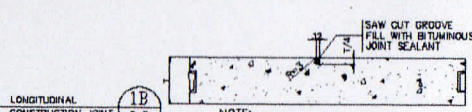


1A PLAN  
C-7 SCALE

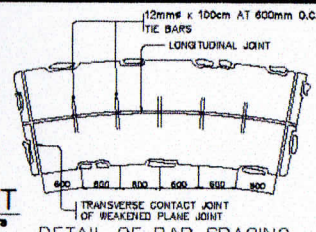


NOTE:  
TRANSVERSE CONTRACTION JOINTS SHALL BE PROVIDED AT EVERY 4000mm MAXIMUM INTERVALS.

TRANSVERSE CONTRACTION JOINT

NOTES:

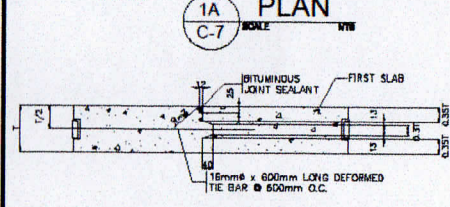
1. PREFORMED EXPANSION JOINT FILLER WITH BITUMINOUS JOINT SEALANT ARE REQUIRED WHERE EXISTING & NEW CONC. PAVEMENT MEET AND WHERE NEW CONC. PAVEMENT ADJUTS A RIGID STRUCTURE AND AT UNSYMMETRICAL INTERSECTIONS.
2. EXPANSION JOINTS ARE REQUIRED @ EVERY 30.00M OF PAVEMENT.



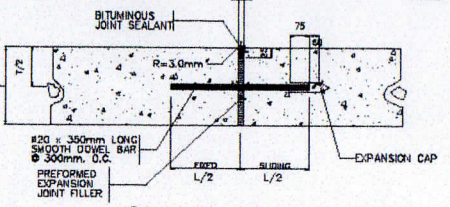
DETAIL OF BAR SPACING ALONG CURVES

GENERAL NOTES:

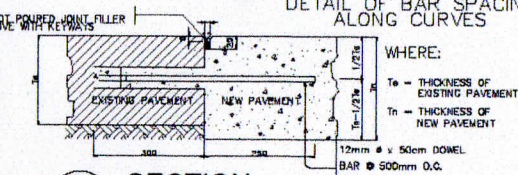
1. MATERIALS AND WORKMANSHIP SHALL CONFORM WITH THE "DPWH STANDARD SPECIFICATIONS FOR HIGHWAYS, BRIDGES AND AIRPORTS/RAJCS".
2. CONSTRUCTION (CONTACT) JOINTS ARE FORMED WHEN CONCRETE ON ONE SIDE OF THE JOINT IS POURED AHEAD AND ALLOWED TO SET BEFORE POURING ON THE OTHER SIDE.
3. AT CONSTRUCTION JOINTS (LONGITUDINAL OR TRANSVERSE) CARE SHOULD BE TAKEN THAT NO CONCRETE FROM THE LAST SLAB PLACED OVERHANGS ANY PORTION OF THE FIRST SLAB.
4. THE BARS SHOULD BE DEFORMED STEEL BARS. ALL DONNEL BARS SHALL BE SMOOTH ROUND STEEL FREE FROM RUST AND OTHER DEFECTS WHICH MIGHT RESTRICT THEIR MOVEMENT.
5. TYPE OF WEAKENED PLANE JOINT TO BE USED SHALL BE AS SPECIFIED IN THE PLANS AND ONLY ONE TYPE SHALL BE USED FOR THE WHOLE PROJECT.
6. MATERIAL FOR THE METAL SIDE FORM SHALL BE BRAND NEW SHEET METAL GAUGE NO.10 OF IRON FREE FROM RUST AND LAKS.
7. AT LEAST SIX (6) SUCCESSIVE DWELLED BUTT JOINTS AT NORMAL JOINT SPACING SHALL BE PROVIDED BEFORE OR AFTER AN EXPANSION JOINT.
8. THE GROOVE OR CRACK ABOVE JOINTS (LONGITUDINAL OR TRANSVERSE) SHALL BE SEALED WITH 30-50 PENETRATION ASPHALT SEAL OR COLD APPLIED LIQUID RUBBER COMPOUND AFTER THE CONCRETE HAD BEEN CURED AND BEFORE OPENING PAVEMENT TO TRAFFIC. PENETRATION ASPHALT SEAL ON CONCRETE PAVEMENT JOINTS SHALL BE POURED IN SUCH MANNER THAT SPILLING SHALL BE PREVENTED. THIS PROVIDE A SMOOTH RIDING TRAVELLING SURFACE.
9. ALL TRANSVERSE JOINTS, EXCEPT CONSTRUCTION JOINT, SHALL BE CONTINUOUS FROM EDGE TO EDGE.
10. ALL LONGITUDINAL JOINTS SHALL MEET AT INTERSECTIONS WITH NO GAPS OR OFFSET.
11. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.



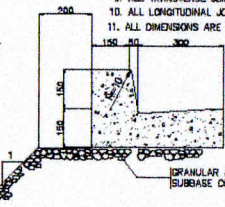
1B LONGITUDINAL CONSTRUCTION JOINT  
C-7 SCALE



1E EXPANSION JOINT  
C-7 SCALE



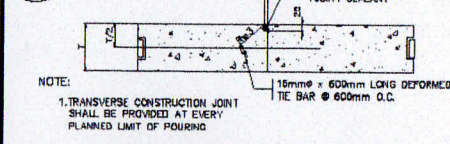
1G SECTION  
C-7 SCALE



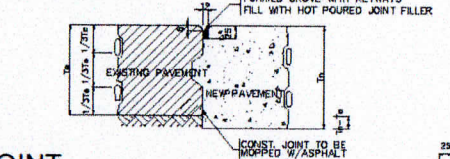
3 CONCRETE CURB DETAIL  
C-7 SCALE

NOTES:

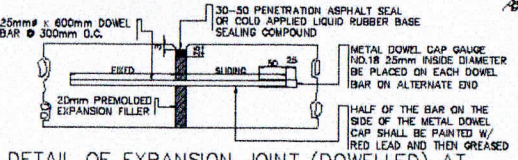
1. PROVIDE CONTRACTION JOINTS @ 3.00m MAXIMUM INTERVAL EXCEPT WHERE EXPANSION JOINTS OCCUR. JOINT INTERVALS SHALL NOT BE LESS THAN 1.20m.
  2. PROVIDE EXPANSION JOINTS AT ALL CURB RETURNS AND AT 1.50m MAXIMUM INTERVAL BETWEEN RETURNS.
  3. PROVIDE EXPANSION WHERE CONCRETE CURB ABUTS ANOTHER RIGID STRUCTURE.
- STRENGTH OF CONCRETE SHALL BE 20.6 MPa (3,000 Psi) @ 28 DAYS.



1C TRANSVERSE CONSTRUCTION JOINT  
C-7 SCALE

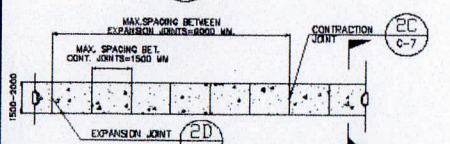


1F SECTION  
C-7 SCALE

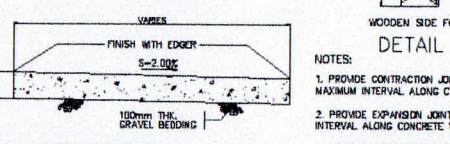


DETAIL OF EXPANSION JOINT (DOWELLED) AT CERTAIN INTERSECTIONS & STRUCTURES

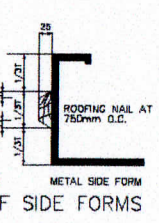
1 CONCRETE PAVEMENT JOINT DETAILS



2A PLAN  
C-7 SCALE



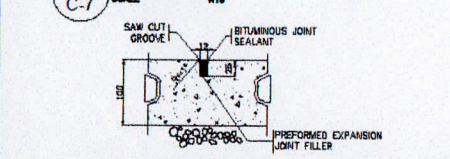
2B SECTION  
C-7 SCALE



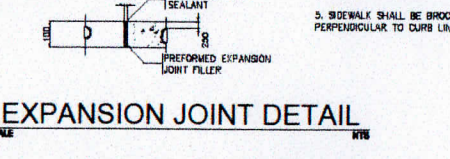
DETAIL OF SIDE FORMS

NOTES:

1. PROVIDE CONTRACTION JOINTS AT 1500 MM MAXIMUM INTERVAL ALONG CONCRETE WALK.
2. PROVIDE EXPANSION JOINTS AT 8000 MM MAXIMUM INTERVAL ALONG CONCRETE WALK.
3. PROVIDE EXPANSION JOINTS WHERE CONCRETE WALK ABUTS ANOTHER RIGID STRUCTURE.
4. STRENGTH OF CONCRETE SHALL BE 17 MPa (2500psi) AT 28 DAYS.
5. SIDEWALK SHALL BE BROOM FINISHED PERPENDICULAR TO CURB LINE.

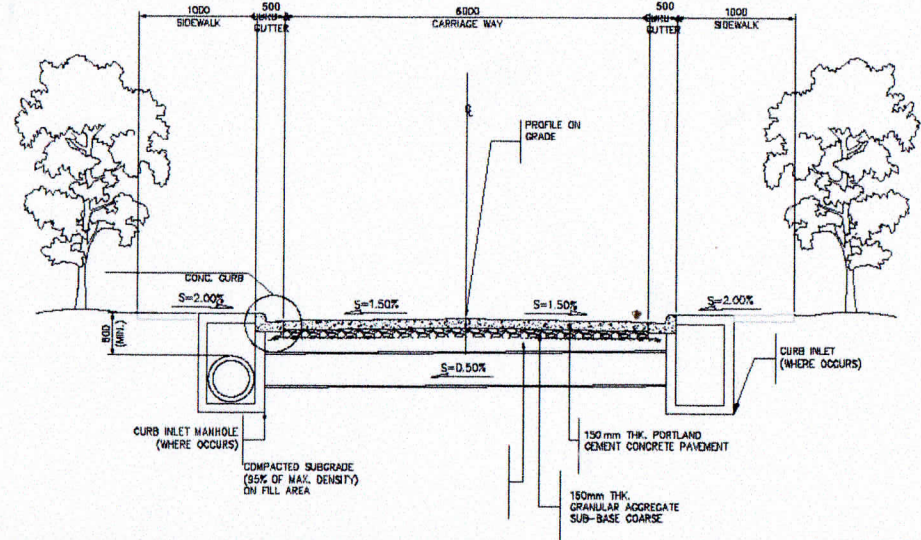


2C CONSTRUCTION JOINT DETAIL  
C-7 SCALE



2D EXPANSION JOINT DETAIL  
C-7 SCALE

2 CONCRETE SIDEWALK DETAILS



4 TYP. ROAD SECTION (6.00M R.R.O.W.)  
C-7 SCALE

FOR CONSTRUCTION

MELISA R. RAMIREZ  
AUTHORIZED MANAGER OFFICER



ENGINEER:  
RUEL B. RAMIREZ, MSCE, M ASEP  
STRUCTURAL ENGINEERING SPECIALIST NO. 99

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PROJECT TITLE:  
CONSTRUCTION OF ROAD NETWORK

LOCATION: MIMAROPA REGION CAMPUS ODIONGAN, ROMBLON



REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF SCIENCE AND TECHNOLOGY  
PHILIPPINE SCIENCE HIGH SCHOOL  
MIMAROPA REGION CAMPUS  
BRGY. RIZAL, ODIONGAN, ROMBLON

APPROVED:  
EDWARD C. ALBARACIN  
CAMPUS DIRECTOR

DESIGNED BY: CMP 08/01/17  
ENCODED BY: CMP 08/01/17  
CHECKED BY:  
APPROVED BY:  
DATE ISSUED:  
SCALE: AS SHOWN  
PROJECT NO: RBR SD122916-RBRA-PSM-D-004

SHEET CONTENTS  
AS SHOWN

SHEET NO.  
C

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