

SHEET 11
LTPP TRAFFIC DATA

VOLUME DATA
TRANSMITTAL FORM

STATE ASSIGNED ID [_ _ _ _]

STATE CODE [84]

SHRP SECTION ID [1802]

HIGHWAY RT. NO. (THIS COUNT) 11 MILEPOST NO. (THIS COUNT) _____

LOCATION (THIS COUNT) 2.5 miles North of Mediac at Ste-Anne

FILENAME V841802.C1A DISKTAPE ID Traf NB DCT

BEGINNING DATE January 1, 2000 BEGINNING TIME _____

ENDING DATE March 31, 2000 ENDING TIME _____

TYPE OF COUNT: TWO-WAY ☒ ONE-WAY _____ GPS LANE _____

COUNT DURATION 91 [] HOURS [☒] DAYS [] MONTHS

TYPE OF SENSOR _____ ROAD TUBES _____ PIEZO CABLE

_____ PIEZO FILM ☒ LOOPS _____ OTHER _____

EQUIPMENT MANUFACTURER / MODEL # Golden River M600

AXLE CORRECTION FACTOR _____ STANDARD DEV. OF FACTOR _____

MONTHLY/SEASONAL FACTOR _____ STANDARD DEV. OF FACTOR _____

DAY-OF-WEEK FACTOR _____ STANDARD DEV. OF FACTOR _____

OTHER FACTOR _____ STANDARD DEV. OF FACTOR _____
SPECIFY _____

DISTRIBUTION FACTOR FOR GPS LANE _____
(WHEN NOT AVAILABLE FROM ACTUAL COUNT DATA.)

SOURCE OF GPS LANE DISTRIBUTION FACTOR ESTIMATE _____

COMMENTS: _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER M. Alice Steeves PHONE # 506-453-2678
DATE PREPARED April 7, 2000

SHEET 11
LTPP TRAFFIC DATA
VOLUME DATA
TRANSMITTAL FORM

STATE ASSIGNED ID [_ _ _ _]
STATE CODE [84]
SHRP SECTION ID [1802]

HIGHWAY RT. NO. (THIS COUNT) 11 MILEPOST NO. (THIS COUNT) _____

LOCATION (THIS COUNT) 25 miles North of Medina at Sta. Anne

FILENAME V841802.F1A DISK/TAPE ID Traf NBDOT

BEGINNING DATE April 1, 2000 BEGINNING TIME _____

ENDING DATE June 30, 2000 ENDING TIME _____

TYPE OF COUNT: TWO-WAY ☒ ONE-WAY _____ GPS LANE _____

COUNT DURATION 91 [] HOURS [☒] DAYS [] MONTHS

TYPE OF SENSOR _____ ROAD TUBES _____ PIEZO CABLE

_____ PIEZO FILM ☒ LOOPS _____ OTHER _____

EQUIPMENT MANUFACTURER / MODEL # Golden River M400

AXLE CORRECTION FACTOR _____ STANDARD DEV. OF FACTOR _____

MONTHLY/SEASONAL FACTOR _____ STANDARD DEV. OF FACTOR _____

DAY-OF-WEEK FACTOR _____ STANDARD DEV. OF FACTOR _____

OTHER FACTOR _____ STANDARD DEV. OF FACTOR _____
SPECIFY _____

DISTRIBUTION FACTOR FOR GPS LANE _____
(WHEN NOT AVAILABLE FROM ACTUAL COUNT DATA.)

SOURCE OF GPS LANE DISTRIBUTION FACTOR ESTIMATE _____

COMMENTS: _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER Gregory Thompson PHONE # 506-453-2418
DATE PREPARED Oct 6/2000

SHEET 11 LTPP TRAFFIC DATA VOLUME DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [_ _ _ _] *STATE CODE [84] *SHRP SECTION ID [1802]
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HIGHWAY RT. NO. (THIS COUNT) 11 MILEPOST NO. (THIS COUNT) _____

LOCATION (THIS COUNT) 2.5 miles North of Medico at Ste. Anne

FILENAME V841802.hta DISKTAPE ID Traf NBDNT

BEGINNING DATE June 30, 2000 BEGINNING TIME _____

ENDING DATE Aug. 24, 2000 ENDING TIME _____

TYPE OF COUNT: TWO-WAY ☒ ONE-WAY _____ GPS LANE _____

COUNT DURATION 56 [] HOURS [☒] DAYS [] MONTHS

TYPE OF SENSOR _____ ROAD TUBES _____ PIEZO CABLE

_____ PIEZO FILM _____ LOOPS _____ OTHER _____

EQUIPMENT MANUFACTURER / MODEL # Golden River M1000

AXLE CORRECTION FACTOR _____ STANDARD DEV. OF FACTOR _____

MONTHLY/SEASONAL FACTOR _____ STANDARD DEV. OF FACTOR _____

DAY-OF-WEEK FACTOR _____ STANDARD DEV. OF FACTOR _____

OTHER FACTOR _____ STANDARD DEV. OF FACTOR _____
 SPECIFY _____

DISTRIBUTION FACTOR FOR GPS LANE _____
 (WHEN NOT AVAILABLE FROM ACTUAL COUNT DATA.)

SOURCE OF GPS LANE DISTRIBUTION FACTOR ESTIMATE _____

COMMENTS: _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>George Thompson</u>	PHONE # <u>(504) 453-2754</u>
DATE PREPARED <u>January 23/2001</u>	

SHEET 11 LTPP TRAFFIC DATA VOLUME DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [_ _ _ _]
	*STATE CODE [84]
	*SHRP SECTION ID [1802]

HIGHWAY RT. NO. (THIS COUNT) 11 MILEPOST NO. (THIS COUNT) _____

LOCATION (THIS COUNT) 2.5 miles North of Mexico at Ste. Anne

FILENAME V841802.jra DISKTAPE ID Traf NBDOT

BEGINNING DATE Aug. 28, 2000 BEGINNING TIME _____

ENDING DATE Dec. 28, 2000 ENDING TIME _____

TYPE OF COUNT: TWO-WAY ☒ ONE-WAY _____ GPS LANE _____

COUNT DURATION 123 [] HOURS [☒] DAYS [] MONTHS

TYPE OF SENSOR _____ ROAD TUBES _____ PIEZO CABLE

_____ PIEZO FILM _____ LOOPS _____ OTHER _____

EQUIPMENT MANUFACTURER / MODEL # _____

AXLE CORRECTION FACTOR _____ STANDARD DEV. OF FACTOR _____

MONTHLY/SEASONAL FACTOR _____ STANDARD DEV. OF FACTOR _____

DAY-OF-WEEK FACTOR _____ STANDARD DEV. OF FACTOR _____

OTHER FACTOR _____ STANDARD DEV. OF FACTOR _____
 SPECIFY _____

DISTRIBUTION FACTOR FOR GPS LANE _____
 (WHEN NOT AVAILABLE FROM ACTUAL COUNT DATA.)

SOURCE OF GPS LANE DISTRIBUTION FACTOR ESTIMATE _____

COMMENTS: _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>George Thompson</u>	PHONE # <u>(504) 453-2754</u>
DATE PREPARED <u>January 23, 2001</u>	

SHEET 11 LTPP TRAFFIC DATA VOLUME DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[_ _ _ _]
	*STATE CODE	[84]
	*SHRP SECTION ID	[1802]

HIGHWAY RT. NO. (THIS COUNT) 11 MILEPOST NO. (THIS COUNT) _____

LOCATION (THIS COUNT) 2.5 miles North of Shediac at Stc. Anne

FILENAME V841802.NUA DISK ID Tra1 NBDIT

BEGINNING DATE 12/31/2000 BEGINNING TIME 00:00

ENDING DATE 06/30/2001 ENDING TIME 23:00

TYPE OF COUNT: TWO-WAY ☒ ONE-WAY _____ LTPP LANE _____

COUNT DURATION 182 [] HOURS [☒] DAYS [] MONTHS

TYPE OF SENSOR: _____ ROAD TUBES _____ PIEZO CABLE

_____ PIEZO FILM _____ LOOPS ☒ OTHER _____

EQUIPMENT MANUFACTURER/MODEL # IRD / 540

AXLE CORRECTION FACTOR _____ STANDARD DEV. OF FACTOR _____

MONTHLY/SEASONAL FACTOR _____ STANDARD DEV. OF FACTOR _____

DAY-OF-WEEK FACTOR _____ STANDARD DEV. OF FACTOR _____

OTHER FACTOR _____ STANDARD DEV. OF FACTOR _____

SPECIFY _____

DISTRIBUTION FACTOR FOR LTPP LANE 50.3%
(WHEN NOT AVAILABLE FROM ACTUAL COUNT DATA)

SOURCE OF LTPP LANE DISTRIBUTION FACTOR ESTIMATE Yearly Statistics Summary (2000)

COMMENTS: Use Sheet 12 for the 4-bin classification data
that corresponds to the volume file above.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>George D. Thompson</u>	PHONE# <u>(506) 453-2754</u>
DATE PREPARED <u>October, 2001</u>	rev. November 9, 1999

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

New Brunswick
8 4

FILENAME	START DATE mm / dd / yy	START TIME hh:mm	END DATE mm / dd / yy	END TIME hh:mm	CLASS. SCHEME
C846804.h7a	06/07/00	17:00	06/09/00	17:00	FHWA
W846804.h7a	06/07/00	17:00	06/09/00	17:00	FHWA
C846804.h9a	06/09/00	17:00	06/11/00	17:00	FHWA
W846804.h9a	06/09/00	17:00	06/11/00	17:00	FHWA
C841684.l0a	10/25/00	12:00	10/27/00	12:00	FHWA
W841684.l0a	10/25/00	12:00	10/27/00	12:00	FHWA
C841684.lqa	10/27/00	12:00	10/29/00	8:00*	FHWA
W841684.lqa	10/27/00	12:00	10/29/00	8:00*	FHWA

NOTE: SNOW PLOW TORE UP PIEZO SOMETIME AFTER THIS HOUR

C841802.hda	06/14/00	17:00	06/16/00	17:00	FHWA
W841802.hda	06/14/00	17:00	06/16/00	17:00	FHWA
C841802.hfa	06/16/00	17:00	06/18/00	17:00	FHWA
W841802.hfa	06/16/00	17:00	06/18/00	17:00	FHWA

NAME OF PREPARER
DATE PREPARED

George Thompson

PHONE NO. (506) 45-2754

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

New Brunswick
84

FILENAME	START DATE mm / dd / yy	START TIME hh:mm	END DATE mm / dd / yy	END TIME hh:mm	CLASS. SCHEME
<u>C846804.h7a</u>	<u>06/07/00</u>	<u>17:00</u>	<u>06/09/00</u>	<u>17:00</u>	<u>FHWA</u>
<u>W846804.h7a</u>	<u>06/07/00</u>	<u>17:00</u>	<u>06/09/00</u>	<u>17:00</u>	<u>FHWA</u>
<u>C846804.h9a</u>	<u>06/09/00</u>	<u>17:00</u>	<u>06/11/00</u>	<u>17:00</u>	<u>FHWA</u>
<u>W846804.h9a</u>	<u>06/09/00</u>	<u>17:00</u>	<u>06/11/00</u>	<u>17:00</u>	<u>FHWA</u>
_____	_____	_____	_____	_____	_____
<u>C840101.m1a</u>	<u>11/01/00</u>	<u>14:00</u>	<u>11/03/00</u>	<u>14:00</u>	<u>FHWA</u>
<u>W840101.m1a</u>	<u>11/01/00</u>	<u>14:00</u>	<u>11/03/00</u>	<u>14:00</u>	<u>FHWA</u>
<u>C840101.m3a</u>	<u>11/03/00</u>	<u>14:00</u>	<u>11/05/00</u>	<u>14:00</u>	<u>FHWA</u>
<u>W840101.m3a</u>	<u>11/03/00</u>	<u>14:00</u>	<u>11/05/00</u>	<u>14:00</u>	<u>FHWA</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

NAME OF PREPARER _____ PHONE NO. _____
DATE PREPARED _____

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

New Brunswick
8 4

FILENAME	START DATE mm / dd / yy	START TIME hh:mm	END DATE mm / dd / yy	END TIME hh:mm	CLASS. SCHEME
<u>C846804.h7a</u>	<u>06/07/00</u>	<u>17:00</u>	<u>06/09/00</u>	<u>17:00</u>	<u>FHWA</u>
<u>W846804.h7a</u>	<u>06/07/00</u>	<u>17:00</u>	<u>06/09/00</u>	<u>17:00</u>	<u>FHWA</u>
<u>C846804.h9a</u>	<u>06/09/00</u>	<u>17:00</u>	<u>06/11/00</u>	<u>17:00</u>	<u>FHWA</u>
<u>W846804.h9a</u>	<u>06/09/00</u>	<u>17:00</u>	<u>06/11/00</u>	<u>17:00</u>	<u>FHWA</u>
<u>C841684.l0a</u>	<u>10/25/00</u>	<u>12:00</u>	<u>10/27/00</u>	<u>12:00</u>	<u>FHWA</u>
<u>W841684.l0a</u>	<u>10/25/00</u>	<u>12:00</u>	<u>10/27/00</u>	<u>12:00</u>	<u>FHWA</u>
<u>C841684.l9a</u>	<u>10/27/00</u>	<u>12:00</u>	<u>10/29/00</u>	<u>8:00*</u>	<u>FHWA</u>
<u>W841684.l9a</u>	<u>10/27/00</u>	<u>12:00</u>	<u>10/29/00</u>	<u>8:00*</u>	<u>FHWA</u>

NOTE: SNOW PLOW TORE UP PIEZO SOMETIME AFTER THIS HOUR

<u>C841802.hda</u>	<u>06/14/00</u>	<u>17:00</u>	<u>06/16/00</u>	<u>17:00</u>	<u>FHWA</u>
<u>W841802.hda</u>	<u>06/14/00</u>	<u>17:00</u>	<u>06/16/00</u>	<u>17:00</u>	<u>FHWA</u>
<u>C841802.hfa</u>	<u>06/16/00</u>	<u>17:00</u>	<u>06/18/00</u>	<u>17:00</u>	<u>FHWA</u>
<u>W841802.hfa</u>	<u>06/16/00</u>	<u>17:00</u>	<u>06/18/00</u>	<u>17:00</u>	<u>FHWA</u>

NAME OF PREPARER George Thompson
DATE PREPARED _____

PHONE NO. (506) 45-2754

SHEET 14 LTPP TRAFFIC DATA EQUIPMENT INSTALLATION LOG	*STATE ASSIGNED ID	[— — 84]	LOCATION <u>Rte 11, Ste. Anne</u>
	*STATE CODE	[1 / 8 0 2]	INSTALLATION DATE <u>July 26, 2000</u>
	*SHRP SECTION ID		

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	IRD 540		0003-6295
Interface			
Modem			
Loop Amplifiers			
Other _____			
Sensor(s) / Platform(s)			
LTPP Lane Sensor			
Sensor Next Adjacent Lane (1)			
Senor Next Adjacent Lane (2)			
Sensor Next Adjacent Lane (3)			
Diagonal Sensor			
Offscale Sensor			
Right Platform			
Left Platform			
Other _____			
Software			
Complete Package			
Axle Spacing Algorithm Only			
Other _____			
Loops			
Upstream - Lane 1			
Downstream - Lane 1			
Upstream - Other Lanes			
Downstream - Other Lanes			

ENTERED JUN 14 2002

RECEIVED APR 06 2001



<p align="center">SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY</p>	*STATE ASSIGNED ID	[0011]
	*STATE CODE	[84]
	*SHRP SECTION ID	1802 1802

SITE CALIBRATION INFORMATION

- * DATE OF CALIBRATION (MONTH/DAY/YEAR) [06/14/2000]
- * TYPE OF EQUIPMENT CALIBRATED ☒ WIM ☐ CLASSIFIER ☐ BOTH
- * REASON FOR CALIBRATION
☐ REGULARLY SCHEDULED SITE VISIT ☒ RESEARCH
☐ EQUIPMENT REPLACEMENT ☐ TRAINING
☐ DATA TRIGGERED SYSTEM REVISION ☐ NEW EQUIPMENT INSTALLATION
☐ OTHER (SPECIFY) _____
- * SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):
☐ BARE ROUND PIEZO CERAMIC ☐ BARE FLAT PIEZO ☐ BENDING PLATES
☐ CHANNELIZED ROUND PIEZO ☐ LOAD CELLS ☐ QUARTZ PIEZO
☐ CHANNELIZED FLAT PIEZO ☐ INDUCTANCE LOOPS ☐ CAPACITANCE PADS
☐ OTHER (SPECIFY) 2-12' BL PIEZO with SENSORS TAPED TO ROAD
- EQUIPMENT MANUFACTURER INTERNATIONAL ROAD DYNAMICS

WIM SYSTEM CALIBRATION SPECIFICS**

- **CALIBRATION TECHNIQUE USED:
☐ TRAFFIC STREAM -- ☐ STATIC SCALE (Y/N) ☒ TEST TRUCKS
☐ NUMBER OF TRUCKS COMPARED ☐ 1 NUMBER OF TEST TRUCKS USED
☐ 22 PASSES PER TRUCK

TRUCK TYPE	SUSPENSION
1 <u>Tractor</u>	<u>AIR</u>
2 <u>Trailer</u>	<u>Spring</u>
3 _____	_____

- SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
 MEAN DIFFERENCE BETWEEN ---
 DYNAMIC AND STATIC GVW 4.8 STANDARD DEVIATION 200.8
 (STEERING) DYNAMIC AND STATIC SINGLE AXLES 2.0 STANDARD DEVIATION 410.6
 (DRIVE) DYNAMIC AND STATIC DOUBLE AXLES 0.8 STANDARD DEVIATION 754.0
 (Trailer) " " " " 4.8 641.0

- 1 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
- DEFINE THE SPEED RANGES USED (MPH) 105 KPH
- CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) _____
- ** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) N
 IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: _____

CLASSIFIER TEST SPECIFICS***

- *** METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:
☐ VIDEO ☒ MANUAL ☐ PARALLEL CLASSIFIERS
- METHOD TO DETERMINE LENGTH OF COUNT ☒ TIME ☐ NUMBER OF TRUCKS
96 HRS +
- MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:
 *** FHWA CLASS 9 _____ FHWA CLASS _____
 *** FHWA CLASS 8 _____ FHWA CLASS _____
 _____ FHWA CLASS _____
 _____ FHWA CLASS _____
 *** PERCENT "UNCLASSIFIED" VEHICLES: _____

PERSON LEADING CALIBRATION EFFORT: <u>Rickey M. Crandall</u> <u>GET</u>
CONTACT INFORMATION: _____ rev. November 9, 1999

GVW			SINGLE AXLE			TANDEM-DRIVE UNIT			TANDEM-TRAILER UNIT			TRIDEM		
GVW	GVW_CAL	% ERR	GVW	GVW_CAL	% ERR	GVW	GVW_CAL	% ERR	GVW	GVW_CAL	% ERR	GVW	GVW_CAL	% ERR
38196	41050	-6.9525	3699	4550	-18.7033	15895	16100	-1.27329	18602	20400	-8.81373			#DIV/0!
39120	41050	-4.70158	4049	4550	-11.011	16724	16100	3.875776	18347	20400	-10.0637			#DIV/0!
39474	41050	-3.83922	4940	4550	8.571429	16494	16100	2.447205	18040	20400	-11.5686			#DIV/0!
39335	41050	-4.17783	4924	4550	8.21978	16832	16100	4.546584	17579	20400	-13.8284			#DIV/0!
40269	41050	-1.90256	4490	4550	-1.31868	16876	16100	4.819876	18903	20400	-7.33824			#DIV/0!
38558	41050	-6.07065	5107	4550	12.24176	15343	16100	-4.70186	18108	20400	-11.2353			#DIV/0!
39178	41050	-4.56029	5174	4550	13.71429	16054	16100	-0.28571	17950	20400	-12.0098			#DIV/0!
38399	41050	-6.45798	5172	4550	13.67033	15381	16100	-4.46584	17846	20400	-12.5196			#DIV/0!
38066	41050	-7.26918	5008	4550	10.06593	15242	16100	-5.32919	17816	20400	-12.6667			#DIV/0!
39305	41050	-4.25091	4457	4550	-2.04396	16547	16100	2.776398	18301	20400	-10.2892			#DIV/0!
40872	41050	-0.43362	4865	4550	6.923077	17638	16100	9.552795	18369	20400	-9.95588			
39055	41050	-4.85993	4439	4550	-2.43956	16839	16100	4.590062	17777	20400	-12.8578			
38410	41050	-6.43118	4140	4550	-9.01099	16194	16100	0.583851	18076	20400	-11.3922			
37516	41050	-8.60901	4701	4550	3.318681	15738	16100	-2.24845	17077	20400	-16.2892			
38579	41050	-6.01949	4675	4550	2.747253	15697	16100	-2.50311	18207	20400	-10.75			
37322	41050	-9.08161	4771	4550	4.857143	14941	16100	-7.19876	17610	20400	-13.6765			
37531	41050	-8.57247	4122	4550	-9.40659	15951	16100	-0.92547	17458	20400	-14.4216			
39669	41050	-3.36419	4715	4550	3.626374	16612	16100	3.180124	18342	20400	-10.0882			
40557	41050	-1.20097	4429	4550	-2.65934	16577	16100	2.962733	19551	20400	-4.16176			
42232	41050	2.879415	5107	4550	12.24176	17524	16100	8.84472	19601	20400	-3.91667			
38537	41050	-6.1218	4341	4550	-4.59341	15229	16100	-5.40994	18967	20400	-7.02451			
39822	41050	-2.99147	4816	4550	5.846154	16540	16100	2.732919	18466	20400	-9.48039			
	AVG%ERR	-4.8		AVG%ERR	2.0		AVG%ERR	0.8		AVG%ERR	-10.7		AVG%ERR	#DIV/0!
	SD_GVW	1183.1		SD_GVW	402.6		SD_GVW	739.3		SD_GVW	627.8		SD_GVW	#DIV/0!
	SD%ERR	2.9		SD%ERR	8.8		SD%ERR	4.6		SD%ERR	3.1		SD%ERR	#DIV/0!
QC CHECK Avg%ERR		FAIL	QC CHECK Avg%ERR		PASS	QC CHECK Avg%ERR		PASS	QC CHECK Avg%ERR		FAIL			
QC CHECK SD % ERR		PASS	QC CHECK SD % ERR		PASS	QC CHECK SD % ERR		PASS	QC CHECK SD % ERR		PASS			