

STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION

Petition for permission to make a major change in crossing protection, or to install new protection under 92 Illinois Administrative Code 1535.400 (d)

Date: November 3, 2015

To the Illinois Commerce Commission:

The petitioner **Union Pacific Railroad** shows

- (1) That it is a railroad company operating a line of railroad in the State of Illinois.
- (2) That petitioner proposes and hereby makes application for authority to make a major change in crossing protection, or to install new protection, under 92 Illinois Administrative Code 1535.400 (d) adopted by this Commission.
- (3) That the location of the crossing, the nature of protection now established and proposed to be established, and other pertinent facts in connection therewith, are set forth in the statement attached to and forming part of this petition.
- (4) That petitioner's reasons and purpose, with reference to its said proposal are

Reuse existing Cantilevers and install new circuitry ,flashing LED Signals and Gates

- (5) That the facts set forth in this petition and in the statement and plans or plats attached thereto, are, all of them, true and correct to the best of petitioner's knowledge and belief.

WHEREFORE, the petitioner prays that the Commission will, if deemed desirable by the Commission, set the aforesaid matter for hearing, and that the Commission enter an order or adopt a resolution consenting to and granting authority for the making of the said proposed changes in or additions to crossing protection.

Union pacific Railroad

By

Richard Ellison

**Richard Ellison
Public project Coordinato)
708 649 5214**

(Attorney for Petitioner)

(Use Enter key for up to four additional lines.)

(Attorney's Address)

Statement, attached to and part of an application for permission to make a major change in crossing protection or to install new protection, under 92 Ill. Adm. Code 1535.400(d).

1. Name of Railroad Company Union Pacific
2. Crossing Number DOT 846963J
3. Village or City Granite City
4. Name of Street or Highway IL route 162
5. Public Agency Maintaining Highway Madison County
6. Protection now established: (Give full description. Indicate the hours of any manual protection.)
Cantilevers flashing lights
7. Protection desired: (Give details)
Reuse existing cantilevers light and install gates and constant warning time with prime warning time of 42 Seconds.
8. Number of main tracks 1 Other tracks 1
9. Number of passenger train movements: 6 a.m. to 6 p.m. 0 6 p.m. to 6 a.m. 0
10. Number of freight train movements: 6 a.m. to 6 p.m. 2 6 p.m. to 6 a.m. 0
11. Approximate number of switch movements: 6 a.m. to 6 p.m. 1 6 p.m. to 6 a.m. 4
12. Maximum speed of trains at crossing on each track in each direction
Track 1 N/E Bound 30 mph S/W Bound 30 mph
Track 2 N/E Bound 40 mph S/W Bound 40 mph
Track 3 N/E Bound _____ mph S/W Bound _____ mph
13. Passenger platforms served by tracks within the limits of track circuits, if any NA
14. Where automatic signals or gates are proposed, approximately number of train or engine movements daily which would cause false indications or operation NA

15. Nature and approximate amount of street or highway traffic over crossing

12400

16. In addition to the information listed hereinbefore in Form 3, attach a track plan or plat of the proposed crossing. This plan should show:

- (a) Width and surface of highway.
- (b) Highway intersections (including private driveways to be so indicated) and location of established highway signs or signals within 100 feet of crossing.
- (c) Location of tracks, switches and other railroad facilities such as block signals, etc. within limits of track circuits, present and/or proposed.
- (d) Where automatic protection is proposed, show proposed location of signals (sidelights, cantilevers, etc., if any).
- (e) Show the length of each operation track section within the control limits of the crossing protection and its function.

ADDITIONAL INFORMATION

VERIFICATION

I, Richard Ellison), first being duly sworn upon oath depose and say that I am Public project Coordinator) of Union Pacific Railroad, an Illinois corporation; that I have read the above and foregoing petition by me subscribed and know the contents thereof; that said contents are true in substance and in fact, except as to those matters stated upon information and belief, and as to those, I believe same to be true.

Richard Ellison

Richard Ellison
Public project Coordinator)

15

908+74

16

959+25

963+74 XING

966+22 P.S.

975+37 P.S.

MAIN 1

MAIN 2

285
NBS

211
NBS

DAX TO IL ROUTE 162

SW. PT. IND.

AA SIDING SOUTH

GCP

GCP

GCP

GCP

IL ROUTE 162
M.P. 16.09

25+5+17(C.T.)

SW. PT. IND.

SW. #15

421

-0.08

413

0.00

413

0.27

2' 00'

2' 00'

2' 00'

Revised: 0
 REUSE EXISTING
 BUNGALOW, CANT
 & INSTALL CONS
 WARNING AT IL
 M.P. 16.09 &
 M.P. 13.79
 Rec*: WO*:
 IS: /PRS/PI

975+37 P.S.

1009+66 P.S.
1009+93 P.S.
1012+04

17

1015+75 P.S.

1020+91 P.S.

1025+31 P.S.

1027+67 XING

1029+78 P.S.

1037+31 P.S.

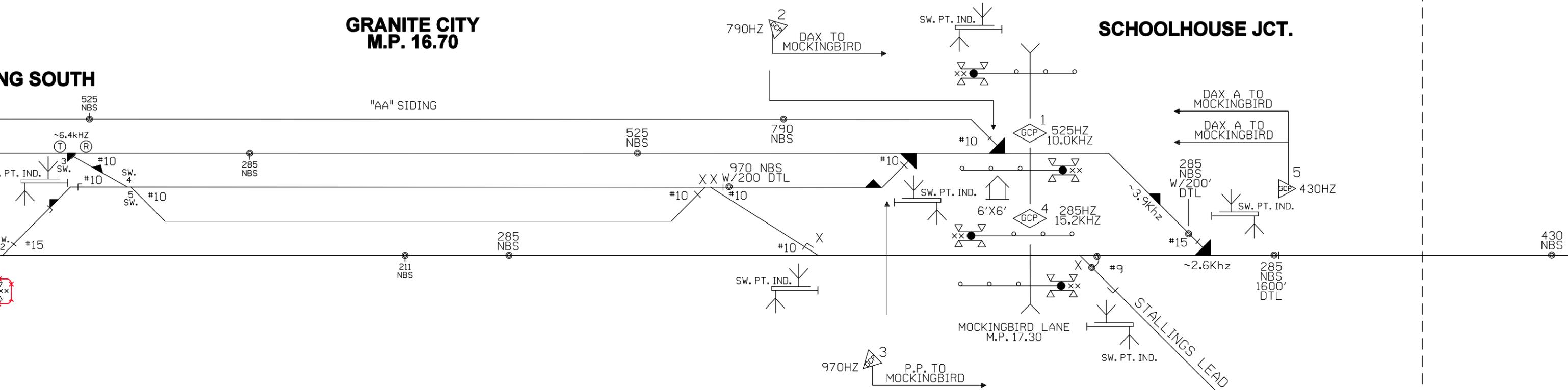
GRANITE CITY
M.P. 16.70

AA SIDING NORTH

SCHOOLHOUSE JCT.

NG SOUTH

"AA" SIDING



— = IN
 - - - = OUT
 PRS/JAN

Revised: 03/01/15
 REUSE EXISTING 6'X6'
 BUNGALOW, CANT/FLS
 & INSTALL CONSTANT
 WARNING AT IL 162
 M.P. 16.09 &
 M.P. 13.79
 Rec#: WO#: 12881 /JPW
 IS: /PRS/PRS/JTB

Designed: 03/02/15
 INSTALL FLS/GATES,
 CANTS & CWT AT
 IL ROUTE 162
 M.P. 16.09
 Rec#: WO#: 27156 /NDR
 IS: /PRS/JTB

421

-0.09

419

2'00'

0.00

5'00'

419

0.

15

16

17

908+74

959+25

963+74 XING

966+22 P.S.

975+37 P.S.

1009+66 P.S.

1009+93 P.S.

1012+04

1015+75 P.S.

1020+91 P.S.

1025+31 P.S.

1027+67 XING

1029+78 P.S.

1037+31 P.S.

AA SIDING NORTH

SCHOOLHOUSE JCT.

GRANITE CITY
M.P. 16.70

AA SIDING SOUTH

MAIN 1

MAIN 2

IL ROUTE 162
M.P. 16.09

25+5+17 (C.T.)

25+5+15 (C.T.)

— = IN
- - - = OUT
PRS/JAN

Revised: 03/01/15	Designed: 03/02/15
REUSE EXISTING 6'X6'	INSTALL FLS/GATES,
BUNGALOW, CANT/FLS	CANTS & CWT AT
& INSTALL CONSTANT	IL ROUTE 162
WARNING AT IL 162	M.P. 16.09
M.P. 16.09 &	
M.P. 13.79	
Rec#: W0#: 12881	Rec#: W0#: 27156
IS: J/PW	IS: ANDR
/PRS/PRS/JTB	/PRS/JTB

-0.08

413

0.00

413

0.27

421

-0.09

419

0.00

2'00'

2'00'

2'00'

2'00'

5'00'

DAX TO IL ROUTE 162

790HZ

SW. PT. IND.

DAX A TO MOCKINGBIRD

SW. PT. IND.

525 NBS

285 NBS

285 NBS

211 NBS

285 NBS

Minimum Program Steps Report

Location and SIN

DOT Number: 846963J
Milepost Number: M.P. 16.09
Site Name: GRANITE CITY, IL

SIN: 762010010016 *

* Parameter is part of office check number calculation.

MCF and Template Selection

MCF Name: GCP-T6X-02-6.mcf
MCF Revision: 26
MCFCRC: 494D2656

Template = 2A:4 Bi, 2 Rem (OCCN) *

* Parameter is part of office check number calculation.

Minimum Program Steps

MS4000 configuration

Track 1 : GCP Frequency = 285 Hz (OCCN,TCN) (Hidden) *
Track 1 : Prime UAX = IP (OCCN) (Hidden) *
Track 1 : Prime UAX Pickup = 15 sec (OCCN) (Hidden) *
Track 1 : Isl Frequency = 15.2 kHz (OCCN) (Hidden) *
Track 1 : Pickup Delay (2s +) = 2 sec (OCCN) (Hidden) *
IN 1.2 = Out Of Service IP 1 (OCCN) (Hidden) *

MS4000 Predictor

Track 1 : Prime Warning Time = 42 sec (OCCN) (Hidden) *

BASIC: module configuration

Track 3/PSO 2 Slot = Track (OCCN) *

PREDICTORS: track 2

Track 2 : Prime Used = No (OCCN) *
Track 2 : Dax A Used = Yes (OCCN) *

GCP: track 1

Track 1 : GCP Frequency = 285 Hz (OCCN,TCN) *
Track 1 : Approach Distance = 2069 ft (OCCN,TCN) *
Track 1 : Island Distance = 152 ft (Set in Field,TCN)

GCP: track 1 prime

Track 1 : Prime Warning Time = 42 sec (OCCN) *
Track 1 : Prime UAX = IP (OCCN) *
Track 1 : Prime UAX Pickup = 15 sec (OCCN) *

GCP: track 2

Track 2 : GCP Frequency = 525 Hz (OCCN,TCN) *

Track 2 : Approach Distance = 1000 ft (OCCN,TCN) *

GCP: track 2 Dax A

Track 2 : Dax A Warning Time = 42 sec (OCCN) *

Track 2 : Dax A Offset Distance = 205 ft (OCCN) *

GCP: track 3

Track 3 : GCP Frequency = 211 Hz (OCCN,TCN) *

Track 3 : Approach Distance = 2758 ft (OCCN,TCN) *

Track 3 : Island Distance = 152 ft (Set in Field,TCN)

GCP: track 3 prime

Track 3 : Prime Warning Time = 42 sec (OCCN) *

ISLAND: track 1

Track 1 : Isl Frequency = 15.2 kHz (OCCN) *

Track 1 : Pickup Delay (2s +) = 2 sec (OCCN) *

ISLAND: track 3

Track 3 : Isl Frequency = 10.0 kHz (OCCN) *

Track 3 : Pickup Delay (2s +) = 2 sec (OCCN) *

AND: AND 1 XR

AND 1 XR Track 2 = Dax A (OCCN) *

AND 1 Enable Used = Yes (OCCN) *

ADVANCED: out of service

OOS Control = OOS IPs (OCCN) *

ADVANCED: internal I/O 1

Int.1 Sets = T1 Prime UAX (OCCN) *

Int.1 Set by = T2 Dax A (OCCN) *

INPUT: assignment page 1

IN 1.2 = Out Of Service IP 1 (OCCN) *

IN 2.2 = Out Of Service IP 3 (OCCN) *

IO: assignment SSCC

IN 7.1 = AND 1 XR Enable (OCCN) *

Express: MS4000 configuration

Track 1 : GCP Frequency = 285 Hz (OCCN,TCN) (Hidden) *

Track 1 : Prime UAX = IP (OCCN) (Hidden) *

Track 1 : Prime UAX Pickup = 15 sec (OCCN) (Hidden) *

Track 1 : Pickup Delay (2s +) = 2 sec (OCCN) (Hidden) *

IN 1.2 = Out Of Service IP 1 (OCCN) (Hidden) *

Express: MS4000 Predictor

Track 1 : Prime Warning Time = 42 sec (OCCN) (Hidden) *

* Parameter is part of office check number calculation.

Check Numbers

Office Check Number: 279C2CF1
Config. Check Number: 1B90E8A7
(Based on MCF Revision 26)

Parameters not part of office check number calculation:

Track 1 : Island Distance = 152 ft (Set in Field)
Track 3 : Island Distance = 152 ft (Set in Field)

Comments

<none>

Configuration Package File

Filename: 32021609_846963J.pac
Path: H:\01-Xing\up150023-Alton Southern Gateway-IL Route 162\GCP Programs\M.P. 16.09\
Date/Time: 6/10/2015 10:00:22
DT Version: 5.7.3

Program Report

Location and SIN

DOT Number: 846963J
Milepost Number: M.P. 16.09
Site Name: GRANITE CITY, IL

SIN: 762010010016

MCF and Template Selection

MCF Name: GCP-T6X-02-6.mcf
MCF Revision: 26
MCFCRC: 494D2656

Template = 2A:4 Bi, 2 Rem (OCCN)

Check Numbers

Office Check Number: 279C2CF1
Config. Check Number: 1B90E8A7
(Based on MCF Revision 26)

Program

BASIC: module configuration
Chassis Type = Dual Six Track (OCCN)
Track 1/PSO 1 Slot = Track (OCCN)
Track 2/RIO 1 Slot = Track (OCCN)
Track 3/PSO 2 Slot = Track (OCCN)
Track 4/PSO 3 Slot = Not Used (OCCN)
Track 5/RIO 2 Slot = Not Used (OCCN)
Track 6/RIO 3 Slot = Not Used (OCCN)
SSCC-1 Slot = SSCC3i (OCCN)
SSCC-2 Slot = SSCC3i (OCCN)
SEAR Used = Yes (OCCN)

BASIC: MS/GCP operation
Track 1 : MS/GCP Operation = Yes (OCCN)
Track 2 : MS/GCP Operation = Yes (OCCN)
Track 3 : MS/GCP Operation = Yes (OCCN)

BASIC: island operation
Track 1 : Island Used = Internal (OCCN)
Track 2 : Island Used = No (OCCN)
Track 3 : Island Used = Internal (OCCN)

BASIC: preemption
Preempt Logic = No (OCCN)

BASIC: radio Dax links

Radio DAX link A Used = No (OCCN)

Radio DAX link B Used = No (OCCN)

BASIC: Vital Comms links

Vital Comms link 1 Used = No (OCCN)

Vital Comms link 2 Used = No (OCCN)

PREDICTORS: track 1

Track 1 : Prime Used = Yes (OCCN)

Track 1 : Dax A Used = No (OCCN)

Track 1 : Dax B Used = No (OCCN)

Track 1 : Dax C Used = No (OCCN)

Track 1 : Dax D Used = No (OCCN)

Track 1 : Dax E Used = No (OCCN)

Track 1 : Dax F Used = No (OCCN)

Track 1 : Dax G Used = No (OCCN)

PREDICTORS: track 2

Track 2 : Prime Used = No (OCCN)

Track 2 : Dax A Used = Yes (OCCN)

Track 2 : Dax B Used = No (OCCN)

Track 2 : Dax C Used = No (OCCN)

Track 2 : Dax D Used = No (OCCN)

Track 2 : Dax E Used = No (OCCN)

Track 2 : Dax F Used = No (OCCN)

Track 2 : Dax G Used = No (OCCN)

PREDICTORS: track 3

Track 3 : Prime Used = Yes (OCCN)

Track 3 : Dax A Used = No (OCCN)

Track 3 : Dax B Used = No (OCCN)

Track 3 : Dax C Used = No (OCCN)

Track 3 : Dax D Used = No (OCCN)

Track 3 : Dax E Used = No (OCCN)

Track 3 : Dax F Used = No (OCCN)

Track 3 : Dax G Used = No (OCCN)

GCP: track 1

Track 1 : GCP Freq Category = Standard (Field)

Track 1 : GCP Frequency = 285 Hz (OCCN,TCN)

Track 1 : Approach Distance = 2069 ft (OCCN,TCN)

Track 1 : Uni/Bi/Sim-Bidirnl = Bidirnl (OCCN,TCN)

Track 1 : GCP Transmit Level = Medium (Field,TCN)

Track 1 : Island Connection = Isl 1 (OCCN)

Track 1 : Directionally Wired = No (OCCN)

Track 1 : Island Distance = 152 ft (Field,TCN)

Track 1 : Computed Distance = 9999 ft (Field,TCN)

Track 1 : Linearization Steps = 100 (Field,TCN)

GCP: track 1 enhanced det

Track 1 : Inbound PS Sensitivity = High (Field)

Track 1 : Speed Limiting Used = Yes (Field)

Track 1 : Outbound False Act Lvl = Normal (Field)

Track 1 : Outbound PS Timer = 20 sec (Field)
Track 1 : Trailing Switch Logic = On (Field)
Track 1 : Post Joint Detn Time = 15 sec (OCCN)
Track 1 : Adv Appr Predn = No (OCCN)
Track 1 : Cancel Pickup Delay = This Isl (OCCN)

GCP: track 1 BIDAX RX
Track 1 : BIDAX To RX Appr = Not Used (OCCN)

GCP: track 1 BIDAX TX
Track 1 : BIDAX To TX Appr = Not Used (OCCN)

GCP: track 1 prime
Track 1 : Prime Warning Time = 42 sec (OCCN)
Track 1 : Prime Offset Distance = 0 ft (OCCN)
Track 1 : Switch MS EZ Level = 10 (OCCN)
Track 1 : Prime MS/GCP Mode = Pred (OCCN)
Track 1 : Prime Pickup Delay = 15 sec (OCCN)
Track 1 : Prime UAX = IP (OCCN)
Track 1 : Prime UAX Pickup = 15 sec (OCCN)

GCP: track 1 pos start
Track 1 : Positive Start = Off (OCCN)
Track 1 : Sudden Shnt Det Used = No (OCCN)
Track 1 : Low EZ Detection Used = No (OCCN)

GCP: track 1 MS Control
Track 1 : MS/GCP Ctrl IP Used = No (OCCN)
Track 1 : MS Sensitivity Level = 0 (Field)
Track 1 : Compensation Level = 1300 (Field,TCN)
Track 1 : Warn Time-Ballast Comp = High (Field,TCN)
Track 1 : Low EX Adjustment = 39 (Field)
Track 1 : Bidirn Dax Passthru = No (OCCN)
Track 1 : False Act on Train Stop = No (Field)
Track 1 : EX Limiting Used = Yes (Field)
Track 1 : EZ Correction Used = Yes (Field)

GCP: track 2
Track 2 : GCP Freq Category = Standard (Field)
Track 2 : GCP Frequency = 525 Hz (OCCN,TCN)
Track 2 : Approach Distance = 1000 ft (OCCN,TCN)
Track 2 : Uni/Bi/Sim-Bidirnl = Unidirnl (OCCN,TCN)
Track 2 : GCP Transmit Level = Medium (Field,TCN)
Track 2 : Island Connection = No Islands (OCCN)
Track 2 : Directionally Wired = No (OCCN)
Track 2 : Island Distance = 0 ft (Field,TCN)
Track 2 : Computed Distance = 9999 ft (Field,TCN)
Track 2 : Linearization Steps = 100 (Field,TCN)

GCP: track 2 enhanced det
Track 2 : Inbound PS Sensitivity = High (Field)
Track 2 : Speed Limiting Used = Yes (Field)
Track 2 : Outbound False Act Lvl = Normal (Field)
Track 2 : Outbound PS Timer = 20 sec (Field)

Track 2 : Trailing Switch Logic = On (Field)
Track 2 : Post Joint Detn Time = 15 sec (OCCN)
Track 2 : Adv Appr Predn = No (OCCN)
Track 2 : Cancel Pickup Delay = This Isl (OCCN)

GCP: track 2 BIDAX RX
Track 2 : BIDAX To RX Appr = Not Used (OCCN)

GCP: track 2 BIDAX TX
Track 2 : BIDAX To TX Appr = Not Used (OCCN)

GCP: track 2 Dax A
Track 2 : Dax A Warning Time = 42 sec (OCCN)
Track 2 : Dax A Offset Distance = 205 ft (OCCN)
Track 2 : Switch MS EZ Level = 0 (OCCN)
Track 2 : Pickup Delay Mode = Auto (OCCN)
Track 2 : Dax A MS/GCP Mode = Pred (OCCN)
Track 2 : Dax A Pickup Delay = 15 sec (OCCN)
Track 2 : Dax A Enable = Not Used (OCCN)

GCP: track 2 pos start
Track 2 : Positive Start = Off (OCCN)
Track 2 : Sudden Shnt Det Used = No (OCCN)
Track 2 : Low EZ Detection Used = No (OCCN)

GCP: track 2 MS Control
Track 2 : MS/GCP Ctrl IP Used = No (OCCN)
Track 2 : MS Sensitivity Level = 0 (Field)
Track 2 : Compensation Level = 1300 (Field,TCN)
Track 2 : Warn Time-Ballast Comp = Low (Field,TCN)
Track 2 : Low EX Adjustment = 39 (Field)
Track 2 : Bidirn Dax Passthru = No (OCCN)
Track 2 : False Act on Train Stop = No (Field)
Track 2 : EX Limiting Used = Yes (Field)
Track 2 : EZ Correction Used = Yes (Field)

GCP: track 3
Track 3 : GCP Freq Category = Standard (Field)
Track 3 : GCP Frequency = 211 Hz (OCCN,TCN)
Track 3 : Approach Distance = 2758 ft (OCCN,TCN)
Track 3 : Uni/Bi/Sim-Bidirnl = Bidirnl (OCCN,TCN)
Track 3 : GCP Transmit Level = Medium (Field,TCN)
Track 3 : Island Connection = Isl 3 (OCCN)
Track 3 : Directionally Wired = No (OCCN)
Track 3 : Island Distance = 152 ft (Field,TCN)
Track 3 : Computed Distance = 9999 ft (Field,TCN)
Track 3 : Linearization Steps = 100 (Field,TCN)

GCP: track 3 enhanced det
Track 3 : Inbound PS Sensitivity = High (Field)
Track 3 : Speed Limiting Used = Yes (Field)
Track 3 : Outbound False Act Lvl = Normal (Field)
Track 3 : Outbound PS Timer = 20 sec (Field)
Track 3 : Trailing Switch Logic = On (Field)

Track 3 : Post Joint Detn Time = 15 sec (OCCN)
Track 3 : Adv Appr Predn = No (OCCN)
Track 3 : Cancel Pickup Delay = This Isl (OCCN)

GCP: track 3 BIDAX RX
Track 3 : BIDAX To RX Appr = Not Used (OCCN)

GCP: track 3 BIDAX TX
Track 3 : BIDAX To TX Appr = Not Used (OCCN)

GCP: track 3 prime
Track 3 : Prime Warning Time = 42 sec (OCCN)
Track 3 : Prime Offset Distance = 0 ft (OCCN)
Track 3 : Switch MS EZ Level = 10 (OCCN)
Track 3 : Prime MS/GCP Mode = Pred (OCCN)
Track 3 : Prime Pickup Delay = 15 sec (OCCN)
Track 3 : Prime UAX = Not Used (OCCN)

GCP: track 3 pos start
Track 3 : Positive Start = Off (OCCN)
Track 3 : Sudden Shnt Det Used = No (OCCN)
Track 3 : Low EZ Detection Used = No (OCCN)

GCP: track 3 MS Control
Track 3 : MS/GCP Ctrl IP Used = No (OCCN)
Track 3 : MS Sensitivity Level = 0 (Field)
Track 3 : Compensation Level = 1300 (Field,TCN)
Track 3 : Warn Time-Ballast Comp = High (Field,TCN)
Track 3 : Low EX Adjustment = 39 (Field)
Track 3 : Bidirn Dax Passthru = No (OCCN)
Track 3 : False Act on Train Stop = No (Field)
Track 3 : EX Limiting Used = Yes (Field)
Track 3 : EZ Correction Used = Yes (Field)

ISLAND: track 1
Track 1 : Isl Frequency = 15.2 kHz (OCCN)
Track 1 : Pickup Delay (2s +) = 2 sec (OCCN)
Track 1 : Isl Enable IP Used = No (OCCN)

ISLAND: track 3
Track 3 : Isl Frequency = 10.0 kHz (OCCN)
Track 3 : Pickup Delay (2s +) = 2 sec (OCCN)
Track 3 : Isl Enable IP Used = No (OCCN)

AND: track Anding
AND 1 XR Used = Yes (OCCN)
AND 2 Used = No (OCCN)
AND 3 Used = No (OCCN)
AND 4 Used = No (OCCN)
AND 5 Used = No (OCCN)
AND 6 Used = No (OCCN)
AND 7 Used = No (OCCN)
AND 8 Used = No (OCCN)

AND: AND 1 XR

AND 1 XR Track 1 = Prime (OCCN)
AND 1 XR Track 2 = Dax A (OCCN)
AND 1 XR Track 3 = Prime (OCCN)
AND 1 Enable Used = Yes (OCCN)
And 1 Enable Pickup = 5 sec (OCCN)
AND 1 Enable Drop = 0 sec (OCCN)
AND 1 Wrap Used = No (OCCN)

ADVANCED: MS restart

MS/GCP Restart Used = No (OCCN)

ADVANCED: out of service

OOS Control = OOS IPs (OCCN)

ADVANCED: out of service 2

T1 OOS Control = OOS Input 1 (OCCN)
T2 OOS Control = OOS Input 2 (OCCN)
T3 OOS Control = OOS Input 3 (OCCN)
T1 OOS Controls = GCP and Island (OCCN)
T2 OOS Controls = GCP Only (OCCN)
T3 OOS Controls = GCP and Island (OCCN)

ADVANCED: track wrap circuits

Wrap LOS Timer = 5 sec (OCCN)
Track 1 Wrap Used = No (OCCN)
Track 2 Wrap Used = No (OCCN)
Track 3 Wrap Used = No (OCCN)

ADVANCED: trk 1 overrides

Track 1 : All Predictors Override Used = No (OCCN)

ADVANCED: trk 2 overrides

Track 2 : All Predictors Override Used = No (OCCN)
Track 2 : Dax A Override Used = No (OCCN)

ADVANCED: trk 3 overrides

Track 3 : All Predictors Override Used = No (OCCN)

ADVANCED: OR logic

OR 1 Used = No (OCCN)
OR 2 Used = No (OCCN)
OR 3 Used = No (OCCN)
OR 4 Used = No (OCCN)

ADVANCED: internal I/O 1

Pass Thrus = No (OCCN)
Int.1 Sets = T1 Prime UAX (OCCN)
Int.1 Set by = T2 Dax A (OCCN)
Int.2 Sets = Not Used (OCCN)
Int.2 Set by = Not Used (OCCN)
Int.3 Sets = Not Used (OCCN)
Int.3 Set by = Not Used (OCCN)
Int.4 Sets = Not Used (OCCN)

Int.4 Set by = Not Used (OCCN)

ADVANCED: internal I/O 2

Int.5 Sets = Not Used (OCCN)

Int.5 Set by = Not Used (OCCN)

Int.6 Sets = Not Used (OCCN)

Int.6 Set by = Not Used (OCCN)

Int.7 Sets = Not Used (OCCN)

Int.7 Set by = Not Used (OCCN)

Int.8 Sets = Not Used (OCCN)

Int.8 Set by = Not Used (OCCN)

ADVANCED: internal I/O 3

Int.9 Sets = Not Used (OCCN)

Int.9 Set by = Not Used (OCCN)

Int.10 Sets = Not Used (OCCN)

Int.10 Set by = Not Used (OCCN)

Int.11 Sets = Not Used (OCCN)

Int.11 Set by = Not Used (OCCN)

Int.12 Sets = Not Used (OCCN)

Int.12 Set by = Not Used (OCCN)

ADVANCED: internal I/O 4

Int.13 Sets = Not Used (OCCN)

Int.13 Set by = Not Used (OCCN)

Int.14 Sets = Not Used (OCCN)

Int.14 Set by = Not Used (OCCN)

Int.15 Sets = Not Used (OCCN)

Int.15 Set by = Not Used (OCCN)

Int.16 Sets = Not Used (OCCN)

Int.16 Set by = Not Used (OCCN)

ADVANCED: site options

Daylight Savings = Off (Field)

Units = Standard (OCCN)

Maint Call Rpt IP Used = No (OCCN)

Emergency Activate IP = No (OCCN)

EZ/EX Logging = Change (Field)

EZ/EX Point Change = 3 (Field)

SSCC

Gates Used = Yes (OCCN)

SSCC1+2 GPs Coupled = Yes (OCCN)

Min Activation = 0 sec (OCCN)

Rmt Activation Cancel = 2 min (OCCN)

Bell On Gate Rising = No (OCCN)

Mute Bell On Gate Down = No (OCCN)

SSCCIV Controller Used = No (OCCN)

SSCC: 1

SSCC-1 Activation = AND 1 XR (OCCN)

SSCC-1 Gate Delay = 4 sec (OCCN)

SSCC-1 Number of GPs = 1 (OCCN)

SSCC-1 Number of GDs = 2 (OCCN)

SSCC 1 : Flash Rate = 50 (OCCN)
SSCC 1 : Low Battery Detection = No (Field)
SSCC 1 : Flash Sync = master (OCCN)
SSCC 1 : Invert Gate Output = No (OCCN)
SSCC 1 : Lamp Neutral Test = Off (OCCN)
Aux-1 Xng Ctrl Used = No (OCCN)

SSCC: 2
SSCC-2 Activation = AND 1 XR (OCCN)
SSCC-2 Gate Delay = 4 sec (OCCN)
SSCC-2 Number of GPs = 0 (OCCN)
SSCC-2 Number of GDs = 0 (OCCN)
SSCC 2 : Flash Rate = 50 (OCCN)
SSCC 2 : Low Battery Detection = No (Field)
SSCC 2 : Flash Sync = slave (OCCN)
SSCC 2 : Invert Gate Output = No (OCCN)
SSCC 2 : Lamp Neutral Test = Off (OCCN)
Aux-2 Xng Ctrl Used = No (OCCN)

OUTPUT: assignment page 1
OUT 1.1 = Not Used (OCCN)
OUT 1.2 = Not Used (OCCN)
OUT 2.1 = Not Used (OCCN)
OUT 2.2 = Not Used (OCCN)
OUT 3.1 = Not Used (OCCN)
OUT 3.2 = Not Used (OCCN)

INPUT: assignment page 1
IN 1.1 = Not Used (OCCN)
IN 1.2 = Out Of Service IP 1 (OCCN)
IN 2.1 = Not Used (OCCN)
IN 2.2 = Out Of Service IP 3 (OCCN)
IN 3.1 = Not Used (OCCN)
IN 3.2 = Not Used (OCCN)

IO: assignment SSCC
OUT GC 1 = Gate Output 1 (OCCN)
OUT GC 2 = Gate Output 2 (OCCN)
IN 7.1 = AND 1 XR Enable (OCCN)
IN 7.2 = GD 1.2 (OCCN)
IN 7.3 = Not Used (OCCN)
IN 7.4 = GD 1.1 (OCCN)
IN 7.5 = GP 1.1 (OCCN)
IN 8.1 = Not Used (OCCN)
IN 8.2 = Not Used (OCCN)
IN 8.3 = Not Used (OCCN)
IN 8.4 = Not Used (OCCN)
IN 8.5 = Not Used (OCCN)

SEAR
SEAR Subnode = 99 (OCCN)
DI 1 = Not Used (OCCN)
DI 2 = Not Used (OCCN)
Rly 1 = Not Used (OCCN)

Rly 2 = Not Used (OCCN)

SEAR: inputs

SP 2.1 = POK 1 (OCCN)

SP 3.1 = Not Used (OCCN)

SP 4.1 = Not Used (OCCN)

SP 5.1 = Not Used (OCCN)

SP 6.1 = Not Used (OCCN)

SEAR: slot 1-4 inputs

IN 1.1 = Not Used (OCCN)

IN 2.1 = Not Used (OCCN)

IN 3.1 = Not Used (OCCN)

IN 3.2 = Not Used (OCCN)

IN 4.1 = Not Used (OCCN)

IN 4.2 = Not Used (OCCN)

SEAR: inputs slot 5

IN 5.1 = Not Used (OCCN)

IN 5.2 = Not Used (OCCN)

SEAR: inputs slot 6

IN 6.1 = Not Used (OCCN)

IN 6.2 = Not Used (OCCN)

SEAR: slot 7-8 inputs

IN 7.3 = Not Used (OCCN)

IN 8.1 = Not Used (OCCN)

IN 8.2 = Not Used (OCCN)

IN 8.3 = Not Used (OCCN)

IN 8.4 = Not Used (OCCN)

IN 8.5 = Not Used (OCCN)

SITE: programming

Radio Subnode = 1 (Field)

Field Password = Off (OCCN)

Low Battery Enabled = Off (Field)

Configuration Package File

Filename: 32021609_846963J.pac

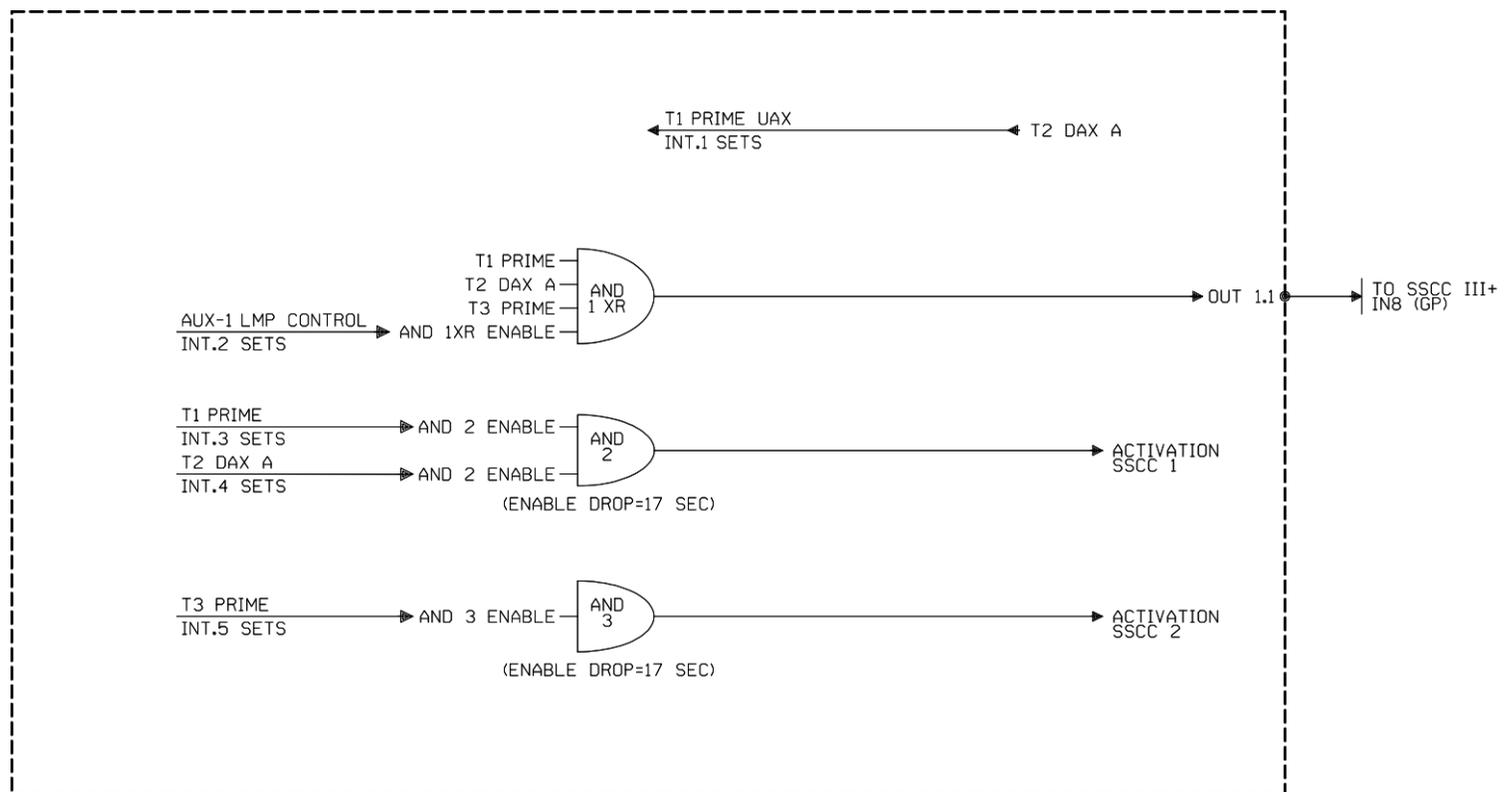
Path: H:\01-Xing\up150023-Alton Southern Gateway-IL Route 162\GCP Programs\M.P. 16.09\

Date/Time: 6/10/2015 10:00:22

DT Version: 5.7.3

← TO GATEWAY YARD

TO MITCHELL →



W(S) ← ○ → E(N)

ALTON & SOUTHERN GATEWAY SUBDIVISION:
 M.P.: 16.09
 DOT: 846963J
 GRANITE CITY INDUSTRIAL LEAD:
 M.P.: 13.79
 DOT: 175260C

NEW SHEET

Designed: 10/29/12
 REUSE EXISTING 8'x6'
 BUNGALOW, CANT/FLS
 & INSTALL CONSTANT
 WARNING AT IL 162
 M.P. 16.09 &
 M.P. 13.79
 Rec'd: 12881 JPW
 12881 /PRS/JTB

CIRCUIT
 MODIFICATIONS
 ARE NOT TO BE
 MADE WITHOUT
 AUTHORITY FROM
 THE OFFICE OF
 SIGNAL DESIGN

Date: 10/29/12
 Des: PRS
 Chk: JPW
 AFE: 12881

UNION PACIFIC RAILROAD
 DAX CHART
 GRANITE CITY, ILLINOIS
 SEE NOTE FOR SUBDIVISIONS

Sh.: DAX
 From M.P. 16.09
 To M.P. 16.09
 ID: 32021609.DAX