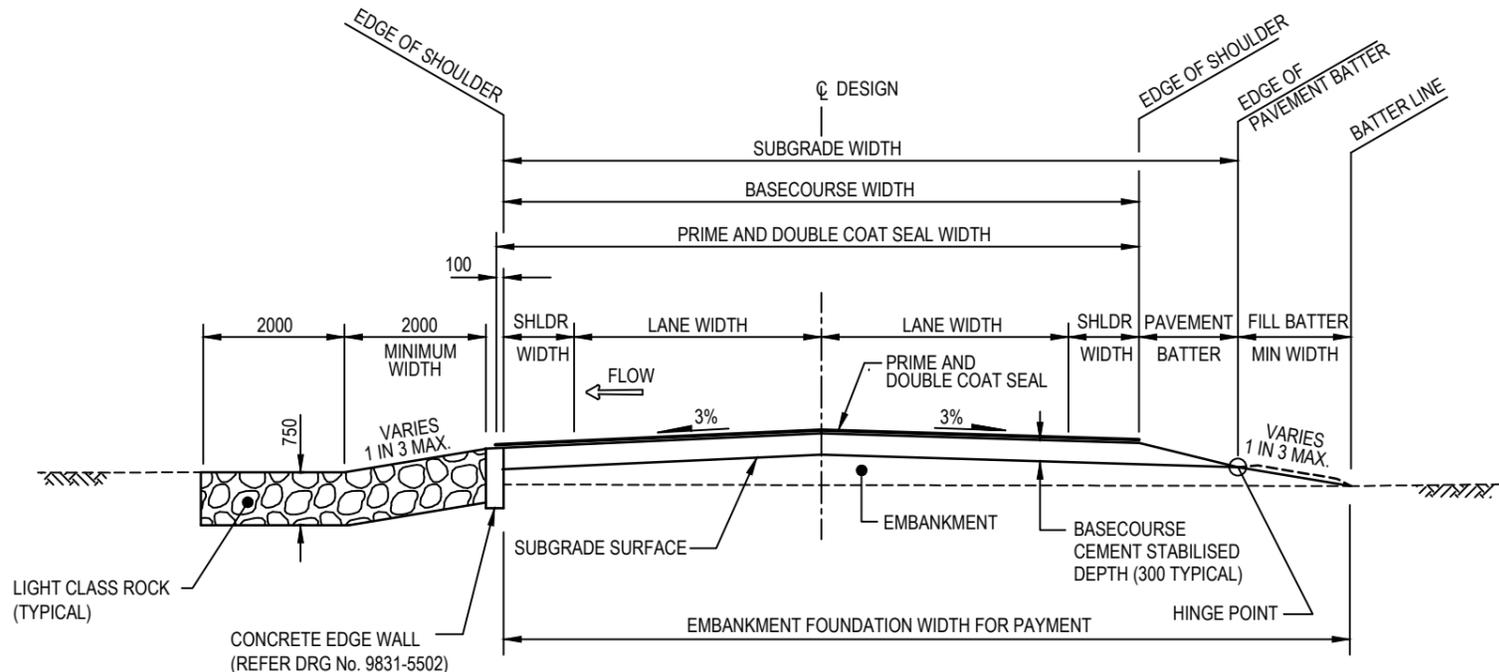


AMENDMENTS

No.	DESCRIPTION	APPROVED & DATE
3	NOTE 2 ADDED.	T. FREEMAN
4	TITLE BLOCK AND FILE No. UPDATED.	A. Wong 24/11/23

NOTES

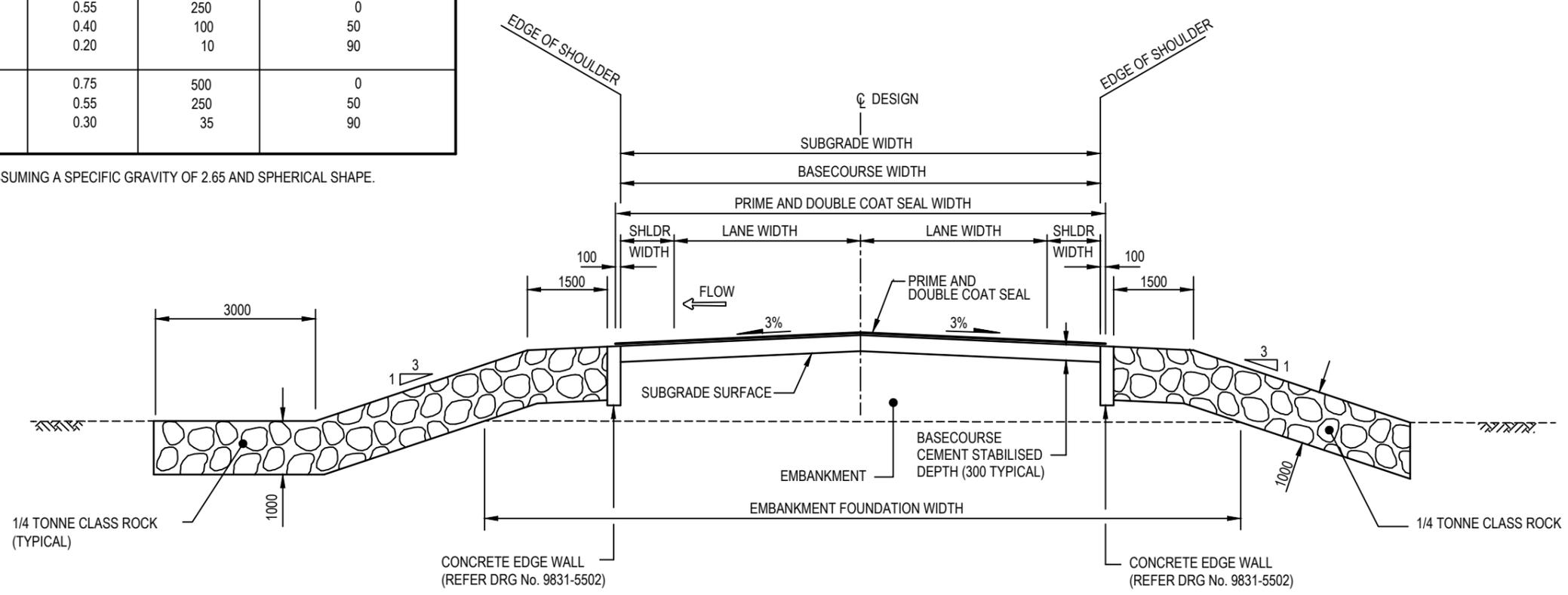
- THIS DRAWING IS REQUIRED TO BE MODIFIED TO CATER FOR SPECIFIC HYDRAULIC DESIGN CONDITIONS. THE DESIGN SHALL BE CARRIED OUT IN CONJUNCTION WITH THE ASSET OWNERS STANDARDS.
- FOR ROCK PROTECTION AROUND CULVERT WITH FLOODWAY REFER TO DWG No. 9831-6066.



FLOODWAY TYPE 4
SCALE 1:100

ROCK GRADING			
ROCK CLASS	ROCK SIZE (M)	ROCK MASS* (kg)	MINIMUM PERCENTAGE OF ROCK LARGER THAN
LIGHT	0.55	250	0
	0.40	100	50
	0.20	10	90
1/4 TONNE	0.75	500	0
	0.55	250	50
	0.30	35	90

* ASSUMING A SPECIFIC GRAVITY OF 2.65 AND SPHERICAL SHAPE.



FLOODWAY TYPE 5
SCALE 1:100



mainroads
WESTERN AUSTRALIA

PLANNING AND TECHNICAL SERVICES DIRECTORATE
ROAD AND TRAFFIC ENGINEERING BRANCH
Waterloo Crescent
Telephone 138 138
EAST PERTH 6004

DRAWN	RTE BRANCH
DESIGNED	RTE BRANCH
VERIFIED	T. FREEMAN 18.11.98
APPROVED	R. GROVE 18.11.98
FILE NO.	13/4331

GUIDELINE DRAWING
FLOODWAY TYPES 4 & 5
TYPICAL CROSS SECTION DETAILS

