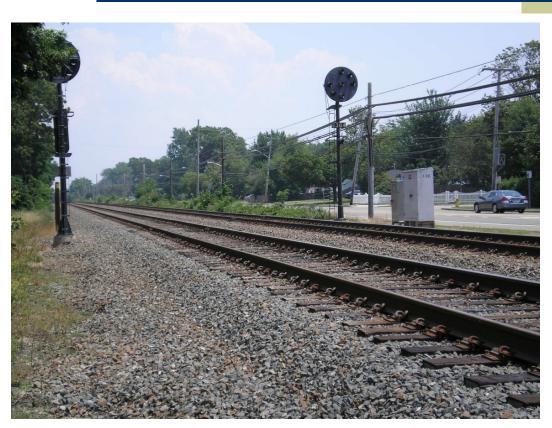
Hazardous Assessment Approach to Trespass Management –High Security Fence



- •Consideration of past incidents rolling 4 years
 - •Fatalities Accident and Suicides
 - •Trespass
 - Debris Strikes
- •Segmentation of entire system into 4 mile blocks
 - Branch and Mile Post
- Critical Nature of Data Collection
 - Daily transportation log
 - Police Reports
 - Public Affairs / Letters / Field Audits



Assigning the appropriate weight

•Fatality – Accidental 10 Points

•Fatality – Suicide 5 Points

•Debris Strikes 2 Points

•Trespass Reports 1 Point

Formula – for each segment FA(10) + FS(5) + DS(2) + TR = PS



Prioritization Algorithm Typical Resultant Priority Scale

| | | \vdash | | | | | | | | | | |
|----------|----------|--|-------------------------|-------|---------------|---------------------------|----------------|----|-------------------|---------|-------------|--|
| BRANCH | | ROW TASK FORCE - FENCING HAZARD MITIGATION PRIORITY SCALE (2008-20 | | | | | | | | | | |
| | | Fatal | Accidental and Undeterm | | Fatal Suicide | | Debris Strike | | Trespasser Report | | | |
| | | Hazaı | dous Scale per Incident | X10 | | X5 | | X2 | | | I = highest | |
| Mainline | MilePost | | | | | | | | | | IV = Lowest | |
| | 0-4 | | 3 | 30 | 2 | 10 | 5 | 10 | 22 | 72 | 1 | |
| | 4*8 | | 1 | 10 | 2 | 10 | 12 | 24 | 35 | 79 | 1 | |
| | 8*12 | | 0 | 0 | 0 | 0 | 10 | 20 | 9 | 29 | III | |
| | 12*16 | | 0 | 0 | 0 | 0 | 4 | 8 | 8 | 16 | IV | |
| | 16*20 | | 1 | 10 | 1 | 5 | 14 | 28 | 12 | 55 | II | |
| | 20*24 | | 1 | 10 | 1 | 5 | 12 | 24 | 16 | 55 | II | |
| | 24*28 | | 2 | 20 | 1 | 5 | 4 | 8 | 9 | 42 | II | |
| <u> </u> | 28*32 | | 0 | 0 | 1 | 5 | 5 | 10 | 10 | 25 | III | |
| | 32*36 | | 1 | 10 | 2 | 10 | 3 | 6 | 8 | 34 | III | |
| | 36*40 | | 1 | 10 | 1 | 5 | 5 | 10 | 19 | 44 | ll ll | |
| | 40*44 | | 6 | 60 | 4 | 20 | 17 | 34 | 21 | 135 | | |
| | 44*48 | | 1 | 10 | 0 | 0 | 2 | 4 | 3 | 17 | IV | |
| | 48*52 | | 0 | 0 | 0 | 0 | 6 | 12 | 0 | 12 | IV | |
| | 52*56 | | 0 | 0 | 0 | 0 | 3 | 6 | 4 | 10 | IV | |
| | 56*60 | | 0 | 0 | 0 | 0 | 2 | 4 | 0 | 4 | IV | |
| | 60*64 | | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 3 | IV | |
| | 64*68 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | IV | |
| | 68*72 | | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 3 | IV | |
| | 72*76 | | 0 | 0 | 0 | 0 | 4 | 8 | 0 | 8 | IV | |
| | 76*80 | | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 3 | IV | |
| _ | 80*84 | | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | IV | |
| | 84*88 | | 1 | 10 | 0 | 0 | 0 | 0 | 0 | 10 | IV | |
| _ | 88*92 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | IV | |
| | 92*95 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | IV | |
| Level 1 | >60 | \vdash | Level III | 21-40 | | | Reduced 1 Leve | l | | Reduced | d 2 Levels | |
| Level II | 41-60 | | Level IV | 0-20 | | Increased 1 Level Reduced | | | | | | |

Typical Resultant Priority Scale – Now What?

Level I > 60

Level II 41-60

Level III 21-40

Level IV 0-20



- •Within the 4 mile section of Level I
 - Areas of greater concern
 - •Schools
 - Parks
 - •Frequent Breach
 - •Homeless
 - •Graffiti
 - •Gathering points trails –etc.



Fencing Strategies

- •3rd Party Access Agreements
- Municipal Agreements
- •Grants Homeland Security
- •Target Hardening
- •Single or Both Sides
- •Channelization at Xings
- •Emergency Response and Maintenance Access Points.



Prioritization Algorithm Consensus Building - Expectations

- Aesthetics vs. Safety
- Emergency Access
- Emergency Egress
- •Maintenance Int./Ext.
- •ROW Clearance!







Bayport barrier battle

Residents and local leaders decry LIRR fence

Toggg and the lance's equalities to each productions away that the tracks.

1 of 2 Fire Department has

tra governments by the entrol frame incidents. or water all one in

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divide our continuity even more ... by parting this up to the Hangingues—you would use that England soid task for of the Export Pre-Department echang the sout muchs of followings dents

Although Stevens could just speak or heinalf of the fire deportment; in more vicus interstee Fire Chief Jofg/D Anti-tor was upon with the MTA's failure to formally meet, with the firm done trount algor fine filth bound pack, both the community of the co

pur notices in the paid paid was of the neighbours. Deaffur single to give in a Single to give in the factor and find that conjustic sultan come the primit cuttering in the prim

Officials Seek Injunction To Halt Construction Of Fence

"It looks like the Bertin Watt."



"It Josés Ble, the Berlin Wall." The "hy-the High Town Committhean Clarks Bedlain said about the new eight-fiver chain fink, burrier that the Long labad Rall Road is positing up in Hospoor. Boddas said the wall "cance and rith be five," this to notice from the LHRI and that it apprearance is meightly. "In world ways a took," he said. I be I am all methy is mader correct considered in Lucksey involve and directly

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Prioritization Algorithm Final Thoughts – Thank You

