




Package No.	ESS-04
Link No.	54.020
Package Name	BULUKUMBA - TONDONG
Province	SOUTH SULAWESI

URS Australia Pty Ltd.
 In association with:
 ARRB Group Ltd - Louis Berger Int-
 Vic Roads - Perenjara Daja -
 PT. Dacrea Mitrayasa

CONSULTANT		
DESIGNED BY:	REVIEWED BY:	APPROVED BY:
		
(ROHMAT YUSUF) Quality Engineer	(E.M. JAMES) Road Design Team Leader	(DAVID FOSTER) EINRIP Team Leader

TITLE
TABLE OF GUARDRAIL

Sheet No. : ESS-04-R-1013	REVISION RECORD	
Scale : NTS	Rev	Date
Date : -		DESCRIPTION
FINAL (ISSUED FOR TENDER)		

TABLE OF GUARDRAIL

No	Length (m)	Station Left		Station Right		Length (m)
		From	To	From	To	
1	-	-	-	0+975	1+025	50
2	-	-	-	1+224	1+230	6
3	-	-	-	1+400	1+435	35
4	170	1+630	1+715	-	-	-
		1+715	1+800	-	-	-
5	285	3+150	3+435	3+200	3+435	235
6	-	-	-	3+525	3+550	25
7	11	4+539	4+550	-	-	-
8	-	-	-	6+035	6+085	50
9	-	-	-	6+714	6+787	73
10	70	6+630	6+700	-	-	-
11	-	-	-	10+950	10+975	50
12	25	10+675	10+700	-	-	-
13	-	-	-	12+725	12+850	75
14	18	11+820	11+838	-	-	-
15	-	-	-	13+175	13+325	108
16	15	12+860	12+875	-	-	-
17		13+190	13+248	14+562	14+583	21
18	93	13+290	13+325	-	-	-
19	22	14+561	14+583	16+300	16+450	215
20	-	-	-	17+475	17+550	75
21	155	16+300	16+500	18+200	18+375	150
22	375	16+575	17+375	-	-	-
23	75	17+475	17+550	-	-	-
24	50	17+550	17+600	-	-	-
25	25	17+600	17+625	-	-	-
26	100	17+625	17+725	-	-	-
27	653	19+495	20+455	-	-	-
28		-	-	-	-	-

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In association with : ARRB Group Ltd - Louis Berger Int - Vic Roads - Perenjana Djaja - PT. Dacrea Mitrayasa	<i>[Signature]</i> (ROHMAT YUSUF) Quality Engineer	<i>[Signature]</i> (E.M. JAMES) Road Design Team Leader
		<i>[Signature]</i> (DAVID FOSTER) EINRIP Team Leader

TITLE	TABLE OF GUIDE POST
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Sheet No. :	ESS-04-R-1014	REVISION RECORD	
Scale :	NTS	Rev	Date
Date :	-		DESCRIPTION
FINAL (ISSUED FOR TENDER)			

TABLE OF GUIDE POST

NO	STATION (LEFT)		LENGTH	NUMBER POST	STATION (RIGHT)		LENGTH	NUMBER POST	RADIUS	LENGTH OF SPIRAL CURVE
	FROM	TO			FROM	TO				
1	-	-	-	-	339.167	464.429	125.262	7.000	135.000	50.000
2	860.019	941.657	81.638	5.000	-	-	-	-	70.000	25.000
3	-	-	-	-	1033.437	1160.846	127.409	6.000	155.000	50.000
4	3466.772	3593.509	96.737	5.000	-	-	-	-	130.000	35.000
5	-	-	-	-	3590.185	3710.698	120.513	7.000	70.000	35.000
6	3915.018	4012.040	97.022	6.000	-	-	-	-	70.000	35.000
7	-	-	-	-	5956.791	6069.612	112.821	7.000	70.000	35.000
8	6130.689	6232.404	101.715	5.000	-	-	-	-	150.000	35.000
9	-	-	-	-	6405.775	6534.917	129.142	7.000	50.000	30.000
10	6536.350	6591.324	54.974	4.000	-	-	-	-	40.000	20.000
11	7029.333	7171.999	142.666	5.000	-	-	-	-	120.000	50.000
12	-	-	-	-	12682.616	12840.804	158.188	7.000	180.000	50.000
13	12819.772	13039.720	219.948	10.000	-	-	-	-	150.000	50.000
14	-	-	-	-	13343.840	13550.057	206.217	12.000	125.000	50.000
15	-	-	-	-	16138.968	16292.826	153.858	7.000	180.000	50.000
16	-	-	-	-	16673.128	18801.384	2128.256	6.000	190.000	50.000
17	-	-	-	-	17138.631	17265.387	126.756	6.000	130.000	50.000
18	-	-	-	-	17663.743	17789.399	125.656	6.000	180.000	50.000
19	-	-	-	-	18151.674	18277.536	125.862	6.000	195.000	50.000

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CONSULTANT

DESIGNED BY: <i>[Signature]</i> (ROHMAT YUSUF) Quality Engineer	REVIEWED BY: <i>[Signature]</i> (E.M. JAMES) Road Design Team Leader	APPROVED BY: <i>[Signature]</i> (DAVID FOSTER) EINRIP Team Leader
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TITLE
**TABLE OF PEDESTRIAN
CROSSING ARROW
&
TABLE OF SIDE WALK
(FOOT PATH)**

Sheet No. : ESS-04-R-1016	REVISION RECORD	
Scale : NTS	Rev	Date
Date : -		DESCRIPTION
FINAL (ISSUED FOR TENDER)		

PEDESTRIAN CROSSING ARROW

Coloured Surfacing for Road						
No.	Station	Length Block (m)	Width (m)	Area (m)	Zona Selamat Sekolah (Area)	Tengok Kanan - Kiri (Area)
1	4+459	50.00	5.50	275.00	6.533 x 2 = 13.066	1.211 x 2 = 2.422
2	5+505	50.00	5.50	275.00	6.533 x 2 = 13.066	1.211 x 2 = 2.422
3	9+750	50.00	5.50	275.00	6.533 x 2 = 13.066	1.211 x 2 = 2.422
4	12+342	50.00	5.50	275.00	6.533 x 2 = 13.066	1.211 x 2 = 2.422
5	13+547	50.00	5.50	275.00	6.533 x 2 = 13.066	1.211 x 2 = 2.422
6	17+226	50.00	5.50	275.00	6.533 x 2 = 13.066	1.211 x 2 = 2.422
7	20+026	50.00	5.50	275.00	6.533 x 2 = 13.066	1.211 x 2 = 2.422
8	20+342	50.00	5.50	275.00	6.533 x 2 = 13.066	1.211 x 2 = 2.422
Total Area Block Marking = 2200.00 Sq.M					Text = 104.53 + 19.38 = 123.90 Sq.M	

TABLE OF SIDE WALK(FOOT PATH)

No	Length (m)	Station Left		Station Right		Length (m)		
		From	To	From	To			
1	115	0+160	-	0+275	0+000	-	0+080	80
2	350	0+275	-	0+625	0+160	-	0+250	90
					0+690	-	0+785	85
					0+900	-	0+940	40

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(ROHMAT YUSUF) Quality Engineer	(E.M. JAMES) Road Design Team Leader	(DAVID FOSTER) EINRIP Team Leader

TITLE
TABLE OF TREES REMOVAL

Sheet No. :	ESS-04-R-1017
Scale :	NTS
Date :	-
FINAL (ISSUED FOR TENDER)	

REVISION RECORD	
Rev	Date

TABLE OF TREES REMOVAL

No	Station		Left side Object	Quantity	Distance	Right side Object	Quantity	Total	Distance
	from	to							
1	6+025	6+030	T	1	7.045	-	-	1	-
2	6+100	6+150	T	5	6.374	-	-	5	-
3	6+175	6+200	-	-	-	T	1	1	3.201
4	6+250	6+300	T	2	4.829	-	-	2	-
5	6+400	6+450	-	-	-	T	5	5	1.909
6	6+800	6+850	-	-	-	T	1	1	18.519
7	6+850	6+860	T	2	5.917	-	-	2	-
8	7+000	7+010	T	1	10.814	-	-	1	-
9	7+050	7+075	T	4	4.979	-	-	4	-
10	7+125	7+225	-	-	-	T	5	5	8.067
11	7+280	7+290	T	1	4.429	-	-	1	-
12	7+325	7+375	-	-	-	T	3	3	4.956
13	7+450	7+485	-	-	-	T	2	2	7.870
14	7+519	7+525	T	1	4.673	T	1	2	4.693
15	7+630	7+650	-	-	-	T	2	2	6.616
16	7+672	7+686	T	1	4.323	T	3	4	8.130
17	7+020	7+875	T	2	2.401	T	10	12	4.800
18	7+930	7+940	-	-	-	T	2	3	4.305
19	8+030	8+040	T	1	2.737	-	-	1	-
20	8+150	8+258	T	3	3.025	-	-	3	-
21	8+587	8+675	T	2	5.317	T	3	5	4.672
22	8+790	8+860	-	-	-	T	2	2	4.696
23	8+940	8+970	T	1	3.904	T	3	4	4.383
24	8+995	9+035	T	1	3.732	T	11	12	5.602
25	9+201	9+208	-	-	-	T	2	2	3.950
26	9+330	9+380	T	5	4.986	T	7	12	4.259
27	9+810	9+815	-	-	-	T	1	1	3.383
28	14+052	14+200	T	8	6.911	T	11	19	6.700
29	14+216	14+343	T	7	8.730	T	8	15	7.490
30	4+392	4+272	T	2	5.501	T	3	5	5.779
31	14+600	14+636	-	-	-	-	4	4	5.550
32	6+681	4+710	T	2	6.363	T	2	4	5.012
33	15+100	15+140	T	1	4.291	T	4	5	6.431
34	15+235	15+240	-	-	-	-	1	1	3.368
35	15+390	15+550	T	2	4.751	T	9	11	6.696
36	15+739	15+840	T	1	4.591	T	6	7	6.142
37	15+986	16.051	-	-	-	T	12	12	6.357
38	16+228	16+232	T	1	-	-	-	1	4.032
39	16+415	16+513	T	10	5.163	T	13	23	4.465
40	16+717	16.723	-	-	-	-	1	1	5.012
41	16+835	16+340	T	1	1.122	T	-	1	1.120
42	17+136	17+189	T	1	4.131	T	11	12	5.798
43	17+250	17+255	T	1	4.865	T	-	1	-
44	17+744	17+757	-	-	-	T	2	2	5.298
45	17+812	17+904	T	9	4.656	T	1	10	6.364