## Pacific Highway upgrade Woolgoolga to Ballina – Refined concept design Interchange at Wardell N Ballina bypass upgrade project **LEGEND** (under construction) The concept design has been Woolgoolga to Ballina upgrade revised to include two roundabouts BALLINA to improve function and safety Interchange at Harwood and Yamba Road not part of the project TO BALLINA Interchange ramp/local access road The Harwood and Yamba Road interchanges have been combined, making each a half Location of interchange Existing interchange. This refined design makes allowances for the interchange to be staged and Pacific Coolgardie Corridor widened to separate main upgraded in future when warranted. alignment from service road Animal crossing – rope Major bridge Original design, January 2009 Revised design, October 2011 WOODBURN to BALLINA Animal crossing – overpass over Richmond River WARDELL Existing Pacific Highway TO BALLINA TO BALLINA Watts Lane passes over Other roads the highway, removing Town any height restriction Mational park for traffic on Watts Lane. State forest Interchange at Broadwater BROADWATER Nature reserve The concept design has been Conservation area revised to include two roundabouts Watts Lane Watts Lane to improve function and safety Various structures will be Interchange drawings provided to enable wildlife Class M to cross the highway TO BALLINA WOODBURN The Yamba Road Interchange ramp Height of new Local access road interchange connects to Other roads bridge to be Watts Lane via the existing determined. Harwood Bridge. Existing Pacific Highway Evans Head Interchange at Woodburn **EVANS HEAD** Broadwater Road River Street Clarence River The design of this interchange remains Existing -COFFS HARBOUR Existing. the same as displayed in July 2008 TO YAMBA Harwood Bridge Harwood Bridge Yamba Road Yamba Road The project allows ILUKA ROAD to WOODBURN Existing Pacific for on and off ramps TO MACLEAN TO BALLINA in both directions Highway at Yamba Road when future growth requires it. Devils Pulpit upgrade project Tuckobil Road (contract awarded July 2011) TO COFFS TO COFFS ▼ HARBOUR O COFFS HARBOUR ▲ HARBOUR Service road extended from Khans Road to south of Jacky Bulbin Road on Interchange at Iluka Road the eastern side of the highway The concept design has been revised Interchange at Maclean to include two roundabouts to improve function and safety The interchange at Maclean has been moved further east to incorporate the recently announced alternative alignment between Tyndale and Maclean. Original design, January 2009 Revised design, October 2011 BALLINA TO BALLINA 4 TO BALLINA ◀ Clarence River crossing Middle Street Inclusion of a Iluka Road roundabout to provide ILUKA safer traffic movements HARWOOD on local access road. Lewis Lane YAMBA TO COFFS HARBOUR MACLEAN Interchange at Harwood and Yamba Road - see revised design at right 10 km Interchange at Maclean see revised design at right Drawings not to scale. Refer to large scale plan drawings for detail. Interchange at Tyndale The concept design has been revised to reduce the size of the MACLEAN footprint and improve the exit speed TO MACLEAN WELLS CROSSING to ILUKA ROAD for Grafton bound traffic TYNDALE Goodwood Street Goodwood Street N Tyndale to Maclean: TO BALLINA > alternative alignment has been adopted Pacific Highway The local access road at Goodwood Street South Arm Road would now pass over the proposed highway. TO COFFS HARBOUR TUCABIA TO COFFS **HARBOUR** TO GRAFTON AND COFFS HARBOUR GRAFTON Various structures will be TO GRAFTON provided to enable wildlife to cross the highway SOUTH GRAFTON PILLAR VALLEY Interchange at Glenugie and Eight Mile Lane Interchange at Range Road The alignment has been moved east to reduce environmental impacts. Two roundabouts have been added and the alignment has been moved slightly east. The existing Pacific Highway would become a service road and cross under the proposed Original design, January 2009 Revised design, October 2011 highway alignment, providing access to Range Road. GLENUGIE TO 4 Original design, April 2008 Highway alignment moved BALLINA The highway and on BALLINA 50 metres east of Pillar Valley to and off ramps have been reduce the total length of bridges reconfigured to reduce Revised design, October 2011 Interchange at Glenugie the number of bridge and Eight Mile Lane structures TO ▲ BALLINA Range Road West - see revised design at right TO BALLINA Various structures will be provided to enable wildlife Glenugie upgrade to cross the highway TO WOOLI (under construction) WOOLGOOLGA to WELLS CROSSING Halfway Creek upgrade Ctisting Pacific Highway (completed) Eight Mile Lane crosses over the Glenugie State highway alignment. TO COFFS HARBOUR Forest Glenugie State Interchange at Range Road – see revised design at right Sherwood Creek Forest Road TO GRAFTON TO GRAFTON HARBOUR New bridge over highway alignment at CORINDI Etisting Pacific Highway Sherwood Creek Road TO COFFS HARBOUR TO COFFS HARBOUR Sapphire to Woolgoolga upgrade ▼ TO GRAFTON TO GRAFTON (under construction) WOOLGOOLGA RTA/Pub.11.425B