DESIGN DIVISION
DATE

HELD BY
MA. MARGARITA S. JUNIA, DSR
ASST. PLAN. HIGHWAY DESIGN DIVISION
DATE

APPROVED BY
EDGAR B. TABACON, CESO IV
REGIONAL DIRECTOR
DATE

SET NO. 33
SHEET NO. 32 OF 175