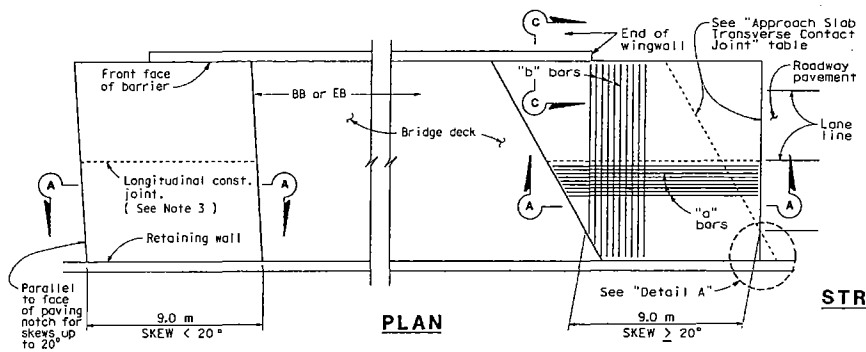
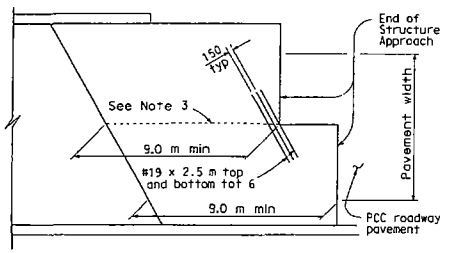
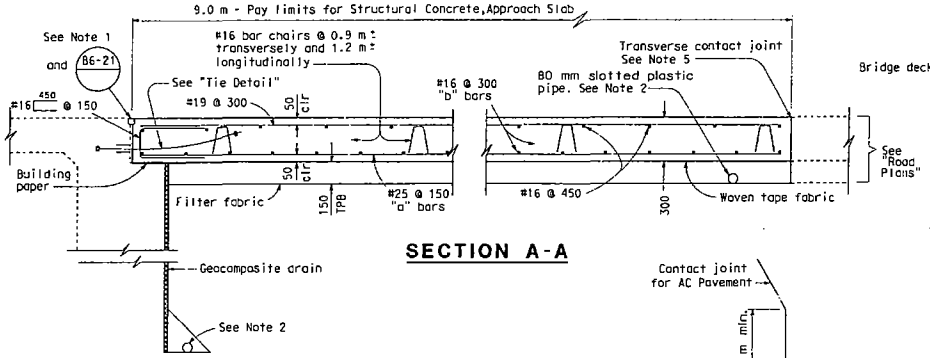


PLAN

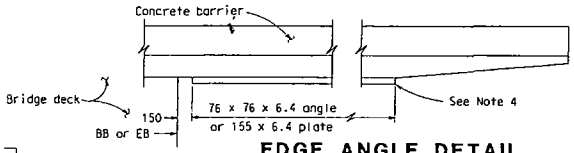


STRUCTURE APPROACH - END STAGGER DETAIL

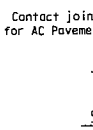
APPROACH SLAB TRANSVERSE CONTACT JOINT		
APPROACH SKEW	WITH AC ROADWAY PAVEMENT	WITH PCC ROADWAY PAVEMENT
< 20°	Parallel to face of paving notch	Parallel to face of paving notch
20° - 45°	Parallel to face of P N use (Detail A)	Stagger lines 7.2 m to 10.8 m apart
> 45°	Parallel to face of P N use (Detail A)	Stagger at each lane line



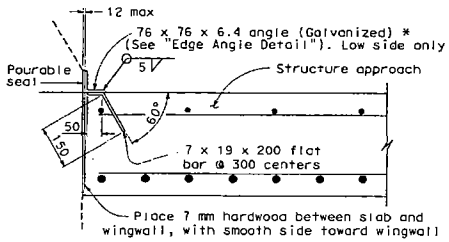
SECTION A-A



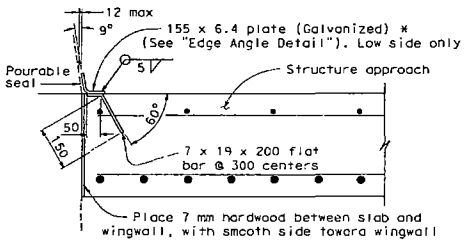
EDGE ANGLE DETAIL



DETAIL A

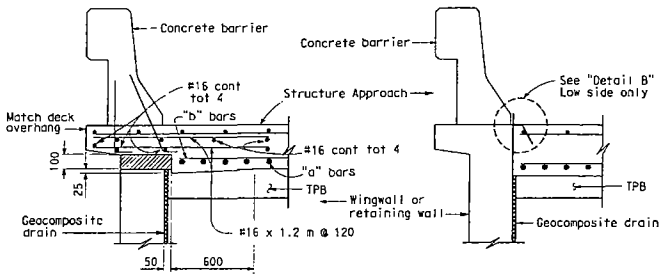


*(TO BE USED WITH TYPE 25 OR TYPE 27 CONCRETE BARRIER)



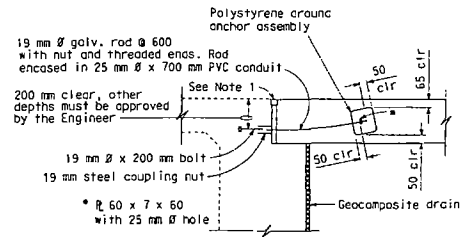
*(TO BE USED WITH TYPE 732 OR TYPE 736 CONCRETE BARRIER)

DETAIL B

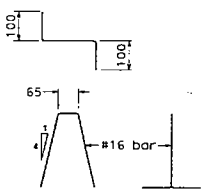


SECTION C-C

{ Type E-1 to be used, unless otherwise shown on plans }



TIE DETAIL



BAR CHAIR DETAIL

NO SCALE

NOTES:

1. For details not noted or shown, see Structure Plans.
2. For drainage details, see "Structure Approach Drainage Details" sheet.
3. Longitudinal construction joints, when permitted by the Engineer, shall be located on lane lines.
4. End angle or plate at beginning of barrier transition, end of wingwall or end of structure approach, as applicable.
5. For transverse contact joint with new PCC paving, refer to Standard Plan P10.
6. At the contractor's option, approach slab transverse reinforcement may be placed parallel to paving notch. Spacing of transverse reinforcement is measured along ℄ roadway.

▨ Polystyrene to be removed.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED ENGINEER - CIVIL

PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

STANDARD DRAWING				
RELEASE DATE 3/14/05	DESIGN BY M. TRAFFALIS	CHECKED E. THORKILDSEN	RELEASED BY	
FILE NO. xs3-180	DETAIL BY R. YEE	CHECKED E. THORKILDSEN		
	SUBMITTED BY M. MA	DRAWING DATE 4/98	OFFICE CHIEF	

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES

BRIDGE NO. —
KILOMETER POST

STRUCTURE APPROACH TYPE N(9D)

CU
EA

DISREGARD PRINTS BEARING EARLIER REVISION DATES

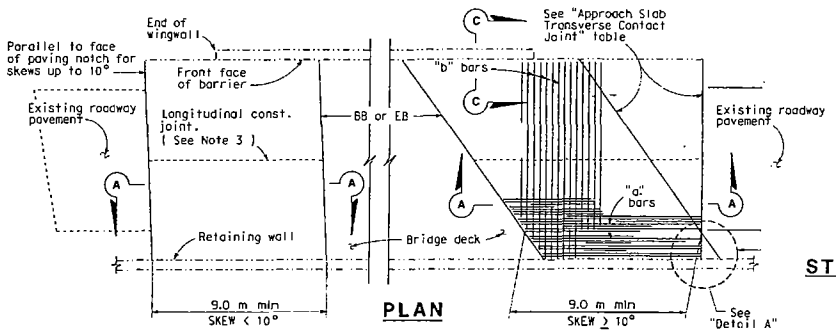
REVISION DATES (PRELIMINARY STATE ONLY)

SHEET

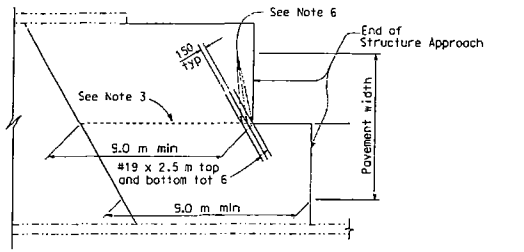
USERNAME => jsanchez

xs3-180.dgn

DATE PLOTTED => 01-APR-2005 TIME PLOTTED => 13:38



PLAN



STRUCTURE APPROACH - END STAGGER DETAIL

Caltrans Metric

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

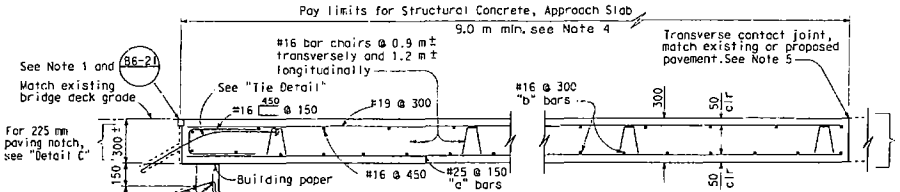
REGISTERED ENGINEER - CIVIL

PLANS APPROVAL DATE

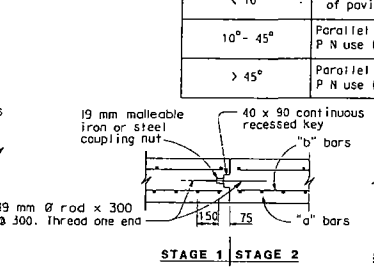
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

REGISTERED PROFESSIONAL ENGINEER — No. — Exp. — CIVIL — STATE OF CALIFORNIA

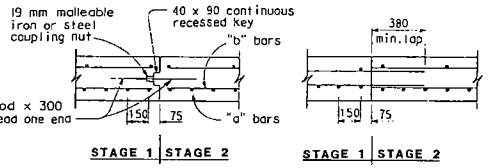
APPROACH SLAB TRANSVERSE CONTACT JOINT		
APPROACH SKEW	WITH AC ROADWAY PAVEMENT	WITH PCC ROADWAY PAVEMENT
< 10°	Parallel to face of paving notch	Parallel to face of paving notch
10° - 45°	Parallel to face of P N use (Detail A)	Stagger lines 7.2 m to 10.8 m apart
> 45°	Parallel to face of P N use (Detail A)	Stagger at each lane line

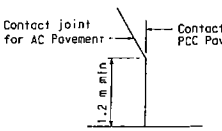


SECTION A-A

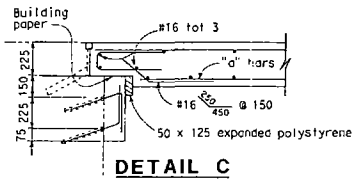


SECTION C-C



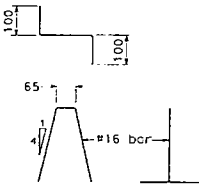


DETAIL A

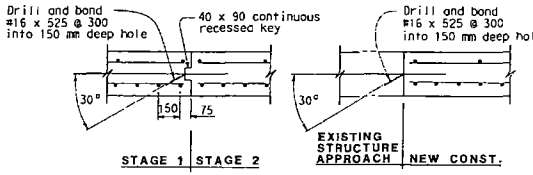


DETAIL C

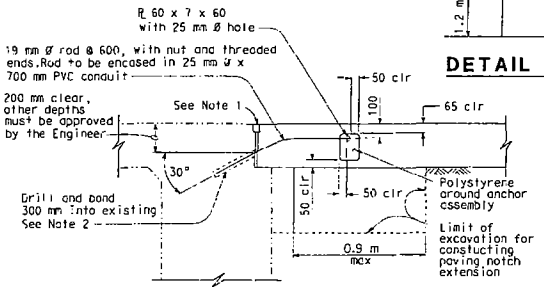
NOTE: For details not shown, see "Section A-A".



BAR CHAIR DETAIL

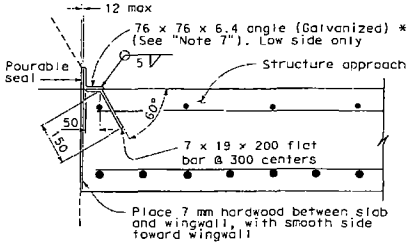


LONGITUDINAL CONSTRUCTION JOINT ALTERNATIVES

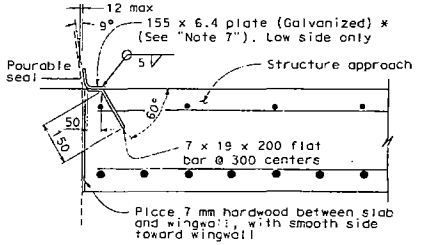


TIE DETAIL

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.



*(TO BE USED WITH TYPE 25 OR TYPE 27 CONCRETE BARRIER)



*(TO BE USED WITH TYPE 732 OR TYPE 736 CONCRETE BARRIER)

DETAIL B

NOTES:

1. For details not shown or noted, see Structure Plans. Adjust bar reinforcement to clear a sawcut for sealed joint, when required.
2. Space to avoid existing prestress anchorages and main reinforcement.
3. Longitudinal construction joints, when permitted by the Engineer, shall be located on lane lines.
4. Transverse contact joint shall be a minimum of 1.5 m from an existing or constructed weakened plane joint.
5. For transverse contact joint with new PCC paving, refer to Standard Plan P10.
6. Couplers are required for stage construction.
7. End angle or plate at beginning of barrier transition, end of wingwall or end of structure approach as applicable.

NO SCALE
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

STANDARD DRAWING

RELEASE DATE	3/14/05	DESIGN BY	M. TRAFFALIS	CHECKED	E. THORKILDSEN	REVISED BY
		DETAILS BY	P. YEE	CHECKED	E. THORKILDSEN	
FILE NO.	xs3-140	SUBMITTED BY	M. HA	DRAWING DATE	8/92	SPECIFICATIONS

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES

BRIDGE NO.
KILOMETER POST

STRUCTURE APPROACH TYPE R(9D)

CU
EA

DISREGARD PRINTS BEARING EARLIER REVISION DATES

USERNAME = jsanchez

DATE PLOTTED = 31-JAN-2005 11:53

xs3-140.329