

MAXTIME OVERLAP PROGRAMMING DETAIL FOR DEFAULT PHASING

Front Panel Main Menu >Controller >Overlap >Overlap Parameters/Overlap Timings

Web Interface Home >Controller >Overlap Configuration >Overlaps

Overlap Plan 1

Table with 2 columns: Overlap, 3; Type, FYA 4 - Section; Included Phases, 6; Modifier Phases, 5; Modifier Overlaps, -; Trail Green, 0; Trail Yellow, 0.0; Trail Red, 0.0

MAXTIME ALTERNATE PHASING ACTIVATION DETAIL

To run alternate phasing, select a Pattern that is programmed to run Overlap Plan 2 and Detector Plan 2. A Pattern can be selected through the scheduler or manually by changing the Operational Mode.

Table with 3 columns: PHASING, OVERLAP PLAN, VEH DET PLAN. Rows: ACTIVE PLAN REQUIRED TO RUN DEFAULT PHASING (1, 1); ACTIVE PLAN REQUIRED TO RUN ALTERNATE PHASING (2, 2)

MAXTIME DETECTOR PROGRAMMING DETAIL FOR ALTERNATE PHASING LOOP 5A

Front Panel Main Menu >Controller >Detector >Veh Det Plans

Web Interface Home >Controller >Detector Configuration >Vehicle Detectors

In the table view of web interface right click on "Detector" in the top left corner of the table. Copy the entire contents of Detector Plan 1. Paste Detector Plan 1 into Detector Plan 2. Modify Detector Plan 2 as shown below and save changes.

Plan 2 table with 3 columns: Detector, Call Phase, Delay. Row 1: 15, 5, 3.0; Row 2: 31, 0, 0.0

MAXTIME OVERLAP PROGRAMMING DETAIL FOR ALTERNATE PHASING

Front Panel Main Menu >Controller >Overlap >Overlap Parameters/Overlap Timings

Web Interface Home >Controller >Overlap Configuration >Overlaps

In the table view of the web interface, right click on "Overlap" in the top left corner of the table. Copy the entire contents of Overlap Plan 1. Paste Overlap Plan 1 into Overlap Plan 2. Modify Overlap Plan 2 as shown below and save changes.

Overlap Plan 2

Table with 2 columns: Overlap, 3; Type, FYA 4 - Section; Included Phases, -; Modifier Phases, 5; Modifier Overlaps, -; Trail Green, 0; Trail Yellow, 0.0; Trail Red, 0.0

NOTICE INCLUDED PHASE

ALTERNATE PHASING CHANGE SUMMARY

THE FOLLOWING IS A SUMMARY OF WHAT TAKES PLACE WHEN OVERLAP PLAN 2 AND VEHICLE DETECTOR PLAN 2 ACTIVATE TO CALL THE "ALTERNATE PHASING":

OVERLAP PLAN 2: Modifies overlap included phases for head 51 to run protected turns only.

VEH DET PLAN 2: Disables phase 2 call on loop 5A and reduces delay time for phase 5 call on loop 5A to 3 seconds.

MAXTIME ALTERNATE PHASING PATTERN PROGRAMMING DETAIL

Front Panel Main Menu >Controller >Coordination >Patterns

Web Interface Home >Controller >Coordination >Patterns

Pattern Parameters

Table with 3 columns: Pattern, Veh Det Plan, Overlap Plan. Row 1: *, 2, 2

* The Pattern number(s) are to be determined by the Division and/or City Traffic Engineer.

FYA SIGNAL OUTPUT REMAPPING ASSIGNMENT PROGRAMMING DETAIL FOR SIGNAL HEAD 51

Front Panel Main Menu >Controller >More >Advanced IO >Output Points

Web Interface Home >Controller >Advanced IO >Cabinet Configuration >Output Points

IO Module 1

Table with 4 columns: Output Point, Description, Output Control Type, Index. Rows: 33, C1-35, Not Active, 13; 34, C1-36, Phase Green, 5; 35, C1-37, Not Active, 14; 36, C1-38, Not Active, 16

NOTICE OUTPUT POINT 34 CONTROL TYPE & INDEX REASSIGNMENT

OUTPUT CHANNEL CONFIGURATION

Front Panel Main Menu >Controller >More>Channels>Channels Config

Web Interface Home >Controller >Advanced IO>Channels>Channels Configuration

Channel Configuration

Table with 7 columns: Channel, Control Type, Control Source, Flash Yellow, Flash Red, Flash Alt, MMU Channel. Rows 1-18

NOTE OVERLAP 3

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 05-2126 DESIGNED: February 2024 SEALED: 03/14/2024 REVISED: N/A

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Electrical Detail - Sheet 2 of 2

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NC 56 at I-85 NB Ramps project information including dates and names.

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