

Emporia Subdivision

Track Chart



Outbound yard	
TRACK	LENGTH
	<u>7,440ft</u>
	<u>7,614ft</u>
	<u>7,371ft</u>
	<u>6,955ft</u>
	<u>6,733ft</u>
	<u>6,751ft</u>
	<u>5,116ft</u>
	<u>4,838ft</u>
	<u>4,729ft</u>
	<u>4,440ft</u>
4096	<u>8,900ft</u>

Inbound yard	
TRACK	LENGTH
	<u>8,058ft</u>
	<u>7,949ft</u>
	<u>8,148ft</u>
	<u>8,071ft</u>
	<u>8,024ft</u>
	<u>7,847ft</u>
	<u>7,446ft</u>
	<u>6,956ft</u>
	<u>6,412ft</u>
	<u>6,017ft</u>
4097	<u>8,400ft</u>

Turner yard	
TRACK	LENGTH
	<u>3,230ft</u>
	<u>3,500ft</u>
	<u>3,750ft</u>
	<u>3,750ft</u>
	<u>4,310ft</u>
	<u>4,420ft</u>
	<u>4,140ft</u>
	<u>3,995ft</u>
	<u>3,265ft</u>
	<u>3,265ft</u>
	<u>7,250ft</u>
	<u>7,230ft</u>
	<u>7,300ft</u>
	<u>7,350ft</u>
	<u>1,620ft</u>
	<u>1,520ft</u>
	<u>1,600ft</u>
	<u>540ft</u>

3,000 yard	
TRACK	LENGTH
	<u>2,375ft</u>
	<u>2,375ft</u>
	<u>2,504ft</u>
	<u>2,205ft</u>
	<u>2,205ft</u>
	<u>1,771ft</u>
	<u>1,601ft</u>
	<u>1,394ft</u>
	<u>1,165ft</u>
	<u>908ft</u>
	<u>900ft</u>
Goddard stub	<u>525ft</u>

DISPATCHERX=0
RFE X=1
MECHANICAL X=2
CUSTOMER SUPPORT X=3
RR POLICE X=4
DETECTOR DESK X=5
ARGENTINE DSF X=6
PTC DESK X=9

Argentine Yard



CONTACT NUMBERS				
Argentine Terminal Tower	913-551-4404			
Hot Seat	913-551-4809			
Safety Trainmaster	913-551-4496			
Turner Trainmaster	913-551-4398			
Road Foreman of Engines	913-551-4044			
Hump Tower	913-551-2928			
Bowl Tower	913-551-4269			
BNSF Police ROC	1-800-832-5452			
Emergency Numbers for TY&E families				
System	1-800-964-9387			
Safety Hotline Numbers				
	1-800-533-2673			
Chief Dispatcher	ACD			
(817)-352-2511	(817)-352-2853			
Reporting Signal Problems				
Telecom (Road Signals)	817-593-4357			
Rules Hotline Numbers				
Toll free number	1-800-539-0418			
Company Line	1-817-593-6535			
EMERGENCY CALL 911			CHIEF TEXT LINE (817)-229-9334	
		Mobile PBX Access		
		Mobile		Access
		Tx	Rx	
To Connect: Set channel TxRx, press access code, wait for dial tone, press 8, dial 593-7670 for VTR. To Disconnect: Press #1	Kansas City	Ch 090	Ch 015	*1
To Connect: Set channel TxRx, press access code, wait for dial tone, press 8, dial 593-7670 for VTR. To Disconnect: Press #	Ottawa	Ch 092	Ch 009	*

**St. Joseph Subvdivision****Murray Yard**

Receiving # 1	195
Receiving # 2 & # 3	196
A1	
High Line	

Emporia Subdivision**KCK Argentine**

A-Main	3013
Independent	4096
Auto Switch Lead	6097
Receiving Lead	4097
Steel Plant Lead	590
R3/R4 Pocket	1031/1032

Departing West

North Receiver	4029
South Receiver	4097
North Departure	1010
South Departure	0007

Olathe

Yard Lead	7705
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Gardner Airport Stub

Airport Lead	8601
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LPKC

Main 3	9222
Main 4	9221
Strip Tracks	9261-9268

Ottawa

North Siding	9997
South Siding	9902

Emporia Yard

Running Track 3	6803
4 Track	6804
Old Spring Switch	6816

Augusta

North Siding	3401
South Siding	3408

PTC CLIC Designation Guide**El Dorado**

Tower B/Koch Materials	
West Lead	3307
East Lead	3306
Texaco Refinery- West End	3512
East End	3502

Topeka Subdivision**Topeka****La Junta Subdivision****Newton**

Westbound Freight Lead	8305
Eastbound Freight Lead	8306
WYE	8340
Switch# 8340- MP 186.496	
McGraw Lead	8095
West End Roundhouse	8304
Switch# 0185A-MP 185.862	
East End Roundhouse	8414
Switch# 8420-MP 185.206	

Arkcity Subdivision**Wichita**

East End Yard Lead	0101
West End Yard Lead	0100

Mulvane

Siding	2802
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Ark City

Siding	0262
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Winfield

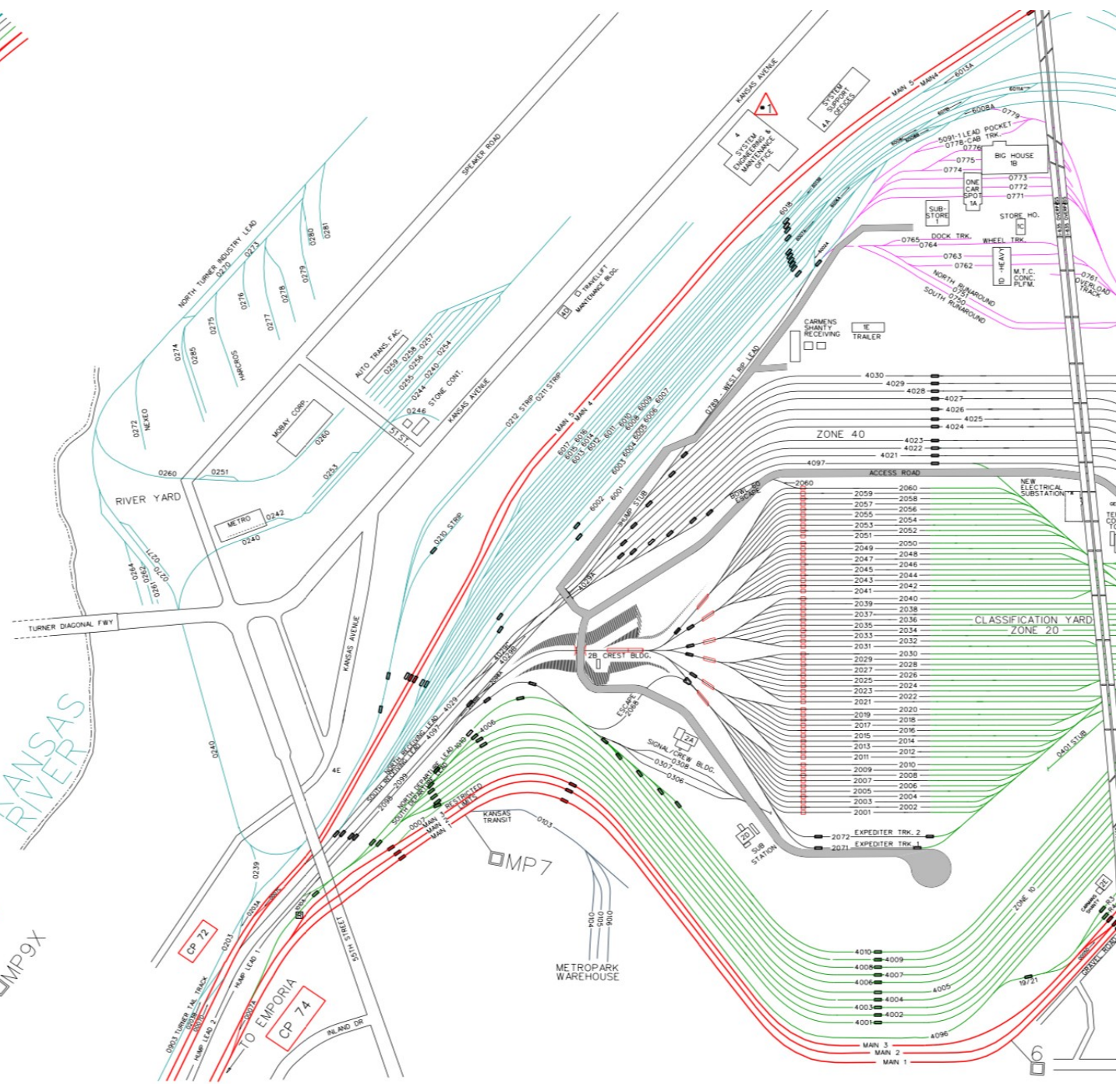
Yard Lead	7396
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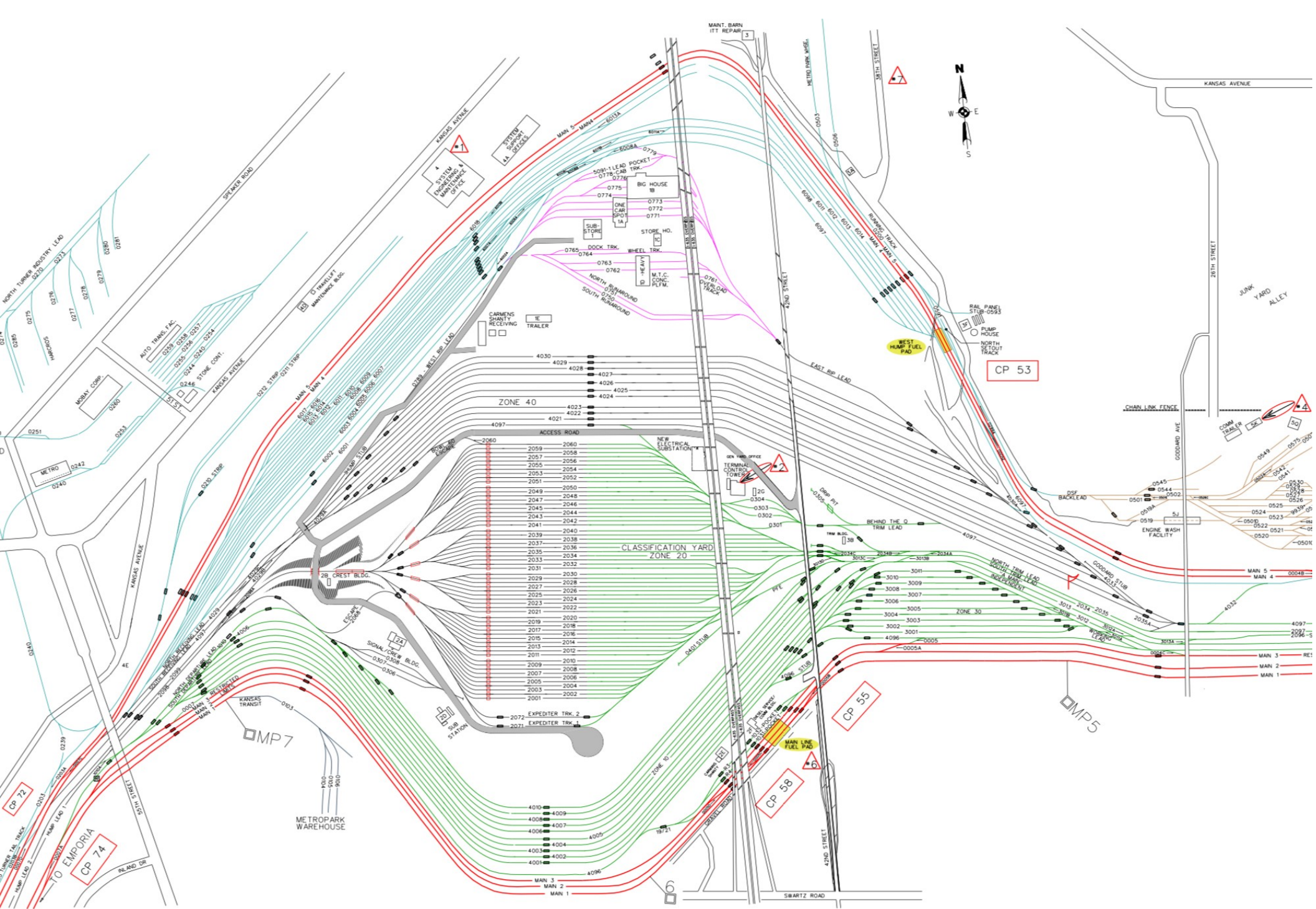
Panhandle Subdivision**Wellington**

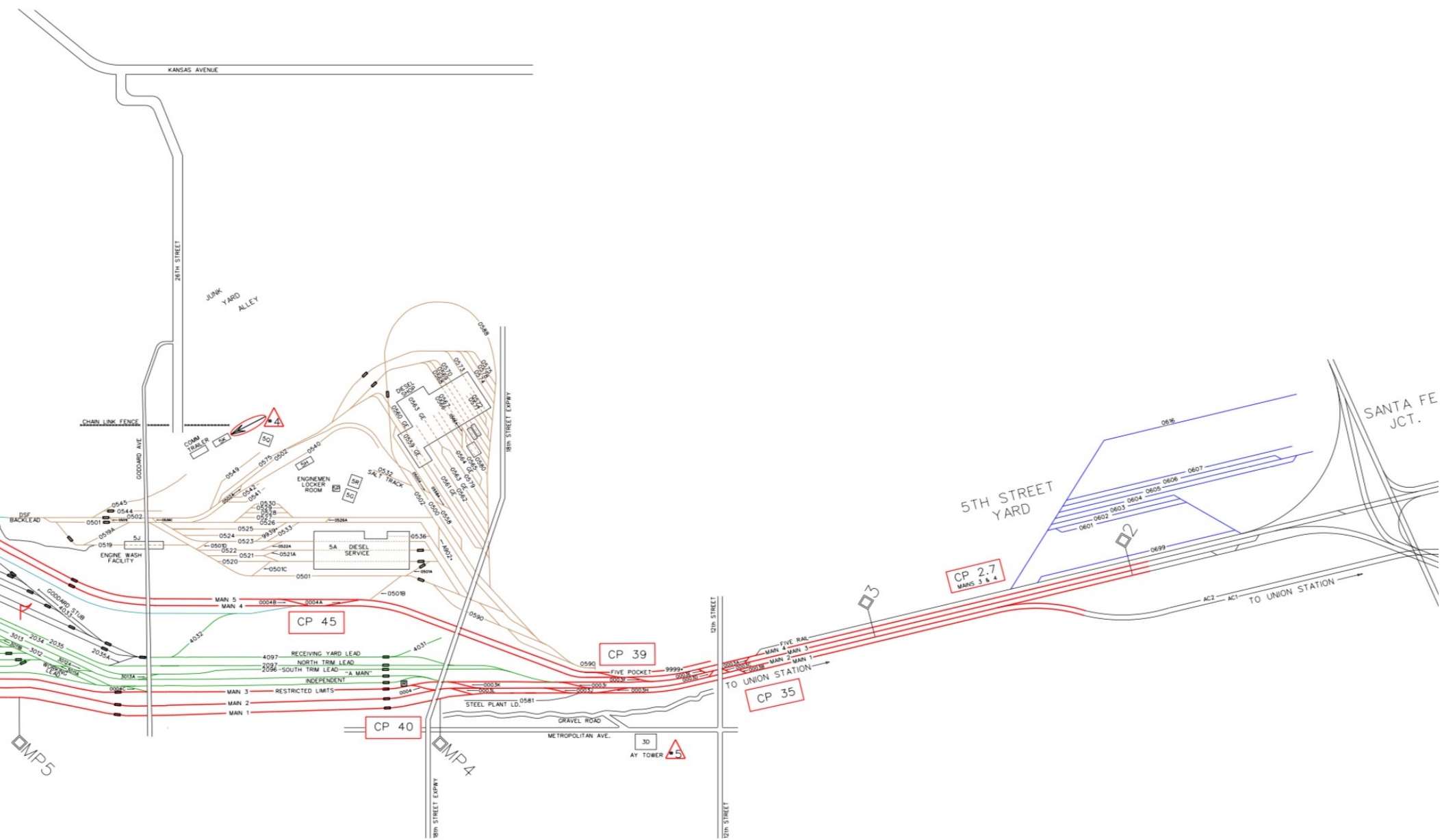
East Yard Lead	0200
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Wellington

CP 2385	0204
C Street	0107
East Yard Lead	0200







Emporia Subdivision

DISPATCHERX=0
RFE X=1
MECHANICAL X=2
CUSTOMER SUPPORT X=3
RR POLICE X=4
DETECTOR DESK X=5
ARGENTINE DSF X=6
PTC DESK X=9



Radio Call-In

Radio Channel 036 in service

Emporia Yard 084 - 25(X)

Emporia - 25(X)	Bazar - 30(X)	Cassoday - 31(X)
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EMERGENCY-CALL 911

Dispatcher X=0, Mechanical Desk X=2, Customer Support X=3, Railroad Police X=4, Detector Desk X=5, Argentine Diesel Servicing Facility X=6, PTC Desk X=9

DS4-INFORMATION

Gardner to West Augusta—817-867-7004, Fax 817-352-2504

CONTACT NUMBERS

Supt. Of Operations	913-551-4927
Division Trainmaster	253-455-0604
Division Trainmaster	913-481-0987
Road Foreman of Engines	913-551-4144
BNSF Police ROC	1-800-832-5452

Emergency Numbers for TY&E families

System	1-800-964-9387
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Safety Hotline Numbers

System	1-800-533-2673
Kansas Division	1-913-551-4950
	1-866-868-8308

Reporting Signal Problems

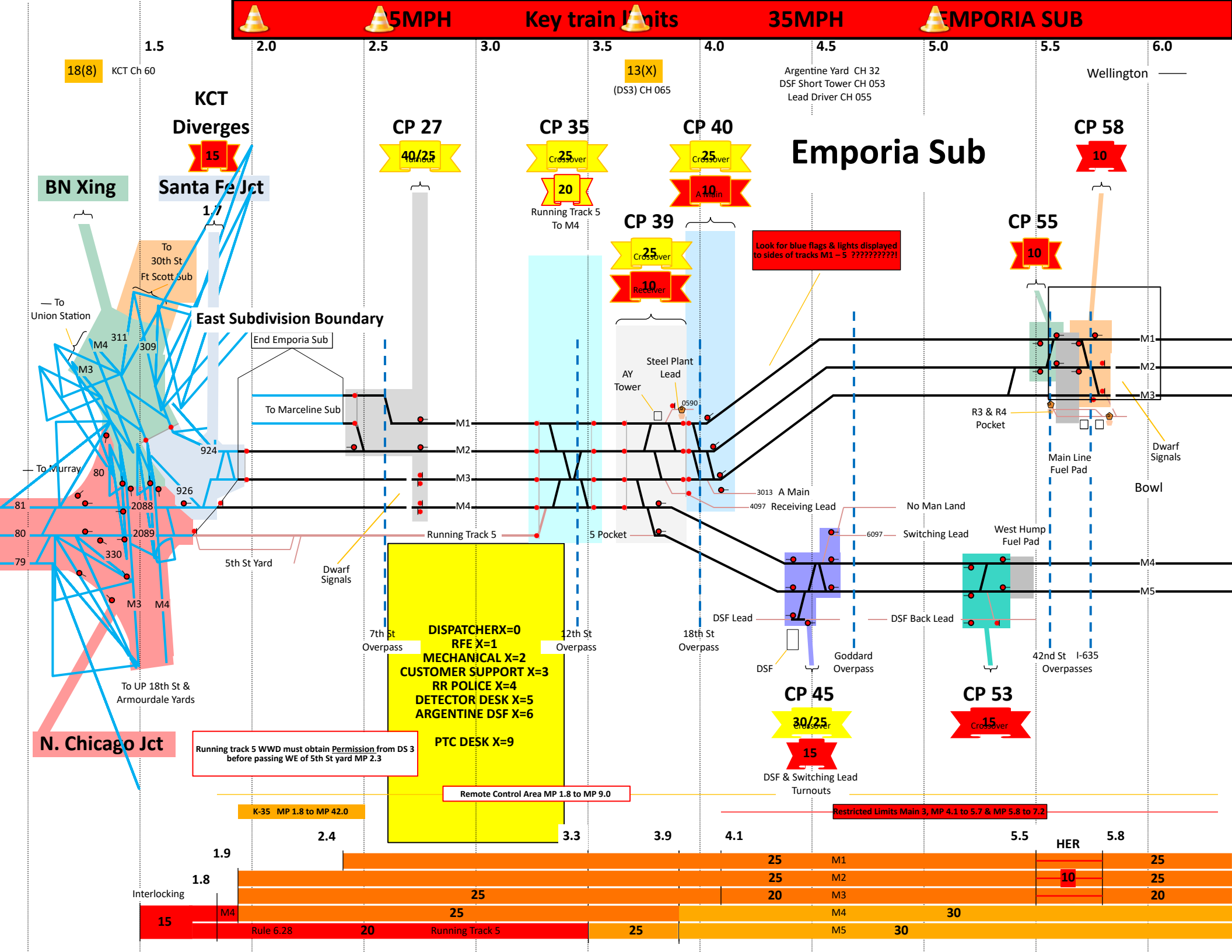
Telecom (Road Signals)	817-593-4357
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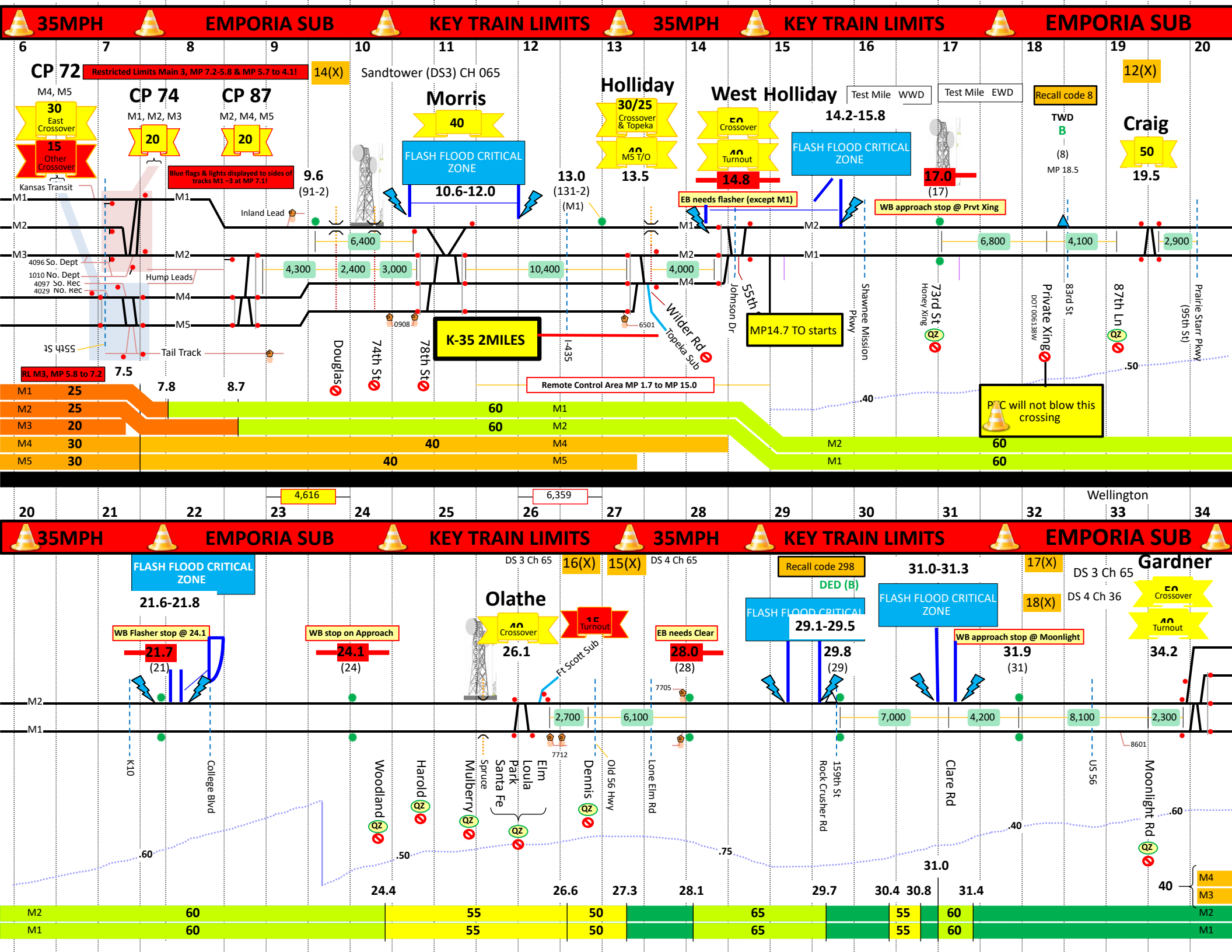
Rules Hotline Numbers

Toll free number	1-800-539-0418
Company Line	1-817-593-6535

Reporting Numbers

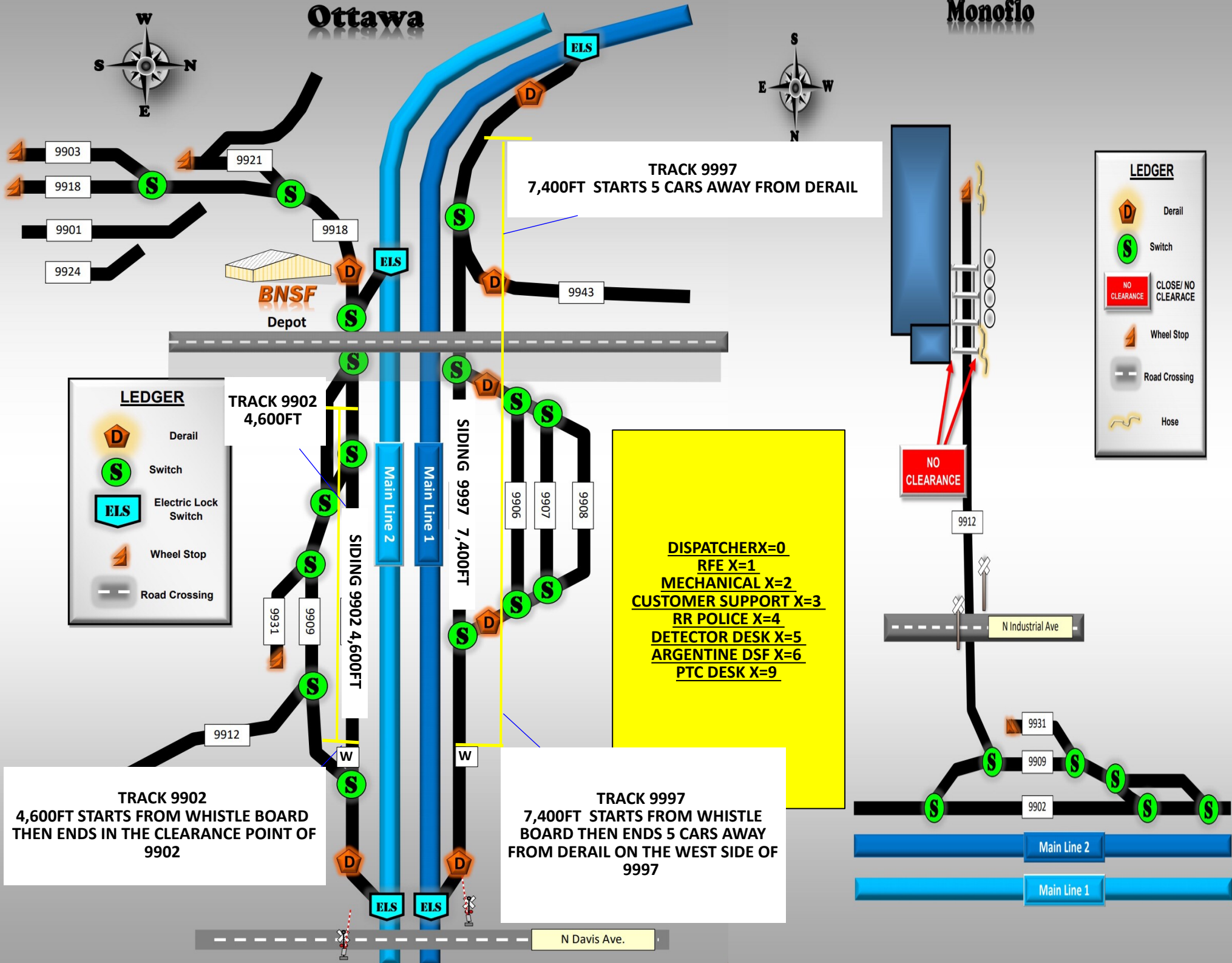
VTR	1-800-327-3230; 1-817-593-7670
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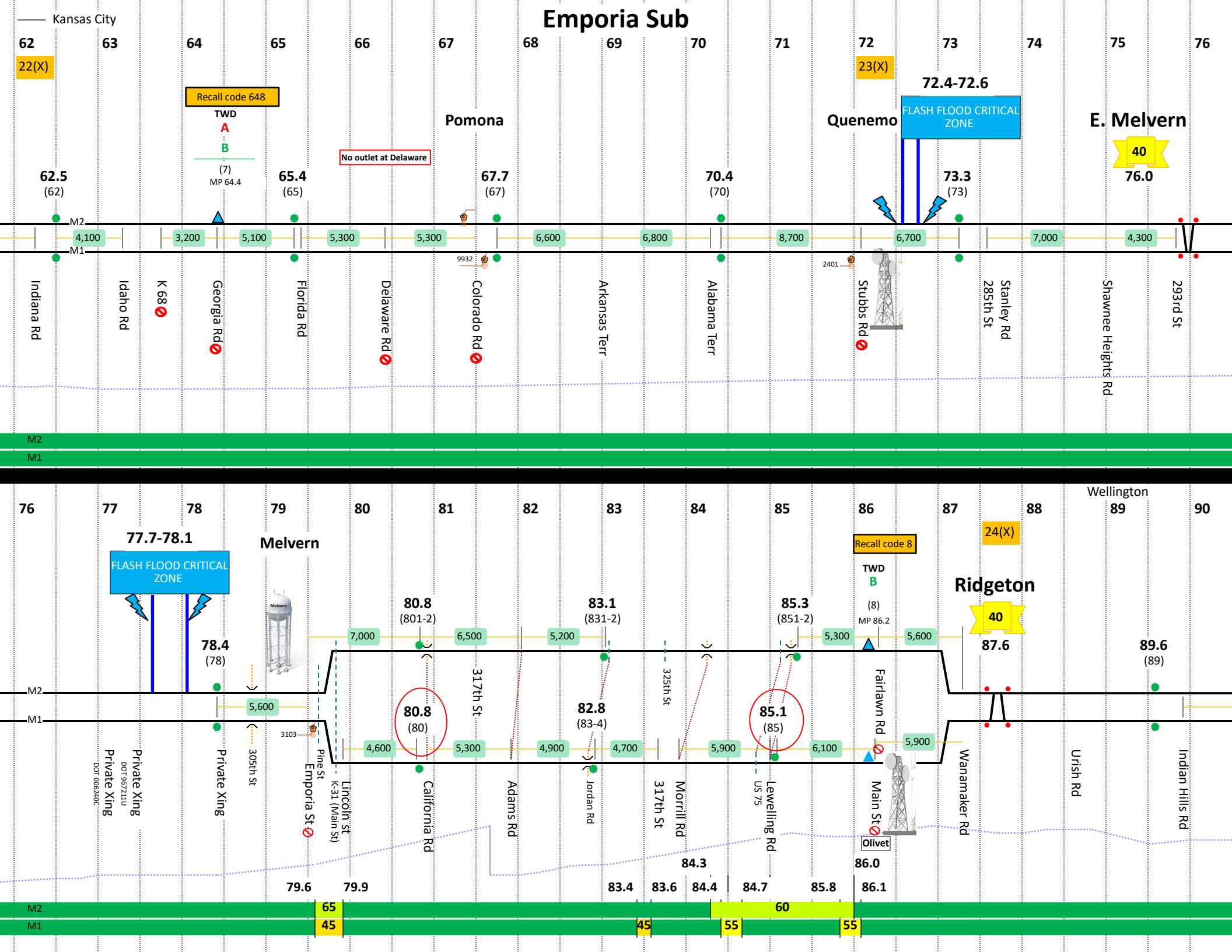




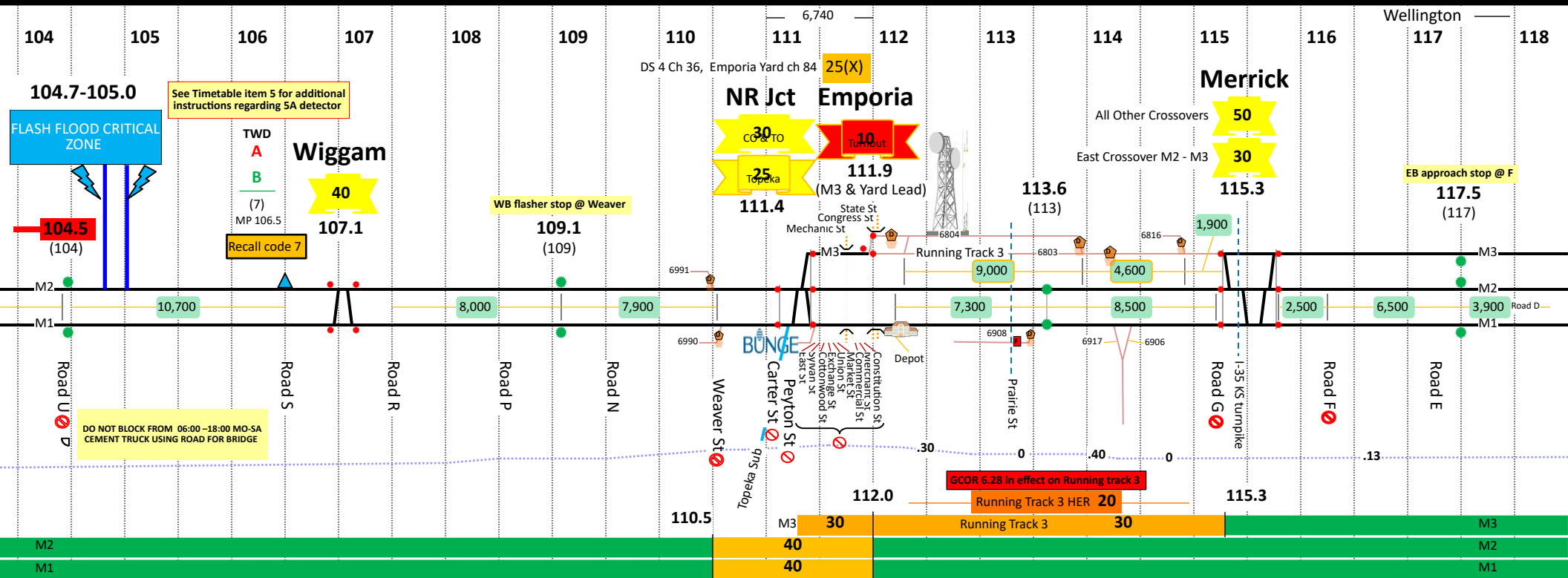
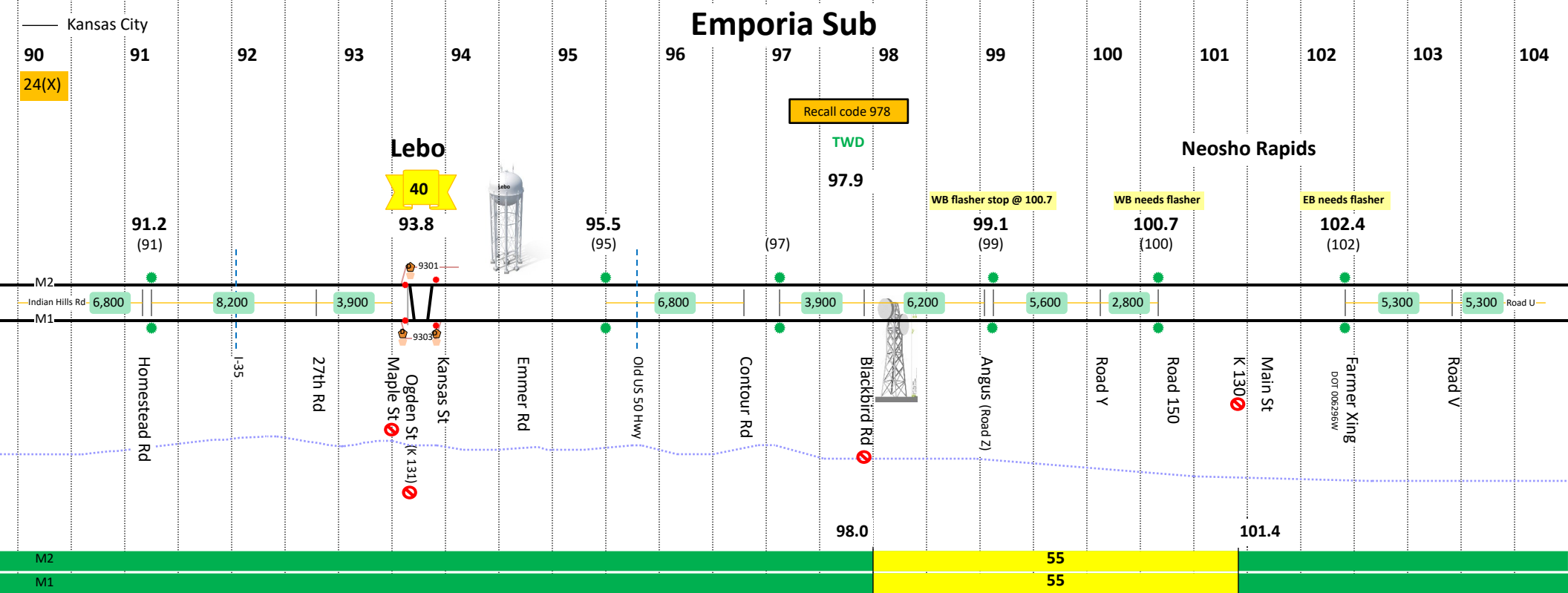
Ottawa

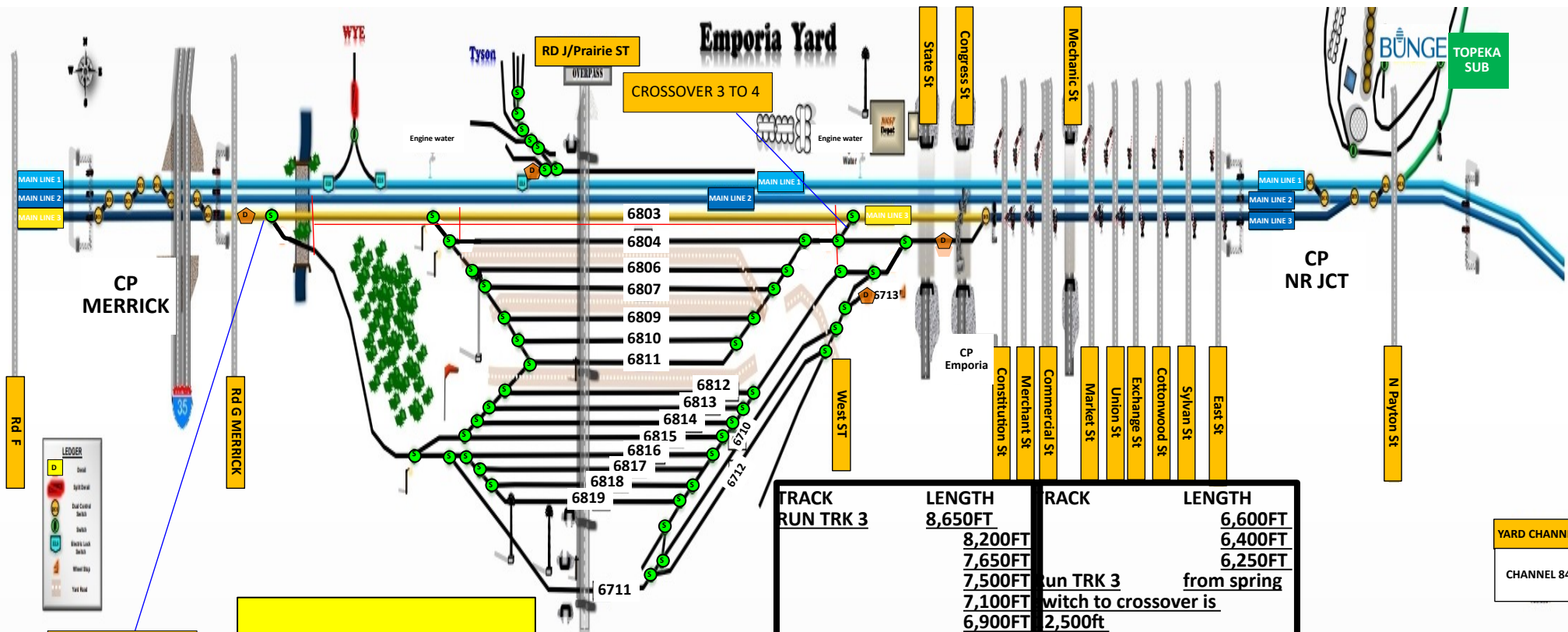
Monoflo





Emporia Sub

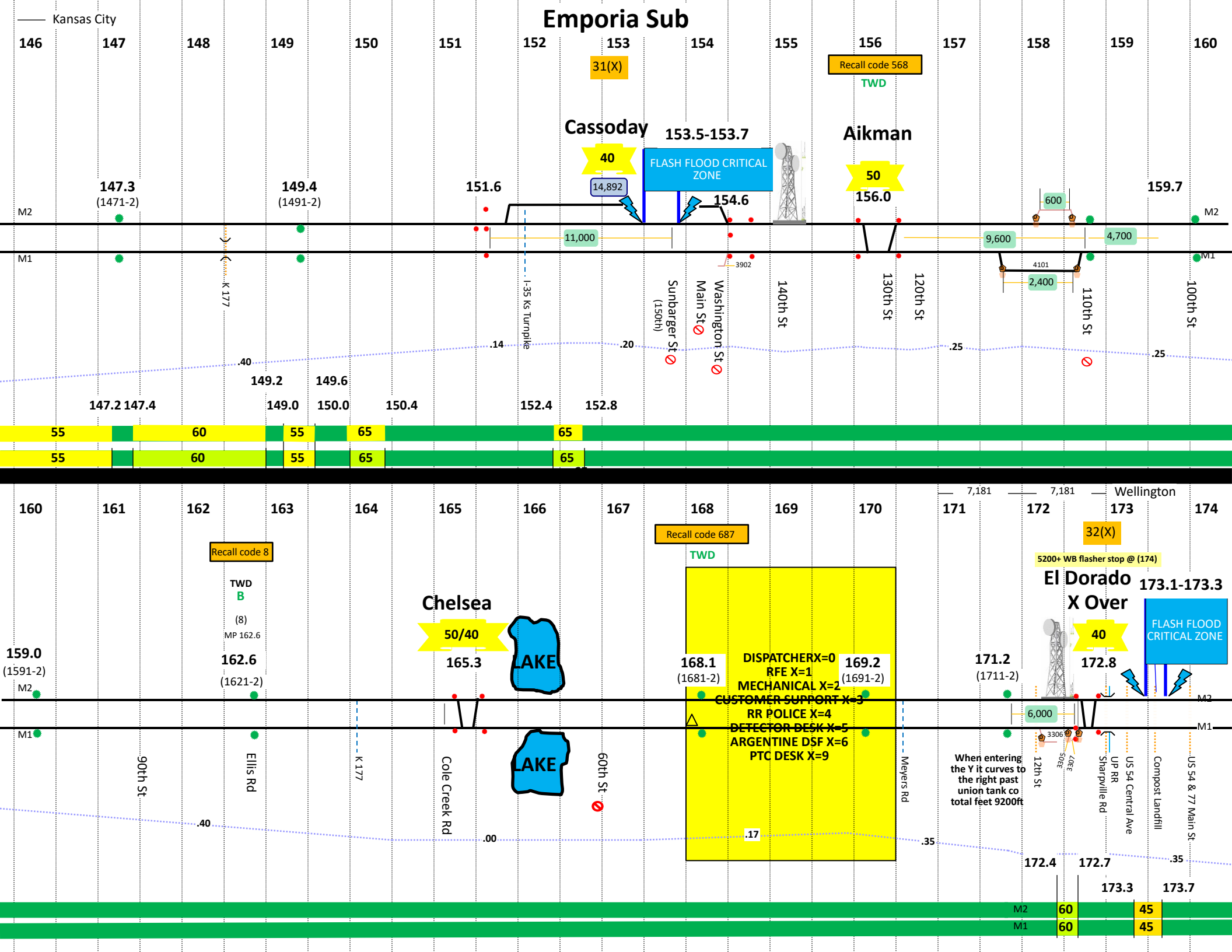




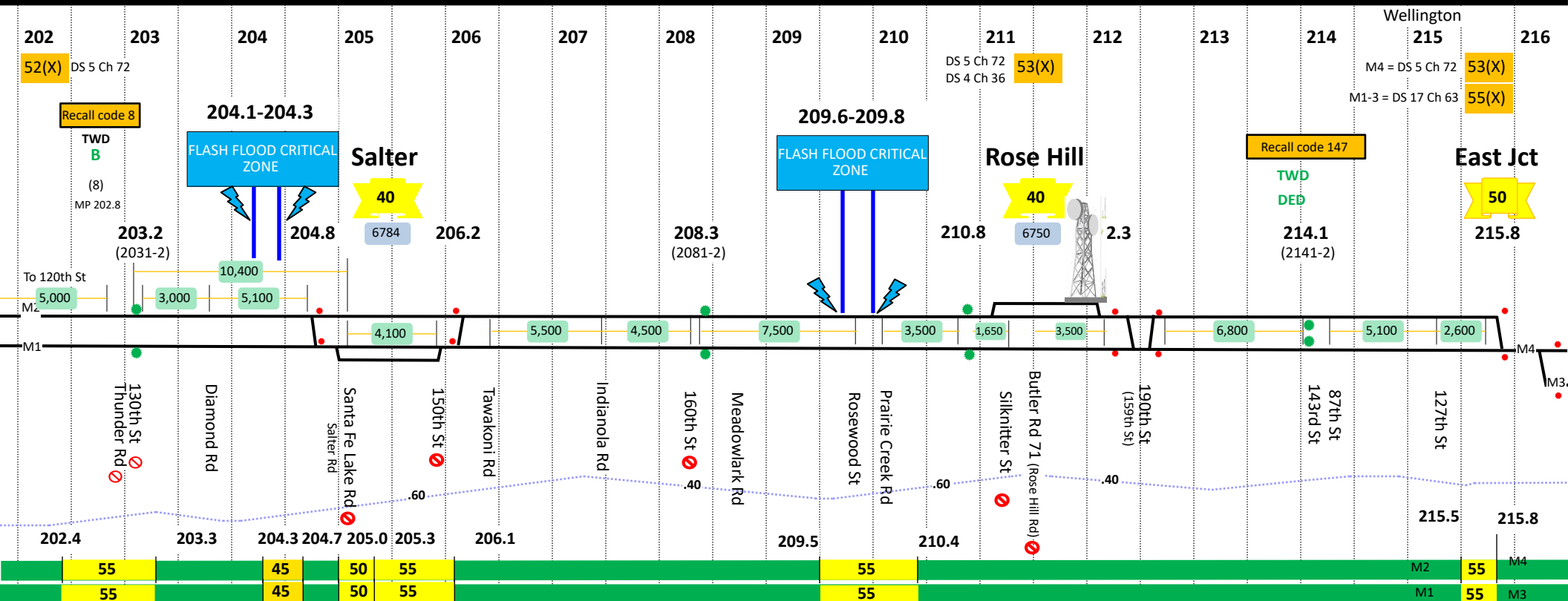
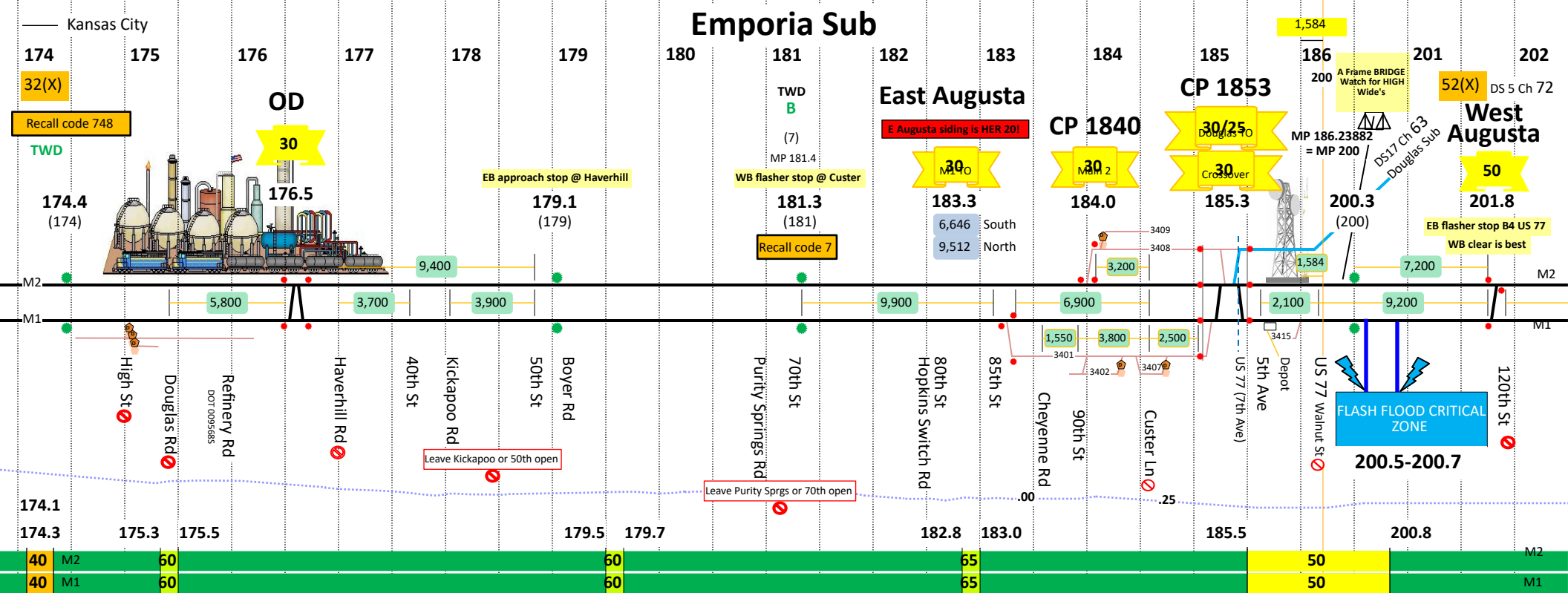
DISPATCHERX=0
RFE X=1
MECHANICAL X=2
CUSTOMER SUPPORT X=3
RR POLICE X=4
DETECTOR DESK X=5
ARGENTINE DSF X=6
PTC DESK X=9

TRACK	LENGTH	RACK	LENGTH
RUN TRK 3	8,650FT		6,600FT
	8,200FT		6,400FT
	7,650FT		6,250FT
	7,500FT	Run TRK 3	from spring
	7,100FT	switch to crossover is	
	6,900FT	Run TRK 3 2nd switch to	
	6,750FT	crossover is 8,650ft to	
	6,950FT	crossover	
	6,950FT		
	6,950FT		
	6,800FT		

YARD CHANNEL
 CHANNEL 84

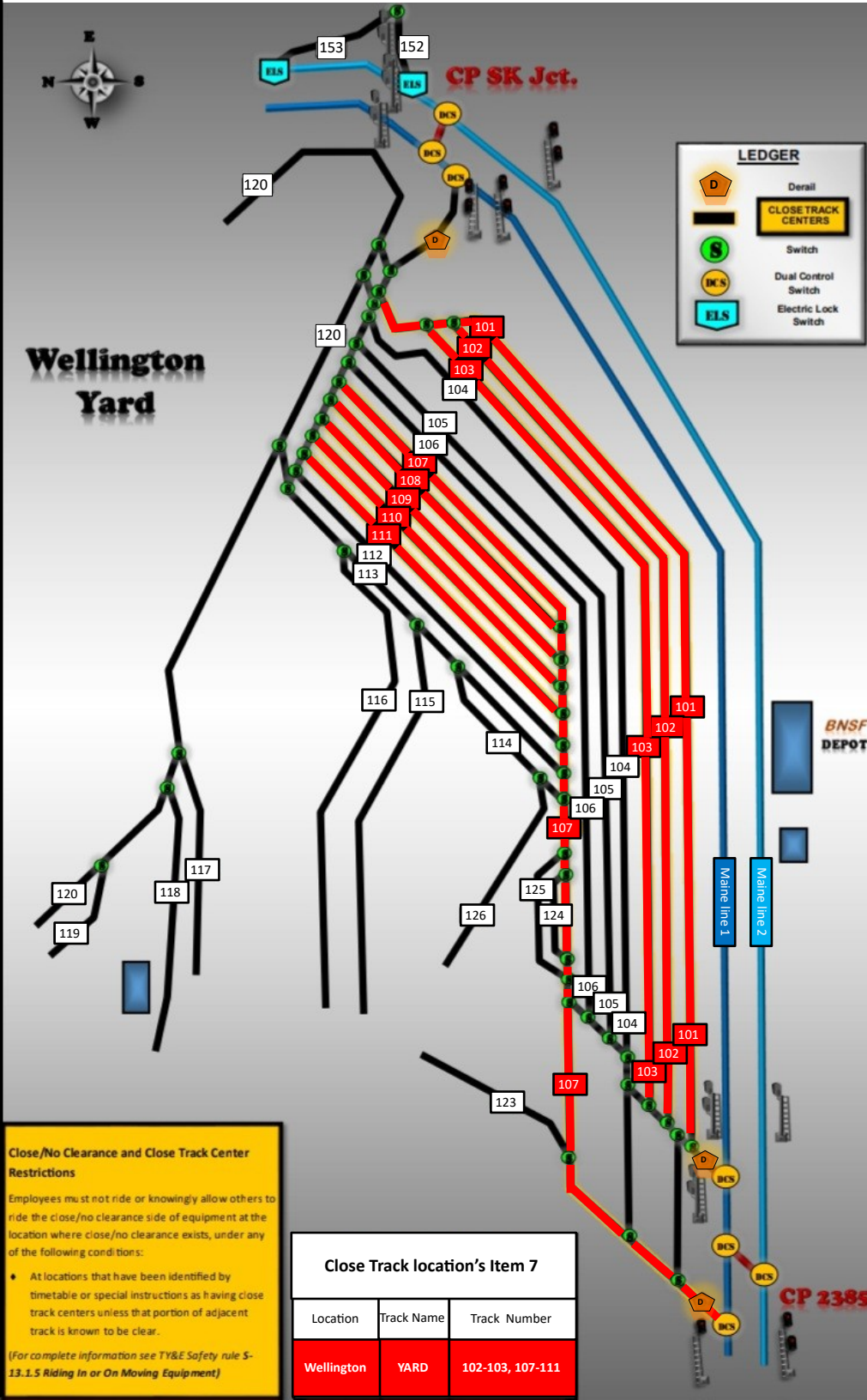


Emporia Sub



YARD TRACK AND LENGTH

TRACK	LENGTH
0101	6,050FT
0102	5,850FT
0103	5,650FT
0104	5,500FT
0105	5,150FT
0106	5,000FT
0107	7,130FT
0108	2,000FT
0109	2,000FT
0110	2,000FT
0111	2,000FT
0112	2,000FT
0113	2,350FT
0114	1,200FT
0115	2,200FT
0116	2,370FT
0117	1,730FT
0118	1,015FT
0119	750FT
0120	6,450FT
0121	1,000FT
0122	1,000FT
0123	1,170FT
0124	400FT
0125	670FT
0126	1,020FT



Close/No Clearance and Close Track Center Restrictions

Employees must not ride or knowingly allow others to ride the close/no clearance side of equipment at the location where close/no clearance exists, under any of the following conditions:

- At locations that have been identified by timetable or special instructions as having close track centers unless that portion of adjacent track is known to be clear.

(For complete information see TY&E Safety rule S-13.1.5 Riding In or On Moving Equipment)

Close Track location's Item 7

Location	Track Name	Track Number
Wellington	YARD	102-103, 107-111

DISPATCHERX=0
 RFE X=1
 MECHANICAL X=2
 CUSTOMER SUPPORT X=3
 RR POLICE X=4
 DETECTOR DESK X=5
 ARGENTINE DSF X=6
 PTC DESK X=9

Wellington Yard



Radio Call-In

Radio Channel 084-028 in service Wellington Yard

**Radio Channel 072 in service
Wellington to Heman**

Wellington - 21
(X)

Sand Creek
Trainmaster
X=6

Harper - 22(X)

Attica - 23(X)

Alva - 24(X)

Waynoka - 14(X)

Emergency - Call 911

**Dispatcher X=0, Mechanical Desk X=2, Customer Support
X=3, Railroad Police X=4, Detector Desk X=5, Argentine
Diesel Servicing Facility X=6, PTC Desk X=9**

Dispatcher Information

**Wellington to
Heman**

817-867-7005

Fax 913-551-2405

CONTACT NUMBERS

Supt. Of Operations
Kansas West

806-341-1528

Div. Trainmaster
Wellington

Office 620-399-4291

Cell 620-705-1136

Road Foreman of
Engines

Office 620-399-4388

Cell 701-389-8443

BNSF Police ROC

1-800-832-5452

Emergency Numbers for TY&E families

System

1-800-964-9387

Safety Hotline Numbers

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Reporting Signal Problems

Telecom (Road
Signals)

817-593-4357

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Toll free number

1-800-539-0418

Company Line

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Reporting Numbers

VTR

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DISPATCHERX=0
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PTC DESK X=9

[TOC Home](#)

- All trains within or entering the tornado warning limits may proceed, prepared to stop when approaching bridges, culverts, or other points likely to be affected until relieved by the dispatcher. The train dispatcher must be advised immediately of damage or unexpected conditions.
- The train dispatcher must restrict trains as prescribed in the second bullet, until an inspection has been completed by division employees or all of the limits of the tornado warning have been traversed by a train and it is confirmed by the train crew(s) that no damage or unexpected conditions were observed.

Cold Weather Restrictions:

The correlations that exist between rail service failures, temperature, train axle load, track and equipment conditions, and train speed are complex and involve many factors including equipment and track component design and material properties, their relative wear conditions, and the rail/wheel interaction for various traffic mixes and operating conditions.

In order to maximize safety with regard to extreme temperatures and temperature changes, rail laying temperatures and weather extremities across our railroad have been considered. In that effort, the railroad has been divided into two regions as follows:

Region 1 contains the following divisions:

California	All subdivisions
Chicago	Beardstown and Yates City subdivisions
Heartland	Afton, Amory, Birmingham, Cherokee, Cuba, Ft. Scott, Hannibal, River, Thayer North, and Thayer South subdivisions
Kansas	Arkansas City, Douglass, Emporia, Hereford, La Junta, Panhandle, Strong City, and Topeka subdivisions
Montana	Kootenai River subdivision from MP 44.0 to Sandpoint Jct only
Northwest	All subdivisions
Red River	All subdivisions
Southwest	All subdivisions

Region 2 contains the following divisions:

Chicago	All subdivisions excluding Beardstown and Yates City
Heartland	Bayard, Council Bluffs, Creston, Napier, Omaha, and St. Joseph subdivisions
Kansas	Boise City, Dalhart, and Twin Peaks subdivisions
Montana	All subdivisions excluding that part of Kootenai River subdivision from MP 44.0 to Sandpoint Jct
Powder River	All subdivisions
Twin Cities	All subdivisions

Cold Weather Train Speeds:

The Engineering Department has identified two factors which require Cold Weather Train Speeds—Low Temperature Threshold and Temperature Differential Threshold, as follows:

Low Temperature Threshold:

In Region 1, this threshold is 0 degrees Fahrenheit.

In Region 2, this threshold is -20 degrees Fahrenheit.

Unless further restricted by individual subdivision Special Instructions, be governed by the following:

When ambient (air) temperature drops below the Low Temperature Threshold trains must not exceed the following speeds:

In non-signaled territory:
40 MPH for all trains.

In block signal system limits:

Trains 100 tons per operative brake and greater.	40 MPH
Key trains	
Trains less than 100 tons per operative brake.	50 MPH
Passenger trains, Z-symbol intermodal trains, or single level loaded intermodal trains.	65 MPH

If in doubt as to the temperature, contact the train dispatcher. Notify the train dispatcher when your train is restricted due to this requirement.

These restrictions remain in effect until the ambient (air) temperatures rise above the Low Temperature Threshold.

Temperature Differential Threshold:

In Region 1, this is any temperature of 50 degrees Fahrenheit or warmer that falls to 10 degrees Fahrenheit or colder within 24 hours.

In Region 2, this is any temperature of 40 degrees Fahrenheit or warmer that falls to 0 degrees Fahrenheit or colder within 24 hours.

The train dispatcher will make notification to trains that temperature has exceeded the Temperature Differential Threshold. When so notified, trains must observe Cold Weather Train Speeds, by Region, as shown above. The Engineering Department will perform a track inspection, reporting results to the train dispatcher. If no further restrictions result from the track inspection, the train dispatcher will verbally notify the trains affected.

Be aware that Cold Weather Train Speeds may still be required due to Low Temperature Threshold. In other words, once track inspection is completed following a Temperature Differential Threshold, the ambient (air) temperature may still be below the Low Temperature Threshold, requiring that Cold Weather Train Speeds must still be observed.

However, if the ambient (air) temperature is above the Low Temperature Threshold and no further restrictions resulted from track inspections, observance of Cold Weather Train Speeds is not required.

Determining Ambient Temperature

When referring to a subdivision timetable for extreme air temperature operating instructions, be governed by the following:

- Ambient air temperature readings may be obtained by train crews utilizing any local means available such as field personnel, track side warning detectors, yardmasters, temperature displays from such sources as banks, etc.
- When unable to determine the ambient air temperature utilizing local methods, contact the train dispatcher who will determine ambient air temperature at the closest available location utilizing the AccuWeather website or other available means.

Earthquake Instructions

When an earthquake is reported, the train dispatcher will do the following: (See Decision Table, next column)

1. If the magnitude or epicenter are unknown, instruct all trains within 150 miles of the reporting location to "proceed at Restricted Speed due to earthquake conditions." An acknowledgment must be obtained from each train or engine receiving these instructions.

[TOC Home](#)

1. Speeds

All speeds are subject to modification by speed restrictions indicated in timetable individual subdivision special instructions.

Passenger trains will be governed by permanent freight train speed if permanent passenger train speed is not specified under timetable individual subdivision special instructions. All temporary Form A Restrictions affecting a Passenger Train will have a speed or "NA" listed in the PSGR column. "NA" in either the PSGR or FRT column of a temporary Form A speed restriction indicates the speed restriction does not apply to that train type.

All trains consisting entirely of passenger equipment as well as locomotives without cars (light engines) will be considered passenger trains and may operate at passenger speeds where provided. This includes Amtrak, commuter trains, business cars and passenger equipment modified to serve as track inspection, track geometry or similar test cars. Refer to 1(B) regarding maximum authorized speed of engines (locomotives).

Amtrak trains operating in Cascade service may observe Talgo speeds. The consist must be entirely Horizon and/or Amfleet Single Level Passenger Equipment. If the PTC Onboard Consist does not reflect the correct train type, crews may modify their consist to "Tilt" Train Type.

Unless defined differently in the timetable individual subdivision special instruction, tons per operative brake (TOB) is defined as the gross trailing tonnage of the train divided by the total number of control valves.

	MPH
Freight trains under 100 TOB	60
Freight trains 100 TOB and over	45
Freight trains handling empty cars	55
Exception: Intermodal Equipment, see SSI 1(C)	
Empty coal trains (if train list indicates no speed restricted equipment)	60
Key trains	50
Solid consist of military equipment	55
Trains with welded rail loaded in open end gondolas	45
Non-signaled territory	49
Against the current of traffic	49
Through turnouts	10
Tracks governed by GCOR / MWOR 6.28	10
Tracks governed by GCOR / MWOR 6.28 where timetable indicates a speed greater than 20 MPH	20
Within Mechanical Department limits	5
Movements on or off turntables and droptables	1

Foreign railroad locomotives - Speed restrictions posted inside the locomotive cab of foreign railroad locomotives which are less than that listed above only apply when locomotive is utilized as a lead, controlling locomotive.

Equipment	Main	Branch
Side dump ballast cars, BNSF car kind YHA and YHH, loaded	45	45
AMTK 1400-1569 (material handling cars)	60	60
Balfour Beatty machines, RKCX 103, 104, 105, 106, 467, 476, 3005	45	45
Boeing cars, loaded: BNSF 800100-800107, 800111-800113, 800115, 800117, 800119, 800124-800127, 800129, 800133 MTTX 978311, 978596, 978644, 978781, 979162, 979264, 980855, 980917, 981218 TBCX 737001-737066	45	45
Clay cars, RARW 3801-4199	45	45
Flatcars, empty, NP 580400-580739	50	50
Flatcars, empty, bulkhead wallboard: BN 616475-616674, CS 616375-616474 DJTX 9300-9398, SOU 115250-115274	45	45
Flatcars, empty, bulkhead, Picked up enroute and not on conductor's wheel report or work order	45	45
Flatcars, empty or loaded, OTTX 93561, 97852, 97861, 97914, 97920	45	45
Flatcars, loaded with track panels, ATSF 190298, 209144, 209149	35	35
Gondolas, empty, KCS 801011-802930, CR 576026-579245	45	45
Gondolas, empty, Picked up enroute and not on conductor's wheel report or work order	50	50
Gondolas, empty or loaded, PC 598500-598999 CR 598500-598990, SP 345000-345699	45	45
Herzog clip cars, HZGX 153, 154, 155	50	50
Herzog MPM Machines, designated to be placed next ahead of caboose or at rear of cabooseseless trains.	55	55
Hopper cars, covered, empty, (unless no speed restriction is indicated by train documentation) ASGX 1-50, LCEX 801-820, BCAX 50-149, LCEX 824-898, CGLX 4200-4249, NAHX 21000-21054, CRDX 3000-3014, NAHX 29700-29867, CRDX 9905-9989, NAHX 320000-320399, CRDX 9755-9904, NCUX 20001-20050, CRDX 20100-20199, NCUX 20106-20130, CRDX 20200-20209, NRLX 32500-32605, CRDX 20300-20324, NRLX 32706-32725, CRDX 20525-20724, NVCX 9500-9619, CSXT 242000-242299, NS 294220-294319, DME 29000-29324, RG CX 650-899, DJLX 97300-97319, RG CX 902-1067, FLOX 3200-3241, RG CX 1069-1142, FLOX 983400-983414, RG CX 1183-1222, GACX 3000-3139, SDWX 9700-9919, GACX 3150-3196, SDWX 10000-10333, GACX 3202-3359, SDWX 11000, GACX 3486-3510, SHPX 432118-432137, GACX 7959-8008, SHPX 432057-432116, GCCX 55000-55099, WW 7001-7300	45	45

8 System Special Instructions—No. 4—December 1, 2023			
TOC Home			
Equipment	Main	Branch	
Hopper cars, empty, WFAQ 84654-84700 TUGX 36001-36125	45	45	
Loram, 400 and 300 series and Harsco rail grinder, traveling (not in work mode) as a train on its own power with a conductor or engineer pilot	50	50	
Loram, 400 series and Harsco rail grinder, when controlling movement from the rear control cab in the lead.	50	50	
Loram, 300 series rail grinder, when controlling movement from rear control cab in the lead	40	40	
Refer to manufacturer's maximum operating speeds when operating on descending grades.			
Loram, LMIX 409, 410, 412, 414, 415, 417, KMUX 110, 750	50	45	
Loram, LMIX 418, when moving coupled with MW tool cars, must remain coupled to such cars.			
No shoving movements are to be made with the above Loram equipment in a train consist.			
Loram, LMIX 203, 204	55	55	
No shoving movements are to be made with the above Loram equipment in a train consist.			
Ore cars, empty, 35 ft., OLB 1000-1099	50	50	
Ore cars, loaded, 35 ft., OLB 1000-1099	45	45	
P811, BNSF 922999	50	50	
Plasser machines,PACX 293, 2630, 2645, 3024,4656, 4657, 4774, 4775	45	45	
Plasser THS 2000, tie gang consist	30	30	
Plasser 08 & 09 Tampers, PTS 61, 62 & 90 Stabilizers, BDS 100 & 200 Ballast machines, MFS40 & 60 cars and ULS3000 conveyor cars (traveling in a train or under own power with a conductor or engineer pilot)	50	50	
Ribbon rail cars, empty (excluding BNSF 919900 - 919905)	45	45	
Ribbon rail cars, loaded (excluding BNSF 919900 - 919905)	35	25	
Ribbon rail loading and unloading cars	45	45	
Roadrailer equipment (empty or loaded)	60	60	
Rotary plow, wrecking derrick, locomotive crane, pile driver or Jordan spreader handled in trains	30	25	
Exception: Locomotive cranes/pile drivers with booms removed and secured to a leads car with the counterweight properly secured to the locomotive crane/pile drive car body, billed as empty car.	45	25	
Exception: Jordan spreader, BNSF 939800 - 939804	50	50	
Trains and engines handling this and similar equipment which is moving on its own running gear must operate through the curved side of turnouts at a speed not exceeding one-half the maximum authorized speed for that turnout.			
Locomotive cranes, wrecking derricks and other types of heavy work equipment must not be operated on any subdivision designated as a Branch Line unless authorized by roadmaster or covered by specific instructions.			

Equipment	Main	Branch	
Scale test cars Exception: cars listed below have a minimum gross weight of 100,000 lbs. and may move in any position in the train and at maximum authorized speed for which the train is qualified. BN 979020-979024, BN 979026, BNSF 979019, FGWX 100000-700000, MP 15507, MP 15510-15512, UP 167579, UP 900700, UP 903600, WWBX 199917-199919	35	25	
Schnabel type cars, empty. Cars must be handled on or near the rear of trains not exceeding 100 cars in length, must not be handled in trains requiring pusher service and must not be bumped or switched with motive power detached	45	45	
Exception: GEGX 21154, GEGX 21155, GEX 80000, GEX 80002, MAMX 1001	40	40	
Exception: KRL 3600, KRL 3601, GEX 80003, HEPX 200, PTDX 202	25	25	
Tank cars, ACFX 17451-17495, NATX 10841-10865	45	45	
Tank cars, DVLX 4001-4190, UTLX 76517, 76539, 76556, 76558, 76568, 76595, 76649, 76656, 76696, 76733, 76736-76738, 76742-76745, 76747, 76748, 76750, 76751, 78256-78269, 78272, 78274, 78278, 78281, 78285, 78287-78293, 78326, 78328-78333, 78336-78340, 78343, 78344, 78347, 78348, 78350, 78353	40	40	
Tank cars, empty, CORX	50	50	
Tank cars, loaded, CELX 6400-6455, 10400-10443 (must not be handled nearer than 6 cars from locomotive when loaded)	45	45	
Wedge plow or dozer, hauled in tow	35	25	

1(A). Control of Harmonic Rocking on Jointed Rail

Under certain conditions, operation of trains between 13 MPH and 21 MPH can cause derailments due to harmonic rocking of cars. Where specified by timetable individual subdivision special instructions or general order, the following restrictions apply when operating on jointed rail:

Freight trains, other than coal trains, ore trains, or trains consisting entirely of empty equipment, which cannot maintain a minimum speed of 21 MPH, must reduce speed to 13 MPH or less until movement can again exceed 21 MPH.

1(B). Maximum Speed of Passenger Trains/Engines

	MPH
Amtrak	90*
Metrolink	90*
Metra	79*
Sounder (Sound Transit)	79*
Northstar	79*
All other classes	70

Exception:
When the controlling locomotive is a car body type or has a desktop control stand and is being operated long hood forward, maximum speed is 45 MPH.

* Engine without cars must not exceed 70 MPH.

[TOC Home](#)

GCOR 6.20 Equipment Left on Main Track—A. Portion of Train Left on Main Track

That part reading:

- Set a sufficient number of hand brakes to keep the detached portion from moving.

Is changed to read:

- Secure a sufficient number of cars to keep the detached portion from moving.

GCOR 6.21.2 Water Above Rail—is changed as follows:

The 2nd paragraph is changed to read:

Operate engines at 5 MPH or less when water is above the top of the rail. If water is more than 3 inches above the top of the rail, the NOC Mechanical Help Desk must authorize the movement.

GCOR 6.21.3 Track Obstruction / Unusual Conditions—is changed to read:

When a train is advised in the words, “Between (location) and (location) be governed by Rule 6.21.3”, within the specified limits trains must:

- Not exceed 20 MPH HER, and
- Be prepared to stop for slides, rocks, washouts, debris or obstructions on the track.

Train crews are reminded to regulate speed where visibility is limited (ex. curvature of track, lighting, weather, etc.) and must report to the train dispatcher conditions encountered, or if none are encountered, within the limits.

GCOR 6.21.4—The following rule is added:

GCOR 6.21.4 Activation of Shifted Load or Dragging Equipment Detector

When a train or engine actuates a shifted load or dragging equipment detector, and an adjacent Main Track or controlled siding may be obstructed, immediately:

- Warn other trains by radio, stating the exact location and status of the train and repeat as necessary.
- Place lighted fuses on adjacent Main Tracks and controlled sidings.
- Notify the train dispatcher or control operator and, when possible, foreign line railroads if necessary.

Warning to other movements is no longer necessary when:

- It is known adjacent Main Tracks and controlled sidings are not obstructed.
- or
- The train dispatcher or control operator advises the crew that protection is provided on adjacent tracks.

Train on Adjacent Track

A train on an adjacent track that receives radio notification must pass the location specified at Restricted Speed and be prepared to stop for obstructions on the track. When advised that the track is clear and it is safe to proceed, this restriction no longer applies.

GCOR 6.22 Maintaining Control of Train or Engine—A new second paragraph is added:

When following a train or engine on a Main Track or controlled siding, crew members must ensure they stop at least 400 feet behind the train or engine, if length of train permits.

GCOR 6.23 Emergency Stop, Severe Slack Action, or Actuation of Shifted Load or Dragging Equipment Detector—the part titled “Inspection of Cars and Units” is changed to read:

Emergency Stop/Severe Slack Action:

Visual inspection must ensure no derailment or damage has occurred to cars, units, equipment or track to the end of the train.

Actuation of Shifted Load/Dragging Equipment Detector:

Shifted load or dragging equipment inspection requirements must be performed as outlined in the System Special Instructions.

If physical characteristics such as a bridge with no walkway prevent complete inspection, the train may be moved the distance necessary not exceeding 5 MPH to complete the inspection. Stop movement immediately if excessive power is required to start or keep the train moving and discontinue further inspection until a safe alternative to complete inspection is identified by either a job safety briefing or coordination through the train dispatcher.

Exception—The following trains (excluding key trains) are relieved of visual inspection required by emergency brake application if no severe slack action occurred while stopping and brake pipe pressure is restored as indicated by the caboose gauge, end-of train telemetry device (ETD) or distributed power telemetry:

- Solid loaded bulk commodity train,
- Train consisting entirely of doublestack and/or articulated spine car equipment,
- Any train where emergency application occurs above 20 MPH, or
- Any train that is 5000 tons or less.

Train types in the exception are relieved of further visual inspection after a defect is corrected, such as recoupling an air hose, and brake pipe pressure is restored as indicated by the caboose gauge, end-of-train telemetry device (ETD) or distributed power telemetry.

GCOR 6.26 Use of Multiple Main Tracks, Supplemental Instruction

Unless otherwise indicated in the individual subdivision special instructions, when using Main Tracks in westward or southward timetable direction, they will be numbered consecutively from right to left beginning from Main 1. When using in eastward or northward timetable direction, they will be numbered from left to right beginning with Main 1.

GCOR 6.29.1 Inspecting Passing Trains—“Ground Inspections” is changed to read:

Conducting Inspections

When a train is stopped and is met or passed by another train, a member of the crew must inspect the passing train. All crew members must remain alert and attentive while the inspection is being conducted.

If inspecting from the ground:

- Dismount equipment on the side opposite approaching train.
- Do not cross adjacent tracks solely for the purpose of inspecting a passing train.

Table No. 1 - 8(C) Non-Alarm Message

Type Detector	Non-Alarm Message	Train Crew Action	Additional Instructions
5(A) or 5(B)	When detector announces "...no defects", or when advised by signal maintainer or train dispatcher that there are no defects.	Proceed.	None
5(A)	"Integrity Failure"	Stop the train consistent with good train handling. Perform a rolling inspection not exceeding 5 MPH on both sides of the train without entering or traversing protected structure. If unable to stop before a portion of the train has entered or traversed the protected structure, perform a walking inspection of that portion that is on or has already traversed the structure and perform a rolling inspection for the remainder of the train.	Report integrity failure to train dispatcher.
5(A)	"Train Too Slow" with no alarm or Crew is notified by train dispatcher or signal maintainer that TWD is out of service.	Proceed.	None

[TOC Home](#)

5(B)	"Train Too Slow" or "Integrity Failure" or Crew is notified by train dispatcher or signal maintainer that TWD is out of service.	Proceed.	Report "Integrity Failure" to the train dispatcher unless "Train Too Slow" is transmitted in the same message. Then, no report to the train dispatcher is required.
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Table No. 2 - 8(C) Alarm Message

Type Detector	Alarm Message	Train Crew Action	Additional Instructions
5(B)	"You have a defect, dragging equipment near axle XXX" Or "You have a defect, First wide load right/left side near axle XXX" Or "You have a defect, Shifted load right/left side near axle XXX"	<ol style="list-style-type: none"> 1. As soon as message "...you have a defect" is transmitted, begin reducing train speed in preparation to stop and provide warning to other trains. Do not reduce speed below 20 MPH. 2. A post train alarm message will be transmitted summarizing defects detected followed by "Out". Stop immediately after post train alarm message is transmitted, or after the entire train has passed the detector if no post train alarm message is transmitted. 3. Inspect the indicated axle(s). If no post train alarm message is transmitted inspect entire train. 4. If no defect is found, inspect 12 axles forward and 12 axles to the rear of the indicated axle regardless of whether a defect is found before reaching the 12th axle. 5. Report findings to the train dispatcher. 6. When defective car(s) are set out or continue in train, notify the train dispatcher and Mechanical Help desk. 	<p>Detector post train alarm message may identify more than one defect. Inspect train for all reported defects before proceeding. If detector alarm message does not include axle designation, inspect both sides of entire train.</p> <p>If train is stopped on top of the detector, a post train alarm message will be transmitted summarizing defect(s) detected followed by "Out".</p> <p>Upon moving the train, defect detection will continue for the remainder of the consist. Additional defects may be identified and transmitted with invalid axle designation. Inspect both sides of the train from the last reported defect.</p>

5(A)	<p>"You have a defect, dragging equipment near axle XXX"</p> <p>Or</p> <p>"You have a defect, wide load right/left side near axle XXX"</p> <p>Or</p> <p>"You have a defect, shifted load right/left side near axle XXX".</p>	<ol style="list-style-type: none"> 1. As soon as message "...you have a defect" is transmitted, provide warning to other trains and stop immediately. 2. A post train alarm message will be transmitted summarizing defects detected followed by "Out". Inspect the indicated axle(s). If no post train alarm message is transmitted inspect entire train. 3. If no defect is found, inspect 12 axles forward and 12 axles to the rear of the indicated axle regardless of whether a defect is found before reaching the 12th axle. 4. Report findings to the train dispatcher. 5. When the defective car(s) are set out or continue in train, notify the train dispatcher and mechanical help desk. 	<p>Detector post train alarm message may identify more than one defect. Inspect train for all reported defects before proceeding. If detector alarm message does not include axle designation, inspect both sides of entire train.</p> <p>If train is stopped on top of the detector, a post train alarm message will be transmitted summarizing defect(s) detected followed by "Out".</p> <p>Upon moving the train, defect detection will continue for the remainder of the consist. Additional defects may be identified and transmitted with invalid axle designation. Inspect both sides of the train from the last reported defect.</p>
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[TOC Home](#)

5(A)	"Hot journal right/left side axle XXX".	<ol style="list-style-type: none"> 1. As soon as message "You have a defect" is transmitted, provide warning to other trains and stop immediately. 2. A post train alarm message will be transmitted summarizing defects detected followed by "Out". Inspect the indicated axle(s). If no post train alarm message is transmitted inspect entire train. 3. If no defect is found, inspect 12 axles forward and 12 axles to the rear of the indicated axle regardless of whether a defect is found before reaching the 12th axle. 4. Report findings to the train dispatcher. 5. When the defective car(s) are set out or continue in train, notify the train dispatcher and mechanical help desk. 	<p>Detector alarm message may identify more than one defect. Inspect train for all reported defects before proceeding.</p> <p>If detector alarm message does not include axle designation, inspect both sides of entire train.</p> <p>If train is stopped on top of the detector, a post train alarm message will be transmitted summarizing defect(s) detected followed by "Out".</p> <p>Upon moving the train, defect detection will continue for the remainder of the consist. Additional defects may be identified and transmitted with invalid axle designation. Inspect alarm side(s) of the train from the last reported defect(s).</p>
5(B)	"Hot journal right/left side axle XXX"	<ol style="list-style-type: none"> 1. As soon as message "...you have a defect" is transmitted, begin reducing train speed in preparation to stop and provide warning to other trains. Do not reduce speed below 20 MPH. 2. A post train alarm message will be transmitted summarizing defects detected followed by "Out". Stop immediately after the post train alarm message is transmitted or no alarm message is transmitted and the entire train has passed through the detector. 3. Contact NOC detector desk to initiate review of bearing profiles that caused alarm. If at any point before or during the inspection the NOC detector desk determines the stop to be invalid and releases the train, the inspection may be concluded. <p>Otherwise:</p> <ol style="list-style-type: none"> 4. Inspect the indicated axle(s). If no post train alarm message is transmitted inspect entire train 5. If no defect is found, inspect 12 axles forward and 12 axles to the rear of the indicated axle regardless of whether a defect is found before reaching the 12th axle. 6. Report findings to the train dispatcher. 7. When defective car(s) are set out or continue in train notify the train dispatcher and Mechanical Help Desk. 	<p>Detector post train alarm message may identify more than one defect. Unless released by the NOC detector desk, inspect train for all reported defects before proceeding.</p> <p>If detector alarm message does not include axle designation, inspect both sides of entire train.</p>

[TOC Home](#)

5(A) or 5(B)	"Excessive Alarms"	<ol style="list-style-type: none"> 1. Inspect the indicated axle(s). 2. If no defect is found, inspect 12 axles forward and 12 axles to the rear of the indicated axle regardless of whether a defect is found before reaching the 12th axle. 3. Inspect both sides of the remainder of the train from the last reported defect. 4. Report findings to the train dispatcher. 5. When defective car(s) are set out or continue in train, notify the train dispatcher and Mechanical Help desk. 	Unless released by the NOC detector desk, inspect train for all reported defects before proceeding.
5(A) *Special condition, preparing to stop.	Post train alarm message with "Train Too Slow" is Transmitted.	If train slowed below 20 MPH while crossing the detector in preparation to stop, follow train crew actions for announced alarm message.	Report "Train Too Slow" with alarm to Train Dispatcher.
5(A) or 5(B)	Post train alarm message with "Train Too Slow" is transmitted.	Inspect both sides of the entire train.	Report "Train Too Slow" with alarm to Train Dispatcher.

Table No. 3 - 8(C) Other Circumstances

Type Detector	Circumstance	Train Crew Action	Additional Instructions
5(B) - with recall code	No message or Incomplete message is transmitted.	<ol style="list-style-type: none"> 1. Enter recall code and be governed by message. 2. If still no message or incomplete message, proceed. 	Report no message or incomplete message to train dispatcher.
5(A) - with recall code	No message or Incomplete message is transmitted.	<ol style="list-style-type: none"> 1. Enter recall code and be governed by message. 2. If still no message or incomplete message, stop the train. 3. Make a walking inspection of both sides of entire train. 	Report no message or incomplete message to train dispatcher.
5(B) - without recall code	No message or Incomplete message is transmitted.	Proceed	Report no message or incomplete message to train dispatcher.
5(B) - Exception Reporting	No Message	Proceed	Do Not Report "No Message" to Train Dispatcher
5(B) - with recall code Exception Reporting	Incomplete Message is Transmitted	<ol style="list-style-type: none"> 1. Enter recall code and be governed by message. 2. If still no message or incomplete message, stop the train. 3. Make a walking inspection of both sides of train. 	Report incomplete message to train dispatcher.
5(B) - without recall code Exception Reporting	Incomplete Message is Transmitted	<ol style="list-style-type: none"> 1. Stop the train. 2. Make a walking inspection of both sides of entire train. 	Report incomplete message to train dispatcher.

Note: Detector message followed by the word "Out" indicates a complete message. Total axle count is not required for a complete message. If an alarm message is transmitted and it is not followed by the word "Out", the train will be governed by the Train Crew Action for that alarm message

ELEVATION IN FEET



Tons	Grade (%)												
	<0.25	0.25-0.49	0.50-0.74	0.75-0.99	1.00-1.24	1.25-1.49	1.50-1.74	1.75-1.99	2.00-2.24	2.25-2.49	2.50-2.74	2.75-2.99	≥3.00
<1,000	2	2	2	2	3	3	4	4	5	5	6	6	7
1,000-1,999	2	3	4	5	6	7	8	9	10	11	12	13	14
2,000-2,999	2	4	5	7	8	10	11	13	14	16	17	19	20
3,000-3,999	3	5	7	9	11	13	15	17	19	21	23	25	27
4,000-4,999	3	6	8	11	13	16	18	21	23	26	28	31	33
5,000-5,999	4	7	10	13	16	19	22	25	28	31	34	37	40
6,000-6,999	4	8	11	15	18	22	25	29	32	36	39	43	46
7,000-7,999	5	9	13	17	21	25	29	33	37	41	45	49	53
8,000-8,999	5	10	14	19	23	28	32	37	41	46	50	55	59
9,000-9,999	6	11	16	21	26	31	36	41	46	51	56	61	66
10,000-10,999	6	12	17	23	28	34	39	45	50	56	61	67	72
11,000-11,999	7	13	19	25	31	37	43	49	55	61	67	73	79
12,000-12,999	7	14	20	27	33	40	46	53	59	66	72	79	85
13,000-13,999	8	15	22	29	36	43	50	57	64	71	78	85	92
14,000-14,999	8	16	23	31	38	46	53	61	68	76	83	91	98
15,000-15,999	9	17	25	33	41	49	57	65	73	81	89	97	105
16,000-16,999	9	18	26	35	43	52	60	69	77	86	94	103	111
17,000-17,999	10	19	28	37	46	55	64	73	82	91	100	109	118
18,000-18,999	10	20	29	39	48	58	67	77	86	96	105	115	124
19,000-19,999	11	21	31	41	51	61	71	81	91	101	111	121	131
20,000-20,999	11	22	32	43	53	64	74	85	95	106	116	127	137
21,000-21,999	12	23	34	45	56	67	78	89	100	111	122	133	144
22,000-22,999	12	24	35	47	58	70	81	93	104	116	127	139	150
23,000-23,999	13	25	37	49	61	73	85	97	109	121	133	145	157
24,000-24,999	13	26	38	51	63	76	88	101	113	126	138	151	163

Tons	Grade (%)												
	<0.25	0.25-0.49	0.50-0.74	0.75-0.99	1.00-1.24	1.25-1.49	1.50-1.74	1.75-1.99	2.00-2.24	2.25-2.49	2.50-2.74	2.75-2.99	≥3.00
25,000-25,999	14	27	40	53	66	79	92	105	118	131	144	157	170
26,000-26,999	14	28	41	55	68	82	95	109	122	136	149	163	176
27,000-27,999	15	29	43	57	71	85	99	113	127	141	155	169	183
28,000-28,999	15	30	44	59	73	88	102	117	131	146	160	175	189
29,000-29,999	16	31	46	61	76	91	106	121	136	151	166	181	196
30,000-30,999	16	32	47	63	78	94	109	125	140	156	171	187	202
31,000-31,999	17	33	49	65	81	97	113	129	145	161	177	193	209
32,000-32,999	17	34	50	67	83	100	116	133	149	166	182	199	215
33,000-33,999	18	35	52	69	86	103	120	137	154	171	188	205	222
34,000-34,999	18	36	53	71	88	106	123	141	158	176	193	211	228
35,000-35,999	19	37	55	73	91	109	127	145	163	181	199	217	235
36,000-36,999	19	38	56	75	93	112	130	149	167	186	204	223	241
37,000-37,999	20	39	58	77	96	115	134	153	172	191	210	229	248
38,000-38,999	20	40	59	79	98	118	137	157	176	196	215	235	254
39,000-40,000	21	41	61	81	101	121	141	161	181	201	221	241	261

KEY TRAIN BRIEFING

-TONAGE AND LENGTH OF TRAIN OR TOTAL NUMBER OF CARS LEFT UNATTENDED _____
GRADE OF TRACK LOCATION INDICATED BY TIME TABLE GRADE CHART _____
WETHER EQUIPMENT SECURED LOCATED ON CURVE OR STRAIGHT TRACK _____
CURRENT WEATHER CONDITIONS _____
TOTAL NUMBER OF HAND BRAKES APPLIED _____
BOTH CONDUCTOR AND ENGINEER AGREE SECUREMENT REQUIREMENTS HAVE BEEN MET

FORM B FORM

CALLING FOREMAN IN CHARGE FORM B . COME IN THERE FOREMAN .

(NNEW). UNDERSTANDS FOREMAN IN CHARGE OF FORM B# .
ON THE EMPORIA SUB GIVES PERMISSION TO THE (NNEW) TO PASS YOUR RED FLAG AT
MP . WITHOUT STOPPING AND PROCEED THROUGH YOUR LIMITS AT
MAXIMUM AUTHORIZED SPEED ON Main BELLS AND WHISTLES FOR MEN AND EQUIPMENT
UNLESS OTHERWISE RESTRICTED OVER!

ADDITIONAL INFO FOR SPEED REQUIREMENTS AT MILE POST IF NEEDED BY FOREMAN

<u>MP</u>	<u>SPEED</u>	<u>.</u>
<u>MP</u>	<u>SPEED</u>	<u>.</u>

Stations

00/00 Turnout, Crossover Speed under/over TOB

00,000 Siding Length

Other Locations

- Important Messages
- Warnings!
- Miscellaneous Messages
- 00(X) Tone up

Track Grade

Flash flood zones

- 0.0 Speed Limits & MP, Green = Max
- Highway Overpass
 - Public Crossing at Grade
 - Highway Underpass
 - Avoid Blocking
 - Switch or Crossover #
 - Absolute Signal
 - Intermediate Signal

To assist in determining where to start sounding the whistle as described in Whistle Signal 7, use the following:

At the speed indicated in the left column, wait the time indicated in the right column before sounding the whistle.

40 MPH	3 seconds
35 MPH	6 seconds
30 MPH	10 seconds
25 MPH	16 seconds
20 MPH	25 seconds
15 MPH	40 seconds
10 MPH	1 minute 10 seconds

Legend

KEY TRAIN LIMITS
35MPH

MP1.8-MP42.0
35MPH

Heat Restrictions:

There are no heat restrictions on the Emporia Sub.

DISPATCHERX=0
RFE X=1
MECHANICAL X=2
CUSTOMER SUPPORT X=3
RR POLICE X=4
DETECTOR DESK X=5
ARGENTINE DSF X=6
PTC DESK X=9

Disclaimer: Chart drawn by human hands therefore the possibility of errors exist. In any uncertainty the latest timetable and general order shall govern. This Chart is **NOT** BNSF approved.

- 0,000 Distances Between Points. Footage based on locomotive counters, and Google Maps. Distance is total footage not train length spaces. Use this as only a reference point in determining stops.
- Grade Summit
- DED Dragging Equipment Detectors
- TWD B Trackside Warning Detector includes Type (A or B), direction, Recall (000), and location
- (000) MP 000.0
- Subdivision Chart Track
- Other Than main or siding track
- Other subdivision or Railroad track
- 00.0 Signal MP Location
- (00) Signal Number
- 000.0 Signal & direction with short view (on curves)
- Whistle Crossings (with names)
- Private Crossings (no names)
- 0,000 Short/Long Miles
- Derail
- RED FLAG

Last Revision: 05/01/24

Kansas Division:
Kansas Timetable No: 5
(Updates) 10/07/24

Emporia Subdivision:
General Order No. 37
Panhandle Subdivision:
General Order No. 26

Flash Flood Warning

MP10.6-MP12.0 MP60.6- MP60.8 MP14.2-MP15.8 MP72.4-MP72.6
MP21.6-MP21.8 MP77.7-MP78.1 MP29.1-MP29.5 MP104.7-MP105.0

MP14.2-MP15.8 MP72.4-MP72.6

MP31.0-MP31.3 MP118.0-MP118.2 MP50.5-MP50.7 MP126.2-MP126.4
MP53.8-MP54.0 MP173.1-MP173.3 MP200.5-MP200.7 MP153.5-MP153.7
MP204.1-MP204.3 MP209.6-MP209.8
MP228.3-MP228.5 MP232.0-MP233.5

DISPATCHER NUMBERS
DS3 (817)-867-7003
DS4 (817)-867-7004
DS5 (817)-867-7005
DS17 (817)-867-7017
DS104 (817)-867-7104
ACD (817)-352-2853
CHIEF TEXT LINE (817)-229-9334
CHIEF (817)-352-2511



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