

# MFSE - SAFETY CONCERNS

PROTECTION  
NEEDED

DIVISION	LINE	RUN	LOCATION	MP	MP	TRACK	MAS	Distance to Clear in 15 sec.	CONCERN	WP	AW	FP	REMEDY
CTD	MFSE	7	West of 69th Street	-0.20	0.00	#1 Loop	10	225	LINE of SIGHT. BLIND CURVE. NOISE REVERSE RUNNING PROTECTION	1	1	-	TAW - ADVANCE WATCHMEN - will post and the West end of #1 platform and #2/#3 platform respectively where he can see in both directions and watch for trains in either direction
CTD	MFSE	7	West of 69th Street	-0.20	0.00	#2 Loop	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	1	-	TAW - ADVANCE WATCHMEN - will post and the West end of #1 platform and #2/#3 platform respectively where he can see in both directions and watch for trains in either direction
CTD	MFSE	7	West of 69th Street #3 & #7 Switch	-0.20	0.15	#1 Loop	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION WHEN INSPECTING #5 & #7 SWITCH	1	1	-	TAW - will post behind SS-4 cable box which is west of #5 switch on field side track #1 with clear view to the east end of #1 Station Track
CTD	MFSE	DSI	West of 69th Street #3 & #1E Switch	-0.20	0.15	#2 WB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION WHEN INSPECTING #3 & #1E SWITCH	1	1	-	TAW - will post at SEPTA manhole between 2 Loop track & 2 yard feed with clear view of the east end of #2 Platform
CTD	MFSE	DSI	West of 69th Street #1W Switch	-0.20	0.15	#1 WB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION WHEN INSPECTING #1W SWITCH	1	1	-	TAW - will post between 1 & 2 track at the apex of the curve entering and exiting the yard with clear view of 1 & 2 Platform tracks
CTD	MFSE	7	69th Street Station	0.00	0.15	#1 WB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION. DIFFICULT EGRESS in STATION LIMITS	1	1	-	TAW - ADVANCE WATCHMEN - will post and the West end of #1 platform and #2/#3 platform respectively where he can see in both directions and watch for trains in either direction
CTD	MFSE	7	69th Street Station	0.00	0.15	#2 EB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION. DIFFICULT EGRESS in STATION LIMITS	1	1	-	TAW - ADVANCE WATCHMEN - will post and the West end of #1 platform and #2/#3 platform respectively where he can see in both directions and watch for trains in either direction
CTD	MFSE	7	69th Street Station	0.00	0.15	#3 EB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION. DIFFICULT EGRESS in STATION LIMITS	1	1	-	TAW - ADVANCE WATCHMEN - will post and the West end of #1 platform and #2/#3 platform respectively where he can see in both directions and watch for trains in either direction
CTD	MFSE	7	East of 69th Street	0.40	0.45	#1 WB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	1	-	TAW - ADVANCE WATCHMEN - will post at the East end of #1 platform and East of #13 switch where he can see in both directions and watch for trains in either direction
CTD	MFSE	7	East of 69th Street	0.40	0.45	#2 EB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	1	-	TAW - ADVANCE WATCHMEN - will post at the East end of #1 platform and East of #13 switch where he can see in both directions and watch for trains in either direction

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DIVISION	LINE	RUN	LOCATION	MP	MP	TRACK	MAS	Distance to Clear in 15 sec.	CONCERN	WP	AW	FP	REMEDY
CTD	MFSE	DSI	East of 69th Street #9 Switch	0.40	0.45	#2 EB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION WHEN INSPECTING #9 SWITCH	1		-	TAW - will post at field side of switch with clear view of 1 & 2 Platform and 1 & 2 track 770 feet to the east
CTD	MFSE	DSI	East of 69th Street #13W & 11E Switch	0.40	0.45	#2 EB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION WHEN INSPECTING #13W & 11E SWITCH	1		-	TAW - will post on the field side of #1 between the two switches with clear view to east end of 69th Platform and 1 & 2 track 800 feet to the east
CTD	MFSE	DSI	East of 69th Street #11W Switch	0.40	0.45	#1 WB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION WHEN INSPECTING #11W SWITCH	1		-	TAW - will post on the field side of switch with clear view to the east end of 69th Platform and 1 & 2 track 900 feet to the east
CTD	MFSE	DSI	East of 69th Street #13E Switch	0.40	0.45	#1 EB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION WHEN INSPECTING #13E SWITCH	1		-	TAW - will post at field side of switch with clear view to curve east of 69th Platform and 1 & 2 track 750 feet to the east
CTD	MFSE	7	West of Millbourne	0.50	0.75	#1 WB	105	765	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	1	-	TAW - ADVANCE WATCHMEN - will post at apex of curve and behind inspector where he can see in both directions and watch for trains in either direction
CTD	MFSE	7	West of Millbourne	0.50	0.74	#2 EB	105	765	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	1	-	TAW - ADVANCE WATCHMEN - will post at apex of curve and behind inspector where he can see in both directions and watch for trains in either direction
CTD	MFSE	7	Millbourne Station	0.70	0.75	#1 WB	55	1215	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION. DIFFICULT EGRESS in STATION LIMITS	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	7	Millbourne Station	0.70	0.75	#2 EB	55	1215	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION. DIFFICULT EGRESS in STATION LIMITS	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	7	East of Millbourne Station	0.75	0.80	#1 WB	55	1215	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	1	-	TAW - ADVANCE WATCHMEN - will post at the West end of the station and at the No Clearance sign east of the station where he can see in both directions and watch for trains in either direction
CTD	MFSE	7	East of Millbourne Station	0.75	0.80	#2 EB	55	1215	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	1	-	TAW - ADVANCE WATCHMEN - will post at the West end of the station and at the No Clearance sign east of the station where he can see in both directions and watch for trains in either direction

# MFSE - SAFETY CONCERNS

DIVISION	LINE	RUN	LOCATION	MP	MP	TRACK	MAS	Distance to Clear in 15 sec.	CONCERN	PROTECTION NEEDED			REMEDY
										WP	AW	FP	
CTD	MFSE	7	West of 63rd Street Station	0.80	1.10	#1 WB	20	435	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	1	-	TAW - ADVANCE WATCHMEN - will post at the West end of the station and at the No Clearance sign east of the station where the can see in both directions and watch for trains in either direction
CTD	MFSE	7	West of 63rd Street Station	0.80	1.10	#2 EB	20	435	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	1	-	TAW - ADVANCE WATCHMEN - will post at the West end of the station and at the No Clearance sign east of the station where the can see in both directions and watch for trains in either direction
CTD	MFSE	7	63rd Street Station	1.15	1.20	#1 WB	55	1215	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION. DIFFICULT EGRESS in STATION LIMITS	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	7	63rd Street Station	1.15	1.20	#2 EB	55	1215	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION. DIFFICULT EGRESS in STATION LIMITS	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	7	60th Street Station	1.30	1.11	#1 WB	55	1215	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION. DIFFICULT EGRESS in STATION LIMITS	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	7	60th Street Station	1.30	1.11	#2 EB	55	1215	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION. DIFFICULT EGRESS in STATION LIMITS	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	7	56th Street Station	1.75	1.80	#1 WB	55	1215	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION. DIFFICULT EGRESS in STATION LIMITS	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	7	56th Street Station	1.75	1.80	#2 EB	55	1215	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION. DIFFICULT EGRESS in STATION LIMITS	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	7	52nd Street Station	2.20	2.25	#1 WB	55	1215	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION. DIFFICULT EGRESS in STATION LIMITS	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	7	52nd Street Station	2.20	2.25	#2 EB	55	1215	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION. DIFFICULT EGRESS in STATION LIMITS	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.

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DIVISION	LINE	RUN	LOCATION	MP	MP	TRACK	MAS	Distance to Clear in 15 sec.	CONCERN	PROTECTION NEEDED			REMEDY
										WP	AW	FP	
CTD	MFSE	1	East of 46th Street (46th Street Curve)	2.80	2.85	#1 WB	55	1215	LINE OF SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will post between Col # 45/02 and Col # 45/04 where he can see in both directions and watch for trains in either direction
CTD	MFSE	1	East of 46th Street (46th Street Curve)	2.80	2.85	#2 EB	55	1215	LINE OF SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will post between Col # 45/02 and Col # 45/04 where he can see in both directions and watch for trains in either direction
CTD	MFSE	1	West of 40th Street (44th Street Portal Curve)	3.00	3.20	#1 WB	15	330	LINE OF SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will post at Col # 43/96 where he can see in both directions and watch for trains in either direction
CTD	MFSE	1	West of 40th Street (44th Street Portal Curve)	3.00	3.20	#2 EB	15	330	LINE OF SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will post at Col # 43/96 where he can see in both directions and watch for trains in either direction
CTD	MFSE	1	West of 40th Street (42nd Street Curve)	3.25	3.11	#1 WB	25	555	LINE OF SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will post at Col # 42/30 where he can see in both directions and watch for trains in either direction
CTD	MFSE	1	West of 40th Street (42nd Street Curve)	3.25	3.11	#2 EB	25	555	LINE OF SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will post at Col # 42/30 where he can see in both directions and watch for trains in either direction
CTD	MFSE	1	40th Street Station	3.45	3.55	#1 WB	55	1215	DIFFICULT EGRESS in STATION LIMITS and CONTACT RAIL between tracks.	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	1	40th Street Station	3.45	3.55	#2 EB	55	1215	DIFFICULT EGRESS in STATION LIMITS and CONTACT RAIL between tracks.	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	1	34th Street Station (Island Platform)	3.90	4.05	#1 WB	55	1215	LINE OF SIGHT	1	-	-	TAW - will post where he can see in both directions and watch for trains in either direction
CTD	MFSE	1	34th Street Station (Island Platform)	3.90	4.05	#2 EB	55	1215	LINE OF SIGHT	1	-	-	TAW - will post where he can see in both directions and watch for trains in either direction

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PROTECTION NEEDED													
DIVISION	LINE	RUN	LOCATION	MP	MP	TRACK	MAS	Distance to Clear in 15 sec.	CONCERN	WP	AW	FP	REMEDY
CTD	MFSE	3	30th Street Station (Island Platform)	4.11	4.45	#1 WB	55	1215	LINE of SIGHT. CROSSOVER West of Station	1	-	-	TAW - will post where he can see in both directions and watch for trains in either direction
CTD	MFSE	3	30th Street Station (Island Platform)	4.11	4.45	#2 EB	55	1215	LINE of SIGHT. CROSSOVER West of Station	1	-	-	TAW - will post where he can see in both directions and watch for trains in either direction
CTD	MFSE	3	East of 30th Street to 22nd Street (Schuykill River)	4.50	4.60	#1 WB	55	1215	LINE of SIGHT. BLIND VERTICAL CURVE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will post where he can see in both directions and watch for trains in either direction
CTD	MFSE	3	East of 30th Street to 22nd Street (Schuykill River)	4.50	4.60	#2 EB	55	1215	LINE of SIGHT. BLIND VERTICAL CURVE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will post where he can see in both directions and watch for trains in either direction
CTD	MFSE	3	15th Street Station	5.40	5.50	#1 WB	55	1215	DIFFICULT EGRESS in STATION LIMITS and CONTACT RAIL between tracks. CROSSOVER West of Station	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	3	15th Street Station	5.40	5.50	#2 EB	55	1215	DIFFICULT EGRESS in STATION LIMITS and CONTACT RAIL between tracks. CROSSOVER West of Station	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	1	East of 2nd Street	6.60	6.70	#1 WB	20	435	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	-	-	1	WORK ZONE must be requested and considered the minimal level of protection required to inspect the tracks in this area. "A" board must be placed at the Portal, PTS placed at the West end of the curve. IN GAGE Stop sign placed at the West end of the curve and the Resume placed at the West end of 2nd Street.
CTD	MFSE	1	East of 2nd Street	6.60	6.70	#2 EB	20	435	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	-	-	1	WORK ZONE must be requested and considered the minimal level of protection required to inspect the tracks in this area. "A" board must be placed West of 2nd Street, PTS placed at the West end of the curve, IN GAGE Stop sign placed at the East end of the curve and the Resume placed at the portal.
CTD	MFSE	1	West of Spring Garden (Portal to Switch)	6.75	7.00	#1 WB	55	1215	LINE of SIGHT. NOISE. REVERSE RUNNING PROTECTION	-	-	1	WORK ZONE must be requested and considered the minimal level of protection required to inspect the tracks in this area. "A" board must be placed at end of curve, PTS placed at the Portal, IN GAGE Stop sign placed at the West end of Spring Garden Station and the Resume placed at the East end of the station.

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PROTECTION NEEDED													
DIVISION	LINE	RUN	LOCATION	MP	MP	TRACK	MAS	Distance to Clear in 15 sec.	CONCERN	WP	AW	FP	REMEDY
CTD	MFSE	1	West of Spring Garden (Portal to Switch)	6.75	7.00	#2 EB	55	1215	LINE of SIGHT. NOISE. REVERSE RUNNING PROTECTION	-	-	1	WORK ZONE must be requested and considered the minimal level of protection required to inspect the tracks in this area. "A" board must be placed at East end of Spring Garden station, PTS placed at the Switch, IN GAGE Stop sign placed at the East end of 2nd Street curve and the Resume placed at the West end of the curve.
CTD	MFSE	1	East of Spring Garden (Viaduct)	7.75	7.95	#1 WB	45	990	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	-	-	1	WORK ZONE must be requested and considered the minimal level of protection required to inspect the tracks in this area. "A" board must be placed at West end of Girard station, PTS placed 225' East of viaduct transition, IN GAGE Stop sign placed at the West end of viaduct curve and the Resume placed at the East end of the Spring Garden station.
CTD	MFSE	1	East of Spring Garden (Viaduct)	7.75	7.95	#2 EB	45	990	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	-	-	1	WORK ZONE must be requested and considered the minimal level of protection required to inspect the tracks in this area. "A" board must be placed at East end of Spring Garden station, PTS placed 225' East of viaduct transition, IN GAGE Stop sign placed at the East end of viaduct curve and the Resume placed at the West end of the Girard station.
CTD	MFSE	1	Girard Avenue Station	8.00	8.10	#1 WB	55	1215	DIFFICULT EGRESS in STATION LIMITS and CONTACT RAIL between tracks.	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUl TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	1	Girard Avenue Station	8.00	8.10	#2 EB	55	1215	DIFFICULT EGRESS in STATION LIMITS and CONTACT RAIL between tracks.	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUl TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	5	Berks Street Station	8.70	8.75	#1 WB	55	1215	DIFFICULT EGRESS in STATION LIMITS and CONTACT RAIL between tracks. CROSSOVER West of Station	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUl TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	5	Berks Street Station	8.70	8.75	#2 EB	55	1215	DIFFICULT EGRESS in STATION LIMITS and CONTACT RAIL between tracks. CROSSOVER West of Station	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUl TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	5	York-Dauphin Station	9.20	9.25	#1 WB	55	1215	DIFFICULT EGRESS in STATION LIMITS and CONTACT RAIL between tracks. BLIND CURVE East of Station	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUl TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	5	York-Dauphin Station	9.20	9.25	#2 EB	55	1215	DIFFICULT EGRESS in STATION LIMITS and CONTACT RAIL between tracks. BLIND CURVE East of Station	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUl TIME is not granted, a WORK ZONE must be established.

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DIVISION	LINE	RUN	LOCATION	MP	MP	TRACK	MAS	Distance to Clear in 15 sec.	CONCERN	WP	AW	FP	REMEDY
CTD	MFSE	5	East of York-Dauphin	9.25	9.11	#1 WB	15	330	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk the WB catwalk to Bent #232 (East end of York-Dauphin Curve) from which he can see in both directions and watch for trains in either direction
CTD	MFSE	5	East of York-Dauphin	9.25	9.11	#1 WB	15	330	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk the WB catwalk to Bent #232 (East end of York-Dauphin Curve) from which he can see in both directions and watch for trains in either direction
CTD	MFSE	5	Huntingdon Interlocking	9.45	9.55	#1 WB	55	1215	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk catwalk to Bent #232 (East end of York-Dauphin Curve) from which he can see in both directions and watch for trains in either direction
CTD	MFSE	5	Huntingdon Interlocking	9.45	9.55	#1 WB	55	1215	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk catwalk to Bent #232 (East end of York-Dauphin Curve) from which he can see in both directions and watch for trains in either direction
CTD	MFSE	5	Huntingdon Station	9.60	9.65	#1 WB	55	1215	DIFFICULT EGRESS in STATION LIMITS and CONTACT RAIL between tracks. CROSSOVER West of Station	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	5	Huntingdon Station	9.60	9.65	#2 EB	55	1215	DIFFICULT EGRESS in STATION LIMITS and CONTACT RAIL between tracks. CROSSOVER West of Station	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	5	West of Somerset (Lehigh Avenue Bridge)	9.70	9.80	#1 WB	35	765	LINE of SIGHT. BLIND VERTICAL CURVE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk the WB catwalk to center egress ladder from which he can see in both directions and watch for trains in either direction
CTD	MFSE	5	West of Somerset (Lehigh Avenue Bridge)	9.70	9.80	#2 EB	35	765	LINE of SIGHT. BLIND VERTICAL CURVE. REVERSE RUNNING PROTECTION	1	-	-	TAW will walk the WB catwalk to center egress ladder from which he can see in both directions and watch for trains in either direction
CTD	MFSE	5	Somerset Station	9.80	9.90	#1 WB	55	1215	DIFFICULT EGRESS in STATION LIMITS and CONTACT RAIL between tracks.	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	5	Somerset Station	9.80	9.90	#2 EB	55	1215	DIFFICULT EGRESS in STATION LIMITS and CONTACT RAIL between tracks.	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.

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DIVISION	LINE	RUN	LOCATION	MP	MP	TRACK	MAS	Distance to Clear in 15 sec.	CONCERN	PROTECTION NEEDED			REMEDY
										WP	AW	FP	
CTD	MFSE	5	Allegheny Station	10.40	10.50	#1 WB	55	1215	DIFFICULT EGRESS in STATION LIMITS and CONTACT RAIL between tracks. CROSSOVER East of Station	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	5	Allegheny Station	10.40	10.50	#2 EB	55	1215	DIFFICULT EGRESS in STATION LIMITS and CONTACT RAIL between tracks. CROSSOVER East of Station	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	5	Tioga Station	10.95	11.00	#1 WB	55	1215	DIFFICULT EGRESS in STATION LIMITS and CONTACT RAIL between TRACKS	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	5	Tioga Station	10.95	11.00	#2 WB	55	1215	DIFFICULT EGRESS in STATION LIMITS and CONTACT RAIL between TRACKS	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	5	East of Tioga (Amtrak Bridge)	11.15	11.20	#1 WB	55	1215	LINE of SIGHT. BLIND VERTICAL CURVE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk the WB catwalk to Bent #36/409 from which he can see in both directions and watch for trains in either direction
CTD	MFSE	5	East of Tioga (Amtrak Bridge)	11.15	11.20	#2 EB	55	1215	LINE of SIGHT. BLIND VERTICAL CURVE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk the WB catwalk to Bent #36/409 from which he can see in both directions and watch for trains in either direction
CTD	MFSE	5	Erie-Torresdale Station	11.55	11.65	#1 WB	55	1215	DIFFICULT EGRESS in STATION LIMITS and CONTACT RAIL between tracks. CROSSOVER East of Station	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	5	Erie-Torresdale Station	11.55	11.65	#2 WB	55	1215	DIFFICULT EGRESS in STATION LIMITS and CONTACT RAIL between tracks. CROSSOVER East of Station	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	5	West of Church Street	12.00	12.15	#1 WB	25	555	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk catwalk to Bent #42/508 from which he can see in both directions and watch for trains in either direction
CTD	MFSE	5	West of Church Street	12.00	12.15	#2 EB	25	555	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk catwalk to Bent #42/508 from which he can see in both directions and watch for trains in either direction



# MFSE - SAFETY CONCERNS

DIVISION	LINE	RUN	LOCATION	M/P	M/P	TRACK	MAS	Distance to Clear in 15 sec.	CONCERN	PROTECTION NEEDED		REMEDY	
										WP	AW		FP
CTD	MFSE	5	Church Street Station	12.15	12.25	#1 WB	55	1215	DIFFICULT EGRESS in STATION LIMITS and CONTACT RAIL between TRACKS. BLIND CURVE West of Station	1	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	5	Church Street Station	12.15	12.25	#2 WB	55	1215	DIFFICULT EGRESS in STATION LIMITS and CONTACT RAIL between TRACKS. BLIND CURVE West of Station	1	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	5	East of Church Street (Unity Street Curve)	12.30	12.11	#1 WB	35	765	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk catwalk to Bent #43/527 from which he can see in both directions and watch for trains in either direction
CTD	MFSE	5	East of Church Street (Unity Street Curve)	12.30	12.11	#2 EB	35	765	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk catwalk to Bent #43/527 from which he can see in both directions and watch for trains in either direction
CTD	MFSE	5	Margaret Orthodox Station	12.50	12.55	#1 WB	55	1215	DIFFICULT EGRESS in STATION LIMITS and CONTACT RAIL between TRACKS.	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	5	Margaret Orthodox Station	12.50	12.55	#2 WB	55	1215	DIFFICULT EGRESS in STATION LIMITS and CONTACT RAIL between TRACKS	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	5	Frankford Transportation Center Station	13.15	13.20	#1 WB	10	225	DIFFICULT EGRESS in STATION LIMITS and BLIND CURVES East of station	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	5	Frankford Transportation Center Station	13.15	13.20	#2 WB	10	225	DIFFICULT EGRESS in STATION LIMITS and BLIND CURVES East of station	-	-	-	FOUL TIME (5 Mins) - Must be requested and considered the minimal level of protection required to inspect the tracks in the station area. If FOUL TIME is not granted, a WORK ZONE must be established.
CTD	MFSE	5	East of FTC	13.25	13.50	#1 WB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk catwalk to where he can see in both directions and watch for trains in either direction
CTD	MFSE	5	East of FTC	13.25	13.50	#2 EB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk catwalk to where he can see in both directions and watch for trains in either direction

# BSS - SAFETY CONCERNS

DIVISION	LINE	RUN	LOCATION	MP	MP	TRACK	MAS	Distance to Clear in 15 sec.	CONCERN	PROTECTION NEEDED			REMEDY
										WP	AW	FP	
CTD	BSS	2	Fern Rock (Curve between #45 switch and the RRD Pedestrian Ramp)	-	-	#65	10	225	LINE OF SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	1	-	TAW - ADVANCE WATCHMEN - will post at the RRD Pedestrian Overpass and #45 switch respectively where they can see in both directions and watch for trains in either direction
CTD	BSS	2	Fern Rock (Curve between RRD Pedestrian Ramp and 70' North of Pole "FR1")	-	-	#65	10	225	LINE OF SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	1	-	TAW - ADVANCE WATCHMEN - will post on the RRD Pedestrian Overpass and 100' North of "FR1" Pole and 250' perpendicular to L36 signal respectively where they can see in both directions and watch for trains in either direction
CTD	BSS	2	Fern Rock (Curve before North of Pole "FR1" and End of Fence near Chew Ave)	-	-	#65	10	225	LINE OF SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	1	-	TAW - ADVANCE WATCHMEN - will post 100' North of Pole "FR1" and at the end of the fence near Chew Street respectively where they can see in both directions and watch for trains in either direction
CTD	BSS	2	Fern Rock (Curve between End of Fence near Chew Ave and Inside North Portal at Col.# 11/11 to Col.# 11/10)	-	-	#65	10	225	LINE OF SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	1	-	TAW - ADVANCE WATCHMEN - will post at the end of the fence near Chew Street and inside the North Portal between Col.# 11/11 and Col.# 11/10 respectively where they can see in both directions and watch for trains in either direction
CTD	BSS	2	Fern Rock (South Portal) Curve inside portal. North of #9-#11 crossover	0.40	0.50	#4	12	270	LINE OF SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	1	-	TAW - ADVANCE WATCHMEN - will post at the end of the fence near Chew Street and inside the North Portal between Col.# 11/11 and Col.# 11/10 respectively where they can see in both directions and watch for trains in either direction
CTD	BSS	2	Fern Rock (South Portal)	0.40	0.50	#3	12	270	LINE OF SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	1	-	TAW - ADVANCE WATCHMEN - will post near #29s switch and inside the North Portal @ Col# 10/7 respectively where they can see in both directions and watch for trains in either direction
CTD	BSS	2	Fern Rock (North Portal)	0.40	0.50	#2	12	270	LINE OF SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	1	-	TAW - ADVANCE WATCHMEN - will post near #29s switch and inside the North Portal @ Col# 10/7 respectively where they can see in both directions and watch for trains in either direction
CTD	BSS	2	Fern Rock (North Portal)	0.40	0.50	#1	12	270	LINE OF SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	1	-	TAW - ADVANCE WATCHMEN - will post near #29s switch and inside the North Portal @ Col# 10/7 respectively where they can see in both directions and watch for trains in either direction
CTD	BSS	2	Fern Rock (North Portal)	0.40	0.50	YARD TILE	12	270	LINE OF SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	1	-	TAW - ADVANCE WATCHMEN - will post near #29s switch and inside the North Portal @ Col# 10/7 respectively where they can see in both directions and watch for trains in either direction
CTD	BSS	2	North of Olney (Administration Curve)	0.60	0.70	#1	12	270	LINE OF SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	1	-	TAW - ADVANCE WATCHMEN - will post at Col.# 57/87 and Col.# 13/100 (-16 signal) respectively where they can see in both directions and watch for trains in either direction

# BSS - SAFETY CONCERNS

DIVISION	LINE	RUN	LOCATION	MP	MP	TRACK	MAS	Distance to Clear in 15 sec.	CONCERN	PROTECTION NEEDED			REMEDY
										WP	AW	FP	
CTD	BSS	2	North of Olney (Administration Curve)	0.60	0.70	#2	12	270	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	1	-	TAW - ADVANCE WATCHMEN - will post at Col # 57/87 and Col # 13/100 (L-16 signal) respectively where they can see in both directions and watch for trains in either direction
CTD	BSS	2	North of Olney (Administration Curve)	0.60	0.70	#3	12	270	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	1	-	TAW - ADVANCE WATCHMEN - will post at Col # 57/80 and Col # 13/80 respectively where they can see in both directions and watch for trains in either direction
CTD	BSS	2	North of Olney (Administration Curve)	0.60	0.70	#4	12	270	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	1	-	TAW - ADVANCE WATCHMEN - will post at Col # 57/70 and Col # 13/80 respectively where they can see in both directions and watch for trains in either direction
CTD	BSS	2	South of Race-Vine	6.50	6.60	#1	20	435	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	-	-	1	WORK ZONE must be requested and considered the minimal level of protection required to inspect the tracks in this area. A/R will be posted @ Col # N-2/120, PTS @ N-2/12, IGS @ S-1/91 and R/A S-2/92.
CTD	BSS	2	South of Race-Vine	6.50	6.60	#2	20	435	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	-	-	1	WORK ZONE must be requested and considered the minimal level of protection required to inspect the tracks in this area. A/R will be posted @ Col # S-2/92, PTS @ S-1/91, IGS @ N-2/12 and R/A N-2/120.
CTD	BSS	2	South of Race-Vine	6.50	6.80	#3	20	435	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	-	-	1	WORK ZONE must be requested and considered the minimal level of protection required to inspect the tracks in this area. A/R will be posted @ Col # S-2/92, PTS @ S-1/91, IGS @ N-2/12 and R/A N-2/120.
CTD	BSS	2	South of Race-Vine	6.50	6.60	#4	20	435	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	-	-	1	WORK ZONE must be requested and considered the minimal level of protection required to inspect the tracks in this area. A/R will be posted @ Col # S-2/92, PTS @ S-1/91, IGS @ N-2/12 and R/A N-2/120.
CTD	BSS	2	North of City Hall (Arch Street Curve)	6.70	6.80	#1	20	435	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	-	-	1	WORK ZONE must be requested and considered the minimal level of protection required to inspect the tracks in this area. A/R will be posted @ Col # N-2/120, PTS @ N-2/12, IGS @ S-1/91 and R/A S-2/92.
CTD	BSS	2	North of City Hall (Arch Street Curve)	6.70	6.80	#2	20	435	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	-	-	1	WORK ZONE must be requested and considered the minimal level of protection required to inspect the tracks in this area. A/R will be posted @ Col # N-2/120, PTS @ N-2/12, IGS @ S-1/91 and R/A S-2/92.
CTD	BSS	2	North of City Hall (Arch Street Curve)	6.70	6.80	#3	20	435	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	-	-	1	WORK ZONE must be requested and considered the minimal level of protection required to inspect the tracks in this area. A/R will be posted @ Col # S-2/92, PTS @ S-1/91, IGS @ N-2/12 and R/A N-2/120.

# BSS - SAFETY CONCERNS

DIVISION	LINE	RUN	LOCATION	MP	MP	TRACK	MAS	Distance to Clear in 15 sec.	CONCERN	PROTECTION NEEDED			REMEDY
										WP	AW	FP	
CTD	BSS	2	North of City Hall (Arch Street Curve)	6:70	6:80	#4	20	435	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	-	-	1	WORK ZONE must be requested and considered the minimal level of protection required to inspect the tracks in this area. A/R will be posted @ Col.# S-2/92, PTS @ S-1/91, IGS @ N-2/12 and R/A N-2/120.
CTD	BSS	6	South of City Hall	6:80	6:90	#1	20	435	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	-	-	1	WORK ZONE must be requested and considered the minimal level of protection required to inspect the tracks in this area. A/R will be posted @ Col.# N-2/120, PTS @ N-2/12, IGS @ S-1/91 and R/A S-2/92.
CTD	BSS	6	South of City Hall	6:80	6:90	#2	20	435	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	-	-	1	WORK ZONE must be requested and considered the minimal level of protection required to inspect the tracks in this area. A/R will be posted @ Col.# N-2/120, PTS @ N-2/12, IGS @ S-1/91 and R/A S-2/92.
CTD	BSS	6	South of City Hall	6:80	6:90	#3	20	435	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	-	-	1	WORK ZONE must be requested and considered the minimal level of protection required to inspect the tracks in this area. A/R will be posted @ Col.# S-2/92, PTS @ S-1/91, IGS @ N-2/12 and R/A N-2/120.
CTD	BSS	6	South of City Hall	6:80	6:90	#4	20	435	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	-	-	1	WORK ZONE must be requested and considered the minimal level of protection required to inspect the tracks in this area. A/R will be posted @ Col.# S-2/92, PTS @ S-1/91, IGS @ N-2/12 and R/A N-2/120.
CTD	BSS	6	Lombard South	7:40	7:50	#1	55	1215	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where he can see in both directions and watch for trains in either direction
CTD	BSS	6	Snyder	8:70	8:80	#1	55	1215	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where he can see in both directions and watch for trains in either direction
CTD	BSS	3	AT&T Station	10:00	10:20	#1	15	330	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where he can see in both directions and watch for trains in either direction

# SUBWAY SURFACE - SAFETY CONCERNS

DIVISION	LINE	RUN	LOCATION	MP	MP	TRACK	MAS	Distance to Clear in 15 sec.	CONCERN	PROTECTION NEEDED			REMEDY
										WP	AW	FP	
CTD	SS	4	Curve West of Juniper			EB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where he can see in both directions and watch for trains in either direction
CTD	SS	4	Curve East of Juniper			WB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where they can see in both directions and watch for trains in either direction
CTD	SS	4	Curve West of 15th Street			WB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where they can see in both directions and watch for trains in either direction
CTD	SS	4	Curve East of 15th Street			WB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where they can see in both directions and watch for trains in either direction
CTD	SS	4	Vertical Curve West of 22nd Street			WB	35	765	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where he can see in both directions and watch for trains in either direction
CTD	SS	4	Curve East of 33rd Street			WB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where he can see in both directions and watch for trains in either direction
CTD	SS	4	Curve West of 33rd Street			WB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where he can see in both directions and watch for trains in either direction
CTD	SS	4	Curve West of 34th & Ludlow			WB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where he can see in both directions and watch for trains in either direction
CTD	SS	4	Curve East of 36th Street			WB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where he can see in both directions and watch for trains in either direction
CTD	SS	4	Curve West of 36th Street			WB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where he can see in both directions and watch for trains in either direction

# SUBWAY SURFACE - SAFETY CONCERNS

DIVISION	LINE	RUN	LOCATION	MP	MP	TRACK	MAS	Distance to Clear in 15 sec.	CONCERN	PROTECTION NEEDED			REMEDY
										WP	AW	FP	
CTD	SS	4	Curve East of 37th Street			WB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where he can see in both directions and watch for trains in either direction
CTD	SS	4	Curve East of 40th Street Portal			WB	35	765	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where he can see in both directions and watch for trains in either direction
CTD	SS	4	Curve East of 40th Street Portal			EB	35	765	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where he can see in both directions and watch for trains in either direction
CTD	SS	4	Curve West of 15th Street			EB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where he can see in both directions and watch for trains in either direction
CTD	SS	4	Curve East of 15th Street			EB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where he can see in both directions and watch for trains in either direction
CTD	SS	4	Vertical Curve West of 22nd Street			EB	35	765	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where he can see in both directions and watch for trains in either direction
CTD	SS	4	Curve East of 33rd Street			EB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where he can see in both directions and watch for trains in either direction
CTD	SS	4	Curve West of 33rd Street			EB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where he can see in both directions and watch for trains in either direction
CTD	SS	4	Curve West of 34th & Ludlow			EB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where he can see in both directions and watch for trains in either direction
CTD	SS	4	Curve East of 36th Street			EB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where he can see in both directions and watch for trains in either direction

# SUBWAY SURFACE - SAFETY CONCERNS

DIVISION	LINE	RUN	LOCATION	MP	MP	TRACK	MAS	Distance to Clear in 15 sec.	CONCERN	PROTECTION NEEDED			REMEDY
										WP	AW	FP	
CTD	SS	4	Curve West of 36th Street			EB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where he can see in both directions and watch for trains in either direction
CTD	SS	4	Curve East of 37th Street			EB	10	225	LINE of SIGHT. BLIND CURVE. NOISE. REVERSE RUNNING PROTECTION	1	-	-	TAW - will walk to apex of curve where he can see in both directions and watch for trains in either direction

# Speed Distance Table

At	mph	trains are moving at	103	feet per second and therefore moving	1545	feet	every 15 seconds
65			95		1425		
60			88		1320		
55			81		1215		
50			73		1095		
45			66		990		
40			59		885		
35			51		765		
30			44		660		
25			37		555		
20			29		435		
15			22		330		
12			18		270		
10			15		225		
5			7		105		