



Business Rules for National Interoperability – Appendix A - Reports
Version 1.00
FINAL

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DOCUMENT HISTORY

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3/15-20/2023		Created. Reviewed internally w/DH and GH.
5/1/2023	1.00	Removed "DRAFT FOR REVIEW" and made FINAL with approval from the National Interoperability group at IBTTA Tech Summit in Indianapolis, IN.

CONTENTS

- 1 GENERAL REPORTING REQUIREMENTS4**
- 1.1 NIOP TRANSACTION RECONCILIATION SUMMARY REPORT..... 4
- 1.2 NIOP TRANSACTION RECONCILIATION DETAIL REPORT 6
- 1.3 NIOP DISPUTED TOLL TRANSACTION DETAIL REPORT 8
- 1.4 SETTLEMENT STATEMENTS 9
- 1.5 SUBMISSION PERFORMANCE REPORT 14

1 General Reporting Requirements

This appendix contains the NIOP reporting requirements as supported by the NIOP Business Rules.

When reports are shared between hubs, the date and time shall be in UTC format.

1.1 NIOP Transaction Reconciliation Summary Report

The Transaction Reconciliation Summary Report for each NIOP Hub, between Hubs, shall contain the following fields, at a minimum:

1. Away Agency
2. Home Agency
3. Receiving Hub/Agency Submission Identifier
4. Receiving Hub/Agency Submission Sequence Number
5. Reconciliation Date/Time (2nd ACK)
6. Total TXNS/Resubmitted TXNS #
7. Accepted TXNS #
8. Accepted Amount \$
9. Rejected TXNS #
10. Rejected Amount \$
11. Total Reconciliation TXNS Amount \$
12. Fixed Fee \$
13. % Fee \$
14. Total Adjustments/Resubmitted Adjustments TXNS #
15. Accepted Adjustments TXNS #
16. Accepted Adjustments Amount \$
17. Rejected Adjustments TXNS #
18. Rejected Adjustments Amount \$
19. Total Reconciliation Adjustments TXNS Amount \$
20. Adjustments Fixed Fee \$
21. Adjustments % Fee \$
22. Total Fees \$
23. Net Payable \$
24. Report Totals – not required on the Excel or CSV versions

For reconciliation purposes between hubs, the Reconciliation Date (2nd ACK Date) in UTC shall be used.

Although the list above contains the minimum set of columns, the samples below contain additional fields.

Please refer to the NIOP ICD for specific field definitions.

1.2 NIOP Transaction Reconciliation Detail Report

The NIOP Transaction Reconciliation Detail report should provide a report of the transactions and their reconciliation that sums up to the NIOP Reconciliation Summary report.

This report is provided on demand to each Hub or Agency in CSV format. The detailed reconciliation and settlement report shall provide the user with the ability to select the Home Agency (or all), Away Agency and Facility (or all), and report period. The user may filter the report period to be by Transaction date, Reconciliation Date, or Transaction submission date.

The Transaction Reconciliation Summary Report for each NIOP Hub, between Hubs, shall contain the following fields, at a minimum:

1. Away Agency
2. Home Agency
3. Receiving Hub/Agency Submission Identifier
4. Reconciliation Date/Time (2nd ACK)
5. Transaction Reference ID
6. Record Type
7. Facility ID
8. Exit Plaza
9. Exit Lane
10. Exit Date/Time
11. NIOP Tag Agency ID
12. Tag Serial Number
13. License Plate Country
14. License Plate State
15. License Plate Number
16. License Plate Type
17. Guaranteed Flag?
18. Vehicle Class
19. Resubmit Count
20. Resubmit Reason
21. Adjustment Count
22. Adjustment Reason
23. Post Status
24. Toll Amount \$
25. Accepted Amount \$
26. Rejected Amount \$
27. Fixed Fee \$
28. % Fee \$
29. Total Fees \$
30. Net Payable \$
31. Tag Status
32. Posted Date/Time
33. Report Totals – not required on the Excel or CSV version

For reconciliation purposes between hubs, the Reconciliation Date (2nd ACK Date) in UTC shall be used.

Although the list above contains the minimum set of columns, the samples below contain additional fields.

Please refer to the NIOP ICD for specific field definitions.

Figure 3: NIOP Transaction Reconciliation Detail Report Sample – Part 1

NIOP Transaction Reconciliation Detail

Selection Criteria:

Time Zone: UTC
 Start Date/Time: 3/14/2023 00:00:00
 End Date/Time: 3/14/2023 23:59:59
 Submission Type: All
 Date Type: Reconciliation Date/Time (2nd ACK)
 Army Hub: Central US Hub (8002)
 Army Agency: All Central US Hub Agencies
 Home Hub: Southeast US Hub (8001)
 Home Agency: All Southeast US Hub Agencies
 Submission Identifier: All
 Facility ID: All
 Plate: All
 Lane ID: All
 Transaction Reference ID: All
 Tag Agency ID: All
 Tag Serial Number: All
 License Plate Country: All
 License Plate State: All
 License Plate Number: All
 Reason: All
 Adjustment Reason: All
 Post Status: All
 Guaranteed Flag?: All
 Group Sort 1: Army Agency
 Group Sort 2: Home Agency
 Group Sort 3: Sending Hub/Agency Submission Identifier
 Column Sort 1: Transaction Reference ID
 Column Sort 2: Ascending
 Generated By: Central US Hub

Agency	Home Agency	Sending Hub/Agency Submission Identifier	Receiving Hub/Agency Submission Identifier	Reconciliation Date/Time (2nd ACK)	Transaction Reference ID	Record Type	Facility ID	Exit Plate	Exit Lane	Exit Date/Time	Tag Agency ID	Tag Serial Number	License Plate Country	License Plate State	License Plate Number	License Plate Type	Guaranteed Flag?	Vehicle Class
Kansas Turnpike Authority																		
Florida Turnpike Enterprise																		
8002_0056_0035_302303131506G.STRAN	RTA	FTE	8002_0056_0035_302303131506G.STRAN	8002_0056_0035_302303131506G.STRAN	03-14-2023 01:30:21	12468113	TC01	RTA	PL2183	07	03/06/2023 06:37:08	0035	00140860				Y	2
	RTA	FTE	8002_0056_0035_302303131506G.STRAN	8002_0056_0035_302303131506G.STRAN	03-14-2023 01:30:21	12468154	TC01	RTA	PL2177	08	03/06/2023 09:15:03	0041	02618987				Y	2
	RTA	FTE	8002_0056_0035_302303131506G.STRAN	8002_0056_0035_302303131506G.STRAN	03-14-2023 01:30:21	12468144	TC01	RTA	PL2177	10	03/06/2023 07:23:47	0044	12011517				Y	5
	RTA	FTE	8002_0056_0035_302303131506G.STRAN	8002_0056_0035_302303131506G.STRAN	03-14-2023 01:30:21	12468196	TC01	RTA	PL2186	09	03/06/2023 08:26:30	0046	14126480				Y	2
	RTA	FTE	8002_0056_0035_302303131506G.STRAN	8002_0056_0035_302303131506G.STRAN	03-14-2023 01:30:21	12468201	TC01	RTA	PL2177	09	03/06/2023 11:14:13	0044	14126480				Y	2
	RTA	FTE	8002_0056_0035_302303131506G.STRAN	8002_0056_0035_302303131506G.STRAN	03-14-2023 01:30:21	12468203	TC01	RTA	PL2177	09	03/06/2023 11:34:28	0046	14126480				Y	5
	RTA	FTE	8002_0056_0035_302303131506G.STRAN	8002_0056_0035_302303131506G.STRAN	03-14-2023 01:30:21	12468202	TC01	RTA	PL2183	08	03/06/2023 11:36:38	0044	00016218				Y	5
	RTA	FTE	8002_0056_0035_302303131506G.STRAN	8002_0056_0035_302303131506G.STRAN	03-14-2023 01:30:21	12468206	TC01	RTA	PL2177	10	03/06/2023 12:06:36	0044	12018073				Y	2
	RTA	FTE	8002_0056_0035_302303131506G.STRAN	8002_0056_0035_302303131506G.STRAN	03-14-2023 01:30:21	12468201	TC01	RTA	PL2177	09	03/06/2023 12:11:09	0044	02616242				Y	5
	RTA	FTE	8002_0056_0035_302303131506G.STRAN	8002_0056_0035_302303131506G.STRAN	03-14-2023 01:30:21	12468205	TC01	RTA	PL2183	14	03/06/2023 12:28:16	0044	02618099				Y	2
	RTA	FTE	8002_0056_0035_302303131506G.STRAN	8002_0056_0035_302303131506G.STRAN	03-14-2023 01:30:21	12468207	TC01	RTA	PL2177	08	03/06/2023 12:48:59	0035	05627827				Y	5
	RTA	FTE	8002_0056_0035_302303131506G.STRAN	8002_0056_0035_302303131506G.STRAN	03-14-2023 01:30:21	12468241	TC01	RTA	PL2178	04	03/06/2023 12:53:21	0035	05576715				Y	5
	RTA	FTE	8002_0056_0035_302303131506G.STRAN	8002_0056_0035_302303131506G.STRAN	03-14-2023 01:30:21	12468261	TC01	RTA	PL2177	10	03/06/2023 13:08:01	0035	15046493				Y	2
	RTA	FTE	8002_0056_0035_302303131506G.STRAN	8002_0056_0035_302303131506G.STRAN	03-14-2023 01:30:21	12468262	TC01	RTA	PL2177	09	03/06/2023 13:08:12	0041	10020480				Y	2
	RTA	FTE	8002_0056_0035_302303131506G.STRAN	8002_0056_0035_302303131506G.STRAN	03-14-2023 01:30:21	12468263	TC01	RTA	PL2177	10	03/06/2023 13:41:10	0035	07308879				Y	5

Module Name: trn_recon_detail_782 Param ID: 287043

Figure 4: NIOP Transaction Reconciliation Detail Report Sample – Part 2

Resubmit Count	Resubmit Reason	Adjustment Count	Adjustment Reason	Post Status	Toll Amount \$ (A)	Accepted Amount \$ (B)	Rejected Amount \$ (C)	System Error Amount \$ (D)	Fixed Fee \$ (E)	% Fee \$ (F)	Total Fees \$ (E+F+G)	Net Payable \$ (B-G+H)
				P	2.50	2.50				0.08	0.08	2.52
				P	1.25	1.25				0.04	0.04	1.31
				P	6.90	6.90				0.21	0.21	6.69
				P	6.90	6.90				0.21	0.21	6.69
				P	2.80	2.80				0.08	0.08	2.72
				P	6.90	6.90				0.21	0.21	6.69
				P	6.90	6.90				0.21	0.21	6.69
				P	2.50	2.50				0.08	0.08	2.52
				P	26.60	26.60				0.80	0.80	25.80
				P	2.60	2.60				0.08	0.08	2.52
				P	3.65	3.65				0.11	0.11	3.54
				P	3.45	3.45				0.10	0.10	3.35
				P	3.20	3.20				0.10	0.10	3.10
				P	2.60	2.60				0.08	0.08	2.52
				P	7.15	7.15				0.21	0.21	6.94
				P	6.90	6.90				0.21	0.21	6.69

The required fields are highlighted in green in the embedded csv sample.



NIOP Transaction report -
 Reconciliation Detail 2023-03-15T140845.i

1.3 NIOP Disputed Toll Transaction Detail Report

The NIOP Disputed Toll Transaction Detail report should be provided to support the detail of disputed transactions and their adjustments. The information on this report is summed into the NIOP Transaction Reconciliation Summary and Detail and Toll and Fee Settlement reports when the transactions are adjusted.

The Disputed Toll Transaction Detail Report for each NIOP Hub, between Hubs, shall contain the following fields, at a minimum:

1. Transaction Reference ID
2. Record Type
3. Tag Agency ID
4. Tag Serial Number
5. License Plate Country
6. License Plate State
7. License Plate Number
8. Home Agency
9. Away Agency
10. Facility ID
11. Exit Plaza
12. Vehicle Class
13. Exit Date/Time
14. Dispute Date/Time
15. Dispute Reason
16. Dispute Status
17. Reject Reason
18. Dispute Resolution Date/Time
19. Adjustment Date/Time
20. Original Amount \$
21. Adjustment \$
22. New Amount \$
23. No Adjustment Applied \$

Although the list above contains the minimum set of columns, the samples below contain additional fields.

Please refer to the NIOP ICD for specific field definitions.

Figure 5: NIOP Disputed Toll Transaction Detail Report Sample

Central US Disputed Transaction

Selection Criteria:
 Time Zone: Local
 Start Date/Time: 03/01/2023 00:00:00
 End Date/Time: 03/17/2023 23:59:59
 Date Type: Dispute Date/Time
 Away Agency: All
 Home Agency: North Texas Tollway Authority (0041)
 Dispute Status: All
 Tag Agency ID: All
 Tag Serial Number: All
 License Plate Country: All
 License Plate State: All
 License Plate Number: All
 Column Sort 1: Transaction Reference ID
 Column Sort 2: Ascending
 Generated By: North Texas Tollway Authority

User: DTRAPP
 Run Time: 03/17/2023 10:32:32

Dispute Status	
A - Accepted	C - Cancelled
E - Expired	P - Pending
R - Rejected	

Transaction Reference ID	Record Type	Tag Agency ID	Tag Number	License Plate Country	License Plate State	License Plate Number	Home Agency	Away Agency	Facility ID	Exit Plaza	Vehicle Class	Exit Date/Time	Dispute Date/Time	Dispute Reason	Dispute Status	Reject Reason	Dispute Resolution Date/Time	Adjustment Date/Time	Adjustment Reason	Original Amount \$ A	Adjustment \$ B	New Amount \$ (A+B+C)	No Adjustment Applied \$ D
228465986	VB01	1110	08790092	US	TX	GRBFLL	NITA	HCTRA	HDV	HDV5	2	12/18/2022 18:04:09	03/01/2023 17:19:31	License Plate mismatch	A		03/03/2023 08:26:11			1.50	0.00	0.00	1.50
230090846	VB01	1110	08790092	US	TX	GRBFLL	NITA	HCTRA	TMS	HTFMC	2	01/04/2023 10:41:25	03/01/2023 17:19:31	License Plate mismatch	A		03/03/2023 08:26:11			1.50	0.00	0.00	1.50
235952610	VB01	1110	08790092	US	TX	GRBFLL	NITA	HCTRA	SHT	SHZAP	2	02/18/2023 17:24:50	03/01/2023 17:19:31	License Plate mismatch	A		03/03/2023 08:26:11			1.20	0.00	0.00	1.20
254757934	TB01	1111	05190062	US	TX	2420H88	NITA	CTRMA	183S	THOMPSON MLNB	2	03/07/2023 08:34:14	03/13/2023 11:42:02	License Plate mismatch	A		03/13/2023 13:50:18			1.22	0.00	0.00	1.22
254753454	TB01	1111	05190062	US	TX	2420H88	NITA	CTRMA	183S	515MLNB	2	03/07/2023 08:34:53	03/13/2023 11:42:02	License Plate mismatch	A		03/13/2023 13:50:18			1.41	0.00	0.00	1.41
254823076	TB01	1111	05190062	US	TX	2420H88	NITA	CTRMA	183S	MLNMLNB	2	03/07/2023 17:52:51	03/13/2023 11:42:02	License Plate mismatch	A		03/13/2023 13:50:18			1.41	0.00	0.00	1.41
254823082	TB01	1111	05190062	US	TX	2420H88	NITA	CTRMA	183S	THOMPSON MLNB	2	03/07/2023 17:52:27	03/13/2023 11:42:02	License Plate mismatch	A		03/13/2023 13:50:18			1.22	0.00	0.00	1.22
380230840	TB01	1110	15699518	US	TX	2420H88	NITA	THEA	618MLEB	101780	2	03/13/2023 06:45:08	03/16/2023 13:42:32	Duplicate charge	P		03/15/2023 09:15:54			1.98	0.00	0.00	1.98
380230810	TB01	1110	15699518	US	TX	2420H88	NITA	THEA	618MLEB	101780	2	03/14/2023 15:58:49	03/16/2023 13:42:32	Duplicate charge	P		03/15/2023 09:15:54			1.98	0.00	0.00	1.98
23015000279370040	TB01	1110	15377283	US	TX	GRBFLL	NITA	TTA	130	MGCRP	4	03/13/2023 11:58:18	03/14/2023 09:57:46	Incorrect charge applied/mismatched transaction	A		03/15/2023 09:15:54			6.15	0.00	0.00	6.15
23016000284100184	VB01	1110	15377283	US	TX	GRBFLL	NITA	TTA	130	ADPFP	2	03/07/2023 12:23:11	03/09/2023 10:14:09	License Plate mismatch	A		03/13/2023 13:28:32			2.05	0.00	0.00	2.05
230019000276200571	TB01	1110	15377283	US	TX	GRBFLL	NITA	TTA	130	ADPFP	4	03/13/2023 11:00:02	03/14/2023 09:57:46	Incorrect charge applied/mismatched transaction	A		03/15/2023 09:15:54			6.15	0.00	0.00	6.15
23023000206710407	VB01	1111	0486044	US	TX	JHSB46	NITA	TTA	130	CMRNP	2	01/13/2023 19:18:52	03/03/2023 09:16:34	License Plate mismatch	A		03/06/2023 10:01:11			2.05	0.00	0.00	2.05
23002300027290665	TB01	1110	15377283	US	TX	GRBFLL	NITA	TTA	130	MGCRP	4	02/08/2023 13:38:45	03/14/2023 09:57:46	Incorrect charge applied/mismatched transaction	A		03/15/2023 09:15:54			6.15	0.00	0.00	6.15
23024000277020792	TB01	1110	15377283	US	TX	GRBFLL	NITA	TTA	130	CMRNP	4	02/08/2023 13:48:48	03/14/2023 09:57:46	Incorrect charge applied/mismatched transaction	A		03/15/2023 09:15:54			6.15	0.00	0.00	6.15
23006000285660630	VB01	1110	15377283	US	FL	GDW437	NITA	TTA	SDPW	AVENB	3	01/17/2023 08:38:50	03/10/2023 11:17:36	License Plate mismatch	R	Other	03/13/2023 13:23:16			1.04	0.00	0.00	1.04
23003000276195073	TB01	1110	15377283	US	TX	GRBFLL	NITA	TTA	130	SKYSP	15	02/08/2023 14:15:06	03/14/2023 09:57:46	Incorrect charge applied/mismatched transaction	A		03/15/2023 09:15:54			10.19	0.00	0.00	10.19

Note: Disputes that have not been resolved will be reported without adjustment information. This is a sample report. Additional fields may be added, as needed, by each Hub.

The required fields are highlighted in green in the embedded csv sample.



Transaction Inquiries 03.01.23 - (Transaction Inquiries 03.01.23 - (

1.4 Settlement Statements

1.4.1 Toll Settlement

The Toll Settlement for each NIOP Hub, between Hubs, shall contain the following fields, at a minimum:

1. Away Agencies
2. Home Agencies
3. Generated by Hub
4. Period
5. Groupings by Home Agency and Away Agency that represent the Toll owed to the Away Agency
6. Accepted Transactions # - this may include the accepted resubmitted transaction quantity if another separate row is not listed
7. Accepted Transactions \$ - this may include the accepted resubmitted transaction \$ amount if another separate row is not listed
8. Accepted Adjustments # - this may include the accepted resubmitted adjustment quantity if another separate row is not listed
9. Accepted Adjustments \$ - this may include the accepted resubmitted adjustment \$ amount if another separate row is not listed
10. Totals for the Home Agency and Away Agency
11. Repeated section until every Home Agency and Away Agency is reported
12. Report Totals

For reconciliation purposes between hubs, the Reconciliation Date (2nd ACK Date) in UTC shall be used.

Although the list above contains the minimum set of columns, the samples below contain additional fields.

Please refer to the NIOP ICD for specific field definitions.

Figure 6: NIOP Settlement Statement Sample – Tolls Example

NIOP Toll Settlement

Home Agencies:
Florida Turnpike Enterprise

Away Agencies:
Kansas Turnpike Authority
North Texas Tollway Authority
Oklahoma Turnpike Authority

Generated By: Central US Hub

Activity for the Period: 03/14/2023 to 03/14/2023

Florida Turnpike Enterprise Customers on Kansas Turnpike Authority Roads:

	Transaction Quantity	Toll Transaction Amount
Accepted Transactions:	200	1,270.00
Accepted Resubmitted Transactions:	0	0.00
Accepted Adjusted Transactions:	0	0.00
Accepted Resubmitted Adjusted Transactions:	0	0.00
Toll Amount Due:		\$1,270.00

Florida Turnpike Enterprise Customers on North Texas Tollway Authority Roads:

	Transaction Quantity	Toll Transaction Amount
Accepted Transactions:	13,711	61,161.50
Accepted Resubmitted Transactions:	0	0.00
Accepted Adjusted Transactions:	0	0.00
Accepted Resubmitted Adjusted Transactions:	0	0.00
Toll Amount Due:		\$61,161.50

Florida Turnpike Enterprise Customers on Oklahoma Turnpike Authority Roads:

	Transaction Quantity	Toll Transaction Amount
Accepted Transactions:	736	2,019.65
Accepted Resubmitted Transactions:	0	0.00
Accepted Adjusted Transactions:	0	0.00
Accepted Resubmitted Adjusted Transactions:	0	0.00
Toll Amount Due:		\$2,019.65

Total Toll Due: \$64,451.15
Total Transactions: 14,647

The required fields are highlighted in green in the embedded csv sample.



Settlement - Tolls.pdf



Settlement - Tolls.csv

1.4.2 Fee Settlement

The Fee Settlement for each NIOP Hub, between Hubs, shall contain the following fields, at a minimum:

1. Away Agencies
2. Home Agencies
3. Generated by Hub
4. Period
5. Groupings by Home Agency and Away Agency that represent the Fee owed to the Home Agency
6. Accepted Transactions Quantity
7. Accepted Transaction Toll Amount
8. Fixed Fee Amount
9. % Fee Amount
10. Total Fees Due the Home Agency
11. Repeated section until every Home Agency and Away Agency is reported
12. Report Total Fees Due

For reconciliation purposes between hubs, the Reconciliation Date (2nd ACK Date) in UTC shall be used.

Although the list above contains the minimum set of columns, the samples below contain additional fields.

Please refer to the NIOP ICD for specific field definitions.

Figure 7: NIOP Settlement Statement Sample – Fees Example

NIOP Fee Settlement

Home Agencies:
Florida Turnpike Enterprise

Away Agencies:
Kansas Turnpike Authority
North Texas Tollway Authority
Oklahoma Turnpike Authority

Generated By: Central US Hub

Activity for the Period: 03/14/2023 to 03/14/2023

Florida Turnpike Enterprise Customers on North Texas Tollway Authority Roads:

	Transaction Quantity	Toll Transaction Amount	Total Fees Due
Fixed Fees:	13,711	61,161.50	0.00
Fee %:	13,711	61,161.50	1,835.96
Total Fees:			\$1,835.96

Florida Turnpike Enterprise Customers on Oklahoma Turnpike Authority Roads:

	Transaction Quantity	Toll Transaction Amount	Total Fees Due
Fixed Fees:	736	2,019.65	0.00
Fee %:	736	2,019.65	61.50
Total Fees:			\$61.50

Florida Turnpike Enterprise Customers on Kansas Turnpike Authority Roads:

	Transaction Quantity	Toll Transaction Amount	Total Fees Due
Fixed Fees:	200	1,270.00	0.00
Fee %:	200	1,270.00	38.28
Total Fees:			\$38.28

Total Fees Due: **\$1,935.74**

Total Transactions: **14,647**
 Total Fixed Fee Transactions: 14,647
 Total Fee Percent Transactions: 14,647

The required fields are highlighted in green in the embedded csv sample.



Settlement - Fees.pdf



Settlement - Fees.csv

1.5 Submission Performance Report

The Submission Performance report for each NIOP Hub, between Hubs, shall contain the following fields, at a minimum:

1. Hub Submission Receive Date/Time
2. From – Whom (which Hub) the Submission was from
3. Submission Identifier – the name of the Submission received
4. Record Count # - The number of records in the submission
5. Hub ACK Date/Time – the date and time the receiving Hub ACKed the submission
6. ACK Return Code – the ACK return code

If multiple ACKs are expected, a second row will report the 2nd ACK.

Although the list above contains the minimum set of columns, the samples below contain additional fields.

Every submission shall be reported (transactions, corrections, Tag Validation lists, License Plate Validation lists and reconciliations).

Figure 8: NIOP Submission Performance Report Sample – Part 1

Central US Submission Performance

Selection Criteria:
Time Zone: Local
Start Date/Time: 3/14/2023 00:00:00
End Date/Time: 3/14/2023 23:59:59
Submission Agency/Hub: All Southeast US Hub Agencies
Report Section: All
Received Submissions Date Type: Hub Submission Receive Date/Time
Sent Submissions Date Type: Hub Submission Sent Date/Time
Submission Type: All

User: BJEWELL
Run Time: 03/15/2023 14:37:09

Generated By: Central US Hub

Received Submissions:

Hub Submission Receive Date/Time	From	Submission Identifier	Record Count #	Hub ACK Date/Time	Hub Submission Forwarded Date/Time	Forwarded To	Forwarded To Hub/Agency ACK Date/Time	ACK Return Code	Return Code Description
03/14/2023 00:00:38	Southeast US Hub (9001)	9001_0035_0041_20230314090027.SRECON	327	03/14/2023 01:45:53				13	Reconciliation Acknowledgement. Reconciliation Date defined.
		9002_0000_0041_20230314062125.SRECON	16,780	03/14/2023 00:00:48	03/14/2023 01:21:36	North Texas Tollway Authority (0041)	03/14/2023 01:45:53	11	Reconciliation calculations incorrect. Submission processed.
03/14/2023 00:00:46	Southeast US Hub (9001)	9001_0035_0041_20230314050041.SRECON	264	03/14/2023 00:01:00				00	Submission successfully received and verified.
		9002_0000_0041_20230314064112.SRECON	20,891	03/14/2023 02:14:59	03/14/2023 01:41:23	North Texas Tollway Authority (0041)	03/14/2023 02:14:59	11	Reconciliation calculations incorrect. Submission processed.
03/14/2023 00:00:58	Southeast US Hub (9001)	9001_0035_0041_20230314050050.SRECON	284	03/14/2023 00:44:52				13	Reconciliation Acknowledgement. Reconciliation Date defined.
		9002_0000_0041_20230314051059.SRECON	20,844	03/14/2023 00:01:15	03/14/2023 00:11:11	North Texas Tollway Authority (0041)	03/14/2023 00:44:52	11	Reconciliation calculations incorrect. Submission processed.
03/14/2023 02:00:35	Southeast US Hub (9001)	9001_0035_0041_20230314070030.SRECON	280	03/14/2023 02:00:43				00	Submission successfully received and verified.
		9002_0000_0041_20230314122114.SRECON	17,636	03/14/2023 08:02:35	03/14/2023 07:21:29	North Texas Tollway Authority (0041)	03/14/2023 08:02:35	11	Reconciliation calculations incorrect. Submission processed.
03/14/2023 06:00:39	Southeast US Hub (9001)	9001_0035_0041_20230314110030.SRECON	264	03/14/2023 06:00:46				00	Submission successfully received and verified.
		9002_0000_0041_20230314112120.SRECON	14,034	03/14/2023 07:29:27	03/14/2023 06:21:30	North Texas Tollway Authority (0041)	03/14/2023 07:29:27	11	Reconciliation calculations incorrect. Submission processed.
03/14/2023 06:00:44	Southeast US Hub (9001)	9001_0035_0041_20230314110037.SRECON	268	03/14/2023 07:03:26				13	Reconciliation Acknowledgement. Reconciliation Date defined.
		9002_0000_0041_20230314112109.SRECON	22,223	03/14/2023 06:00:51	03/14/2023 06:21:23	North Texas Tollway Authority (0041)	03/14/2023 07:03:26	11	Reconciliation calculations incorrect. Submission processed.
03/14/2023 08:01:32	Southeast US Hub (9001)	9001_0035_0041_20230314130120.SRECON	575	03/14/2023 14:15:08				13	Reconciliation Acknowledgement. Reconciliation Date defined.
		9002_0000_0041_20230314184201.SRECON	4,457	03/14/2023 08:01:47	03/14/2023 13:42:10	North Texas Tollway Authority (0041)	03/14/2023 14:15:08	11	Reconciliation calculations incorrect. Submission processed.
03/14/2023 08:01:55	Southeast US Hub (9001)	9001_0035_0041_20230314130135.SRECON	987	03/14/2023 14:50:05				13	Reconciliation Acknowledgement. Reconciliation Date defined.
		9002_0000_0041_20230314184152.SRECON	4,668	03/14/2023 08:02:09	03/14/2023 13:42:01	North Texas Tollway Authority (0041)	03/14/2023 14:50:05	11	Reconciliation calculations incorrect. Submission processed.
03/14/2023 08:02:07	Southeast US Hub (9001)	9001_0035_0041_20230314130200.SRECON	487	03/14/2023 09:19:40				13	Reconciliation Acknowledgement. Reconciliation Date defined.
		9002_0000_0041_20230314135202.SRECON	2,657	03/14/2023 08:02:18	03/14/2023 08:52:12	North Texas Tollway Authority (0041)	03/14/2023 09:19:40	11	Reconciliation calculations incorrect. Submission processed.
03/14/2023 08:02:19	Southeast US Hub (9001)	9001_0035_0041_20230314130213.SRECON	263	03/14/2023 08:02:25				00	Submission successfully received and verified.
		9002_0000_0041_20230314184106.SRECON	18,002	03/14/2023 14:42:30				13	Reconciliation Acknowledgement. Reconciliation Date defined.

Figure 9: NIOP Submission Performance Report Sample – Part 2

Hub Submission Sent Date/Time	To	Submission Identifier	Record Count #	Sent To Hub/Agency ACK Date/Time	ACK Return Code	Return Code Description
03/14/2023 00:10:22	Southeast US Hub (9001)	9002_0041_0035_20230314051009.STRAN	562	03/14/2023 00:15:18	00	Submission successfully received and verified.
03/14/2023 01:00:37	Southeast US Hub (9001)	9002_0041_0035_20230314060026.STRAN	409	03/14/2023 01:05:14	00	Submission successfully received and verified.
03/14/2023 01:50:51	Southeast US Hub (9001)	9002_0041_0035_20230314065040.STRAN	987	03/14/2023 01:55:26	00	Submission successfully received and verified.
03/14/2023 02:50:13	Southeast US Hub (9001)	9002_0041_0035_20230314075001.STRAN	1,225	03/14/2023 02:55:14	00	Submission successfully received and verified.
03/14/2023 03:40:11	Southeast US Hub (9001)	9002_0041_0035_20230314084000.STRAN	487	03/14/2023 03:45:34	00	Submission successfully received and verified.
03/14/2023 04:40:26	Southeast US Hub (9001)	9002_0041_0035_20230314094010.STRAN	575	03/14/2023 04:45:16	00	Submission successfully received and verified.
03/14/2023 05:20:12	Southeast US Hub (9001)	9002_0041_0035_20230314102000.STRAN	737	03/14/2023 05:25:14	00	Submission successfully received and verified.
03/14/2023 06:20:24	Southeast US Hub (9001)	9002_0041_0035_20230314112013.STRAN	613	03/14/2023 06:25:13	00	Submission successfully received and verified.
03/14/2023 07:30:13	Southeast US Hub (9001)	9002_0041_0035_20230314123001.STRAN	779	03/14/2023 07:40:14	00	Submission successfully received and verified.
03/14/2023 07:50:03	Southeast US Hub (9001)	9002_0055_0035_20230314125000.STRAN	752	03/14/2023 07:55:09	00	Submission successfully received and verified.
03/14/2023 08:20:25	Southeast US Hub (9001)	9002_0041_0035_20230314132013.STRAN	996	03/14/2023 08:25:17	00	Submission successfully received and verified.
03/14/2023 09:20:13	Southeast US Hub (9001)	9002_0041_0035_20230314142001.STRAN	602	03/14/2023 09:25:15	00	Submission successfully received and verified.
03/14/2023 10:10:25	Southeast US Hub (9001)	9002_0041_0035_20230314151014.STRAN	414	03/14/2023 10:15:15	00	Submission successfully received and verified.
03/14/2023 10:40:23	Southeast US Hub (9001)	9002_0056_0035_20230314154021.STRAN	222	03/14/2023 10:45:13	00	Submission successfully received and verified.
03/14/2023 11:20:18	Southeast US Hub (9001)	9002_0041_0035_20230314162006.STRAN	471	03/13/2023 23:25:13	00	Submission successfully received and verified.
03/14/2023 11:41:14	Southeast US Hub (9001)	9002_0055_0037_20230314164106.SRECON	8	03/13/2023 23:45:13	00	Submission successfully received and verified.
				03/14/2023 12:00:04	13	Reconciliation Acknowledgement. Reconciliation Date defined.
03/14/2023 11:41:22	Southeast US Hub (9001)	9002_0055_0035_20230314164114.SRECON	35	03/13/2023 23:45:20	00	Submission successfully received and verified.
				03/14/2023 12:00:04	13	Reconciliation Acknowledgement. Reconciliation Date defined.
03/14/2023 11:41:28	Southeast US Hub (9001)	9002_0055_0035_20230314164121.SRECON	53	03/13/2023 23:45:25	00	Submission successfully received and verified.
				03/14/2023 12:00:04	13	Reconciliation Acknowledgement. Reconciliation Date defined.
03/14/2023 11:41:35	Southeast US Hub (9001)	9002_0055_0037_20230314164128.SRECON	7	03/13/2023 23:45:31	00	Submission successfully received and verified.
				03/14/2023 12:00:04	13	Reconciliation Acknowledgement. Reconciliation Date defined.
03/14/2023 11:41:44	Southeast US Hub (9001)	9002_0055_0037_20230314164134.SRECON	8	03/13/2023 23:45:35	00	Submission successfully received and verified.
				03/14/2023 12:00:04	13	Reconciliation Acknowledgement. Reconciliation Date defined.
03/14/2023 11:41:49	Southeast US Hub (9001)	9002_0055_0037_20230314164141.SRECON	8	03/13/2023 23:45:49	00	Submission successfully received and verified.
				03/14/2023 12:00:04	13	Reconciliation Acknowledgement. Reconciliation Date defined.
03/14/2023 12:00:36	Southeast US Hub (9001)	9002_0041_0035_20230314170024.STRAN	303	03/14/2023 12:05:22	00	Submission successfully received and verified.
03/14/2023 12:02:08	Southeast US Hub (9001)	9002_0055_0035_20230314170158.SRECON	37	03/14/2023 12:05:29	00	Submission successfully received and verified.
				03/15/2023 03:33:59	13	Reconciliation Acknowledgement. Reconciliation Date defined.
03/14/2023 12:02:18	Southeast US Hub (9001)	9002_0055_0038_20230314170208.SRECON	5	03/14/2023 12:05:40	00	Submission successfully received and verified.
				03/15/2023 03:33:59	13	Reconciliation Acknowledgement. Reconciliation Date defined.
03/14/2023 12:02:29	Southeast US Hub (9001)	9002_0055_0038_20230314170218.SRECON	3	03/14/2023 12:05:45	00	Submission successfully received and verified.



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