

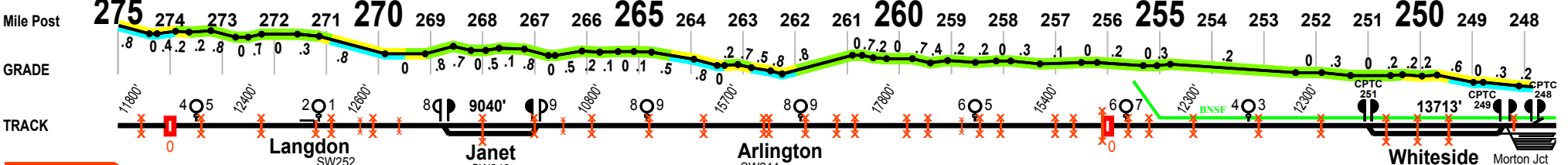
ALL Footages are UNVERIFIED

\*\* See Time Table

REFERENCE ONLY  
For Learning Purposes  
Mistakes Guaranteed

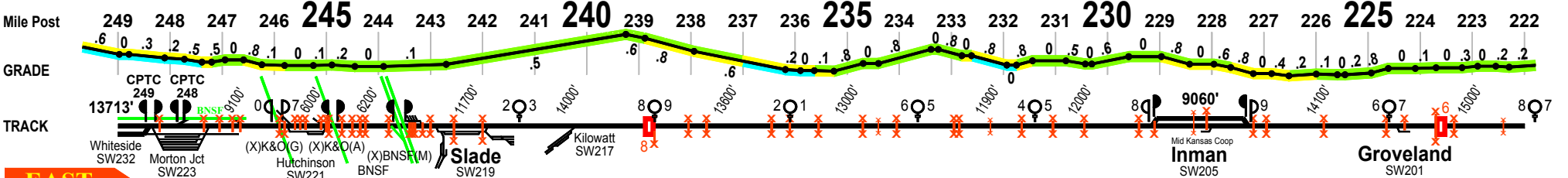
EAST

SPEED 70



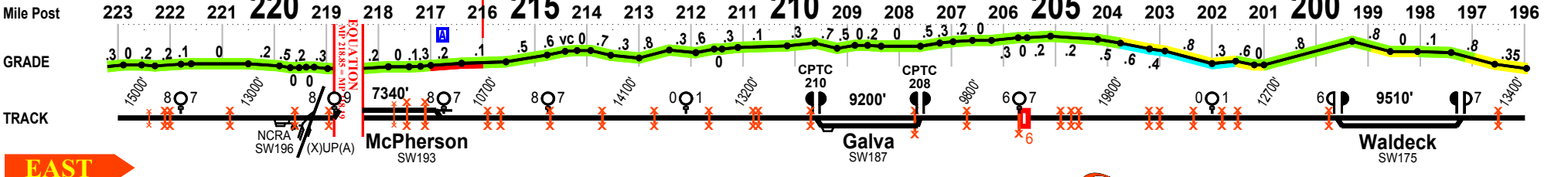
EAST

SPEED 70 30 70



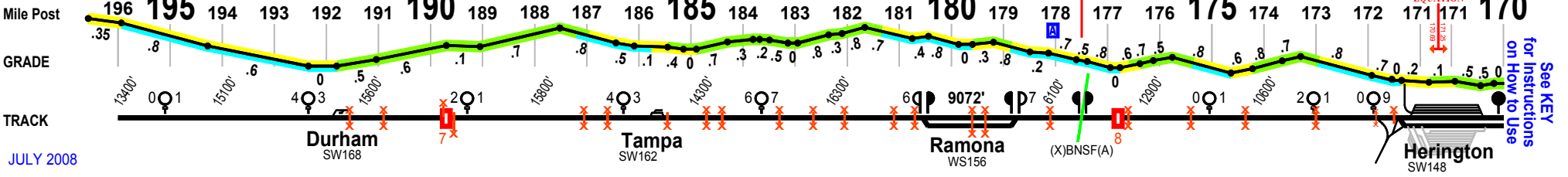
EAST

SPEED 70 50+ 70



EAST

SPEED 70 50(x) 60 40



See KEY  
for Instructions  
on How to Use

# Herington Sub

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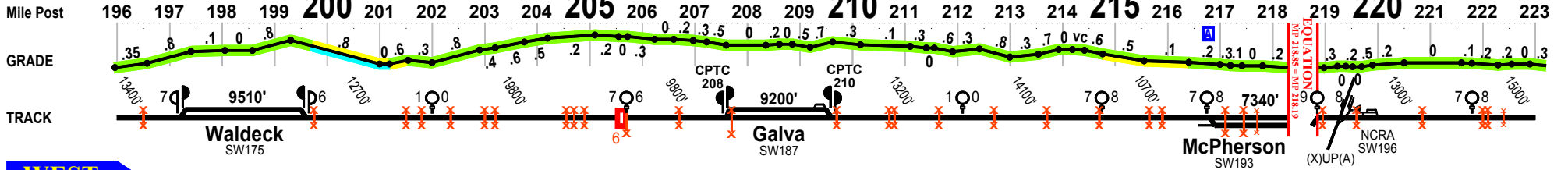
See KEY for Instructions on How to Use

ALL Footages are UNVERIFIED

JULY 2008

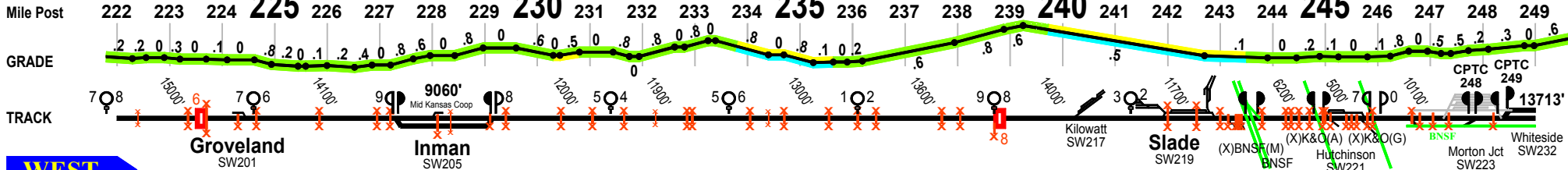
WEST

SPEED



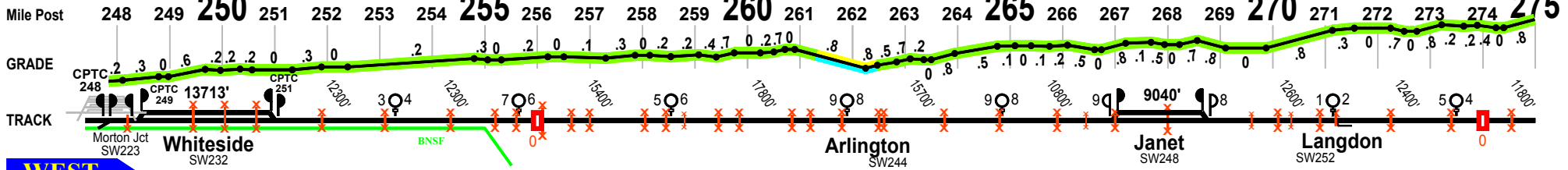
WEST

SPEED



WEST

SPEED



WEST

SPEED



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With your Help  
by way of feedback  
Reporting changes, corrections,  
and suggestions. Our goal is to  
Produce an accurate real world  
Chart, that will assist road crews  
with territorial knowledge

## EMPLOYEE DRIVEN

### Symbols Used

Detector Talker ( ALWAYS TALKS )  
Located at MP xxx.2

Detector talk on defect only  
Located at MP xxx.5

Private Road Crossing

Public Road Crossing

AEI Reader

Bridge

Yard Board  
Located at MP xxx.4

Tunnel

Knuckle Alley Watch your slack

Absolute Signal both directions

Directional Absolute Signal

Directional Absolute Signal

Intermediate Signal for both directions

Directional Intermediate Signal

Directional Intermediate Signal

Absolute Signal & Intermediate Signal

Intermediate Signal and Absolute Signal

SPEED CHANGE at MP xxx.2

Needs Verified

Road Crossing List Available at:  
\* UP Employee Home  
\* Departments  
\* Engineering  
\* Right of Way, Facilities and Maps  
\* Facilities Information And Maps  
\* Public Projects  
\* DOT Road Crossing Reports  
\* Summary list of DOTs

Don't Over Look the FILTERS.  
I use MAINLINE and ACTIVE.

**Special Note**  
The last digit for Intermediate signals designates  
Signals NUMBER, not LOCATION. They are  
for most parts the same, but may be up to 2500 feet different.  
This holds true for Detectors as well.

**REFERENCE ONLY**  
**For Learning Purposes**  
**Mistakes Guaranteed**

These are Grade & Speed Charts with a little extra  
Room limitations prevents more information.  
Went with priority order of:

SPEED - GRADE - DETECTORS - SIGNALS - TRACK - XINGS - FOOTAGE

# KEY to reading Mini Fog Charts

After 5 minutes of studying chart make up.  
Retrieving Territorial Data is fast and easy.

**Safety and Train Handling  
are the two most important  
issues these charts address**

## Train Handling Guide

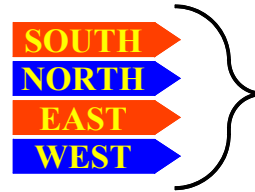
Following Grade Color Scheme used for suggested General Train Handling

**Throttle Modulation** **Dynamic Braking** **Automatic Braking** **Dynamic & Automatic Braking**

NOTE: No Two trains handle the same. This is a General Guide line only, and for a Green Light run. Common sense required.

- Throttle Modulation, you will be in power.
- Dynamics will probably be need.
- Dynamics and Air may be required.
- Automatic Brake application might be in order.
- Drifting, or light throttle or maybe light dynamics.
- You'll be in Dynamic, and might need air also. The grade is noticeable.
- Shot of air may be better than Dynamics if you missed your lag using throttle modulation.
- Grade Change point from 0.4 % to a 0.9 % grade

*In a Nut Shell  
If Grade Color changes  
be aware of Speed Issues*



### Direction

Charts are drawn for both Directions.  
Speeds, Footages, and Signal Numbers may differ.  
Grade will definitely be different. Up is now down, and vice versa.  
Good all around idea to use chart that corresponds to direction of travel.

### Be Aware of

- ✓ Signals are for ALL MAINS & Controlled SIDINGS unless so noted.
- ✓ Footage between signals is an about sort of deal, and Not Verified
- ✓ Grade numbers might not be shown when room is unavailable
- ✓ Grade is Averaged at times
- ✓ Changes are made often, only your feedback will keep charts current
- ✓ **This does not replace or supplement your time table; this is only reference material for learning.**

### Hints & Tips

- ✓ Printed double sided, charts fit one sheet per direction.
- ✓ When printing, select NONE for Page Scaling, and select Auto-Rotate and Center.
- ✓ Good for tracking SLOW ORDERS. Laminated, a Dry / Wet Marker works great.
- ✓ Working on Color in Low Visibility, knowing distance to next signal can be handy.
- ✓ Bright colored removable labels are great for notes. I like the round florescent orange ones. They grab your attention. I use for Radio Channel changes, slow orders, x orders etc.
- ✓ Add your own notes with a PDF editor

I hope you find charts helpful.  
For the most accurate charts possible,  
I will need to hear from you.  
That's how it works.

www.FOGCHART.com

*Jerry Kern*