



**APPENDIX N  
SYSTEM ALTERNATIVE IV BARRIER SUMMARY**



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ALTERNATIVE IV - RETAINING WALLS SUMMARY TABLE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	010-E(210)S	1	5	

010 PM 260

I-10 CORRIDOR - I-10 MAINLINE										
RETAINING WALL NO.	RETAINING BARRIER (FT)	RETAINING BARRIER LOCATION	BEGINNING STATION	ENDING STATION	LENGTH (FT)	BEGINNING WALL HEIGHT (FT)	ENDING WALL HEIGHT (FT)	AVERAGE WALL HEIGHT (FT)	WALL AREA (SF)	COMMENTS
I352R			351+30	361+20	990	6.4	6.4	N/A	15,225	RET WALL BEHIND 42" HALF BARRIER
I355L			354+50	361+70	720	6.4	6.4	N/A	9,777	
I391R	25	EAST END	390+84	392+75	191	5.0	4.0	4.5	860	
I497L	25	WEST END	497+00	497+54	54	4.0	5.0	4.5	243	
I498R	25	WEST END	497+90	498+56	66	4.0	5.0	4.5	297	
I500L	25	EAST END	500+55	501+35	80	5.0	4.0	4.5	360	
I501R	25	EAST END	501+57	502+08	51	5.0	4.0	4.5	230	
I510R			510+70	522+52	1182	16.0	9.2	N/A	12,404	
I525R	25	EAST END	525+33	525+98	65	5.0	4.0	4.5	293	
I528L			528+02	530+26	224	9.0	9.0	9.0	2,016	
I531R	25	WEST END	530+64	531+44	80	4.0	5.0	4.5	360	
I532L	25	EAST END	532+34	533+04	70	5.0	4.0	4.5	315	
I534R	25	EAST END	533+54	534+29	75	5.0	4.0	4.5	338	
I572L	80	EAST END	572+00	591+50	1950	9.8	4.0	N/A	14,570	SLIGHTLY MORE AREA THAN ALT I
I581R	25	WEST END	581+25	612+34	3109	4.0	26.7	N/A	40,657	SLIGHTLY LESS AREA THAN ALT I
I614L	30	WEST END	614+05	614+65	60	4.0	10.0	7.0	420	
I614R			614+00	655+50	4150	25.8	22.6	N/A	92,420	14,358 SF MORE THAN ALT I
I616L	30	SOUTH END	616+23	616+83	60	10.0	4.0	7.0	420	
I671R	25	NORTH END	671+07	671+67	60	4.0	5.0	4.5	270	
I672L	25	NORTH END	672+49	673+09	60	4.0	5.0	4.5	270	
I674R	25	SOUTH END	674+28	674+88	60	5.0	4.0	4.5	270	
I676L	25	SOUTH END	676+00	684+00	800	5.0	4.0	N/A	13,005	
I717L	25	WEST END	717+00	722+90	590	4.0	10.0	N/A	6,215	13,586 SF LESS THAN ALT I
I720R	100	WEST END	720+00	724+71	471	4.0	10.0	N/A	5,082	9,465 SF LESS THAN ALT I
I726L	25	EAST END	725+24	731+00	576	10.0	4.0	N/A	7,446	4,110 SF LESS THAN ALT I
I727R	25	EAST END	727+06	732+00	494	10.0	4.0	N/A	4,300	4,069 SF LESS THAN ALT I
I783L	25	WEST END	783+00	789+10	610	4.0	10.0	N/A	7,075	5,575 SF LESS THAN ALT I
I790R	25	WEST END	790+30	790+90	60	4.0	10.0	7.0	420	
I791L	25	EAST END	791+40	792+00	60	10.0	4.0	7.0	420	
I793R	25	EAST END	793+20	799+50	630	10.0	4.0	N/A	6,930	
TOTALS	955								242,906	

SR 210 CORRIDOR - SR 210 MAINLINE										
RETAINING WALL NO.	RETAINING BARRIER (FT)	RETAINING BARRIER LOCATION	BEGINNING STATION	ENDING STATION	LENGTH (FT)	BEGINNING WALL HEIGHT (FT)	ENDING WALL HEIGHT (FT)	AVERAGE WALL HEIGHT (FT)	WALL AREA (SF)	COMMENTS
SR384R	50	WEST END	383+50	384+52	102	4.0	10.0	7.0	714	20' DITCH ALONG RAMP
SR385M			384+62	385+22	60	15.0	15.0	15.0	900	BETWEEN ABUTMENTS ALONG CENTERLINE
SR397M			397+46	398+12	66	15.0	15.0	15.0	990	BETWEEN ABUTMENTS ALONG CENTERLINE
SR398R	20	SOUTH END	398+22	398+80	58	10.0	4.0	7.0	406	
SR404L	40	NORTH END	403+56	414+60	1104	22.0	4.0	N/A	22,168	CONNECTS TO GLWN6R
SR423L	20	NORTH END	422+20	430+90	870	4.0	46.0	N/A	24,880	WALL NEAR UPRR- SPECIAL DESIGN
SR434R			434+10	442+25	815	5.0	12.0	N/A	6,998	
SR442L	50	NORTH END	441+50	442+10	60	4.0	5.0	4.5	270	
SR445R	40	SOUTH END	444+35	446+75	240	8.0	4.0	6.0	1,440	
SR454L			453+70	462+20	850	24.0	29.6	N/A	22,786	
SR456R			456+08	462+20	612	29.0	34.5	N/A	18,902	
SR463L			463+50	488+15	2465	28.6	35.4	N/A	78,358	
SR463R			463+50	488+15	2465	39.2	34.0	N/A	79,463	
SR490L			490+37	494+50	413	5.0	15.6	N/A	7,804	
SR490R	20	SOUTH END	490+37	491+00	63	5.0	4.0	4.5	284	
SR 210 RAMPS										
GLWN6R	100	NORTH END	5+95	15+00	905	22.0	4.0	N/A	15,210	NORTH OF AJO WAY
GLSE34R	160	BOTH ENDS	34+25	42+90	865	4.0	4.0	N/A	9,774	NORTH OF AJO WAY
NAIVC2L	20	EAST END	1+70	4+30	260	19.0	4.0	11.5	2,990	
AjoA31R	40	BOTH ENDS	31+00	43+40	1240	4.0	4.0	N/A	9,110	
AjoD11R	20	NORTH END	11+70	23+28	1158	4.0	29.0	N/A	20,318	CONNECTS TO SR456R
TOTALS	580								323,765	

# APPENDIX N

DESIGN	MKO/JBC	DATE	10-17	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY & OPERATIONS DIVISION <b>ROADWAY DESIGN SERVICES</b>	PRELIMINARY NOT FOR CONSTRUCTION OR RECORDING
DRAWN	SR/JLM	DATE	10-17		
CHECKED	PNB	DATE	12-17		
<b>JACOBS</b>				SUMMARY SHEET RETAINING WALLS - ALT IV	
ROUTE	I-10 - JCT. I-19 TO KOLB ROAD SR 210 - GOLF LINKS ROAD TO I-10			SHEET SU-01	
TRACS NO. H7825 01L			010-E(210)S <u>OF</u>		

ALTERNATIVE IV - RETAINING WALLS SUMMARY TABLE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	010-E(210)S	2	5	

010 PM 260

I-10 CORRIDOR - I-10 RAMPS										
RETAINING WALL NO.	RETAINING BARRIER (FT)	RETAINING BARRIER LOCATION	BEGINNING STATION	ENDING STATION	LENGTH (FT)	BEGINNING WALL HEIGHT (FT)	ENDING WALL HEIGHT (FT)	AVERAGE WALL HEIGHT (FT)	WALL AREA (SF)	COMMENTS
6THC103R			103+00	105+13	213	4.0	9.2	N/A	1,435	WB EXIT RAMP TO 6TH AVE VIA WB FR
6THC105L			104+13	105+13	100	4.0	5.0	4.5	450	
6THC112L			112+10	113+10	100	5.0	4.0	4.5	450	
6THC112R			112+10	113+10	100	5.0	4.0	4.5	450	
PARKC53R			52+51	53+84	133	4.0	14.0	9.0	1,197	
PARKC53L			52+51	54+07	156	4.0	14.0	9.0	1,404	
PARKC56R			56+02	56+52	50	13.0	4.0	8.5	425	
PARKC56L			56+35	56+85	50	13.0	4.0	8.5	425	
PARKD15R	100	WEST END	14+56	28+56	1400	4.0	6.0	N/A	10,819	
KINOA21R			20+57	34+80	1423	6.0	21.0	N/A	11,502	
KINOA34L			34+44	34+94	50	4.0	5.0	4.5	225	
KINOA37R	25	SOUTH END	36+57	37+32	75	5.0	4.0	4.5	338	
KINOA37L	25	SOUTH END	36+69	37+44	75	5.0	4.0	4.5	338	
KINOB16L			16+00	20+60	460	4.0	24.0	N/A	4,792	
KINOB22R	25	EAST END	22+11	23+33	122	24.0	4.0	14.0	1,708	
KINOC11R			10+87	12+42	155	6.0	10.0	8.0	1,240	
KINOC12L	25	WEST END	12+31	13+07	76	4.0	10.0	7.0	532	
KINOC14R	25	SOUTH END	14+49	15+08	59	10.0	4.0	7.0	413	
KINOC15L	25	SOUTH END	15+04	15+52	48	10.0	4.0	7.0	336	
CCLUBA22R	25	WEST END	21+51	26+93	542	6.0	4.0	N/A	3,810	
CCLUBD15R	25	WEST END	14+57	19+63	506	4.0	16.0	N/A	5,980	
ALVC15L			15+03	21+67	664	6.4	9.8	N/A	5,009	SAME AS ALT I
VALD15R			15+04	21+50	646	4.0	4.0	N/A	8,488	
NBKOLB18L	25	NORTH END	17+75	21+13	338	4.0	40.0	N/A	7,692	
NBKOLB18R	25	NORTH END	17+75	21+13	338	4.0	30.0	N/A	7,030	
NBKOLB42L	25	SOUTH END	41+85	42+45	60	6.0	4.0	5.0	300	
NBKOLB42R	25	SOUTH END	41+85	42+45	60	6.0	4.0	5.0	300	
SBKOLB19L	25	NORTH END	19+15	19+75	60	4.0	6.0	5.0	300	
SBKOLB19R	25	NORTH END	19+15	19+75	60	4.0	6.0	5.0	300	
SBKOLB41L	25	SOUTH END	41+56	42+16	60	6.0	4.0	5.0	300	
SBKOLB41R	25	SOUTH END	41+56	42+16	60	6.0	4.0	5.0	300	
NBDDI27R	25	NORTH END	26+54	27+04	50	4.0	10.0	7.0	350	
NBDDI27L	25	NORTH END	26+92	27+42	50	4.0	10.0	7.0	350	
NBDDI31R	25	NORTH END	31+16	31+76	60	10.0	4.0	7.0	420	
NBDDI31L	25	NORTH END	31+53	32+13	60	10.0	4.0	7.0	420	
SBDDI15R	25	NORTH END	14+46	15+06	60	4.0	10.0	7.0	420	
SBDDI15L	25	NORTH END	14+84	15+44	60	4.0	10.0	7.0	420	
SBDDI19R	25	NORTH END	19+18	19+68	50	10.0	4.0	7.0	350	
SBDDI19L	25	NORTH END	19+55	20+05	50	10.0	4.0	7.0	350	
SYSTEM RAMPS										
SE30R	25	NORTH END	30+16	30+99	83	4.0	5.0	4.5	374	
SE30L	25	NORTH END	30+23	30+99	76	4.0	5.0	4.5	342	
SE41R	25	EAST END	41+42	42+02	60	5.0	4.0	4.5	270	
SE41L	25	EAST END	41+42	42+02	60	5.0	4.0	4.5	270	
EN50R	25	WEST END	49+49	56+60	711	4.0	28.8	N/A	14,852	
EN55L	25	WEST END	54+90	56+60	170	4.0	19.0	N/A	1,832	
EN76R	25	NORTH END	75+91	78+75	284	10.0	4.0	N/A	1,455	
EN76L	25	NORTH END	75+91	81+25	534	10.0	4.0	N/A	7,132	
WN28L			27+90	39+70	1180	15.6	10.0	N/A	14,950	
WN38R	25	NORTH END	38+46	39+55	109	4.0	10.0	7.0	763	
WN41R	25	SOUTH END	41+35	42+10	75	20.0	4.0	12.0	900	
WN42L	25	EAST END	41+56	43+25	169	20.0	4.0	N/A	1,915	
TOTALS	975								126,422	

# APPENDIX N

DESIGN	MKO/JBC	10-17	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY & OPERATIONS DIVISION <b>ROADWAY DESIGN SERVICES</b>	PRELIMINARY NOT FOR CONSTRUCTION OR RECORDING
DRAWN	SR/JLM	10-17		
CHECKED	PNB	12-17		
<b>JACOBS</b>		SUMMARY SHEET RETAINING WALLS - ALT IV		
ROUTE	I-10 - JCT. I-19 TO KOLB ROAD SR 210 - GOLF LINKS ROAD TO I-10		SHEET SU-02	
TRACS NO.	H7825 OIL	010-E(210)S	OF	

DATE: LOCATION: REVISIONS: FINISHED PLANS: SURVEY NO. DATE: LOCATION: REVISIONS: FINISHED PLANS: SURVEY NO.

REVISIONS- LOCATION- DATE-  
 FINISHED PLANS- SURVEY NO. DATE-  
 REVISIONS- LOCATION- DATE-  
 FINISHED PLANS- SURVEY NO. DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	010-E(210)S	3	5	
010 PM 260					

LOCATION	BARRIER				REMARKS
	Begin Station (Approximate) (0)	Plan Reference Number	Length (Linear Feet) (0.0)	MEDIAN BARRIER MEDIAN BARRIER (VARIABLE HEIGHT) HALF BARRIER TERMINAL	
376+35 CL	1	395	X		
403+29 CL	2	522	X		
453+26 CL	3	470	X		
473+72 CL	4	95	X		
490+27 CL	5	438	X	1	
397+99 CL	6	2886	X		
429+41 CL	7	1687	X		
447+12 CL	8	5102	X		
500+96 CL	9	2301	X		
526+57 CL	10	439	X		
532+84 CL	11	2905	X		
563+91 CL	12	2553	X		
583+38 Lt	13	400	X		
588+30 Lt	14	7120	X		
582+07 Rt	15	8583	X	1	
637+62 CL	16	2932	X		
692+68 CL	17	3121	X		
688+75 Lt	18	12896	X	1	
688+41 Rt	19	9038	X		
726+03 CL	20	6405	X		
792+18 CL	21	13719	X	1	
818+20 Lt	22	5900	X	1	
778+44 Rt	23	9494	X	1	
371+63 CL	24	472	X	1	
380+30 CL	25	432	X		
398+12 CL	26	517	X		
408+51 CL	27	2112	X		
434+95 CL	28	734	X		
444+25 CL	29	901	X		
457+96 CL	30	435	X		
463+41 CL	31	1032	X		
474+67 CL	32	1358	X		
377+64 CL	33	1016	X		
390+26 CL	34	773	X		

LOCATION	BARRIER				REMARKS
	Begin Station (Approximate) (0)	Plan Reference Number	Length (Linear Feet) (0.0)	MEDIAN BARRIER MEDIAN BARRIER (VARIABLE HEIGHT) HALF BARRIER TERMINAL	
589+44 CL	35	2419	X		
615+04 CL	36	2258	X		
666+94 CL	37	546	X		
674+99 CL	38	1769	X		
373+19 Lt	39	50		X	
371+65 Lt	40	50		X 1	
381+00 Rt	41	305		X 1	50' INCLUDED IN RETAINING BARRIER QUANTITY
382+00 Lt	42	330		X	
398+13 Rt	43	460		X	20' INCLUDED IN RETAINING BARRIER QUANTITY
397+44 Lt	44	364		X 1	
12+45 Rt	45	1289		X 1	RAMP GL WN STATION
16+00 Rt	46	3664		X	160' INCLUDED IN RETAINING BARRIER QUANTITY, RAMP GL WN STATION
424+00 Rt	47	448		X 1	
434+04 Rt	48	854		X	
438+00 Lt	49	565		X 1	50' INCLUDED IN RETAINING BARRIER QUANTITY
444+26 Rt	50	654		X	40' INCLUDED IN RETAINING BARRIER QUANTITY
444+24 Lt	51	508		X 1	
33+00 Rt	52	1473		X 1	
31+00 Rt	53	1949		X 1	
31+64 Rt	54	846		X 1	
55+00 Rt	55	638		X 1	
57+50 Lt	56	455		X 1	
66+78 Rt	57	624		X	
67+43 Lt	58	854		X	
20+33 Lt	59	364		X 1	
20+33 Rt	60	50		X 1	
Sheet Total		132,969		21	

## APPENDIX N

DESIGN	MKO/JBC	10-17	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY & OPERATIONS DIVISION <b>ROADWAY DESIGN SERVICES</b>	PRELIMINARY NOT FOR CONSTRUCTION OR RECORDING
DRAWN	SR/JLM	10-17		
CHECKED	PNB	12-17		
<b>JACOBS</b>			SUMMARY SHEET BARRIER - ALT IV	
ROUTE	LOCATION	I-10 - JCT. I-19 TO KOLB ROAD SR 210 - GOLF LINKS ROAD TO I-10		SHEET SU-03
TRACS NO. H7825 01L		010-E(210)S		OF

REVISIONS- LOCATION- DATE-  
 FINISHED PLANS- SURVEY NO.- DATE-  
 REVISIONS- LOCATION- DATE-  
 FINISHED PLANS- SURVEY NO.- DATE-

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	010-E(210)S	4	5	
010 PM 260					

LOCATION	BARRIER				REMARKS
	Begin Station (Approximate) (0)	Plan Reference Number	Length (Linear Feet) (0.0)	MEDIAN BARRIER MEDIAN BARRIER (VARIABLE HEIGHT) HALF BARRIER TERMINAL	
13+50 Lt	61	1513		X	
11+50 Rt	62	1783		X	20' INCLUDED IN RETAINING BARRIER QUANTITY
463+37 Rt	63	2489		X	
463+45 Lt	64	2482		X	
490+27 Lt	65	1609		X	
490+27 Rt	66	150		X	20' INCLUDED IN RETAINING BARRIER QUANTITY
0+28 Lt	67	366		X	20' INCLUDED IN RETAINING BARRIER QUANTITY
33+00 Rt	68	642		X	25' INCLUDED IN RETAINING BARRIER QUANTITY
41+26 Rt	69	354		X	25' INCLUDED IN RETAINING BARRIER QUANTITY
41+46 Lt	70	523		X	25' INCLUDED IN RETAINING BARRIER QUANTITY
75+82 Lt	71	518		X	25' INCLUDED IN RETAINING BARRIER QUANTITY
75+82 Rt	72	268		X	25' INCLUDED IN RETAINING BARRIER QUANTITY
343+99 Lt	73	2651		X	
347+50 Rt	74	1628		X	
369+00 Rt	75	208		X	
372+23 Lt	76	94		X	
372+72 Rt	77	28		X	
381+68 Lt	78	581		X	
381+50 Rt	79	306		X	360' INCLUDED IN RETAINING BARRIER QUANTITY
389+87 Lt	80	228		X	
390+74 Rt	81	1093		X	25' INCLUDED IN RETAINING BARRIER QUANTITY
400+49 Lt	82	2946		X	25' INCLUDED IN RETAINING BARRIER QUANTITY
423+50 Lt	83	451		X	
422+00 Rt	84	351		X	
430+57 Lt	85	193		X	
428+07 Rt	86	1524		X	
445+50 Lt	87	78		X	
447+14 Lt	88	186		X	
447+12 Rt	89	63		X	
482+00 Lt	90	1174		X	
482+03 Rt	91	1429		X	25' INCLUDED IN RETAINING BARRIER QUANTITY
490+50 Lt	92	689		X	25' INCLUDED IN RETAINING BARRIER QUANTITY
490+50 Rt	93	791		X	25' INCLUDED IN RETAINING BARRIER QUANTITY
500+46 Lt	94	830		X	25' INCLUDED IN RETAINING BARRIER QUANTITY

LOCATION	BARRIER				REMARKS
	Begin Station (Approximate) (0)	Plan Reference Number	Length (Linear Feet) (0.0)	MEDIAN BARRIER MEDIAN BARRIER (VARIABLE HEIGHT) HALF BARRIER TERMINAL	
501+47 Rt	95	778		X	25' INCLUDED IN RETAINING BARRIER QUANTITY
20+00 Lt	96	1777		X	
14+57 Rt	97	1673		X	25' INCLUDED IN RETAINING BARRIER QUANTITY
525+23 Rt	98	582		X	50' INCLUDED IN RETAINING BARRIER QUANTITY
527+92 Lt	99	244		X	
532+25 Lt	100	176		X	25' INCLUDED IN RETAINING BARRIER QUANTITY
533+44 Rt	101	1476		X	50' INCLUDED IN RETAINING BARRIER QUANTITY
553+00 Lt	102	838		X	
553+00 Rt	103	942		X	
563+39 Lt	104	542		X	LENGTH DIFFERENT FROM ALT I
564+36 Rt	105	564		X	
190+25 Lt	106	1041		X	
103+00 Rt	107	224		X	
112+00 Lt	108	352		X	
112+00 Rt	109	348		X	
13+00 Rt	110	2882		X	100' INCLUDED IN RETAINING BARRIER QUANTITY
33+00 Lt	111	207		X	
36+59 Lt	112	610		X	25' INCLUDED IN RETAINING BARRIER QUANTITY
36+47 Rt	113	1174		X	25' INCLUDED IN RETAINING BARRIER QUANTITY
18+50 Rt	114	617		X	
10+86 Rt	115	151		X	
10+65 Lt	116	243		X	25' INCLUDED IN RETAINING BARRIER QUANTITY
14+39 Rt	117	412		X	25' INCLUDED IN RETAINING BARRIER QUANTITY
15+00 Lt	118	358		X	25' INCLUDED IN RETAINING BARRIER QUANTITY
10+80 Lt	119	473		X	
19+50 Rt	120	192		X	
Sheet Total		49,095		31	

## APPENDIX N

DESIGN	MKO/JBC	10-17	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY & OPERATIONS DIVISION <b>ROADWAY DESIGN SERVICES</b>	PRELIMINARY NOT FOR CONSTRUCTION OR RECORDING
DRAWN	SR/JLM	10-17		
CHECKED	PNB	12-17		
<b>JACOBS</b>			SUMMARY SHEET BARRIER - ALT IV	
ROUTE	LOCATION	I-10 - JCT. I-19 TO KOLB ROAD SR 210 - GOLF LINKS ROAD TO I-10		SHEET SU-04
TRACS NO. H7825 01L		010-E(210)S		OF

REVISIONS- LOCATION- DATE- FINISHED PLANS- SURVEY NO. REVISIONS- LOCATION- DATE- FINISHED PLANS- SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.	010-E(210)S	5	5	

010 PM 260

LOCATION	BARRIER					REMARKS
	Begin Station (Approximate) (0)	Plan Reference Number	Length (Linear Feet) (0.0)	MEDIAN BARRIER (0,0)	MEDIAN BARRIER (VARIABLE HEIGHT)	
84+35 R+	121	355		X	1	
98+29 L+	122	53		X		
97+50 R+	123	55		X		
25+00 R+	124	2589		X		
50+25 L+	125	61		X		
52+42 L+	126	174		X		
52+42 R+	127	176		X		
56+23 L+	128	202		X	1	
55+94 R+	129	206		X	1	
52+25 L+	130	445		X	1	25' INCLUDED IN RETAINING BARRIER QUANTITY
27+25 R+	131	361		X	1	25' INCLUDED IN RETAINING BARRIER QUANTITY
27+25 L+	132	358		X	1	25' INCLUDED IN RETAINING BARRIER QUANTITY
41+32 L+	133	366		X		25' INCLUDED IN RETAINING BARRIER QUANTITY
41+32 R+	134	370		X		25' INCLUDED IN RETAINING BARRIER QUANTITY
12+00 R+	135	289		X	1	
12+00 L+	136	5182		X		110' INCLUDED IN RETAINING BARRIER QUANTITY
577+60 R+	137	3435		X	1	25' INCLUDED IN RETAINING BARRIER QUANTITY
616+33 L+	138	4342		X	1	30' INCLUDED IN RETAINING BARRIER QUANTITY
613+98 R+	139	5028		X		
666+50 L+	140	630		X		25' INCLUDED IN RETAINING BARRIER QUANTITY
663+00 R+	141	857		X	1	25' INCLUDED IN RETAINING BARRIER QUANTITY
675+90 L+	142	752		X	1	25' INCLUDED IN RETAINING BARRIER QUANTITY
674+18 R+	143	530		X		25' INCLUDED IN RETAINING BARRIER QUANTITY
659+12 L+	144	1369		X		
659+12 L+	145	1358		X		
668+30 R+	146	383		X		
668+30 R+	147	379		X		
675+51 L+	148	1295		X		
675+38 L+	149	1277		X		
674+61 R+	150	1407		X		
674+51 R+	151	1273		X		
699+98 R+	152	339		X	1	
702+49 L+	153	2731		X	1	
709+40 L+	154	3039		X	1	

LOCATION	BARRIER					REMARKS
	Begin Station (Approximate) (0)	Plan Reference Number	Length (Linear Feet) (0.0)	MEDIAN BARRIER (0,0)	MEDIAN BARRIER (VARIABLE HEIGHT)	
717+00 L+	155	775		X		25' INCLUDED IN RETAINING BARRIER QUANTITY
719+00 R+	156	480		X	1	100' INCLUDED IN RETAINING BARRIER QUANTITY
725+14 L+	157	561		X	1	25' INCLUDED IN RETAINING BARRIER QUANTITY
726+93 R+	158	483		X		25' INCLUDED IN RETAINING BARRIER QUANTITY
783+00 L+	159	595		X		25' INCLUDED IN RETAINING BARRIER QUANTITY
783+00 R+	160	774		X	1	25' INCLUDED IN RETAINING BARRIER QUANTITY
791+34 L+	161	595		X	1	25' INCLUDED IN RETAINING BARRIER QUANTITY
793+02 R+	162	618		X		25' INCLUDED IN RETAINING BARRIER QUANTITY
13+04 R+	163	607		X	1	
15+04 R+	164	646		X	1	
18+50 L+	165	110		X		25' INCLUDED IN RETAINING BARRIER QUANTITY
16+50 R+	166	310		X		25' INCLUDED IN RETAINING BARRIER QUANTITY
41+47 L+	167	228		X		25' INCLUDED IN RETAINING BARRIER QUANTITY
41+47 R+	168	528		X		25' INCLUDED IN RETAINING BARRIER QUANTITY
16+50 L+	169	450		X		25' INCLUDED IN RETAINING BARRIER QUANTITY
16+50 R+	170	450		X		25' INCLUDED IN RETAINING BARRIER QUANTITY
41+75 L+	171	600		X	1	25' INCLUDED IN RETAINING BARRIER QUANTITY
41+75 R+	172	250		X	1	25' INCLUDED IN RETAINING BARRIER QUANTITY
26+55 R+	173	35		X		25' INCLUDED IN RETAINING BARRIER QUANTITY
26+91 L+	174	35		X		25' INCLUDED IN RETAINING BARRIER QUANTITY
31+08 R+	175	85		X	1	25' INCLUDED IN RETAINING BARRIER QUANTITY
31+41 L+	176	85		X	1	25' INCLUDED IN RETAINING BARRIER QUANTITY
27+12 R+	177	85		X	1	25' INCLUDED IN RETAINING BARRIER QUANTITY
27+48 L+	178	85		X	1	25' INCLUDED IN RETAINING BARRIER QUANTITY
32+15 R+	179	35		X	1	25' INCLUDED IN RETAINING BARRIER QUANTITY
32+48 L+	180	35		X	1	25' INCLUDED IN RETAINING BARRIER QUANTITY
Sheet Total		51,206			28	

# APPENDIX N

DESIGN	MKO/JBC	10-17	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY & OPERATIONS DIVISION <b>ROADWAY DESIGN SERVICES</b>	PRELIMINARY NOT FOR CONSTRUCTION OR RECORDING
DRAWN	SR/JLM	10-17		
CHECKED	PNB	12-17		
<b>JACOBS</b>			SUMMARY SHEET BARRIER - ALT IV	
ROUTE	LOCATION	I-10 - JCT. I-19 TO KOLB ROAD SR 210 - GOLF LINKS ROAD TO I-10		SHEET SU-05
TRACS NO. H7825 01L			010-E(210)S	OF



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