# RESOLUTION OF THE RESOURCES AND DEVELOPMENT COMMITTEE OF THE 23rd NAVAJO NATION COUNCIL -- Third Year, 2017 

## AN ACTION

RELATING TO RESOURCES AND DEVELOPMENT; APPROVING THE NAVAJO DIVISION OF TRANSPORTATION 2017 TRIBAL TRANSPORTATION PROGRAM DELIVERABLES TO BE SUBMITIED TO THE BUREAU OF INDIAN AFEAIRS, NAVAJO REGIONAI OFFICE

## BE IT ENACTED:

SECTION ONE. Authority
A. Pursuant to 2 N.N.C. $£ 500(C)(6)$, the Resources and Development Committee has oversight authority over matters including planning and coordination of roads and transportation activities of the Navajo Nation.
B. Pursuant to 2 N.N.C. $\$ 501(B)(2)(b)$ the Resources and Development Committee has the power to grant final approval for Road and Transportation Plan prioritizing list for road and transportation projects.
C. Pursuant to 2 N.N.C. $\$ 501(C)$ the Resource and Development Committee has oversight authority over the Division of Transportation.

## SECTION TWO. Findings

A. The Navajo Nation Division of Transportation each year submits the Navajo Division of Transportation Tribal Transportation Program Deliverables packet to the Bureau of Indian Affairs, Navajo Regional Office.
B. Exhibit $A$, attached hereto, consists of the Navajo Division of Transportation Tribal Transportation Program Deliverables packet for 2017 which includes a letter from Navajo Nation President Russell Begay, letter dated February 2, 2017 from Garret Silversmith, Division Director, Navajo Nation Division of Transportation to the Bureau of Indian Affairs Regional Director; the 2017 Long Range Transportation Plan Addendum: and, the Tribal Transportation Program Public Involvement Certification.

SECTION THREE. Approval of Submission of the Navajo Division of Transportation 2017 Tribal Transportation Program Deliverables

The Resources and Development Committee of the Navajo Nation Council hereby approves the Navajo Division of Transportation 2017 Tribal Transportation Program Deliverables packet, Exhibit A, to be submitted to the Bureau of Indian Affairs, Navajo Regional Office.

## CERTIFICATION

I, hereby, certify that the following resolution was duly considered by the Resources and Development Committee of the 23rd Navajo Nation Council at a duly called meeting at NDOT, The Bonito, (Navajo Nation) New Mexico, at which quorum was present and that same was passed by a vote of 4 in favor, 0 opposed, 1 abstained this $7^{\text {th }}$ day of March, 2017.


Motion: Honorable Leonard H. Pete
Second: Honorable Davis Filfred

# 2017 Tribal Transportation Program Deliverables 



Navajo Division of Transportation
Department of Transportation Planning
PO Box 4620
Window Rock, AZ 86515
(505) 371-8300/8307
www.navajodot.org

February 10, 2017

NAVAJO DIVISION OF TRANSPORTATION

# Garret Silversmith, Division Director 

 gsilversmith@navajodot.orgFebruary 10, 2017

# 2017 Tribal Transportation Program Deliverables 

Submitted to:

Bureau of Indian Affairs<br>Navajo Regional Office Gallup, NM

Submitted by:<br>The Navajo Division of Transportation Department of Transportation Planning Window Rock, AZ

February 10, 2017

## NAVAJO DIVISION OF TRANSPORTATION

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PH. (505) 371-8300
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TAB 2 - Navajo Nation Council Resources and Development Committee Tribal Resolution
TAB 1 - Letters

Tribal Resolution


TAB 3-2017 Long Range Transportation Plan (LRTP) Update including hardcopy of complete route section list and supporting documents

TAB 4 - TTP Public Involvement Certification

## 2017 Tribal

Transportation
Program
Deliverables

February 2, 2017

Ms. Sharon Pinto, Regional Director
Bureau of Indian Affairs - Navajo Regional Office
P.O. Box 1060

Gallup, New Mexico 87301-1060
Re: 2017 Navajo Tribal Transportation Program Deliverables

Dear Ms. Pinto,
The letter is to inform you that the Navajo Division of Transportation is submitting the 2017 Navajo Tribal Transportation Program Deliverables of the National Tribal Transportation Facility Inventory (NTTFI) data.

The attached inventory deliverable is submitted by tribal governments on an annual basis and is used by the Bureau of Indian Affairs Department of Transportation (BIADOT) and Indian Tribes for roadway improvement, maintenance and planning purposes. As a part of the Bureau of Indian Affairs (BIA), Tribal Transportation Program (TTP) and in compliance with the updated Federal Highway Administration (FHWA) 25 CFR Part 170, subparts C \& D, Tribal governments within the United States are required to submit NTTFI data to the BIADOT for inclusion into the National Tribal Transportation Facility Inventory.

Annually, the Navajo Division of Transportation submits the TTP Deliverables. The Navajo Division of Transportation compiles, updates and collaborates in the preparation and submission of the TTP deliverables to the BIA as a part of the Programmatic Agreement with the FHWA and the Navajo Division of Transportation has made it a priority to keep the BIA involved and aware of its intentions in the development of road inventory data of the Navajo Nation.

Your assistance in providing the necessary and continued support to the Navajo Division of Transportation's TTP is greatly appreciated. Please contact the Navajo Nation Office of the President and Vice President for any questions at (928) 871-7915.

Sincerely,

cc: Garret Silversmith Division Director - Navajo Division of Transportation
Karen B. Benally, Department Manager - Planning Department, Navajo Division of Transportation

Garret Silversmith, Division Director
gsilversmith@navajodot.org

## February 2, 2017

Ms. Sharon Pinto, Regional Director
Bureau of Indian Affairs - Navajo Regional Office
P.O. Box 1060

Gallup, NM 87301-1060

Arlando Teller, Deputy Director ateller@navajodot.org

## RE: 2017 Tribal Transportation Program Deliverables

Dear Ms. Pinto:
The Navajo Division of Transportation (Navajo DOT) realizes the importance of the Tribal Transportation Program (TTP) deliverables and the impact that the completed activities will have on our collective ability to plan, improve and maintain roads that serve the citizens and communities of the Navajo Nation. Therefore the Navajo DOT continues to make updating our TTP a high priority and has assigned the appropriate Transportation Planning Program (TPP) resources to expedite the tasks necessary to submit annually new and updated road information to the transportation program as required by and according to the 25 CFR Part 170. Therefore, the enclosed package will serve as part of the Navajo DOT 2017 National Tribal Transportation Facility Inventory (NTTFI) submission.

Navajo DOT has met the minimum requirements of the Federal Highway Administration's (FHWA) updated National Tribal Transportation Facility Inventory (NTTFI) under 25 CFR Part 170.

Your assistance in providing the necessary support to the Navajo Division of Transportation's efforts in this matter is appreciated. If you have any questions, please contact me at (505) 371-8300.

Sincerely,


Garret Silversmith, Division Director
NAVAJO DIVISION OF TRANSPORTATION

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## Pending

## Resources and Development Resolution

## The 2017 Navajo Nation Road Inventory February 17, 2017

## THE 2017 LONG RANGE TRANSPORTATION PLAN ADDENDUM

This 2017 Long Range Transportation Plan is an update and addendum to the previous year Navajo Nation Long Range Transportation Plans, to reflect changes due to the submittal of the 2017 road inventory updates by the Navajo Division of Transportation. This includes re-submittal of the In-Process corrections from 20072017.

## 2017 Road Inventory:

A total of 4.0 miles of new public roads are added to BIA, Tribal and County road systems.

These routes are added for they are current and proposed roads providing access to community and developments. They are school bus routes and/or served to provide other transportation services to the Navajo Nation residents.

## 2007-2017 In-Process Corrections:

A total of 878.8 miles are re-submitted or have been corrected as part of the InProcess.

## 2007-2017 Deletions:

A total of 107.8 miles are deleted from the inventory. These deleted miles did not meet the criteria for public roads or public requested to have it removed from the Inventory.

## Total 2017 Submission Mileage:

A Grand Total of 990.6 miles submitted including routes to be deleted.
The following page shows a table identifying mileage of new routes added and resubmittal of the previous years' in-process.

## 2017 Navajo Nation LRTP:

Attached is the 2017 Navajo Nation Long Range Transportation Plan update, a list identifying route information, road improvement needs and reasons to update, add/delete of these submitted public routes.

## NAVAJO DIVISION OF TRANSPORTATION

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## Garret Silversmith, Division Director <br> gsilversmith@navajodot.org

February 17, 2017
Ms. Sharon Pinto, Regional Director
Bureau of Indian Affairs - Navajo Regional Office
P.O. Box 1060

Gallup, New Mexico 87301-1060

## RE: 2017 Tribal Transportation Program Deliverables

In accordance with the Tribal Transportation Planning Program's regulation 25 CFR Part 170, Subparts C \& D, enclosed please find the Navajo Division of Transportation (Navajo DOT) 2017 Tribal Transportation Program (TTP) submission update package. This year's submission consists of the following attachments:

Tab 1: Letters
Tab 2: Signed copy of the Navajo Nation Council Resources and Development Committee Tribal Resolution
Tab 3: 2017 Long Range Transportation Plan (LRTP) Update including hardcopy of complete route section list and supporting documents
Tab 4: Signed copy of the TTP Public Involvement Certification
Tab 5: CD containing all required electronic files for the 2017 submission. Files included are the LRTP master section list along with Strip Maps, Location Maps, Inventory Reports (BIA 5704 Form) for all included sections and other required documents.

## MILEAGE, ROUTE AND SECTION SUMMARIES <br> The Grand Total of 990.6 miles of TTP 2017 updates submission is summarized as following:

a. These roads have not been previously submitted for inclusion in the TTP Deliverable, and should therefore be considered as new system entries into RIFDS. Refer to the following table.

Table 1: Summary of New 2017 TTP Tribal Roads

| $\sqrt{4}$ | wheage |  |  |
| :---: | :---: | :---: | :---: |
| New Lands (00) | 0 | 0 | 0 |
| Shiprock (32) | 0 | 0 | 0 |
| Western (33) | 0 | 0 | 0 |
| Eastern (34) | 0 | 0 | 0 |
| Chinle (35) | 0 | 0 | 0 |
| Fort Defiance (36) | 0 | 0 | 0 |
| Totals | 0 | 0 | 0 |

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Table 1: Summary of New 2017 BIA Roads

| Anency | Antherge | S Mumber menthes | Whumber ofsectionse |
| :---: | :---: | :---: | :---: |
| New Lands (00) | 4.0 | 5 | 16 |
| Shiprock (32) | 0 | 0 | 0 |
| Western (33) | 0 | 0 | 0 |
| Eastern (34) | 0 | 0 | 0 |
| Chinle (35) | 0 | 0 | 0 |
| Fort Defiance (36) | 0 | 0 | 0 |
| Totals | 4.0 | 5 | 16 |

Table 1: Summary of New 2017 TTP County Roads

| Agency | +her Mileage | NumberofRoutes | Mumber of Sections, |
| :---: | :---: | :---: | :---: |
| New Lands (00) | 0 | 0 | 0 |
| Shiprock (32) | 0 | 0 | 0 |
| Western (33) | 0 | 0 | 0 |
| Eastern (34) | 0 | 0 | 0 |
| Chinle (35) | 0 | 0 | 0 |
| Fort Defiance (36) | 0 | 0 | 0 |
| Totals | 0 | 0 | 0 |

b. The additional 13.3 miles of tribal roads that were previously submitted were returned to the Navajo DOT by the NRO for requested updates. The updates were performed by the Navajo DOT and are being resubmitted for 2017, as follows:

Table 1: Summary of TTP Tribal Roads Being Resubmitted

| Agercy | MTHex | Whinmbeiphfanoutes, wh |  |
| :---: | :---: | :---: | :---: |
| New Lands (00) | 0 | 0 | 0 |
| Shiprock (32) | 2 | 2 | 2 |
| Western (33) | 1.9 | 2 | 6 |
| Eastern (34) | 6.8 | 8 | 8 |
| Chinle (35) | 2.6 | 5 | 5 |
| Fort Defiance (36) | 0 | 0 | 0 |
| Totals | 13.3 | 17 | 21 |

NAVAJO DIVISION OF TRANSPORTATION

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c. The additional 707.2 miles of BIA routes are being resubmitted, as follows:

Table 1: Summary of Previous TTP BIA Roads Being Resubmitted

| Agency | Wry Mileage | Wumber onfunter | 5- Humber or Sections |
| :---: | :---: | :---: | :---: |
| New Lands (00) | 0 | 0 | 0 |
| Shiprock (32) | 243.7 | 18 | 104 |
| Western (33) | 146.2 | 8 | 45 |
| Eastern (34) | 25.9 | 10 | 11 |
| Chinle (35) | 77.7 | 8 | 41 |
| Fort Defiance (36) | 213.7 | 15 | 105 |

d. The additional 31.3 miles of County routes are being resubmitted. The required County MOU is forthcoming and will be provided on or before June 15th 2017

Table 1: Summary of Previous TTP County Being Resubmitted

| Agency | Fty Mreage | Numberdr Routes | Whumber or Sections: |
| :---: | :---: | :---: | :---: |
| New Lands (00) | 0 | 0 | 0 |
| Shiprock (32) | 0 | 0 | 0 |
| Western (33) | 0 | 0 | 0 |
| Eastern (34) | 0 | 0 | 0 |
| Chinle (35) | 2.1 | 1 | 1 |
| Fort Defiance (36) | 29.2 | 10 | 12 |
| Totals | 31.3 | 11 | 13 |

e. There are 127 miles of Other ownership being resubmitted for 2017

Table 2: Summary of Previous TTP Other Roads Being Resubmitted

| W8ency | What Musage |  | 6annturkw Eectiondex |
| :---: | :---: | :---: | :---: |
| New Lands (00) | 0 | 0 | 0 |
| Shiprock (32) | 125.8 | 4 | 49 |
| Western (33) | 0 | 0 | 0 |
| Eastern (34) | 0 | 0 | 0 |
| Chinle (35) | 1.2 | 1 | 1 |
| Fort Defiance (36) | 0 | 0 | 0 |
| Totals | 127 | 5 | 50 |

Navajo Division of Transportation
TTP Summary Table

February 17, 2017
Page | 3

## NAVAJO DIVISION OF TRANSPORTATION

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The Navajo DOT is confident that this submission meets the minimum requirements for the 25 CFR Part 170 for the TTP Deliverable. We look forward to your review and comments. Should you have any questions or need additional information, please do not hesitate to contact our office at (505) 371-8307/8300.

Sincerely,
The Navajo Nation


> Garret Silversmith, Division Director NAVAJO DIVISION OF TRANSPORTATION

CC: File
Garret Silversmith, Division Director, Navajo DOT Arlando Teller, Deputy Division Director, Navajo DOT Karen Benally, Department Manager, Navajo DOT Herby Larsen, Regional Road Engineer, BIANRO


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| ＊ | ＊ | x | ＊ | ＊ | ＊ | ＊ |  |  |  | Łz | $\varsigma$ | 0 | 08 | $\tau$ | ${ }^{+}$ | zo | $9 \varepsilon$ | 1 | 2¢N | OHI－9E－08L－ZEN | $\angle 102$ |
| ＊ | ＊ | $x$ | ＊ | ＊ | ＊ | ＊ |  |  |  | ゅ乙 | s | 0 | 08 | $\tau$ | $\dagger$ | $9{ }^{\circ}$ | 98 | 1 | zen | 001－98－08L－zEN | 4102 |
| ＊ | ＊ | x | ＊ | ＊ | ＊ | ＊ |  |  <br>  －a＇әjepdn uoppransuo |  | 9 | $\stackrel{ }{s}$ | 0 | 08 | 乙 | $\stackrel{ }{ }+$ | $z 0$ | 9 E | 1 | 2EN | 66－98－08L－zEN | 4102 |
| ＊ | ＊ | $\times$ | ＊ | ＊ | ＊ | ＊ |  |  |  | $9 \varepsilon$ | $s$ | 0 | 08 | $\tau$ | ${ }^{+}$ | 90 | $9 \varepsilon$ | 1 | zen | L6－98．08L－zEN | 4102 |
| ＊ | ＊ | $x$ | ＊ | ＊ | ＊ | ＊ |  |  |  | 8 | $\checkmark$ | 0 | 08 | $\tau$ | $\downarrow$ | zo | 98 | 1 | zen | $96.98 \cdot 08 L-z E N$ | 4102 |
| ＊ | ＊ | x | ＊ | ＊ | ＊ | ＊ |  |  |  | $9 \varepsilon$ | $s$ | 0 | 08 | $\tau$ | $\stackrel{ }{*}$ | £0 | 95 | 1 | ZEN | 56－98－08L－z\％N | 4102 |
| ＊ | ＊ | x | ＊ | ＊ | ＊ | ＊ |  |  |  | $\downarrow$ ¢ | $s$ | 0 | 08 | $\tau$ | ${ }^{+}$ | $\downarrow$ ワ | 9 F | 1 | zen | ＊6－98－08L－zen | LIOz |
| ＊ | ＊ | $x$ | ＊ | ＊ | ＊ | ＊ |  |  |  | ゅて | $s$ | 0 | 08 | $\tau$ | ${ }^{\circ}$ | 60 | 98 | 1 | $z{ }^{\text {c }}$ | 06－9E－08L－zen | 4102 |
| ＊ | ＊ | $x$ | ＊ | ＊ | ＊ | ＊ |  |  |  | ャて | $s$ | 0 | 08 | z | ＋ | 90 | $9 \varepsilon$ | 1 | 乙ยก | 08－98－08L－z¢N | 4102 |
| ＊ | － | x | ＊ | ＊ | ＊ | ＊ |  |  |  | ゅて | s | 0 | 08 | $\tau$ | † | 90 | 98 | 1 | zen | 09－98．08L－zEN | 4102 |
| ＊ | － | x | ＊ | ＊ | ＊ | ＊ |  |  <br>  －ar＇mppdn uopmnsuop |  | ゅて | $\varsigma$ | 0 | 08 | $\tau$ | $\dagger$ | $t$＇s | 96 | 1 | zen | $55-98-088-z 6 \mathrm{~N}$ | 4102 |
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| ＊ | ＊ | x | ＊ | ＊ | ＊ | ＊ |  |  |  | ¢ | $\checkmark$ | 0 | 08 | $\tau$ | $\downarrow$ | 90 | 98 | 1 | $\tau \mathrm{E}$ | 0－98－08L－EEN | 4102 |
| ＊ | ＊ | $x$ | ＊ | ＊ | ＊ | ＊ |  |  |  | ${ }^{\text {tz }}$ | ${ }^{5}$ | 0 | 08 | $\tau$ | $\downarrow$ | ${ }^{10}$ | $9 \varepsilon$ | 1 | z¢N | 0z－98－08L－zEN | 4102 |
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| ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ${ }_{3}$ |
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| ＊ | ＊ | x | ＊ | ＊ | ＊ | － |  |  <br>  aseynns－al uo ajepdn uoqunnsuoう |  | $\stackrel{\text { ® }}{ }$ | ${ }^{+}$ | 0 | 56 | $\tau$ | s | 92 | 8905 | 1 | z¢N | 01－6905－08L－ZEN | $410 z$ |
| ＊ | ＊ | x | ＊ | ＊ | ＊ | ＊ |  | L！oz600t＇puz｜enә｜इи <br>  <br>  |  | ャて | $\checkmark$ | 0 | 58 | 1 | 5 | 51 | 8905 | 1 | zen | 0r－8905－08L－zEN | 402 |
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| ＊ | ＊ | X | － | ＊ | ＊ | ＊ |  | LIOZ600Z＇риซㅃеләрри <br>  <br>  |  | ぃて | $\checkmark$ | 0 | 58 | 1 | $s$ | $\tau \varepsilon$ | 8905 | 1 | z¢N | 01－8905－08L－zEN | 4102 |
| － | ＊ | x | ＊ | ＊ | ＊ | ＊ |  |  |  | z | 1 | 0 | 0 | z | s | $\varepsilon$ | 5905 | 1 | zen | ST－5900－08L－zEN | 4.02 |
| ＊ | ＊ | x | ＊ | ＊ | ＊ | ＊ |  |  |  | z | 1 | 0 | 0 | $\tau$ | $s$ | 9 | 5905 | 1 | zen | 01－5900－08L－zEN | 4102 |
| － | ＊ | x | ＊ | ＊ | ＊ | ＊ |  |  |  | $z \tau$ | $\checkmark$ | 0 | 06 | $\tau$ | $s$ | so | zils | 1 | zen | 01－ZIIS－08L－ZEN | 4102 |
| － | ． | x | ＊ | － | ＊ | － |  |  |  | 81 | 1 | 0 | SL | 1 | $s$ | 1 | 6605 | 1 | zen | 056605－08L－zEN | $\varepsilon 10 \tau$ |
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| ＊ | ＊ | x | ＊ | ＊ | ＊ | ＊ |  |  <br>  <br>  |  | ャz | $\checkmark$ | 0 | 56 | $\tau$ | s | 87 | tros | 1 | $z^{\text {z }}$ N | 0E－IE0S－08L－zEN | 4102 |
| － | ＊ | x | ＊ | ＊ | ＊ | ＊ |  | L10z600t＇pue｜วләри <br>  <br>  |  | $\pi$ | $\checkmark$ | 0 | 56 | ح | $\checkmark$ | to | $0: 05$ | 1 | z¢N | 01－010508L－zEN | 402 |
| ＊ | ＊ | x | ＊ | ＊ | ＊ | ＊ |  | LOZ $600 z^{\prime}$ puв <br>  20eyms－ar $\mathbf{u 0}$ ajbpdn uotionnsuo |  | z | $\dagger$ | 0 | 06 | て | $s$ | 1 | 0005 | 1 | z¢N | 012－000s－08L－zeN | 4102 |
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| ${ }^{03004}$ | JTVV | 4tocs | 40apn｜055 ${ }^{\text {a }}$ | ${ }^{\text {ssbII }}$ | WT | WS | SUNJWWOO | NOLLATGQ צO／GNV ＇sGlivadn yoa（s）NOSvis |  |  |  |  | TJs |  | ${ }^{\text {s5Elo }}$ |  | गno <br> raqum <br> pnox | d！ussaumo | โิวววงิ | ¢ipuopi uourse |  |


| ＊ | ＊ | x | － | ＊ | ＊ | ＊ |  |  |  | z | $s$ | 0 | 85 | $\tau$ | ¢ | $\varepsilon 0$ | ${ }^{160}$ | $\varepsilon$ | zen | p08－16t－084－z¢N | 402 |
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| ． | ＊ | $x$ | ． | ＊ | ＊ | ＊ |  |  |  | zぇ | $s$ | 0 | 85 | г | z | ${ }^{\circ}$ | 160 | ¢ | $z^{\text {c }}$ | ع08－165088－zen | $\angle 102$ |
| － | － | x | ＊ | ＊ | ＊ | － |  |  |  | ${ }^{\text {® }}$ | 5 | 0 | 85 | ${ }^{\text {r }}$ | ${ }^{\text {z }}$ | ＋0 | ${ }^{166}$ | $\varepsilon$ | zen | ${ }^{108-165-084-z E N}$ | 402 |
| ． | ． | x | ＊ | ， | ． | ＊ |  |  |  | bz | 5 | 0 | 08 | 亿 | z | ${ }^{48}$ | 291 | $\varepsilon$ | zen | 088－291］ | Lioz |
| ． | ． | $x$ | ＊ | ． | ． | － |  |  |  | ${ }^{\text {² }}$ | 5 | 0 | ${ }^{+9}$ | 2 | $\tau$ | ¢ ${ }^{\text {t }}$ | 291 | $\varepsilon$ | $\tau^{\text {c }}$ | 988.2914 | 4102 |
| ． | ． | x | ． | ． | － | ＊ |  |  |  | b | s | 0 | ${ }^{+9}$ | ${ }^{2}$ | ${ }^{2}$ | $\varepsilon \%$ | ${ }^{91}$ | $\varepsilon$ | z¢ | 088－2915 | 4102 |
| ． | ． | $\times$ | ＊ | ＊ | ＊ | ＊ |  |  |  | ${ }^{\square}$ | 5 | 0 | ${ }^{+9}$ | \％ | г | ${ }^{82}$ | 291 | $\varepsilon$ | ${ }^{\text {zen }}$ | غ88－29LI | 4102 |
| ． | ． | x | － | ＊ | ＊ | ＊ |  |  |  | ${ }^{\text {z }}$ | $s$ | 0 | 89 | ${ }^{7}$ | ${ }^{\text {r }}$ | 10 | 291 | $\varepsilon$ | z¢ | 028－79．1． | 4102 |
| ． | ． | x | ． | ＊ | ． | ． |  |  |  | ${ }^{2}$ | ${ }^{5}$ | 0 | 0 | 2 | ${ }^{2}$ | 5 | 291 | $\varepsilon$ | zEN | 918 －2941 | 2102 |
| ． | ． | $x$ | ＊ | ＊ | ＊ | ＊ |  |  |  | ${ }^{\text {p }}$ | 5 | 0 | 02 | z | ${ }^{\text {r }}$ | ${ }^{\circ} \mathrm{O}$ | ${ }^{291}$ | $\varepsilon$ | ${ }^{\text {cin }}$ | 018－291』 | 4102 |
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| － | ＊ | x | ＊ | ＊ | ＊ | ＊ |  |  |  | ${ }^{88}$ | $s$ | 0 | $5 L$ | $\tau$ | 9 | ， | $\stackrel{ }{+9}$ | $\varepsilon$ | $\mathrm{zen}^{\text {N }}$ | 028－7＞081－z¢ | ／ 102 |
| － | － | x | ． | ＊ | － | － |  |  |  | ${ }^{8}$ | $s$ | 0 | SL | て | 9 | L | ¢9 | $\varepsilon$ | zen | 058．09－084－72N | L102 |
| ＊ | ＊ | $x$ | ＊ | － | － | ＊ |  |  |  | ${ }^{8}$ | 5 | 0 | $5 L$ | 2 | 9 | $\varepsilon!$ | ${ }^{+9}$ | $\varepsilon$ | z¢ | 088－bs－08L－zen | 402 |
| ＊ | ＊ | $\times$ | ＊ | － | ， | ＊ |  |  |  | ${ }^{8}$ | 5 | 0 | st | r | 9 | 80 | $\stackrel{9}{ }$ | $\varepsilon$ | ${ }^{\text {zin }}$ | $928+90081-2 \mathrm{~N}$ | 4102 |
| ＊ | ． | $x$ | ＊ | ＊ | ＊ | ＊ |  |  <br>  |  | ${ }^{88}$ | 5 | 0 | sL | $\tau$ | 9 | 90 | $\pm 9$ | £ | zen | 12889908－zen | $\angle 102$ |
| ． | ． | x | ． | ＊ | ＊ | ＊ |  |  |  | ${ }^{8 \%}$ | 5 | 0 | SL | $\tau$ | 9 | $\varepsilon 0$ | $\square$ | $\varepsilon$ | zen | 028＋9008L－z5N | L00 |
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| － | － | x | － | ＊ | ＊ | ＊ |  | deve Tooydirs 'isurp pue |  | $\stackrel{\square}{2}$ | $s$ | 0 | $5 L$ | $\tau$ | 9 | $\varepsilon 9$ | ＋9 | $\varepsilon$ | zen | $918 \cdot 99-081-\mathrm{zK}$ | L102 |
| － | ． | x | ＊ | ＊ | ＊ | － |  |  |  | pr | $s$ | 0 | SL | $\tau$ | 9 | ¢ | 9 | $\varepsilon$ | zen | t18－9．084 2 EN | 4102 |
| ． | ． | $x$ | ＊ | ＊ | ＊ | ． |  |  |  | ャ2 | $s$ | 0 | SL | $\tau$ | 9 | 92 | ${ }^{19}$ | $\varepsilon$ | z¢ | z18．89．08L－zEN | 4102 |
| ＊ | ． | x | ＊ | ＊ | － | ＊ |  |  |  | \％ | $s$ | 0 | SL | $\tau$ | 9 | ro | ＋9 | $\varepsilon$ | $\tau$ ¢ | 018－p9．081－zEN | Lior |
| ＊ | ＊ | x | ． | － | － | ＊ |  |  |  | ${ }^{\text {® }}$ | $s$ | 0 | SL | z | 9 | ${ }^{\text {ct }}$ | $\stackrel{ }{ }$ | $\varepsilon$ | $z^{\text {en }}$ | $508-79.081-z \mathrm{EN}$ | 402 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | sosoord |  | OLlozzen |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ：splin［mo | $\mathrm{I}^{\text {＇epnoy }}$（9u） | Lenoz Lioz |  | coliozzen |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | $L \mathrm{~L}$ ¢ L | ：SIIM 1mo |  | vis Lloz |  |  |
| ＊ | ＊ | x | － | ＊ | ＊ | － |  |  |  | $z \tau$ | － | 0 | os | $\tau$ | － | 01 | 6605 | 1 | z¢N | 08．660－084－ZEN | 4.02 |
| ＊ | ＊ | x | ＊ | ＊ | ＊ | ＊ |  |  |  | ${ }^{2}$ | － | 0 | os | $\tau$ | $\checkmark$ | 12 | 6605 | 1 | $\tau^{\text {c }}$ | 0L－6605084－78N | 2102 |
| ＊ | － | x | ＊ | ＊ | ＊ | － |  |  |  | ${ }^{2}$ | － | 0 | os | г | ， | ¢0 | 6605 | 1 | $\chi^{\text {¢ }}$ | 096600－084－z5N | 4102 |
| ＊ | ＊ | x | ＊ | ＊ | ＊ | － |  |  |  | z | － | 0 | os | г | － | 1 | 6605 | 1 | zen | 05．6605088－zsN | 1102 |
| － | ＊ | x | ＊ | ＊ | ＊ | － |  |  |  | ${ }^{2 z}$ | ＊ | 0 | os | ${ }^{2}$ | ＋ | $\tau_{0}$ | 6605 | 1 | zen | 0¢6660－08－75N | 1102 |
| 00\％4 | savy | stoos | nougnosex | ${ }^{\text {sswo }}$ | wT | ws | SLNawxoo |  |  |  |  |  | ros |  | ${ }^{\text {sselj }}$ |  |  | dиягаимо | （suody | A！pupp moln |  |



| ＊ | L¢¢ | X | ＊ | ＊ | ＊ | ＊ | u0y | Sappdn |  | ¢ | $\dagger$ | 0 | 15 | 1 | 5 | \％ | 9100 | 1 | ع¢N | 09－9100－08L－EEN | $200 z$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ＊ | Ent | $\times$ | ＊ | ＊ | ＊ | ＊ | uogos |  |  | $0 \varepsilon$ | 1 | 0 | 0 | 1 | 5 | 59 | 9100 | 1 | £¢N | 0S－9：00－08t－EEN | L00\％ |
| ＊ | OLI | X | ＊ | ＊ | ＊ | ＊ | uotpos |  |  | $8 \tau$ | 1 | 0 | 0 | 1 | 5 | 8 8＇s | 9100 | 1 | £¢N | $0 \% 9100-08 L-\varepsilon$ c／ | L00\％ |
| ＊ |  | X | ＊ | ＊ | ， | ＊ | Hopmos | ＇salepdn biep uopleypyssyo pue J．av |  | 82 | 1 | 0 |  | 1 | 5 | 07 | 9100 | 1 | E¢N | 0¢9900－08L－EEN | L00Z |
| ＊ | 961 | $\underline{ }$ | ＊ | ＊ | ＊ | ＊ | u011093］ | －Szppdn uiep uoplegy |  | $8 \tau$ | 1 | 0 | 0 | 1 | 5 | 50 | 9100 | 1 | EEN | $01-9100-88 L-E E N$ | L002 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ${ }_{\text {ss }}$ |  | Ia Liozem |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 61 | ISTIES Leaicle | $\mathrm{I}^{\text {＇sanno }}$［Eq4， | HILLIOZ |  |  |
| ＊ | ＊ | X | ＊ | ＊ | ＊ | ＊ | पоррว |  |  | ゅ2 | $\varepsilon$ | 0 | 06 | 2 | 5 | 10 | LLLO | ？ | £ $\mathrm{E}^{\text {N }}$ | 059－LLLT0 $08 L-6 ¢ \mathrm{~N}$ | 2102 |
| ＊ | ＊ | X | ＊ | ＊ | ＊ | X | ＇uogros | guner IDS pur orpda ueprou！ |  | $9 \varepsilon$ | $\varepsilon$ | 0 | 06 | 2 | 5 | 10 | $\underline{L}$ | 2 | E¢N | 069－LLLOO－O8L－EEN | 2102 |
| x | 2898 | X | ＊ | ＊ | ＊ | ＊ |  | Lov |  | て | 5 | 0 | ${ }^{1} 6$ | z | $\pm$ | 1 | LLLO | r | EEN | 089－LLL0－08L－EEN | 2102 |
| X | SLEE | X | ＊ | ＊ | ＊ | ＊ |  | LCV |  | D2 | 5 | 0 | $\stackrel{7}{6}$ | $\tau$ | $\stackrel{\square}{\square}$ | 10 | LLLO | $\tau$ | E¢N | 029－LLLO－08L－E¢N | 2102 |
| X | 5LEE | X | ＊ | ＊ | ＊ | X |  | LIV |  | $9 \varepsilon$ | 5 | 0 | D6 | $\tau$ | $\tau$ | 10 | $\underline{L 2}$ | $\tau$ | EEN | 019－LLLOTOOL－E¢N | z10z |
| ＊ | ＊ | X | ＊ | ＊ | ＊ | ＊ |  |  |  | 92 | $\stackrel{\rightharpoonup}{*}$ | 0 | $5 L$ | 2 | $s$ | 50 | 1650 | 2 | ع¢N | OI－165008L－Ex | S10\％ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | S5300．${ }_{\text {d }}$－ut |  | LLIOZ EEN |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 00 |  | $1{ }^{\text {ssanay }}$ Suan | noo $\mathrm{m}^{3} \mathrm{~N} L$ | 102 mN |  |
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| 00／vo |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  | 2190］ |  | 91 | 1 | ＊ | ＊ | ． | ＊ | to | zsps | 2 | zen | ZStS－08L－EEN | $\underline{102}$ |
| ． | ＊ | ＊ | ＊ | ． | ＊ | ＊ |  | มมํ习 |  | 91 | 1 | ＊ | ＊ | ＊ | ＊ | 10 | 0615 | $\tau$ | ZEN | $0615081-2 \mathrm{~N}$ | 4102 |
| ＊ | ＊ | ＊ | － | $*$ | ＊ | ＊ |  | 21p |  | 9 |  | ＊ | － | ＊ | ＊ | 20 | 6641 | $\tau$ | z¢N | $66 L 1-08 L-2 E N$ | Lioz |
| ＊ | ＊ | ＊ | $*$ | ＊ | ． | ＊ |  | 2910 |  | 91 | ， | ＊ | ＊ | ＊ | ＊ | 10 | 8641 | $\tau$ | zeN | 86L1－08L－ZEN | $210 z$ |
| ＊ | ＊ | ＊ | ． | ＊ | ＊ | ＊ |  | 21p］ |  | 91 | 1 | ＊ | ＊ | ＊ | ＊ | I0 | L6L1 | $\tau$ | z¢N | L6L1－08L－ZEN | 102 |
| ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  | 9100 ac |  | 91 | 1 | ＊ | ＊ | ＊ | ＊ | 20 | 96.1 | r | z¢N | $9641.084-2 E N$ | 4102 |
| ＊ | － | ＊ | ＊ | ＊ | ＊ | $\pm$ |  |  |  | 91 | 1 | $+$ | ＊ | ＊ | ＊ | 10 | 5621 | z | Z $\mathrm{EN}_{\mathrm{N}}$ | S6LC－08L－ZEN | $410 z$ |
| ． | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  | ข \％ $\mathrm{pag}^{\text {a }}$ |  | 91 | 1 | － | ＊ | ＊ | ＊ | $\varepsilon 0$ | 6641 | z | zen | ＋6L1－08L－zeN | 4102 |
| ＊ | － | ＊ | ＊ | ＊ | ＊ | ＊ |  | ${ }^{\text {20］}}$ ¢ |  | 91 | 1 | ＊ | ＊ | ＊ | ＊ | 10 | £6LI | $z$ | z¢N | ع6L1－08L－ZEN | 4102 |
| ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  | 2010a |  | 91 | 1 | ＊ | ＊ | ＊ | ＊ | 20 | 2641 | r | zEN | $26 L 108 L-2 E N$ | 4102 |
| ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  | ม1p10 |  | 91 | 1 | ＊ | ＊ | ＊ | ＊ | 10 | 6821 | r | zEN | 684－08L－zEN | 402 |
| － | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  | ขวขํา |  | 91 | 1 | ＊ | ＊ | ＊ | ＊ | $\mathrm{I}^{\circ} \mathrm{O}$ | 8841 | 乙 | zEN | 88L1－08L－zEN | 402 |
| － | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  | 2：\％10］ |  | 91 | 1 | ＊ | ＊ | ＊ | ＊ | ro | 484 | r | zen | L8L1－08L－ZEN | 402 |
| ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  | эァロ |  | 91 | 1 | ＊ | ＊ | － | － | $\tau_{0}$ | 9841 | ${ }^{2}$ | zEN | 98L－084－2EN | 402 |
| ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  | श：910］ |  | 91 | 1 | ＊ | ＊ | ＊ | ＊ | to | 58 LI | $\tau$ | $z \in N$ | 58L1－08L－zEN | $\angle 102$ |
| ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  | ขขขด |  | 91 | 1 | ＊ | ＊ | ＊ | ＊ | 10 | 5841 | z | zEN | ＋8L1－08L－ZEN | 402 |
| ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  | ขวคจ |  | 91 | 1 | ＊ | ＊ | － | － | 50 | E8L1 | z | zen | £8L1－08L－zEN | Lior |
| ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  | ม1｜0¢ |  | 91 | 1 | ＊ | ＊ | ＊ | ＊ | 10 | z8i 1 | $\tau$ | $\tau E N$ | 28L1－08L－zEN | $L 102$ |
| ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  | 2192a |  | 91 | 1 | ＊ | ＊ | ＊ | ＊ | 10 | 1841 | $\tau$ | ZEN | $18 L 1-08 /-2 E N$ | $L 102$ |
| ＊ | ＊ | － | ＊ | ＊ | ＊ | ＊ |  | ग11） |  | 91 | 1 | ＊ | ＊ | ＊ | ＊ | £ 0 | 08LI | $\tau$ | ZEN | 08LL－08L－zEN | $L 102$ |
| － | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ |  | มขาว |  | 91 | 1 | ＊ | ＊ | ＊ | ＊ | ro | 642 | z | z¢N | 6LL108L－ZEN | 4.02 |
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| 0204d | Lavv | 48045 | пopmpos ${ }^{\text {¢ }}$ | ssbi | W7 | WS | SLNanwoo | NOLSTKI YO／UNV <br>  | spazn ${ }^{2}$ ua <br>  |  | ${ }^{2}{ }^{3} \mathrm{~K}_{\mathrm{L}}$ asbjuns |  | Tכ＇s |  | ${ }^{586}$ | （s） $\operatorname{c} / \mathrm{N}$ ） <br>  шорวая | $\operatorname{squm}{ }^{2}$ มпกㅂ | d！¢яаимо | （3033\％ |  |  |



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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 6.58 |  | ：spm | $\mathrm{N}_{1820} \mathrm{I}^{\text {che }}$ | Roy via $210 z$ |  |
| ＊ |  | x | ＊ | ＊ | ＊ | X | ع＇ $0.18{ }^{\text {8 }}$ | GONVHOHLONG？ | VIN | 81 | 1 | 0 | 0 | 1 | 5 | $\varepsilon \varepsilon$ | $9 ¢ 12$ | 1 | bEN | 01－9ELL－96L | 4002 |
| ＊ | ． | X | ＊ | － | ． | x | 9＇10．0z | GONVHOHLONA | V／N | 02 | 1 | 0 | 0 | 1 | $s$ | 91 | bELL | 1 | DEN | $01+$ ¢LL－96L | 1002 |
| ＊ | ． | X | ＊ | ＊ | ： | X | L＇EOLO＇ | IONVHOHLONGT | VIN | 81 | 1 | 0 | 0 | 1 | $\downarrow$ | L＇$\varepsilon$ | 2506 | 1 | DEN | $01-250-96 L \rightarrow$ EN | 2002 |
| ＊ | ＊ | X | ＊ | ， | ． | X |  | NoLLJas no sonvho aovians， | V／N | 91 | 1 | 0 | 0 | 1 | 5 | \％ 9 | 2806 | 1 | DEN | 0て－Z60L－EzLかEN | 2002 |
| ＊ | ． | X | ＊ | ＊ | ． | x | Lasaozol | HLTM Aวvanh＇gonvho | VIN | 02 | $\varepsilon$ | 0 | 5 | I | 5 | 50 | 2502 | 1 | DEN |  | 1002 |
| ＊ | ＊ | x | ＊ | ＊ | ． | X | Satioutoilo | GONVHO HLONAT | VIN | D2 | 1 | 0 | 0 | 1 | 5 | 1 | Its | 1 | ten | $01-1+50-\varepsilon z L \pm$ ¢ | L002 |
| ＊ | ＊ | X | ． | ＊ | ． | X | SEITW SOOI［＇s | GONVHO HLONAT | VN | 91 | 1 | 0 | 0 | I | 5 | So | $\varepsilon 66$ | 1 | ten | 01－86t0－96L | $100 \%$ |
| ＊ | ＊ | X | ＊ | ＊ | ＊ | X |  | IONVHOHLONGT | VN | 91 | 1 | 0 | 0 | 1 | 5 | $s^{\prime \prime}$ | \＆L | 1 | tiN |  | L00Z |
| ＊ | ＊ | x | ＊ | ＊ | ＊ | X |  | GONVHO HLDNGT | VN | 02 | 1 | 0 | 0 | 1 | 5 | $C^{\prime}$ | 111 | 1 | DEN |  | L002 |
| ＊ | ＊ | x | ． | ＊ | ＊ | ． |  | gonvho govidns notioas | VIN | 02 | $\square$ | 0 | 6 | 1 | $\square$ | 51 | zs | 1 | DEN | $01-2500-96 L$－ ¢N | L002 |
| ＊ | T6I | X | ． | ＊ | ＊ | X | Saliw ex 0102 | ษЈ ${ }^{\text {¢ }}$ | VIN | 02 | 1 | 0 | 0 | 1 | 5 | $\varepsilon 1$ | 0 S | 1 | ¢EN | $01-0000-96 L$－ 5 N | L00z |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ${ }^{583030] d}$ |  | Ha Lioz Xen |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 89 |  | ：Salim |  |  |  |
| － | ＊ | X | ＊ | ＊ | ＊ | X | STITWZZOLĖ | GONYHO HLONGT | VN | 91 | 1 | 0 | 0 | $\tau$ | 5 | \％ 2 | 208 L | 2 | DEN | 01－208L－08L－ten | 6002 |
| ＊ | ＊ | X | ＊ | ． | ＊ | X | Satw soolio | NOTTV－TA GONVHOHLDNGT | V／N | 91 | \％ | 0 | 0 | $\tau$ | 5 | So | $698 L$ | $\tau$ | t¢N | 01－69EL－08L－EEN | 6002 |
| ＊ | ＊ | X | ＊ | ＊ | ． | X | SaIIW S 00160 | gonvhi hionat | VIN | 91 | 2 | 0 | 0 | z | 5 | 50 | E5¢L | 2 | ทEN | 01－SSEL－08L－EEN | 6002 |
| － | ＊ | X | ＊ | ＊ | ＊ | x | SgTiw 900 OLT | GONVHO HLONET＇NDITVE4 | VIN | 91 | 1 | 0 | 0 | r | 5 | 90 | zIel | $\tau$ | bEN | 0 I －IIEL－08LかEN | 6002 |
| － | ＊ | X | ＊ | ＊ | ＊ | X |  | IONVHOHIDNGT | VIN | 91 | 1 | 0 | 0 | 2 | 5 | $\varepsilon 0$ | 80 EL | 2 | $\square ¢ \mathrm{~N}$ | 01－80EL－08L $\dagger$ ¢ N | 6002 |
| $\cdot$ | ． | X | ＊ | ． | ＊ | X | SSTINTOOLEO | IDNVHO HLONGT ${ }^{\text {NOITVE\％}}$ | VIN | 91 | 1 | 0 | 0 | 2 | 5 | 20 | tosL | $\underline{2}$ | ${ }^{\text {ten }}$ | $01+0 E L-08 L-$ ¢EN | 6002 |
| ． | ． | X | ＊ | ＊ | ＊ | X |  | IONVHOHLONGT＇NOITVEX | $\forall / \mathbb{}$ | 91 | 1 | 0 | 0 | 2 | 5 | ＋ 0 | ع0¢L | ${ }^{2}$ | ＋¢N | 01－50¢L－08L $\dagger$ ¢ N | 600 |
| － | ． | X | ＊ | ＊ | ＊ | X | STMW IzOL8： | 90NVHO | VIN | 91 | 1 | 0 | 0 | 2 | 5 | 12 | 9izl | $\tau$ | b¢N | $0 \mathrm{C}-912 L-08 L-$ EN | 6002 |
|  | － |  | ＊ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | S5030 ${ }^{\text {d }}$－ $\mathrm{m}_{1}$ |  | $1 \pm L$ IOZ EN |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ＊＊ | Ssiluc ${ }^{180}$ | ${ }^{\text {＇saznoy }}$ Silul | noj mN $L$ | $z^{\text {M }} \mathrm{N}$ |  |
| ＊＊ | ＊＊ | ＊＊ | ＊＊ | ＊＊ | ＊＊ | ＊＊ | ＊＊ | ＊＊ | ＊ | ＊＊ | ＊＊ | ＊＊ | ＊＊ | ＊ | ＊＊ | ＊＊ | ＊＊ | ＊ | ＊＊ | ＊＊ | ． |
|  |  | － |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 LLOO DEN |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ＊＊ |  |  |  | $7{ }^{\text {M3 }} \mathrm{N}$ |  |
| ＊＊ | $\stackrel{ }{*}$ | ＊＊ | ＊ | ＊＊ | ＊＊ | ＊＊ | ＊ | ＊＊ | ＊ | ＊＊ | ＊＊ | $\cdots$ | ＊ | ＊＊ | ＊ | ＊＊ | ＊＊ | ＊ | ＊＊ | $\cdots$ | $\xrightarrow{2 N C L O Z}$ |
|  |  |  |  |  |  |  | － |  |  |  |  |  |  |  |  |  |  |  |  | sanotiliple | NLiozten |
|  |  |  | 00／vO |  |  |  |  |  |  |  | （¢）ą |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 962 | ：59l｜ | P1／a／sseo．dd |  | ma $\mathrm{N} \angle 1021890 \mathrm{~L}$ |  |
| ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | ＊ | \％5smoy | ＇әnoy eppo |  | II | 1 | ＊ | ＊ | ＊ | ＊ | E．0 | 9669 | $\tau$ | £¢ | 01－9669－08L－E¢N | S10\％ |
| ${ }^{0304}{ }^{\text {d }}$ | savy | ${ }^{\text {sfous }}$ |  | sselj | W＇ | ws | S．N3WWOO | NOILFTGG BO／GNV ＇SAIVGdN YOA（S）NOSVGU | spandias wanozdul | （120） 4］P！$M$ 238jans |  | $\underset{\text { IByappin }}{3503}$ | ros | $\begin{array}{\|c\|} \hline \text { рәэн ио } \\ \text { рэпдяsuog } \end{array}$ | ${ }^{\text {sselo }}$ | （5） <br>  но！̣코 | ${ }^{29 q}{ }^{2}{ }^{2} \mathrm{~N}$ <br>  | dy¢same | โัuasy |  |  |


| x | － | $\times$ | － | ＊ | ＊ | $\times$ | brz（ <br>  | 2ipd |  | ${ }^{\text {p }}$ | 5 | 0 | ${ }^{06}$ | 1 | ， | ${ }^{6 \varepsilon}$ | － | 1 | SEN | OSIt $1000088-58 \mathrm{sk}$ | 4002 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $x$ | － | $\times$ | ＊ | ＊ | ＊ | $x$ |  |  |  | ${ }^{8 b}$ | $s$ | 0 | 06 | 1 | $\stackrel{\square}{*}$ | ${ }^{2} 0$ | ， | I | Sen | 0tt－to00088－5se | 2002 |
| $\times$ | ＊ | $\times$ | ＊ | ＊ | ＊ | $\times$ |  <br>  | วipd |  | $\stackrel{\square}{ }$ | s | 0 | ${ }^{06}$ | 1 | － | $\tau \varepsilon$ | － | 1 | ${ }_{\text {Sen }}$ | $0 ¢ 1+000088-55 N$ | 4002 |
| $x$ | ＊ | x | ＊ | ＊ | － | $x$ |  |  |  |  |  | 0 |  |  | b |  | ＊ | 1 | SEN | 021－0000－08L－58N | L002 |
| $\times$ | ＊ | x | ＊ | ＊ | ＊ | x |  |  |  | $\stackrel{1}{ }$ | 5 | 0 | ss | 1 | $\stackrel{ }{ }$ | 9 | ， | 1 | S¢N | Oil $-0000-081-58 \mathrm{se}$ | 2002 |
| x | － | x | ＊ | ＊ | ＊ | x |  |  |  | zs | s | 0 | ss | 1 | － | to | $\checkmark$ | 1 | s¢N | 00t $+000-081-5 ¢ \mathrm{~N}$ | 2002 |
| x | ＊ | $x$ | ＊ | ＊ | ＊ | x |  |  |  | $\stackrel{\sim}{2}$ | 5 | 0 | ss | ； | ， | 60 | － | 1 | S¢N | 066＋000－081－5sN | 2002 |
| x | － | x | ， | ＊ | ＊ | x |  |  |  |  |  | 0 |  |  | ， |  | － | 1 | SEN | 08 $50000-081-5 \mathrm{SN}$ | 1002 |
| $\times$ | ＊ | $\times$ | ＊ | ＊ | ＊ | $x$ |  |  |  | ャ | s | 0 | ss | 1 | $\stackrel{ }{ }$ | to | ＊ | 1 | S¢N | 0L－7000－084－58N | 4008 |
| $x$ | ＊ | x | － | ＊ | ＊ | x |  |  |  | 9 | 5 | 0 | $s$ | 1 | － | 10 | ＊ | 1 | $\mathrm{sen}^{\mathrm{N}}$ | 09－600－088－5sN | 2002 |
| x | ＊ | $x$ | ＊ | ＊ | ＊ | x |  |  |  | ${ }^{\star}$ | $s$ | 0 | ss | 1 | ＊ | so | － | 1 | SEN | 0s $+0000-081-5 \mathrm{sN}$ | $100 \%$ |
| $\times$ | － | x | ＊ | ＊ | ＊ | x |  <br>  <br>  | Prpd |  | ${ }^{87}$ | 5 | 0 | zs | 1 | ＊ | to | － | 1 | S¢N | 06－6000－08－5¢N | 2002 |
| $\times$ | － | x | ＊ | ＊ | ＊ | $x$ |  |  |  | ヵ2 | $s$ | 0 | $5 s$ | 1 | $\stackrel{\square}{\square}$ | \＆ | ＊ | 1 | 5 N | $08.7000 \cdot 081-5 \mathrm{cN}$ | 4002 |
| x | ． | X | ＊ | ＊ | ． | X |  | 94u00：posex |  | $\stackrel{\square}{2}$ | 1 | 0 | 0 | 1 | s | ${ }^{2} 8$ | $\checkmark$ | 1 | $5 \mathrm{~S}_{\mathrm{N}}$ | 02－7000－088－5¢5］ | L002 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | s5720 |  | 1 LIOz sen |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 92 | SIINS 190 |  | HLLOZ |  |  |
| ＊ | Ets | $\times$ | ＊ | ＊ | ＊ | ＊ |  | prpdinay |  | p | ， | 0 | 0 | r | $\varepsilon$ | \＆ 0 | ${ }^{2} 02$ | $\tau$ | SEN | $018-2000-081-5 \mathrm{sN}$ | 2002 |
| ＊ | szb | $\times$ | ＊ | ． | ＊ | ＊ |  | ${ }^{\text {appad }}$ Lay |  | $\stackrel{\square}{ }$ | ， | 0 | 0 | 2 | $\varepsilon$ | $\pm 0$ | 902 | z | ${ }_{5} 5 \mathrm{~N}$ | 018－9060008－5 5 SN | 2002 |
| ＊ | 92 E | X | ． |  | ＊ | ＊ |  | गppodicu |  | $\stackrel{\text { b }}{ }$ | ＋ | 0 | 05 | 2 | $\varepsilon$ | $\varepsilon^{\prime}$ | 502 | 2 | $5 ¢ \mathrm{~N}$ | $018.50020086-5 \mathrm{SN}$ | 2002 |
| ＊ | 982I | X | ． | ． | ＊ | ＊ |  | pepd $\frac{1 a y}{}$ |  | ${ }^{\text {pr }}$ | ＋ | 0 | 05 | 2 | $\varepsilon$ | 10 | 502 | $\tau$ | ${ }_{5} \mathrm{EN}$ | $018-000-081-55 \mathrm{~N}$ | L002 |
| ＊ | S92 | X | ＊ | ＊ | ． | ＊ |  | mppdi．lay |  | ${ }^{\text {pr }}$ | ， | 0 | $\stackrel{ }{0}$ | 2 | $\varepsilon$ | 50 | ¢02 | $\tau$ | ${ }_{5}^{58}$ | O18－506－088－5¢N］ | 2002 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ssoodd |  | Llioz SEN |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | sino |  | \％maod ciuno | amos $L$ |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Ennoy funo Mx | LIOZ SEN |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Stimo | Min reol | sanoz requ | man lie |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | spmot Ifqup MaN | Lloz sen |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 672 |  | ITV suopppa | Mroodd |  |  |
| ＊ | ． | ＊ | ＊ | － | ＊ | ＊ | Elt mooubas oi aiv | Noliozsataic |  | 91 | r | ． | ． | ． | ． | ss |  | 1 | beN | 02－E820－96L－EEN | 1002 |
| ＊ | － | ． | ． | ＊ | $\cdots$ | － | awoht | ginoy mistic |  | 9 | r | ． | － | ＊ | ． | 92 | ＋08L | \％ | ${ }^{\text {b }}$ EN | $01+085-08 L+E \mathrm{~N}$ | 6002 |
| ． | ＊ | ＊ | ＊ | ＊ | ＊ | ． | Cab＇Honorlu Sioo | ginoy |  | 9 | $\tau$ | ． | ． | ． | ． | $\pm 0$ | と 12 | z | DEN | $01-\varepsilon L L E-08 L+E N$ | 6002 |
| ． | ． | ． | ． | ＊ | ＊ | ． |  | gınoy yıs73a |  | 9 | $\tau$ | ． | ． | ． | ＊ | $\pm 0$ | 12 L |  | ${ }^{\text {den }}$ | 01－ $1 / 2 L-08 L+E N$ | 6002 |
| ． | ． | ． | ＊ | ＊ | ＊ | － | InO irös | gInox miatac |  | 91 | ${ }^{2}$ | ． | ． | ＊ | ． | 50 | 8995 | $\tau$ | ten | 01－896L－08LtEN | 6002 |
| ． | ． | ． | ． | ． | ＊ | － | assomavou |  |  | 9 | － | ， | － | ． | ． | 61 | 9986 | 2 | ben | 01－998L－08L + EN | 6002 |
|  | ． | ． | ． | ． | ＊ | ＊ | SEMVOH ON | ginor ilatac |  | 91 | \％ | ． | ． | ＊ | － | ${ }^{10}$ | H92L | － | den | $01+96 L-08 L$－ EN | 6002 |
| ＊ | ． | ． | － | ＊ | ＊ | ＊ | grzar oraay |  |  | 91 | $\tau$ | ＋ | ． | ＊ | － | $\varepsilon 0$ | 2984 | ？ | den | 01－298c－08L－EN | 6002 |
| ＊ | ． | － | ． | ＊ | ＊ | ． | avor on | z120y |  | 91 | z | － | ． | ＊ | ＊ | $\varepsilon 0$ | 1984 | ？ | EEN | 00－19EL－08L－6E | 6007 |
| ＊ | ． | ． | ． | ＊ | ＊ | ＊ | змоН |  |  | 91 | 2 | － | ． | ． | ． | 90 | 0951 | 2 | te | $01-098 L-08 L+6 \mathrm{~N}$ | 6002 |
| ${ }^{0204 d}$ | savv | atocs | mo9n｜0588 | ${ }_{\text {sselo }}$ | wT | ws | SLNawno |  | spayn Juว urano．dur |  | $\underset{\substack{\text { oda } \mathrm{K}_{\mathrm{L}} \\ \text { ovephn }}}{ }$ | $\underset{\text { Invoppux }}{\substack{\text { prop }}}$ | Tכ＇s |  | ${ }_{5510}$ |  | $\underset{\substack{\text { raquon } \\ \text { annod }}}{ }$ | dtqsanau | ${ }^{\text {coras }}$ \％ |  |  |


| x | － | X | ＊ | ＊ | ＊ | x |  <br>  |  |  | 92 | 1 | 0 | 0 | 1 | $s$ | I＇t | 8208 | 1 | S¢N | 09－8L08－08L－SEN | L00z |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| x | ＊ | X | ＊ | ＊ | ＊ | X |  <br>  |  |  | 02 | $s$ | 0 | 56 | 1 | 11 | $\pm 0$ | 8608 | 1 | s¢N | 05－8008－08L－SEN | L00z |
| x | ＊ | x | ＊ | ＊ | ＊ | x |  |  |  | 02 | $s$ | 0 | 56 | 1 | 5 | $\tau$ | 8208 | 1 | S¢N | 0－8208－08L－5¢N | L002 |
| x | ＊ | x | ＊ | ＊ | ＊ | x |  <br>  |  |  | $0 \tau$ | $s$ | 0 | 56 | 1 | 5 | 10 | 8208 | 1 | S¢N | 08－8008－08L－5EN | 4002 |
| x | ＊ | X | ＊ | ＊ | ＊ | x |  <br>  |  |  | 02 | $s$ | 0 | 56 | 1 | $s$ | $z 0$ | 82.08 | 1 | S¢N | 07－8008－08L－5¢ | $\angle 002$ |
| X | ＊ | X | ＊ | ＊ | ＊ | x | I） $8 \angle 08 \mathrm{~N}$ aNV $688 Z(I-1) \angle L 08 \mathrm{~N}$ polotid sozepdn uоgunnsuos os 8u！pucose эnod suruopossoy |  |  | 02 | $s$ | 0 | 56 | 1 | $\checkmark$ | $\varepsilon 0$ | 8208 | 1 | ¢¢N | 01－8L08－08L－5EN | 4002 |
| $\times$ | ＊ | X | ＊ | － | ＊ | x | －1）8L08N GNV tr8z（1－I）LLO8N 100501d sorppdn <br>  | 21pd¢ |  | 02 | $\checkmark$ | 0 | 56 | 1 | s | $\pm 0$ | L208 | 1 | S¢N | $0 \sim L L 08-081-$－$¢ \mathrm{E}$ | L00z |
| X | － | x | ＊ | ＊ | ＊ | x |  <br>  |  |  | 02 | 5 | 0 | 56 | 1 | 5 | 80 | CL08 | 1 | S¢N | $0 \varepsilon-L 008-08 L-55 N$ | L00Z |
| ＊ | 561 | X | ＊ | ＊ | ＊ | ＊ |  | 2 |  | 02 | 1 | 0 | 0 | 1 | 5 | 291 | L208 | 1 | SEN | 0z－LL08－08L－sEN | L00Z |
| ＊ | tSt | X | ＊ | ＊ | ＊ | ＊ |  | ग丬pp ${ }^{\text {d IIGY }}$ |  | 92 | 1 | 0 | 0 | 1 | $\stackrel{\square}{5}$ | 12 | $\underline{508}$ | 1 | SEN | 01－9908－08L－5EN | L002 |
| x | ＊ | x | ＊ | ＊ | ＊ | X |  |  |  | ヵて | ＊ | 0 | S6 | 1 | $\iota$ | 10 | 018 | 1 | s¢N | 07－0180－08L－SEN | 1002 |
| x | ＊ | x | ＊ | ＊ | ＊ | x |  |  |  | $0 \tau$ | － | 0 | S6 | 1 | $\iota$ | ro | 018 | 1 | S¢N | 01－0180－08L－5EN | L002 |
| ＊ | 288 | X | ＊ | ＊ | ＊ | ＊ |  |  |  | 02 | － | 0 | 61 | 1 | $\varepsilon$ | 20 | 608 | 1 | S¢N | 01－E080－08L－5cN | L00z |
| ＊ | zes | $x$ | ＊ | ＊ | ＊ | ＊ |  | repd $\cap$ Lav |  | 02 | ＊ | 0 | 96 | 1 | $\varepsilon$ | ro | 008 | $z$ | SEN | 01－0080－08L－55N | $\angle 00 \tau$ |
| x | ＊ | X | ＊ | ＊ | ＊ | $x$ |  |  |  | 切 | 5 | 0 | ss | 1 | † | ¢8 | ＋ | 1 | SEN | 0LT－6000－08L－SEN | $\angle 00 z$ |
| x | ＊ | X | ＊ | ＊ | ＊ | $x$ |  |  |  | ゅ2 | 5 | 0 | Ss | 1 | $\stackrel{ }{ }$ | z＇9 | $\dagger$ | 1 | SEN | 092－6000－08L－SEN | L00\％ |
| X | ＊ | X | ＊ | ＊ | ＊ | X |  <br>  |  |  |  |  | 0 |  |  | ＋ |  |  | 1 | SEN | 052－7000－08L－SEN | 1002 |
| X | ＊ | X | ＊ | ＊ | ＊ | X |  |  |  | 吹 | $s$ | 0 | ss | 1 | ャ | ＋0 | $\stackrel{ }{ }$ | 1 | SEN | 0tで0000－08L－5EN | 1002 |
| x | ＊ | x | ＊ | ＊ | ＊ | X |  |  |  | ゅz | $s$ | 0 | ss | 1 | $\downarrow$ | zo | ＋ | 1 | SEN | $0 ¢ \tau-000008 L-5 \mathrm{EN}$ | $\angle 002$ |
| X | ＊ | x | ＊ | ＊ | ＊ | X |  <br>  |  |  |  |  | 0 |  |  | $\downarrow$ |  | $\downarrow$ | 1 | S¢N | 0ZZ－7000－08L－SEN | $\angle 002$ |
| X | ＊ | X | ＊ | ＊ | ＊ | x |  |  |  | t | $s$ | 0 | ss | 1 | ＋ | で | ${ }^{+}$ | 1 | SEN | 01て－000－08L－5¢N | $\angle 002$ |
| X | ＊ | x | ＊ | ＊ | ＊ | x |  |  |  | ${ }^{\square}$ | s | 0 | ss | 1 | ${ }^{+}$ | $\mathrm{I}^{2}$ | ${ }^{+}$ | 1 | S¢N | 00Z $7000-088-5 ¢ \mathrm{~N}$ | $\angle 002$ |
| x | ． | X | ＊ | ＊ | ＊ | x | prozzerin palord <br>  <br>  <br>  |  |  | $9 \varepsilon$ | $s$ | 0 | ss | 1 | $\checkmark$ | ${ }^{0} 0$ | $\dagger$ | 1 | S¢N | 061－6000－08L－5EN | L002 |
| x | ＊ | $x$ | ＊ | ＊ | ＊ | X | bశz <br>  <br>  |  |  | ャて | $s$ | 0 | ss | 1 | † | 90 | $\checkmark$ | 1 | S¢N | 081＋000－08L－5EN | ${ }^{2} 002$ |
| X | ＊ | X | ＊ | ＊ | ＊ | x |  <br>  |  |  | ヵて | $s$ | 0 | ss | 1 | ＋ | $\pm{ }^{\text {¢ }}$ | ＋ | 1 | S¢N | 0L1－0000－08L－5EN | L00Z |
| x | ＊ | x | ＊ | ＊ | ＊ | X |  <br>  |  |  |  |  | 0 |  |  | ャ |  | ${ }^{+}$ | 1 | S¢N | 091－000－08L－5EN | 4002 |
| ${ }^{\text {oroud }}$ | lavv | ${ }^{4} \mathrm{O} 02 \mathrm{~S}$ | 0098［05sy | 5spio | W1 | Ws | SInswivo | NOLISTGa צO／aNY ＇salyadn yoal（s）NOSYTY |  |  |  |  | Tכ＇s |  | \＄56｜3 |  | $\begin{gathered} \text { squmn } \\ \text { zanay } \end{gathered}$ |  | โวuวร9\％ | Kıpuapl ronvas |  |


|  |  | X | x |  |  | $x \quad \mathrm{x}$ |  | Juaussessv uopleay |  | 02 |  | 0 | 0 | I | $s$ | 97 | 87 | 1 | 98N | ¢－8800－08L－98N | ${ }^{2} 102$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | x |  |  | $x$ x ${ }^{\text {x }}$ |  |  |  | 02 | $\tau$ | 0 | 0 | － | $s$ | 1 | $8 \tau$ | 1 | 98N | $01-8800-08 L-98 \mathrm{~N}$ | $210 \tau$ |
|  | － | X | X |  |  | $\mathrm{x} \quad \mathrm{x}$ |  |  |  | $0 \tau$ | $\tau$ | 0 | ${ }^{\circ}$ | 1 | $s$ | $\pm 0$ | $8 \tau$ | 1 | 98N | $06.8800-08 L-98 \mathrm{~N}$ | z10\％ |
|  |  | x | x |  |  | $\bar{x}$ |  |  | ＊ | ＊ | ＊ | 0 |  | 1 | $s$ | ＊ | 82 | 1 | 9 N | 0z－8800－08L－98N | 210z |
|  | ， | x | x |  |  | $x \quad \mathrm{x}$ |  | Juaussoss uopyby！ |  | 02 | ₹ | 0 | 0 | 1 | $s$ | so | 82 | 1 | 9EN | 01－8200－08L－98N | $210 \tau$ |
|  |  |  | x |  |  | $\times$ |  |  |  | 02 | $z$ | 0 | 0 | i | s | 56 | sz | 1 | 9¢N | 01－5z00－08L－98N | $210 z$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 9not via $\mathrm{LIOz} \mathrm{9EN}$ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | $0 \%$ |  |  | moy Sonv |  |  |
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|  |  |  |  |  | x | x |  |  | ， |  |  | ${ }^{\circ}$ | 0 | 1 | s | ＊ | 0 0 | 1 | 98N | 08－0800－08L－98N | L00\％ |
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2017 Navajo Nation Long Range Transportation Plan

## TTP Program <br> Transportation Improvement Plan Public Involvement Certification

I, Garret Silversmith , of the Navajo Nation Division of Transportation, do hereby certify that we have complied with Title 23 U.S.C., Section 204, for the Public Involvement Process for the 2017 National Tribal Transportation Facility Inventory (NTTFI) Inventory submission. The public routes selected for inclusion into the 2017 NTTFI inventory submission, as well as those routes that have been added to the Navajo DOT Long Range Transportation Plan, were identified with public involvement and assistance of the local Navajo Nation Chapters and communities.


Name


Date

## Division Director

Title

## Pending <br> Digital Files

LRTP Master Route Section List
2) Strip Maps, Location Maps, Traffic count and Inventory Reports for all included Sections


[^0]:    a: $\quad$ Files
    Karen B. Benally, Department Manager, Nauajo Division of Transportation Planning Department
    Herby Larsen, Regional Road Engineer, Navajo Area Burear of Indian Affairs Dixision of Transportation

