

SQA-8448 JUNCTION TRAFFIC SIGNAL DESIGN SHEET PART A

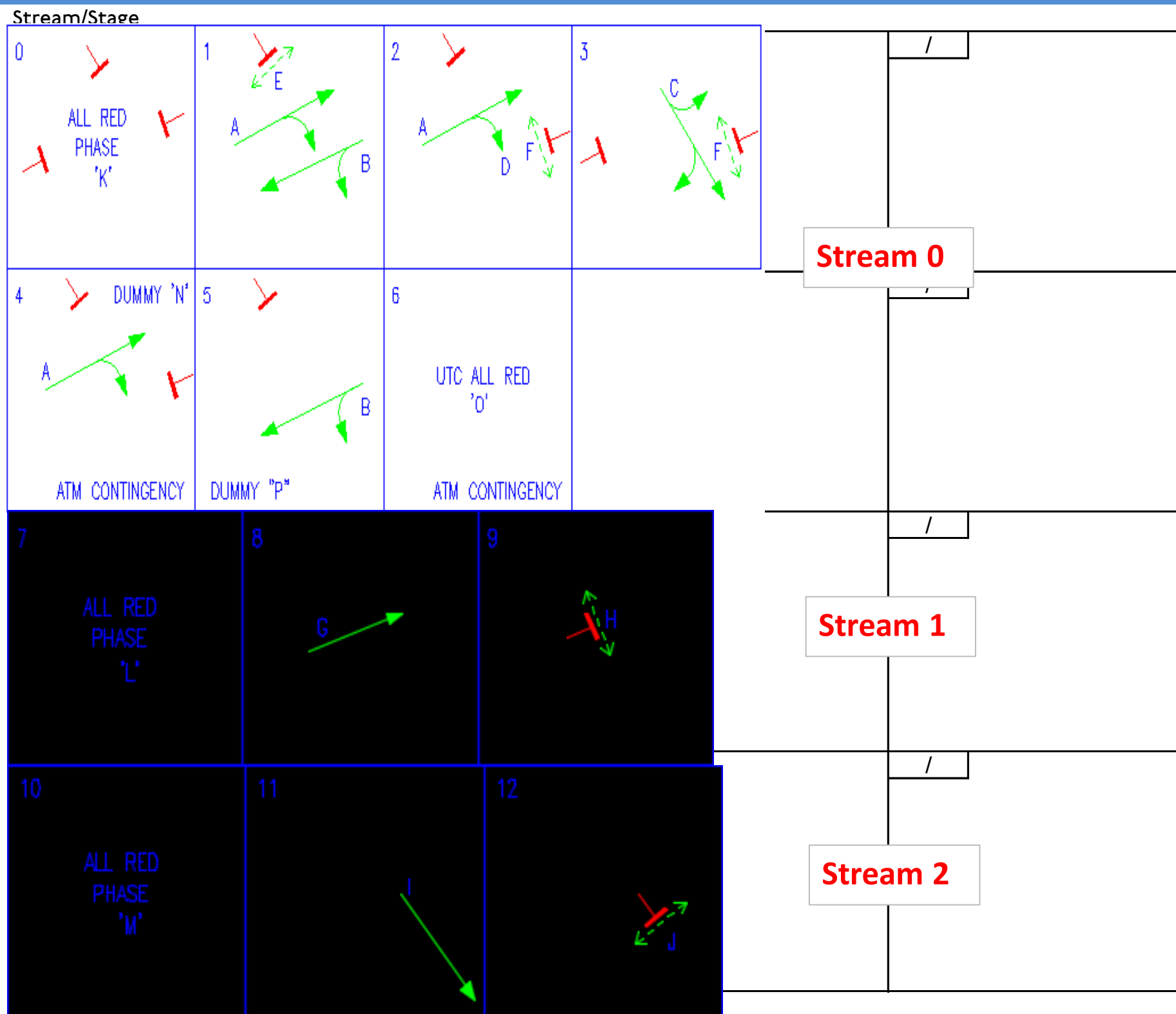
Site Ref:	I2/854 (I2/049)	Revision No:	I	Date:	01/11/2019
Address:	King's Road / Edith Grove				
SI Engineer:		WBS Code:			
Drawing Number:	RWA-I9-20-I76-I2-049	Primary Mode:	SCOOT UTC		
UID:		Fallback Mode:	CLF		
Parallel Stage Stream Site Refs (if Applicable)					
I2/855 (I2/I94) & I2/856 (I2/208)					
Reason For Changes/Update					
Temporary lights for civils works to be undertaken (Under CLF streams will run leaving amber link)					

EXISTING LIVE DESIGN INFORMATION

Item	Source	Version	File Location (Hyperlink)
Existing Staging	Controller Spec	II	Here
Existing Phases	Controller Spec	II	Here
Existing Stage Moves	Controller Spec	II	Here
Existing Intergreens	Controller Spec	II	Here
Existing Phase Delays	Controller Spec	II	Here
Existing CLF/Timetabl	Controller Spec	II	Here
UTC Pattern	Controller Spec	II	Here

Is there any live design information which cannot be indicated above?

PROPOSED STAGING



Are there any changes to stages?

SQA-8448 JUNCTION TRAFFIC SIGNAL DESIGN SHEET PART A

Date: 01/11/2019

PROPOSED PHASE AND INTERGREEN TIMINGS

[illegible]

Yes

No

(SET 1: UTC, MANUAL AND CLF MODES)

Yes

(SET I: UTC, MANUAL AND CLF MODES)

(SET 2: VA, FT, PRIORITY, MOVA & HURRY CALL)

DEMAND
DEPENDANCY

[illegible]

A 16x16 grid representing a chessboard. The columns are labeled 'TO' (0 to 15) and the rows are labeled 'FROM' (0 to 15). Black squares are placed on the main diagonal from (0,0) to (15,15). Two blue squares are placed at (2,1) and (4,3), both containing the number '0'.

[illegible]

Are there any changes to prohibited/via moves ☐ Yes

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Site Ref: 12/854 (12/049)

Revision No: I

Date: 01/11/2019

Address: King's Road / Edith Grove

(Not on OTU - do not include in UTC Word)

PROPOSED UTC LINK
(On OTU - include in UTC Word)

PROPOSED UTC MODE
DEPENDANCY (STREAMS)

Linked Site

Linked Site
12/855
12/856

	0	1	2	3	4
0					
1	X				
2	X				
3	X				
4					

PROPOSED PHASE DELAYS

No.	Phase	From	To	Secs	No.	Phase	From	To	Secs	No.	Phase	From	To	Secs	No.	Phase	From	To	Secs
0	A	I	3	4	24					48					72				
1	B	I	3	4	25					49					73				
2	C	3	I	2	26					50					74				
3	C	3	5	I	27					51					75				
4					28					52					76				
5					29					53					77				
6					30					54					78				
7					31					55					79				
8					32					56					80				
9					33					57					81				
10					34					58					82				
11					35					59					83				
12					36					60					84				
13					37					61					85				
14					38					62					86				
15					39					63					87				
16					40					64					88				
17					41					65					89				
18					42					66					90				
19					43					67					91				
20					44					68					92				
21					45					69					93				
22					46					70					94				
23					47					71					95				

Are there any changes to phase delays Yes

PROPOSED LEAVING AMBER LINKS

Link No	Link to Ped	Associated Stage or Phase	Start or End	Link Delay Time	Inhibit Release Period	Override Time
0	12/855 (12/194)	A	End	5	2	180
1	12/856 (12/208)	C	End	5	2	180
2						
3						

"Fixed Time to Current Max" to be Used as Last Mode in Priority, Unless Otherwise Stated Below

Additional Notes:

LA links to run in all modes except UTC. (Under CLF streams will run leaving amber LINK)
Latched demands to be configured that a demand from PBII puts in demand for phase H

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	Role:	Name:	Date:
(ENG) S1 Engineer:	Senior Engineer		01/11/2019
(ENG) S2 Engineer:	Safety Checker		04/11/2019

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SQA-8448 JUNCTION TRAFFIC SIGNAL DESIGN SHEET PART B

Yes

PROPOSED CLF PLANS

SQA-8448 JUNCTION TRAFFIC SIGNAL DESIGN SHEET PART A

Site Ref:12/854 (12/049)

Revision No:1

Date01/11/2019

Address:King's Road / Edith Grove

PROPOSED INTERSTAGE TABLE																
FROM	TO															
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0		2	2	2												
1	4		6	10												
2	3	x		6												
3	4	10	10													
4					2	2										
5				3		5										
6				3	8											
7							2	2								
8						3		5								
9						3	8									
10									2	2						
11								3		5						
12								3	8							
13																
14																
15																
16																

iBUS LOCAL EXTENSION TIMERS

Is EP/EC configured?

No

Are there any interstage changes?

Yes

PROPOSED UTC CONTROL / REPLY WORD																
Please mark all demand dependent stages with a #																
CONTROL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	1F1	#1F2	1F3	1F4	1F5	1F6	1TS				2F1	#2F2	2DX	3F1	#3F2	3DX
REPLY	1G1	1G2	1G3	1G4	1G5	1G6	1RT	1JL	1JD	1RF1	2G1	2G2	1RF2	3G1	3G2	
REPLY	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32

RTC SYNC TIME03:23

Are there any changes to the UTC control/reply word?

Yes

NETWORK PERFORMANCE DEPARTMENT CONSIDERATIONS

What Modelling Has Been Produced?
(Please include Hyperlink to modelling location)

Additional Information:-
Latched demands to be configured such that a demand from PB1 I puts in demand for phase H - NPD
Latched demand to be configured such that a demand from PB2 puts in a forward demand for phase L but the forward demand is only entered after the start of phase M in order to ensure that a demand is not entered for phase L before phase M has started.

	Role:	Name:	Date:
(NPD) Checker:	Senior Network Manager		
(NPD) Approver:	Principal Network Manager		