UNION PACIFIC RAILROAD

2022 COMPLETE TE&Y Rules Training Packet

****** THIS WILL BE ALL YOU NEED TO PRINT ******

****** ALL DOCUMENTS REQUIRED FOR CLASS ARE IN THIS DOCUMENT ******

This document contains the following items and is required to answer the questions in the study guide:

- **2022 Training Paperwork**
  - **Train List A - before pick-up at Evanston**
  - **Train List B - after pick-up at Evanston**
  - **Track Bulletins**
  - **TWC Track Warrants**
  - **Subdivision General Orders**
- **2022 Training Timetable**
- **2022 Maps**
- **2022 TE&Y Study Guide**
- **2022 HazMat Study Guide**

UNION PACIFIC RAILROAD

2022 Training Paperwork

****** TO BE USED WITH 2022 STUDY GUIDE ******

This document contains the following items and is required to answer the questions in the study guide:

- **Train Lists**
- **Track Bulletins**
- **Track Warrants**
- **Subdivision General Orders**:
    - Orange Subdivision
    - Rose Subdivision
    - Sugar Subdivision
    - Fiesta Subdivision
    - Iowa Subdivision
- **Training Timetable**
- **Training Maps**

TRAIN LIST A - BEFORE PICK-UP AT EVANSTON

U N I O N P A C I F I C R A I L R O A D C O M P A N Y
T R A I N L I S T I S S U E N O. 1

TRAIN/JOB: ILXMD 15   NAME:
CNDR: A CONDUCTOR   ENGR: A ENGINEER   C/F TODAY 0600
SECONDARY TRAIN ID: FDKMET   TRAIN DIRECTION OUT OF IA431 : SOUTH
111-LOADS   0-MTYS 5474-GTONS   CAR LENGTH: 6522-FT   TRAIN LENGTH: 6744-FT
****
HAZARDOUS MATERIAL IN TRAIN   YES   TRAIN WGT: 6100-TN
RAIL SECURITY SENSITIVE MATERIAL SHIPMENTS NONE
FORM 8620 PLACEMENT ERRORS   NO
SSI ITEM 5 PLACEMENT ERRORS/WARNINGS   NO
TRAIN LENGTH EXCEPTION   NO
TRAIN HAS HIGH / WIDE SHIPMENTS   NO
LEAD LOCOMOTIVE IS PTC EQUIPPED   YES (OPERATIVE FOR ALL TRAIN SIZES)
LEAD LOCOMOTIVE IS EMS EQUIPPED   YES
   TRIP OPTIMIZER (PTC-INTEGRATED)   (OPERATIVE)   (P)
****
****
SSI MAXIMUM SPEED (UNLESS OTHERWISE RESTRICTED) IS AS FOLLOWS:
     MAXIMUM SPEED * 70 * MPH BETWEEN IA431 AND CT321   LOWEST CAR SPEED
     BE FURTHER GOVERNED BY MAXIMUM SPEEDS: TONS PER OPERATIVE BRAKE (TPOB)
     ITEM #2F OR SUBDIVISION TIMETABLE SI-12
TRAIN IS TO BE OPERATED ACCORDING TO * TABLE A * TRAIN REQUIREMENTS SSI ITEM 2F
****
****

ST CD	LOCOMOTIVE INIT	NUMB	PU CIRC7	SO CIRC7	D	AC DC MODEL-#	EA PW	EA DB	AC AX	PVCAHECDASD CCACCMSPTTB	LEN DP FT	WGT TN
V	UP	7430	CS789		F	AC C45ACCTE	XX.X	XX.X	6	YYYYYPBCG4A	74	210
V	UP	6493	CS789		F	AC C44AC	XX.X	XX.X	6	YYYYYABBG3A	74	208
V	UP	6064	CS789		F	AC C44ACCTE	XX.X	XX.X	6	YYYYY.BCG3A	74	208
							----	----	--		----	----
TOTALS:							XX.X	XX.X	18		222	626

.
END TRAIN UNITS   STATUS
NONE REPORTED

****
****
*****   DUE TO ROUTE POWER REQUIREMENTS AND FUEL CONSERVATION EFFORTS   *****
*****   ISOLATE / SHUT DOWN / BRING ON-LINE THE FOLLOWING LOCOMOTIVE(S) *****
*****   IN ACCORDANCE WITH ABTH RULE 31.8.7   *****
*****   WEATHER AND CONDITIONS PERMITTING   *****
*****   *****
*****   UNABLE TO RECOMMEND   *****
****

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                ---------------------------------------------
                 5474    TPA TONNAGE INCLUDES ISOLATED LOCOMOTIVES,IF ANY
                  XXX    TONS PER EQUIVALENT POWERED AXLE       -       XX.X EPA
                   XX.X  TOTAL EQUIVALENT AXLE DYNAMIC BRAKE, ALL CONSISTS
                  XXX    TONS PER EQUIVALENT DYNAMIC BRAKE AXLE -       XX.X EDBA
                   24    MAXIMUM EPA REAR HELPER

                  111    TOTAL NUMBER OF CARS/PLATFORMS
                  75.0   TOTAL OPERATIVE-BRAKES
                   50    AVERAGE G-TONS PER CAR OR PLATFORM
                   73    TONS PER OPERATIVE BRAKE
                  318    TOTAL AXLES, INCLUDING LOCOMOTIVES
                   78    HEAVIEST CAR, DTTA 786342, SEQ 111
                 6100    TOTAL GROSS TONS, CARS AND LOCOMOTIVES
                ---------------------------------------------
                          SUMMARY OF CAR TYPES
                            111 DOUBLE STACK
                ---------------------------------------------
                 TRAIN LIMITS BETWEEN IA431 AND RR143
                    TPA LIMIT IS 326
                    COUPLER LIMIT IS 14878
                    TERRITORY CODE OTHER THAN H OR L

                ---------------------------------------------
                 TRAIN LIMITS BETWEEN RR143 AND CT321
                    TPA LIMIT IS 210
                    COUPLER LIMIT IS 9374
                    TERRITORY CODE L

                ---------------------------------------------

        INSPECTION LOCATIONS:
        LEXMARK TX CS789  O - CLASS 1
        ------------------------------------------------------------------
        AIR BRAKE INSPECTIONS:
               NAME          LOCATION    ROAD     DATE    TIME:   # CARS:
        ----------------  ------------  ----   --------  -----   -------
        ** INSPECTION INFORMATION IS NOT AVAILABLE **
        ------------------------------------------------------------------
        EOT INSPECTION:
               NAME          LOCATION    ROAD     DATE    TIME:   EOT #
        ----------------  ------------  ----   --------   ---- ----------
        ** INSPECTION INFORMATION IS NOT AVAILABLE **
        ------------------------------------------------------------------
                             BAD ORDER CAR FORM
CAR INITIAL; NUMBER:
INSPECTING RAILROAD:
NAME; JOB TITLE OF INSPECTOR:
NATURE OF DEFECT:
MOVEMENT RESTRICTIONS:
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TO BE REPAIRED AT:
SIGNATURE OF INSPECTOR:

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**********************************************************************************
EVENT CITY/ST   STA/YD  MO-DA-YR-TIME  TIM DIF  LOADS MTYS CAR-TONS TRN-LGTH
TA IOWA CITY AZ IA431   TODAY-22-0628   2'25A   111     0   5474    6744
CT IOWA CITY AZ IA431   TODAY-22-0600
----------------------------------------------------------------------------------
SD IOWA CITY AZ IA431 ! TODAY-22-0645           111     0   5474    6744
SA EVANSTON  AZ IA384   TODAY-22-0930           111     0   5474    6744
SP EVANSTON  AZ IA384   TODAY-22-0930           126     0   6809    7550
SD EVANSTON  AZ IA384   TODAY-22-1100           237     0  12283   14294
SA KINNICK   AZ RR143   TODAY-22-1200           237     0  12283   14294
SD KINNICK   AZ RR143   TODAY-22-1200           237     0  12283   14294
SA CORVALLIS CA CT321   TODAY-22-1505           237     0  12283   14294
SS CORVALLIS CA CT321   TODAY-22-1505           126     0   6809    7550
EC CORVALLIS CA CT321   TODAY-22-1445
SD CORVALLIS CA CT321   TODAY-22-1605           111     0   5474    6744
**********************************************************************************
                      CARS LISTED FROM REAR OF TRAIN
TRAIN/JOB--   ILXMD 15 WITH FOLLOWING CARS TA   IOWA CITY AZ  TIME-- TODAY 0628
**********************************************************************************
             TIMETABLE SI-11 AND SI-12 RESTRICTED CARS
NO CARS ON TRAIN ARE ROUTE RESTRICTED FOR THIS SUBDIVISION.
**********************************************************************************
 SEQ EQUIPMNT ID  KND COMDTY DESTN  ZTS/CARR  NXBLK CITY/STATE  CONSIGNEE
BLOCK--  DADS   HL011            175
   1 DTTX 680197 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   111 FROM HEAD 70-MPH  49-TONS  77-FT  1-P       1.00-BRK   49-ATONS    77-AFT
                 SINGLE UNIT WELL CAR
     EMCU 971367 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     TLLU 542124 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
   2 DTTX 645989 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   110 FROM HEAD 70-MPH  45-TONS  77-FT  1-P       1.00-BRK   94-ATONS   154-AFT
                 SINGLE UNIT WELL CAR
     BMOU 474000 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     TEMU 621751 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
   3 DTTX 747333 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   109 FROM HEAD 70-MPH  75-TONS  65-FT  1-P       1.00-BRK  169-ATONS   219-AFT
                 SINGLE UNIT WELL CAR
     EISU 177775 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     BMOU 310879 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 DTTX 750642      P5A ARTICULATED MULTI-WELL CAR
                      CONSISTS OF THE FOLLOWING 5 CARS
   4 DTTA 750642 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   108 FROM HEAD 70-MPH  30-TONS  54-FT  1-P       3.00-BRK  199-ATONS   273-AFT
     BSIU 950672 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     DFSU 689615 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
   5 DTTE 750642 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   107 FROM HEAD 70-MPH  49-TONS  54-FT  1-P       0.00-BRK  248-ATONS   327-AFT
     BMOU 465043 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     EISU 187897 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
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  6 DTTD 750642 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
  106 FROM HEAD 70-MPH  58-TONS  54-FT  1-P       0.00-BRK  306-ATONS   381-AFT
    TCLU 917411 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EGHU 105678 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
  7 DTTC 750642 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
  105 FROM HEAD 70-MPH  65-TONS  54-FT  1-P       0.00-BRK  371-ATONS   435-AFT
    TCLU 833130 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EISU 175935 LK40 MIXFRT HL011                 DIT      TX EVERGR SHI A
  8 DTTB 750642 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
  104 FROM HEAD 70-MPH  39-TONS  54-FT  1-P       0.00-BRK  410-ATONS   489-AFT
    EITU 134617 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EISU 919048 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
  9 DTTX 652774 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
  103 FROM HEAD 70-MPH  70-TONS  77-FT  1-P       1.00-BRK  480-ATONS   566-AFT
                SINGLE UNIT WELL CAR
    EMCU 980548 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 160857 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 10 DTTX 467451 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
  102 FROM HEAD 70-MPH  68-TONS  77-FT  1-P       1.00-BRK  548-ATONS   643-AFT
                SINGLE UNIT WELL CAR
    EGHU 101234 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EISU 928720 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 11 DTTX 747564 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
  101 FROM HEAD 70-MPH  63-TONS  65-FT  1-P       1.00-BRK  611-ATONS   708-AFT
                SINGLE UNIT WELL CAR
    EITU 163111 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EISU 173030 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
DTTX 751350      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 12 DTTB 751350 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
  100 FROM HEAD 70-MPH  59-TONS  54-FT  1-P       3.00-BRK  670-ATONS   762-AFT
    EGSU 914601 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EMCU 141659 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 13 DTTC 751350 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   99 FROM HEAD 70-MPH  46-TONS  54-FT  1-P       0.00-BRK  716-ATONS   816-AFT
    EMCU 982388 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EISU 910327 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 14 DTTD 751350 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   98 FROM HEAD 70-MPH  65-TONS  54-FT  1-P       0.00-BRK  781-ATONS   870-AFT
    TCLU 912989 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    DFSU 689862 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 15 DTTE 751350 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   97 FROM HEAD 70-MPH  45-TONS  54-FT  1-P       0.00-BRK  826-ATONS   924-AFT
    EGHU 935556 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TCLU 631181 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 16 DTTA 751350 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   96 FROM HEAD 70-MPH  63-TONS  54-FT  1-P       0.00-BRK  889-ATONS   978-AFT
    EITU 184564 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    DRYU 416652 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
DTTX 740356      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
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 17 DTTB 740356 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   95 FROM HEAD 70-MPH  52-TONS  54-FT  1-P       3.00-BRK  941-ATONS  1032-AFT
    EISU 944311 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 127460 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 18 DTTC 740356 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   94 FROM HEAD 70-MPH  62-TONS  54-FT  1-P       0.00-BRK 1003-ATONS  1086-AFT
    EISU 937667 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 117749 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 19 DTTD 740356 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   93 FROM HEAD 70-MPH  45-TONS  54-FT  1-P       0.00-BRK 1048-ATONS  1140-AFT
    TEMU 620623 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TGBU 678283 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 20 DTTE 740356 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   92 FROM HEAD 70-MPH  49-TONS  54-FT  1-P       0.00-BRK 1097-ATONS  1194-AFT
    TEMU 607600 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TCNU 545207 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 21 DTTA 740356 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   91 FROM HEAD 70-MPH  62-TONS  54-FT  1-P       0.00-BRK 1159-ATONS  1248-AFT
    TCLU 858585 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    FCIU 978220 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
DTTX 748324      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 22 DTTA 748324 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   90 FROM HEAD 70-MPH  46-TONS  55-FT  1-P       3.00-BRK 1205-ATONS  1303-AFT
    EMCU 976714 LK40 MIXFRT HL011                 DIT      TX EVERGR SHI A
    EMCU 945012 LK40 MIXFRT HL011                 DIT      TX EVERGR SHI A
 23 DTTE 748324 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   89 FROM HEAD 70-MPH  52-TONS  55-FT  1-P       0.00-BRK 1257-ATONS  1358-AFT
    TGCU 514526 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    CARU 948551 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 24 DTTD 748324 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   88 FROM HEAD 70-MPH  42-TONS  55-FT  1-P       0.00-BRK 1299-ATONS  1413-AFT
    EITU 170156 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EMCU 966840 LK40 MIXFRT HL011                 DIT      TX EVERGR SHI A
 25 DTTC 748324 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   87 FROM HEAD 70-MPH  49-TONS  55-FT  1-P       0.00-BRK 1348-ATONS  1468-AFT
    TCLU 935019 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    FSCU 833363 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 26 DTTB 748324 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   86 FROM HEAD 70-MPH  36-TONS  55-FT  1-P       0.00-BRK 1384-ATONS  1523-AFT
    TCLU 856023 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    FCIU 978773 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
DTTX 742634      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 27 DTTA 742634 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   85 FROM HEAD 70-MPH  78-TONS  54-FT  1-P       3.00-BRK 1462-ATONS  1577-AFT
    EGHU 329458 LK1E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EGHU 328675 LK1E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 145750 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 28 DTTE 742634 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   84 FROM HEAD 70-MPH  71-TONS  54-FT  1-P       0.00-BRK 1533-ATONS  1631-AFT
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    DFSU 110881 LK1E MIXFRT HL011                DIT      TX EVERGR SHI A
    TEMU 715073 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    HMCU 920098 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 29 DTTD 742634 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   83 FROM HEAD 70-MPH  44-TONS  54-FT  1-P       0.00-BRK 1577-ATONS  1685-AFT
    XINU 816044 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    TEMU 783867 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 30 DTTC 742634 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   82 FROM HEAD 70-MPH  56-TONS  54-FT  1-P       0.00-BRK 1633-ATONS  1739-AFT
    TEMU  80178 LK1E MIXFRT HL011                DIT      TX EVERGR SHI A
    EITU 138754 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 31 DTTB 742634 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   81 FROM HEAD 70-MPH  50-TONS  54-FT  1-P       0.00-BRK 1683-ATONS  1793-AFT
    TGBU 630237 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    BMOU 489631 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 32 DTTX  55657 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   80 FROM HEAD 70-MPH  61-TONS  61-FT  1-P       1.00-BRK 1744-ATONS  1854-AFT
                SINGLE UNIT WELL CAR
    EISU 185372 LK40 MIXFRT HL011                DIT      TX EVERGR SHI A
    EITU 106892 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 33 DTTX 747649 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   79 FROM HEAD 70-MPH  61-TONS  65-FT  1-P       1.00-BRK 1805-ATONS  1919-AFT
                SINGLE UNIT WELL CAR
    IMTU 108667 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    EGHU 904484 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 34 DTTX 449511 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   78 FROM HEAD 70-MPH  69-TONS  62-FT  1-P       1.00-BRK 1874-ATONS  1981-AFT
                SINGLE UNIT WELL CAR
    EITU 102926 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    EISU 907492 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
DTTX 748310      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 35 DTTB 748310 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   77 FROM HEAD 70-MPH  39-TONS  54-FT  1-P       3.00-BRK 1913-ATONS  2035-AFT
                DO NOT HUMP
    TEMU 644293 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 36 DTTC 748310 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   76 FROM HEAD 70-MPH  28-TONS  54-FT  1-P       0.00-BRK 1941-ATONS  2089-AFT
                DO NOT HUMP
    MAGU 548835 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 37 DTTD 748310 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   75 FROM HEAD 70-MPH  41-TONS  54-FT  1-P       0.00-BRK 1982-ATONS  2143-AFT
                DO NOT HUMP
    TGCU 509365 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 38 DTTE 748310 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   74 FROM HEAD 70-MPH  39-TONS  54-FT  1-P       0.00-BRK 2021-ATONS  2197-AFT
    TEMU 644832 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    EMCU 948745 LK40 MIXFRT HL011                DIT      TX EVERGR SHI A
 39 DTTA 748310 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   73 FROM HEAD 70-MPH  54-TONS  54-FT  1-P       0.00-BRK 2075-ATONS  2251-AFT
    DRYU 416918 LK40 MIXFRT HL011                DIT      TX EVERGR SHI A
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    EITU 163286 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
DTTX 743470      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 40 DTTA 743470 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   72 FROM HEAD 70-MPH  39-TONS  54-FT  1-P       3.00-BRK 2114-ATONS  2305-AFT
    TCNU 746671 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    BMOU 543970 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 41 DTTE 743470 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   71 FROM HEAD 70-MPH  45-TONS  54-FT  1-P       0.00-BRK 2159-ATONS  2359-AFT
    TLLU 400753 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    EITU 121040 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 42 DTTD 743470 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   70 FROM HEAD 70-MPH  59-TONS  54-FT  1-P       0.00-BRK 2218-ATONS  2413-AFT
    EITU 168765 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    EITU 104433 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 43 DTTC 743470 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   69 FROM HEAD 70-MPH  50-TONS  54-FT  1-P       0.00-BRK 2268-ATONS  2467-AFT
    TGCU 515231 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    IMTU 106901 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 44 DTTB 743470 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   68 FROM HEAD 70-MPH  46-TONS  54-FT  1-P       0.00-BRK 2314-ATONS  2521-AFT
    EGHU 920576 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    TCKU 653558 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
DTTX 743083      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 45 DTTB 743083 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   67 FROM HEAD 70-MPH  41-TONS  54-FT  1-P       3.00-BRK 2355-ATONS  2575-AFT
    TEMU 892900 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    TLLU 478789 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 46 DTTC 743083 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   66 FROM HEAD 70-MPH  40-TONS  54-FT  1-P       0.00-BRK 2395-ATONS  2629-AFT
    BSIU 945290 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    TGCU 515134 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 47 DTTD 743083 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   65 FROM HEAD 70-MPH  47-TONS  54-FT  1-P       0.00-BRK 2442-ATONS  2683-AFT
    TCNU 363622 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    SEGU 588314 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 48 DTTE 743083 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   64 FROM HEAD 70-MPH  39-TONS  54-FT  1-P       0.00-BRK 2481-ATONS  2737-AFT
    BMOU 538609 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    EISU 934303 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 49 DTTA 743083 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   63 FROM HEAD 70-MPH  57-TONS  54-FT  1-P       0.00-BRK 2538-ATONS  2791-AFT
    EMCU 980608 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    TGCU 515088 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
DTTX 760942      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 50 DTTB 760942 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   62 FROM HEAD 70-MPH  39-TONS  54-FT  1-P       3.00-BRK 2577-ATONS  2845-AFT
    FSCU 709301 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    EITU 159442 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
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 51 DTTC 760942 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   61 FROM HEAD 70-MPH  40-TONS  54-FT  1-P       0.00-BRK 2617-ATONS  2899-AFT
    TCLU 915303 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 132606 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 52 DTTD 760942 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   60 FROM HEAD 70-MPH  47-TONS  54-FT  1-P       0.00-BRK 2664-ATONS  2953-AFT
    TCNU 635073 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 115499 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 53 DTTE 760942 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   59 FROM HEAD 70-MPH  51-TONS  54-FT  1-P       0.00-BRK 2715-ATONS  3007-AFT
    TEMU 621785 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EGHU 101355 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 54 DTTA 760942 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   58 FROM HEAD 70-MPH  38-TONS  54-FT  1-P       0.00-BRK 2753-ATONS  3061-AFT
    EITU 168101 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    MAGU 532829 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
DTTX 749210      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 55 DTTB 749210 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   57 FROM HEAD 70-MPH  51-TONS  55-FT  1-P       3.00-BRK 2804-ATONS  3116-AFT
    HMCU 907754 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 105210 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 56 DTTC 749210 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   56 FROM HEAD 70-MPH  52-TONS  55-FT  1-P       0.00-BRK 2856-ATONS  3171-AFT
    HMCU 103957 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 121580 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 57 DTTD 749210 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   55 FROM HEAD 70-MPH  43-TONS  55-FT  1-P       0.00-BRK 2899-ATONS  3226-AFT
    XINU 816312 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TGHU 888619 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 58 DTTE 749210 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   54 FROM HEAD 70-MPH  37-TONS  55-FT  1-P       0.00-BRK 2936-ATONS  3281-AFT
    TCNU 346045 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    GAOU 631161 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 59 DTTA 749210 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   53 FROM HEAD 70-MPH  52-TONS  55-FT  1-P       0.00-BRK 2988-ATONS  3336-AFT
    TCLU 792803 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TGBU 695513 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
DTTX 760986      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 60 DTTB 760986 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   52 FROM HEAD 70-MPH  49-TONS  54-FT  1-P       3.00-BRK 3037-ATONS  3390-AFT
    BMOU 543454 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 146751 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 61 DTTC 760986 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   51 FROM HEAD 70-MPH  55-TONS  54-FT  1-P       0.00-BRK 3092-ATONS  3444-AFT
    BMOU 488239 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 195682 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 62 DTTD 760986 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   50 FROM HEAD 70-MPH  66-TONS  54-FT  1-P       0.00-BRK 3158-ATONS  3498-AFT
    GAOU 623997 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
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    EISU 153296 LK40 MIXFRT HL011                 DIT      TX EVERGR SHI A
 63 DTTE 760986 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   49 FROM HEAD 70-MPH  42-TONS  54-FT  1-P       0.00-BRK 3200-ATONS  3552-AFT
    BMOU 544956 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    BMOU 544165 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 64 DTTA 760986 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   48 FROM HEAD 70-MPH  33-TONS  54-FT  1-P       0.00-BRK 3233-ATONS  3606-AFT
    TCNU 208788 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 123098 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 65 DTTX 645679 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   47 FROM HEAD 70-MPH  59-TONS  77-FT  1-P       1.00-BRK 3292-ATONS  3683-AFT
               SINGLE UNIT WELL CAR
    EISU 173706 LK40 MIXFRT HL011                 DIT      TX EVERGR SHI A
    TCLU 633230 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
DTTX 751199      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 66 DTTA 751199 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   46 FROM HEAD 70-MPH  38-TONS  54-FT  1-P       3.00-BRK 3330-ATONS  3737-AFT
    MAGU 549723 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    FCIU 704817 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 67 DTTE 751199 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   45 FROM HEAD 70-MPH  61-TONS  54-FT  1-P       0.00-BRK 3391-ATONS  3791-AFT
    IMTU 108571 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 106632 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 68 DTTD 751199 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   44 FROM HEAD 70-MPH  51-TONS  54-FT  1-P       0.00-BRK 3442-ATONS  3845-AFT
    HMCU 912519 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 122983 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 69 DTTC 751199 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   43 FROM HEAD 70-MPH  52-TONS  54-FT  1-P       0.00-BRK 3494-ATONS  3899-AFT
    EITU 114834 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    BMOU 477524 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 70 DTTB 751199 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   42 FROM HEAD 70-MPH  35-TONS  54-FT  1-P       0.00-BRK 3529-ATONS  3953-AFT
    EITU 169445 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    BMOU 477393 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
DTTX 785524      P3A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 3 CARS
 71 DTTA 785524 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   41 FROM HEAD 70-MPH  44-TONS  68-FT  1-P       2.00-BRK 3573-ATONS  4021-AFT
    HMCU 922238 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 113334 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 72 DTTC 785524 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   40 FROM HEAD 70-MPH  69-TONS  68-FT  1-P       0.00-BRK 3642-ATONS  4089-AFT
    HMCU 108124 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EISU 187571 LK40 MIXFRT HL011                 DIT      TX EVERGR SHI A
 73 DTTB 785524 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   39 FROM HEAD 70-MPH  56-TONS  68-FT  1-P       0.00-BRK 3698-ATONS  4157-AFT
    EITU 192946 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EGHU 936848 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
BNSF 238019      P5A ARTICULATED MULTI-WELL CAR
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                    CONSISTS OF THE FOLLOWING 5 CARS
  74 BNSB 238019 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    38 FROM HEAD 70-MPH  40-TONS  54-FT  1-P       3.00-BRK 3738-ATONS  4211-AFT
     XINU 810753 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
     TCLU 831632 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
  75 BNSC 238019 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    37 FROM HEAD 70-MPH  39-TONS  54-FT  1-P       0.00-BRK 3777-ATONS  4265-AFT
     EITU 143554 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
     EITU 172294 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
  76 BNSD 238019 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    36 FROM HEAD 70-MPH  37-TONS  54-FT  1-P       0.00-BRK 3814-ATONS  4319-AFT
     TGHU 909690 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
     EITU 149739 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
  77 BNSE 238019 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    35 FROM HEAD 70-MPH  43-TONS  54-FT  1-P       0.00-BRK 3857-ATONS  4373-AFT
     EITU 152532 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
     TCNU 168198 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
  78 BNSA 238019 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    34 FROM HEAD 70-MPH  39-TONS  54-FT  1-P       0.00-BRK 3896-ATONS  4427-AFT
     TCLU 889471 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
     EITU 131949 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
  79 FEC   70650 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    33 FROM HEAD 70-MPH  61-TONS  77-FT  1-P       1.00-BRK 3957-ATONS  4504-AFT
                 SINGLE UNIT WELL CAR
     TCKU 612625 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
     EGHU 906336 LK4H MIXFRT HL011                 DIT      TX EVERGR SHI A
 NOKL 230366      P3A ARTICULATED MULTI-WELL CAR
                    CONSISTS OF THE FOLLOWING 3 CARS
  80 NOKB 230366 LP1A HAZMTL HL011  03-802-96 RAMP  DIT      TX UNION PAC
    32 FROM HEAD 70-MPH  55-TONS  57-FT  1-P       2.00-BRK 4012-ATONS  4561-AFT
                 SHOVE TO REST AND COVER          DO NOT HUMP
                 DOUBLE STACKED
     EMCU 975106 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
     TCLU 431534 LK4E MXHAZD HL011                 DIT      TX EVERGR SHI A
                                        1650/BOX, 6435/KG
**************************              UN1170
* DANGEROUS             *              ETHYL ALCOHOL SOLUTION
**************************              3
EMERGENCY CONTACT:                      PG II
  1-800-451-8346                        SHIPPER CONTACT
                                          3E COMPANY
                                        HAZMAT STCC = 4909159


                                        2524/BOX, 8582/KG
**************************              UN1170
*                        *              ETHYL ALCOHOL SOLUTION
**************************              3
EMERGENCY CONTACT:                      PG II
  1-800-451-8346                        SHIPPER CONTACT
                                          3E COMPANY
                                        HAZMAT STCC = 4909159
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                                    601/BOX, 1082/KG
************************            UN1170
*                      *            ETHYL ALCOHOL SOLUTION
************************            3
EMERGENCY CONTACT:                  PG II
  1-800-451-8346                    SHIPPER CONTACT
                                      3E COMPANY
                                    HAZMAT STCC = 4909159
                DO NOT HUMP
  81 NOKC 230366 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    31 FROM HEAD 70-MPH  44-TONS  57-FT  1-P       0.00-BRK 4056-ATONS  4618-AFT
     SEGU 531940 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     IMTU 100762 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
  82 NOKA 230366 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    30 FROM HEAD 70-MPH  43-TONS  57-FT  1-P       0.00-BRK 4099-ATONS  4675-AFT
     EMCU 982715 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     EITU 190306 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 DTTX 760204      P5A ARTICULATED MULTI-WELL CAR
                      CONSISTS OF THE FOLLOWING 5 CARS
  83 DTTA 760204 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    29 FROM HEAD 70-MPH  56-TONS  54-FT  1-P       3.00-BRK 4155-ATONS  4729-AFT
     EISU 943602 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     HMCU 919306 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
  84 DTTE 760204 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    28 FROM HEAD 70-MPH  35-TONS  54-FT  1-P       0.00-BRK 4190-ATONS  4783-AFT
     EITU 152748 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     EGSU 913037 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
  85 DTTD 760204 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    27 FROM HEAD 70-MPH  38-TONS  54-FT  1-P       0.00-BRK 4228-ATONS  4837-AFT
     TCLU 491009 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     EITU 100847 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
  86 DTTC 760204 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    26 FROM HEAD 70-MPH  38-TONS  54-FT  1-P       0.00-BRK 4266-ATONS  4891-AFT
     BMOU 496223 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     BEAU 445196 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
  87 DTTB 760204 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    25 FROM HEAD 70-MPH  37-TONS  54-FT  1-P       0.00-BRK 4303-ATONS  4945-AFT
     SEGU 598939 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     TLLU 574939 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
  88 DTTX 745413 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    24 FROM HEAD 70-MPH  57-TONS  65-FT  1-P       1.00-BRK 4360-ATONS  5010-AFT
                 SINGLE UNIT WELL CAR
     TCNU 345695 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     TGCU 508221 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 DTTX 062638      P5A ARTICULATED MULTI-WELL CAR
                      CONSISTS OF THE FOLLOWING 5 CARS
  89 DTTA  62638 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    23 FROM HEAD 70-MPH  34-TONS  59-FT  1-P       3.00-BRK 4394-ATONS  5069-AFT
     TCLU 855415 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     EISU 914013 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
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 90 DTTE  62638 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   22 FROM HEAD 70-MPH  34-TONS  59-FT  1-P       0.00-BRK 4428-ATONS  5128-AFT
    TEMU 895845 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TGBU 690359 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 91 DTTD  62638 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   21 FROM HEAD 70-MPH  34-TONS  59-FT  1-P       0.00-BRK 4462-ATONS  5187-AFT
    EITU 193877 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TCLU 497073 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 92 DTTC  62638 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   20 FROM HEAD 70-MPH  49-TONS  59-FT  1-P       0.00-BRK 4511-ATONS  5246-AFT
    TEMU 714643 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    BMOU 500186 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 93 DTTB  62638 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   19 FROM HEAD 70-MPH  49-TONS  59-FT  1-P       0.00-BRK 4560-ATONS  5305-AFT
    TGBU 500057 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    FCIU 954196 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 94 DTTX 659360 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   18 FROM HEAD 70-MPH  42-TONS  77-FT  1-P       1.00-BRK 4602-ATONS  5382-AFT
                SINGLE UNIT WELL CAR
    FCIU 729370 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    BMOU 498316 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 95 DTTX 656835 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   17 FROM HEAD 70-MPH  41-TONS  77-FT  1-P       1.00-BRK 4643-ATONS  5459-AFT
                SINGLE UNIT WELL CAR
    EITU 103693 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TCLU 816904 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
DTTX 621019      P3A SOLID DRAWBAR CONNECTED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 3 CARS
 96 DTTB 621019 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   16 FROM HEAD 70-MPH  49-TONS  77-FT  1-P       3.00-BRK 4692-ATONS  5536-AFT
    EGSU 918505 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    GAOU 630753 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 97 DTTC 621019 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   15 FROM HEAD 70-MPH  43-TONS  77-FT  1-P       0.00-BRK 4735-ATONS  5613-AFT
    EISU 928493 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    FDCU  24042 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 98 DTTA 621019 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   14 FROM HEAD 70-MPH  48-TONS  77-FT  1-P       0.00-BRK 4783-ATONS  5690-AFT
    TGHU 910679 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TGBU 658414 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
DTTX 751228      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 99 DTTB 751228 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   13 FROM HEAD 70-MPH  38-TONS  54-FT  1-P       3.00-BRK 4821-ATONS  5744-AFT
    EGHU 106281 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EISU 919075 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
100 DTTC 751228 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   12 FROM HEAD 70-MPH  32-TONS  54-FT  1-P       0.00-BRK 4853-ATONS  5798-AFT
    TGHU 902038 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EISU 911777 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
101 DTTD 751228 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
```

```
   11 FROM HEAD 70-MPH  39-TONS  54-FT  1-P       0.00-BRK 4892-ATONS  5852-AFT
    MAGU 538406 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EMCU 802573 LK50 MIXFRT HL011                 DIT      TX EVERGR SHI A
102 DTTE 751228 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   10 FROM HEAD 70-MPH  39-TONS  54-FT  1-P       0.00-BRK 4931-ATONS  5906-AFT
    TEMU 609212 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TLLU 585185 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
103 DTTA 751228 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    9 FROM HEAD 70-MPH  41-TONS  54-FT  1-P       0.00-BRK 4972-ATONS  5960-AFT
    HMCU 915101 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TGHU 887855 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
104 DTTX 652544 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    8 FROM HEAD 70-MPH  50-TONS  77-FT  1-P       1.00-BRK 5022-ATONS  6037-AFT
                SINGLE UNIT WELL CAR
    EGSU 917879 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 175374 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
105 DTTX 657665 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    7 FROM HEAD 70-MPH  50-TONS  77-FT  1-P       1.00-BRK 5072-ATONS  6114-AFT
                SINGLE UNIT WELL CAR
    TEMU 735394 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    BEAU 436941 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
DTTX 723009      P3A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 3 CARS
106 DTTB 723009 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    6 FROM HEAD 70-MPH  57-TONS  68-FT  1-P       2.00-BRK 5129-ATONS  6182-AFT
    EITU 153221 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TCLU 866473 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
107 DTTC 723009 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    5 FROM HEAD 70-MPH  54-TONS  68-FT  1-P       0.00-BRK 5183-ATONS  6250-AFT
    EITU 117066 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TEMU 776190 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
108 DTTA 723009 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    4 FROM HEAD 70-MPH  77-TONS  68-FT  1-P       0.00-BRK 5260-ATONS  6318-AFT
    EGHU 339445 LK1E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TGCU 202312 LK1E MIXFRT HL011                 DIT      TX EVERGR SHI A
    HMCU 108023 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
DTTX 786342      P3A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 3 CARS
109 DTTB 786342 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    3 FROM HEAD 70-MPH  66-TONS  68-FT  1-P       2.00-BRK 5326-ATONS  6386-AFT
    EITU  59641 LK1E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EMCU 373893 LK10 MIXFRT HL011                 DIT      TX EVERGR SHI A
    TGHU 697064 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
110 DTTC 786342 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    2 FROM HEAD 70-MPH  70-TONS  68-FT  1-P       0.00-BRK 5396-ATONS  6454-AFT
    EITU   7712 LK1E MIXFRT HL011                 DIT      TX EVERGR SHI A
    FCIU 542958 LK1E MIXFRT HL011                 DIT      TX EVERGR SHI A
    GATU 873869 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
111 DTTA 786342 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    1 FROM HEAD 70-MPH  78-TONS  68-FT  1-P       0.00-BRK 5474-ATONS  6522-AFT
    EISU 212944 LK1E MIXFRT HL011                 DIT      TX EVERGR SHI A
```

```
     MAGU 231914 LK1E MIXFRT HL011                DIT      TX EVERGR SHI A
     EGHU 937759 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
BLOCK TOTALS   111 LOADS    0 MTYS    5474 G-TONS    6522 FEET
CAR-TOTALS     111 LOADS    0 MTYS    5474 G-TONS    6522 FEET    3215 N-TONS
POWER BLOCK
UP  006064
UP  006493
UP  007430
*******************************************************************************
 H A Z A R D O U S   M A T E R I A L   R E S P O N S E   I N F O R M A T I O N
*******************************************************************************
TRAIN-- ILXMD 15
 80 FROM CAB/EOT NOKB230366 L 032 FROM HEAD V/K=TCLU431534 L
 80 FROM CAB/EOT NOKB230366 L 032 FROM HEAD
 80 FROM CAB/EOT NOKB230366 L 032 FROM HEAD
   COMMODITY NUMBER IS 4909159


************************************************
          H I G H   V A L U E   L O A D S
************************************************
          TRAIN-- ILXMD 15
3380-THERE ARE NO CARS ON THIS TRAIN WITH HIGH VALUE LOADS
3392-END OF TRAIN LIST
```

TRAIN LIST A - BEFORE PICK-UP AT EVANSTON

E N G I N E E R' S C O P Y

T R A I N L I S T I S S U E N O. 1

TRAIN/JOB: ILXMD 15 NAME:

CNDR: A CONDUCTOR ENGR: A ENGINEER C/F TODAY 0600

SECONDARY TRAIN ID: FDKMET TRAIN DIRECTION OUT OF IA431 : SOUTH

111-LOADS 0-MTYS 5474-GTONS CAR LENGTH: 6522-FT TRAIN LENGTH: 6744-FT

****

HAZARDOUS MATERIAL IN TRAIN YES TRAIN WGT: 6100-TN

RAIL SECURITY SENSITIVE MATERIAL SHIPMENTS NONE

FORM 8620 PLACEMENT ERRORS NO

SSI ITEM 5 PLACEMENT ERRORS/WARNINGS NO

TRAIN LENGTH EXCEPTION NO

TRAIN HAS HIGH / WIDE SHIPMENTS NO

LEAD LOCOMOTIVE IS PTC EQUIPPED YES (OPERATIVE FOR ALL TRAIN SIZES)

LEAD LOCOMOTIVE IS EMS EQUIPPED YES

TRIP OPTIMIZER (PTC-INTEGRATED) (OPERATIVE) (P)

****

****

SSI MAXIMUM SPEED (UNLESS OTHERWISE RESTRICTED) IS AS FOLLOWS:

MAXIMUM SPEED * 70 * MPH BETWEEN IA431 AND CT321 LOWEST CAR SPEED

BE FURTHER GOVERNED BY MAXIMUM SPEEDS: TONS PER OPERATIVE BRAKE (TPOB)

ITEM #2F OR SUBDIVISION TIMETABLE SI-12

TRAIN IS TO BE OPERATED ACCORDING TO * TABLE A * TRAIN REQUIREMENTS SSI ITEM 2F

****

****

ST	LOCOMOTIVE	PU	SO		AC	EA	EA	AC	PVCAHECDASD	LEN	WGT
CD	INIT	NUMB	CIRC7	CIRC7	D DC MODEL-#	PW	DB	AX	CCACCMSPTTB	DP FT	TN
V	UP	7430	CS789		F AC C45ACCTE	XX.X	XX.X	6	YYYYYPBCG4A	74	210
V	UP	6493	CS789		F AC C44AC	XX.X	XX.X	6	YYYYYABBG3A	74	208
V	UP	6064	CS789		F AC C44ACCTE	XX.X	XX.X	6	YYYYY.BCG3A	74	208
						----	----	--		----	----
TOTALS:						XX.X	XX.X	18		222	626

.

END TRAIN UNITS STATUS

NONE REPORTED

LINK IN FTE MODE

****

****

***** DUE TO ROUTE POWER REQUIREMENTS AND FUEL CONSERVATION EFFORTS *****

***** ISOLATE / SHUT DOWN / BRING ON-LINE THE FOLLOWING LOCOMOTIVE(S) *****

***** IN ACCORDANCE WITH ABTH RULE 31.8.7 *****

***** WEATHER AND CONDITIONS PERMITTING *****

***** *****

***** UNABLE TO RECOMMEND *****

****

```
                ----------------------------------------------
                 5474    TPA TONNAGE INCLUDES ISOLATED LOCOMOTIVES,IF ANY
                  XXX    TONS PER EQUIVALENT POWERED AXLE       -       XX.X EPA
                   XX.X  TOTAL EQUIVALENT AXLE DYNAMIC BRAKE, ALL CONSISTS
                  XXX    TONS PER EQUIVALENT DYNAMIC BRAKE AXLE -       XX.X EDBA
                   24    MAXIMUM EPA REAR HELPER

                  111    TOTAL NUMBER OF CARS/PLATFORMS
                  75.0   TOTAL OPERATIVE-BRAKES
                   50    AVERAGE G-TONS PER CAR OR PLATFORM
                   73    TONS PER OPERATIVE BRAKE
                  318    TOTAL AXLES, INCLUDING LOCOMOTIVES
                   78    HEAVIEST CAR, DTTA 786342, SEQ 111
                 6100    TOTAL GROSS TONS, CARS AND LOCOMOTIVES
                ----------------------------------------------
                          SUMMARY OF CAR TYPES
                            111 DOUBLE STACK
                ----------------------------------------------
                 TRAIN LIMITS BETWEEN IA431 AND RR143
                    TPA LIMIT IS 326
                    COUPLER LIMIT IS 14878
                    TERRITORY CODE OTHER THAN H OR L

                ----------------------------------------------
                 TRAIN LIMITS BETWEEN RR143 AND CT321
                    TPA LIMIT IS 210
                    COUPLER LIMIT IS 9374
                    TERRITORY CODE L

                ----------------------------------------------

        INSPECTION LOCATIONS:
        LEXMARK TX CS789  O - CLASS 1
        ------------------------------------------------------------------
        AIR BRAKE INSPECTIONS:
               NAME          LOCATION    ROAD     DATE    TIME:   # CARS:
        ----------------  ------------  ----   --------  -----   -------
        ** INSPECTION INFORMATION IS NOT AVAILABLE **
        ------------------------------------------------------------------
        EOT INSPECTION:
               NAME          LOCATION    ROAD     DATE    TIME:   EOT #
        ----------------  ------------  ----   --------   ---- ----------
        ** INSPECTION INFORMATION IS NOT AVAILABLE **
        ------------------------------------------------------------------
*************************************************************************
EVENT CITY/ST   STA/YD  MO-DA-YR-TIME  TIM DIF  LOADS MTYS CAR-TONS TRN-LGTH
TA IOWA CITY AZ IA431   TODAY-22-0628   2'25A   111     0   5474    6744
CT IOWA CITY AZ IA431   TODAY-22-0600
-------------------------------------------------------------------------
SD IOWA CITY AZ IA431 ! TODAY-22-0645           111     0   5474    6744
SA EVANSTON  AZ IA384   TODAY-22-0930           111     0   5474    6744
```

```
SP EVANSTON  AZ IA384   TODAY-22-0930           126     0   6809    7550
SD EVANSTON  AZ IA384   TODAY-22-1100           237     0  12283   14294
SA KINNICK   AZ RR143   TODAY-22-1200           237     0  12283   14294
SD KINNICK   AZ RR143   TODAY-22-1200           237     0  12283   14294
SA CORVALLIS CA CT321   TODAY-22-1505           237     0  12283   14294
SS CORVALLIS CA CT321   TODAY-22-1505           126     0   6809    7550
EC CORVALLIS CA CT321   TODAY-22-1445
SD CORVALLIS CA CT321   TODAY-22-1605           111     0   5474    6744
********************************************************************************
TO ENGINEER AND CONDUCTOR                  ILXMD 15 OUT OF IA431

THE TONNAGE CHART BELOW IS A PROFILE OF YOUR TRAIN (OR PICKUP) OUT OF IA431
70 MPH IS MAXIMUM SPEED     111 LOADS   000 EMPTIES   5474 TONS     6744 FT


      HLS ACUM ACUM     ACUM                          TONS
 S/O  ZGH  LEN AXLE #P  TONS SEQ 20 30 40 50 60 70 80 90 100 110 120 130 140 150
HL011  7#   77  318  1    49   1 XXXXXXXXXXX
       7#  154  314  1    94   2 XXXXXXXXXXX
       6#  219  310  1   169   3 XXXXXXXXXXXXXXXXXXX
        #  273  306  1   199   4 XXXXX
        #  327  303  1   248   5 XXXXXXXXXXX
        #  381  301  1   306   6 XXXXXXXXXXXXXX
        #  435  299  1   371   7 XXXXXXXXXXXXXXXXX
        #  489  297  1   410   8 XXXXXXXX
       7#  566  294  1   480   9 XXXXXXXXXXXXXXXXX
       7#  643  290  1   548  10 XXXXXXXXXXXXXXXXX
       6#  708  286  1   611  11 XXXXXXXXXXXXXX
        #  762  282  1   670  12 XXXXXXXXXXXXXX
        #  816  279  1   716  13 XXXXXXXXXXX
        #  870  277  1   781  14 XXXXXXXXXXXXXXXXX
        #  924  275  1   826  15 XXXXXXXXXXX
        #  978  273  1   889  16 XXXXXXXXXXXXXX
        # 1032  270  1   941  17 XXXXXXXXXXX
        # 1086  267  1  1003  18 XXXXXXXXXXXXXX
        # 1140  265  1  1048  19 XXXXXXXXXXX
        # 1194  263  1  1097  20 XXXXXXXXXXX
        # 1248  261  1  1159  21 XXXXXXXXXXXXXX
        # 1303  258  1  1205  22 XXXXXXXXXXX
        # 1358  255  1  1257  23 XXXXXXXXXXX
        # 1413  253  1  1299  24 XXXXXXXX
        # 1468  251  1  1348  25 XXXXXXXXXXX
        # 1523  249  1  1384  26 XXXXXXXX
        # 1577  246  1  1462  27 XXXXXXXXXXXXXXXXXXX
        # 1631  243  1  1533  28 XXXXXXXXXXXXXXXXX
        # 1685  241  1  1577  29 XXXXXXXX
        # 1739  239  1  1633  30 XXXXXXXXXXXXXX
        # 1793  237  1  1683  31 XXXXXXXXXXX
        # 1854  234  1  1744  32 XXXXXXXXXXXXXX
       6# 1919  230  1  1805  33 XXXXXXXXXXXXXX
        # 1981  226  1  1874  34 XXXXXXXXXXXXXXXXX
        # 2035  222  1  1913  35 XXXXXXXX
```

S/O	HLS ZGH	ACUM LEN	ACUM AXLE	#P	ACUM TONS	SEQ	TONS 20 30 40 50 60 70 80 90 100 110 120 130 140 150
	#	2089	219	1	1941	36	XXXXX
	#	2143	217	1	1982	37	XXXXXXXX
	#	2197	215	1	2021	38	XXXXXXXX
	#	2251	213	1	2075	39	XXXXXXXXXXX
	#	2305	210	1	2114	40	XXXXXXXX
	#	2359	207	1	2159	41	XXXXXXXXXXX
	#	2413	205	1	2218	42	XXXXXXXXXXXXXX
	#	2467	203	1	2268	43	XXXXXXXXXXX
	#	2521	201	1	2314	44	XXXXXXXXXXX
	#	2575	198	1	2355	45	XXXXXXXX
	#	2629	195	1	2395	46	XXXXXXXX
	#	2683	193	1	2442	47	XXXXXXXXXXX
	#	2737	191	1	2481	48	XXXXXXXX
	#	2791	189	1	2538	49	XXXXXXXXXXXXXX
	#	2845	186	1	2577	50	XXXXXXXX
	#	2899	183	1	2617	51	XXXXXXXX
	#	2953	181	1	2664	52	XXXXXXXXXXX
	#	3007	179	1	2715	53	XXXXXXXXXXX
	#	3061	177	1	2753	54	XXXXXXXX
	#	3116	174	1	2804	55	XXXXXXXXXXX
	#	3171	171	1	2856	56	XXXXXXXXXXX
	#	3226	169	1	2899	57	XXXXXXXX
	#	3281	167	1	2936	58	XXXXXXXX
	#	3336	165	1	2988	59	XXXXXXXXXXX
	#	3390	162	1	3037	60	XXXXXXXXXXX
	#	3444	159	1	3092	61	XXXXXXXXXXXXXX
	#	3498	157	1	3158	62	XXXXXXXXXXXXXXXX
	#	3552	155	1	3200	63	XXXXXXXX
	#	3606	153	1	3233	64	XXXXX
	7#	3683	150	1	3292	65	XXXXXXXXXXXXX
	#	3737	146	1	3330	66	XXXXXXXX
	#	3791	143	1	3391	67	XXXXXXXXXXXXX
	#	3845	141	1	3442	68	XXXXXXXXXX
	#	3899	139	1	3494	69	XXXXXXXXXX
	#	3953	137	1	3529	70	XXXXXXXX
	6#	4021	134	1	3573	71	XXXXXXXX
	6#	4089	131	1	3642	72	XXXXXXXXXXXXXXXX
	6#	4157	129	1	3698	73	XXXXXXXXXXXXX
	#	4211	126	1	3738	74	XXXXXXXX
	#	4265	123	1	3777	75	XXXXXXXX
	#	4319	121	1	3814	76	XXXXXXXX
	#	4373	119	1	3857	77	XXXXXXXX
	#	4427	117	1	3896	78	XXXXXXXX
	7#	4504	114	1	3957	79	XXXXXXXXXXXXX
*	#	4561	110	1	4012	80	XXXXXXXXXXXXX
	#	4618	107	1	4056	81	XXXXXXXX
	#	4675	105	1	4099	82	XXXXXXXX
	#	4729	102	1	4155	83	XXXXXXXXXXXXX
	#	4783	99	1	4190	84	XXXXXXXX

S/O	HLS ZGH	ACUM LEN	ACUM AXLE	#P	ACUM TONS	SEQ	TONS 20 30 40 50 60 70 80 90 100 110 120 130 140 150
	#	4837	97	1	4228	85	XXXXXXXX
	#	4891	95	1	4266	86	XXXXXXXX
	#	4945	93	1	4303	87	XXXXXXXX
	6#	5010	90	1	4360	88	XXXXXXXXXXXXXX
	#	5069	86	1	4394	89	XXXXX
	#	5128	83	1	4428	90	XXXXX
	#	5187	81	1	4462	91	XXXXX
	#	5246	79	1	4511	92	XXXXXXXXXX
	#	5305	77	1	4560	93	XXXXXXXXXX
	7#	5382	74	1	4602	94	XXXXXXX
	7#	5459	70	1	4643	95	XXXXXXX
	7#	5536	66	1	4692	96	XXXXXXXXXX
	7#	5613	62	1	4735	97	XXXXXXX
	7#	5690	58	1	4783	98	XXXXXXXXXX
	#	5744	54	1	4821	99	XXXXXXX
	#	5798	51	1	4853	100	XXXXX
	#	5852	49	1	4892	101	XXXXXXX
	#	5906	47	1	4931	102	XXXXXXX
	#	5960	45	1	4972	103	XXXXXXX
	7#	6037	42	1	5022	104	XXXXXXXXXX
	7#	6114	38	1	5072	105	XXXXXXXXXX
	6#	6182	34	1	5129	106	XXXXXXXXXXXXX
	6#	6250	31	1	5183	107	XXXXXXXXXX
	6#	6318	29	1	5260	108	XXXXXXXXXXXXXXXXXXX
	6#	6386	26	1	5326	109	XXXXXXXXXXXXXXXX
	6#	6454	23	1	5396	110	XXXXXXXXXXXXXXXX
	6#	6522	21	1	5474	111	XXXXXXXXXXXXXXXXXXX

HEAD END POWER BLOCK (HC).

EXPLANATION OF TRAIN PROFILE CODES

HZ COLUMN: '*' INDICATES A CAR THAT IS HAZARDOUS.
LG COLUMN: 'S' INDICATES A CAR THAT IS 45 FT OR SHORTER.
'6' INDICATES A CAR THAT IS 65 TO 72 FT LONG.
'7' INDICATES A CAR THAT IS 73 TO 79 FT LONG.
'L' INDICATES A CAR THAT IS 80 FT OR LONGER.
SH COLUMN: '#' INDICATES A CAR THAT HAS A SPECIAL HANDLING CODE APPLIED; REFER TO THE CONSIST FOR DETAILS.
#P COLUMN: INDICATES THE NUMBER OF PLATFORMS/WELLS ON AN ARTICULATED INTERMODAL CAR, AND THE NUMBER OF UNITS ON OTHER ARTICULATED CARS.
TONS COLUMN: 'C' INDICATES A CAR THAT IS EQUIPPED WITH END OF CUSHIONING DEVICE

TRAIN LIST B - AFTER PICK-UP AT EVANSTON

U N I O N P A C I F I C R A I L R O A D C O M P A N Y
T R A I N L I S T I S S U E N O. 1

TRAIN/JOB: ILXMD 15   NAME:
CNDR: A CONDUCTOR   ENGR: A ENGINEER   C/F TODAY 0600
SECONDARY TRAIN ID: FDKMET   TRAIN DIRECTION OUT OF IA431 : SOUTH
237-LOADS   0-MTYS 12283-GTONS   CAR LENGTH: 13847-FT   TRAIN LENGTH: 14294-FT
****
HAZARDOUS MATERIAL IN TRAIN   YES   TRAIN WGT: 13537-TN
RAIL SECURITY SENSITIVE MATERIAL SHIPMENTS NONE
FORM 8620 PLACEMENT ERRORS   NO
SSI ITEM 5 PLACEMENT ERRORS/WARNINGS   UNKNOWN
TRAIN LENGTH EXCEPTION   NO
TRAIN HAS HIGH / WIDE SHIPMENTS   NO
LEAD LOCOMOTIVE IS PTC EQUIPPED   YES (OPERATIVE FOR ALL TRAIN SIZES)
LEAD LOCOMOTIVE IS EMS EQUIPPED   YES
   TRIP OPTIMIZER (PTC-INTEGRATED)   (OPERATIVE)   (P)
****
****
SSI MAXIMUM SPEED (UNLESS OTHERWISE RESTRICTED) IS AS FOLLOWS:
     MAXIMUM SPEED * 70 * MPH BETWEEN IA431 AND CT321   LOWEST CAR SPEED
     BE FURTHER GOVERNED BY MAXIMUM SPEEDS: TONS PER OPERATIVE BRAKE (TPOB)
     ITEM #2F OR SUBDIVISION TIMETABLE SI-12
TRAIN IS TO BE OPERATED ACCORDING TO * TABLE A * TRAIN REQUIREMENTS SSI ITEM 2F
****
****

ST CD	LOCOMOTIVE INIT	NUMB	PU CIRC7	SO CIRC7	D	AC DC MODEL-#	EA PW	EA DB	AC AX	PVCAHECDASD CCACCMSPTTB	LEN DP FT	WGT TN
V	UP	7430	CS789		F	AC C45ACCTE	XX.X	XX.X	6	YYYYYPBCG4A	HC 74	210
V	UP	6493	CS789		F	AC C44AC	XX.X	XX.X	6	YYYYYABBG3A	H 74	208
V	UP	6064	CS789		F	AC C44ACCTE	XX.X	XX.X	6	YYYYY.BCG3A	H 74	208
							----	----	--		----	----
SUB TOTALS:							XX.X	XX.X	18		222	626
.												
X	UP	7229	IA384		F	AC C44AC	XX.X	XX.X	6	YYYYY.BCG3A	1C 74	208
X	UP	8694	IA384		B	AC SD70ACE	XX.X	XX.X	6	YYYYYMBBG3A	1 75	210
							----	----	--		----	----
SUB TOTALS:							XX.X	XX.X	12		149	418
.												
X	UP	6914	IA384		B	AC C44ACCCA	XX.X	XX.X	6	.YYYY.BBG3A	RC 76	210
							----	----	--		----	----
SUB TOTALS:							XX.X	XX.X	6		76	210
.												
							----	----	--		----	----
TOTALS:							XX.X	XX.X	36		447	1254
.												

END TRAIN UNITS STATUS
NONE REPORTED
LINK IN FTE MODE
****
****
***** DUE TO ROUTE POWER REQUIREMENTS AND FUEL CONSERVATION EFFORTS *****
***** ISOLATE / SHUT DOWN / BRING ON-LINE THE FOLLOWING LOCOMOTIVE(S) *****
***** IN ACCORDANCE WITH ABTH RULE 31.8.7 *****
***** WEATHER AND CONDITIONS PERMITTING *****
***** *****
***** UNABLE TO RECOMMEND *****
****

12283 TPA TONNAGE INCLUDES ISOLATED LOCOMOTIVES,IF ANY
XXX TONS PER EQUIVALENT POWERED AXLE - XX.X EPA
XX.X TOTAL EQUIVALENT AXLE DYNAMIC BRAKE, ALL CONSISTS
XXX TONS PER EQUIVALENT DYNAMIC BRAKE AXLE - XX.X EDBA
24 MAXIMUM EPA REAR HELPER

241 TOTAL NUMBER OF CARS/PLATFORMS
156.50 TOTAL OPERATIVE-BRAKES
51 AVERAGE G-TONS PER CAR OR PLATFORM
79 TONS PER OPERATIVE BRAKE
664 TOTAL AXLES, INCLUDING LOCOMOTIVES
399 HEAVIEST CAR, BNSF 239244, SEQ 054
13537 TOTAL GROSS TONS, CARS AND LOCOMOTIVES

SUMMARY OF CAR TYPES
237 DOUBLE STACK

TRAIN LIMITS BETWEEN IA431 AND RR143
TPA LIMIT IS 326
COUPLER LIMIT IS 14878
TERRITORY CODE OTHER THAN H OR L

TRAIN LIMITS BETWEEN RR143 AND CT321
TPA LIMIT IS 210
COUPLER LIMIT IS 9374
TERRITORY CODE L

INSPECTION LOCATIONS:
LEXMARK TX CS789 O - CLASS 1

AIR BRAKE INSPECTIONS:

NAME	LOCATION	ROAD	DATE	TIME:	# CARS:

** INSPECTION INFORMATION IS NOT AVAILABLE **

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      ------------------------------------------------------------------
      EOT INSPECTION:
             NAME          LOCATION    ROAD     DATE    TIME:   EOT #
      ----------------  ------------  ----   --------   ---- ----------
      ** INSPECTION INFORMATION IS NOT AVAILABLE **
      ------------------------------------------------------------------
                           BAD ORDER CAR FORM
CAR INITIAL; NUMBER:
INSPECTING RAILROAD:
NAME; JOB TITLE OF INSPECTOR:
NATURE OF DEFECT:
MOVEMENT RESTRICTIONS:
TO BE REPAIRED AT:
SIGNATURE OF INSPECTOR:
********************************************************************************
EVENT CITY/ST   STA/YD  MO-DA-YR-TIME  TIM DIF  LOADS MTYS CAR-TONS TRN-LGTH
TA IOWA CITY AZ IA431   TODAY-22-0628   2'25A   111     0   5474    6744
CT IOWA CITY AZ IA431   TODAY-22-0600
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SD IOWA CITY AZ IA431 ! TODAY-22-0645           111     0   5474    6744
SA EVANSTON  AZ IA384   TODAY-22-0930           111     0   5474    6744
SP EVANSTON  AZ IA384   TODAY-22-0930           126     0   6809    7550
SD EVANSTON  AZ IA384   TODAY-22-1100           237     0  12283   14294
SA KINNICK   AZ RR143   TODAY-22-1200           237     0  12283   14294
SD KINNICK   AZ RR143   TODAY-22-1200           237     0  12283   14294
SA CORVALLIS CA CT321   TODAY-22-1505           237     0  12283   14294
SS CORVALLIS CA CT321   TODAY-22-1505           126     0   6809    7550
EC CORVALLIS CA CT321   TODAY-22-1445
SD CORVALLIS CA CT321   TODAY-22-1605           111     0   5474    6744
********************************************************************************
                     CARS LISTED FROM REAR OF TRAIN
TRAIN/JOB--   ILXMD 15 WITH FOLLOWING CARS TA   IOWA CITY AZ  TIME-- TODAY 0628
********************************************************************************
              TIMETABLE SI-11 AND SI-12 RESTRICTED CARS
NO CARS ON TRAIN ARE ROUTE RESTRICTED FOR THIS SUBDIVISION.
********************************************************************************
 SEQ EQUIPMNT ID  KND COMDTY DESTN  ZTS/CARR  NXBLK CITY/STATE  CONSIGNEE
POWER BLOCK
UP  006914
BLOCK--  STR1   CT321            089
 DTTX 742412      P5A ARTICULATED MULTI-WELL CAR
                      CONSISTS OF THE FOLLOWING 5 CARS
   1 DTTB 742412 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
   237 FROM HEAD 70-MPH  37-TONS  54-FT  1-P       3.00-BRK   37-ATONS    54-AFT
     APHU 738031 LK40 MIXFRT ZS042                 GLO4     IL APL LAN TRA
     CMAU 816713 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
   2 DTTC 742412 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
   236 FROM HEAD 70-MPH  56-TONS  54-FT  1-P       0.00-BRK   93-ATONS   108-AFT
     FCIU 893449 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
     CMAU 705308 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
   3 DTTD 742412 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
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  235 FROM HEAD 70-MPH  46-TONS  54-FT  1-P       0.00-BRK  139-ATONS   162-AFT
    HJMU 158889 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    CMAU 706979 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
  4 DTTE 742412 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  234 FROM HEAD 70-MPH  51-TONS  54-FT  1-P       0.00-BRK  190-ATONS   216-AFT
    CMAU 646248 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    TCNU 921456 LK40 MIXFRT ZS042                 GLO4     IL APL LAN TRA
  5 DTTA 742412 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  233 FROM HEAD 70-MPH  60-TONS  54-FT  1-P       0.00-BRK  250-ATONS   270-AFT
    TCLU 957833 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    CMAU 646094 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
DTTX 759167      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
  6 DTTA 759167 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  232 FROM HEAD 70-MPH  54-TONS  54-FT  1-P       3.00-BRK  304-ATONS   324-AFT
    APHU 717311 LK40 MIXFRT ZS042                 GLO4     IL APL LAN TRA
    APHU 649425 LK40 MIXFRT ZS042                 GLO4     IL APL LAN TRA
  7 DTTE 759167 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  231 FROM HEAD 70-MPH  39-TONS  54-FT  1-P       0.00-BRK  343-ATONS   378-AFT
    CMAU 446692 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    TCNU 671921 LK4E MIXFRT ZS042                 GLO4     IL APL LAN TRA
  8 DTTD 759167 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  230 FROM HEAD 70-MPH  45-TONS  54-FT  1-P       0.00-BRK  388-ATONS   432-AFT
    TRLU 863280 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    ECMU 460450 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
  9 DTTC 759167 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  229 FROM HEAD 70-MPH  49-TONS  54-FT  1-P       0.00-BRK  437-ATONS   486-AFT
    FCIU 930036 LK40 MIXFRT ZS042                 GLO4     IL APL LAN TRA
    APHU 695016 LK40 MIXFRT ZS042                 GLO4     IL APL LAN TRA
 10 DTTB 759167 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  228 FROM HEAD 70-MPH  48-TONS  54-FT  1-P       0.00-BRK  485-ATONS   540-AFT
    APHU 636301 LK40 MIXFRT ZS042                 GLO4     IL APL LAN TRA
    FCIU 841764 LK40 MIXFRT ZS042                 GLO4     IL APL LAN TRA
 11 DTTX 449591 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  227 FROM HEAD 70-MPH  58-TONS  62-FT  1-P       1.00-BRK  543-ATONS   602-AFT
                SINGLE UNIT WELL CAR
    CMAU 513963 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    TCNU 152894 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
DTTX 760322      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 12 DTTB 760322 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  226 FROM HEAD 70-MPH  38-TONS  54-FT  1-P       3.00-BRK  581-ATONS   656-AFT
    CMAU 463863 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    CMAU 550375 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
 13 DTTC 760322 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  225 FROM HEAD 70-MPH  37-TONS  54-FT  1-P       0.00-BRK  618-ATONS   710-AFT
    CMAU 614565 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    APZU 439692 LK40 MIXFRT ZS042                 GLO4     IL APL LAN TRA
 14 DTTD 760322 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  224 FROM HEAD 70-MPH  47-TONS  54-FT  1-P       0.00-BRK  665-ATONS   764-AFT
    TGBU 576482 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
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    APZU 489610 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
 15 DTTE 760322 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  223 FROM HEAD 70-MPH  48-TONS  54-FT  1-P       0.00-BRK  713-ATONS   818-AFT
    FSCU 448207 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
    APHU 654158 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
 16 DTTA 760322 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  222 FROM HEAD 70-MPH  54-TONS  54-FT  1-P       0.00-BRK  767-ATONS   872-AFT
    CMAU 830852 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
    CMAU 625523 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
DTTX 781230      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 17 DTTB 781230 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  221 FROM HEAD 70-MPH  41-TONS  54-FT  1-P       3.00-BRK  808-ATONS   926-AFT
    TCLU 410401 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
    ECMU 435097 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
 18 DTTC 781230 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  220 FROM HEAD 70-MPH  40-TONS  54-FT  1-P       0.00-BRK  848-ATONS   980-AFT
    TCKU 628216 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
    FSCU 456523 LK4S MIXFRT ZS042                GLO4     IL APL LAN TRA
 19 DTTD 781230 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  219 FROM HEAD 70-MPH  40-TONS  54-FT  1-P       0.00-BRK  888-ATONS  1034-AFT
    CAXU 735810 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
    ECMU 451139 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
 20 DTTE 781230 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  218 FROM HEAD 70-MPH  58-TONS  54-FT  1-P       0.00-BRK  946-ATONS  1088-AFT
    TCNU 224992 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
    TGHU 952244 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
 21 DTTA 781230 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  217 FROM HEAD 70-MPH  54-TONS  54-FT  1-P       0.00-BRK 1000-ATONS  1142-AFT
    GESU 608540 LK40 MIXFRT ZS042                GLO4     IL APL LAN TRA
    CAIU 955866 LK40 MIXFRT ZS042                GLO4     IL APL LAN TRA
DTTX 759971      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 22 DTTA 759971 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  216 FROM HEAD 70-MPH  50-TONS  54-FT  1-P       3.00-BRK 1050-ATONS  1196-AFT
    FCIU 848851 LK40 MIXFRT ZS042                GLO4     IL APL LAN TRA
    ECMU 980822 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
 23 DTTE 759971 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  215 FROM HEAD 70-MPH  62-TONS  54-FT  1-P       0.00-BRK 1112-ATONS  1250-AFT
    CMAU 402532 LK40 MIXFRT ZS042                GLO4     IL APL LAN TRA
    ECMU 455579 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
 24 DTTD 759971 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  214 FROM HEAD 70-MPH  50-TONS  54-FT  1-P       0.00-BRK 1162-ATONS  1304-AFT
    BMOU 640596 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
    APZU 469497 LK40 MIXFRT ZS042                GLO4     IL APL LAN TRA
 25 DTTC 759971 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  213 FROM HEAD 70-MPH  50-TONS  54-FT  1-P       0.00-BRK 1212-ATONS  1358-AFT
    FSCU 857696 LK40 MIXFRT ZS042                GLO4     IL APL LAN TRA
    ECMU 458125 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
 26 DTTB 759971 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  212 FROM HEAD 70-MPH  45-TONS  54-FT  1-P       0.00-BRK 1257-ATONS  1412-AFT
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    GLDU 761799 LK40 MIXFRT ZS042                GLO4     IL APL LAN TRA
    APZU 487966 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
DTTX 885194      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 27 DTTA 885194 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  211 FROM HEAD 70-MPH  44-TONS  54-FT  1-P       3.00-BRK 1301-ATONS  1466-AFT
    APZU 470889 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
    CMAU 903691 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
 28 DTTE 885194 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  210 FROM HEAD 70-MPH  41-TONS  54-FT  1-P       0.00-BRK 1342-ATONS  1520-AFT
    APHU 730398 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
    CMAU 522989 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
 29 DTTD 885194 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  209 FROM HEAD 70-MPH  40-TONS  54-FT  1-P       0.00-BRK 1382-ATONS  1574-AFT
    CMAU 464129 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
    CMAU 907722 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
 30 DTTC 885194 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  208 FROM HEAD 70-MPH  42-TONS  54-FT  1-P       0.00-BRK 1424-ATONS  1628-AFT
    APHU 705300 LK40 MIXFRT ZS042                GLO4     IL APL LAN TRA
    GESU 585221 LK40 MIXFRT ZS042                GLO4     IL APL LAN TRA
 31 DTTB 885194 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  207 FROM HEAD 70-MPH  44-TONS  54-FT  1-P       0.00-BRK 1468-ATONS  1682-AFT
    TCNU 611301 LK40 MIXFRT ZS042                GLO4     IL APL LAN TRA
    TEMU 865306 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
 32 DTTX  55594 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  206 FROM HEAD 70-MPH  53-TONS  61-FT  1-P       1.00-BRK 1521-ATONS  1743-AFT
                SINGLE UNIT WELL CAR
    GESU 657114 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
    CMAU 510608 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
 33 DTTX 747760 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  205 FROM HEAD 70-MPH  47-TONS  65-FT  1-P       1.00-BRK 1568-ATONS  1808-AFT
                SINGLE UNIT WELL CAR
    TCNU 449136 LK40 MIXFRT ZS042                GLO4     IL APL LAN TRA
    TCNU 973369 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
NOKL 250400      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 34 NOKA 250400 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  204 FROM HEAD 70-MPH  40-TONS  54-FT  1-P       3.00-BRK 1608-ATONS  1862-AFT
    APZU 475561 LK40 MIXFRT ZS042                GLO4     IL APL LAN TRA
    TCNU 608402 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
 35 NOKE 250400 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  203 FROM HEAD 70-MPH  57-TONS  54-FT  1-P       0.00-BRK 1665-ATONS  1916-AFT
    APZU 486525 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
    CMAU 520422 LK40 MIXFRT ZS042                GLO4     IL APL LAN TRA
 36 NOKD 250400 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  202 FROM HEAD 70-MPH  56-TONS  54-FT  1-P       0.00-BRK 1721-ATONS  1970-AFT
    UESU 430349 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
    TCNU 363488 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
 37 NOKC 250400 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  201 FROM HEAD 70-MPH  52-TONS  54-FT  1-P       0.00-BRK 1773-ATONS  2024-AFT
    FCIU 824126 LK40 MIXFRT ZS042                GLO4     IL APL LAN TRA
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    BMOU 407676 LK40 MIXFRT ZS042                 GLO4     IL APL LAN TRA
 38 NOKB 250400 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  200 FROM HEAD 70-MPH  42-TONS  54-FT  1-P       0.00-BRK 1815-ATONS  2078-AFT
    CAXU 816915 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    APHU 723147 LK40 MIXFRT ZS042                 GLO4     IL APL LAN TRA
 39 NOKL 210231 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  199 FROM HEAD 70-MPH  47-TONS  65-FT  1-P       1.00-BRK 1862-ATONS  2143-AFT
                SINGLE UNIT WELL CAR
    TGHU 635031 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    CMAU 629190 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
DTTX 760259      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 40 DTTB 760259 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  198 FROM HEAD 70-MPH  40-TONS  54-FT  1-P       3.00-BRK 1902-ATONS  2197-AFT
    TGBU 632607 LK4E MIXFRT ZS042                 GLO4     IL APL LAN TRA
    TCKU 624991 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
 41 DTTC 760259 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  197 FROM HEAD 70-MPH  42-TONS  54-FT  1-P       0.00-BRK 1944-ATONS  2251-AFT
    BMOU 468997 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    TGBU 528238 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
 42 DTTD 760259 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  196 FROM HEAD 70-MPH  49-TONS  54-FT  1-P       0.00-BRK 1993-ATONS  2305-AFT
    TCNU 368340 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    TGHU 960049 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
 43 DTTE 760259 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  195 FROM HEAD 70-MPH  52-TONS  54-FT  1-P       0.00-BRK 2045-ATONS  2359-AFT
    CMAU  50979 LK1E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    TEMU 166303 LK1E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    TGBU 632644 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
 44 DTTA 760259 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  194 FROM HEAD 70-MPH  41-TONS  54-FT  1-P       0.00-BRK 2086-ATONS  2413-AFT
    TLLU 805285 LK1E MIXFRT ZS042                 GLO4     IL APL LAN TRA
    CAIU 380564 LK1E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    CMAU 627027 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
DTTX 748361      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 45 DTTA 748361 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  193 FROM HEAD 70-MPH  53-TONS  55-FT  1-P       3.00-BRK 2139-ATONS  2468-AFT
    CMAU 197350 LK1E MIXFRT ZS042                 GLO4     IL APL LAN TRA
    TLLU 280772 LK1E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    TCNU 374135 LK4E MIXFRT ZS042                 GLO4     IL EVERGR SHI A
 46 DTTE 748361 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  192 FROM HEAD 70-MPH  38-TONS  55-FT  1-P       0.00-BRK 2177-ATONS  2523-AFT
    APZU 488950 LK4E MIXFRT ZS042                 GLO4     IL APL LAN TRA
    APZU 432361 LK40 MIXFRT ZS042                 GLO4     IL APL LAN TRA
 47 DTTD 748361 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  191 FROM HEAD 70-MPH  37-TONS  55-FT  1-P       0.00-BRK 2214-ATONS  2578-AFT
    TCLU 445635 LK4E MIXFRT ZS042                 GLO4     IL APL LAN TRA
    CAIU 413494 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
 48 DTTC 748361 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  190 FROM HEAD 70-MPH  41-TONS  55-FT  1-P       0.00-BRK 2255-ATONS  2633-AFT
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    CMAU 619749 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
    APZU 453290 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
 49 DTTB 748361 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  189 FROM HEAD 70-MPH  37-TONS  55-FT  1-P       0.00-BRK 2292-ATONS  2688-AFT
    TTNU 447946 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
    TCNU 117140 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
 50 DTTX 467979 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  188 FROM HEAD 70-MPH  59-TONS  77-FT  1-P       1.00-BRK 2351-ATONS  2765-AFT
                SINGLE UNIT WELL CAR
    TCNU 124194 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
    CMAU 838058 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
BNSF 253032      P3A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 3 CARS
 51 BNSB 253032 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  187 FROM HEAD 70-MPH  47-TONS  68-FT  1-P       2.00-BRK 2398-ATONS  2833-AFT
    TLLU 509921 LK40 MIXFRT ZS042                GLO4     IL APL LAN TRA
    CMAU 744133 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
 52 BNSC 253032 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  186 FROM HEAD 70-MPH  39-TONS  68-FT  1-P       0.00-BRK 2437-ATONS  2901-AFT
    CMAU 628589 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
    ECMU 807659 LK5E MIXFRT ZS042                GLO4     IL CMA CGM AME
 53 BNSA 253032 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  185 FROM HEAD 70-MPH  46-TONS  68-FT  1-P       0.00-BRK 2483-ATONS  2969-AFT
    EMCU 141409 LK4E MIXFRT ZS042                GLO4     IL EVERGR SHI A
    ECMU 803898 LK5E MIXFRT ZS042                GLO4     IL CMA CGM AME
 54 BNSF 239244 LP5A                                        NO WAYBILL
  184 FROM HEAD 70-MPH 399-TONS 268-FT  5-P       2.50-BRK 2882-ATONS  3237-AFT
                MULTI-PLATFORM SPINE CAR
                SINGLE UNIT WELL CAR
DTTX 743493      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 55 DTTB 743493 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  183 FROM HEAD 70-MPH  58-TONS  54-FT  1-P       3.00-BRK 2940-ATONS  3291-AFT
    SKYU 401736 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
    CAIU 705645 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
 56 DTTC 743493 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  182 FROM HEAD 70-MPH  58-TONS  54-FT  1-P       0.00-BRK 2998-ATONS  3345-AFT
    ECMU 471780 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
    TCLU 183973 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
 57 DTTD 743493 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  181 FROM HEAD 70-MPH  42-TONS  54-FT  1-P       0.00-BRK 3040-ATONS  3399-AFT
    APHU 703372 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
    CMAU 583844 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
 58 DTTE 743493 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  180 FROM HEAD 70-MPH  46-TONS  54-FT  1-P       0.00-BRK 3086-ATONS  3453-AFT
    CMAU 577542 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
    CMAU 751345 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
 59 DTTA 743493 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  179 FROM HEAD 70-MPH  50-TONS  54-FT  1-P       0.00-BRK 3136-ATONS  3507-AFT
    EITU  54840 LK1E MIXFRT ZS042                GLO4     IL EVERGR SHI A
    CAIU 319976 LK10 MIXFRT ZS042                GLO4     IL APL LAN TRA
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    APHU 703204 LK40 MIXFRT ZS042                 GLO4     IL APL LAN TRA
DTTX 765843      P3A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 3 CARS
 60 DTTA 765843 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  178 FROM HEAD 70-MPH  53-TONS  69-FT  1-P       2.00-BRK 3189-ATONS  3576-AFT
    CMAU  17962 LK1E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    TRHU 305228 LK1E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    ECMU 815874 LK5E MIXFRT ZS042                 GLO4     IL CMA CGM AME
 61 DTTC 765843 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  177 FROM HEAD 70-MPH  59-TONS  69-FT  1-P       0.00-BRK 3248-ATONS  3645-AFT
    TGHU 291341 LK1E MIXFRT ZS042                 GLO4     IL APL LAN TRA
    CMAU 218250 LK1E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    ECMU 816347 LK5E MIXFRT ZS042                 GLO4     IL CMA CGM AME
 62 DTTB 765843 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  176 FROM HEAD 70-MPH  46-TONS  69-FT  1-P       0.00-BRK 3294-ATONS  3714-AFT
    TGHU 947326 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    TCNU 999799 LK50 MIXFRT ZS042                 GLO4     IL APL LAN TRA
DTTX 888628      P3A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 3 CARS
 63 DTTB 888628 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  175 FROM HEAD 70-MPH  53-TONS  68-FT  1-P       2.00-BRK 3347-ATONS  3782-AFT
    CMAU 708906 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    ECMU 811177 LK50 MIXFRT ZS042                 GLO4     IL APL LAN TRA
 64 DTTC 888628 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  174 FROM HEAD 70-MPH  63-TONS  68-FT  1-P       0.00-BRK 3410-ATONS  3850-AFT
    APHU 466214 LK50 MIXFRT ZS042                 GLO4     IL APL LAN TRA
    ECMU 809916 LK50 MIXFRT ZS042                 GLO4     IL APL LAN TRA
 65 DTTA 888628 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  173 FROM HEAD 70-MPH  55-TONS  68-FT  1-P       0.00-BRK 3465-ATONS  3918-AFT
    ECMU 816651 LK50 MIXFRT ZS042                 GLO4     IL APL LAN TRA
    ECMU 814159 LK5E MIXFRT ZS042                 GLO4     IL APL LAN TRA
DTTX 748589      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 66 DTTB 748589 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  172 FROM HEAD 70-MPH  45-TONS  55-FT  1-P       3.00-BRK 3510-ATONS  3973-AFT
    CMAU 413842 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    ECMU 818214 LK5E MIXFRT ZS042                 GLO4     IL CMA CGM AME
 67 DTTC 748589 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  171 FROM HEAD 70-MPH  42-TONS  55-FT  1-P       0.00-BRK 3552-ATONS  4028-AFT
    TCNU 266298 LK4E MIXFRT ZS042                 GLO4     IL APL LAN TRA
    TRLU 712078 LK4E MIXFRT ZS042                 GLO4     IL APL LAN TRA
 68 DTTD 748589 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  170 FROM HEAD 70-MPH  57-TONS  55-FT  1-P       0.00-BRK 3609-ATONS  4083-AFT
    AMCU 928557 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
                PROTECTIVE SERVICE
                                                  MAINTAIN 000 DEG
    UETU 553247 LK4E MIXFRT ZS042                 GLO4     IL APL LAN TRA
 69 DTTE 748589 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  169 FROM HEAD 70-MPH  65-TONS  55-FT  1-P       0.00-BRK 3674-ATONS  4138-AFT
    TRIU 818970 LK40 MIXFRT ZS042                 GLO4     IL APL LAN TRA
                PROTECTIVE SERVICE
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                                                    MAINTAIN 064 DEG
   ECMU 438183 LK4E MIXFRT ZS042                     GLO4     IL APL LAN TRA
 70 DTTA 748589 LP1A   COFC ZS042  01-809-96         GLO4     IL UNION PAC
  168 FROM HEAD 70-MPH  44-TONS  55-FT  1-P          0.00-BRK 3718-ATONS  4193-AFT
   SZLU 901306 LK4E MIXFRT ZS042                     GLO4     IL CMA CGM AME
               PROTECTIVE SERVICE
                                                    MAINTAIN 064 DEG
   CAIU 957463 LK40 MIXFRT ZS042                     GLO4     IL APL LAN TRA
BNSF 270662      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 71 BNSA 270662 LP1A   COFC ZS042  01-809-96         GLO4     IL UNION PAC
  167 FROM HEAD 70-MPH  58-TONS  54-FT  1-P          3.00-BRK 3776-ATONS  4247-AFT
   APZU 470435 LK40 MIXFRT ZS042                     GLO4     IL APL LAN TRA
   AMFU 889518 LK4E MIXFRT ZS042                     GLO4     IL APL LAN TRA
 72 BNSE 270662 LP1A   COFC ZS042  01-809-96         GLO4     IL UNION PAC
  166 FROM HEAD 70-MPH  56-TONS  54-FT  1-P          0.00-BRK 3832-ATONS  4301-AFT
   CMAU 806600 LK4E MIXFRT ZS042                     GLO4     IL APL LAN TRA
   FSCU 468434 LK4E MIXFRT ZS042                     GLO4     IL APL LAN TRA
 73 BNSD 270662 LP1A   COFC ZS042  01-809-96         GLO4     IL UNION PAC
  165 FROM HEAD 70-MPH  54-TONS  54-FT  1-P          0.00-BRK 3886-ATONS  4355-AFT
   APZU 430807 LK4E MIXFRT ZS042                     GLO4     IL APL LAN TRA
   TCKU 633347 LK4E MIXFRT ZS042                     GLO4     IL CMA CGM AME
 74 BNSC 270662 LP1A   COFC ZS042  01-809-96         GLO4     IL UNION PAC
  164 FROM HEAD 70-MPH  54-TONS  54-FT  1-P          0.00-BRK 3940-ATONS  4409-AFT
   CMAU 909011 LK4E MIXFRT ZS042                     GLO4     IL CMA CGM AME
   CMAU 462226 LK4E MIXFRT ZS042                     GLO4     IL CMA CGM AME
 75 BNSB 270662 LP1A   COFC ZS042  01-809-96         GLO4     IL UNION PAC
  163 FROM HEAD 70-MPH  65-TONS  54-FT  1-P          0.00-BRK 4005-ATONS  4463-AFT
   FCIU 893448 LK40 MIXFRT ZS042                     GLO4     IL APL LAN TRA
   CMAU 767612 LK4E MIXFRT ZS042                     GLO4     IL CMA CGM AME
BNSF 237399      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 76 BNSA 237399 LP1A   COFC ZS042  01-809-96         GLO4     IL UNION PAC
  162 FROM HEAD 70-MPH  53-TONS  54-FT  1-P          3.00-BRK 4058-ATONS  4517-AFT
   TCNU 293235 LK4E MIXFRT ZS042                     GLO4     IL CMA CGM AME
   CMAU 646447 LK4E MIXFRT ZS042                     GLO4     IL CMA CGM AME
 77 BNSE 237399 LP1A   COFC ZS042  01-809-96         GLO4     IL UNION PAC
  161 FROM HEAD 70-MPH  63-TONS  54-FT  1-P          0.00-BRK 4121-ATONS  4571-AFT
   CMAU 803128 LK4E MIXFRT ZS042                     GLO4     IL CMA CGM AME
   TCLU 409341 LK4E MIXFRT ZS042                     GLO4     IL APL LAN TRA
 78 BNSD 237399 LP1A   COFC ZS042  01-809-96         GLO4     IL UNION PAC
  160 FROM HEAD 70-MPH  49-TONS  54-FT  1-P          0.00-BRK 4170-ATONS  4625-AFT
   GIPU 437449 LK4E MIXFRT ZS042                     GLO4     IL APL LAN TRA
   CMAU 709479 LK4E MIXFRT ZS042                     GLO4     IL CMA CGM AME
 79 BNSC 237399 LP1A   COFC ZS042  01-809-96         GLO4     IL UNION PAC
  159 FROM HEAD 70-MPH  63-TONS  54-FT  1-P          0.00-BRK 4233-ATONS  4679-AFT
   ECMU 455568 LK4E MIXFRT ZS042                     GLO4     IL APL LAN TRA
   CMAU 645479 LK4E MIXFRT ZS042                     GLO4     IL CMA CGM AME
 80 BNSB 237399 LP1A   COFC ZS042  01-809-96         GLO4     IL UNION PAC
  158 FROM HEAD 70-MPH  39-TONS  54-FT  1-P          0.00-BRK 4272-ATONS  4733-AFT
   ECMU 123497 LK1E MIXFRT ZS042                     GLO4     IL CMA CGM AME
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    SKYU 230561 LK1E MIXFRT ZS042                GLO4     IL CMA CGM AME
    GESU 552628 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
BNSF 239747      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 81 BNSA 239747 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  157 FROM HEAD 70-MPH  65-TONS  54-FT  1-P       3.00-BRK 4337-ATONS  4787-AFT
    TLLU 208163 LK1E MIXFRT ZS042                GLO4     IL CMA CGM AME
    ECMU 191380 LK1E MIXFRT ZS042                GLO4     IL CMA CGM AME
    SEGU 481605 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
 82 BNSE 239747 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  156 FROM HEAD 70-MPH  56-TONS  54-FT  1-P       0.00-BRK 4393-ATONS  4841-AFT
    SEGU 177985 LK1E MIXFRT ZS042                GLO4     IL CMA CGM AME
    CMAU 123908 LK1E MIXFRT ZS042                GLO4     IL CMA CGM AME
    TGBU 514421 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
 83 BNSD 239747 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  155 FROM HEAD 70-MPH  57-TONS  54-FT  1-P       0.00-BRK 4450-ATONS  4895-AFT
    EQUU 204163 LK1E MIXFRT ZS042                GLO4     IL CMA CGM AME
    BEAU 200841 LK1E MIXFRT ZS042                GLO4     IL CMA CGM AME
    TCLU 553790 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
 84 BNSC 239747 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  154 FROM HEAD 70-MPH  51-TONS  54-FT  1-P       0.00-BRK 4501-ATONS  4949-AFT
    SLZU 720898 LK1E MIXFRT ZS042                GLO4     IL CMA CGM AME
    APZU 384074 LK10 MIXFRT ZS042                GLO4     IL APL LAN TRA
 85 BNSB 239747 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  153 FROM HEAD 70-MPH  78-TONS  54-FT  1-P       0.00-BRK 4579-ATONS  5003-AFT
    CMAU 169422 LK1E MIXFRT ZS042                GLO4     IL CMA CGM AME
    TCLU 247746 LK1E MIXFRT ZS042                GLO4     IL CMA CGM AME
    TLLU 423108 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
BNSF 238680      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 86 BNSB 238680 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  152 FROM HEAD 70-MPH  74-TONS  54-FT  1-P       3.00-BRK 4653-ATONS  5057-AFT
    CMAU  78924 LK1E MIXFRT ZS042                GLO4     IL CMA CGM AME
    FCIU 615246 LK1E MIXFRT ZS042                GLO4     IL CMA CGM AME
    CMAU 610471 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
 87 BNSC 238680 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  151 FROM HEAD 70-MPH  87-TONS  54-FT  1-P       0.00-BRK 4740-ATONS  5111-AFT
    APZU 317123 LK1E MIXFRT ZS042                GLO4     IL APL LAN TRA
    TCLU 293630 LK1E MIXFRT ZS042                GLO4     IL CMA CGM AME
    ECMU 448068 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
 88 BNSD 238680 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  150 FROM HEAD 70-MPH  51-TONS  54-FT  1-P       0.00-BRK 4791-ATONS  5165-AFT
    APZU 449722 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
    CMAU 626005 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
 89 BNSE 238680 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  149 FROM HEAD 70-MPH  44-TONS  54-FT  1-P       0.00-BRK 4835-ATONS  5219-AFT
    ECMU 447658 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
    APZU 482659 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
 90 BNSA 238680 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  148 FROM HEAD 70-MPH  45-TONS  54-FT  1-P       0.00-BRK 4880-ATONS  5273-AFT
    TCKU 632293 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
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    APZU 459274 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
 91 DTTX 449651 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  147 FROM HEAD 70-MPH  55-TONS  62-FT  1-P       1.00-BRK 4935-ATONS  5335-AFT
                SINGLE UNIT WELL CAR
    CMAU 468158 LK40 MIXFRT ZS042                GLO4     IL APL LAN TRA
    ECMU 967793 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
 92 DTTX 745046 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  146 FROM HEAD 70-MPH  50-TONS  65-FT  1-P       1.00-BRK 4985-ATONS  5400-AFT
                SINGLE UNIT WELL CAR
    FJKU 600584 LK40 MIXFRT ZS042                GLO4     IL APL LAN TRA
    UNIU 503776 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
AOK  004853      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 93 AOKB   4853 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  145 FROM HEAD 70-MPH  46-TONS  61-FT  1-P       3.00-BRK 5031-ATONS  5461-AFT
    TGHU 491918 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
    TCLU 675112 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
 94 AOKC   4853 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  144 FROM HEAD 70-MPH  45-TONS  61-FT  1-P       0.00-BRK 5076-ATONS  5522-AFT
    HJMU 498592 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
    CMAU 464257 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
 95 AOKD   4853 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  143 FROM HEAD 70-MPH  42-TONS  61-FT  1-P       0.00-BRK 5118-ATONS  5583-AFT
    TCNU 116766 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
    TGBU 507392 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
 96 AOKE   4853 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  142 FROM HEAD 70-MPH  45-TONS  61-FT  1-P       0.00-BRK 5163-ATONS  5644-AFT
    ECMU 446474 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
    TCNU 401623 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
 97 AOKA   4853 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  141 FROM HEAD 70-MPH  42-TONS  61-FT  1-P       0.00-BRK 5205-ATONS  5705-AFT
    FSCU 899521 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
    CMAU 443248 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
ATW  015184      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
 98 ATWB  15184 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  140 FROM HEAD 70-MPH  69-TONS  62-FT  1-P       3.00-BRK 5274-ATONS  5767-AFT
    TRLU 377951 LK1E MIXFRT ZS042                GLO4     IL APL LAN TRA
    DRYU 299035 LK1E MIXFRT ZS042                GLO4     IL EVERGR SHI A
    TLLU 510145 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
 99 ATWC  15184 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  139 FROM HEAD 70-MPH  61-TONS  62-FT  1-P       0.00-BRK 5335-ATONS  5829-AFT
    CMAU  39056 LK1E MIXFRT ZS042                GLO4     IL CMA CGM AME
    PGTU 232880 LK1E MIXFRT ZS042                GLO4     IL CMA CGM AME
    TCNU 313517 LK4E MIXFRT ZS042                GLO4     IL APL LAN TRA
100 ATWD  15184 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  138 FROM HEAD 70-MPH  65-TONS  62-FT  1-P       0.00-BRK 5400-ATONS  5891-AFT
    ANYU 110594 LK1E MIXFRT ZS042                GLO4     IL CMA CGM AME
    TGHU 157934 LK1E MIXFRT ZS042                GLO4     IL APL LAN TRA
    CMAU 645513 LK4E MIXFRT ZS042                GLO4     IL CMA CGM AME
101 ATWE  15184 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
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  137 FROM HEAD 70-MPH  75-TONS  62-FT  1-P       0.00-BRK 5475-ATONS  5953-AFT
    ANYU 110592 LK1E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    CMAU 101752 LK1E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    CMAU 583230 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
102 ATWA  15184 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  136 FROM HEAD 70-MPH  75-TONS  62-FT  1-P       0.00-BRK 5550-ATONS  6015-AFT
    TEMU 127717 LK1E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    TGHU 360513 LK1E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    TCNU 635018 LK40 MIXFRT ZS042                 GLO4     IL APL LAN TRA
NOKL 250790      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
103 NOKA 250790 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  135 FROM HEAD 70-MPH  78-TONS  54-FT  1-P       3.00-BRK 5628-ATONS  6069-AFT
    APZU 375082 LK1E MIXFRT ZS042                 GLO4     IL APL LAN TRA
    SESU 101324 LK1E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    CMAU 583805 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
104 NOKE 250790 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  134 FROM HEAD 70-MPH  44-TONS  54-FT  1-P       0.00-BRK 5672-ATONS  6123-AFT
    TLLU 463163 LK40 MIXFRT ZS042                 GLO4     IL APL LAN TRA
    CMAU 645231 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
105 NOKD 250790 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  133 FROM HEAD 70-MPH  38-TONS  54-FT  1-P       0.00-BRK 5710-ATONS  6177-AFT
    APHU 623057 LK40 MIXFRT ZS042                 GLO4     IL APL LAN TRA
    BMOU 672243 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
106 NOKC 250790 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  132 FROM HEAD 70-MPH  39-TONS  54-FT  1-P       0.00-BRK 5749-ATONS  6231-AFT
    FCIU 801182 LK40 MIXFRT ZS042                 GLO4     IL APL LAN TRA
    AMFU 878766 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
107 NOKB 250790 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  131 FROM HEAD 70-MPH  71-TONS  54-FT  1-P       0.00-BRK 5820-ATONS  6285-AFT
    CAIU 360364 LK1E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    TCKU 281095 LK1E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    TLLU 490645 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
108 DTTX 449710 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  130 FROM HEAD 70-MPH  64-TONS  62-FT  1-P       1.00-BRK 5884-ATONS  6347-AFT
                SINGLE UNIT WELL CAR
    FBLU   9632 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    CMAU 304226 LK1E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    ECMU 160652 LK1E MIXFRT ZS042                 GLO4     IL CMA CGM AME
DTTX 760892      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
109 DTTB 760892 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  129 FROM HEAD 70-MPH  44-TONS  54-FT  1-P       3.00-BRK 5928-ATONS  6401-AFT
    APZU 376622 LK1E MIXFRT ZS042                 GLO4     IL APL LAN TRA
    CAIU 341644 LK1E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    CMAU 769345 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
110 DTTC 760892 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  128 FROM HEAD 70-MPH  65-TONS  54-FT  1-P       0.00-BRK 5993-ATONS  6455-AFT
    ECMU 447200 LK4E MIXFRT ZS042                 GLO4     IL APL LAN TRA
    ECMU 817238 LK5E MIXFRT ZS042                 GLO4     IL APL LAN TRA
111 DTTD 760892 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
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  127 FROM HEAD 70-MPH  55-TONS  54-FT  1-P       0.00-BRK 6048-ATONS  6509-AFT
    GESU 578182 LK4E MIXFRT ZS042                 GLO4     IL APL LAN TRA
    TRLU 723372 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
112 DTTE 760892 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  126 FROM HEAD 70-MPH  55-TONS  54-FT  1-P       0.00-BRK 6103-ATONS  6563-AFT
    SEGU 620757 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    CAIU 947642 LK40 MIXFRT ZS042                 GLO4     IL APL LAN TRA
113 DTTA 760892 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  125 FROM HEAD 70-MPH  57-TONS  54-FT  1-P       0.00-BRK 6160-ATONS  6617-AFT
    ECMU 973676 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    CMAU 507335 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
DTTX 760121      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
114 DTTA 760121 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  124 FROM HEAD 70-MPH  60-TONS  54-FT  1-P       3.00-BRK 6220-ATONS  6671-AFT
    FCIU 871759 LK4E MIXFRT ZS042                 GLO4     IL APL LAN TRA
    GAOU 607541 LK4E MIXFRT ZS042                 GLO4     IL APL LAN TRA
115 DTTE 760121 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  123 FROM HEAD 70-MPH  45-TONS  54-FT  1-P       0.00-BRK 6265-ATONS  6725-AFT
    TCLU 958170 LK40 MIXFRT ZS042                 GLO4     IL APL LAN TRA
    APHU 644979 LK4E MIXFRT ZS042                 GLO4     IL APL LAN TRA
116 DTTD 760121 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  122 FROM HEAD 70-MPH  66-TONS  54-FT  1-P       0.00-BRK 6331-ATONS  6779-AFT
    CMAU 573042 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    CMAU 645495 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
117 DTTC 760121 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  121 FROM HEAD 70-MPH  43-TONS  54-FT  1-P       0.00-BRK 6374-ATONS  6833-AFT
    CMAU 443274 LK4E MIXFRT ZS042                 GLO4     IL APL LAN TRA
    TCNU 933322 LK4E MIXFRT ZS042                 GLO4     IL APL LAN TRA
118 DTTB 760121 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  120 FROM HEAD 70-MPH  40-TONS  54-FT  1-P       0.00-BRK 6414-ATONS  6887-AFT
    TCNU 345978 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    TCNU 736095 LK4E MIXFRT ZS042                 GLO4     IL APL LAN TRA
DTTX 741284      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
119 DTTB 741284 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  119 FROM HEAD 70-MPH  54-TONS  54-FT  1-P       3.00-BRK 6468-ATONS  6941-AFT
    APHU 639308 LK40 MIXFRT ZS042                 GLO4     IL APL LAN TRA
    TGBU 655272 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
120 DTTC 741284 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  118 FROM HEAD 70-MPH  65-TONS  54-FT  1-P       0.00-BRK 6533-ATONS  6995-AFT
    TEMU 686271 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    BEAU 412764 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
121 DTTD 741284 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  117 FROM HEAD 70-MPH  65-TONS  54-FT  1-P       0.00-BRK 6598-ATONS  7049-AFT
    TCKU 928153 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    TCKU 906032 LK4E MIXFRT ZS042                 GLO4     IL APL LAN TRA
122 DTTE 741284 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
  116 FROM HEAD 70-MPH  39-TONS  54-FT  1-P       0.00-BRK 6637-ATONS  7103-AFT
    TCNU 371754 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
    CMAU 512490 LK40 MIXFRT ZS042                 GLO4     IL APL LAN TRA
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 123 DTTA 741284 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
   115 FROM HEAD 70-MPH  39-TONS  54-FT  1-P       0.00-BRK 6676-ATONS  7157-AFT
     APZU 489602 LK4E MIXFRT ZS042                 GLO4     IL APL LAN TRA
     APHU 655817 LK40 MIXFRT ZS042                 GLO4     IL APL LAN TRA
 DTTX 400668      P3A ARTICULATED MULTI-WELL CAR
                      CONSISTS OF THE FOLLOWING 3 CARS
 124 DTTB 400668 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
   114 FROM HEAD 70-MPH  44-TONS  56-FT  1-P       2.00-BRK 6720-ATONS  7213-AFT
     APHU 714174 LK4E MIXFRT ZS042                 GLO4     IL APL LAN TRA
     CMAU 425010 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
 125 DTTC 400668 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
   113 FROM HEAD 70-MPH  49-TONS  56-FT  1-P       0.00-BRK 6769-ATONS  7269-AFT
     BMOU 671576 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
     CMAU 645564 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
 126 DTTA 400668 LP1A   COFC ZS042  01-809-96       GLO4     IL UNION PAC
   112 FROM HEAD 70-MPH  40-TONS  56-FT  1-P       0.00-BRK 6809-ATONS  7325-AFT
     CMAU 788448 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
     APHU 735107 LK4E MIXFRT ZS042                 GLO4     IL CMA CGM AME
BLOCK TOTALS   126 LOADS    0 MTYS    6809 G-TONS    7325 FEET
POWER BLOCK
UP  008694
UP  007229
BLOCK--  DADS   HL011            175
 127 DTTX 680197 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   111 FROM HEAD 70-MPH  49-TONS  77-FT  1-P       1.00-BRK 6858-ATONS  7402-AFT
                 SINGLE UNIT WELL CAR
     EMCU 971367 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
     TLLU 542124 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 128 DTTX 645989 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   110 FROM HEAD 70-MPH  45-TONS  77-FT  1-P       1.00-BRK 6903-ATONS  7479-AFT
                 SINGLE UNIT WELL CAR
     BMOU 474000 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
     TEMU 621751 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 129 DTTX 747333 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   109 FROM HEAD 70-MPH  75-TONS  65-FT  1-P       1.00-BRK 6978-ATONS  7544-AFT
                 SINGLE UNIT WELL CAR
     EISU 177775 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
     BMOU 310879 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 DTTX 750642      P5A ARTICULATED MULTI-WELL CAR
                      CONSISTS OF THE FOLLOWING 5 CARS
 130 DTTA 750642 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   108 FROM HEAD 70-MPH  30-TONS  54-FT  1-P       3.00-BRK 7008-ATONS  7598-AFT
     BSIU 950672 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
     DFSU 689615 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 131 DTTE 750642 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   107 FROM HEAD 70-MPH  49-TONS  54-FT  1-P       0.00-BRK 7057-ATONS  7652-AFT
     BMOU 465043 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
     EISU 187897 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 132 DTTD 750642 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   106 FROM HEAD 70-MPH  58-TONS  54-FT  1-P       0.00-BRK 7115-ATONS  7706-AFT
     TCLU 917411 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
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    EGHU 105678 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
133 DTTC 750642 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
  105 FROM HEAD 70-MPH  65-TONS  54-FT  1-P       0.00-BRK 7180-ATONS  7760-AFT
    TCLU 833130 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EISU 175935 LK40 MIXFRT HL011                 DIT      TX EVERGR SHI A
134 DTTB 750642 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
  104 FROM HEAD 70-MPH  39-TONS  54-FT  1-P       0.00-BRK 7219-ATONS  7814-AFT
    EITU 134617 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EISU 919048 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
135 DTTX 652774 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
  103 FROM HEAD 70-MPH  70-TONS  77-FT  1-P       1.00-BRK 7289-ATONS  7891-AFT
                SINGLE UNIT WELL CAR
    EMCU 980548 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 160857 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
136 DTTX 467451 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
  102 FROM HEAD 70-MPH  68-TONS  77-FT  1-P       1.00-BRK 7357-ATONS  7968-AFT
                SINGLE UNIT WELL CAR
    EGHU 101234 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EISU 928720 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
137 DTTX 747564 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
  101 FROM HEAD 70-MPH  63-TONS  65-FT  1-P       1.00-BRK 7420-ATONS  8033-AFT
                SINGLE UNIT WELL CAR
    EITU 163111 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EISU 173030 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
DTTX 751350      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
138 DTTB 751350 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
  100 FROM HEAD 70-MPH  59-TONS  54-FT  1-P       3.00-BRK 7479-ATONS  8087-AFT
    EGSU 914601 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EMCU 141659 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
139 DTTC 751350 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   99 FROM HEAD 70-MPH  46-TONS  54-FT  1-P       0.00-BRK 7525-ATONS  8141-AFT
    EMCU 982388 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EISU 910327 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
140 DTTD 751350 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   98 FROM HEAD 70-MPH  65-TONS  54-FT  1-P       0.00-BRK 7590-ATONS  8195-AFT
    TCLU 912989 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    DFSU 689862 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
141 DTTE 751350 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   97 FROM HEAD 70-MPH  45-TONS  54-FT  1-P       0.00-BRK 7635-ATONS  8249-AFT
    EGHU 935556 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TCLU 631181 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
142 DTTA 751350 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   96 FROM HEAD 70-MPH  63-TONS  54-FT  1-P       0.00-BRK 7698-ATONS  8303-AFT
    EITU 184564 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    DRYU 416652 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
DTTX 740356      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
143 DTTB 740356 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   95 FROM HEAD 70-MPH  52-TONS  54-FT  1-P       3.00-BRK 7750-ATONS  8357-AFT
    EISU 944311 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
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    EITU 127460 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
144 DTTC 740356 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   94 FROM HEAD 70-MPH  62-TONS  54-FT  1-P       0.00-BRK 7812-ATONS  8411-AFT
    EISU 937667 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    EITU 117749 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
145 DTTD 740356 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   93 FROM HEAD 70-MPH  45-TONS  54-FT  1-P       0.00-BRK 7857-ATONS  8465-AFT
    TEMU 620623 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    TGBU 678283 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
146 DTTE 740356 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   92 FROM HEAD 70-MPH  49-TONS  54-FT  1-P       0.00-BRK 7906-ATONS  8519-AFT
    TEMU 607600 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    TCNU 545207 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
147 DTTA 740356 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   91 FROM HEAD 70-MPH  62-TONS  54-FT  1-P       0.00-BRK 7968-ATONS  8573-AFT
    TCLU 858585 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    FCIU 978220 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
DTTX 748324      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
148 DTTA 748324 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   90 FROM HEAD 70-MPH  46-TONS  55-FT  1-P       3.00-BRK 8014-ATONS  8628-AFT
    EMCU 976714 LK40 MIXFRT HL011                DIT      TX EVERGR SHI A
    EMCU 945012 LK40 MIXFRT HL011                DIT      TX EVERGR SHI A
149 DTTE 748324 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   89 FROM HEAD 70-MPH  52-TONS  55-FT  1-P       0.00-BRK 8066-ATONS  8683-AFT
    TGCU 514526 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    CARU 948551 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
150 DTTD 748324 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   88 FROM HEAD 70-MPH  42-TONS  55-FT  1-P       0.00-BRK 8108-ATONS  8738-AFT
    EITU 170156 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    EMCU 966840 LK40 MIXFRT HL011                DIT      TX EVERGR SHI A
151 DTTC 748324 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   87 FROM HEAD 70-MPH  49-TONS  55-FT  1-P       0.00-BRK 8157-ATONS  8793-AFT
    TCLU 935019 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    FSCU 833363 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
152 DTTB 748324 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   86 FROM HEAD 70-MPH  36-TONS  55-FT  1-P       0.00-BRK 8193-ATONS  8848-AFT
    TCLU 856023 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    FCIU 978773 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
DTTX 742634      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
153 DTTA 742634 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   85 FROM HEAD 70-MPH  78-TONS  54-FT  1-P       3.00-BRK 8271-ATONS  8902-AFT
    EGHU 329458 LK1E MIXFRT HL011                DIT      TX EVERGR SHI A
    EGHU 328675 LK1E MIXFRT HL011                DIT      TX EVERGR SHI A
    EITU 145750 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
154 DTTE 742634 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   84 FROM HEAD 70-MPH  71-TONS  54-FT  1-P       0.00-BRK 8342-ATONS  8956-AFT
    DFSU 110881 LK1E MIXFRT HL011                DIT      TX EVERGR SHI A
    TEMU 715073 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    HMCU 920098 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
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155 DTTD 742634 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   83 FROM HEAD 70-MPH  44-TONS  54-FT  1-P       0.00-BRK 8386-ATONS  9010-AFT
    XINU 816044 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TEMU 783867 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
156 DTTC 742634 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   82 FROM HEAD 70-MPH  56-TONS  54-FT  1-P       0.00-BRK 8442-ATONS  9064-AFT
    TEMU  80178 LK1E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 138754 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
157 DTTB 742634 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   81 FROM HEAD 70-MPH  50-TONS  54-FT  1-P       0.00-BRK 8492-ATONS  9118-AFT
    TGBU 630237 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    BMOU 489631 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
158 DTTX  55657 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   80 FROM HEAD 70-MPH  61-TONS  61-FT  1-P       1.00-BRK 8553-ATONS  9179-AFT
                SINGLE UNIT WELL CAR
    EISU 185372 LK40 MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 106892 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
159 DTTX 747649 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   79 FROM HEAD 70-MPH  61-TONS  65-FT  1-P       1.00-BRK 8614-ATONS  9244-AFT
                SINGLE UNIT WELL CAR
    IMTU 108667 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EGHU 904484 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
160 DTTX 449511 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   78 FROM HEAD 70-MPH  69-TONS  62-FT  1-P       1.00-BRK 8683-ATONS  9306-AFT
                SINGLE UNIT WELL CAR
    EITU 102926 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EISU 907492 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
DTTX 748310      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
161 DTTB 748310 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   77 FROM HEAD 70-MPH  39-TONS  54-FT  1-P       3.00-BRK 8722-ATONS  9360-AFT
                DO NOT HUMP
    TEMU 644293 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
162 DTTC 748310 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   76 FROM HEAD 70-MPH  28-TONS  54-FT  1-P       0.00-BRK 8750-ATONS  9414-AFT
                DO NOT HUMP
    MAGU 548835 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
163 DTTD 748310 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   75 FROM HEAD 70-MPH  41-TONS  54-FT  1-P       0.00-BRK 8791-ATONS  9468-AFT
                DO NOT HUMP
    TGCU 509365 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
164 DTTE 748310 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   74 FROM HEAD 70-MPH  39-TONS  54-FT  1-P       0.00-BRK 8830-ATONS  9522-AFT
    TEMU 644832 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EMCU 948745 LK40 MIXFRT HL011                 DIT      TX EVERGR SHI A
165 DTTA 748310 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   73 FROM HEAD 70-MPH  54-TONS  54-FT  1-P       0.00-BRK 8884-ATONS  9576-AFT
    DRYU 416918 LK40 MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 163286 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
DTTX 743470      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
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166 DTTA 743470 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   72 FROM HEAD 70-MPH  39-TONS  54-FT  1-P       3.00-BRK 8923-ATONS  9630-AFT
    TCNU 746671 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    BMOU 543970 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
167 DTTE 743470 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   71 FROM HEAD 70-MPH  45-TONS  54-FT  1-P       0.00-BRK 8968-ATONS  9684-AFT
    TLLU 400753 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 121040 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
168 DTTD 743470 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   70 FROM HEAD 70-MPH  59-TONS  54-FT  1-P       0.00-BRK 9027-ATONS  9738-AFT
    EITU 168765 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 104433 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
169 DTTC 743470 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   69 FROM HEAD 70-MPH  50-TONS  54-FT  1-P       0.00-BRK 9077-ATONS  9792-AFT
    TGCU 515231 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    IMTU 106901 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
170 DTTB 743470 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   68 FROM HEAD 70-MPH  46-TONS  54-FT  1-P       0.00-BRK 9123-ATONS  9846-AFT
    EGHU 920576 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TCKU 653558 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
DTTX 743083      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
171 DTTB 743083 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   67 FROM HEAD 70-MPH  41-TONS  54-FT  1-P       3.00-BRK 9164-ATONS  9900-AFT
    TEMU 892900 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TLLU 478789 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
172 DTTC 743083 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   66 FROM HEAD 70-MPH  40-TONS  54-FT  1-P       0.00-BRK 9204-ATONS  9954-AFT
    BSIU 945290 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TGCU 515134 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
173 DTTD 743083 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   65 FROM HEAD 70-MPH  47-TONS  54-FT  1-P       0.00-BRK 9251-ATONS 10008-AFT
    TCNU 363622 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    SEGU 588314 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
174 DTTE 743083 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   64 FROM HEAD 70-MPH  39-TONS  54-FT  1-P       0.00-BRK 9290-ATONS 10062-AFT
    BMOU 538609 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EISU 934303 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
175 DTTA 743083 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   63 FROM HEAD 70-MPH  57-TONS  54-FT  1-P       0.00-BRK 9347-ATONS 10116-AFT
    EMCU 980608 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TGCU 515088 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
DTTX 760942      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
176 DTTB 760942 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   62 FROM HEAD 70-MPH  39-TONS  54-FT  1-P       3.00-BRK 9386-ATONS 10170-AFT
    FSCU 709301 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 159442 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
177 DTTC 760942 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   61 FROM HEAD 70-MPH  40-TONS  54-FT  1-P       0.00-BRK 9426-ATONS 10224-AFT
    TCLU 915303 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
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    EITU 132606 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
178 DTTD 760942 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   60 FROM HEAD 70-MPH  47-TONS  54-FT  1-P       0.00-BRK 9473-ATONS 10278-AFT
    TCNU 635073 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 115499 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
179 DTTE 760942 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   59 FROM HEAD 70-MPH  51-TONS  54-FT  1-P       0.00-BRK 9524-ATONS 10332-AFT
    TEMU 621785 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EGHU 101355 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
180 DTTA 760942 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   58 FROM HEAD 70-MPH  38-TONS  54-FT  1-P       0.00-BRK 9562-ATONS 10386-AFT
    EITU 168101 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    MAGU 532829 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
DTTX 749210      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
181 DTTB 749210 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   57 FROM HEAD 70-MPH  51-TONS  55-FT  1-P       3.00-BRK 9613-ATONS 10441-AFT
    HMCU 907754 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 105210 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
182 DTTC 749210 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   56 FROM HEAD 70-MPH  52-TONS  55-FT  1-P       0.00-BRK 9665-ATONS 10496-AFT
    HMCU 103957 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 121580 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
183 DTTD 749210 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   55 FROM HEAD 70-MPH  43-TONS  55-FT  1-P       0.00-BRK 9708-ATONS 10551-AFT
    XINU 816312 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TGHU 888619 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
184 DTTE 749210 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   54 FROM HEAD 70-MPH  37-TONS  55-FT  1-P       0.00-BRK 9745-ATONS 10606-AFT
    TCNU 346045 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    GAOU 631161 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
185 DTTA 749210 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   53 FROM HEAD 70-MPH  52-TONS  55-FT  1-P       0.00-BRK 9797-ATONS 10661-AFT
    TCLU 792803 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TGBU 695513 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
DTTX 760986      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
186 DTTB 760986 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   52 FROM HEAD 70-MPH  49-TONS  54-FT  1-P       3.00-BRK 9846-ATONS 10715-AFT
    BMOU 543454 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 146751 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
187 DTTC 760986 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   51 FROM HEAD 70-MPH  55-TONS  54-FT  1-P       0.00-BRK 9901-ATONS 10769-AFT
    BMOU 488239 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EITU 195682 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
188 DTTD 760986 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   50 FROM HEAD 70-MPH  66-TONS  54-FT  1-P       0.00-BRK 9967-ATONS 10823-AFT
    GAOU 623997 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EISU 153296 LK40 MIXFRT HL011                 DIT      TX EVERGR SHI A
189 DTTE 760986 LP1A   COFC HL011  03-802-96 RAMP  DIT       TX UNION PAC
   49 FROM HEAD 70-MPH  42-TONS  54-FT  1-P       0.00-BRK10009-ATONS 10877-AFT
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    BMOU 544956 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    BMOU 544165 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
190 DTTA 760986 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   48 FROM HEAD 70-MPH  33-TONS  54-FT  1-P       0.00-BRK10042-ATONS 10931-AFT
    TCNU 208788 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    EITU 123098 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
191 DTTX 645679 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   47 FROM HEAD 70-MPH  59-TONS  77-FT  1-P       1.00-BRK10101-ATONS 11008-AFT
                SINGLE UNIT WELL CAR
    EISU 173706 LK40 MIXFRT HL011                DIT      TX EVERGR SHI A
    TCLU 633230 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
DTTX 751199      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
192 DTTA 751199 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   46 FROM HEAD 70-MPH  38-TONS  54-FT  1-P       3.00-BRK10139-ATONS 11062-AFT
    MAGU 549723 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    FCIU 704817 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
193 DTTE 751199 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   45 FROM HEAD 70-MPH  61-TONS  54-FT  1-P       0.00-BRK10200-ATONS 11116-AFT
    IMTU 108571 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    EITU 106632 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
194 DTTD 751199 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   44 FROM HEAD 70-MPH  51-TONS  54-FT  1-P       0.00-BRK10251-ATONS 11170-AFT
    HMCU 912519 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    EITU 122983 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
195 DTTC 751199 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   43 FROM HEAD 70-MPH  52-TONS  54-FT  1-P       0.00-BRK10303-ATONS 11224-AFT
    EITU 114834 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    BMOU 477524 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
196 DTTB 751199 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   42 FROM HEAD 70-MPH  35-TONS  54-FT  1-P       0.00-BRK10338-ATONS 11278-AFT
    EITU 169445 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    BMOU 477393 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
DTTX 785524      P3A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 3 CARS
197 DTTA 785524 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   41 FROM HEAD 70-MPH  44-TONS  68-FT  1-P       2.00-BRK10382-ATONS 11346-AFT
    HMCU 922238 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    EITU 113334 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
198 DTTC 785524 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   40 FROM HEAD 70-MPH  69-TONS  68-FT  1-P       0.00-BRK10451-ATONS 11414-AFT
    HMCU 108124 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    EISU 187571 LK40 MIXFRT HL011                DIT      TX EVERGR SHI A
199 DTTB 785524 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   39 FROM HEAD 70-MPH  56-TONS  68-FT  1-P       0.00-BRK10507-ATONS 11482-AFT
    EITU 192946 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
    EGHU 936848 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
BNSF 238019      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
200 BNSB 238019 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   38 FROM HEAD 70-MPH  40-TONS  54-FT  1-P       3.00-BRK10547-ATONS 11536-AFT
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     XINU 810753 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     TCLU 831632 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 201 BNSC 238019 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    37 FROM HEAD 70-MPH  39-TONS  54-FT  1-P       0.00-BRK10586-ATONS 11590-AFT
     EITU 143554 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     EITU 172294 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 202 BNSD 238019 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    36 FROM HEAD 70-MPH  37-TONS  54-FT  1-P       0.00-BRK10623-ATONS 11644-AFT
     TGHU 909690 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     EITU 149739 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 203 BNSE 238019 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    35 FROM HEAD 70-MPH  43-TONS  54-FT  1-P       0.00-BRK10666-ATONS 11698-AFT
     EITU 152532 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     TCNU 168198 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 204 BNSA 238019 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    34 FROM HEAD 70-MPH  39-TONS  54-FT  1-P       0.00-BRK10705-ATONS 11752-AFT
     TCLU 889471 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     EITU 131949 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 205 FEC   70650 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    33 FROM HEAD 70-MPH  61-TONS  77-FT  1-P       1.00-BRK10766-ATONS 11829-AFT
                 SINGLE UNIT WELL CAR
     TCKU 612625 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     EGHU 906336 LK4H MIXFRT HL011                DIT      TX EVERGR SHI A
 NOKL 230366      P3A ARTICULATED MULTI-WELL CAR
                      CONSISTS OF THE FOLLOWING 3 CARS
 206 NOKB 230366 LP1A HAZMTL HL011  03-802-96 RAMP  DIT      TX UNION PAC
    32 FROM HEAD 70-MPH  55-TONS  57-FT  1-P       2.00-BRK10821-ATONS 11886-AFT
                 SHOVE TO REST AND COVER          DO NOT HUMP
                 DOUBLE STACKED
     EMCU 975106 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     TCLU 431534 LK4E MXHAZD HL011                DIT      TX EVERGR SHI A
                                        1650/BOX, 6435/KG
**************************              UN1170
* DANGEROUS             *              ETHYL ALCOHOL SOLUTION
**************************              3
EMERGENCY CONTACT:                      PG II
  1-800-451-8346                        SHIPPER CONTACT
                                          3E COMPANY
                                        HAZMAT STCC = 4909159


                                        2524/BOX, 8582/KG
**************************              UN1170
*                        *              ETHYL ALCOHOL SOLUTION
**************************              3
EMERGENCY CONTACT:                      PG II
  1-800-451-8346                        SHIPPER CONTACT
                                          3E COMPANY
                                        HAZMAT STCC = 4909159


                                        601/BOX, 1082/KG
**************************              UN1170
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*                        *              ETHYL ALCOHOL SOLUTION
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EMERGENCY CONTACT:                      PG II
  1-800-451-8346                        SHIPPER CONTACT
                                          3E COMPANY
                                        HAZMAT STCC = 4909159
                  DO NOT HUMP
 207 NOKC 230366 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    31 FROM HEAD 70-MPH  44-TONS  57-FT  1-P       0.00-BRK10865-ATONS 11943-AFT
     SEGU 531940 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     IMTU 100762 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 208 NOKA 230366 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    30 FROM HEAD 70-MPH  43-TONS  57-FT  1-P       0.00-BRK10908-ATONS 12000-AFT
     EMCU 982715 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     EITU 190306 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 DTTX 760204      P5A ARTICULATED MULTI-WELL CAR
                      CONSISTS OF THE FOLLOWING 5 CARS
 209 DTTA 760204 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    29 FROM HEAD 70-MPH  56-TONS  54-FT  1-P       3.00-BRK10964-ATONS 12054-AFT
     EISU 943602 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     HMCU 919306 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 210 DTTE 760204 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    28 FROM HEAD 70-MPH  35-TONS  54-FT  1-P       0.00-BRK10999-ATONS 12108-AFT
     EITU 152748 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     EGSU 913037 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 211 DTTD 760204 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    27 FROM HEAD 70-MPH  38-TONS  54-FT  1-P       0.00-BRK11037-ATONS 12162-AFT
     TCLU 491009 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     EITU 100847 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 212 DTTC 760204 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    26 FROM HEAD 70-MPH  38-TONS  54-FT  1-P       0.00-BRK11075-ATONS 12216-AFT
     BMOU 496223 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     BEAU 445196 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 213 DTTB 760204 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    25 FROM HEAD 70-MPH  37-TONS  54-FT  1-P       0.00-BRK11112-ATONS 12270-AFT
     SEGU 598939 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     TLLU 574939 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 214 DTTX 745413 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    24 FROM HEAD 70-MPH  57-TONS  65-FT  1-P       1.00-BRK11169-ATONS 12335-AFT
                  SINGLE UNIT WELL CAR
     TCNU 345695 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     TGCU 508221 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 DTTX 062638      P5A ARTICULATED MULTI-WELL CAR
                      CONSISTS OF THE FOLLOWING 5 CARS
 215 DTTA  62638 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    23 FROM HEAD 70-MPH  34-TONS  59-FT  1-P       3.00-BRK11203-ATONS 12394-AFT
     TCLU 855415 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
     EISU 914013 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
 216 DTTE  62638 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    22 FROM HEAD 70-MPH  34-TONS  59-FT  1-P       0.00-BRK11237-ATONS 12453-AFT
     TEMU 895845 LK4E MIXFRT HL011                DIT      TX EVERGR SHI A
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    TGBU 690359 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
217 DTTD  62638 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   21 FROM HEAD 70-MPH  34-TONS  59-FT  1-P       0.00-BRK11271-ATONS 12512-AFT
    EITU 193877 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TCLU 497073 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
218 DTTC  62638 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   20 FROM HEAD 70-MPH  49-TONS  59-FT  1-P       0.00-BRK11320-ATONS 12571-AFT
    TEMU 714643 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    BMOU 500186 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
219 DTTB  62638 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   19 FROM HEAD 70-MPH  49-TONS  59-FT  1-P       0.00-BRK11369-ATONS 12630-AFT
    TGBU 500057 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    FCIU 954196 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
220 DTTX 659360 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   18 FROM HEAD 70-MPH  42-TONS  77-FT  1-P       1.00-BRK11411-ATONS 12707-AFT
                SINGLE UNIT WELL CAR
    FCIU 729370 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    BMOU 498316 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
221 DTTX 656835 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   17 FROM HEAD 70-MPH  41-TONS  77-FT  1-P       1.00-BRK11452-ATONS 12784-AFT
                SINGLE UNIT WELL CAR
    EITU 103693 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TCLU 816904 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
DTTX 621019      P3A SOLID DRAWBAR CONNECTED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 3 CARS
222 DTTB 621019 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   16 FROM HEAD 70-MPH  49-TONS  77-FT  1-P       3.00-BRK11501-ATONS 12861-AFT
    EGSU 918505 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    GAOU 630753 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
223 DTTC 621019 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   15 FROM HEAD 70-MPH  43-TONS  77-FT  1-P       0.00-BRK11544-ATONS 12938-AFT
    EISU 928493 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    FDCU  24042 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
224 DTTA 621019 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   14 FROM HEAD 70-MPH  48-TONS  77-FT  1-P       0.00-BRK11592-ATONS 13015-AFT
    TGHU 910679 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    TGBU 658414 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
DTTX 751228      P5A ARTICULATED MULTI-WELL CAR
                     CONSISTS OF THE FOLLOWING 5 CARS
225 DTTB 751228 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   13 FROM HEAD 70-MPH  38-TONS  54-FT  1-P       3.00-BRK11630-ATONS 13069-AFT
    EGHU 106281 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EISU 919075 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
226 DTTC 751228 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   12 FROM HEAD 70-MPH  32-TONS  54-FT  1-P       0.00-BRK11662-ATONS 13123-AFT
    TGHU 902038 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EISU 911777 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
227 DTTD 751228 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
   11 FROM HEAD 70-MPH  39-TONS  54-FT  1-P       0.00-BRK11701-ATONS 13177-AFT
    MAGU 538406 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
    EMCU 802573 LK50 MIXFRT HL011                 DIT      TX EVERGR SHI A
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 228 DTTE 751228 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
    10 FROM HEAD 70-MPH  39-TONS  54-FT  1-P       0.00-BRK11740-ATONS 13231-AFT
     TEMU 609212 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
     TLLU 585185 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 229 DTTA 751228 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
     9 FROM HEAD 70-MPH  41-TONS  54-FT  1-P       0.00-BRK11781-ATONS 13285-AFT
     HMCU 915101 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
     TGHU 887855 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 230 DTTX 652544 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
     8 FROM HEAD 70-MPH  50-TONS  77-FT  1-P       1.00-BRK11831-ATONS 13362-AFT
                 SINGLE UNIT WELL CAR
     EGSU 917879 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
     EITU 175374 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 231 DTTX 657665 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
     7 FROM HEAD 70-MPH  50-TONS  77-FT  1-P       1.00-BRK11881-ATONS 13439-AFT
                 SINGLE UNIT WELL CAR
     TEMU 735394 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
     BEAU 436941 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 DTTX 723009      P3A ARTICULATED MULTI-WELL CAR
                      CONSISTS OF THE FOLLOWING 3 CARS
 232 DTTB 723009 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
     6 FROM HEAD 70-MPH  57-TONS  68-FT  1-P       2.00-BRK11938-ATONS 13507-AFT
     EITU 153221 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
     TCLU 866473 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 233 DTTC 723009 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
     5 FROM HEAD 70-MPH  54-TONS  68-FT  1-P       0.00-BRK11992-ATONS 13575-AFT
     EITU 117066 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
     TEMU 776190 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 234 DTTA 723009 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
     4 FROM HEAD 70-MPH  77-TONS  68-FT  1-P       0.00-BRK12069-ATONS 13643-AFT
     EGHU 339445 LK1E MIXFRT HL011                 DIT      TX EVERGR SHI A
     TGCU 202312 LK1E MIXFRT HL011                 DIT      TX EVERGR SHI A
     HMCU 108023 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 DTTX 786342      P3A ARTICULATED MULTI-WELL CAR
                      CONSISTS OF THE FOLLOWING 3 CARS
 235 DTTB 786342 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
     3 FROM HEAD 70-MPH  66-TONS  68-FT  1-P       2.00-BRK12135-ATONS 13711-AFT
     EITU  59641 LK1E MIXFRT HL011                 DIT      TX EVERGR SHI A
     EMCU 373893 LK10 MIXFRT HL011                 DIT      TX EVERGR SHI A
     TGHU 697064 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 236 DTTC 786342 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
     2 FROM HEAD 70-MPH  70-TONS  68-FT  1-P       0.00-BRK12205-ATONS 13779-AFT
     EITU   7712 LK1E MIXFRT HL011                 DIT      TX EVERGR SHI A
     FCIU 542958 LK1E MIXFRT HL011                 DIT      TX EVERGR SHI A
     GATU 873869 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
 237 DTTA 786342 LP1A   COFC HL011  03-802-96 RAMP  DIT      TX UNION PAC
     1 FROM HEAD 70-MPH  78-TONS  68-FT  1-P       0.00-BRK12283-ATONS 13847-AFT
     EISU 212944 LK1E MIXFRT HL011                 DIT      TX EVERGR SHI A
     MAGU 231914 LK1E MIXFRT HL011                 DIT      TX EVERGR SHI A
     EGHU 937759 LK4E MIXFRT HL011                 DIT      TX EVERGR SHI A
BLOCK TOTALS   111 LOADS    0 MTYS    5474 G-TONS    6522 FEET
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CAR-TOTALS 237 LOADS 0 MTYS 12283 G-TONS 13847 FEET 7430 N-TONS
POWER BLOCK
UP 006064
UP 006493
UP 007430

****

H A Z A R D O U S M A T E R I A L R E S P O N S E I N F O R M A T I O N

****

TRAIN-- ILXMD 15
206 FROM CAB/EOT NOKB230366 L 032 FROM HEAD V/K=TCLU431534 L
206 FROM CAB/EOT NOKB230366 L 032 FROM HEAD
206 FROM CAB/EOT NOKB230366 L 032 FROM HEAD
COMMODITY NUMBER IS 4909159

****

H I G H V A L U E L O A D S

****

TRAIN-- ILXMD 15
3380-THERE ARE NO CARS ON THIS TRAIN WITH HIGH VALUE LOADS
3392-END OF TRAIN LIST

ADMINISTER OXYGEN IF BREATHING IS DIFFICULT.
REMOVE AND ISOLATE CONTAMINATED CLOTHING AND SHOES.
IN CASE OF CONTACT WITH SUBSTANCE, IMMEDIATELY FLUSH SKIN OR EYES WITH RUNNING WATER FOR AT LEAST 20 MINUTES.
WASH SKIN WITH SOAP AND WATER.
IN CASE OF BURNS, IMMEDIATELY COOL AFFECTED SKIN FOR AS LONG AS POSSIBLE WITH COLD WATER.
DO NOT REMOVE CLOTHING IF ADHERING TO SKIN.
KEEP VICTIM CALM AND WARM.

TRAIN LIST B - AFTER PICK-UP AT EVANSTON

E N G I N E E R' S C O P Y

T R A I N L I S T I S S U E N O. 1

TRAIN/JOB: ILXMD 15 NAME:
CNDR: A CONDUCTOR ENGR: A ENGINEER C/F TODAY 0600
SECONDARY TRAIN ID: FDKMET TRAIN DIRECTION OUT OF IA431 : SOUTH
237-LOADS 0-MTYS 12283-GTONS CAR LENGTH: 13847-FT TRAIN LENGTH: 14294-FT
****
HAZARDOUS MATERIAL IN TRAIN YES TRAIN WGT: 13537-TN
RAIL SECURITY SENSITIVE MATERIAL SHIPMENTS NONE
FORM 8620 PLACEMENT ERRORS NO
SSI ITEM 5 PLACEMENT ERRORS/WARNINGS UNKNOWN
TRAIN LENGTH EXCEPTION NO
TRAIN HAS HIGH / WIDE SHIPMENTS NO
LEAD LOCOMOTIVE IS PTC EQUIPPED YES (OPERATIVE FOR ALL TRAIN SIZES)
LEAD LOCOMOTIVE IS EMS EQUIPPED YES
TRIP OPTIMIZER (PTC-INTEGRATED) (OPERATIVE) (P)
****
****
SSI MAXIMUM SPEED (UNLESS OTHERWISE RESTRICTED) IS AS FOLLOWS:
MAXIMUM SPEED * 70 * MPH BETWEEN IA431 AND CT321 LOWEST CAR SPEED
BE FURTHER GOVERNED BY MAXIMUM SPEEDS: TONS PER OPERATIVE BRAKE (TPOB)
ITEM #2F OR SUBDIVISION TIMETABLE SI-12
TRAIN IS TO BE OPERATED ACCORDING TO * TABLE A * TRAIN REQUIREMENTS SSI ITEM 2F
****
****

ST CD	LOCOMOTIVE INIT	NUMB	PU CIRC7	SO CIRC7	D	AC DC MODEL-#	EA PW	EA DB	AC AX	PVCAHECDASD CCACCMSPTTB	LEN DP	LEN FT	WGT TN
V	UP	7430	CS789		F	AC C45ACCTE	XX.X	XX.X	6	YYYYYPBCG4A	HC	74	210
V	UP	6493	CS789		F	AC C44AC	XX.X	XX.X	6	YYYYYABBG3A	H	74	208
V	UP	6064	CS789		F	AC C44ACCTE	XX.X	XX.X	6	YYYYY.BCG3A	H	74	208
							----	----	--			----	----
SUB TOTALS:							XX.X	XX.X	18			222	626
.													
X	UP	7229	IA384		F	AC C44AC	XX.X	XX.X	6	YYYYY.BCG3A	1C	74	208
X	UP	8694	IA384		B	AC SD70ACE	XX.X	XX.X	6	YYYYYMBBG3A	1	75	210
							----	----	--			----	----
SUB TOTALS:							XX.X	XX.X	12			149	418
.													
X	UP	6914	IA384		B	AC C44ACCCA	XX.X	XX.X	6	.YYYY.BBG3A	RC	76	210
							----	----	--			----	----
SUB TOTALS:							XX.X	XX.X	6			76	210
.													
							----	----	--			----	----
TOTALS:							XX.X	XX.X	36			447	1254
.													

END TRAIN UNITS STATUS
NONE REPORTED
LINK IN FTE MODE
****
****
***** DUE TO ROUTE POWER REQUIREMENTS AND FUEL CONSERVATION EFFORTS *****
***** ISOLATE / SHUT DOWN / BRING ON-LINE THE FOLLOWING LOCOMOTIVE(S) *****
***** IN ACCORDANCE WITH ABTH RULE 31.8.7 *****
***** WEATHER AND CONDITIONS PERMITTING *****
***** *****
***** UNABLE TO RECOMMEND *****
****

12283 TPA TONNAGE INCLUDES ISOLATED LOCOMOTIVES,IF ANY
XXX TONS PER EQUIVALENT POWERED AXLE - XX.X EPA
XX.X TOTAL EQUIVALENT AXLE DYNAMIC BRAKE, ALL CONSISTS
XXX TONS PER EQUIVALENT DYNAMIC BRAKE AXLE - XX.X EDBA
24 MAXIMUM EPA REAR HELPER

241 TOTAL NUMBER OF CARS/PLATFORMS
156.50 TOTAL OPERATIVE-BRAKES
51 AVERAGE G-TONS PER CAR OR PLATFORM
79 TONS PER OPERATIVE BRAKE
664 TOTAL AXLES, INCLUDING LOCOMOTIVES
399 HEAVIEST CAR, BNSF 239244, SEQ 054
13537 TOTAL GROSS TONS, CARS AND LOCOMOTIVES

SUMMARY OF CAR TYPES
237 DOUBLE STACK

TRAIN LIMITS BETWEEN IA431 AND RR143
TPA LIMIT IS 326
COUPLER LIMIT IS 14878
TERRITORY CODE OTHER THAN H OR L

TRAIN LIMITS BETWEEN RR143 AND CT321
TPA LIMIT IS 210
COUPLER LIMIT IS 9374
TERRITORY CODE L

INSPECTION LOCATIONS:
LEXMARK TX CS789 O - CLASS 1

AIR BRAKE INSPECTIONS:

NAME	LOCATION	ROAD	DATE	TIME:	# CARS:

** INSPECTION INFORMATION IS NOT AVAILABLE **

```
      ---------------------------------------------------------------------
      EOT INSPECTION:
             NAME          LOCATION    ROAD     DATE    TIME:   EOT #
      ----------------  ------------  ----   --------   ---- ----------
      ** INSPECTION INFORMATION IS NOT AVAILABLE **
      ---------------------------------------------------------------------
*************************************************************************
EVENT CITY/ST   STA/YD  MO-DA-YR-TIME  TIM DIF  LOADS MTYS CAR-TONS TRN-LGTH
TA IOWA CITY AZ IA431   TODAY-22-0628   2'25A   111     0   5474    6744
CT IOWA CITY AZ IA431   TODAY-22-0600
-------------------------------------------------------------------------
SD IOWA CITY AZ IA431 ! TODAY-22-0645           111     0   5474    6744
SA EVANSTON  AZ IA384   TODAY-22-0930           111     0   5474    6744
SP EVANSTON  AZ IA384   TODAY-22-0930           126     0   6809    7550
SD EVANSTON  AZ IA384   TODAY-22-1100           237     0  12283   14294
SA KINNICK   AZ RR143   TODAY-22-1200           237     0  12283   14294
SD KINNICK   AZ RR143   TODAY-22-1200           237     0  12283   14294
SA CORVALLIS CA CT321   TODAY-22-1505           237     0  12283   14294
SS CORVALLIS CA CT321   TODAY-22-1505           126     0   6809    7550
EC CORVALLIS CA CT321   TODAY-22-1445
SD CORVALLIS CA CT321   TODAY-22-1605           111     0   5474    6744
*************************************************************************
TO ENGINEER AND CONDUCTOR                   ILXMD 15 OUT OF IA431

THE TONNAGE CHART BELOW IS A PROFILE OF YOUR TRAIN (OR PICKUP) OUT OF IA384
70 MPH IS MAXIMUM SPEED     237 LOADS   000 EMPTIES   012283 TONS   13847 FT


      HLS ACUM ACUM     ACUM                          TONS
 S/O  ZGH  LEN AXLE #P  TONS SEQ 20 30 40 50 60 70 80 90 100 110 120 130 140 150
           REAR POWER BLOCK (RC).
CT321   #  130  658  1    37   1 XXXXXXXX
        #  184  655  1    93   2 XXXXXXXXXXXXXX
        #  238  653  1   139   3 XXXXXXXXXXX
        #  292  651  1   190   4 XXXXXXXXXXX
        #  346  649  1   250   5 XXXXXXXXXXXXXX
        #  400  646  1   304   6 XXXXXXXXXXX
        #  454  643  1   343   7 XXXXXXXX
        #  508  641  1   388   8 XXXXXXXXXXX
        #  562  639  1   437   9 XXXXXXXXXXX
        #  616  637  1   485  10 XXXXXXXXXXX
        #  678  634  1   543  11 XXXXXXXXXXXXXX
        #  732  630  1   581  12 XXXXXXXX
        #  786  627  1   618  13 XXXXXXXX
        #  840  625  1   665  14 XXXXXXXXXX
        #  894  623  1   713  15 XXXXXXXXXX
        #  948  621  1   767  16 XXXXXXXXXX
        # 1002  618  1   808  17 XXXXXXXX
        # 1056  615  1   848  18 XXXXXXXX
        # 1110  613  1   888  19 XXXXXXXX
        # 1164  611  1   946  20 XXXXXXXXXXXXX
```

S/O	HLS ZGH	ACUM LEN	ACUM AXLE	#P	ACUM TONS	SEQ	TONS 20 30 40 50 60 70 80 90 100 110 120 130 140 150
	#	1218	609	1	1000	21	XXXXXXXXXXX
	#	1272	606	1	1050	22	XXXXXXXXXXX
	#	1326	603	1	1112	23	XXXXXXXXXXXXXX
	#	1380	601	1	1162	24	XXXXXXXXXXX
	#	1434	599	1	1212	25	XXXXXXXXXXX
	#	1488	597	1	1257	26	XXXXXXXXXXX
	#	1542	594	1	1301	27	XXXXXXXX
	#	1596	591	1	1342	28	XXXXXXXX
	#	1650	589	1	1382	29	XXXXXXXX
	#	1704	587	1	1424	30	XXXXXXXX
	#	1758	585	1	1468	31	XXXXXXXX
	#	1819	582	1	1521	32	XXXXXXXXXXX
	6#	1884	578	1	1568	33	XXXXXXXXXXX
	#	1938	574	1	1608	34	XXXXXXXX
	#	1992	571	1	1665	35	XXXXXXXXXXXXXX
	#	2046	569	1	1721	36	XXXXXXXXXXXXXX
	#	2100	567	1	1773	37	XXXXXXXXXXX
	#	2154	565	1	1815	38	XXXXXXXX
	6#	2219	562	1	1862	39	XXXXXXXXXXX
	#	2273	558	1	1902	40	XXXXXXXX
	#	2327	555	1	1944	41	XXXXXXXX
	#	2381	553	1	1993	42	XXXXXXXXXXX
	#	2435	551	1	2045	43	XXXXXXXXXXX
	#	2489	549	1	2086	44	XXXXXXXX
	#	2544	546	1	2139	45	XXXXXXXXXXX
	#	2599	543	1	2177	46	XXXXXXXX
	#	2654	541	1	2214	47	XXXXXXXX
	#	2709	539	1	2255	48	XXXXXXXX
	#	2764	537	1	2292	49	XXXXXXXX
	7#	2841	534	1	2351	50	XXXXXXXXXXXXXX
	6#	2909	530	1	2398	51	XXXXXXXXXXX
	6#	2977	527	1	2437	52	XXXXXXXX
	6#	3045	525	1	2483	53	XXXXXXXXXXX
		3313	522	5	2882	54	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXE
	#	3367	510	1	2940	55	XXXXXXXXXXXXXX
	#	3421	507	1	2998	56	XXXXXXXXXXXXXX
	#	3475	505	1	3040	57	XXXXXXXX
	#	3529	503	1	3086	58	XXXXXXXXXXX
	#	3583	501	1	3136	59	XXXXXXXXXXX
	6#	3652	498	1	3189	60	XXXXXXXXXXX
	6#	3721	495	1	3248	61	XXXXXXXXXXXXXX
	6#	3790	493	1	3294	62	XXXXXXXXXXX
	6#	3858	490	1	3347	63	XXXXXXXXXXX
	6#	3926	487	1	3410	64	XXXXXXXXXXXXXX
	6#	3994	485	1	3465	65	XXXXXXXXXXXXXX
	#	4049	482	1	3510	66	XXXXXXXXXXX
	#	4104	479	1	3552	67	XXXXXXXX
	#	4159	477	1	3609	68	XXXXXXXXXXXXXX
	#	4214	475	1	3674	69	XXXXXXXXXXXXXXXXX

S/O	HLS ZGH	ACUM LEN	ACUM AXLE	#P	ACUM TONS	SEQ	TONS 20 30 40 50 60 70 80 90 100 110 120 130 140 150
	#	4269	473	1	3718	70	XXXXXXXX
	#	4323	470	1	3776	71	XXXXXXXXXXXXX
	#	4377	467	1	3832	72	XXXXXXXXXXXXX
	#	4431	465	1	3886	73	XXXXXXXXXX
	#	4485	463	1	3940	74	XXXXXXXXXX
	#	4539	461	1	4005	75	XXXXXXXXXXXXXXX
	#	4593	458	1	4058	76	XXXXXXXXXX
	#	4647	455	1	4121	77	XXXXXXXXXXXXX
	#	4701	453	1	4170	78	XXXXXXXXXX
	#	4755	451	1	4233	79	XXXXXXXXXXXXX
	#	4809	449	1	4272	80	XXXXXXX
	#	4863	446	1	4337	81	XXXXXXXXXXXXXXX
	#	4917	443	1	4393	82	XXXXXXXXXXXX
	#	4971	441	1	4450	83	XXXXXXXXXXXX
	#	5025	439	1	4501	84	XXXXXXXXXX
	#	5079	437	1	4579	85	XXXXXXXXXXXXXXXXXX
	#	5133	434	1	4653	86	XXXXXXXXXXXXXX
	#	5187	431	1	4740	87	XXXXXXXXXXXXXXXXXXXX
	#	5241	429	1	4791	88	XXXXXXXXXX
	#	5295	427	1	4835	89	XXXXXXX
	#	5349	425	1	4880	90	XXXXXXXXXX
	#	5411	422	1	4935	91	XXXXXXXXXXXX
	6#	5476	418	1	4985	92	XXXXXXXXXX
	#	5537	414	1	5031	93	XXXXXXXXXX
	#	5598	411	1	5076	94	XXXXXXXXXX
	#	5659	409	1	5118	95	XXXXXXX
	#	5720	407	1	5163	96	XXXXXXXXXX
	#	5781	405	1	5205	97	XXXXXXX
	#	5843	402	1	5274	98	XXXXXXXXXXXXXXX
	#	5905	399	1	5335	99	XXXXXXXXXXXX
	#	5967	397	1	5400	100	XXXXXXXXXXXXXXX
	#	6029	395	1	5475	101	XXXXXXXXXXXXXXXXXX
	#	6091	393	1	5550	102	XXXXXXXXXXXXXXXXXX
	#	6145	390	1	5628	103	XXXXXXXXXXXXXXXXXX
	#	6199	387	1	5672	104	XXXXXXX
	#	6253	385	1	5710	105	XXXXXXX
	#	6307	383	1	5749	106	XXXXXXX
	#	6361	381	1	5820	107	XXXXXXXXXXXXXXX
	#	6423	378	1	5884	108	XXXXXXXXXXXX
	#	6477	374	1	5928	109	XXXXXXX
	#	6531	371	1	5993	110	XXXXXXXXXXXXXXX
	#	6585	369	1	6048	111	XXXXXXXXXXXX
	#	6639	367	1	6103	112	XXXXXXXXXXXX
	#	6693	365	1	6160	113	XXXXXXXXXXXX
	#	6747	362	1	6220	114	XXXXXXXXXXXX
	#	6801	359	1	6265	115	XXXXXXXXXX
	#	6855	357	1	6331	116	XXXXXXXXXXXXXXX

S/O	HLS ZGH	ACUM LEN	ACUM AXLE	#P	ACUM TONS	SEQ	TONS 20 30 40 50 60 70 80 90 100 110 120 130 140 150
	#	6909	355	1	6374	117	XXXXXXXX
	#	6963	353	1	6414	118	XXXXXXXX
	#	7017	350	1	6468	119	XXXXXXXXXXX
	#	7071	347	1	6533	120	XXXXXXXXXXXXXXXXX
	#	7125	345	1	6598	121	XXXXXXXXXXXXXXXXX
	#	7179	343	1	6637	122	XXXXXXXX
	#	7233	341	1	6676	123	XXXXXXXX
	#	7289	338	1	6720	124	XXXXXXXX
	#	7345	335	1	6769	125	XXXXXXXXXX
	#	7401	333	1	6809	126	XXXXXXXX
	MID-TRAIN POWER BLOCK (1C).						
HL011	7#	7627	318	1	6858	127	XXXXXXXXXX
	7#	7704	314	1	6903	128	XXXXXXXXXX
	6#	7769	310	1	6978	129	XXXXXXXXXXXXXXXXXXX
	#	7823	306	1	7008	130	XXXXX
	#	7877	303	1	7057	131	XXXXXXXXXX
	#	7931	301	1	7115	132	XXXXXXXXXXXX
	#	7985	299	1	7180	133	XXXXXXXXXXXXXXXX
	#	8039	297	1	7219	134	XXXXXXX
	7#	8116	294	1	7289	135	XXXXXXXXXXXXXXXX
	7#	8193	290	1	7357	136	XXXXXXXXXXXXXXXX
	6#	8258	286	1	7420	137	XXXXXXXXXXXXX
	#	8312	282	1	7479	138	XXXXXXXXXXXXX
	#	8366	279	1	7525	139	XXXXXXXXXX
	#	8420	277	1	7590	140	XXXXXXXXXXXXXXXX
	#	8474	275	1	7635	141	XXXXXXXXXX
	#	8528	273	1	7698	142	XXXXXXXXXXXXX
	#	8582	270	1	7750	143	XXXXXXXXXX
	#	8636	267	1	7812	144	XXXXXXXXXXXXX
	#	8690	265	1	7857	145	XXXXXXXXXX
	#	8744	263	1	7906	146	XXXXXXXXXX
	#	8798	261	1	7968	147	XXXXXXXXXXXXX
	#	8853	258	1	8014	148	XXXXXXXXXX
	#	8908	255	1	8066	149	XXXXXXXXXX
	#	8963	253	1	8108	150	XXXXXXX
	#	9018	251	1	8157	151	XXXXXXXXXX
	#	9073	249	1	8193	152	XXXXXXX
	#	9127	246	1	8271	153	XXXXXXXXXXXXXXXXXX
	#	9181	243	1	8342	154	XXXXXXXXXXXXXXXX
	#	9235	241	1	8386	155	XXXXXXX
	#	9289	239	1	8442	156	XXXXXXXXXXXXX
	#	9343	237	1	8492	157	XXXXXXXXXX
	#	9404	234	1	8553	158	XXXXXXXXXXXXX
	6#	9469	230	1	8614	159	XXXXXXXXXXXXX
	#	9531	226	1	8683	160	XXXXXXXXXXXXXXXX
	#	9585	222	1	8722	161	XXXXXXX
	#	9639	219	1	8750	162	XXXXX
	#	9693	217	1	8791	163	XXXXXXX
	#	9747	215	1	8830	164	XXXXXXX

S/O	HLS ZGH	ACUM LEN	ACUM AXLE	#P	ACUM TONS	SEQ	TONS 20 30 40 50 60 70 80 90 100 110 120 130 140 150
	#	9801	213	1	8884	165	XXXXXXXXXXX
	#	9855	210	1	8923	166	XXXXXXXX
	#	9909	207	1	8968	167	XXXXXXXXXXX
	#	9963	205	1	9027	168	XXXXXXXXXXXXXX
	#10017		203	1	9077	169	XXXXXXXXXXX
	#10071		201	1	9123	170	XXXXXXXXXXX
	#10125		198	1	9164	171	XXXXXXXX
	#10179		195	1	9204	172	XXXXXXXX
	#10233		193	1	9251	173	XXXXXXXXXXX
	#10287		191	1	9290	174	XXXXXXXX
	#10341		189	1	9347	175	XXXXXXXXXXXXX
	#10395		186	1	9386	176	XXXXXXXX
	#10449		183	1	9426	177	XXXXXXXX
	#10503		181	1	9473	178	XXXXXXXXXXX
	#10557		179	1	9524	179	XXXXXXXXXXX
	#10611		177	1	9562	180	XXXXXXXX
	#10666		174	1	9613	181	XXXXXXXXXXX
	#10721		171	1	9665	182	XXXXXXXXXXX
	#10776		169	1	9708	183	XXXXXXXX
	#10831		167	1	9745	184	XXXXXXXX
	#10886		165	1	9797	185	XXXXXXXXXXX
	#10940		162	1	9846	186	XXXXXXXXXXX
	#10994		159	1	9901	187	XXXXXXXXXXXXX
	#11048		157	1	9967	188	XXXXXXXXXXXXXXXX
	#11102		155	1	10009	189	XXXXXXXX
	#11156		153	1	10042	190	XXXXX
7	#11233		150	1	10101	191	XXXXXXXXXXXXX
	#11287		146	1	10139	192	XXXXXXXX
	#11341		143	1	10200	193	XXXXXXXXXXXXX
	#11395		141	1	10251	194	XXXXXXXXXX
	#11449		139	1	10303	195	XXXXXXXXXX
	#11503		137	1	10338	196	XXXXXXX
6	#11571		134	1	10382	197	XXXXXXX
6	#11639		131	1	10451	198	XXXXXXXXXXXXXXX
6	#11707		129	1	10507	199	XXXXXXXXXXXX
	#11761		126	1	10547	200	XXXXXXX
	#11815		123	1	10586	201	XXXXXXX
	#11869		121	1	10623	202	XXXXXXX
	#11923		119	1	10666	203	XXXXXXX
	#11977		117	1	10705	204	XXXXXXX
7	#12054		114	1	10766	205	XXXXXXXXXXXXX
*	#12111		110	1	10821	206	XXXXXXXXXXXXX
	#12168		107	1	10865	207	XXXXXXX
	#12225		105	1	10908	208	XXXXXXX
	#12279		102	1	10964	209	XXXXXXXXXXXXX
	#12333		99	1	10999	210	XXXXXXX
	#12387		97	1	11037	211	XXXXXXX
	#12441		95	1	11075	212	XXXXXXX
	#12495		93	1	11112	213	XXXXXXX

```
      HLS ACUM ACUM     ACUM                          TONS
 S/O  ZGH  LEN AXLE #P  TONS SEQ 20 30 40 50 60 70 80 90 100 110 120 130 140 150
       6#12560   90  1 11169 214 XXXXXXXXXXXXX
        #12619   86  1 11203 215 XXXXX
        #12678   83  1 11237 216 XXXXX
        #12737   81  1 11271 217 XXXXX
        #12796   79  1 11320 218 XXXXXXXXXX
        #12855   77  1 11369 219 XXXXXXXXXX
       7#12932   74  1 11411 220 XXXXXXXX
       7#13009   70  1 11452 221 XXXXXXXX
       7#13086   66  1 11501 222 XXXXXXXXXX
       7#13163   62  1 11544 223 XXXXXXXX
       7#13240   58  1 11592 224 XXXXXXXXXX
        #13294   54  1 11630 225 XXXXXXXX
        #13348   51  1 11662 226 XXXXX
        #13402   49  1 11701 227 XXXXXXXX
        #13456   47  1 11740 228 XXXXXXXX
        #13510   45  1 11781 229 XXXXXXXX
       7#13587   42  1 11831 230 XXXXXXXXXX
       7#13664   38  1 11881 231 XXXXXXXXXX
       6#13732   34  1 11938 232 XXXXXXXXXXXXX
       6#13800   31  1 11992 233 XXXXXXXXXX
       6#13868   29  1 12069 234 XXXXXXXXXXXXXXXXXXX
       6#13936   26  1 12135 235 XXXXXXXXXXXXXXXX
       6#14004   23  1 12205 236 XXXXXXXXXXXXXXXX
       6#14072   21  1 12283 237 XXXXXXXXXXXXXXXXXXX
           HEAD END POWER BLOCK (HC).

EXPLANATION OF TRAIN PROFILE CODES
----------------------------------
HZ COLUMN: '*' INDICATES A CAR THAT IS HAZARDOUS.
LG COLUMN: 'S' INDICATES A CAR THAT IS 45 FT OR SHORTER.
           '6' INDICATES A CAR THAT IS 65 TO 72 FT LONG.
           '7' INDICATES A CAR THAT IS 73 TO 79 FT LONG.
           'L' INDICATES A CAR THAT IS 80 FT OR LONGER.
SH COLUMN: '#' INDICATES A CAR THAT HAS A SPECIAL HANDLING CODE APPLIED; REFER
           TO THE CONSIST FOR DETAILS.
#P COLUMN: INDICATES THE NUMBER OF PLATFORMS/WELLS ON AN ARTICULATED INTERMODAL
           CAR, AND THE NUMBER OF UNITS ON OTHER ARTICULATED CARS.
TONS COLUMN: 'C' INDICATES A CAR THAT IS EQUIPPED WITH END OF CUSHIONING DEVICE
```

TRACK WARRANT REQUEST

1 WARRANT(S) FOUND FOR ALL TRAINS AT ANY LOCATION

TRACK WARRANT

NO: 909 FROM: SUNFLOWER TO: LAWRENCE/BRYANT/IOWA CITY/CORVALLIS/OAKLAND

DATE: TODAY, 2022

TO: ALL TRAINS AT: ANY LOCATION

ON: ORANGE (1975) FIESTA (1952) SUGAR (1954) ROSE (1976) IOWA (2022)

SUBDIVISIONS

16.(X) 12 TRACK BULLETINS IN EFFECT: 147123 147124 147165 147166
147263 157163 167161 167168 27036 27170 41222 44629

17.(X) OTHER SPECIFIC INSTRUCTIONS:
THIS WARRANT IS USED TO DELIVER TRACK BULLETINS ONLY AND DOES NOT CONVEY AUTHORITY TO OCCUPY THE MAIN TRACK.

OK 0500 DISPATCHER RCB RELAYED TO: COPIED BY:

TRACK CONDITION SUMMARY

NO: 909 TO: ALL TRAINS TODAY, 2022

ORANGE (1975)

147123(2) 147124(1)

LINE NO.	LIMITS FROM MP	LIMITS TO MP	MPH	TRACK(S) AFFECTED	FLAG	FLAG AT MP	FOR DIR	FROM DATE TIME	UNTIL DATE	UNTIL TIME
	FORM A NO. 147123									
1.	236.0	235.0	25	MAIN				TODAY NOW	TOMORROW	THEN

LINE NO.	LIMITS FROM MP	LIMITS TO MP	TIME FROM	TIME UNTIL	TRACK(S) AFFECTED	FLAG AT MP	FOR DIR	GANG NO /FOREMAN
	***** FORM B NO. 147124 *****							
TODAY BE GOVERNED BY RULE 15.2 WITHIN THE FOLLOWING LIMITS:								
1.	216.0	205.6	0600	2359	ALL			8507 ALPHA

LINE NO.	LIMITS FROM MP	LIMITS TO MP	MPH	TRACK(S) AFFECTED	FLAG	FLAG AT MP	FOR DIR	FROM DATE TIME	UNTIL DATE	UNTIL TIME
	FORM A NO. 147123									
2	115.9	114.1	40	MAIN	NONE			TODAY NOW	TOMORROW	THEN

NO: 909 TO: ALL TRAINS TODAY, 2022

FIESTA (1952)

147165(1) 27036

LINE NO.	LIMITS FROM MP	LIMITS TO MP	MPH	TRACK(S) AFFECTED	FLAG	FLAG AT MP	FOR DIR	FROM DATE	FROM TIME	UNTIL DATE	UNTIL TIME
	FORM A NO. 147165										
1.	337.5	337.1	10	SIDING				TODAY	NOW	TOMORROW	THEN

27036

FORM C NO. 27036 TODAY, 2022

1. EFFECTIVE TODAY
2. LEVEL 1 HEAT RESTRICTION APPLIES AS PRESCRIBED
3. BY SYSTEM SPECIAL INSTRUCTIONS ITEM 2-D
4. BETWEEN 0900 AND 2200 HOURS DAILY
5. BETWEEN MP 387.2 AND MP 345.2
6. ON FIESTA SUBDIVISION

NO: 909 TO: ALL TRAINS TODAY, 2022

SUGAR (1954)

147263(1) 147166(1) 27170(1)

LINE NO.	LIMITS FROM MP	LIMITS TO MP	MPH	TRACK(S) AFFECTED	FLAG FLAG	FLAG AT MP	FOR DIR	FROM DATE TIME	UNTIL DATE	UNTIL TIME
	FORM A NO. 147263									
1.	311.3	310.1	50	MAIN				TODAY NOW	TOMORROW	THEN
	FORM A NO. 147166									
2.	288.0	285.5	50	MAIN				TODAY NOW	TOMORROW	THEN

LINE NO.	LIMITS FROM MP	LIMITS TO MP	TIME FROM	TIME UNTIL	TRACK(S) AFFECTED	FLAG AT MP	FOR DIR	GANG NO /FOREMAN
	***** FORM B NO. 27170 *****							
TODAY BE GOVERNED BY RULE 15.2 WITHIN THE FOLLOWING LIMITS:								
1.	271.0	269.7	0800	2359	ALL			8509 BRAVO

NO: 909 TO: ALL TRAINS TODAY, 2022

ROSE (1976)

157163(1) 41222(1)

LINE NO.	LIMITS FROM MP	TO MP	MPH	TRACK(S) AFFECTED	FLAG	FLAG AT MP	FOR DIR	FROM DATE TIME	UNTIL DATE	TIME
	FORM A NO. 157163									
1.	360.3	360.9	50	ALL				TODAY NOW	TOMORROW	THEN

41222

FORM C NO. 41222 TODAY, 2022

1. EFFECTIVE 0600 HOURS (TODAY'S DATE) SIGNAL SYSTEM
2. SUSPENDED ON THE ROSE SUBDIVISION
3. BETWEEN CP G366 MP 366.2 AND CP G354 MP 354.4.
4. TRAINS OPERATING PTC MUST STOP PRIOR TO PASSING
5. FIRST SUSPENDED SIGNAL AND PERFORM A SOFT CUT OUT
6. BEFORE ENTERING THE SIGNAL SUSPENSION LIMITS.
7. FIRST SUSPENDED SIGNALS FOR MOVES ON TRACKS ARE
8. AS FOLLOWS:
9. SOUTHWARD
10. MAIN TRACK AND SIDING CP G366 MP 366.2
11. NORTHWARD
12. MAIN TRACK AND YARD LEAD CP G354 MP 354.4
13. FIRST OPERATING SIGNALS FOR MOVES ON TRACKS ARE
14. AS FOLLOWS:
15. SOUTHWARD
16. MAIN TRACK CP G354 MP 354.4
17. NORTHWARD
18. MAIN TRACK CP G366 MP 366.2

WHEN LEAVING THE SIGNAL SUSPENSION LIMITS; BETWEEN
THE LAST INOPERATIVE SIGNAL AND PRIOR TO PASSING
THE FIRST OPERATIVE SIGNAL, PTC EQUIPPED TRAINS
MUST: REDUCE TO 15 MPH OR LESS, CUT IN PTC, AND
PERFORM A TRACK SELECTION. PTC WILL TRANSITION TO
ACTIVE STATE AFTER MOVING APPROXIMATELY 30 FEET
AND IMMEDIATELY ENFORCE RESTRICTED SPEED UNTIL
TRAIN PASSES NEXT SIGNAL.
BE GOVERNED BY GCOR RULES 9.23 AND 9.23.1
MAXIMUM SPEED PER TIMETABLE AND GENERAL ORDER
INSTRUCTIONS NOT TO EXCEED 59 MPH FOR PASSENGER
TRAINS AND 49 MPH FOR ALL OTHER TRAINS.
ALL TRAINS MUST STOP BEFORE ENTERING THESE LIMITS
UNLESS AUTHORIZED TO PROCEED BY EMPLOYEE IN CHARGE.
NO FOLLOWING MOVEMENT ON THE SAME TRACK WILL BE
PERMITTED TO ENTER THESE LIMITS UNTIL A PRECEDING
MOVEMENT HAS CLEARED THE LIMITS OR PASSED A
FLAGMAN LOCATED AT THE NEXT INTERMEDIATE POINT.
FLAG PROTECTION AGAINST FOLLOWING TRAINS ON THE
SAME TRACK IS NOT REQUIRED. FLAGMAN SWITCH TENDER
LOCATED AT CP G366 MP 366.2, CP G360 MP 359.9,
CP G358 MP 358.4, AND CP G354 MP 354.4 ON THE
ROSE SUBDIVISION.
ALL TRAINS MUST STOP SHORT OF FLAGMEN UNLESS
AUTHORIZED TO PROCEED.

NO: 909 TO: ALL TRAINS TODAY, 2022

IOWA (2022)

167161(1) 167168(1) 44629(1)

LINE NO.	LIMITS FROM MP	LIMITS TO MP	TIME FROM	TIME UNTIL	TRACK(S) AFFECTED	FLAG AT MP	FOR DIR	GANG NO /FOREMAN
	***** FORM B NO. 44629 *****							
	TODAY BE GOVERNED BY RULE 15.2 WITHIN THE FOLLOWING LIMITS:							
1.	356.0	360.0	0800	2359	ALL			8701 DELTA

LINE NO.	LIMITS FROM MP	LIMITS TO MP	MPH	TRACK(S) AFFECTED	FLAG	FLAG AT MP	FOR DIR	FROM DATE TIME	UNTIL DATE	UNTIL TIME
	FORM A NO. 167161									
1.	360.3	360.9	50	ALL				TODAY NOW	TOMORROW	THEN
	FORM A NO. 167168									
2.	385.0	388.5	50	ALL				TODAY NOW	TOMORROW	THEN

RADIO SPEED RESTRICTIONS AND OTHER CONDITIONS DELIVERED ENROUTE

****

.

SUBDIVISION _____

.

DO NOT EXCEED _____ MPH AT/BETWEEN MP _____ AND MP _____

.

(ON _____ TRK)

.

____NO FLAGS DISPLAYED _____ RULE 34.2.13 APPLIES

____FLAGS DISPLAYED AT MP _____ FOR ____ TRAINS

.

OK _____ DISPR _____

==========

.

SUBDIVISION _____

.

DO NOT EXCEED _____ MPH AT/BETWEEN MP _____ AND MP _____

.

(ON _____ TRK)

.

____NO FLAGS DISPLAYED _____ RULE 34.2.13 APPLIES

____FLAGS DISPLAYED AT MP _____ FOR ____ TRAINS

.

OK _____ DISPR _____

==========

.

SUBDIVISION _____

.

DO NOT EXCEED _____ MPH AT/BETWEEN MP _____ AND MP _____

.

(ON _____ TRK)

.

____NO FLAGS DISPLAYED _____ RULE 34.2.13 APPLIES

____FLAGS DISPLAYED AT MP _____ FOR ____ TRAINS

.

OK _____ DISPR _____

****

.

GRADE CROSSING PROTECTION _____ SUBDIVISION

.

COMPLY WITH PROCEDURE _____ AT MP _____

.

OK _____ DISPR _____

==========

.

GRADE CROSSING PROTECTION _____ SUBDIVISION

.

COMPLY WITH PROCEDURE _____ AT MP _____

.

OK _____ DISPR _____

****

RADIO SPEED RESTRICTIONS AND OTHER CONDITIONS DELIVERED ENROUTE

==========

.

FLASH FLOOD WARNING _____ SUBDIVISION

.

COMPLY WITH PROCEDURE FF BTWEEN MP _____ AND MP _____

.

OK _____ DISPR _____

==========

.

FLASH FLOOD WARNING _____ SUBDIVISION

.

COMPLY WITH PROCEDURE FF BTWEEN MP _____ AND MP _____

.

OK _____ DISPR _____

****

.

TRACK BREACH PROTECTION ESTABLISHED FOR (ENG)_____

.

(EMPLOYEE) _____ BETWEEN _____ AND_____ON

.

_____TRACK AT (TIME) _____ DELETED AT _____

==========

.

TRACK BREACH PROTECTION ESTABLISHED FOR (ENG)_____

.

(EMPLOYEE) _____ BETWEEN _____ AND_____ON

.

_____TRACK AT (TIME) _____ DELETED AT _____

****

WHEN AUTHORIZED TO PASS STOP INDICATION: "AFTER STOPPING, (TRAIN ID) AT (LOCATION) HAS AUTHORITY TO PASS SIGNAL DISPLAYING STOP INDICATION (ADD ROUTE & DIRECTION IF NECESSARY)."

****

WHEN AUTHORIZED TO ENTER CTC: "(TRAIN ID) AT (LOCATION) HAS AUTHORITY TO ENTER _____ TRACK AND PROCEED (DIRECTION).

****

WHEN CLEARED TO ENTER FORM B LIMITS: FOREMAN _____

.

GANG _____ USING (1/2) FORM B TRK BULLETIN(S) ON _____ (DATE).

.

TRK BULLETIN# _____ LINE#(S)_____ TRK#(S)_____ON _____ SUB

.

TRK BULLETIN# _____ LINE#(S)_____ TRK#(S)_____ON _____ SUB

.

BETWEEN MP _____ AND MP_____. (TRAIN ID) MAY PASS RED FLAG AT

.

MP _____ WITHOUT STOPPING. (TRAIN ID) MAY PROCEED THROUGH THE LIMITS

.

AT _____ MPH (OR MAX AUTHORIZED SPEED), WITH THE FOLLOWING EXCEPTION:

.

BETWEEN MP _____ AND MP _____ DO NOT EXCEED _____ MPH, SOUNDING

.

WHISTLE AND BELL WHEN APPROACHING AND PASSING MEN OR EQUIPMENT.

.....UPRR TRAIN AND LOCOMOTIVE SECUREMENT CHECKLIST.....
USED IN COMPLIANCE W/ UPRR ABTH CH 32 & SSI ITEM 10-L TO AID CREW MEMBERS WHEN SECURING TRAINS W/ LOCOMOTIVE ATTACHED. UPON COMPLETION, BOTH CONDUCTOR & ENGINEER MUST SIGN CHECKLIST. UNLESS OTHERWISE INSTRUCTED, LEAVE THE COMPLETED FORM IN THE LOCOMOTIVE INSPECTION REPORT CARD HOLDER

SECUREMENT PROCEDURES (RULE 32.1.1)

( ) 1. PRIMARY PROCEDURE (APPLY HANDBRAKES AND RELEASE ALL AIR BRAKES)
( ) 2. SECONDARY PROCEDURE (SECUREMENT CHART)

LOCOMOTIVE SECUREMENT (RULE 32.2.1)

( ) 1. THROTTLE IS IN IDLE AND REVERSER REMOVED
( ) 2. GENERATOR FIELD SWITCH OFF
( ) 3. APPLY ALL HANDBRAKES ON LEAD CONSIST. RELEASE LOCOMOTIVE BRAKES TO DETERMINE HANDBRAKES PREVENT MOVEMENT. REAPPLY LOCOMOTIVE BRAKES
( ) 4. INDEPENDENT BRAKE IS CUT IN AND FULLY APPLIED
( ) 5. AUTOMATIC BRAKE IS CUT IN AND APPLIED WITH A 20 PSI BRAKE PIPE REDUCTION
( ) 6. ENGINE CONTROL SWITCH IS IN THE ISOLATE POSITION ON ALL UNITS IN THE LEAD CONSIST
( ) 7. TRAILING LOCOMOTIVES ARE SHUT DOWN IF REQUIRED AND DOORS AND WINDOWS ARE CLOSED
( ) 8. DOORS AND WINDOWS LOCKED ON LEAD LOCOMOTIVE IF CAPABLE

OTHER INFORMATION:

( ) 1. HAND BRAKES ARE APPLIED ON _____ HEAD CARS AND/OR _____ REAR CARS
( ) 2. TRAIN CUT FOR _____ HIGHWAY CROSSINGS
( ) 3. DISPATCHER, YARDMASTER, OTHER AUTHORITY NOTIFIED TRAIN IS SECURE

.
KEY TRAIN /KEY TRAIN COMMODITY SECUREMENT ON A MAIN TRACK OR SIDING (SSI ITEM 10-L)

INFORM DISPATCHER THAT TRAIN IS SECURE IN FOLLOWING MANNER:

.
"TRAIN _____ (TRAIN ID) IS SECURED USING _____ (PRIMARY/
.
SECONDARY/BOTH) SECUREMENT PROCEDURE(S) AT _____ (LOCATION)
.
WITH _____ (#) HAND BRAKES APPLIED ON THE _____ (HEAD/REAR/BOTH)
.
END(S). THE WEIGHT OF THE TRAIN IS _____ TONS AND IS _____ FEET
.
LONG. THE TRAIN IS ON _____ % (LEVEL/ASCENDING/DESCENDING) GRADE AND
.
IS _____ (CUT/IN ONE PIECE) ON _____ (STRAIGHT/CURVED) TRACK.
.
THERE ARE _____ (#) CROSSINGS CUT. THE TRAIN IS _____ (INTERMODAL/
.
MANIFEST/UNIT/LOCAL). THE CURRENT WEATHER IS _____ (CLEAR/CLOUDY/
.
RAIN/FOG/SLEET/SNOW)." (IF UNABLE TO LOCK THE DOORS OF THE CONTROLLING LOCOMOTIVE, REMOVE THE REVERSER AND TAKE IT WITH YOU.)
.
.

_____ _____
(ENGINEER EID/INITIALS) (CONDUCTOR EID/INITIALS)
.
.
TRAIN ID _____ DATE _____ TIME_____LOCATION _____

UPRR TRAINING Area Timetable No. 6
Effective December 01, 2020
ORANGE Subdivision General Order No. 3

Purpose:
SI-07: Change Detector Table; add "H" character to select detectors to indicate detector is also equipped with a Hot Wheel Detector.

Recent Changes
SI-01: Main Track Authority; add additional PTC Limits.
SI-03: Part 1: Add Speeds for Sidings and turnouts at Waco and Ames.

Training Area Timetable #6 in effect 0900C on December 01, 2020.
Subdivision instructions not modified by this General Order remain in effect.

Effective: 0900C, October 25, 2021

Cancellations:
This order cancels all previous orders for the ORANGE Subdivision.

SI-01 MAIN TRACK AUTHORITY
Effective 1100C on December 10, 2020:
Change part to read:
PTC between:
MP 52.8 and MP 143.0;
MP 204.3 and MP 237.8.

SI-03 OTHER SPEED RESTRICTIONS
1. Thru Sidings and Turnouts
Add:
Waco 20
Ames 20

SI-07 ITEM 13 TRAIN DEFECT DETECTORS
Add "H" character to the following detectors:

(#)H+	65.4	(!)H	167.7
(#)H+	90.3	(#)H	182.2
(#)H+	117.8	(#)H	198.0
(#)H	145.0	(#)H+	220.2

SIGNATURE: JOHN D. DOE
SIGNATURE TITLE: GEN. MANAGER

UPRR TRAINING Area Timetable No. 6
Effective December 01, 2020
ROSE Subdivision General Order No. 3

Purpose:
SI-00: Delete references to "ACS".
SI-01: Delete ACS territory.
SI-08: Rule 13.1.4 PTC/ACS Operations; delete subdivision specific instructions.
SI-03: Part 2: Change speed at CP G390 East Lansing.

Training Area Timetable #6 in effect 0900C on December 01, 2020.
Subdivision instructions not modified by this General Order remain in effect.

EFFECTIVE: 0900C, May 24, 2022

CANCELLATIONS:
This order cancels all previous orders for the ROSE Subdivision.

SI-00 - MAIN TRACK AUTHORITY
Effective 0900C on May 24, 2022:
Track Layout column; change color to red.
6.3 column; Delete reference to ACS.

SI-01 - MAIN TRACK AUTHORITY
Effective 0900C on May 24, 2022:
Delete part reading:
ACS between: CP G433 and CP G354

SI-03 - OTHER SPEED RESTRICTIONS
2. Dual Control Switch Turnouts.
Delete:
CP G390 60
Add:
CP G390 50

SI-08 - RULES ITEMS
Effective 0900C on May 24, 2022:
Delete:
Rule 13.1.4 PTC/ACS Operations:
The Automatic Cab Signal (ACS) system on the lead unit must be cut out upon successful initialization of the Positive Train Control (PTC) system and prior to initiating movement. If the PTC system disengages, is cut out under authority of the train dispatcher, or otherwise fails en-route while leading engine is within PTC/ACS territory, the train must be stopped. After stopping, the ACS system on the lead unit must be cut in prior to any subsequent movement. If the ACS departure test cannot be performed while on energized track, a departure test must be conducted in accordance with Rule 13.1.5 at the train's next forward location where such a test can be performed. If unable to cut in ACS system on the lead unit, the train must comply with Rule 13.3.3.
Application: The "next forward location" is the next terminal or crew change point along route of train where:
1. Non energized track is present - for Engines equipped with the ACS self test feature.
OR
2. Test loop is present.

SIGNATURE: JOHN D. DOE
SIGNATURE TITLE: GEN. MANAGER

UPRR TRAINING Area Timetable No. 6
Effective December 01, 2020
SUGAR Subdivision General Order No. 2

SI-00: Station Page; Change Interlocking at Lexington to (Z).
SI-08: Add Rule 9.9.1 (Z) Interlocking Locations.

Recent changes:
Training Area Timetable #6 in effect 0900C on December 01, 2020.

Subdivision instructions not modified by this General Order
remain in effect.

Effective: 0900C, December 20, 2020

Cancellations:
This order cancels all previous orders for the SUGAR Subdivision.

SI-00 STATION MILES
Change Station Page at Lexington to read:

321.4			LEXINGTON (X)SLF(Z)		
			(10.1)		

SI-08 RULES
Add:
Rule 9.9.1:
(Z) Interlocking Locations:
Lexington MP 321.4 (X)SLF(Z)CP W321
Rule 9.9.1 (Passing Approach to Automatic
Interlocking) applies.

At a signal displaying a Stop indication:
Train movements will be governed as follows:
1. A crew member must contact the train
dispatcher and obtain permission:
To operate the time release box.
and
To pass the Stop indication (train may not
proceed until complying with instructions in
release box).

2. The crew will then be governed by the
instructions in the release box.

3. After complying with instructions in the
release box that allow the train to proceed,
if signal continues to display a Stop
indication, the train must move at restricted
speed.

Maintenance of Way will be governed as follows:
When moving through limits comply with Rule 42.7.2.
When working within limits comply with
Chief Engineer Instruction Bulletin 136.4.8.

SIGNATURE: JOHN D. DOE
SIGNATURE TITLE: GEN. MANAGER

UPRR TRAINING Area Timetable No. 6
Effective December 01, 2020
FIESTA Subdivision General Order No. 1

Purpose:

Training Area Timetable #6 in effect 0900C on December 01, 2020.

Subdivision instructions not modified by this General Order remain in effect.

Effective: 0900C, December 01, 2020

Cancellations:
This order cancels all previous orders for the FIESTA Subdivision.

SIGNATURE: JOHN D. DOE
SIGNATURE TITLE: GEN. MANAGER

UPRR TRAINING Area Timetable No. 6
Effective December 01, 2020
IOWA Subdivision General Order No. 1

Purpose:
Training Area Timetable #6 in effect 0900C on December 01, 2020.

Subdivision instructions not modified by this General Order
remain in effect.

Effective: 0900C, December 01, 2020

Cancellations :
This order cancels all previous orders for the IOWA Subdivision.

SIGNATURE: JOHN D. DOE
SIGNATURE TITLE: GEN. MANAGER

TRACK AUTHORITY FORM – TE&Y

(circle one) **Track Warrant** **Track & Time** **Track Permit**

Number: 51-50 Date: Current Date

To: UP Local At: Bedlam Yard

1. ☐ Track warrant _____ is void
2. ☐ Not in effect until after the arrival of _____, _____ at _____
3. ☒ Proceed from MP 175.0 to Red River on Main track Orange Subdivision
4. ☐ Hold Main Track at last named point
5. ☒ Clear Main Track at last named point
6. ☐ Do not foul limits ahead of _____, _____, _____
7. ☐ Work between _____ and _____ on _____ track _____ Subdivision
8. ☐ Authority granted between CP _____ on _____ track Switch Yes / No
   and CP _____ on _____ track Switch Yes / No
   Joint ___ Blocked until _____ Extended to _____
9. ☐ Limits jointly occupied between _____ and _____

(NOTE: Trains must move at restricted speed within joint authority limits)

10. ☐ Joint with _____ between _____ and _____
    Joint with _____ between _____ and _____
    Joint with _____ between _____ and _____
11. ☐ Do not exceed _____ mph between _____ and__ _____
    No flags displayed ___ Flags displayed at MP _____ for _____ trains
    Do not exceed _____ mph between _____ and _____
    No flags displayed ___ Flags displayed at MP _____ for _____ trains
    Do not exceed _____ mph between _____ and _____
    No flags displayed ___ Flags displayed at MP _____ for _____ trains
12. ☐ Comply with Procedure _____ at/between MP _____ and MP _____
    Comply with Procedure _____ at/between MP _____ and MP _____
    The ___ switch at _____ is lined for siding
    The ___ switch at _____ is lined for siding
    Leave the ___ switch at _____ lined for siding
    Leave the ___ switch at _____ lined for siding
    _____
    _____
    _____

2 Box(es) marked: 3, 5, _____, _____, _____, _____, _____, _____, _____, _____

OK at 0600 Dispatcher RCB Relayed to _____ Copied by Conductor

Clear of _____ at _____ Disp _____ by _____
Clear of _____ at _____ Disp _____ by _____
Clear of _____ at _____ Disp _____ by _____

Limits reported clear at _____ by _____

TRACK AUTHORITY FORM – TE&Y

(circle one) **Track Warrant** **Track & Time** **Track Permit**

Number: 63-28 Date: Current Date

To: UP Local At: Red River

1. [X] Track warrant 51-50 is void
2. [X] Not in effect until after the arrival of UP 8675 West, _____, _____ at Red River
3. [X] Proceed from Red River to Kinnick on Main track Orange Subdivision
4. [ ] Hold Main Track at last named point
5. [ ] Clear Main Track at last named point
6. [ ] Do not foul limits ahead of _____, _____, _____
7. [ ] Work between _____ and _____ on _____ track _____ Subdivision
8. [ ] Authority granted between CP _____ on _____ track Switch Yes / No
   and CP _____ on _____ track Switch Yes / No
   Joint ___ Blocked until _____ Extended to _____
9. [ ] Limits jointly occupied between _____ and _____

(NOTE: Trains must move at restricted speed within joint authority limits)

10. [ ] Joint with _____ between _____ and _____
    Joint with _____ between _____ and _____
    Joint with _____ between _____ and _____
11. [ ] Do not exceed _____ mph between _____ and _____
    No flags displayed____ Flags displayed at MP _____ for _____ trains
    Do not exceed _____ mph between _____ and _____
    No flags displayed ___ Flags displayed at MP _____ for _____ trains
    Do not exceed _____ mph between _____ and _____
    No flags displayed ___ Flags displayed at MP _____ for _____ trains
12. [ ] Comply with Procedure _____ at/between MP _____ and MP _____
    Comply with Procedure _____ at/between MP _____ and MP _____
    The ___ switch at _____ is lined for siding
    The ___ switch at _____ is lined for siding
    Leave the ___ switch at _____ lined for siding
    Leave the ___ switch at _____ lined for siding

_____

3 Box(es) marked: 1, 2, 3, _____, _____, _____, _____, _____, _____, _____

OK at 1230 Dispatcher RCB Relayed to _____ Copied by Conductor

Clear of _____ at _____ Disp _____ by _____
Clear of _____ at _____ Disp _____ by _____
Clear of _____ at _____ Disp _____ by _____

Limits reported clear at _____ by _____

TRACK AUTHORITY FORM – TE&Y

(circle one) **Track Warrant** **Track & Time** **Track Permit**

Number: 68-44 Date: Current Date

To: UP Local At: Athens

1. ☐ Track warrant _____ is void
2. ☐ Not in effect until after the arrival of _____, _____, _____ at _____
3. ☒ Proceed from Athens to MP 340.2 on Main track Sugar Subdivision
4. ☐ Hold Main Track at last named point
5. ☐ Clear Main Track at last named point
6. ☐ Do not foul limits ahead of _____, _____, _____
7. ☐ Work between _____ and _____ on _____ track _____ Subdivision
8. ☐ Authority granted between CP _____ on _____ track Switch Yes / No
   and CP _____ on _____ track Switch Yes / No
   Joint ___ Blocked until _____ Extended to _____
9. ☐ Limits jointly occupied between _____ and _____

(NOTE: Trains must move at restricted speed within joint authority limits)

10. ☐ Joint with _____ between _____ and _____
    Joint with _____ between _____ and _____
    Joint with _____ between _____ and _____
11. ☐ Do not exceed _____ mph between _____ and _____
    No flags displayed____ Flags displayed at MP _____ for _____ trains
    Do not exceed _____ mph between _____ and _____
    No flags displayed ___ Flags displayed at MP _____ for _____ trains
    Do not exceed _____ mph between _____ and _____
    No flags displayed ___ Flags displayed at MP _____ for _____ trains
12. ☐ Comply with Procedure _____ at/between MP _____ and MP _____
    Comply with Procedure _____ at/between MP _____ and MP _____
    The ___ switch at _____ is lined for siding
    The ___ switch at _____ is lined for siding
    Leave the ___ switch at _____ lined for siding
    Leave the ___ switch at _____ lined for siding

_____

1 Box(es) marked: 3, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____

OK at 1445 Dispatcher PLC Relayed to _____ Copied by Conductor

Clear of _____ at _____ Disp _____ by _____
Clear of _____ at _____ Disp _____ by _____
Clear of _____ at _____ Disp _____ by _____

Limits reported clear at _____ by _____

PB-27099

UPRR TRAINING
AREA TIMETABLE #6

Effective 0900C Tuesday, December 01, 2020

E. J. Gehringer, Executive Vice President - Operations
D. Torres, Senior Vice President - Northern Region
D. M. Giandinoto, Senior Vice President - Southern Region
T. A. Lischer, Senior Vice President - HDC & Network Operations
S. K. Keller, Senior Vice President - Mechanical & Engineering
C. S. Roseberry, Assistant Vice President - Safety & Chief Safety Officer

---

This document supersedes:

Union Pacific Railroad Training Timetable 5 effective Dec 01, 2019

EXPLANATION OF CHARACTERS

Symbol Represents:	
123.4	MILE POST FOR SUB LIMITS ARE IN BOLD AND ITALICIZED
ABS	AUTOMATIC BLOCK SIGNAL
ACS	AUTOMATIC CAB SIGNAL
ATC	AUTOMATIC TRAIN CONTROL
ATS	AUTOMATIC TRAIN STOP
CTC	CENTRALIZED TRAFFIC CONTROL
EC	ELECTRONIC CONVEYANCE
PTC	POSITIVE TRAIN CONTROL
RL	RESTRICTED LIMITS
TWC	TRACK WARRANT CONTROL
DT	DOUBLE TRACK
#MT	MULTIPLE MAIN TRACK - #(number MT's)
!	SIDING WITH ENTERING SIGNAL ALLOWING ASPECT MORE FAVORABLE THAN LUNAR
(A)	AUTOMATIC INTERLOCKING
B	BASE RADIO STATION
D	DRAW BRIDGE
(G)	GATE-NORMAL POSITION AGAINST CONFLICTING ROUTE
G	GATE-NORMAL POSITION AGAINST THIS SUBDIVISION
(M)	MANUAL INTERLOCKING
(S)	STOP SIGN
T	TURNING FACILITY
(X)	RAILROAD CROSSING AT GRADE
X	CROSSOVER BETWEEN MAIN TRACKS WITH DUAL CONTROL SWITCHES
Y	YARD LIMITS
(Z)	MANUAL INTERLOCKING WITH A RELEASE BOX AND A M/W KEY RELEASE, IF EQUIPPED
(11-2)	SPECIAL INSTRUCTIONS ITEM 11 - 2 SWITCH MACHINES
(11-3)	SPECIAL INSTRUCTIONS ITEM 11 - 3 SWITCH MACHINES
N	NORTHWARD
S	SOUTHWARD
E	EASTWARD
W	WESTWARD
C	CENTER
+	HEAD - END RESTRICTION ONLY

Symbol Represents:	
(R)	REDUCE / RESUME SPEED SIGNS AT OTHER THAN PRESCRIBED LOCATION
(#)	HOT BOX AND DRAGGING EQUIPMENT DETECTOR WITH RADIO TRANSMITTED VERBAL INDICATOR
#	HOT BOX DETECTOR WITH RADIO TRANSMITTED VERBAL INDICATOR
(!)	HOT BOX, HIGH WIDE SHIFTED LOAD AND DRAGGING EQUIPMENT DETECTOR WITH RADIO TRANSMITTED DEFECT INDICATOR
@	HOT BOX AND DRAGGING EQUIPMENT DETECTOR WITH RADIO TRANSMITTED VERBAL INDICATOR - TALK ON DEFECT ONLY WITH HOLD OR STOP SIGNALS
$	HOT BOX DETECTOR WITH RADIO TRANSMITTED VERBAL INDICATOR - TALK ON DEFECT ONLY
&	HIGH WIDE SHIFTED LOAD AND DRAGGING EQUIPMENT DETECTOR WITH RADIO TRANSMITTED VERBAL INDICATOR
(&)	HIGH WIDE SHIFTED LOAD AND DRAGGING EQUIPMENT DETECTOR WITH RADIO TRANSMITTED VERBAL INDICATOR - TALK ON DEFECT ONLY
%	DRAGGING EQUIPMENT DETECTOR WITH RADIO TRANSMITTED VERBAL INDICATOR - TALK ON DEFECT ONLY
(@)	WHEEL IMPACT DETECTOR WITH RADIO TRAMSMITTED VERBAL DEFECT INDICATOR - TALK ON DEFECT ONLY
(*)	WHEEL DOWN INDICATOR EQUIPPED WITH RADIO TRANSMITTED VERBAL INDICATOR - TALK ON DEFECT ONLY
H	DETECTORS EQUIPPED WITH HOT WHEEL DETECTOR - REMOTE READOUT ON DEFECT ONLY
+	DETECTORS EQUIPPED WITH RADIO TRANSMITTED TALK ON ARRIVAL AND DEFECT ONLY FEATURE

TRACK DIAGRAM COLOR CODES

CTC	ABS	TWC
ATC	ACS	ATS
9.14 / 9.15	9.14.2	
YL / RL / NON-SIGNALED		

OTHER AVAILABLE REFERENCE MATERIAL

Area #	Area Name	Order #	Area #	Area Name	Order #	Area #	Area Name	Order #
1	Portland	PB-27020	9	Kansas City	PB-27028	17	Houston	PB-27036
2	Salt Lake City	PB-27021	10	Salina	PB-27029	18	San Antonio	PB-27037
3	Roseville	PB-27022	11	Iowa	PB-27030	19	Livonia	PB-27039
4	Los Angeles	PB-27023	12	Twin Cities	PB-27031	0	All Area 3 Hole Singles	PB-27038
5	Sunset	PB-27024	13	Chicago	PB-27032	0	3" Binder	PB-27019
6	Denver	PB-27025	14	St. Louis	PB-27033	0	Area Tabs (19 Each)	PB-27018
7	North Platte	PB-27026	15	North Little Rock	PB-27034	0	System Special Instructions	PB-27015
8	Council Bluffs	PB-27027	16	Dallas/Ft. Worth	PB-27035	99	UPRR TRAINING TT	PB-27099

Operating Practices

David P. O'Hara, General Director - Operating Practices - Ph - 402-544-1844
Jason C. Taullie, Director - Operating Practices & Rules - Ph - 402-544-4931
Operating Practices Command Center (OPCC) - Ph - 402-544-6722
(To contact OPCC via radio, dial code 984) (Contact OPCC via email: opcc@up.com)

Rules Manager	*Phone Number*	*Timetable Area*
Robbie Goldman	801-212-3815	Chicago - Council Bluffs - Denver - Iowa - Kansas City - North Platte - Portland - Salt Lake City - St. Louis - Twin Cities
Rob Hunter	909-685-2826	Dallas/Ft. Worth - Houston - Livonia - Los Angeles - North Little Rock - Roseville - Salina - San Antonio - Sunset

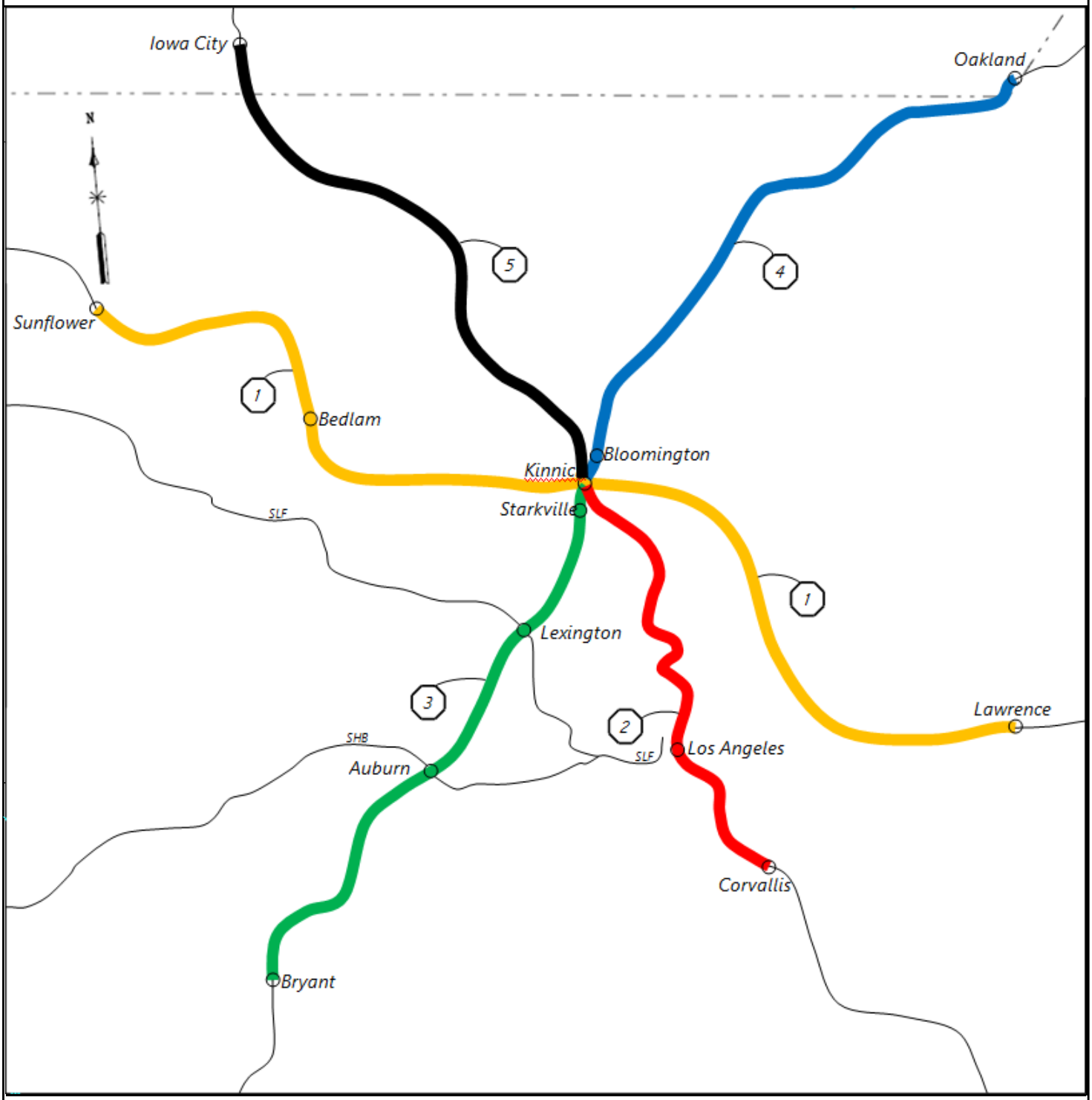
For emergencies call RMCC 1-888 UPRR COP or 1-888-877-7267

Building America

UPRR TRAINING AREA

TIMETABLE #6

Effective 0900C Tuesday, December 1st, 2020



1. ORANGE.....(1975)
2. FIESTA.....(1952)
3. SUGAR..... (1954)
4. IOWA..... (2022)
5. ROSE..... (1976)

TRAINING AREA

SUBDIVISION / Industrial Lead / Maps: **PAGE**

TRAINING AREA

Station Name	Circ7 #	Subdivision	Page #
ADAIR		IOWA	10
AMES	RR185	ORANGE	2
ANN ARBOR		ROSE	6
ATHENS	SG328	SUGAR	4
AUBURN		SUGAR	4
AUSTIN	RR126	ORANGE	2
BATON ROUGE	SG250	SUGAR	4
BEDLAM	RR178	ORANGE	2
BERKELEY		FIESTA	8
BLOOMINGTON	IA353	ROSE	6
BOULDER		FIESTA	8
BRYANT	SG244	SUGAR	4
CASEY	AF416	IOWA	10
CHAMPAIGN	IA374	ROSE	6
COLLEGE STATION	RR254	SUGAR	4
COLUMBIA	SG311	SUGAR	4
COLUMBUS	IA416	ROSE	6
CORVALLIS	CT321	FIESTA	8
DALLAS CENTER	AF374	IOWA	10
EAST LANSING		ROSE	6
EUGENE	CT377	FIESTA	8
EVANSTON	IA384	ROSE	6
FARMAGEDDON		ORANGE	2
FAYETTEVILLE	SG270	SUGAR	4
FORT WORTH	RR171	ORANGE	2
GAINESVILLE	SG341	SUGAR	4
GRIMES	AF367	IOWA	10
IOWA	RR205	ORANGE	2
IOWA CITY	IA431	ROSE	6
IRVING	RR225	ORANGE	2
KANSAS	RR096	ORANGE	2
KINNICK	RR143	FIESTA	8
KINNICK	RR143	IOWA	10
KINNICK	RR143	ORANGE	2
KINNICK	RR143	ROSE	6
KINNICK	RR143	SUGAR	4
KNOXVILLE	SG297	SUGAR	4
LAWRENCE		ORANGE	2
LE CLAIRE	AF353	IOWA	10
LEXINGTON		SUGAR	4
LINCOLN	IA367	ROSE	6
LINDEN	AF384	IOWA	10
LOS ANGELES		FIESTA	8
LUBBOCK	RR081	ORANGE	2
MADISON (Trk. 1)	IA403	ROSE	6
MANHATTAN	RR137	ORANGE	2
MENLO		IOWA	10
MINNEAPOLIS		ROSE	6
MORGANTOWN	RR148	ORANGE	2
NASHVILLE	SG346	SUGAR	4
NORMAN	RR061	ORANGE	2
NORTH CORVALLIS		FIESTA	8
NORTH LOS ANGELES	CT345	FIESTA	8
OAKLAND	AF431	IOWA	10
OKLAHOMA	RR108	ORANGE	2
OXFORD	SG262	SUGAR	4
PANORA		IOWA	8
PULLMAN	CT337	FIESTA	8
RED RIVER	RR161	ORANGE	2
SALT LAKE CITY	CT339	FIESTA	8
SEATTLE	CT369	FIESTA	8
SOUTH LOS ANGELES		FIESTA	8
STANFORD (HOLD)		FIESTA	8
STARKVILLE	SG344	SUGAR	4
STILLWATER	RR115	ORANGE	2
STUART	AF403	IOWA	10
SUNFLOWER	RR235	ORANGE	2
TEMPE	CT352	FIESTA	8
TEXAS	RR215	ORANGE	2
TUCSON	CT386	FIESTA	8
TUSCALOOSA	SG290	SUGAR	4
URBANDALE	AF359	IOWA	10
WACO	RR193	ORANGE	2
WEST LAFAYETTE	IA359	ROSE	6
WEST SUNFLOWER HOLD	RR238	ORANGE	2
WESTWOOD	CT361	FIESTA	8

ORANGE SUBDIVISION (1975)

Radio Display:
Lawrence and West Sunflower: 027-027- *11

Mile Post	Track Layout	Rule 6.3	CP #'s	WEST EAST Stations/Control Points	Sta. #'s	Siding Feet
52.8		CTC 2MT	W053	LAWRENCE X(11-2) (7.3)		
60.1 62.3			W060 W062	NORMAN ! (14.7)	RR061	N11240 S11235
74.8			W075	FARMAGEDDON (11-3) (6.1)		
		CTC				
80.9 82.1			W081 W082	LUBBOCK (14.4)	RR081	5230
95.3 97.0			W095 W097	KANSAS ! (11.7)	RR096	8028
107.0 108.3			W107 W108	OKLAHOMA ! (7.1)	RR108	6020
114.1 115.9			W114 W116	STILLWATER ! (11.7)	RR115	8820
125.8 127.1			W126 W127	AUSTIN ! (10.2)	RR126	8027
136.0 138.1			W136 W138	MANHATTAN ! (6.6)	RR137	10410
142.6 143.0			W142 W143	KINNICK (X)UPRR(M)T (4.4)	RR143	
147.7 149.6		TWC ABS	W148 W150	MORGANTOWN (M)! (12.6) (M)!	RR148	9715
159.8 161.4		TWC		RED RIVER (9.9)	RR161	8345
170.4 171.6				FORT WORTH (7.4)	RR171	5994
177.1 179.4		YL ABS		BEDLAM B (7.1)	RR178	YARD
184.2 186.1		TWC		AMES (8.4)	RR185	9580
192.6 194.5		ABS		WACO (11.7)	RR193	9630
204.3 205.6		CTC	W204 W206	IOWA (10.5)	RR205	5965
214.8 216.0			W215 W216	TEXAS (9.2)	RR215	6114
224.0 225.9			W224 W226	IRVING ! (10.2)	RR225	9037
234.2 236.0			W234 W236	SUNFLOWER T (3.6)	RR235	YARD
237.8			W238	WEST SUNFLOWER (HOLD)	RR238	

(185.0)

SI-01 MAIN TRACK AUTHORITY

CTC between:
MP 52.8 and MP 143.0;
MP 204.3 and MP 237.8.

TWC between:
MP 143.0 and MP 175.0;
MP 180.5 and MP 204.3.

ABS between:
MP 175.0 and MP 204.3;
MP 147.7 and MP 149.6.

YL between:
MP 175.0 and MP 180.5.

PTC between:
MP 204.3 and MP 237.8.

SI-02 MAXIMUM SPEED TABLE

Maximum Speed Between Mileposts 52.8 and 237.8	MPH FRT
(Except as Below)	70
142.6 and 143.0	40
143.0 and 176.0	49
176.0 and 180.5	40
180.5 and 204.3	60
234.2 and 236.0	40

SI-03 OTHER SPEED RESTRICTIONS

Maximum Speed	MPH
1. Thru Sidings & Turnouts.	
Lubbock	15
Oklahoma, Austin	20
2. Dual Control Switch Turnouts.	
CP W053, W075	40
3. Misc. Speed Restrictions.	
Kinnick - All Turnouts and Wye Tracks	20
4. Key Trains: Crude Oil/High Hazard Flammable	
Between Mileposts MP 212.2 and MP 237.8	40

SI-04 MAIN TRACK DESIGNATIONS

2MT between: CP W053 and CP W075.

SI-05 MILEPOST EQUATIONS - None.

SI-06 RCL OPERATIONS

RCL Area: Bedlam Yard

Zone Status: Trains entering the Bedlam yard must contact the yardmaster for zone status before entering.

Zone W: RCL Zone on the west end of the South Bedlam Yard begins at the clearance point of the west end of track #5,and extends west on the west switching lead to the end of the West Drill track.

Zone E: RCL Zone on the east end of the South Bedlam Yard begins at the clearance point of the east end of track #5,and extends east on the east switching lead to the end of the East Drill track.

SI-07 ITEM 13 TRAIN DEFECT DETECTORS

(#)+ 65.4	% 155.0	(#) 198.0
% 77.1	(#) 158.1	% 209.6
(#)+ 90.3	(!) 167.7 *	(#)+ 220.2
(#)+ 117.8	% 171.7	(#)+ 230.4
(#)+ 131.7	(#) 175.9	
(#) 145.0	(#) 182.2	

* Protects Red River Bridge MP 164.2

ORANGE SUBDIVISION (1975)

SI-08 RULES ITEMS

Rule 8.19.1: Radio controlled switch and derail installed on each end of Red River Siding, MP 159.8 and MP 161.4. Normal position will be for main to main movement. Reverse position will be for entering/departing siding. Switch control signs are located 11,000 feet from "Begin OS" signs on main track for eastward movements and 11,800 feet for westward movements. Switch control signs are located 6,600 from "Begin OS" sign on siding for eastward movements and 5,000 feet for westward movements.

Location	Normal	Reverse	Radio
MP 159.8	1327666	1327677	027-027
MP 161.4	1307466	1307477	027-027

Rule 9.15: In effect on siding Morgantown. MofW On-Track equipment must obtain a track permit to occupy this siding. A track permit will be issued to a train only when operating conditions require siding to be jointly occupied by a train and men or equipment

13.1.4 ACS Test Loops: Sunflower Yard: Located on Main Track westward MP 233.8 to MP 234.6.

Rule 32.1: Sunflower Yard Receiving Tracks: Four handbrakes required on east end of all receiving yard tracks.

Bedlam Yard Departure Tracks: Three handbrakes minimum required on east end of all departure yard tracks.

SI-09 FRA EXCEPTED TRACKS

Bedlam: All North Yard tracks.

SI-10 BUSINESS TRACKS

Track Name	MP	Sta.#'s
Riskus	175.1	SR017

SI-11 INDUSTRIAL LEADS

Sessums Industrial Lead: (1710) Off of main track at MP 221.3; extends for 24.0 miles to end of track.

Maximum Gross Weight Restrictions:
134 Tons, Restrictions A and S.
Radio Channel: 071-071

Business Tracks	MP	Sta.#'s
Orange	2.0	HG002
Wheat	4.0	HG004
Hangar	24.0	HG024

SI-12 TONNAGE RESTRICTIONS/TPOB Maximum Gross Weight Restrictions:

158 Tons, Restrictions A and N.

SI-13 TRAIN MAKE-UP RESTRICTIONS

No additional restrictions to system requirements.

SI-14 MISC. INSTRUCTIONS

Track Breach Protection: Employee announced Track Breach Protection may be in effect:

Bedlam Yard:

MP 175.0 and MP 180.5
Radio Display 027-027

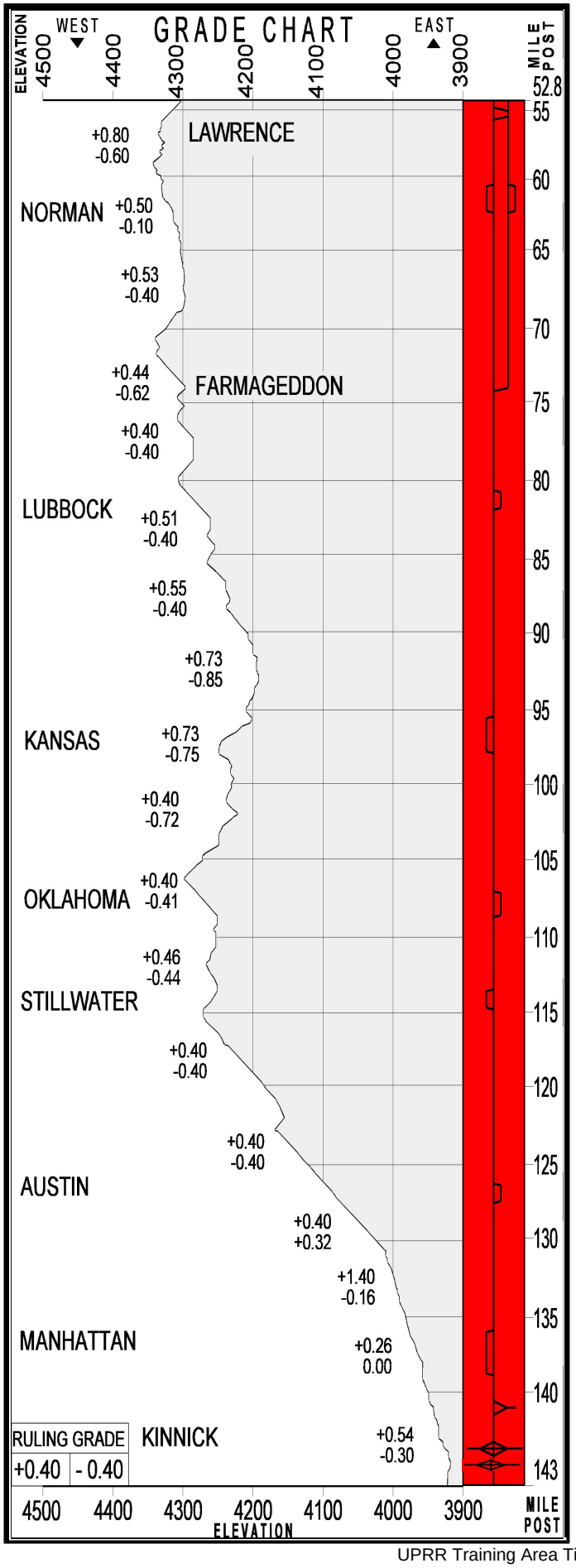
Hot Wheel Detectors:

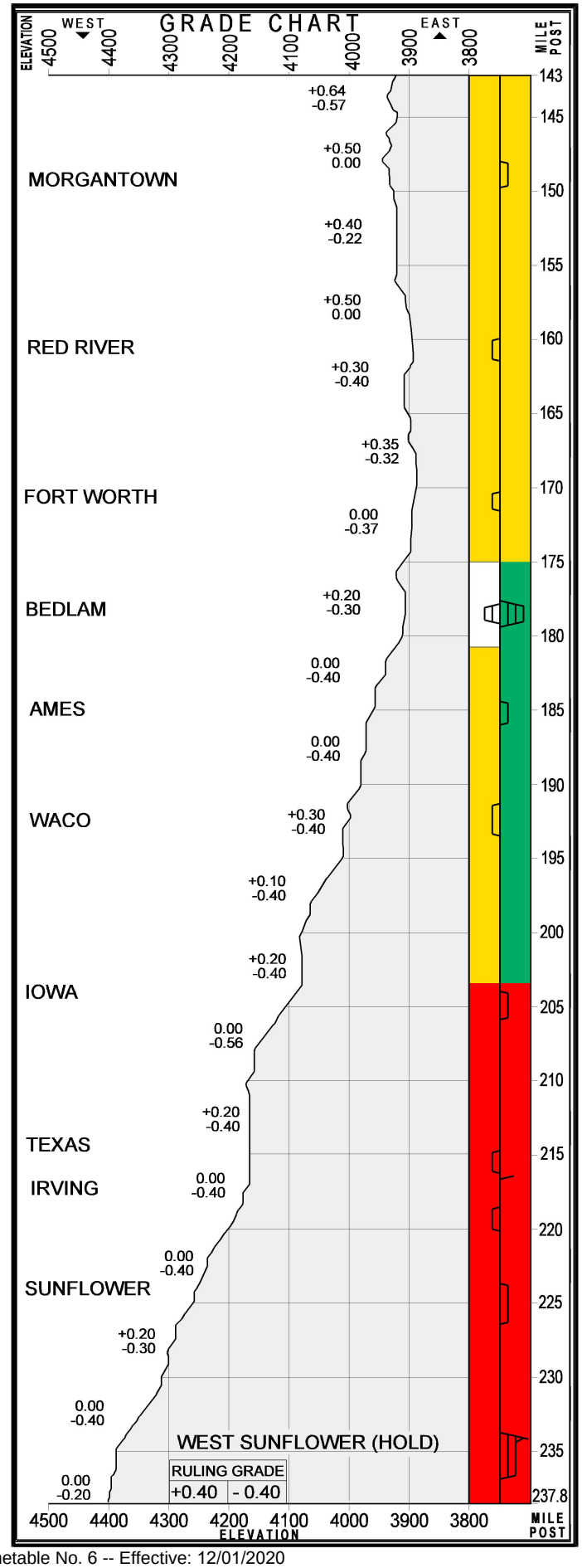
As referenced in SSI Item 13.1, bridge with a through truss structure located at the following location:
MP 164.2

Set Out Tracks

MP	Name	Track	Access Direction	Length
81.3	Lubbock	Siding	West	300
113.8	Stillwater	Main	East	600
137.8	Manhattan	Siding	West	380
204.5	Iowa	Siding	East	300

ORANGE SUBDIVISION (1975)





SUGAR SUBDIVISION (1954)

Radio Display:
Between Kinnick and Bryant: 096-096 - *54

Mile Post	Track Layout	Rule 6.3	CP #'s	SOUTH ▼ NORTH ▲ Stations/Control Points	Sta. #'s	Siding Feet
348.2		CTC	W143	KINNICK (X)UPRR(M)T (2.4)	RR143	
345.8		YL ABS		NASHVILLE (0.9)	SG346	
344.9				STARKVILLE BT (2.9)	SG344	YARD
343.2						
342.0				GAINESVILLE (13.2)	SG341	
340.2		TWC ABS				
328.8			W329	ATHENS (M)! (7.4)	SG328	11950
326.7			W327	(M)!		
321.4				LEXINGTON (X)SLF(A) (10.1)		
311.3				COLUMBIA (14.2)	SG311	7936
310.1						
297.1				KNOXVILLE (7.5)	SG297	7941
295.9						
289.6				TUSCALOOSA (7.4)	SG290	
282.2			W801	AUBURN (X)SHB(M) (11.2)		
		TWC				
271.0				FAYETTEVILLE (8.6)	SG270	6800
269.7						
262.4				OXFORD (8.5)	SG262	8615
260.8						
253.9				COLLEGE STATION (3.6)	RR254	
250.3				BATON ROUGE (5.8)	SG250	7270
248.9						
244.5		YL		BRYANT B (5.0)	SG244	YARD
242.7						

(103.7)

SI-01 MAIN TRACK AUTHORITY

CTC at:
CP W143 Kinnick

TWC Between:
MP 340.2 and MP 246.1

Yard Limits Between:
MP 348.2 and 340.2;
MP 246.1 and 242.7

ABS Between:
MP 348.2 and 282.2

SI-02 MAXIMUM SPEED TABLE

Maximum Speed Between Mileposts	MPH FRT
348.2 and 242.7 (Except as Below)	**60**
344.2 and 340.2	40
321.4 (X)	25
301.4 and 300.1	50
282.2 and 246.1	49
246.1 and 242.7	20

SI-03 OTHER SPEED RESTRICTIONS

Maximum Speed **MPH**

1. **Thru Sidings & Turnouts.**
   - Fayetteville 20
   - Athens 25
2. **Dual Control Switch Turnouts (No Exceptions).**
3. **Misc. Speed Restrictions.**
   - Kinnick - All Turnouts and Wye Tracks 20
4. **Key Trains: Crude Oil/High Hazard Flammable** Between Mileposts
   - MP 310.1 and MP 274.6 40

SI-04 MAIN TRACK DESIGNATIONS - None.

SI-05 MILEPOST EQUATIONS

MP 346.2 = MP 346.2 Rose Subdivision

SI-06 RCL OPERATIONS - None.

SI-07 ITEM 13 TRAIN DEFECT DETECTORS

(#) 346.0	(#) 306.9	(#) 279.7
% 338.5	% 299.7	% 265.5
(#) 323.2	% 292.6	(#) 254.1
% 315.8	% 284.3	(#) 246.2

SI-08 RULES ITEMS

Rule 9.15 applies: Siding at Athens. MofW On-Track equipment must obtain a track permit to occupy this siding. A track permit will be issued to a train only when operating conditions require siding to be jointly occupied by a train and men or equipment. **Rule 32.1** Starkville Yard: Three handbrakes are required on south end of all yard tracks.

SI-09 FRA EXCEPTED TRACKS

College Station

SI-10 BUSINESS TRACKS - None.

SI-11 INDUSTRIAL LEADS

Gainesville Industrial Lead: (801) Off main track at MP 342.0; extends 7.9 miles to end of track.
Maximum Gross Weight Restrictions:
134 Tons, Restrictions A and S.
Radio Channel: 027-027

Business Tracks	MP	Sta.#'S
Conway	2.1	GV002
Chanticleer.	6.8	GV007

SI-12 TONNAGE RESTRICTIONS/TPOB

Maximum Gross Weight Restrictions:
158 Tons, Restrictions A and N.

SI-13 TRAIN MAKE-UP RESTRICTIONS

No additional restrictions to system requirements.

SUGAR SUBDIVISION (1954)

SI-14 MISC. INSTRUCTIONS

Track Breach Protection:

Employee established Track Breach Protection may be in effect:

Starkville Yard:

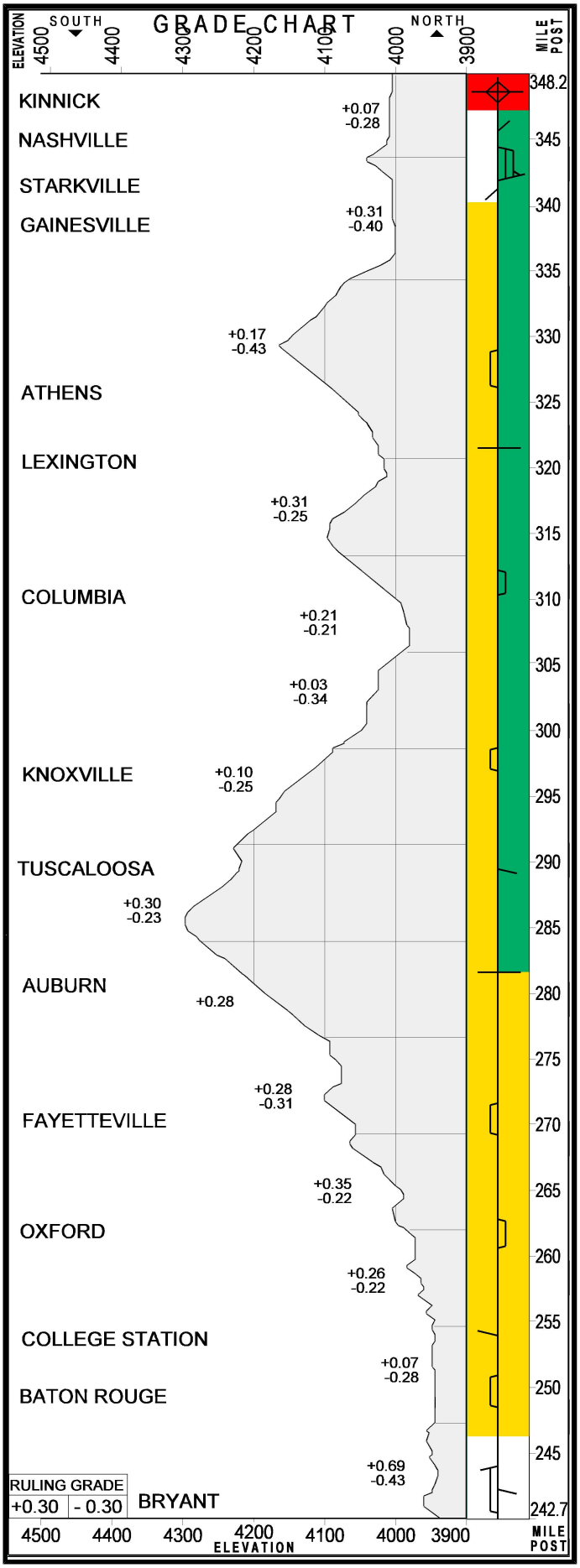
MP 344.9 and MP 343.2
Radio Display 096-096

Bryant Yard:

MP 244.5 and MP 242.7
Radio Display 096-096

Set Out Tracks

MP	Name	Track	Access Direction	Length
328.1	Athens	Siding	Both	800
309.6	Columbia	Main	North	300
296.7	Knoxville	Siding	Both	600
283.1	Auburn	Main	South	450
281.1	Auburn	Main	North	500
261.5	Oxford	Siding	Both	680
248.3	Baton Rouge	Main	North	600



ROSE SUBDIVISION (1976)

Mile Post	Track Layout	Rule 6.3	CP #'s	SOUTH ▼ NORTH ▲ Stations/Control Points	Sta. #'s	Siding Feet
				Radio Display: Between Iowa City and Kinnick: 020-020- *07		
432.7		CTC2MT ACS	G433	IOWA CITY !	IA431	E12700
430.2			G430	(9.9)		W12695
422.8			G423	MINNEAPOLIS X(11-2) (5.8)		
417.0			G417	COLUMBUS !	IA416	C9916
415.0			G415	(10.8)		
406.2			G406	MADISON (Trk. 1)	IA403	8763
404.4			G404	(9.3)		
396.9			G397	ANN ARBOR X(11-2) (7.3)		
389.6			G390	EAST LANSING (11-3) (4.5)		
		CTC ACS				
385.3			G385	EVANSTON !	IA384	14784
382.3			G382	(10.0)		
375.1			G375	CHAMPAIGN !	IA374	8596
373.3			G373	(7.8)		
367.3			G367	LINCOLN	IA367	5056
366.2			G366	(7.4)		
359.9			G360	WEST LAFAYETTE !	IA359	7316
358.4			G358	(5.5)		
354.4		CTC	G354	BLOOMINGTON BT	IA353	Yard
352.2			G352	(8.0)		
346.4			W143	KINNICK (X)UPRR(M)T (0.0)	RR143	
				(86.3)		

SI-01 MAIN TRACK AUTHORITY

CTC between: CP G433 and CP W143
ACS between: CP G433 and CP G354
PTC between: CP G433 and CP W143

SI-02 MAXIMUM SPEED TABLE

Maximum Speed Between Mileposts	MPH FRT
432.7 and 346.4 (Except as Below)	**70**
420.7 and 418.6	55
380.9 and 380.4	40
370.1 and 369.7	50
368.4 and 368.0	60
354.4 and 352.2	30

SI-03 OTHER SPEED RESTRICTIONS

Maximum Speed	MPH
1. Thru Sidings & Turnouts.	
West and East sidings Iowa City, Columbus, Evanston, Champaign	40
West Lafayette	20
2. Dual Control Switch Turnouts.	
CP G423, G397	50
CP G390	60
3. Misc. Speed Restrictions.	
Kinnick - All Turnouts and Wye Tracks	20
4. Key Trains: Crude Oil/High Hazard Flammable Between Mileposts MP 432.7 and MP 410.7	40

SI-04 MAIN TRACK DESIGNATIONS

2MT between CP G433 and CP G390

SI-05 MILEPOST EQUATIONS - None.

SI-06 RCL OPERATIONS - None.

SI-07 ITEM 13 TRAIN DEFECT DETECTORS

(#)+ 428.2	% 387.0	(#)+ 356.4
(#)+ 419.8	(#)+ 379.3	(#)+ 350.1
% 412.5	% 370.6	
(#)+ 401.6	% 362.9	

SI-08 RULES ITEMS

Rule 13.1.4 ACS Test Loops
Bloomington:
Main Track Northward between MP 354.1 to MP 354.7; North yard switching lead to CP G354.

Rule 13.1.4 PTC/ACS Operations:
The Automatic Cab Signal (ACS) system on the lead unit must be cut out upon successful initialization of the Positive Train Control (PTC) system and prior to initiating movement. If the PTC system disengages, is cut out under authority of the train dispatcher, or otherwise fails en-route while leading engine is within PTC/ACS territory, the train must be stopped. After stopping, the ACS system on the lead unit must be cut in prior to any subsequent movement. If the ACS departure test cannot be performed while on energized track, a departure test must be conducted in accordance with Rule 13.1.5 at the train's next forward location where such a test can be performed. If unable to cut in ACS system on the lead unit, the train must comply with Rule 13.3.3.
Application: The "next forward location" is the next terminal or crew change point along route of train where:
1. Non energized track is present - for Engines equipped with the ACS self test feature.
   OR
2. Test loop is present.

SI-09 FRA EXCEPTED TRACKS - None.

SI-10 BUSINESS TRACKS - None.

SI-11 INDUSTRIAL LEADS - None.

SI-12 TONNAGE RESTRICTIONS/TPOB

Maximum Gross Weight Restrictions:
158 Tons, Restrictions A and N.

SI-13 TRAIN MAKE-UP RESTRICTIONS

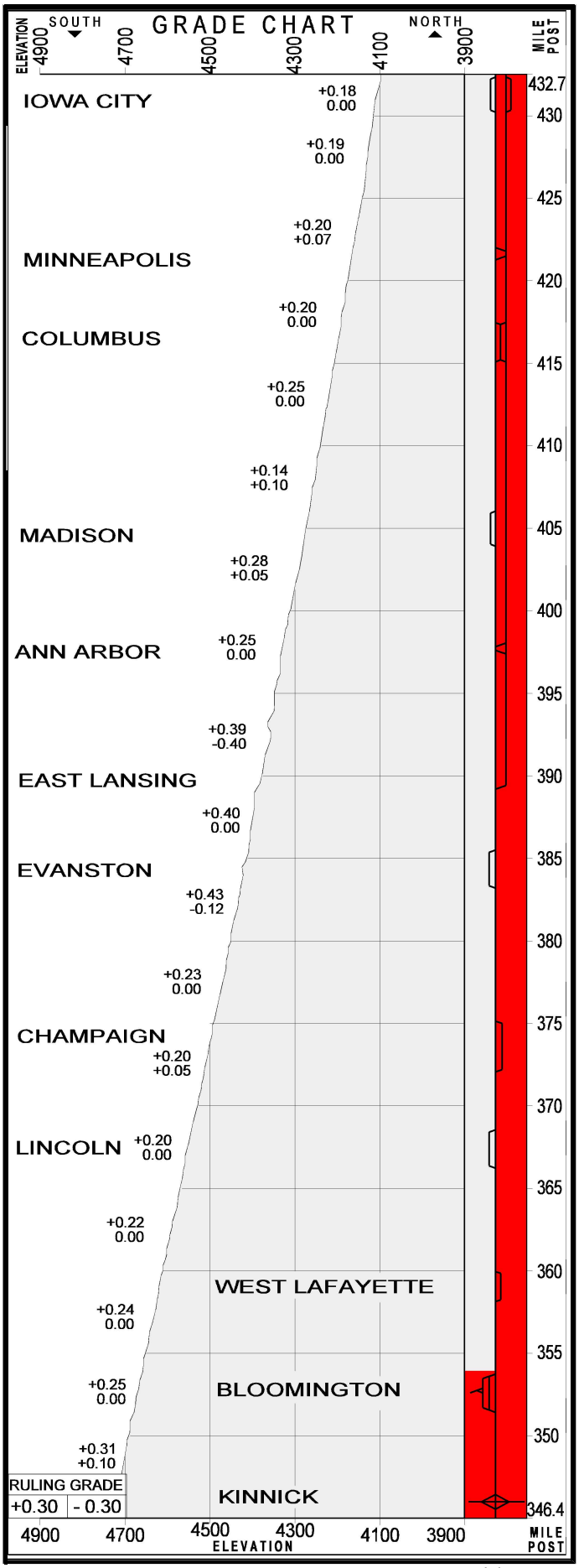
No additional restrictions to system requirements.

SI-14 MISC. INSTRUCTIONS

Set Out Tracks

MP	Name	Track	Access Direction	Length
431.2	Iowa City	E. Siding	Both	1000
431.5	Iowa City	W. Siding	Both	850
421.6	Minneapolis	Trk. 1	South	900
421.4	Minneapolis	Trk. 2	North	1000
398.8	Ann Arbor	Trk. 1	South	800
398.6	Ann Arbor	Trk. 2	North	900
384.3	Evanston	Siding	Both	1200
374.1	Champaign	Main	Both	400
359.0	West Lafayette	Siding	Both	800
354.1	Bloomington	Main	North	1000

ROSE SUBDIVISION (1976)



FIESTA SUBDIVISION (1952)

Radio Display:
Between Kinnick and Corvallis: 096-096- *35

Mile Post	Track Layout	Rule 6.3	CP #'s	SOUTH ▼ NORTH ▲ Stations/Control Points	Sta. #'s	Siding Feet
393.7		CTC	W142	KINNICK (X)UPRR(M)T (6.5)	RR143	
387.2 385.5			M387 M386	TUCSON ! (9.7)	CT386	8343
377.5 376.4			M378 M376	EUGENE ! (8.0)	CT377	5169
369.5 368.3			M369 M368	SEATTLE ! (7.8)	CT369	5675
361.7 360.0			M362 M360	WESTWOOD ! (8.8)	CT361	8342
352.9 351.8			M353 M352	TEMPE ! (6.5)	CT352	5065
346.4			M346	NORTH LOS ANGELES ! (1.2)		5400
345.2			M345	LOS ANGELES T (1.6)		
343.6			M344	SOUTH LOS ANGELES ! (3.4)		6350
340.2 338.5			M340 M338	SALT LAKE CITY ! (2.6)	CT339	8670
337.6 336.6			M337 M336	PULLMAN (4.0)	CT337	5092
333.6		CTC 2MT	M334	BERKELEY (2.6)		
331.0			M331	BOULDER (4.6)		
326.5		CTC	M327	STANFORD (HOLD) (3.9)		
322.9			M323	NORTH CORVALLIS (1.2)		
321.4			M321	CORVALLIS !	CT321	8501

(72.3)

SI-01 MAIN TRACK AUTHORITY
CTC between: Entire Subdivision

SI-02 MAXIMUM SPEED TABLE

Maximum Speed Between Mileposts	MPH FRT
393.7 and 321.4 (Except as Below)	**60**
390.1 and 388.5	55
388.5 and 387.9	50
387.9 and 379.1	40
373.8 and 363.7	40
363.7 and 355.5	35
355.5 and 347.4	30
347.4 and 346.0	35
346.0 and 337.9	40
337.9 and 333.5	35
333.5 and 321.4	30

SI-03 OTHER SPEED RESTRICTIONS

Maximum Speed	MPH
1. Thru Sidings & Turnouts.	
Sidings Tucson, Eugene, Seattle, Los Angeles (north siding)	25
Siding Salt Lake City	20
Sidings Westwood, Tempe, Los Angeles (south siding), Pullman	10
2. Dual Control Switch Turnouts.	
MP 345.2 Crossover	10
Corvallis Crossover	10
3. Misc. Speed Restrictions.	
Kinnick - All Turnouts and Wye Tracks	20
4. Key Trains: Crude Oil/High Hazard Flammable Between Mileposts MP 358.1 and MP 332.8	40

SI-04 MAIN TRACK DESIGNATIONS
Two main tracks between:
MP 333.6 and MP 331.0

SI-05 MILEPOST EQUATIONS - None.

SI-06 RCL OPERATIONS - None.

SI-07 ITEM 13 TRAIN DEFECT DETECTORS

(#) 390.9	(#) 357.5	& 327.3 *
% 384.0	% 347.8	% 326.5
% 379.0	(#) 342.4	% 324.2
% 374.9	% 335.0	& 323.2 *
(#) 372.9	(#) 330.0	
% 365.0	% 329.0	

* Protects Red River Bridge MP 325.0

SI-08 RULES ITEMS
Rule 32.1: Do not tie-up and leave a train unattended between Berkeley CP M334 and Corvallis CP M321 unless track has derail protection.
SSI Item 8: 1% Applicabilty Code applies between Kinnick and Berkeley; 2% Applicability Code applies between Berkeley and Corvallis. Cresting Grade "CG" locations for Southward trains at MP 367.7 (Seattle) and at MP 332.5 (Berkeley).

SI-09 FRA EXCEPTED TRACKS
Tempe Set Out Track.

SI-10 BUSINESS TRACKS - None.

SI-11 INDUSTRIAL LEADS
Hunter Industrial Lead: (1961) Located at MP 346.0 off the North Los Angeles siding. Extends 4.1 miles to end of track.
Maximum Gross Weight Restrictions:
143 Tons, Restrictions A and Q.
Radio Channel: 036-036

Business Tracks	MP	Sta.#'S
Reagan	2.0	CT345
Roseberry	3.7	CT343

FIESTA SUBDIVISION (1952)

SI-12 TONNAGE RESTRICTIONS/TPOB

Maximum Gross Weight Restrictions:

158 Tons, Restrictions A and N.

Descending Grade Between Berkeley and Corvallis:

The following table must be used to determine maximum speed:

Tons Per Operative Brake:	Tons Per Dynamic Brake Axle:	Maximum Speed
80 or less	300 or less	30 MPH
	300+ to 425	25 MPH
	425+ to 500	20 MPH
80+ to 100	300 or less	25 MPH
	300+ to 500	20 MPH
100+ to 130	250 or less	25 MPH
	250+ to 500	20 MPH
130+	500 or less	20 MPH

Between MP 332.6 and MP 322.6: A train that exceeds 500 tons per dynamic brake axle, experiences dynamic brake failure, or the use of full dynamic brake and an 18-lb brake pipe reduction will not control the train at the allowable speed, train must be STOPPED and sufficient hand brakes set to prevent movement. The train must not proceed until additional dynamic braking is obtained, tonnage is reduced or retainers on all cars are placed in operative position. When it is necessary to use retainers, the train must not proceed except as instructed by the district Manager of Operating Practices.

SI-13 TRAIN MAKE-UP RESTRICTIONS

The following table applies when operating between Eugene and Corvallis:

LEAD CONSIST EPA/EDBA TABLE		
Train Type	**Max EPA**	**Max EDBA**
Loaded Bulk-Commodity Unit Train	36	31
Intermodal	44	27
All Other Trains	36	27

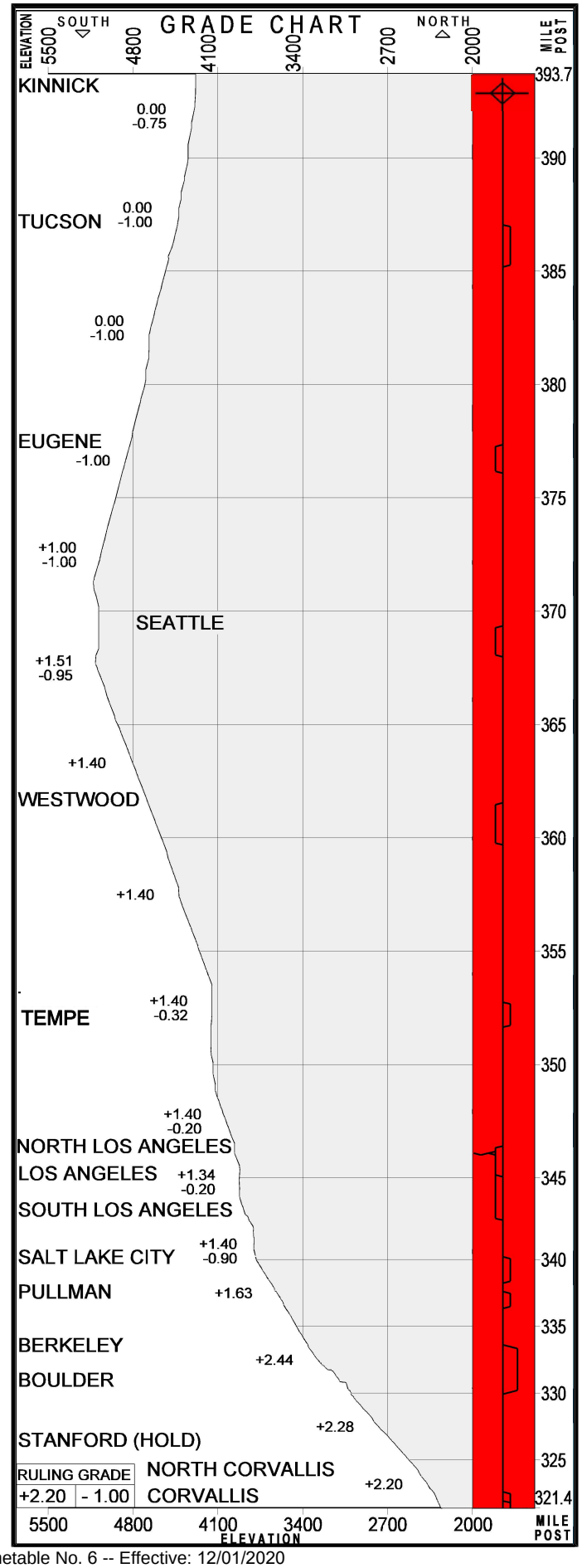
No additional restrictions to system requirements.

SI-14 MISC. INSTRUCTIONS

Special Walkways Special walkways located between MP 325.0 and MP 327.4 to allow trainmen to make an inspection of both sides of train when required. When train inspection is required but walking conditions do not allow both sides of the train to be safely inspected, the following procedures must be followed:

1. Determine safest side of train to perform the inspection.
2. If at any point during the inspection it is determined that the opposite side would be the safest route, employee may crossover and continue the inspection.
3. If employee determines that a walking inspection of the train may not be performed or completed safely, contact the dispatcher for further instructions.

Set Out Tracks				
MP	**Name**	**Track**	**Access Direction**	**Length**
386.0	Tucson	Siding	South	300
353.1	Tempe	Main	North	500
344.7	Los Angeles		South	500



IOWA SUBDIVISION (2022)

Radio Display:
Kinnick and Oakland
095-095 - (*93)

Mile Post	Track Layout	Rule 6.3	CP #'s	SOUTH ▼ NORTH ▲ Stations/Control Points	Sta. #'s	Siding Length
432.7		CTC2MT	H433	OAKLAND !	AF431	E12700
		ATC				
430.2			H430	(9.9)		W12695
422.8			H423	ADAIR X(11-2)		
				(5.8)		
417.0			H417	CASEY !	AF416	C9916
415.0			H415	(10.8)		
406.2			H406	STUART (MT1)	AF403	8763
404.4			H404	(9.3)		
396.9			H397	MENLO X(11-2)		
				(7.3)		
389.6		CTC	H390	PANORA (11-3)		
		ATC		(4.5)		
385.1			H385	LINDEN !	AF384	13671
382.3			H382	(10.0)		
375.1			H375	DALLAS CENTER !	AF374	8596
373.3			H373	(7.8)		
367.3			H367	GRIMES	AF367	5056
366.2			H366	(7.4)		
359.9			H360	URBANDALE !	AF359	7316
358.4			H358	(5.5)		
354.4		CTC	H354	LE CLAIRE BT	AF353	YARD
352.2			H352	(8.0)		
346.4			W142	KINNICK (X)UPRR(M)T	RR143	
				(0.0)		
				(86.3)		

SI-01 MAIN TRACK AUTHORITY
CTC between: CP H433 and CP W142
ATC between: CP H433 and CP H354

SI-02 MAXIMUM SPEED TABLE

Maximum Speed Between Mileposts	MPH FRT
432.7 and 346.4 (Except as Below)	**70**
420.7 and 418.6	55
380.9 and 380.4	40
370.1 and 369.7	50
368.4 and 368.0	60
354.4 and 352.2	30

SI-03 OTHER SPEED RESTRICTIONS

Maximum Speed	MPH
1. Thru Sidings & Turnouts.	
West and East sidings Oakland, Casey, Linden, Dallas Center	40
Urbandale	20
2. Dual Control Switch Turnouts.	
CP H423, H397	50
CP H390	60
3. Misc. Speed Restrictions.	
Kinnick - All Turnouts and Wye Tracks	20
4. Key Trains: Crude Oil/High Hazard Flammable Between Mileposts	
MP 432.7 and MP 410.7	40

SI-04 MAIN TRACK DESIGNATIONS
2MT between CP H433 and CP H390

SI-05 MILEPOST EQUATIONS - None.

SI-06 RCL OPERATIONS - None.

SI-07 ITEM 13 TRAIN DEFECT DETECTORS

(#) 428.2	% 387.0	(#) 356.4
(#) 419.8	(#) 379.3	(#) 350.1
% 412.5	% 370.6	
(#) 401.6	% 362.9	

SI-08 RULES ITEMS
Rule 17.4 ATC Test Loops
Le Claire:
Main Track Northward between MP 354.1 to MP 354.7
Le Claire Yard:
North switching lead to CP H354

SI-09 FRA EXCEPTED TRACKS - None.

SI-10 BUSINESS TRACKS - None.

SI-11 INDUSTRIAL LEADS - None.

SI-12 TONNAGE RESTRICTIONS/TPOB
Maximum Gross Weight Restrictions:
158 Tons, Restrictions A and N.

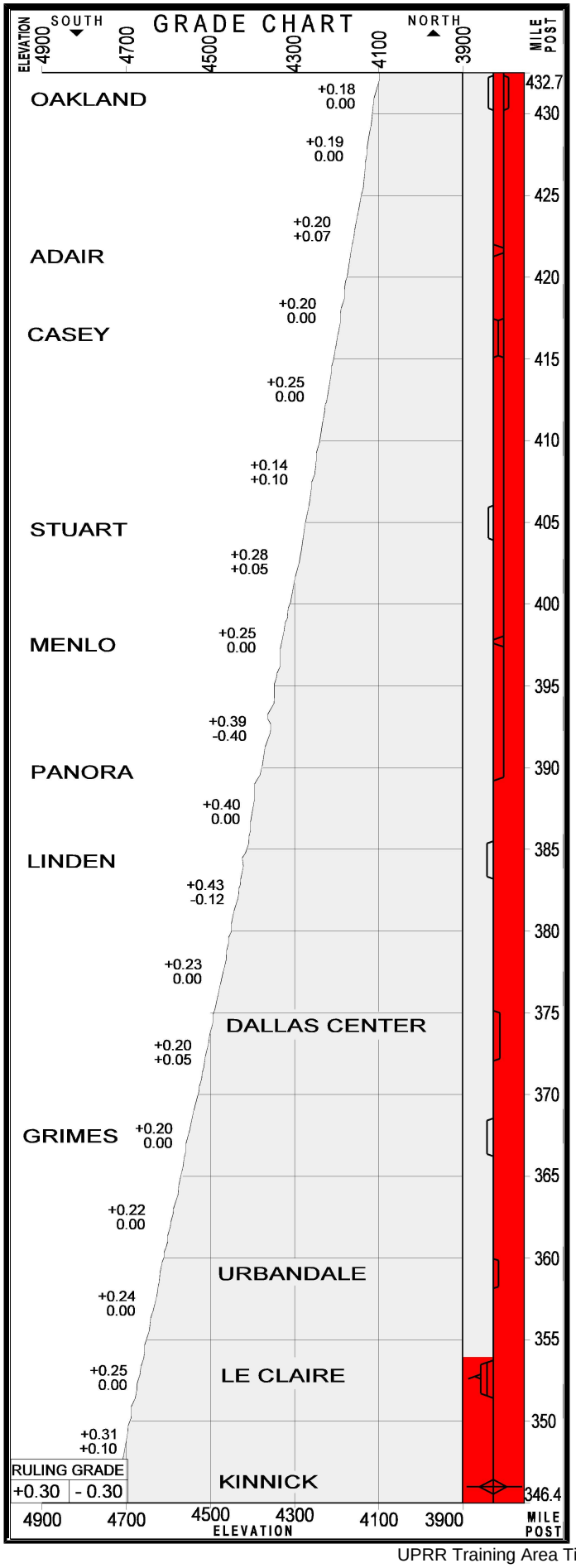
SI-13 TRAIN MAKE-UP RESTRICTIONS
No additional restrictions to system requirements.

SI-14 MISC. INSTRUCTIONS

Set Out Tracks

MP	Name	Track	Access Direction	Length
431.2	Oakland	E. Siding	Both	1000
431.5	Oakland	W. Siding	Both	850
421.6	Adair	Trk. 1	South	900
421.4	Adair	Trk. 2	North	1000
398.8	Menlo	Trk. 1	South	800
398.6	Menlo	Trk. 2	North	900
384.3	Linden	Siding	Both	1200
374.1	Dallas Center	Main	Both	400
359.0	Urbandale	Siding	Both	800

IOWA SUBDIVISION (2022)



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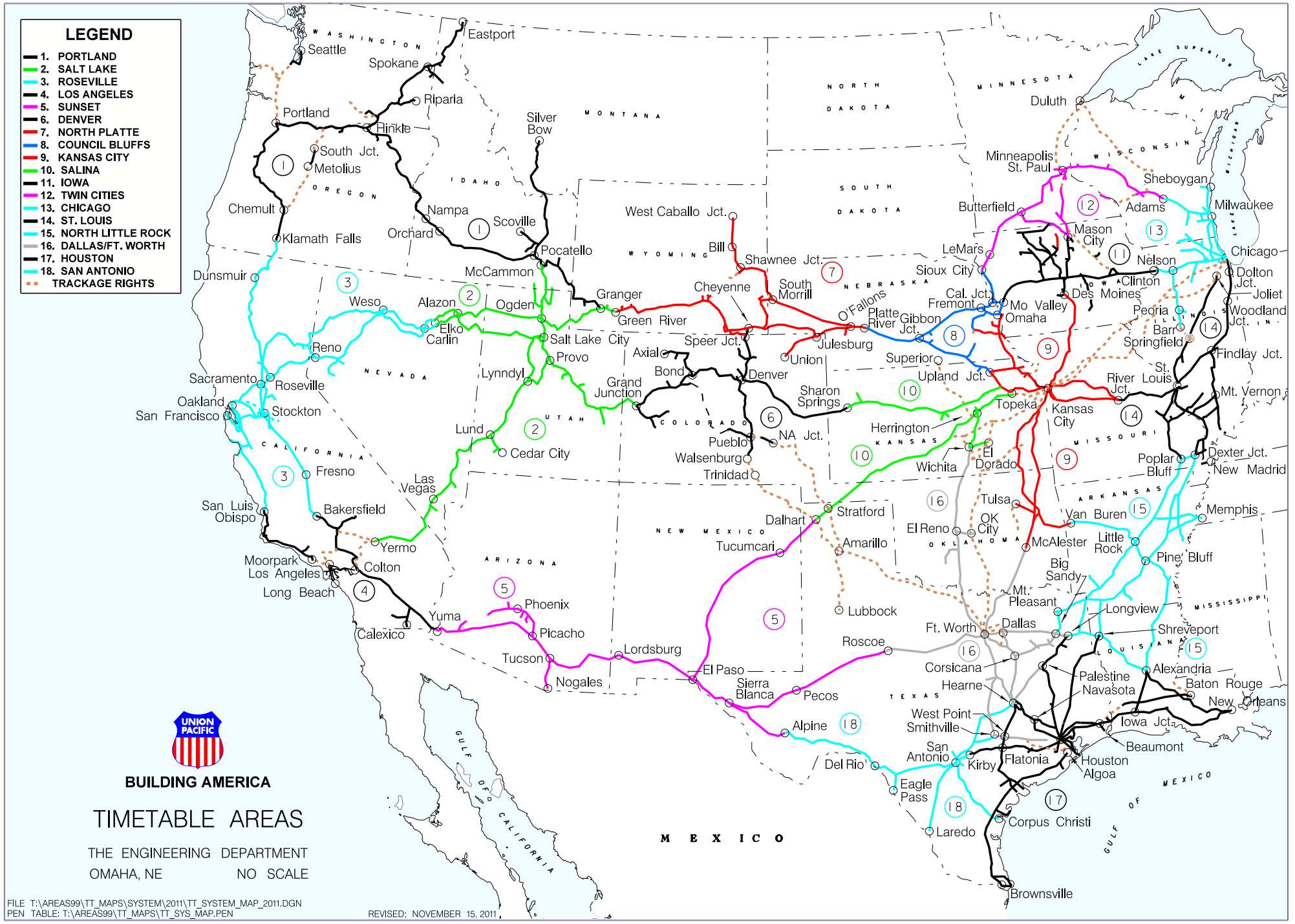
LEGEND
1. PORTLAND
2. SALT LAKE
3. ROSEVILLE
4. LOS ANGELES
5. SUNSET
6. DENVER
7. NORTH PLATTE
8. COUNCIL BLUFFS
9. KANSAS CITY
10. SALINA
11. IOWA
12. TWIN CITIES
13. CHICAGO
14. ST. LOUIS
15. NORTH LITTLE ROCK
16. DALLAS/FT. WORTH
17. HOUSTON
18. SAN ANTONIO
TRACKAGE RIGHTS
BUILDING AMERICA
TIMETABLE AREAS
THE ENGINEERING DEPARTMENT
OMAHA, NE NO SCALE
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REVISED: NOVEMBER 15, 2011
WASHINGTON
OREGON
CALIFORNIA
IDAHO
NEVADA
MONTANA
WYOMING
UTAH
COLORADO
ARIZONA
NEW MEXICO
NORTH DAKOTA
SOUTH DAKOTA
NEBRASKA
KANSAS
OKLAHOMA
TEXAS
MINNESOTA
IOWA
MISSOURI
ARKANSAS
LOUISIANA
MISSISSIPPI
ILLINOIS
WISCONSIN
MICHIGAN
LAKE SUPERIOR
LAKE
MEXICO
GULF OF CALIFORNIA
GULF OF MEXICO
Eastport
Seattle
Spokane
Riparia
Portland
Hinkle
Silver Bow
South Jct.
Metolius
Chemult
Nampa
Orchard
Scoville
Klamath Falls
Pocatello
Dunsmuir
McCammon
Weso
Alazon
Ogden
Granger
Elko
Carlin
Salt Lake City
Reno
Provo
Lynndyl
Sacramento
Roseville
Oakland
San Francisco
Stockton
Lund
Cedar City
Fresno
Las Vegas
San Luis Obispo
Bakersfield
Yermo
Moorpark
Los Angeles
Colton
Long Beach
Yuma
Calexico
Phoenix
Picacho
Tucson
Nogales
Lordsburg
El Paso
Sierra Blanca
Alpine
Del Rio
Eagle Pass
Laredo
Brownsville
Corpus Christi
Kirby
San Antonio
Flatonia
Houston
Algoa
Beaumont
Iowa Jct.
West Caballo Jct.
Bill
Shawnee Jct.
Cheyenne
South Morrill
O'Fallons
Platte River
Gibbon Jct.
Julesburg
Speer Jct.
Axial
Bond
Denver
Union
Grand Junction
Sharon Springs
Pueblo
NA Jct.
Walsenburg
Trinidad
Dalhart
Stratford
Amarillo
Tucumcari
Lubbock
Roscoe
Pecos
Minneapolis
St. Paul
Duluth
Butterfield
LeMars
Sioux City
Cal. Jct.
Fremont
Mo Valley
Omaha
Mason City
Sheboygan
Adams
Milwaukee
Nelson
Clinton
Des Moines
Chicago
Dolton Jct.
Joliet
Woodland Jct.
Peoria
Barr
Springfield
Findlay Jct.
St. Louis
River Jct.
Mt. Vernon
Dexter Jct.
New Madrid
Poplar Bluff
Memphis
Van Buren
Little Rock
Pine Bluff
McAlester
Tulsa
OK City
El Reno
Wichita
El Dorado
Herrington
Upland Jct.
Superior
Topeka
Kansas City
Longview
Shreveport
Dallas
Ft. Worth
Mt. Pleasant
Big Sandy
Corsicana
Hearne
Palestine
Navasota
Alexandria
Baton Rouge
New Orleans
West Point
Smithville

Continental Time Conversion Chart

1:00 AM	0100	1:00 PM	1300	
1:30 AM	0130	1:30 PM	1330	
2:00 AM	0200	2:00 PM	1400	
3:00 AM	0300	3:00 PM	1500	
4:00 AM	0400	4:00 PM	1600	
5:00 AM	0500	5:00 PM	1700	
6:00 AM	0600	6:00 PM	1800	
7:00 AM	0700	7:00 PM	1900	
8:00 AM	0800	8:00 PM	2000	
9:00 AM	0900	9:00 PM	2100	
10:00 AM	1000	10:00 PM	2200	
11:00 AM	1100	11:00 PM	2300	
11:59 AM	1159	11:59 PM	2359	
Noon	1200	Midnight	0000	(new date)
12:01 PM	1201	12:01 AM	0001	

TABLE OF TRAIN SPEEDS

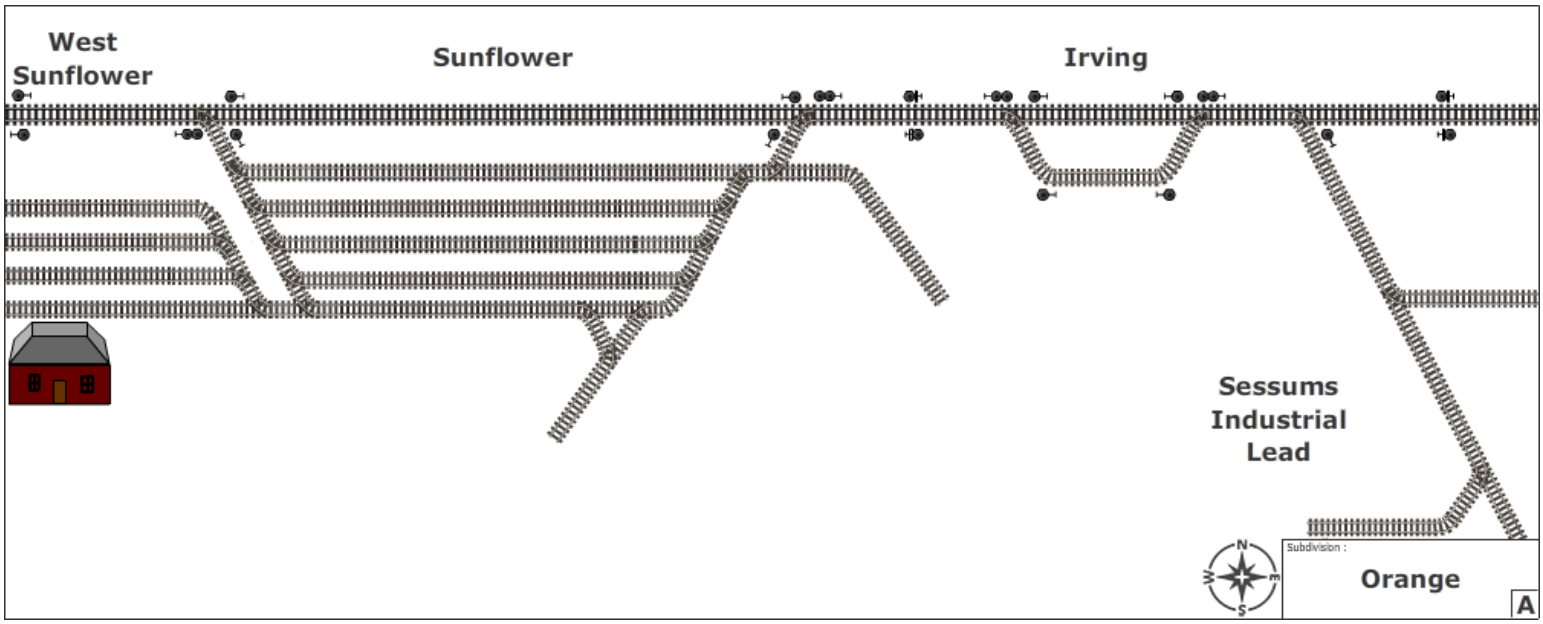
Min Per Mi.	Sec. Per Mi.	Miles Per Hour	Min. Per Mi.	Sec Per Mi.	Miles Per Hour	Min Per Mi.	Sec. Per Mi.	Miles Per Hour	Min. Per Mi.	Sec Per Mi.	Miles Per Hour
			1	6	54.5	1	21	44.4	1	35	37.9
0	45	80.0	1	7	53.7	1	22	43.9	1	40	36.0
0	48	75.0	1	8	52.9	1	23	43.4	1	45	34.3
0	50	72.0	1	10	51.4	1	24	42.9	1	50	32.7
0	52	69.2	1	11	50.7	1	25	42.4	1	55	31.3
0	54	66.6	1	12	50.0	1	26	41.9	2	0	30.0
0	56	64.2	1	13	49.3	1	27	41.4	2	5	28.8
0	58	62.0	1	14	48.6	1	28	40.9	2	10	27.7
1	0	60.0	1	15	48.0	1	29	40.4	2	15	26.7
1	1	59.0	1	16	47.4	1	30	40.0	2	20	25.7
1	2	58.0	1	17	46.7	1	31	39.6	2	25	24.8
1	3	57.1	1	18	46.1	1	32	39.1	3	0	20.0
1	4	56.2	1	19	45.6	1	33	38.7	4	0	15.0
1	5	55.3	1	20	45.0	1	34	38.2	6	0	10.0

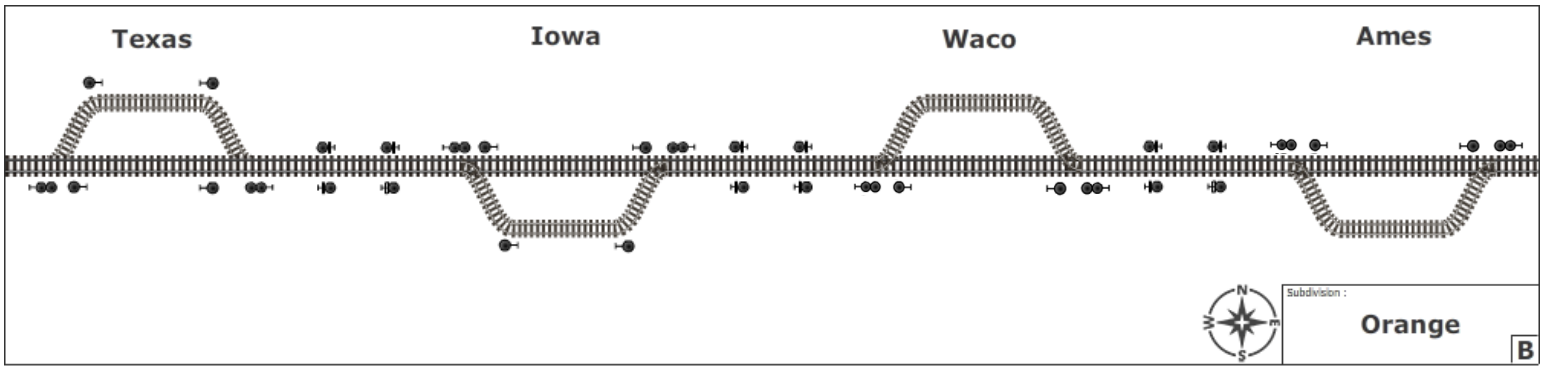
I have the courage to care. Worn with a lion's pride, it means those I work with will have my back, and I will have theirs. I pledge to shield myself and my team from harm. I will take action to keep them safe, by fixing an unsafe situation, addressing an unsafe behavior or stopping the line. In turn, I will have the courage to accept the same actions from my coworkers, who care enough to correct my path. We wear this badge out of respect for each other and those who have gone before us. On my watch, we will all go home safe to our families every day.

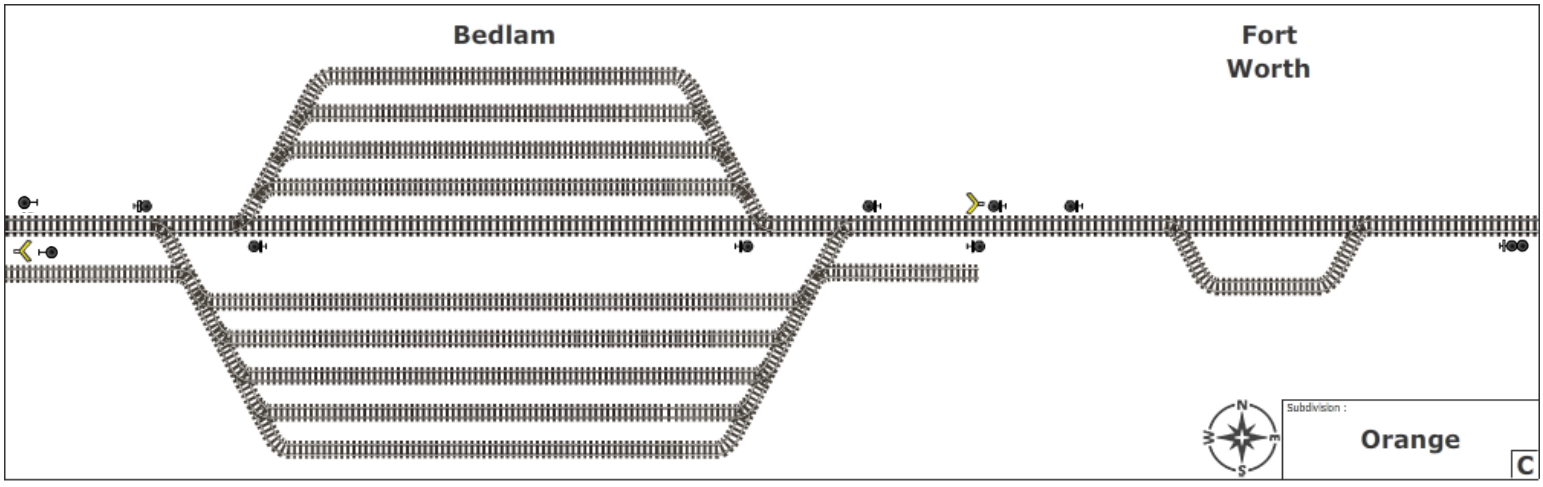
2022
TE&Y Training Maps

To be used with Training Area Timetable #6
Effective December 01, 2020

*Timetable area is west of North Platte, Denver and El Paso







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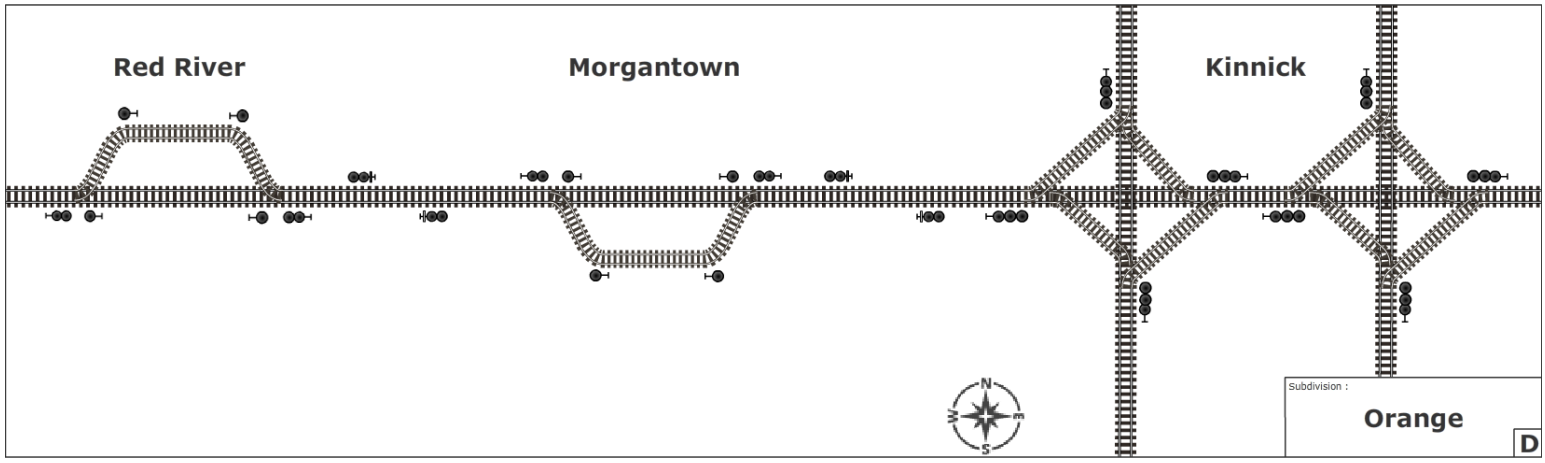
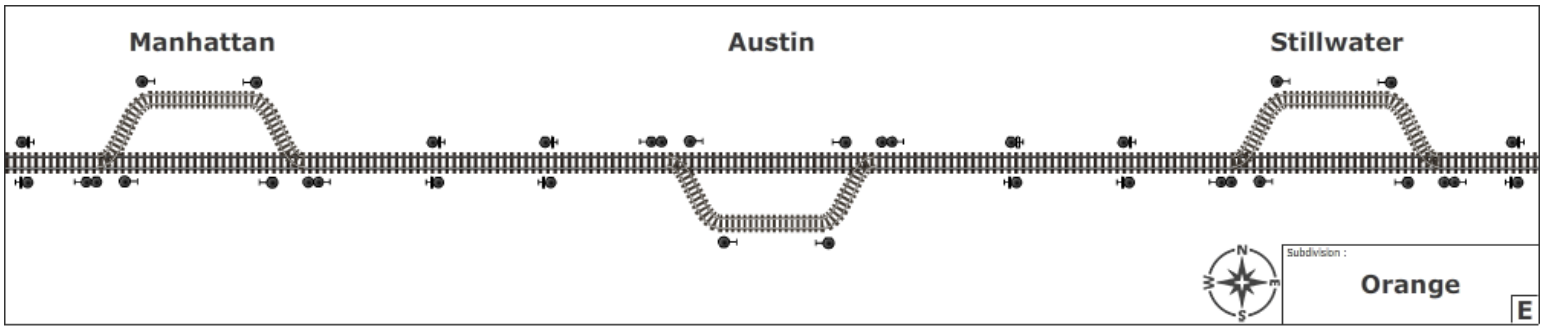
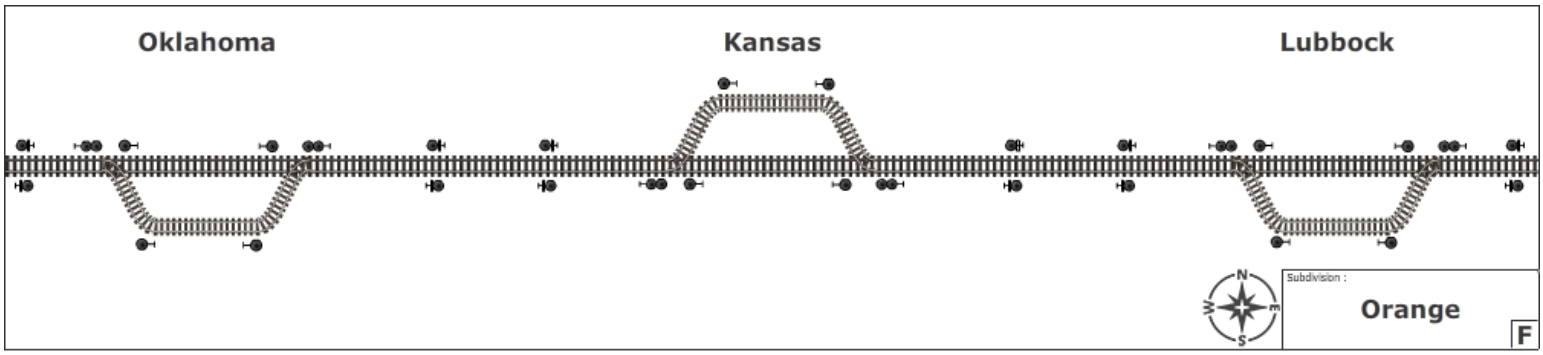
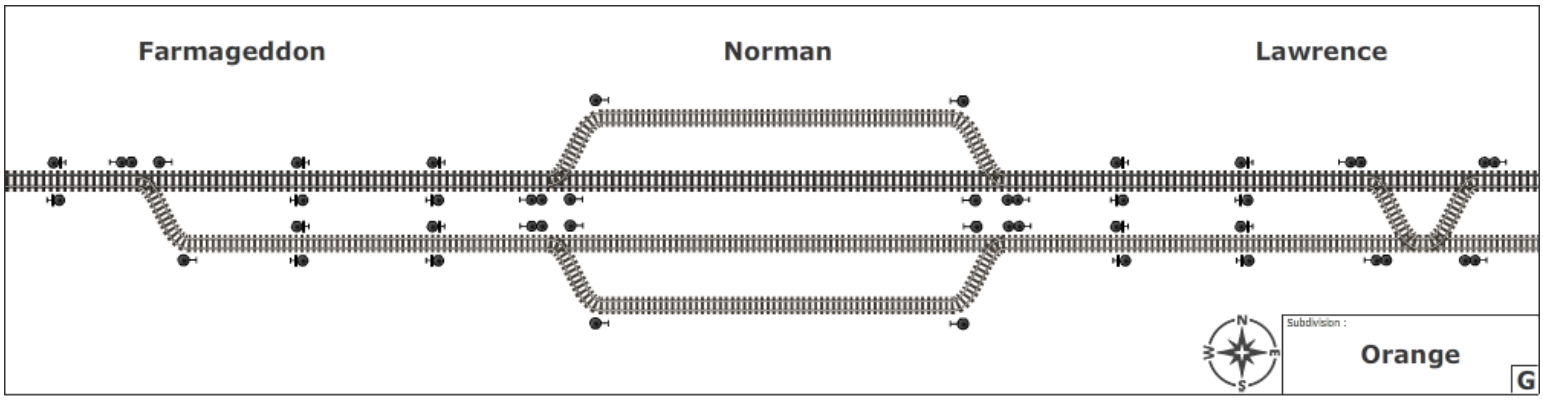
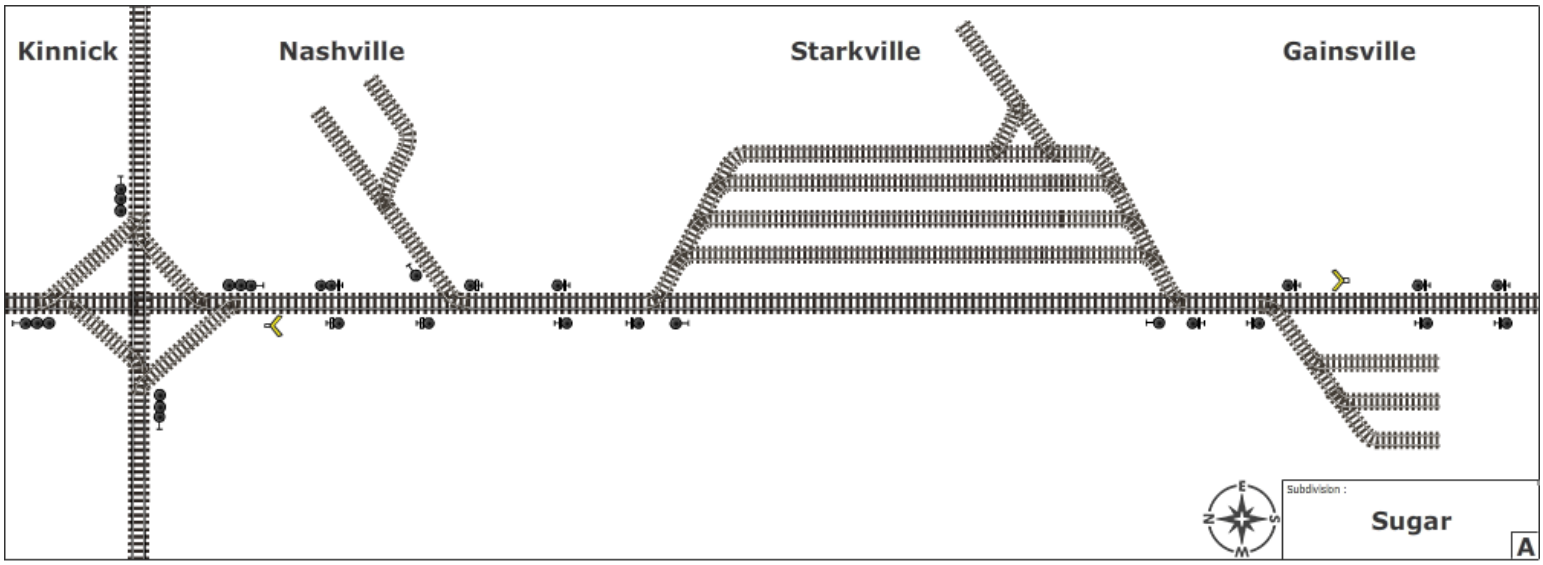

Red River
Morgantown
Kinnick
Subdivision :
Orange
D

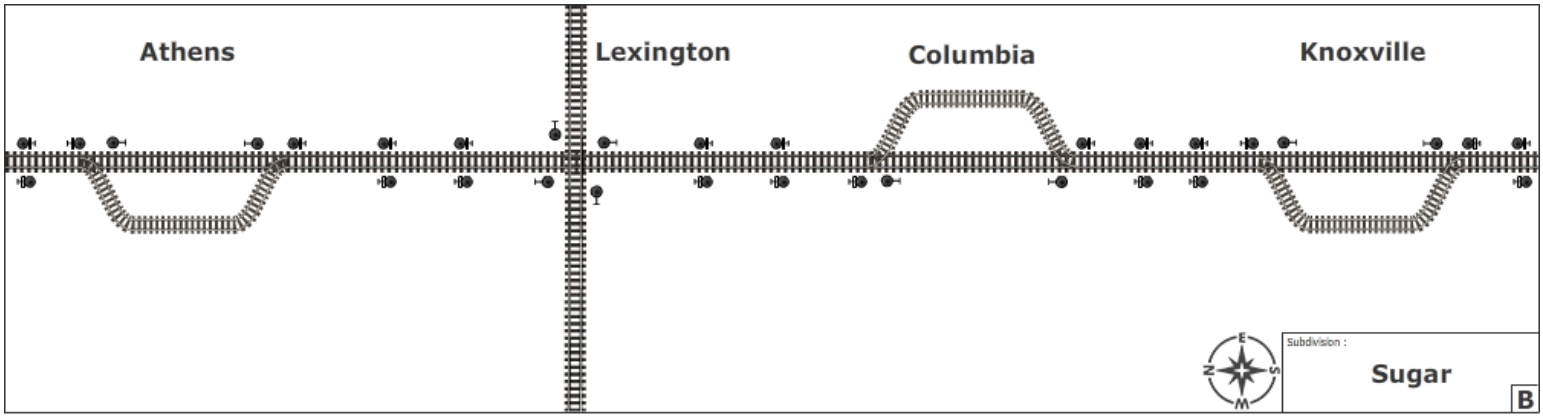

Manhattan
Austin
Stillwater
Subdivision :
Orange
E

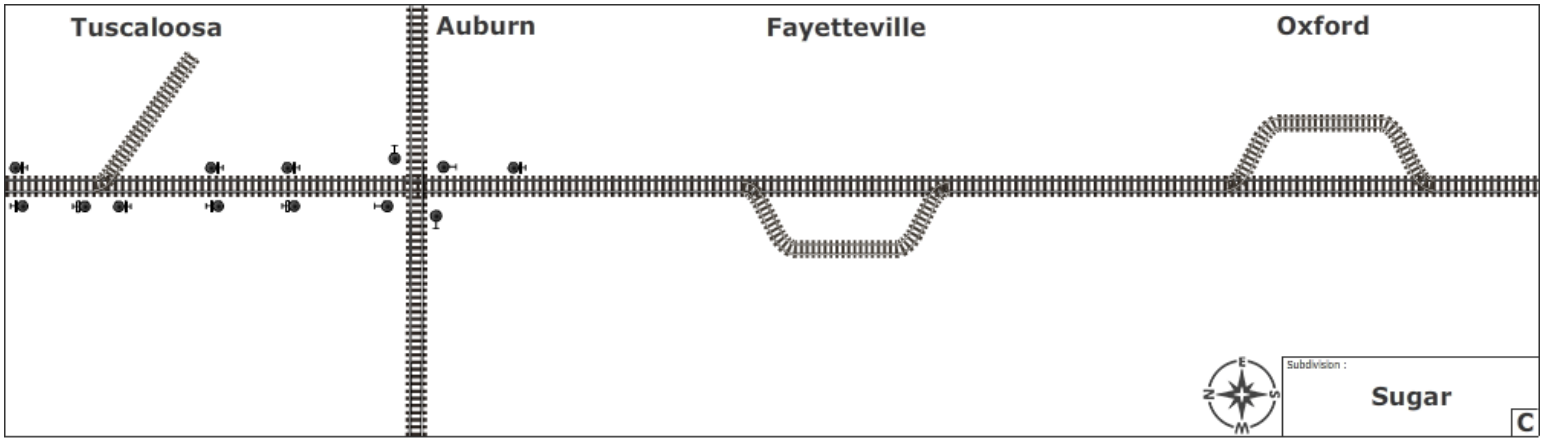

Oklahoma
Kansas
Lubbock
Subdivision :
Orange
F

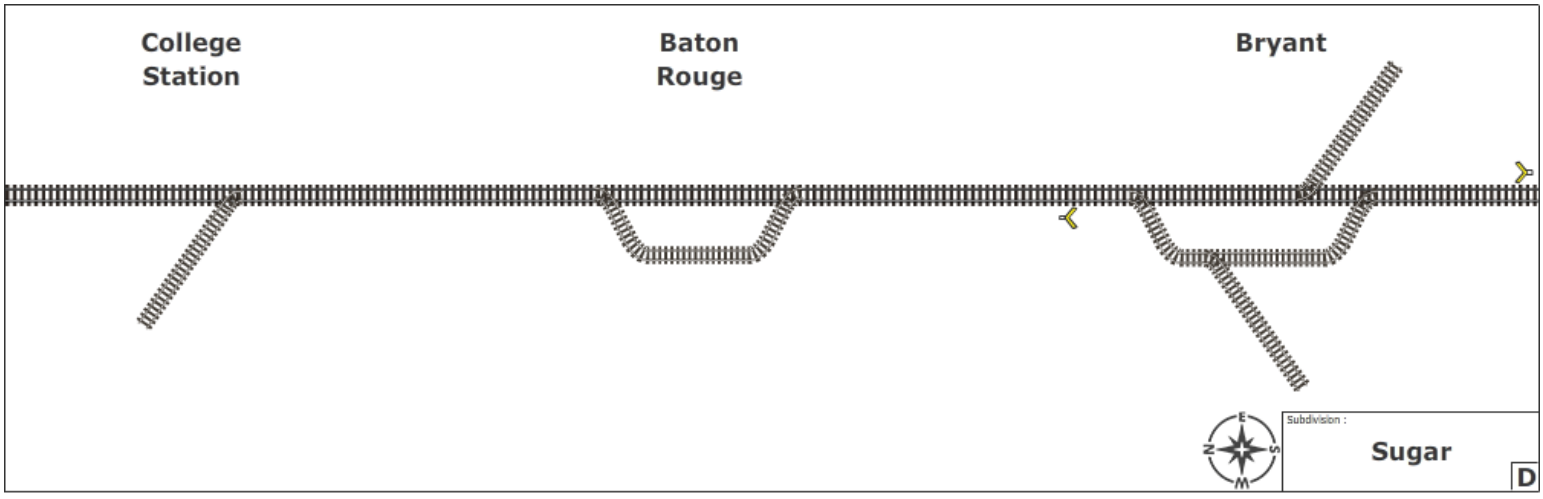

Farmageddon
Norman
Lawrence
Subdivision :
Orange
G

Sugar Subdivision

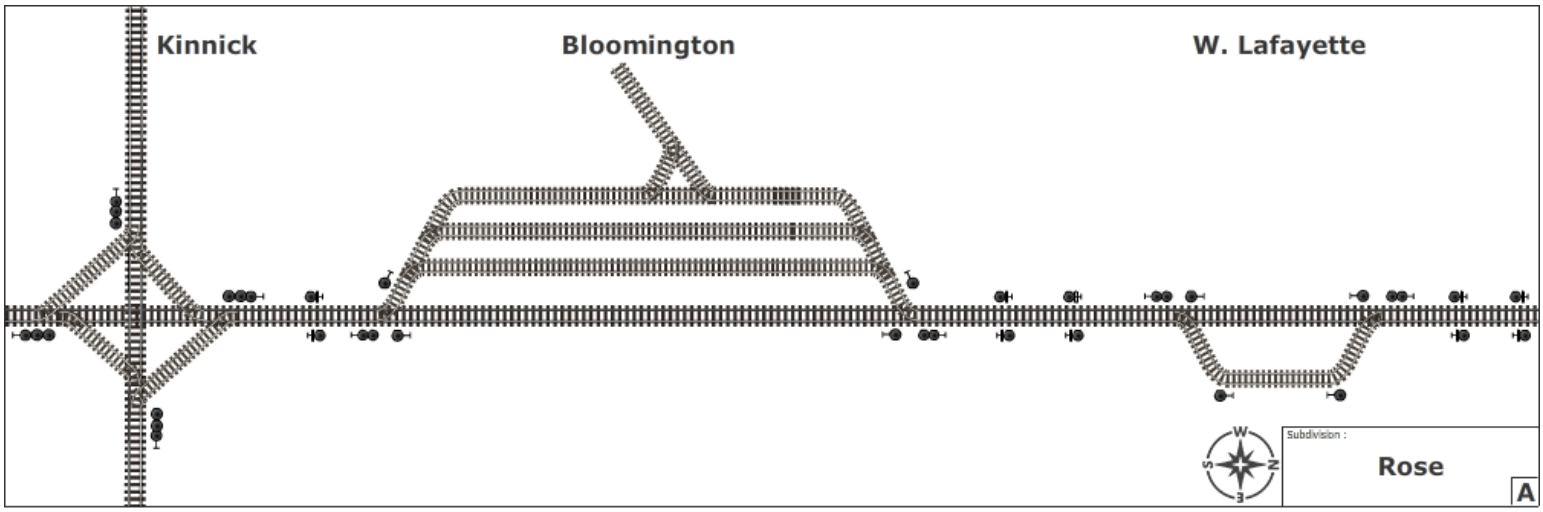


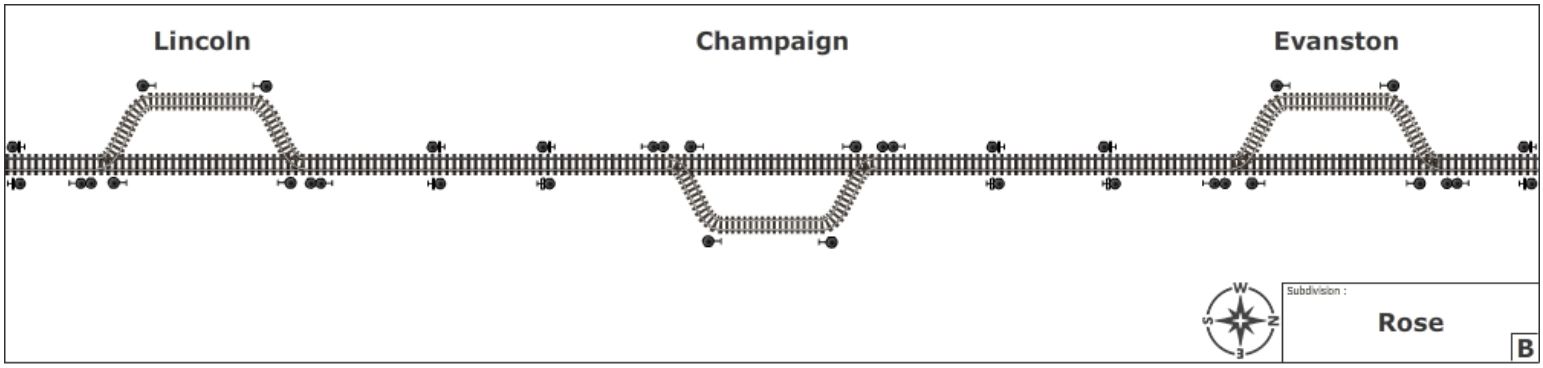


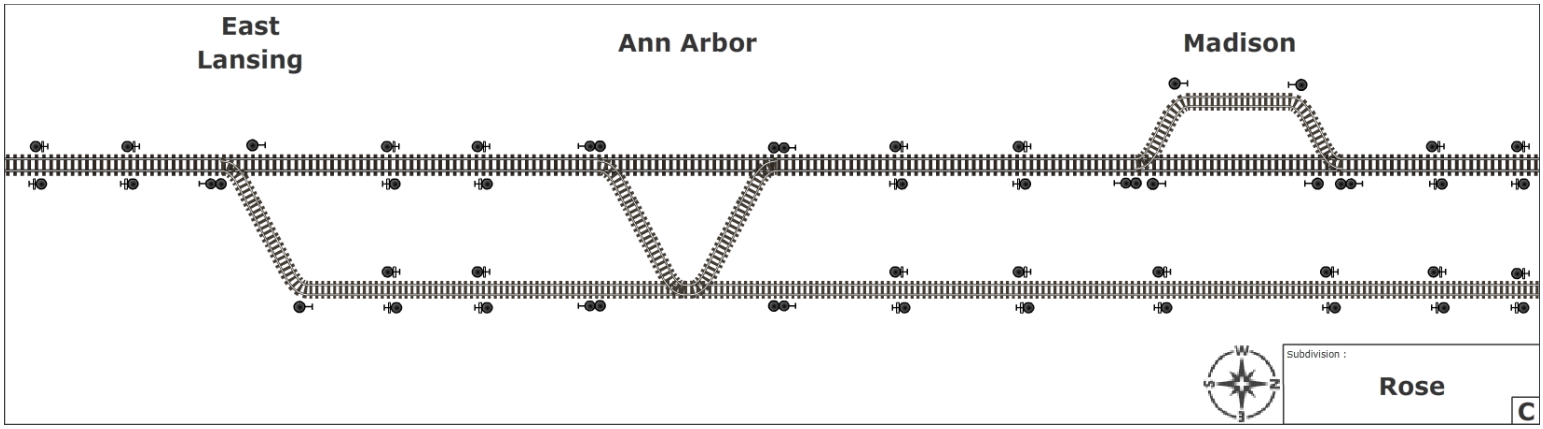


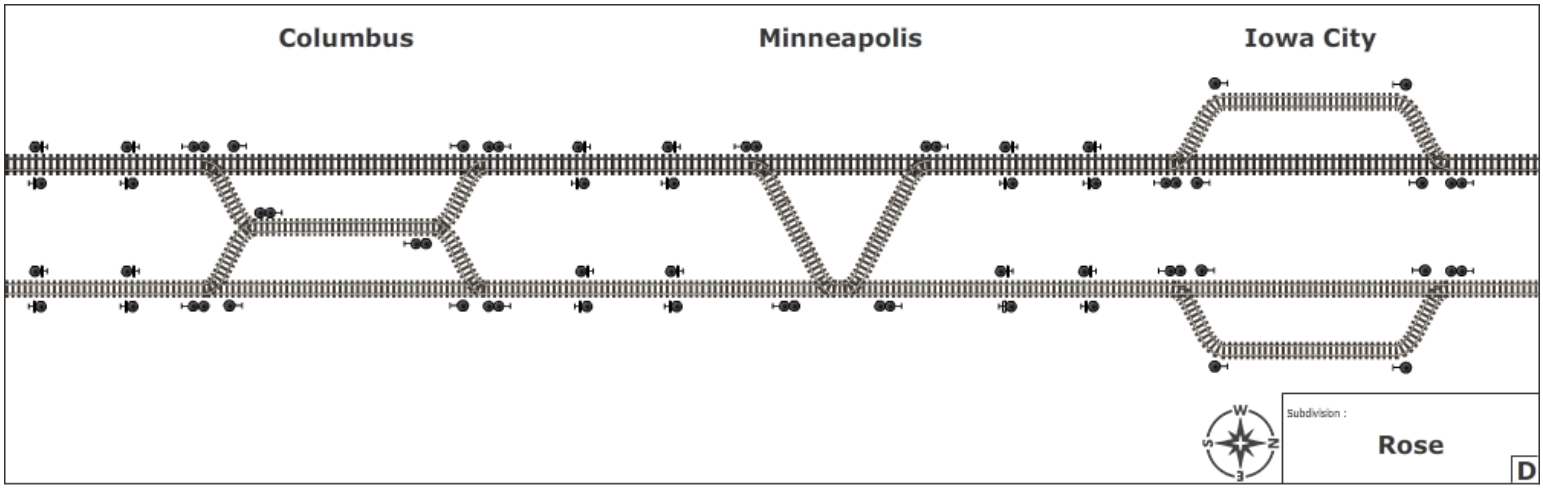


Rose Subdivision

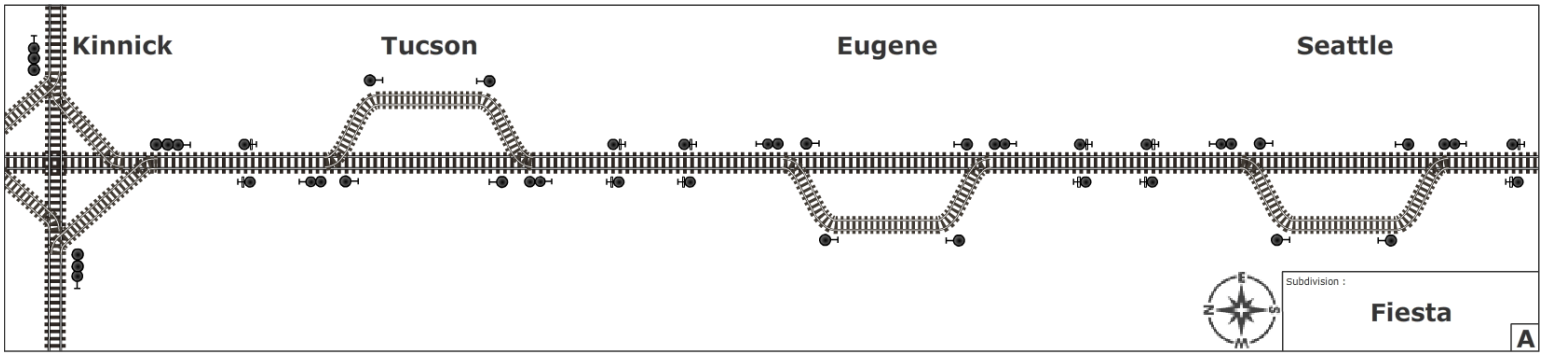


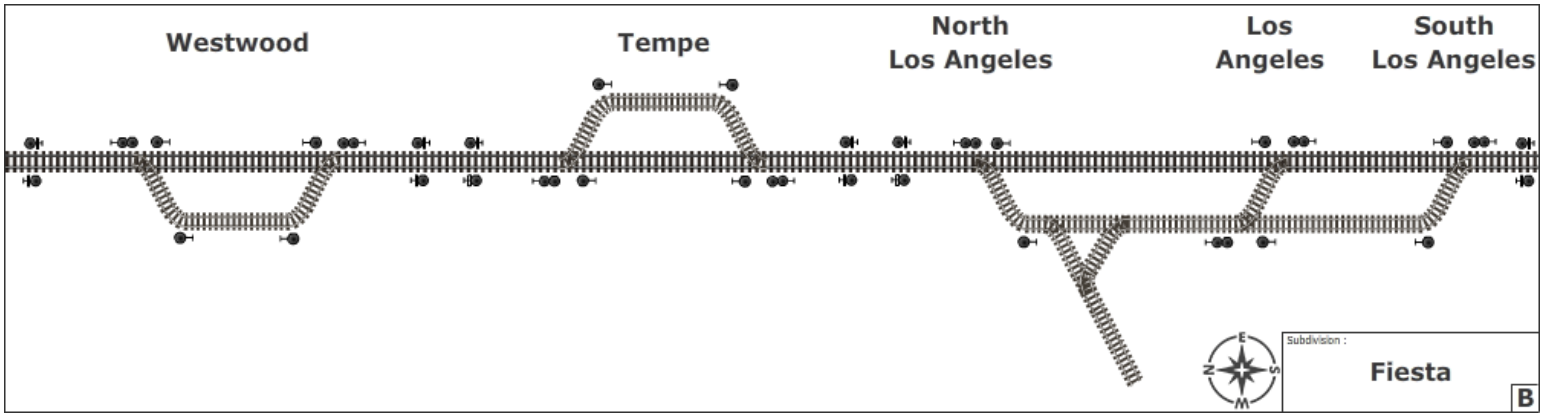


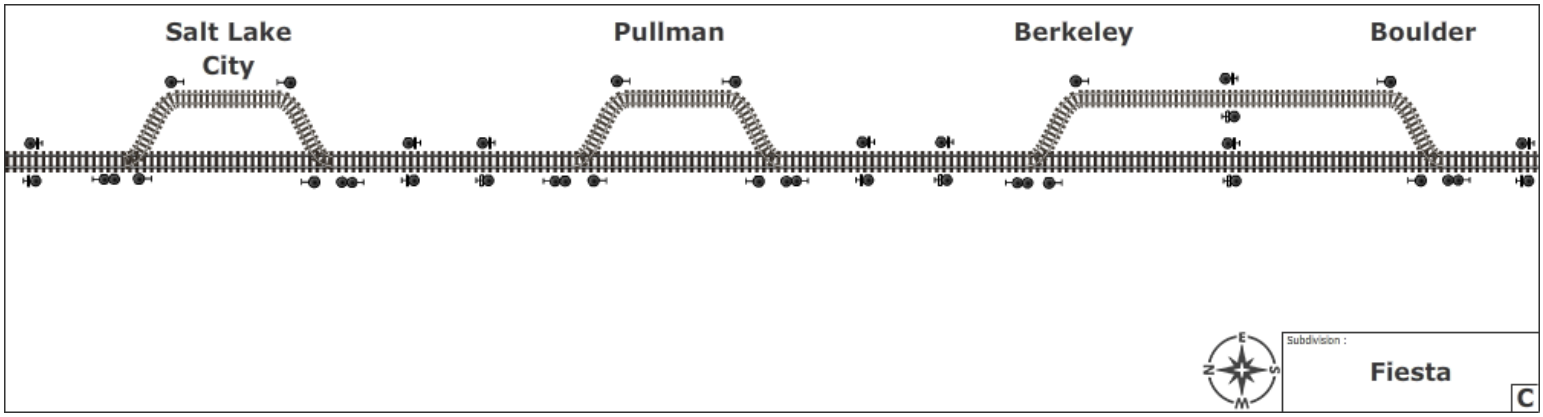


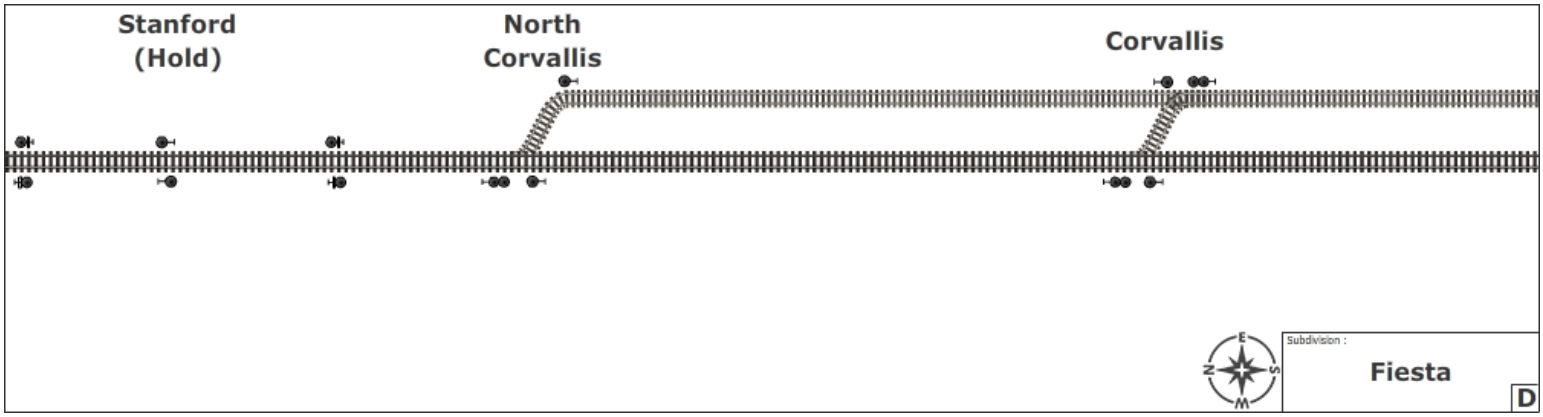


Fiesta Subdivision

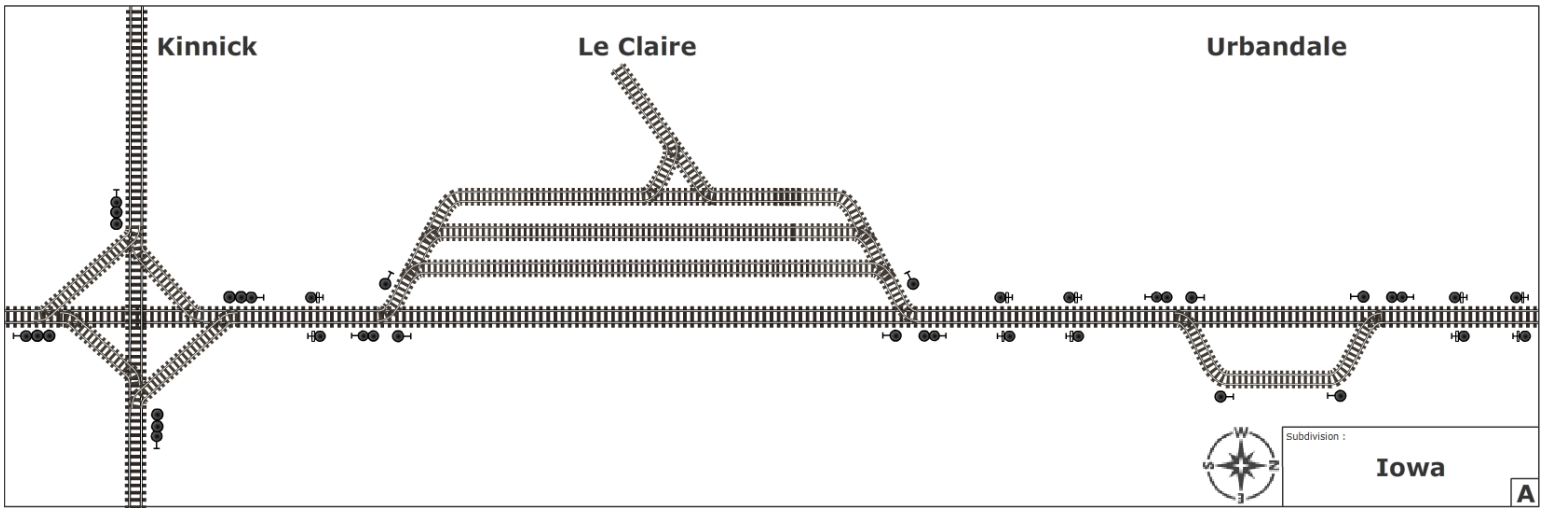


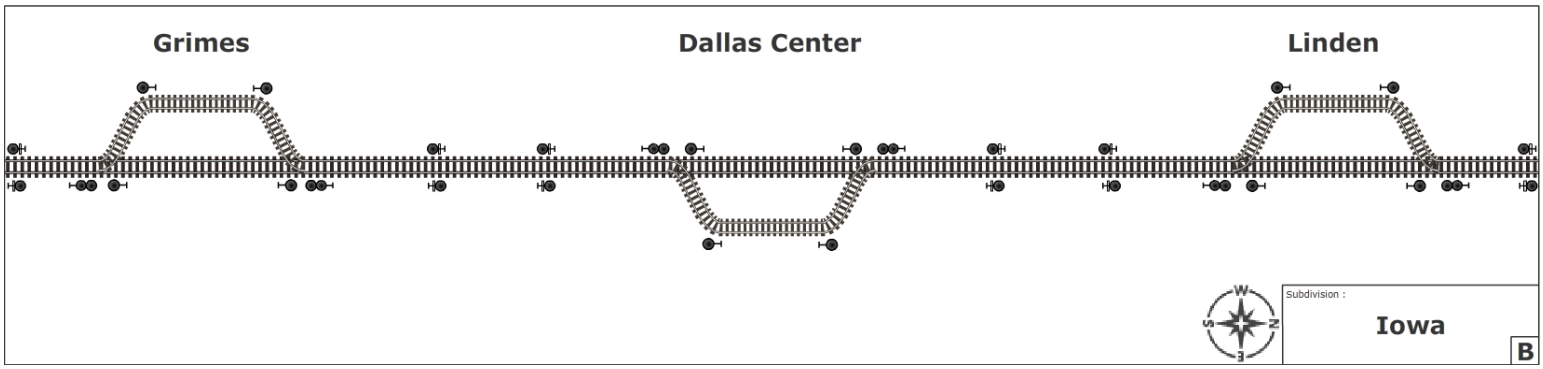


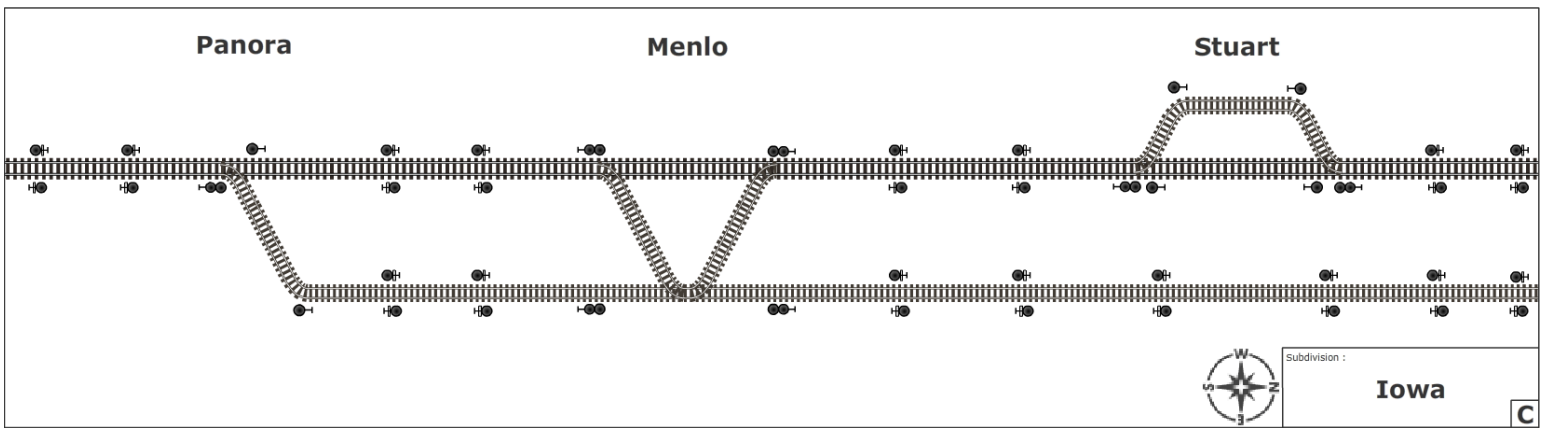


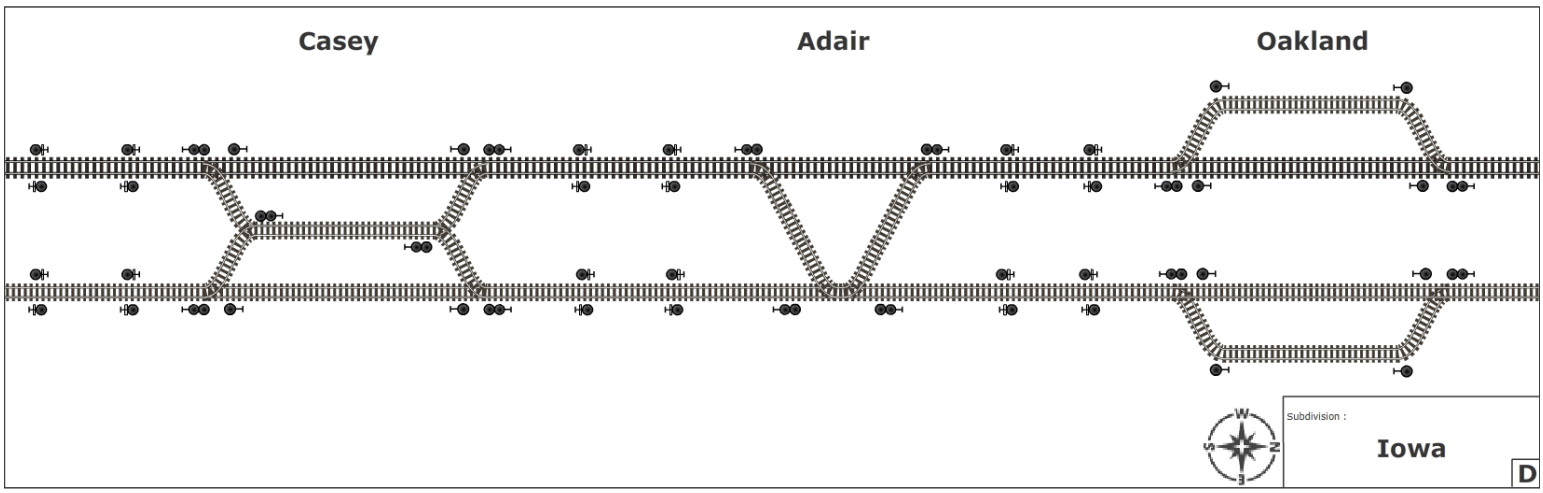


Iowa Subdivision









UNION PACIFIC RAILROAD

TE&Y Study Guide

2022

This study guide will help you prepare for your daily duties and the 2022 exam. When you come to your rules class, have with you the reference documents listed below, the completed study guide, and the supporting documents.

The simulated events occur on the Orange, Sugar, Rose, Fiesta and Iowa Subdivisions

*****This fictitious timetable area is located west of North Platte, Denver and El Paso*****

Scenario One: You will follow along with a Yard crew called to begin work on the Orange Subdivision at Bedlam Yard. Later, you will follow along with a Local crew as they move the train from Bedlam Yard to the Sugar subdivision, completing work events on an industrial lead.

Scenario Two: You will follow along with a through freight crew beginning work at Iowa City on the Rose subdivision. The crew will operate on the Rose subdivision, completing a work event at Evanston siding, then moving the train to the Fiesta subdivision where the crew will operate the train on grade territory until completing the trip at Corvallis.

As developments occur, you will be asked questions about how situations should be handled, including train movement, tonnage requirements, helper requirements and rule requirements.

As you work through the study guide, keep in mind the situation the crew is in and what is required to respond correctly to the situation.

REFERENCES YOU WILL NEED:

- Union Pacific System Special Instructions
- Union Pacific System General Orders
- Form 8620 Instructions for Handling Hazardous Materials
- Calculator

SCENARIO ONE

A crew is called on duty at 0600 for a Local (LOH99) at Bedlam yard. After building their train, the Local job will work eastward on the Orange sub, proceeding southward at Kinnick to the Sugar subdivision, where they will service customers on the Gainesville Industrial Lead and perform work at Starkville.

1. On the engineer's previous start, the total trip time was 13 hours and 20 minutes. How much rest was required prior to this start? **1.17**

11 HOURS and 20 MINUTES

2. Once the crew receives their paperwork, what documents must be reviewed as part of the job briefing? 70.3, **SSI Item 7-A**

SYSTEM, SUPERINTENDENT, SUBDIVISION GEN ORDERS, TRACK WARRANT FOR BULLETINS

The locomotive consist the crew will use is located inside the Locomotive Servicing Facility. After job briefing with the Roundhouse Supervisor, the crew boards the lead locomotive.

3. The 2 unit locomotive consist is shutdown and blue flagged. Can the crew start the locomotives while they are blue flagged? **5.13**

NO, UNLESS DIRECTED BY THE INDIVIDUAL WHO PLACED THE BLUE FLAG OR EIC

After the blue flags are removed and performing any required air brake tests and inspections, the crew is ready to depart.

4. The conductor is on the leading end of the rear locomotive and instructs the engineer to back up 10 cars to clear the spring switch on the roundhouse lead. Do they need to communicate with the Roundhouse Supervisor before moving the locomotives and departing the facility? **5.13**

YES, BLUE FLAG PROTECTION

The conductor instructs the engineer to stop the movement as they are trailing through the spring switch due to a conflicting movement on the roundhouse lead. The conductor then instructs the engineer to "take it ahead" so the conflicting movement can pass.

5. What is required before the engineer can change direction to clear the roundhouse lead? **8.9.2, 5.13**

   TALK TO ROUNDHOUSE SUPERVISOR & A crew member must line the switch by hand before the train or engine can change direction or take slack

6. Is any communication between the crew and the Bedlam Yardmaster required before they can occupy the east switching lead at Bedlam for their movement towards the bowl tracks? **6.7, Timetable**

   YES, must determine whether the zone is activated. Employees may receive this information from the remote control operator, other authorized employee, or special instructions.

7. After departing the roundhouse, the crew heads east. After stopping, the conductor will be using hand signals while protecting the shoving movement (light power) westward towards the bowl lead. Is a radio job briefing required prior to initiating the movement? **6.5**

   NO, AFTER CLEAR UNDERSTANDING THAT HAND SIGNALS WILL BE USED,NO ADDITIONAL BRIEFING IS NECESSARY

8. The Local crew will need to switch out their cars from bowl track 4. Is any protection required before fouling bowl track 4 during humping operations? **7.13**

   PROTECTION MUST BE PROVIDED AGAINST CARS RELEASED FROM THE HUMP INTO THE BOWL TRACK THAT WILL BE FOULED

9. The crew stops the movement on the switching lead to line the switch to bowl track 4. What is required before operating the switch? **8.2, 82.3**

   MAKE SURE IT IS NOT TAGGED OR SPIKED

10. While coupling bowl track 4, the conductor discovers a misaligned drawbar. Will the conductor need to establish “Red Zone Protection” to adjust the drawbar? **81.5.4**

    YES

11. What other requirements, if any, need to be met before making the coupler adjustment to the car? **81.2.1, 81.13.1**

    100 FEET SEPARATION, HANDBRAKES(MINIMUM OF 2) OR SOMEONE TO LOOKOUT

12. After switching their cars, the crew pulls down for an air test. What air tests and inspections, if any, will be required before departing Bedlam and proceeding to Starkville and the Industrial Lead to complete their work? **30.3.1, 1.33**

CLASS 1 AIR TEST, SAFETY INSPECTION

The crew discovers a defective car located 3 from the head end during the air test. The Yardmaster instructs the crew to set the car to the lead pocket where a yard job will pick it up after they depart.

13. After completing a job briefing regarding the switching moves to be made, the conductor requests "Red Zone Protection" through a face-to-face job briefing with the engineer. What action is required by the engineer before the conductor can foul the track? **81.5.4**

FULLY APPLY ENGINE BRAKES & TRAIN AIR BRAKES(AS NEEDED)
CENTER REVERSER
CONFIRM OVER THE RADIO

14. The conductor heads back to make the cut on the train. Before cutting away from the rear portion, what securement procedure should the crew use in the departure yard? **32.1.1, 32.1.3**

3 BRAKES & RELEASE

15. The defective car that the crew will be setting out is a loaded centerbeam flat car that is not equipped with horizontal handholds or two vertical handholds spaced shoulder width apart. After clearing "Red Zone Protection" and cutting away, can the conductor ride the rear platform of the centerbeam flat car while pulling out of the track? **81.7**

YES

16. The conductor stops the pulling movement after clearing the switch for the lead pocket. Can the conductor ride the side of the loaded centerbeam flat while protecting the shoving movement into the lead pocket track? **81.7**

NO, LOADED CAR

The conductor stops the shoving movement short of a red flag protecting MOW equipment in the lead pocket track. The conductor notices that the east end of the car they will set out will be between the clearance mark and the fouling point of the switch for the track and calls the Yardmaster for instructions.

17. The Yardmaster tells the conductor to leave the car where it is located, as long as it physically clears the lead, because there is a yard job that will pick up the car once the Local departs. How should the conductor respond? **1.4.1, 7.1, 81.8.1**

GOOD FAITH CHALLENGE

18. What rules are covered by Good Faith Challenge? **1.4.1**

SHOVING MOVEMENTS
LEAVING EQUIPMENT OUT TO FOUL OF ADJACENT TRACK
HANDLING OF HAND OPERATED SWITCHES OR FIXED DERAILS

19. The The Yardmaster instructs the crew to place the centerbeam flat car in track 3, but not to couple to the cut of cars in the track as they will be pulled from the west end later. What securement procedure should the crew use when leaving the single car in track 3?? **32.1.4, 32.1.1**

APPLY HANDBRAKE, MOVE CAR SUFFICIENT DISTANCE TO ENSURE BRAKES WORK, SLOWLY BUNCH OR STRETCH, OBSERVE & VERIFY FOR 1 MIN THAT CAR DOESN'T MOVE. IF BRAKE SYSTEM IS CHARGED, SET 20PSI REDUCTION, CUT AWAY, RETIGHTEN BRAKE

20. After setting out the defective car and recoupling the train, what air tests, if any, will be required? **30.7.1**

CLASS 3

21. The crew notifies the Yardmaster that they are ready to depart. What authority will they need to occupy the main track at the east end of Bedlam Yard and proceed eastward? **6.13, 6.2**

YARD LIMITS

The conductor lines the hand throw switch at MP 176.8 for movement to the main track, waits 5 minutes as required by Rule 9.17 and then instructs the engineer to pull eastward. After the movement clears the switch, the conductor stops the movement and restores the main track switch. (There is no leaving signal governing movement to the main track)

22. The conductor asks the engineer if they can make a back up movement under Rule 6.6, instead of walking up to the head end. How should the engineer respond? **6.6**

NO, WITHIN YARD LIMITS

23. What entries, if any, are required on the Conductor Report Form regarding use of the main track switch? **SSI Item 10K**

NONE, THE SWITCH IS WITHIN YARD LIMITS

24. Once the conductor is back on the head end, the Local departs eastward. At what speed must the train operate to the signal at MP 176.0? **6.27, 9.10**

RESTRICTED SPEED

25. The crew observes the signal at MP 176.0 displaying a green aspect and the track to the signal is clear. At what speed may the crew operate to the signal? **6.27, 9.10**

RESTRICTED SPEED UNTIL LEADING WHEELS PASS SIGNAL

26. Using Track Warrant #51-50, how far may the Local proceed? **14.2, 14.3**

EAST SIDING SWITCH AT RED RIVER

27. The crew departs Yard Limits and enters the limits of Track Warrant #51-50. What entry must be made in the Conductor Report Form at or about MP 170.0? **1.47**

EVERY 5 MILE MUST REPORT; THE MILEPOST, TIME, SPEED OF TRAIN, AN "X" TO INDICATE CREW COMMUNICATION

28. As the Local passes the detector at MP 167.7, the dispatcher notifies the crew that a hot wheel has been identified and provides the car number and axle count. What action, if any, is required? **SSI Item 13, 13.1, part K**

IMMEDIATELY BEGIN TO REDUCE TO 30 MPH USING GOOD TRAIN HANDLING TECHNIQUES TO MINIMIZE IN TRAIN FORCES, STOP TRAIN ONCE CLEARED DETCTOR, CONDUCTOR GOES TO INSPECT

29. In regards to the previous question, what is required before the Local continues movement eastward and operates over the bridge at MP 164.2? **SSI Item 13, 13.1, 13.8.2**

MUST NOT MOVE CAR OVER IT UNTIL CARS ARE INSPECTED (TRUSS BRIDGE)

30. The engineer stops the train prior to reaching the bridge at MP 164.2. The conductor detrains on the south side and asks the engineer to pull the train up to the car indicated by the detector defect message. Is this allowed or must the train remain stopped until inspection is complete? **SSI Item 13, 13.1**

YES, SPEED NOT TO EXCEED 10 MPH

31. While inspecting the south side of the train, the conductor finds an applied hand brake on the car indicated by axle count from the detector and releases it. What action is required after releasing the hand brake? **SSI Item 13, 13.1**

INSPECT THE HOT JOURNAL, MOVE THE CAR ONE CAR LENGTH & VERIFY THE WHEEL MOVES FREELY

32. The conductor wants to shove the train back instead of walking back to the head end. Is this move permissible, and if so, how could it be performed? **6.6**

GET PERMISSION FROM DISPATCHER; AS LONG AS TRAIN DOESN'T LEAVE THE AUTHORITY, DOESN'T EXCEED TRAIN LENGTH, DOESN'T FOUL PRIVATE/PUBLIC CROSSINGS OR GET INTO A FORM B

33. Once the conductor is back on the head end, the Local departs eastward. How should the crew proceed? **Timetable**

MAXIMUM AUTHORIZED

34. Approaching Red River, what action is required after the Local passes the "Switch Control" sign in advance of the west end of Red River siding? **8.19.1**

DIAL 1307477 ON CHANNEL 027-027

35. After complying with any required action, the crew does not receive radio confirmation of proper switch alignment. What action is required? **8.19.1, 9.13.1**

STOP PRIOR TO ENTERING THE OS, OPERATE BOX USING PUSH BUTTON; IF AFTER BUTTON, THE SWITCH POINT INDICATOR CONTINUES TO DISPLAY STOP&INSPECT SWITCH, EMPLOYEE MUST LINE THE SWITCH

36. The crew observes the switch point indicator for the siding switch and it indicates the switch is lined for reverse position. Is the Local required to stop before entering the siding track? **8.19.1**

NO, MOVEMENT MAY PROCEED WITHOUT STOPPING; NOTIFY DISPATCHER OF MALFUNCTION

37. Where should the engineer stop the train in the siding at Red River? **6.8**

400 FEET SHORT OR CLEARANCE MARKER OF THE ESS AT RED RIVER

38. After stopping, is an entry in the Conductor Report Form required after the crew verifies that the main track switch at the west end of Red River siding is restored to normal position? **SSI Item 10K**

NO, IT IS A RADIO CONTROLLED SWITCH

39. The crew job briefs and the conductor releases Track Warrant #51-50. The dispatcher then issues Track Warrant #63-28. How must the crew determine the UP 8675 has passed their location? **6.2.1**

DIRECT CONTACT WITH A CREW MEMBER OF THE UP8675 OR DISPATCHER GIVES YOU INFORMATION ON THE TRAIN

40. The crew sees a westward train approaching Red River. Which side of the train is the conductor required to detrain and from which side of the train should the inspection be made? **6.29.1, 81.4.1**

DETRAIN FROM FIELD SIDE WHEN POSSIBLE, CROSS TO OPPOSITE SIDE OF THE TRACKS AS STOPPED TRAIN

41. After the UP 8675 passes the east end of Red River siding, the crew verifies that the east switch is lined for the intended route and departs eastward. What information was the conductor required to enter in the Conductor Report Form prior to the Local acting on Track Warrant #63-28? **1.47**

LOCATION, TIME, AND UNIT NUMBER THE TRAIN MET

42. Operating eastward, the Local passes a Distant Signal Approach in advance of the Interlocking at Kinnick. The next signal, CP W143, is red. What action is required? **9.5, 9.12.2**

STOP PRIOR TO PASSING THE CONTROL POINT, NOTIFY THE CONTROL OPERATOR

Seeing no conflicting movement, the conductor calls the Control Operator regarding the Stop indication at CP W143. The Control Operator reports waiting for a Track and Time release from the signal maintainer and that the crew should be getting a light soon.

43. The signal aspect at CP W143 changes to red over red over green. What is the train's maximum speed through the interlocking? **Timetable**

20 MPH

44. What type of main track authority is in effect on the Sugar subdivision between Kinnick and MP 340.2, and what action is required by the crew before passing MP 344.9? **6.13, SSI Item 12**

YARD LIMITS, EMPLOYEE INITIATED TRACK BREACH PROTECTION

45. How must the crew proceed in regard to signal indications between MP 348.2 and MP 340.2? **6.13**

RESTRICTED SPEED UNLESS SIGNAL IS MORE FAVORABLE THAN AN APPROACH THEN SIGNAL INDICATION

46. Are there any speed restrictions for Key Train – Crude Oil / High Hazard Flammable trains on the Sugar subdivision? If yes, where? **Timetable**

YES, MILE POST 310.1 AND MILE POST 274.6 40 MPH

47. The Local arrives at the main track switch for the Gainesville Industrial Lead. After lining the main track switch for movement to the lead, and placing the derail in the non-derailing position, can the crew leave the main track switch open to maintain their main track authority while they are servicing customers on the industrial lead? **8.3**

NO, THEY WOULD HAVE TO LEAVE A CREW MEMBER AT THE SWITCH IN ORDER TO LEAVE THE SWITCH OPEN WHILE THEY COMPLETE THE WORK

48. Could the crew leave the derail on the industrial lead in the non-derailing position while they perform work at the industry tracks? (They will not be switching over the derail) **8.20**

NO, MUST BE IN DERAILING POSITION UNLESS IN SIDING WITHOUT CARS

The Local crew will set out the head 5 tank cars at the Conway Industry track, and the remaining 10 cars at Chanticleer Industry. There are 10 empty cars and one locomotive at Chanticleer Industry that the crew will need to pick up and take back to Starkville Yard.

49. Arriving at the Conway Industry track, the crew job briefs before cutting away with the head 5 cars and decide the brakeman will remain with, and attend, the detached portion while the conductor makes the set out. What securement method is required before cutting away with the head 5 cars? **32.1, ABTH Glossary "Unattended"**

MINIMUM OF 2 HAND BRAKES REQUIRED

50. The conductor lines the switch for the industry track. Is the conductor required to place the lock in the hasp of the switch after lining it for the intended route? **8.8**

HASP OR LOCK MUST BE SECURED IF THEY ARE AVAILABLE

51. Conway Industry track is protected by a gate. What is required before operating through the gate opening? **7.10**

MAKE SURE GATE IS COMPLETELY OPEN, DO NOT RIDE THE CAR THROUGH THE GATE

52. Can the conductor ride the leading end of the movement through the gate opening? (The conductor will be riding on a tank car equipped with one vertical handhold) **81.8.3**

YES, THE CONDUCTOR WILL NOT BE RIDING THE SIDE OF EQUIPMENT

53. Conway Industry track is a spur track. What are the requirements when shoving into Conway Industry? **7.12**

STOP 150 FEET AWAY FROM END OF THE TRACK, APPLY HANDBRAKES TO CONTROL SLACK, CREW MEMBER MOVE IN ADVANCE OF MOVEMENT, STOP MOVEMENT SHORT OF END OF TRACK, BUMBER, CHOCK, ETC.

54. After visually determining that all switches and derails are lined for the intended movement, the conductor will use the radio while controlling the shoving movement. Describe a proper job briefing between the conductor and engineer before initiating the movement. **6.5**

WHO IS PROTECTING, HOW PROTECTION IS MADE, DISTANCE & DIRECTION OF TRAVEL

After properly securing the cars at Conway Industry, the conductor and engineer return with the power to the lead. After the conductor lines the industry switch, the brakeman tells the engineer that hand signs will be used to control the movement back to a coupling.

55. Can the brakeman protect the shoving movement while attending the cut of cars on the lead? **6.5**

YES, THE CUT OF CARS THE BRAKEMAN IS ATTENDING ARE DIRECTLY RELATED TO THE MOVEMENT

56. After coupling the train together, what air tests, if any, will be required before departing Conway Industry and traveling to Chanticleer Industry? **30.7.1**

CLASS 3

Arriving at Chanticleer Industries, the Local crew sets out and properly secures the remaining 10 cars. The crew will then couple their locomotives to the locomotive and cars in the runaround track that are to be taken to Starkville.

57. After lining the switch for the runaround track at Chanticleer Industries, the brakeman climbs on the point of the locomotive consist and instructs the engineer to take it ahead 4 cars to a coupling. Can the brakeman ride the light power directly to a coupling on the locomotive in the track? **81.13**

YES, CAN NOT RIDE CARS INTO COUPLING

58. After making and stretching the coupling, how must the brakeman dismount the locomotive? **81.4.1**

FACE THE EQUIPMENT, STOP AT BOTTOM MAINTAINING 4 POINT CONTACT, PERFORM 180 DEGREE LOOK, RETAIN GRIP UNTIL BOTH FEET ARE FIRMLY ON GROUND, WHEN PRACTICAL GET OFF ON SAME SIDE YOU GOT ON & AWAY FROM MAIN TRACKS OR CLOSE CLEARANCES

59. After MU'ing the power and changing ends, what locomotive air brake test(s) will be required? **31.3.1, 31.8.4, 31.8.4.3**

STANDING LOCOMOTIVE AIR BRAKE TEST AND ALERTER TEST

60. After completing the required locomotive air brake test, and establishing "Red Zone Protection", the brakeman releases the hand brakes on the cars. What air brake test(s), if any, are required before departing Chanticleer Industries and taking the cars to Starkville Yard? **1.33, 30.5.1**

TRANSFER TRAIN MOVEMENT AIR TEST, SAFETY INSPECTION

61. Is any action required after lining the main track switch, prior to initiating movement northward to Starkville Yard? **9.17, 6.13**

5 MINUTE WAIT

62. Where must the crew member operating the switch stand while the movement is traversing the switch? **8.4**

OPPOSITE SIDE OF THE SWITCH, IF NOT ABLE THEN MUST BE 20 FEET FROM THE SWITCH

Approaching Starkville Yard, the Yardmaster calls the Local crew and instructs them to set their cars out in track 3 and secure their power on the north end of track 4 before coming to the yard office for a job briefing.

63. What are the securement requirements for the cars the Local will set out in track 3? **32.1.1, Timetable**

3 HANDBRAKES AT THE SOUTH END OF THE YARD

64. What are the securement requirements for the locomotives the crew will leave in track 4? **32.2.1, 32.2.1.1**

MINIMUM OF 1 HANDBRAKE ON UNIT

65. As the Local pulls through track 3, the brakeman drops off at the south end of the track to be in position to tie the cars down once the movement stops. What precautions should the brakeman observe when getting off the moving equipment? **81.4.2**

SPEED MUST NOT EXCEED 4 MPH, DO NOT STEP BETWEEN RAILS, ON TIE ENDS, IMMEDIATELY BEFORE A SWITCH; TRAILING FOOT MUST STRIKE THE GROUND FIRST

66. After properly securing the equipment, the crew rides in a yard van to the office. The designated speed limit is 5 MPH. Are all occupants in the vehicle required to use seat belts? **74.5**

YES

The Yardmaster instructs the Local crew to take the yard van out to Athens siding, where they will couple two blocks of cars together using the locomotives at Athens and bring the train back to Starkville Yard. After obtaining any required paperwork for the train, the crew job briefs and departs. (The cars at Athens were set out two days ago.)

67. While reviewing the train consist and shipping papers, the brakeman asks the conductor if the train will be classified as a "Key Train – Crude Oil" train account the second block of 20 cars consists of petroleum crude oil cars with an Identification Number of UN1267. How should the conductor respond? **HMVII-3**

YES, IT IS A KEY TRAIN (CRUDE OIL)

68. What information was the previous crew required to provide to the dispatcher when securing the block of 20 petroleum crude oil cars on the siding track at Athens? **SSI Item 10L**

NUMBER OF HANDBRAKES APPLIED, TONNAGE, LENGTH, GRADE, CURVATURE OF TRACK, WEATHER CONDITIONS, TYPE OF SECUREMENT USED

69. Arriving at Athens, the crew observes the three locomotives at the north end of the siding coupled to the first block of 5 covered grain hoppers. All three locomotives are shut down. When can the engineer release the hand brakes on the locomotives? **31.1**

WHEN IT IS KNOWN THE AIR SYSTEM HAS FULLY CHARGED

After completing any required locomotive inspections and air tests, the crew is ready to begin coupling the train together. After establishing "Red Zone Protection", the brakeman cuts in the air, releases the hand brakes, and proceeds to the second cut of tank cars.

70. The two cuts of cars are separated by a road crossing at grade not equipped with automatic warning devices. Once "Red Zone Protection" is released, what action is required by the brakeman while shoving across the crossing and coupling the train together? **6.32.1**

MUST BE ON THE GROUND AT THE CROSSING TO WARN TRAFFIC UNTIL THE CROSSING IS OCCUPIED; ONLY IF TRAFFIC IS COMING OR STOPPED

71. After coupling the train at the crossing, what air test(s) and inspections, if any, are required to operate the train from Athens siding to Starkville Yard? **1.33, 30.5.1, HMIII-1**

KEY TRAIN INSPECTION, TRANSFER TRAIN AIR, SAFETY

72. While installing the EOT device at the rear of the train, the conductor notices that the glad hand on the EOT hose is damaged and they will not be able to cut in the air to the device. Can the train be operated from Athens to Starkville without an operable EOT? **32.9.1, HMVII-3**

YES, THE DISTANCE FROM ATHENS AND STARKVILLE IS LESS THAN 20 MILES

73. The conductor will use a hand held gauge to complete the required air brake test. Does the accuracy of the gauge need to be verified, and if so, how is this accomplished? **30.2.6.1**

EVERY 92 DAYS. USING LOCOMOTIVE BRAKE PIPE, CHARGE TO 90 PSI, ATTACH GUAGE, COMPARE HANDHELD GUAGE READINGS WITH LOCO BP GUAGE; IF HANDHELD GUAGE IS WITHIN 3PSI, IT MAY BE USED TO PERFORM TESTS

74. After completing any required air brake tests and inspections, the crew notifies the dispatcher they are ready to depart northward to Starkville. What main track authority is required to occupy the main track at Athens? **6.3, 14.1**

TRACK WARRANT

75. After receiving any needed main track authority, the leaving signal at the north end of Athens siding does not clear and continues to display a STOP indication. What is required before the train can initiate movement and pass this signal? **9.12.2**

AUTORITY MUST BE OBTAINED FROM THE CONTROL OPERATOR

76. The Local crew properly complies with the Stop indication at North Athens (CP W329) and is now proceeding northward at Restricted Speed. When can they resume maximum authorized speed? **9.11, 9.3, 6.31, Timetable**

LEADING WHEELS PASS THE NEXT SIGNAL DISPLAYING OTHER THAN STOP, RESTRICTED SPEED, ETC..

77. After passing a Clear signal, what is the maximum authorized speed the Local could operate, without an armed and operable EOT device, between Athens and Starkville? **6.31, HMVII-3, Timetable**

50

111

Arriving back at Starkville, the Yardmaster instructs the crew to secure the train in track 5. A van will transport the crew back to Bedlam where they will tie up for the day.

SCENARIO TWO

A crew is called for a through freight train, the ILXMD 15, on duty at 0600 at Iowa City on the Rose subdivision. The crew will operate the train southward on the Rose subdivision, stopping to double the train with a second train (IDITI 14) previously secured at Evanston, then continue onto the Fiesta subdivision southward to Corvallis. When the train arrives at Corvallis, the crew will complete a set-out.

78. The conductor obtains the paperwork for the train and is reviewing it when the engineer arrives in the crew room. They complete a job briefing and determine the maximum speed of the train and train totals are? **6.31, 30.9.1**

111 LOADS 0 EMPTIES 5474 TONS 6744 FEET

70 MPH

79. What are the current totals for Equivalent Powered Axles (EPA), Equivalent Dynamic Brake Axles (EDBA), and TPA of the train? **SSI Item 4, 31.8.7**

36.3 EPA

29.4 EDBA TOTAL TRAIN TONNAGE / TOTAL EPA = TPA

151 TPA (ROUNDUP TO NEAREST WHOLE NUMBER)

80. Does the train exceed the maximum TPA for the Rose subdivision? **Paperwork, 31.8.7**

NO

81. What is the minimum EPA necessary to operate the train on the Rose subdivision, and will the engineer need to isolate/shut down any locomotives prior to departing Iowa City? **31.8.7**

16.8 EPA (ROUND TO THE TENTH)

ISOLATE, SHUTDOWN ONE LOCOMOTIVE

82. After arriving at the train, the inbound and outbound crews conduct a job briefing. The inbound crew reports an enroute failure of the EOT device. At what speed was the inbound crew required to operate to the crew change location due to the loss of emergency application capability from the rear of the train? (The train was operating on other than mountain grade.) **6.31, 32.9.6**

30 MPH

83. Can the train depart the crew change location at Iowa City without an operable 2-way end-of-train telemetry device? **SSI Item 8**

NO

84. If the Head End Unit (HEU) or End of Train Device (EOT) are replaced, will the outbound crew be required to test the emergency capability from the rear of the train prior to departure from Iowa City? If so, is written notification of the test results required? **32.9.1, 32.9.4**

YES.

85. After installing a new EOT, if the crew is unable to establish communication between the HEU and EOT device, can the train be moved in an attempt to establish communication? **32.9.4**

YES

86. Is Positive Train Control (PTC) in effect on the Rose subdivision and where is this information listed? **18.1, Timetable**

PTC BETWEEN CPG433 AND CPW143

87. After the crew change is complete, the engineer sets up the locomotive consist for the route and logs into the PTC system. What items must be reviewed, and corrected if needed, during initialization of the PTC system? **18.2, 18.6**

CONSIST DATA, TRACK BULLETINS, RESTRICTIONS AND AUTHORITIES

88. The crew change location at Iowa City is at MP 432.5, just south of CP G433. The inbound engineer indicated the train passed a Clear signal at CP G433. At what speed must the train be operated to the next governing signal? **9.9**

WHEN PTC DISPLAY INDICATES THE NEXT GOVERNING SIGNAL WILL NOT REQUIRE A STOP, TRAIN MAY PROCEED TO ENTER THE NEXT BLOCK COMPLYING WITH THE SIGNAL INDICATION GOVERNING THAT BLOCK

89. Regarding the previous question, if the outbound crew did not receive any information regarding the previous signal indication, at what speed must the train be operated to the next governing signal? **9.10, 6.27**

RESTRICTED SPEED

90. Operating southward on MT 2, after passing an Advance Approach indication, the crew observes their next signal at MP 391.3 displaying an Approach indication. What action is required after passing the Signal? **9.2.6, 9.8**

REDUCE TO 30 MPH, PREPARE TO STOP

Seeing no conflicting movement, the conductor contacts the dispatcher regarding the Stop indication at CP G390. The dispatcher reports that they will be waiting for two northward trains before they can depart. After verifying the crew can copy an unforeseen restriction, the dispatcher instructs the crew to "Comply with Procedure XG at MP 389.0, Spartan Road".

91. While stopped, the engineer would like to make a cell phone call. Is this allowed, and are there any required actions before the call can be completed? **2.21**

JOB BRIEFING AND ALL CREW MEMBERS AGREE IT IS SAFE TO DO SO

92. After the second northward train passes, the crew observes a Diverging Clear indication at CP G390. What is the maximum authorized speed through the turnout? **6.31, Timetable**

50 (SUBDIVISION GENERAL ORDER)

93. As the ILXMD 15 approaches MP 389.0, Spartan Road, the crew observes the automatic warning devices at the crossing, and they appear to be functioning properly. In addition to approaching crossing prepared to stop before entering crossing, what additional action is required by the crew? **6.32.2**

15 MPH UNTIL OCCUPIED

Operating southward, the engineer stops the train at the south end of Evanston siding, CP G382, near the assist van and the conductor detrains. The engineer then pulls the train southward to clear the control point. A few minutes later the dispatcher calls on the radio and advises the crew that the switch at CP G382 does not show lined and locked for movement to the siding and that they will be required to hand operate the switch for their movement.

94. What must be included in the job briefing before the dispatcher can authorize the movement and give the crew permission to place the dual control switch in hand operation? **9.13, 9.13.2**

CLEAR UNDERSTANDING OF THE CONTROL POINT, ROUTE, AND SWITCHES THAT MUST BE OPERATED

95. After receiving proper authority into the control point and permission to operate the dual control switch by hand, the conductor proceeds to the switch. What action is required after the conductor takes the power off the switch if it is already lined for movement to the siding track? **9.13.1**

OPERATE THE HAND THROW LEVER UNTIL THE SWITCH POINTS ARE SEEN TO MOVE WHEN THE LEVER IS OPERATED

After complying with any required action regarding the switch, the conductor verifies the switch is lined for the intended route and that the track is clear to the lead locomotive of the train tied down on the siding. The conductor will ride the rear car which is an intermodal well car equipped with one vertical handhold while protecting the shoving movement.

96. Can the conductor sit on the outer edge of the car, facing the direction of movement, with one foot on the grab iron and the other (inside) foot on the platform while riding the car? **81.7**
YES, PROVIDED THE CONDUCTOR KEEPS ONE HAND ON VERTICAL GRAB IRON AND REMAINS SEATED UNTIL MOVEMENT STOPS

97. What PTC action is required before the crew begins the shoving movement to complete the pick up? **18.9**
PTC SHOULD BE IN RESTRICTED MODE

98. Can the conductor ride the car to a coupling? **81.13**
NO

99. The conductor stops the movement short of a coupling to remove the EOT device. In addition to establishing "Red Zone Protection", what is the minimum separation needed between the rear car of the train and the equipment on the siding before the conductor can go between the equipment to remove the EOT? **81.2.2, 81.5.4**
100 FEET

After removing the EOT, and clearing the "Red Zone", the conductor completes the shoving movement to a coupling. After verifying set and centered condition, the engineer rides in the van to the lead consist of the IDITI 14 to set up the lead unit (UP 7229) as the controlling unit of the cut-in DP consist and then proceeds to the rear of the train to set up the UP 6914 as a rear DP locomotive.

100. Is the engineer required to announce "Red Zone" before fouling the equipment on the siding to set up the trailing locomotive consists for DP service? **81.5.4**
NO

101. While the engineer sets up the locomotive consists for DP service, the conductor returns the dual control switch at CP G382 to power. Is the crew required to job brief and notify the dispatcher when power is restored to the switch? **9.13.1, SSI Item 10K**
YES, MUST NOTIFY THE DISPATCHER AFTER IT IS RETURNED TO POWER

102. After setting up the remote consists, the engineer returns to the lead unit to complete the initial DP linking process. The conductor is at the coupling to cut in the air and release hand brakes on the secured portion. After cutting in the air, what distributed power test will be required to complete the linking process? **33.1.2, 33.7.3, 33.7.4**

DP BRAKE PIPE CHECK

103. After completion of the required train air brake tests and inspections, the conductor releases the hand brakes on the rear portion. How many hand brakes must the conductor inspect after releasing the last applied hand brake and will the conductor be required to establish Track Breach Protection if work is performed between the siding and the main track? **32.1.6**, **Item 12**

AT LEAST 3 HANDBRAKES PAST LAST APPLIED

YES, WOULD NEED TO ESTABLISH TBP.. UNLESS THEY HAVE A LOOKOUT

104. The crew job briefs regarding the train information after the pick-up and determine the maximum speed of the train and train totals departing Evanston are? **6.31, 30.9.1, SSI Item 2F**

237 LOADS 0 EMPTIES 12283 TONS 14294 FEET

70 MPH; SSI ITEM 2F DOES NOT APPLY WITH PTC ENGAGED

105. What are the totals for Equivalent Powered Axles (EPA), Equivalent Dynamic Brake Axles (EDBA), and TPA of the train after completing the pick-up? **SSI Item 4, 31.8.7**

72.5 EPA

59.5 EDBA

170 TPA

106. Does the train exceed the maximum TPA or coupler limit for the Fiesta subdivision? **Paperwork, 31.8.7**

NO

107. What is the minimum EPA necessary to operate the train on the Fiesta subdivision, and will the engineer need to isolate/shut down any locomotives prior to departing Evanston? **31.8.7**

58.5

ISOLATE, YES

108. Will the crew be required to verify the position of the cut-in helper, any car placement restrictions and update the PTC consist data before departing? **18.6, SSI Item 5-B, SSI Item 5-C**

YES, ALL DATA NEEDS TO BE UPDATED

109. Will the crew need to reposition any car(s) in order to comply with train make-up restrictions contained in SSI Items 5-B or 5-C? **SSI Item 5-B, SSI Item 5-C**

YES, CAR PLACEMENT RESTRICTIONS

110. After completing any required actions regarding train make-up restrictions, the crew departs southward. What is the maximum speed while operating on the siding at Evanston? **6.31, Timetable**

40 MPH

111. Approaching the north end of Lincoln siding, CP G367, the crew has initiated a "Cab Red Zone" and is preparing to stop before passing CP G366 at the south end of the siding. Why? **1.47.1, 9.23.1**

BLOCK SUSPENSION; CONTACT EIC FOR AUTHORITY

112. What actions, if any, are required by the crew before passing CP G366? **SSI Item 10-B, 9.23.1, 18.7**

AFTER STOPPING, CONTACT EIC OF SIGNAL SUSPENSION, PERFORM SOFT CUTOUT OF PTC

113. What is the maximum speed of the ILXMD 15 while operating within the signal suspension limits? **6.31, 9.23.1, 18.12**

49 MPH

114. Operating southward, how should the crew approach the signal at CP G354? **9.23.1**

MAINTAIN CAB RED ZONE
PREPARE TO STOP UNTIL ASPECT CAN BE CLEARLY SEEN

115. The crew observes a Clear indication at CP G354. What action is required by the engineer on the ILXMD 15 before passing the signal at CP G354? **SSI Item 10-B, 18.7**

BE GOVERNED BY SIGNAL INDICATION AND REDUCE TO 15 MPH BEFORE PASSING SIGNAL TO CUT IN PTC

116. As the train passes the detector at MP 350.1, the crew does not receive an exit message. What action, if any, is required? **SSI Item 13, 13.8.1, 13.8.2**

NO, TALK ON DEFECT ONLY

117. After complying with any required action regarding the detector, the train advances onto the Fiesta subdivision at Kinnick. The detector at MP 390.9 announces "Integrity Failure" as the train clears the detector. No defect message or tone was received. What action, if any is required? **SSI Item 13, 13.8.1, 13.8.2**

NOTIFY DISPATCHER, PROCEED AT MAXIMUM AUTHORIZED SPEED

118. What is the maximum EDBA (Equivalent Dynamic Brake Axles) allowed on the lead consist of the ILXMD 15 between Eugene and Corvallis? **Timetable**

27 EDBA

119. What is the TPDBA (Tons Per Equivalent Dynamic Brake Axle) for the train? **SSI Item 4, ABTH Glossary**

252 TPDBA

120. What is the maximum speed of the train on the descending grade between Berkeley and Corvallis? **Timetable**

30 MPH

121. As the train is approaching Seattle and while passing through a tunnel, the engineer observes a "Comm Loss" on the DP consist at the rear of the train. What action is required? **SSI Item 8, 32.9.6** WITHIN 16 MINUTES 30 SECONDS

MOVE TRAIN LENGTH TO ATTEMPT TO RE-ESTABLISH COMM OR SUFFICIENT DISTANCE TO CLEAR OBSTRUCTION; MOVE TRAIN IN SECTIONS DUE TO ENROUTE FAILURE; CONTINUE DURING A LOSS OR RADIO COMM BETWEEN EMPLOYEE AT REAR OF TRAIN, PROVIDED TRAIN DOESN'T EXCEED 5 MPH ABOVE MAX AUTH. SPEED

122. During the "COMM LOSS", if the engineer needed to idle the remote consist, what procedure is required? **33.1.3**

MAKE A FULL SERVICE REDUCTION

123. Continuing southward, communication with the rear helper is restored after the train clears the tunnel. What is the maximum speed of the ILXMD 15 at MP 367.7? **6.31, SSI Item 8, Timetable**

35 MPH

124. As the ILXMD 15 passes South Los Angeles, CP M344, the crew hears a northward train call the dispatcher and report that they are in emergency in the siding at Salt Lake City. The dispatcher immediately calls the ILXMD 15 with this information. What action is required by the crew on the ILXMD 15? **6.23, 6.27**

IMMEDIATELY REDUCE TO RESTRICTED SPEED, STOP SHORT OF ANY PORTION OF THE STOPPED TRAIN FOULING THEIR TRACK

125. As the train crests the grade at Berkeley, the engineer makes a reduction of the Automatic Brake and has the train "balanced". Describe the term "balanced braking". **ABTH Glossary**

THE COMBINED USE OF TRAIN AIR BRAKES AND DYNAMIC BRAKES TO STABILIZE, INCREASE OR DECREASE TRAIN SPEED ON A DESCENDING GRADE

126. If the dynamic brakes failed on the lead unit, could the train continue to operate on the descending grade? **31.5.1**

YES, IF ABLE TO CONTROL THE TRAIN & HAS WORKING ACCELEROMETER

127. Approaching Boulder, the train passes over a flange lubricator in a curve and the engineer feels the wheels slip which results in a drop of dynamic forces. The train speed increases and is approaching 5 MPH over their maximum speed. What action is required? **SSI Item 8**

STOP MOVEMENT IMMEDIATELY, USING AN EMERGENCY BRAKE APPICATION

128. The conductor immediately stops the train. What action is now required? **SSI Item 8**

APPLY HANDBRAKES TO PREVENT MOVEMENT
NOTIFY DISPATCHER
DSLE

After complying with any required action(s), the train is ready to depart. A DSLE (Designated Supervisor of Locomotive Engineers) has debriefed the crew regarding the emergency application of the train air brakes.

129. Before departing, the DSLE discusses the use of retainers with the engineer. What are the requirements regarding use of retainers? **34.5.5**

MUST BE SET IN THE "HP" POSTION ON ENTIRE TRAIN; DO NOT EXCEED 15 MPH, FREIGHT CAR;FREIGHT CAR BRAKE CYLINDER PRESSURE IS NOT RETAINED UNTIL A BRAKE PIPE OF AT LEAST 10PSI HAS BEEN MADE & RELEASED; FURTHER BRAKE PIPE REDUCTION WILL ADD TO THIS PRESSURE IN BRAKE CYLINDER

Arriving at North Corvallis, the train operates onto the siding track for the work event and crew change. The engineer stops the train at the crossovers and the conductor detrains to be in position to make the cut on the train. The engineer operates the train southward until the conductor stops the movement and makes a cut on the train ahead of the mid train DP consist. A relief crew is at the crossovers to take over the rear portion of the train.

130. After making a further separation, and establishing "Red Zone Protection", the conductor installs the EOT device the relief crew brought out to the train. After arming the device, what is required to test the EOT device? **32.9.2, 32.9.3, 32.9.4**

MOVE A CAR AHEAD OF EOT; INITIATE AND EOT EMERGENCY FROM LEAD LOCOMOTIVE, THE BRAKE PIPE PRESSURE MUST DROP TO 0PSI; OPEN ANGLE COCK & DETERMINE THE BRAKE PIPE PRESSURE HAS RESTORED BEFORE PROCEEDING

131. What air brake tests and inspections, if any, will be required before the head portion of the train (ILXMD 15) can depart Corvallis? **30.7.1**

CLASS 3

After taking charge of the rear portion of the train, which will depart Corvallis as the ICOTI 18, the relief crew will need to reconfigure the inbound mid-train and rear DP consists as the new lead and rear DP consists for their outbound train and perform any required air brake tests and inspections before departure.

132. After securing the train, what locomotive air brake tests and inspections are required prior to completing the DP linking process? **31.3.1, 31.8.2, 31.8.4, 31.8.4.3**

STANDING LOCOMOTIVE AIR BRAKE TEST, ALERTER

133. What distributed power test is required to complete the DP linking process? **33.1.2,, 33.7.2**

BRAKE PIPE TEST

DISPLAY SCREEN AND REMOTE SETUP

134. What air brake tests and inspections, if any, will be required before the train departs Corvallis? **1.33, HMIII-1, 30.3.1, 30.10.1, ABTH Glossary**

SAFETY INSPECTION, HAZMAT INSPECTION, &
INITIAL TERMINAL AIR BRAKE TEST

135. Will the crew be required to complete an Air Brake Test Form for the train? **30.3.3**

YES, A NEW CLASS 1 WAS PERFORMED.

2022 STUDY GUIDE

Hazardous Materials and Security Awareness

06/01/22

HAZARDOUS MATERIALS

1. Who is required to have either a printed or UPRR electronic version of the Form 8620?
UP EMPLOYEES WHO INSPECT OR TRANSPORT HAZMAT BY RAIL

2. What is the most current version of the Emergency Response Guidebook?
2020

3. During train operations, who is required to carry the most current Emergency Response Guidebook (ERG)?
CONDUCTORS

4. A loaded tank car containing a material poisonous/toxic by inhalation, including anhydrous ammonia, is a Rail Security-Sensitive material (RSSM)?
YES

5. When is a Positive Hand-Off required?
RECEIVING A RSSM SHIPMENT FROM THE SHIPPER AT ANY LOCATION, RECEIVING/ DELIVERING A RSSM SHIPMENT IN INTERCHANGE, OR DELIVERING A RSSM SHIPMENT WITHIN A HIGH THREAT URBAN AREA

6. When a Positive Hand-Off of a RSSM shipment is required, what is necessary for the shipment to be considered attended?
PHYSICALLY ATTENDED BY RAILROAD EMPLOYEE/REPRESENTIVE & EMPLOYEE/ REPRESENTIVE OF THE SHIPPER/RECEIVER OR INTERCHANGING RAILROAD. NOTE:IF ENTRANCE TO SHIPPER/RECEIVER'S FACILITY IS CONTROLLED FROM SECURITY ROOM INSIDE PLANT, CONSIDER SECURITY PERSONNEL PRESENT & CAR ATTENDED.

7. What items must be documented during a Positive Hand-Off?
A. CAR INITIAL
B. FIRST & LAST NAME OF THE INDIVIDUAL WHO ATTENDED TRANSFER
C. LOCATION OF TRANSFER
D. DATE & TIME OF TRANSFER ON THE WORK ORDER OR APPROPRIATE DOCS.

8. What documents are required when accepting or transporting a hazardous material shipment?

A. ACCEPTABLE SHIPPING PAPERS
B. ACCEPTABLE EMERGENCY RESPONSE PAPERS
C. CURRENT POSITION IN TRAIN DOCUMENTS

9. List the documents that would be considered acceptable shipping papers:

RR PRODUCED DOCUMENTS: TRAINLISTS, WORKLISTS,WORKORDERS,OR SIMILAR DOCS
CONNECTED CARRIER'S DOCUMENTS
HANDPRINTED DOCS(PRINTED, NOT CURSIVE)
*HANDPRINTED; NOT ACCEPTABLE IN PULLING HAZMAT SHIPMENT.

10. A crew has a work order to pull 10 cars of TIH/PIH hazardous material from Bridgman Chemicals. The 4th car in the track is not listed on the work order. What is required?

LEAVE THE CAR & EVERYTHING BEHIND IT

11. Before proceeding, what must be done with all copies of Position-in-Train documents after pickups or setouts have been made?

UPDATE POSITION IN TRAIN DOCUMENTS

12. A crew will be picking up 10 cars listed as TIH/PIH that are a solid block. What inspections are required?

NONE

13. Your crew will be picking up a loaded TIH/PIH tank car at a customer's facility on an Industrial lead. What action is required if the car is missing a placard?

DO NOT ACCEPT IT UNTIL PROPER PLACARDS HAVE BEEN DISPLAYED

14. What is the maximum coupling speed when a loaded placarded car is cut off in motion?

4 MPH

15. The following cars are being switched in a hump yard. Are there any restrictions to switching these cars in a hump yard?

029 PSPX022152 LT22 129 LIVO NKPN APOISN TB028 MFWLI 25 LIVO
** DANGEROUS **
030 PSPX022109 LT22 129 LIVO NKPN APOISN TB028 MFWLI 25 LIVO
** DANGEROUS **
031 CPCX105054 LT22 131 LIVO NKPN APOISN TB028 MFWLI 25 LIVO
** DANGEROUS **

RELEASE IN CUTS OF 2 OR LESS, RELEASE ONLY WHEN CARS PROCEEDING HAVE CLEARED AND SWITCH IS LINED

16. What precautions must be taken when flat switching the loaded tank cars shown below?

SHOVED NR SHOVED NR SHOVED

17. During humping operations, which cars must be shoved to rest?

SHOVED SHOVED SHOVED

18. In a switching operation, can the car below be kicked or humped? Please explain your answer.

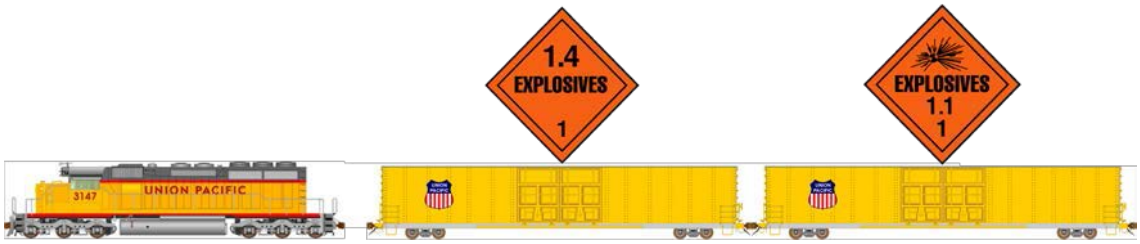
CAN NOT KICK OR HUMP

RESTRICTION #1 IN PART C APPLIES

19. Which car(s) may be cut-off in motion while flat switching?

CUTOFF CUTOFF CUTOFF

20. Could you couple the engine to the cut of cars shown below while switching?



NO, NEED A BUFFER FROM SECTION A

21. While switching at an Industry, could a Local crew couple directly into the cars shown below at either end of the cut?

YES

```
SEQ INIT NUMB  L KND WGT YBLK SPCD CMDTY  *NEXT*SYS*DES* OBND-TRAIN TBLK
001 TILX601143 L T12 137 IND6 NKH3 APOISN JR001  1075416 LOP53 01   INDU
          **DANGEROUS                **
          FLAT YARD - DO NOT KICK

002 GONX052587 L G5C 133 IND3 H2BN PIPE   JR001  1075000 LOP53 01   INDU

003 GATX070673 E T22 038 IND3 KGH2        JR001  1075208 LOP53 01   INDU
          **                         **

004 CEMX011128 E C3L 028 IND3 H2          JR001  1075506 LOP53 01   INDU

005 EAGX019031 E T19 033 IND6 DEEM        JR001  1075408 LOP53 01   INDU
          **DANGEROUS                **

006 SHPX240275 L T12 131 IND6 NKH2 APOISN JR001  1075318 LOP53 01   INDU
          **POISON GAS ZONE A        **
          FLAT YARD - DO NOT KICK
```

22. Will the car placement shown below meet Placement in Train requirements? Explain why or why not.

NO, THE REAR 2 CAN BE BUFFERS

23. Will the car placement shown below meet Placement in Train requirements? Explain why or why not.

YES

24. Using the Placard Endorsement Conversion Chart and the Placement in Train Chart, are the following placements correct?

G/A

```
   42 CALX   3014 ET22        RV378            OZOL  TOLENAS  CA SUNPOL RES
     74 FROM HEAD 50-MPH  38-TONS  58-FT  1-P       1.00-BRK 3033-ATONS  3284-AFT
                                       1/TK
*************************              RESIDUE: LAST CONTAINED
*                       *              NA1993
*************************              COMBUSTIBLE LIQUID,N.O.S.
EMERGENCY CONTACT:                     (CONTAINS MINERAL
  9252608866                            SPIRITS)
                                       COMBUSTIBLE LIQUID
                                       PG III
                                       SHIPPER CONTACT
                                         SUNPOL RESINS AND POLYMER
                                       HAZMAT STCC = 4915389
```

R/#6

```
   43 ARMN 762356 LRP7 MEATS  PX950            OAKL  OAKLAND  CA PACIFI TRA
     73 FROM HEAD 70-MPH  93-TONS  59-FT  1-P       1.00-BRK 6032-ATONS  5348-AFT
                  PS  R705 MAINTAIN 0 DEGREES
                  PROTECTIVE SERVICE
                                            MAINTAIN -10 DEG
```

P/D

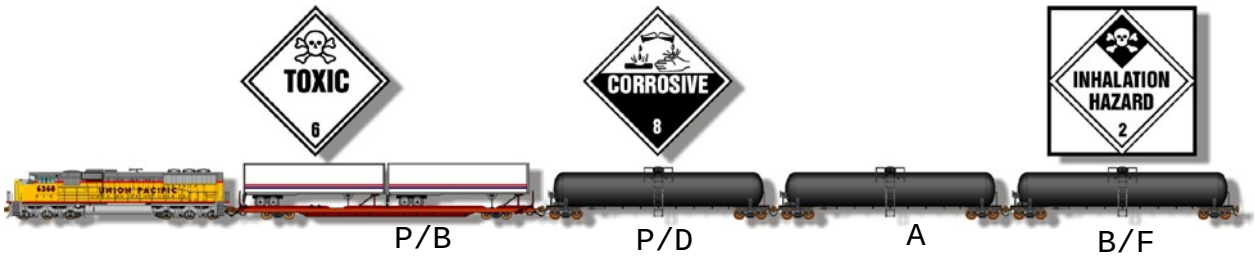
```
   44 PROX  15245 LT12 CORSVE RV182  01-702-55       VISTA    NV SIERRA CHE
     72 FROM HEAD 60-MPH 128-TONS  42-FT  1-P       1.00-BRK 2992-ATONS  3740-AFT
                  CC  CAR IS LESS THAN 45 FT
                                       1/TC, 89970/KG
*************************              UN1830
* DANGEROUS             *              SULPHURIC ACID
*************************              8
EMERGENCY CONTACT:                     PG II
  800-424-9300                         RQ (SULFURIC ACID)
                                       ERP 2-0034
                                         2503644214
                                       TECK METALS LTD
                                       25 ALDRIDGE AVE
                                       TRAIL            BC V1R4L
                                       SHIPPER CONTACT
                                         CHEMTREC    CCN11488
                                       HAZMAT STCC = 4930040
```

NO, LOADED TANK CAR NEXT TO REFRIGERATED CAR IN PROTECTED SERVICE

25. Can the cars shown below be placed next to each other in a train?

NO, RESTRICTION #5

26. Will the car placement shown below meet Placement in Train requirements? Explain why or why not.



YES

27. Using the Placard Endorsement Conversion Chart and the Placement in Train Chart, are the following placements correct?

G/A

```
86  UTLX 48690            LT19
     R60  SPEED  RESTRICTED CAR
                           1/TC,  142115/LB
**********************     ENVIRONMENTALLY HAZARDOUS
*                    *     SUBSTANCES,  LIQUID,
**********************     N.O.S.
EMERGENCY CONTACT:         (SIMETHYL PHTHALATE)
800-424-9300               9
                           UN3082
                           PG III
                           RQ (DIMETHYL PHTHALATE)
                           HAZMAT STCC = 4962114
```

P/D

```
87  GATX 78040            LT32
     R60  SPEED  RESTRICTED CAR
                           1/TC
**********************     LIQUEFIED PETROLEUM GAS
*    DANGEROUS       *     2.1
**********************     UN1075
EMERGENCY CONTACT:         (PROPANE)
800-424-9300               HAZMAT STCC = 4905752
```

B/F

```
88  GATX 78086            LT32
     R50  SPEED  RESTRICTED CAR
                           1/TC
**********************     PHOSGENE
* POISON GAS ZONE A *      2.3
**********************     UN1076
EMERGENCY CONTACT:         RQ (PHOSGENE)
800-424-9300               POISON-INHALATION HAZARD
```

NO

28. After switching cars at an Industry, could a Local crew place the cars (as shown below) on the head end of their train and proceed to their next customer located 6 miles away on the Industrial Lead?

```
SEQ INIT NUMB   L KND WGT YBLK SPCD CMDTY   *NEXT*SYS*DES* OBND-TRAIN TBLK
001 TILX601143 L T12 137 IND6 NKH3 APOISN JR001  1075416 LOP53 01   INDU
          **DANGEROUS                **
          FLAT YARD - DO NOT KICK

002 GONX052587 L G5C 133 IND3 H2BN PIPE   JR001  1075000 LOP53 01   INDU

003 GATX070673 E T22 038 IND3 KGH2         JR001  1075208 LOP53 01   INDU
          **                         **

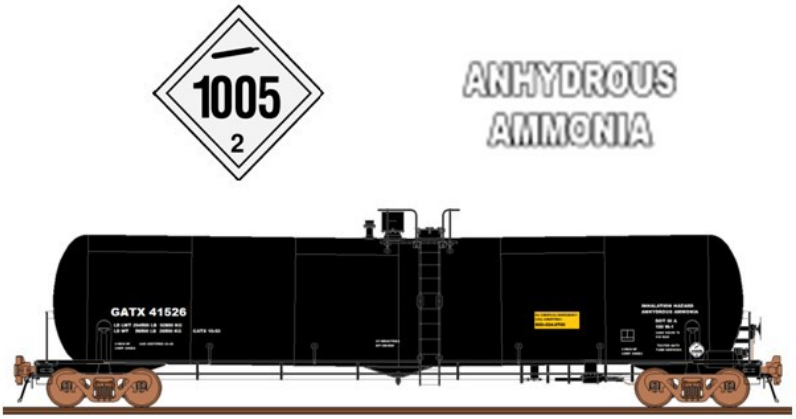
004 CEMX011128 E C3L 028 IND3 H2           JR001  1075506 LOP53 01   INDU

005 EAGX019031 E T19 033 IND6 DEEM         JR001  1075408 LOP53 01   INDU
          **DANGEROUS                **

006 SHPX240275 L T12 131 IND6 NKH2 APOISN JR001  1075318 LOP53 01   INDU
          **POISON GAS ZONE A        **
          FLAT YARD - DO NOT KICK
```

NO

29. If the car below was added to a train with no hazardous materials, would its Key Train status change?



YES (TIH/PIH)

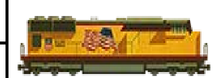
30. Does the rear helper shown below comply with the Placement in Train requirements?

YES

ONLY RESTRICTION #1 APPLIES

HAZMAT - TRAIN PLACEMENT AID

	Color	Color	Color	Color	Color	Color	Color	
	Column	Column	Column	Column	Column	Column	Column	
Restriction 1								Restriction 1
Restriction 2								Restriction 2
Restriction 3								Restriction 3
Restriction 4								Restriction 4
Restriction 5								Restriction 5
Restriction 6								Restriction 6

	Color	Color	Color	Color	Color	Color	Color	
	Column	Column	Column	Column	Column	Column	Column	
Restriction 1								Restriction 1
Restriction 2								Restriction 2
Restriction 3								Restriction 3
Restriction 4								Restriction 4
Restriction 5								Restriction 5
Restriction 6								Restriction 6

	Color	Color	Color	Color	Color	Color	Color	
	Column	Column	Column	Column	Column	Column	Column	
Restriction 1								Restriction 1
Restriction 2								Restriction 2
Restriction 3								Restriction 3
Restriction 4								Restriction 4
Restriction 5								Restriction 5
Restriction 6								Restriction 6

	Color	Color	Color	Color	Color	Color	Color	
	Column	Column	Column	Column	Column	Column	Column	
Restriction 1								Restriction 1
Restriction 2								Restriction 2
Restriction 3								Restriction 3
Restriction 4								Restriction 4
Restriction 5								Restriction 5
Restriction 6								Restriction 6

HAZMAT - TRAIN PLACEMENT AID

	Color	Color	Color	Color	Color	Color	Color	
	Column	Column	Column	Column	Column	Column	Column	
Restriction 1								Restriction 1
Restriction 2								Restriction 2
Restriction 3								Restriction 3
Restriction 4								Restriction 4
Restriction 5								Restriction 5
Restriction 6								Restriction 6

	Color	Color	Color	Color	Color	Color	Color	
	Column	Column	Column	Column	Column	Column	Column	
Restriction 1								Restriction 1
Restriction 2								Restriction 2
Restriction 3								Restriction 3
Restriction 4								Restriction 4
Restriction 5								Restriction 5
Restriction 6								Restriction 6

	Color	Color	Color	Color	Color	Color	Color	
	Column	Column	Column	Column	Column	Column	Column	
Restriction 1								Restriction 1
Restriction 2								Restriction 2
Restriction 3								Restriction 3
Restriction 4								Restriction 4
Restriction 5								Restriction 5
Restriction 6								Restriction 6

	Color	Color	Color	Color	Color	Color	Color	
	Column	Column	Column	Column	Column	Column	Column	
Restriction 1								Restriction 1
Restriction 2								Restriction 2
Restriction 3								Restriction 3
Restriction 4								Restriction 4
Restriction 5								Restriction 5
Restriction 6								Restriction 6