# INTERCITY TRANSIT <br> CITIZEN ADVISORY COMMITTEE <br> AGENDA 

July 16, 2012
5:30 PM

## CALL TO ORDER

## I. APPROVE AGENDA <br> 1 min.

II. INTRODUCTIONS

1 min.
A. Introduction of New Members (Steve Abernathy)
--Mackenzie Platt
--Midge Welter
--Dani Burger
III. MEETING ATTENDANCE

3 min.
A. July 18, 2012, Special Meeting (Meta Hogan)
B. August 1, 2012, Regular Meeting (Julie Hustoft)
IV. APPROVAL OF MINUTES - June 18, 20121 min.
V. CONSUMER ISSUES CHECK-IN

3 min .
(This is to identify what issues you wish to discuss later on the agenda in order to allocate time).
VI. NEW BUSINESS
A. Surplus Van Grant Program (Carolyn Newsome) 10 min.
B. Review Upcoming Transit Development Plan (Dennis Bloom) 20 min.
C. 2013 Fare Increase (Mike Harbour) 15 min .
D. 2013-2018 Strategic Plan - Major Issues (Mike Harbour)

20 min .
E. Self-Assessment Issue Identification (Rhodetta Seward)

10 min .
VII. CONSUMER ISSUES - All

20 min.
VIII. REPORTS
A. June 20, 2012, Special Meeting (Faith Hagenhofer) 3 min.
IX. THE NEXT MEETING - August 20, 2012

## ADJOURNMENT

Attendance Report is Attached

# Minutes <br> INTERCITY TRANSIT CITIZEN ADVISORY COMMITTEE <br> June 18, 2012 

## CALL TO ORDER

Chair S. Abernathy called the June 18, 2012, meeting of the Citizen Advisory Committee (CAC) to order at 5:30 p.m., at the administrative offices of Intercity Transit.

Members Present: Gerald Abernathy; Steve Abernathy; Wilfred Collins; Matthew Connor: Valerie Elliott; Sreenath Gangula; Jill Geyen; Roberta Gray; Faith Hagenhofer; Julie Hustoft; Don Melnick; Joan O'Connell; Carl See; Kahlil Sibree; Michael Van Gelder; and Rob Workman.

Absent: Catherine Golding; Meta Hogan.
Staff Present: Mike Harbour; Rhodetta Seward; Ann Freeman-Manzanares; Ben Foreman; Dennis Bloom; Duncan Green; and Carolyn Newsome.

Others Present: Authority Member Joe Baker and Recording Secretary Valerie Gow.

## APPROVAL OF AGENDA

It was M/S/A by Elliott and Gray to approve the agenda as presented.

## INTRODUCTIONS

S. Abernathy welcomed and introduced Authority member Joe Baker.

Workman and $O^{\prime}$ Connell arrived.

## MEETING ATTENDANCE

A. June 20, 2012, Special Meeting - Faith Hagenhofer
B. July 18, 2012, Special Meeting - Meta Hogan

## APPROVAL OF MINUTES - MAY 21, 2012

It was M/S/A by Elliott and Gray to approve the minutes of May 21, 2012, as presented.

CONSUMER ISSUES CHECK-IN - Members requested discussion on the following topics: Consumer Issues, Student Bus Pass Schedule, Routes 60 \& 68, Pierce Transit service and Bus Shelter Signs, new driver familiarity with routes, and Express Service.

## Hagenhofer, Sibree and Melnick arrived.

## NEW BUSINESS

A. 2012 Bicycle Commuter Contest Update - Green reported on results of the $25^{\text {th }}$ annual Bicycle Commuter Contest (BCC) hosted by Intercity Transit since 2006. Marketing efforts included events, internet communication tools, incentives, and rewards. Participants engaged in events during April, May, and June with 542 new riders recruited. May bicycling miles were the highest ever recorded for the contest with 1,045 participants returning mileage logs of the 1,550 registered participants. Nearly 120,000 miles were recorded totaling 13,800 trips in May. Eighty-three teams competed representing $75 \%$ of all BCC participants. The contest eliminated 60 tons of carbon dioxide from the environment saving 6,000 gallons of fuel at a cost of $\$ 23,000$.

BCC goals include:

- To encourage people of all ages and abilities to try bicycling as a means of transportation.
- To reward and celebrate those who make that choice, whether it is every day, or for one day.
- To connect new practical cyclists to available education, resources and support.
- To convey rider feedback to local jurisdictions about bicycling infrastructure needs.
- To engage employers and agencies and encourage them to support active transportation choices.
- To connect our local practical cycling community with others around the country, and to set an example for communities not as far along as Intercity Transit.
- To stimulate and support our local economy through partnerships with our sponsors.

The BCC also partners with local jurisdictions to promote National Bike Month and Bike to Work Day. The cities of Olympia, Lacey, Tumwater, Yelm, Tenino, and Thurston County issued proclamations for May as 'Bike Commute Month.'

Intercity Transit contributed to the development of a new edition of the Thurston County Bicycle Map and worked with the City of Olympia to host five bike stations in the city on Bike to Work Day to support bicycle commuters.

## Sreenath Gangula arrived.

Since 2006, BCC participants logged over half a million miles on 84,000 commute trips preventing the release of over 330 tons of carbon dioxide. In its 25-year history, the BCC recruited many citizens in Thurston County to try a new transportation mode that benefits and changes lives. The BCC's small budget is augmented by registration fees, T-shirt sales, and sponsorship contributions. The BCC's 56 sponsors and supporters contributed over $\$ 25,000$ in cash, services, coupons, gift cards, and merchandise for prizes. Volunteers from the community helped with the events with over 25 volunteers leading neighborhood rides on Earth Day, repairing bikes at the Wrencher's Ball event, and assisting in the Award Ceremony scheduled for Saturday, June 23.

Green responded to questions and affirmed Intercity Transit offers an Undriver's License to participants who complete Undriver events sponsored by the agency. Approximately $80 \%$ of BCC participants are adults ages 19 to 59 years. The remaining participants are juniors (youths up to 12 years), youths (ages 13 to 18), and seniors (59 years + ).

Hagenhofer suggested checking with schools for students who bike to school to enable them to receive recognition through the BCC for their bicycling trips. Green reported he works closely with the Erin Scheel who coordinates school programming efforts.

See asked about online opportunities for registering bicycle miles. Green said the option has some budget/technical limitations. However, the ability to register online was available this year. Next year's goal is to add mileage reporting online, dependent on the budget.
B. Vanpool Fares - Cost Recovery: - Foreman reported the Authority will consider whether to increase vanpool fares to keep pace with escalating costs and whether Intercity Transit should initiate a target cost recovery. Currently, Intercity Transit's goal is $90 \%$ cost recovery of vanpool direct operating costs. In 2011, the agency collected $96 \%$ of its operating cost. Cost recovery projections moving forward reflect a decrease because of increasing fuel prices.

Foreman referred to a report by the National Transit Database (NTD) for transmitting agency vanpool costs. He described differences between direct and indirect costs. The budget forecast accounts for increases in staff, healthcare, and generic costs associated with vanpool service. Vanpool miles account for approximately 3.2 million miles of the total 7.2 million miles of service Intercity Transit offered in 2011, or $48 \%$ of total miles. There were 5.3 million passenger trips in 2011 of which 17,000 were vanpool passengers representing 13\% of all trips. Vanpool operating costs in 2011 were $\$ 1.7$ million, representing $5.6 \%$ of Intercity Transit's total operating costs. Nearly $\$ 1.5$ million was generated in vanpool fares of $\$ 4$ million in total fares for all modes, or $36.5 \%$ of total fares. Overall, vanpool is the most cost effective service.

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Foreman reviewed three potential scenarios for vanpool cost recovery the Authority will consider as well as whether timing is right to consider a fare increase:

- Method 1 - Operating Revenue/Direct Operating Costs (projection in 2012 is $85 \%$ cost recovery down to $73 \%$ in 2017)
- Method 2 - Operating Revenue/Total Operating Costs (projection in 2012 is 77\% cost recovery down to $66 \%$ in 2017)
- Method 3 - Total Revenue/Total Costs (projection in 2012 is $68 \%$ in cost recovery down to $54 \%$ in 2017)

Newsome referred to comparison information of other transit agencies for vanpool cost recovery from the largest to the smallest system as of June 1. The information includes the number of vanpool groups, FTEs administering the program, fare policy, fares for 50 mile and 100 mile roundtrips, and if a fare increase is planned. The information represents a broad range of fares based on different fare methodologies. Some systems recover $100 \%$ of operating costs, some systems do not offer smaller vans, and some systems charge by person or by the van. Some systems recover staff costs while some do not. It's difficult to compare costs because program methodologies are different for each agency.

Gray commented on the high ratio of staff members per vanpool groups for King County Metro compared to other systems including Intercity Transit. Newsome said several years ago, the standard was 60 vanpool groups per one staff member. Some systems have more or less. Foreman added in 2013, expenses are projected to increase because of the addition of a staff member to handle vanpool growth. Newsome described how staff resources are expended on vanpool groups with some groups requiring more assistance then others.

Van Gelder asked whether there's been any attempt to standardize program definitions for all agencies. Newsome said there have been attempts to standardize accounting and program definitions through annual meetings with Washington State Department of Transportation (WSDOT) and Washington State Transit Association. Foreman added the variances are attributed to different policies established by each agency. For example, Metro King County only accounts for $25 \%$ of staff wages and benefits rather than 100\%. The NTD publishes a guidebook, but there is inconsistency in its use by agencies.
S. Abernathy offered there is much ambiguity in the program courtesy of the Federal Transit Administration (FTA) when vanpool programs were created. As is typical at the federal level, systems are dependent on individual interpretation. As the program evolved, agencies established individualized criteria for definitions.

See asked for the inclusion of the last fare increase for each agency as well as the percentage of the increase.

Hagenhofer suggested including average commute miles as another method for comparison between the agencies.
S. Abernathy asked about the source of funds for replacement vans. Newsome reported most of the funds from 2008-2010 were from WSDOT's Vanpool Investment Program. The program began in 2002 for expansion vehicles. For the last two funding cycles, Intercity Transit obtained funds for replacement vans. S. Abernathy suggested including information about the source funds for vanpool expansion and replacement vehicles to reflect an amount that could be provided to the Legislature. Newsome advised that WSDOT provide the information regionally.
C. City of Olympia Draft Comprehensive Plan Update - Bloom reported on the agency's participation and response to the City of Olympia's comprehensive plan update because of the importance of land use and planning and its impact on public transportation. In 2009, City staff and the Olympia Planning Commission initiated the update of its growth management plan. The review is an opportunity for the City to update its vision. Part of that effort includes changes in some of the plan's chapters. The revised draft plan is half the size of the existing plan to improve readability and accessibility to the public. The City held a number of community events to encourage citizen participation in the update. Over a 1,000 citizens participated to date. Agency staff met with City staff on the Transportation Land Use chapter. The public comment period for this phase of the update recently closed with the Planning Commission scheduled to review and forward its recommendations to the City Council later in the year.

Bloom reviewed a substantive change list of issues pertinent to public transportation:

- Transportation Chapter:
o New goals and policies throughout relate to relieving traffic congestion and increasing capacity on major corridors by adding bicycle and pedestrian facilities, and improving transit services.
o Bus corridors are selected major streets with high-quality, frequent transit service. The City's role in developing bus corridors include: modifying traffic signals so buses are not stuck in traffic, providing pedestrian facilities to enhance people's access to transit, and encouraging a mix of land uses and increased densities along these corridors.

Bloom reviewed some of his and Mike Harbour's responses and suggestions to the transportation section in the draft comprehensive plan:

- Add policy stating transit priority measures will be implemented where such measures increase transit speed and/or reliability. These could include signal priority measures, bypass lanes or exclusive bus lanes. Other suggestions included providing safe pedestrian access to bus stops and incorporating features to make crossing of arterials safer. Ensure street lanes widths are sized sufficiently to allow safe passage of transit buses.
- Under the goal of designating strategy corridors when road widening is no longer an option, consider adding "access to bus stops" as part of transit service.
- Under Linking Land Use and Transportation, add language discouraging location of auto-oriented or low-density developments along bus corridors. Consider identifying 'senior housing' as a component of locating transit-dependent uses on bus corridors.

Bloom reported he and Harbour are scheduled to meet again with Olympia staff on Thursday, June 22, to discuss additional land use issues.

Gray commented on the importance of the Area Agency on Aging becoming involved in the comprehensive plan update because of the importance of transportation to seniors. The notion of City planning on housing and transportation is critical because of the county's aging population.

Elliott asked when the public comment period is scheduled to close. Bloom reported the public comment period closed on June 12. The Planning Commission and the City Council are scheduled to conduct public hearings. Public hearing dates are posted online at www.imagineolympia.com.

Geyen asked how the agency's suggestions are incorporated within the plan and how costs associated with some of the suggestions are handled. Bloom replied the City is responsible for its plan. The agency is working with the City on transit corridors to increase the level of service. The plan covers a 20-year span and some goals will take longer to accomplish. Higher density transit service along corridors may require an interlocal agreement between the agencies.

Melnick referred to the goal of the region being prepared to advance high-capacity transit. It appears Olympia is suggesting rail transit shouldn't be included or that it's not preferable. While rail transit cost per mile is higher, rail transit promotes more local development along the rail line than bus transit. Bloom said the chapter refers to heavy passenger rail. Staff's response to Olympia is to broaden the options by changing the reference to "high-capacity transportation."

See commented the plan doesn't distinguish between the different types of high density corridors citing Capitol Way and its current residential land use as one example. He
questioned the need for land use consistency in all corridors to enable some variety that would still support transit service. Bloom reported the major corridors identified in the Regional Transportation Plan are Harrison Avenue, Capitol Boulevard/Capitol Way, $4^{\text {th }}$ /State Avenue, and Martin Way. The plan recognizes neighborhoods have unique styles and character, which should be preserved. He urged members to share their respective concerns during the public hearings.

Gray suggested a quarter mile to transit stops is too long of a distance for seniors. The definition of "high-capacity transportation" should be further defined because it can entail many modes.
D. Elections - Seward reported at the last meeting, members nominated Steve Abernathy as Chair and Faith Hagenhofer as Vice Chair. Nominations cannot be accepted from the floor per the bylaws. Staff recommends electing the slate as presented.

## It was M/S/A by Gray and Collins to cast a unanimous ballot, electing Steve Abernathy, Chair, and Faith Hagenhofer, Vice Chair.

E. Self-Assessment Results - Seward thanked members for 100\% participation in the self-assessment. Many more comments were received this year. Only three of the eight questions reflected a slight decrease likely due to the high rate of participation. Some survey highlights include:

- Some members noted there is a good representation of the community with a good combination of the cross section of age, gender, and ethnicity.
- One comment suggested a regular vanpool or village van user should be on the committee.
- One member expressed discomfort in the definition of "community."
- There were many positive comments about the CAC adding value to the Transit Authority's decisions.
- Meetings are run well.
- $53 \%$ strongly agreed with being prepared for meetings compared to 2011 when 67\% indicated they were prepared.
- $89 \%$ strongly agreed with feeling comfortable contributing at meetings.

The results will be shared with the Authority at the joint meeting which is yet to be scheduled.

Hagenhofer recommended including a discussion at the next meeting on what results of the self-assessment the CAC would like to specifically share with the Authority at the joint meeting.

Farewell to Gerald Abernathy and Matthew Connor - S. Abernathy read proclamations of appreciation to G. Abernathy and Connor recognizing and thanking them for their service on the CAC. G. Abernathy served six years and Connor served as the first youth representative for any citizen advisory committee in the State of Washington. He was appointed in July 2011. Connor is leaving to attend college. Both members were presented with certificates of appreciation.

Members recessed to a reception from 6:54 p.m. to 7:00 p.m.

## CONSUMER ISSUES - ALL

Workman recommended updating and posting the Student Bus Schedule on bus fareboxes prior to school beginning in September.

Hustoft reported passengers are extremely happy that Route 68 is back on its regular route. She was appreciative the large shrub near the bus stop on Route 60 was finally trimmed for visual access to and from the shelter.

Geyen asked whether the agency provides assistance to other agencies to pass levies. Harbour affirmed the agency does not provide any assistance to any agency on any levy.

Geyen reported the bus schedule posted at the bus stop near the QFC on Yelm Highway is missing route information. She recommended replacing the schedule. Bloom acknowledged the request.

Sibree reported he rides Express Route 603 from Olympia to Tacoma and noticed a new driver who inadvertently missed the turn and continued on to the Tacoma Narrows Bridge. The driver was able to exit and return to the route. However, one of the passengers commented on the availability of various GPS devices and new drivers should be able to utilize the tools to avoid route mishaps. Staff reported the law prohibits drivers from using hand-held devices.

Gray thanked Collins for informing her about the option of renewing her ORCA card by mail. She warned members when renewing by mail to check online to ensure the card has been properly credited with funds. She also reported that on today's trip back from Sea-Tac to the SR512 Park and Ride, an extra Intercity Transit bus was parked in the back. The regular bus was behind schedule and the back-up bus took some time to allow boarding. She asked if there is a policy dictating when the back-up bus can be utilized when the regular bus is running late. Bloom advised if the back-up bus arrives first, it should be positioned to accept boardings.

## REPORTS

## A. June 6, 2012, Regular Meeting - Highlights were provided in the packet.

## OTHER BUSINESS

Seward provided an update on the CAC recruitment. Four members sought reappointment and six applicants applied for the other vacancies. The Authority reappointed the four members seeking reappointment. Richardson applied for one of the regular positions. Rather than requiring him to complete the application process, the Authority appointed Richardson to a three-year term. The Authority interviewed applicants to fill the two vacancies. The agency also received a youth application. The interview committee is reviewing the application to determine next steps prior to the Authority meeting.
G. Abernathy offered parting comments and shared how much he enjoyed serving on the CAC.

## ADJOURNMENT

It was M/S/A by G. Abernathy and Connor to adjourn the meeting at 7:17 p.m.

Prepared by Valerie L Gow, Recording Secretary/President Puget Sound Meeting Services, psmsoly@earthlink.net

# INTERCITY TRANSIT <br> CITIZEN ADVISORY COMMITTEE <br> AGENDA ITEM NO. VI-A <br> MEETING DATE: July 16, 2011 

## FOR: Intercity Transit Authority

FROM: Carolyn Newsome, 360-705-5829
SUBJECT: Surplus Van Grant Program

1) The Issue: To update the Citizen Advisory Committee on our surplus van grant program.
2) Recommended Action: For information and discussion.
3) Policy Analysis: The Surplus Van Grant program supports the Transit Development Plan's goal of strengthening partnerships with local agencies and non-profit groups by assisting them in meeting their needs for group transportation.
4) Background: On September 3, 2003, the Intercity Transit Authority adopted resolution 07-03 creating the Surplus Van Grant program, making up to four surplus vanpool vehicles available to non-profit groups in the Thurston County Public Transportation Benefit Area to meet the transportation needs of their clients not met by Intercity Transit's regular services.

The application will be available Friday, July 20 and due Friday, September 14, 2012. Staff will send notices to community groups, prepare a press release, use social media and our website and utilize the Thurston Regional Planning Council’s list of community service groups to promote the program. Open houses will be held on Thursday, August 9 and Friday, August 24, 2012, to answer questions and show interested parties the vehicles. Staff will make a recommendation for vehicle award at the October Authority meeting.

Some past recipients of the program include Senior Services for South Sound, Habitat for Humanity, Behavioral Health Resources, Union Gospel Mission, Boy and Girls Clubs of Thurston County, Pacific Peaks Girls Scout Council, and Bread and Roses.

In their quarterly program updates, grantees reported the vans enabled them to start new programs like the Korean Elders and Inclusion programs at Senior Services, and also provide transportation for staff and clients supporting current programs like Thurston County Food Bank’s Gleaning program. Behavioral Health Resources uses their granted vans to transport clients to outings, job interviews and socialization events. South Sound Habitat for Humanity uses the van to assist homeowners in making home
ownership a reality.
5) Alternatives: $\mathrm{N} / \mathrm{A}$
6) Budget Notes: The surplus van program will result in lost revenue to Intercity Transit from the sale of surplus vans. This is estimated at $\$ 3,500$ per vehicle or a total of $\$ 14,000$ for the four vehicles.
7) Goal Reference: Goal 4: "Provide responsive transportation options."
8) References: N/A

# INTERCITY TRANSIT <br> CITIZENS ADVISORY COMMITTEE <br> AGENDA ITEM NO VI-B <br> MEETING DATE: July 16, 2012 

FOR: Citizen Advisory Committee<br>FROM: Dennis Bloom, Planning Manager, 705-5832<br>SUBJECT: Review Upcoming Transit Development Plan

1) The Issue: Review of the Draft 2011 Annual Report and 2012-2017 Transit Development Plan (TDP).
2) Recommended Action: For information and discussion purposes. Staff will provide a brief presentation on the highlights of the 2011 Annual Report and the 2012-2017 Transit Development Plan.
3) Policy Analysis: The State requires the local transit's governing body to conduct a public hearing each year on the annual Transit Development Plan. Authority policy also provides an opportunity for public comment prior to approval of this plan.
4) Background: The State of Washington, under RCW Section 35.58.2795, requires each public transit system provide an annual status report and update of its Transit Development Plan (TDP). This requires the transit system to conduct a public hearing on the plan and submit the final document in early April.

The update must include three elements:
a) Description of the system from the previous year (2011 Summary);
b) Description of planned changes, if any, to services and facilities (2012-17); and
c) Operating and capital financing elements for the previous year (2011), budgeted for current year (2012), and planned for the next five years (2013-17).

This year's update is again more of an administrative process. The development and review of Intercity Transit's "Strategic Plan" for policy, service, capital projects and budget will continue later in the year after submission of this document.

The Authority is conducting a public hearing on the TDP on July 18. Staff will request adoption by the Authority at their August 1, 2012, meeting. Upon final approval, staff will forward the document to WSDOT, local jurisdictions and other appropriate organizations and businesses.
5) Alternatives: N/A
6) Budget Notes: N/A
7) Goal Reference: Goal\#1: "Assess the transportation needs of our community." The Citizen Advisory Committee, Intercity Transit Authority, staff, and the public will have access to clear and comprehensive information related to the transportation needs of our community.
8) References: Draft 2011 Annual Report and 2012-2017 Transit Development Plan.

# DRAFT <br> Intercity Transit <br> 2011 <br> Annual Report <br> $\mathcal{E}$ <br> 2012-2017 <br> Transit Development Plan 

Prepared by the
Intercity Transit Development Department
To be issued June 29, 2012
A Public Hearing is scheduled for July 18, 2012
Proposed Approval Date: August 1, 2012

Intercity Transit Authority:<br>Martin Thies, Chair - Citizen Representative<br>Ed Hildreth - Vice-Chair - City of Tumwater<br>Joe Baker - City of Yelm<br>Virgil Clarkson - City of Lacey<br>Karen Messmer, Citizen Representative<br>Nathaniel Jones - City of Olympia<br>Sandra Romero - Thurston County<br>Karen Stites - Labor Representative<br>Ryan Warner - Citizen Representative

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## Introduction to Intercity Transit's 2012-2017 Transit Development Plan

This year's Transit Development Plan (TDP) continues a practice adopted by Intercity Transit in 2005. Prior to 2005, we used the "TDP process" as an opportunity to engage our governing body - the Intercity Transit Authority - our employees, customers and the general public in a process that helped to define the direction of the transit system for the next six years.

The TDP provided an in-depth process for considering and developing future service designs, capital facilities, equipment, agency policies and other key business strategies. It served the basis for developing the coming year's annual budget.

Significant public participation including material review and discussions at public open houses, discussions with our advisory committee - at the time named the Citizen's Work Group - and deliberations with the Intercity Transit Authority took place. It culminated in a public hearing before adoption of the TDP could occur. The time frame for this process covered several months and was completed each year in June. The final approved plan was then submitted to the WSDOT by early July.

The new process, established in 2005 and continued in 2012, provides the basic reporting components and sections required by the state. Intercity Transit though, will continue to involve the public, agency staff, our Citizen Advisory Committee (CAC) and Transit Authority in developing and updating our "Strategic Plan" which is currently scheduled to begin in July 2012. It will again utilize components of the TDP, but will provide the in-depth analysis and discussions as the basis for developing next year's annual budget (2013) as well as guidance for the future direction of the agency.

This year's "Draft 2011 Annual Report and 2012-2017 Transit Development Plan" will be presented at the Intercity Transit Authority hearing in July. Distribution of the draft document will be made available at the end of June on Intercity Transit's web site, at local public libraries, Intercity Transit's Customer Service Center in the downtown Olympia Transit Center or by contacting Intercity Transit's administrative staff. Local media news will be notified about the document including the public process. And a notice and invitation to comment on the document either electronically, by mail, fax, telephone, or in person will be provided to transit customers and the general public through our on-board Rider Update newsletter over a period of a few weeks prior to the public hearing currently scheduled to be held on July 18, 2012.

## Section 1: Organization

This document represents Intercity Transit's annual update of a 5-year Transit Development Plan (TDP), as required under Washington State RCW Section 35.58.2795 and the federal Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU). This report provides summary information for 2011 as well as projected changes for 2011-2016.

Intercity Transit, the business name for the Thurston County Public Transportation Benefit Area (PTBA), was established in September 1980 as authorized by Washington State law, RCW 36.57A. A brief history of the agency follows.

## Agency History

September 1980: Voters from Olympia, Lacey, Tumwater, and the surrounding urban area, approved collection of a sales tax of up to 3/10ths of $1 \%$ for the PTBA. On January 1, 1981, the PTBA Authority formally assumed control of local transit services previously operated through an intergovernmental agreement between the cities of Lacey, Olympia, and Tumwater.
May 1992: Further expansion of the Intercity Transit service area occurred. Thurston County voters outside the urban area approved the $3 / 10$ ths of $1 \%$ sales tax to support the expansion of the PTBA to include all of Thurston County. This included the south county cities and towns and rural areas of unincorporated Thurston County.

1995-1999: Local sales tax revenue slowed dramatically and resulted in the gradual reduction of service as a way of balancing service costs with revenues. In March 1999, a proposed 2/10ths of $1 \%$ increase in the sales tax for preserving service and a modest expansion failed, forcing an $8 \%$ reduction in service. Then in November '99, statewide Initiative 695 passed, which cut Motor Vehicle Excise Tax (MVET) revenue for transit. The courts found it unconstitutional, but the State Legislature subsequently eliminated it for public transit use.
2000-2002: The loss of MVET funding resulted in a decrease of $40 \%$ in revenue and required a $42 \%$ service reduction in February 2000. In early 2002, a Public Transportation Improvement Conference was convened of the jurisdictions in Thurston County resulting in agreement that reduced the service boundary to the urbanized areas of Olympia, Lacey, Tumwater and Yelm. The new boundary, established September 2002, became effective January 2003. In September ' 02 , voters within the new boundary approved an increase of $3 / 10$ ths to $6 / 10$ ths of $1 \%$ in local sales tax. The new rate went into effect in 2003.

2003-2005: Incremental service increases in 3 phases began. It reversed a trend that saw over a $50 \%$ reduction in fixed-route service since 1995. Both Phase 1 (February '03) and Phase 2 (September ' 04 ) included $15 \%$ increases in service hours. A new corporate logo, bus graphics, and uniforms were also introduced in '04. During 2005 the focus was on rebuilding the fleet, updating operational software and systems, improving facilities and completing market research and ridership studies.
2006-2007: Implemented a Phase 3 increase of over 15\% in service hours. A circulator route, "Dash," was begun between the Capitol Campus and downtown Olympia. Completed a fixed route Short and Long Range Service Plan; 26 expansion vanpools acquired; installation of a communications system with advanced digital radio, AVL tracking, stop announcements and auto-passenger counters were completed in ' 07 . In ' 07 a new multi-year service plan and a foundation for technological investments got underway. A small increase in service hours was implemented and upgrading of the fleet included 23 new buses ( 5 expansion), three Dial-A-Lift vans and 44 vanpools ( 27 expansion). Total system boardings in ' 07 increased $12 \%$ above ' 06 . A new education program, "Smart Moves," for middle and high school students began; completed
state funded Trip Reduction program with state offices in Tumwater; engaged over 1,000 participants in the annual Bicycle Commuter Contest.

2008-2009: An 11\% increase in service hours focused on local service enhancements and 15 minute service on major corridors. Expansion of the Martin Way Park \& Ride Lot (Lacey) began. Installation of on-board security camera for the fleet was completed. System wide ridership hit new record of over 5.1 million boardings in ' 08 as fuel prices nationwide rose to $\$ 3.50 \mathrm{gal}$. Received two national awards in '09: APTA's "Outstanding Public Transportation System" for medium sized systems and FTA's "Success in Enhancing Transit Ridership." Martin Way P\&R expansion completed ( 138 to 319 stalls); completed major market research and ridership studies; completed master site plan for expansion of the operations base and updated plan for the Olympia Transit Center (OTC) expansion; received WSDOT grants to construct a 300 stall P\&R on the Thurston County Waste and Recovery Center; and a 'Safe Routes to Schools' program for bicycle youth program at several schools. System's base fare increased from $\$ .75$ to $\$ 1$.

2010: First of six hybrid (electric-diesel) buses were acquired as replacements. District voters approved an increase of $0.2 \%$ in local sales tax in August. New rate for transit became $.8 \%$ Jan '11. Plans for the OTC continued including provision for accommodating Greyhound/interstate transit service. Pre-construction got under way for the Hawks Prairie Park \& Ride in NE Lacey. A pilot program for discounted bus passes began, aimed at assisting local non-profit and human service agencies dealing with cuts in funding while still trying to meet the needs of their clients.

2011: Our 30 th Anniversary. Implemented a modest $3.1 \%$ increase in service focused on improvements for heavily used routes and weekend service. Implemented a website based trip planning feature (Google Maps) and participation in a regional mobile device application for 'next bus' information. Selected as one of ten transit systems in the nation to receive ISO 14001certified Environmental and Sustainability Management System training, and implemented objectives for reaching those goal. Continued major capital facility projects for the OTC, Operations Base and the Hawks Prairie P\&R Lot. Completed a DAL rider/client survey. Record ridership on fixed route service, 4.5 million, and 5.3 million for all services combined.

## Governing Board

The Intercity Transit Authority governs the organization. The board increased to nine members with a state mandated addition of a labor representative in 2010. The other members consist of five elected officials representing the jurisdictions of Thurston County, Lacey, Olympia, Tumwater, and Yelm, plus three citizen representatives appointed by the Transit Authority. Citizen representatives serve three-year terms and elected officials are appointed by their respective jurisdiction. Intercity Transit is the only system in Washington with citizen members serving on its governing board.

## Table of Organization

As of December 2011, Intercity Transit's budget included 301 full-time equivalent staff positions (see table below for FTE's and Appendix A for organization chart). 4 FTE's delayed in 2010-11.

| Department | $\begin{aligned} & \text { Jan } 1 \\ & 2009 \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Jan } 1 \\ & 2010 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline \text { Jan 1 } \\ & 2011 \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Dec } 31 \\ 2011 \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| Executive | 4.5 | 4.5 | 4.5 | 4.5 |
| Human Resources - Assistants \& Analysts | 4.5 | 4.5 | 4.5 | 4.5 |
| Finance \& Administration | 5.75 | 5.75 | 9.75 | 10.75 |
| Accounting, Inventory, Clerical, *Information Systems to Maintenance mid '08 back to Finance late-'10 | 5.75* | 5.75* | $\begin{aligned} & 5.75 \\ & 4.0^{*} \end{aligned}$ | $\begin{gathered} 5.75 \\ 5 . .0 \end{gathered}$ |
| Operations: | 206.0 | 207.0 | 209.75 | 215.75 |
| Operators | 169.0 | 169.0 | 169.0 | 175.0 |
| Customer Service and Vanpool | 11.0 | 12.0 | 13.0 | 13.0 |
| Dial-A-Lift | 11.0 | 11.0 | 11.0 | 11.0 |
| Supervisors and Administrative | 15.00 | 15.0 | 15.0 | 15.0 |
| *Village Vans to Operations in '10 |  |  | 1.75 | 1.75 |
| Maintenance: | 51.0 | 52.0 | 45.0 | 47 |
| Coach/Auto Technicians | 21.0 | 21.0 | 20.0 | 21.0 |
| Facilities maintenance | 6.0 | 7.0 | 7.0 | 7.0 |
| Other Maintenance | 19.0 | 19.0 | 18.0 | 19.0 |
| Information Systems to Finance late '10 | --- | --- | 5.0 | --- |
| Development: | 18.55 | 19.55 | 16.5 | 18.5 |
| Administration/Grants/Sustainability | 2.0 | 3.0 | 2.0 | 4.0 |
| Planning | 4.0 | 4.0 | 4.0 | 4.0 |
| Procurement/Inventory | 6.0 | 6.0 | 6.0 | 6.0 |
| Marketing \& Communications | 4.8 | 4.80 | 4.50 | 4.5 |
| Village Vans moved to Operations | 1.75 | 1.75 | --- | --- |
| Total Employees | 290.30 | 293.30 | 290.00 | 301 |

## Section 2: Physical Plant

Intercity Transit dispatches all services from its administrative and maintenance base facility at 526 Pattison Street SE, Olympia. See Appendices for the completed forms for the State's information about Intercity Transit's rolling stock, owned equipment, and facility inventories.

## Section 3: Service Characteristics - 2011

During 2011, Intercity Transit provided a variety of transportation services benefiting the citizens of Thurston County (See Appendix for service area district maps):

## Fixed Route Service Operation

During 2011, 23 fixed routes as well as ADA paratransit (Dial-A-Lift) service were provided. Days of service on weekdays, generally 5:40 a.m. - 11:55 p.m.; Saturdays, generally 8:15 a.m. 11:55 p.m.; and Sundays between 8:30 a.m. - 9:00 p.m. No service on three national holidays. Fares: Recovered $10.8 \%$ of operating costs.
Total Boardings: 4,505,284, an increase of 4.46\% above 2010.

## Services for Persons with Disabilities Operation

"Dial-A-Lift" provides door-to-door service for people with qualified ADA disabilities, which prevents them from using regular bus services. Dial-A-Lift hours of operation reflect all Fixed Route service. No service on three national holidays.
Fares: Recovered about $2.8 \%$ of operating costs.
Total Boardings: 147,017, an increase of $1.54 \%$ above 2010.
Fare Structure for Local Fixed Route and Dial-A-Lift Service

| Local | Per <br> Fide | Daily <br> Pass | IT Monthly Pass <br> (ORCA currently not <br> accepted on Local <br> service) | Express <br> Olympia/Lacey <br> Per Ride | ORCA: One Regional <br> Card for All (1/2010) <br> Electronic fare card for <br> Central Puget Sound |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Regular Adult | $\$ 1.00$ | $\$ 2.00$ | $\$ 30.00$ | $\$ 2.50$ | PugetPass discontinued <br> replaced by ORCA |
| Youth (6-17 yrs) <br> [Under 5 ride free] | $\$ 1.00$ | $\$ 2.00$ | $\$ 15.00$ | $\$ 2.50$ | PugetPass discontinued <br> replaced by ORCA |
| Reduced* | $\$ .50$ | $\$ 1.00$ | $\$ 15.00$ | $\$ 1.25$ | PugetPass discontinued <br> replaced by ORCA |
| Dial-A-Lift <br> Reduced* | $\$ 1.00$ | $\$ 2.00$ | $\$ 30.00$ <br> $\$ 15.00^{*}$ | NA | NA |

* Reduced Fare Permit required. Eligibility based on age, disability or possession of a Medicare card.


## Vanpool Services Operation

By the end of 2011 there were 200 Intercity Transit commuter vanpools in operation throughout the Puget Sound region. This was an increase from 179 the year before. Over the year, the vanpools carried an average of 1,500 daily riders.

Intercity Transit staff markets the vanpool program to employers and individuals, facilitates group formation and provides defensive driver training. Vanpool groups lease the vehicles on a monthly mileage basis, operate independently and are generally in service weekdays, from 5 a.m. - 6:30 p.m.

Fares: Recovered $96 \%$ of the direct operating costs.
Total Boardings: 684,062, an increase of 7.71\% above 2010.
Ridematching: Free service. Intercity Transit is a member of Washington State Ridematch network that provides a computerized database of individuals interested in carpooling and vanpooling. Established in 1997, it allows commuters the ability to make contacts throughout the state either through a toll free call, over the internet or with a local transit system.

## Village Vans Operation

Service began in 2002 for this grant-funded program. Intercity Transit operates with three vans to help meet work-related transportation challenges for families with low incomes. Of the 177 individuals that participated in the program, there were a total of 5,582 boardings in $2011(-6.34 \%$ decrease from 2010). Of the client base $59 \%$ of those qualified under Temporary Assistance for Needy Families (a $50 \%$ average is required of the service), $41 \%$ were low-income receiving some type of state or federal assistance. Vans are driven by eligible job seekers referred by a variety of agencies to participate in the Village Vans Customized Job Skills Training Program. Nine drivers found good jobs as did many riders while in the program this year. This innovative program works with representatives from the Departments of Employment Security, Social and Health

Services, South Puget Sound Community College and other local service agencies to support their client needs.

## Commute Trip Reduction Program

In 2005, the Thurston region implemented a program transition with a cooperative effort that includes the Thurston Regional Planning Council overseeing program administration and worksite support and Intercity Transit providing outreach and marketing efforts. The partnership continues for the 2011-13 biennium. It makes a commitment to the goals of the CTR law while providing on-going assistance to both local jurisdictions and affected worksites. With the goal of reducing the number of single occupant vehicle trips, vehicle miles traveled, congestion, and greenhouse gases and providing other options for commuters, the Region is now required under Senate Bill 6088 that all state worksites and state colleges - no matter the size - in the urban portions of Lacey, Olympia and Tumwater to participate in CTR. Currently, the regional team supports 212 active worksites of which 204 are affected sites and eight are voluntary.

## Land Use Review and Support Program

Intercity Transit is one of a number of local agencies to review land use permitting requests. Staff works with local governments, and public and private developers to maximize the opportunities for public transportation through effective land use planning and urban design. During 2011 staff received 282 submissions, reviewed 136 and commented on 13 applications requesting transit amenities, generally the addition of a stop and/or shelter or improved ADA pedestrian access to an existing stop.

## Agency Performance

Intercity Transit actively pursues efforts to improve the internal operations of the agency through improved communications, increased employee involvement and better understanding of the needs and desires of customers and employees. These efforts are aimed at making Intercity Transit a valued employer and enabling employees to effectively serve their customers.

Intercity Transit reviews financial and ridership performance on a monthly basis, and provides updates to the Citizen Advisory Committee and the Intercity Transit Authority as needed. Intercity Transit also distributes a twice-yearly Performance Report to the community highlighting system performance and surveyed customer satisfaction indicators.

## Section 4: Service Connections

In 2011 Intercity Transit provided connections with four other public transit operators, two rural regional service providers, as well as Greyhound and Amtrak service:

## Pierce Transit (PT)

(Express service
eliminated October 2011)

Since 1988, Pierce Transit jointly operated the Olympia Express service with Intercity Transit. During 2011, this included five routes that linked Thurston with Pierce Counties. Intercity Transit operated two of the routes on weekdays and the other on weekends. In October 2011 PT dropped their two weekday Express routes due to financial constraints.

# Mason County Transit 

Grays Harbor Transit

AMTRAK

## Greyhound

Rural Transportation (South Thurston Co - Olympia)
Lower Columbia CAP
(Vancouver - Tumwater service)
Park \& Ride Lots (P\&R)

Olympia Express services connect with ST in Lakewood (Lakewood Station and S.R. 512 P\&R Lot), Tacoma Dome Station, and in Downtown Tacoma. From these locations riders can transfer to ST buses that travel to Seattle and Sea-Tac Airport.

Intercity Transit provides limited connections to Sounder, a regional commuter rail service, at the Tacoma Dome Station.

Service connections from Shelton to the Westfield Mall transfer station and Olympia Transit Center in Olympia.
Service between Aberdeen, WA and the Westfield Mall transfer station, Greyhound bus terminal and Olympia Transit Center in Olympia.

Intercity Transit Routes 64 and 94 provide half hour peak and hourly off-peak service 7 days a week to the Olympia-Lacey station location.

Four local Intercity Transit routes provide service within a block of the downtown Olympia Greyhound bus terminal.
Two smaller rural systems funded by WSDOT grants provide regional connections with Intercity Transit routes in a number of locations within the service district. In late 2011 CAP eliminated service into Thurston County.

Fixed routed service available at two lots: Lacey - Martin Way P\&R (Local \& Express service) Thurston Co - Amtrak rail station (Local)

Educational Facilities

Fixed route service is available to many public and private grade schools throughout the service district. Of four school districts that exist within Intercity Transit's service district, 28 of the 50 public schools are served by transit routes. A number of these routes also have schedules that coincide with the school's opening and closing hours of operation.
Intercity Transit provides service to the Olympia campuses of South Puget Sound Community College and The Evergreen State College. Service is also available to Saint Martin's University (Lacey), but not onto the campus. The schools participate in local Commute Trip Reduction incentives and have a transit pass program for students, faculty and staff.

## Section 5: Activities in 2011

Transit use hit an all-time record level with over 4.5 million fixed route boardings and 5.3 million boardings for all services. Significant agency activity during the year dealt with capital facility projects and developing environmental sustainable goals that limit the use of non-renewable resources, reduces waste and pollution, promotes public stewardship and protects the natural environment as much as possible. Capital facilities involved the continuing effort to accommodate needed growth with retrofitting of the Olympia Transit Center, Intercity Transit's Operations Base and the development of a new park \& ride lot in NE Lacey. Highlights of other agency efforts during the year included:
New Fleet Vehicles: Seventeen replacement and one expansion Dial-A-Lift vans, and 47 replacement commuter vanpool vehicles.
Transit Service: Service levels were held steady over the year with the exception of the Olympia Express service, a route revision on a secondary route and service hour reduction for the Dash circulator. Olympia Express service was impacted by Pierce Transit's initial reduction earlier in the year of trips and then total elimination of the service in October. Intercity Transit added four additional trips to fill service gaps and then added a couple of back-up buses for trips consistently with standing room only conditions.

New Shelters and Amenities: Retrofitted 18 shelters with interior solar lighting. Ten new or upgraded bus stops were made accessible through private developer improvements including the addition of six shelters.

Service Planning: With the successful vote in 2010 to increase local sales tax, the revenue increase allowed service to be maintained and also allowed for a nominal $3.1 \%$ increase in service hours implemented in early 2011.

Ridership: System-wide Total Boardings (Fixed Route, DAL and Vanpool) increased 4.76\% over 2010. Vanpool boardings, which declined in 2010, jumped back up with a $7.5 \%$ increase. The increase in system ridership appears to reflect substantial increases in fuel prices at the pump coupled with an economy that's slowly picking up. Both Fixed Route and Dial-A-Lift boardings increased: $\mathrm{FR}=4.5 \%$; $\mathrm{DAL}=1.5 \%$.

Village Van: Welfare-to-Work transportation program had 5,582 boardings ( $-6.3 \%$ decrease) but provided transportation to 177 low-income job seekers during 2011. This program operates in partnership with 16 local social and public service agencies, and the South Puget Sound Community College and employs and trains individuals to become drivers as well as providing rides to qualified individuals.
Vanpool Program: Over 684,062 passenger trips were recorded during the year, an increase of $7.71 \%$ from the previous year's tally. The increase appears to reflect the small uptick in the regional economy. Vanpool groups jumped back up from 175 vans on the road to 202, operating throughout a five countywide region. With certified and trained volunteer drivers in place, these vanpools carried an average of 1,500 daily riders removing over 1,200 vehicles from our congested roadways each weekday.
Innovative Programs: Intercity Transit continued the growth of its "Smart Moves" youth education program throughout the year reaching an estimated 7,000 students in 22 schools through direct interaction, mailing outreach materials, special events, and participation in allschool programs like, "Bike and Walk to School Days." Other sponsored school related programs included, "Walk n'Roll," "Build-a-Bike", and "Undriving." The intent is to build the next generation of safe and healthy bikers, walkers and transit riders. We also continued to maintain and improve internet social media to broaden the agency's relevance and relationships with
customers and community members and provided on-line trip planning for fixed route service and participate in regional smart phone application for 'next bus' arrival information.

## Section 6: State Proposed Action Strategies 2012-2017

The Washington State Department of Transportation (WSDOT) requires transit agencies report how they are accomplishing the state's public transportation objectives as identified in state's Transportation System Policy Goals (RCW 47.04.280). This supersedes WSDOT's "Investment Guidelines" previously requiring listing of accomplishments.

## 1. PRESERVATION

Preserve and extend prior investments in existing transportation facilities and the services they provide to people and commerce.

| 2011 | 2012 - 2017 |
| :---: | :---: |
| Continued Effort | Continuing Effort |

2011

- Programmed funds continued for facility repairs at the central base as well as maintenance of all transit centers.
- Vehicle replacements included 17 Dial-A-Lift vans and one expansion van.
- Vanpool program had 47 replacement vans which keeps the fleet at 221.
- Continued efforts on master planning for expanding the current Intercity Transit base of operations.
- Updated master plan and began expansion design plans for the Olympia Transit Center to include additional facilities and bays for fixed route service and an interstate private carrier (Greyhound).
- Construction began on a new $300+$ stall park \& ride lot facility ( 6.5 acres) in NE Lacey at the Thurston County Waste and Recovery Center.
- Provided a modest $3.1 \%$ increase in local service for truck and secondary routes and added Sunday trips on Express service.

2012-2017

- Enhancements for route extensions and service frequency may occur if operational funding becomes available. Depending on when an economic recovery might occur it appears service levels will remain the same over the next 3-5 years.
- Begin update of a fixed route Short (6 yr) and Long Range (20 yr) Service Plan.
- Intercity Transit will continue to provide performance measurement reports that provide summaries to the public, twice a year, providing attributes, costs and utilization of the existing system services.
- Intercity Transit will continue to replace aging fleet vehicles as needed for Fixed Route, Dial-A-Ride and Vanpool services.
- Continue work on three capital facility projects: A) Expand and remodel operations base in Olympia to accommodate a larger fleet in order to provide more service in the future. B) Continue effort to expand the downtown Olympia Transit Center as a transportation hub including accommodating an inter-city provider (Greyhound), C) Open the Hawks Prairie Park \& Ride Lot in NE Lacey (Fall 2012).


## 2. SAFETY

Target construction projects, enforcement, and education to save lives, reduce injuries, and protect property.

| 2011 | 2012 -2017 |
| :---: | :---: |
| Made Progress | Continuing Effort |

2011

- Safety is the system's \#1 priority. A Safety Committee meets monthly and, if necessary, confers on major events. Reviews monthly safety report, maintains ongoing safety records, and makes recommendations to General Manager on issues involving employee and customer safety.
- Regular and on-going training of Operations and Maintenance staff as well as other agency support staff, remains a vital component of the organization.
- Participates in local and regional efforts to increase and improve security components within the service district and improve coordination between agencies, especially with local emergency services.
- On-bus security camera upgrades to capture image and audio continue. Cameras dramatically improved the ability to document safety concerns and to provide additional evidence in the case of on-bus incidents and vehicle accidents.
- Continued participation in the regional coordination of the Puget Sound Transportation Recovery Plan for major disruptions to vital transportation facilities and links at both the local and regional level.
2012-2017
- Agency will continue to develop programs for agency staff. In-house safety programs and committees meet on a regular basis to review existing conditions with an eye toward making improvements.
- Continue to work with and make improvements as needed with other public agencies regarding safety on both the local and regional level.
- Provide training to ensure understanding and integration of National Incident Management System, the Emergency Preparedness and Security Plan and the continuity of an Operations Plan. Continue to acquire and implement modifications to facilities and vehicles to increase safety and security for customers and employees.


## 3. STEWARDSHIP

Continuously improve the quality, effectiveness, and efficiency of the transportation system.

| 2011 | $2012-2017$ |
| :---: | :---: |
| Continued Effort | Continuing Effort |

2011

- Intercity Transit continues to be involved with working with local jurisdictions and employers to promote the use of alternative transportation modes as well as Transportation Demand Management and Commute Trip Reduction efforts.
- Active in local and regional partnerships that regularly review, plan, coordinate and implement improvements to the local transportation
network of roads, technology and services.
- Transit staff regularly attend community business association meetings to update and provide leadership in efforts to support and improve local and regional transportation network.
- Actively participate in a coordination network of human service organizations to improve mobility for those challenged by income and/or disabilities.
2012-2017
- Staff will continue to work with and participate in community based efforts to improve transportation efficiency in both the technical and service fields.
- Staff will actively participate in continuing partnerships that address transportation issues locally and regionally.


## 4. MOBILITY

Facilitate movement of people and goods to contribute to a strong economy and a better quality of life for citizens.

| 2011 | $2012-2017$ |
| :---: | :---: |
| Made Progress | Continuing Effort |

2011

- Intercity Transit staff continues to participate in local and state planning efforts to develop and improve alternatives to single occupant vehicles. Staff also takes an active role with regional long range transportation planning activities dealing with congestion and environmental impacts.
- Intercity Transit and Thurston Regional Planning Council also cooperatively participate in local CTR efforts. We continued to lead in marketing efforts with employers around Thurston County. In addition, Intercity Transit staff also continues to provide education and outreach efforts to public schools and coordinates an annual county wide bicycle commuting contest.
- Intercity Transit staff regularly review land use and community design components and comments, as needed, for transportation integration and ADA accessibility.
- Intercity Transit has service integration with four other public transportation service providers, one rural regional service provider, as well as interstate bus and passenger rail service.
- Intercity Transit continues to provide regional integration of transportation services from fixed route and Dial-A-Lift (paratransit) services to providing a commuter Vanpool program and a Village Van program for qualified low-income recipients.
- The agency continued to work in partnerships with employers and colleges who encourage employees and students to use public transit.
- Staff continued to work with WSDOT on state employee's transit 'STAR Pass' contract. The pass is available to all State employees working in Thurston County. A WSDOT ORCA pass for employees who use vanpool vehicles throughout the Puget Sound region was continued as was a similar agreement with the University of Washington (Seattle). Locally, student pass programs with the South Puget Sound Community College, Evergreen State College and St Martin's University
continued. Pass agreements with Thurston County and the Thurston Regional Planning Council for their employees also continued.
- Intercity Transit staff regularly participates in local and regional meetings and with local, regional, state and tribal staff. Over the past year, staff continued participation in a regional effort, now funded with federal CMAQ funds, to make improvements in local traffic control technologies that will incorporate a 'transit signal priority' system.
- Agency continued with WSDOT funding of Phase 1 work for a new park \& ride lot that utilizes 6.5 acre parcel at Thurston County's Waste and Recovery Center landfill.
- Intercity Transit staff will continue to work proactively on a range of transportation planning activities on the local and state level.
- Additional community based and target marketing efforts will continue over the next few years.
- The agency will continue to work with the other transportation providers to improve connections between services. Work will continue on coordinating and integrating electronic 'smart card' fare technology between providers.
- Staff will continue to work with local jurisdictions in partnership to improve public transportation accessibility between residential and commercial areas as well as on-going partnerships for road and safety improvements.
- Staff will also continue to work with local jurisdictions, state, and tribal organizations in partnership to improve public transportation in the region for services along state roads and federal interstate.
- Continued funding for Phase 2 construction of the Hawks Prairie Park \& Ride at the Thurston County Waste and Recovery Center with completion estimated by Fall 2012.
- Intercity Transit will continue to integrate improvements in information technology and transportation services. This includes web-based information, mobile phone applications, on-street displays and other information materials that encourage and promote transportation alternatives.


## 5. ENVIRONMENTAL QUALITY AND HEALTH

Bring benefits to the environment and our citizens' health by improving the existing transportation infrastructure.

| 2011 | $2012-2017$ |
| :---: | :---: |
| Made Progress | Continuing Effort |

- Intercity Transit continues to utilize biodiesel fuel to of a 5-20\% blend throughout the fleet. All buses run on ultra-low sulfur diesel. The agency meets all on-site water quality standards including recycling antifreeze, engine oil, office paper, cardboard and printer inks.
- In-house Sustainability Committee continued to review and analyze existing conditions and make recommendations for improving the agency's sustainability efforts.
- Transit Authority approved an Environmental \& Sustainability Policy, which implemented a system for ISO 14001-2004 standards. A staff position was created to coordinate this effort. Pursued additional federal support and training for improving and monitoring in-house sustainability efforts.
- Intercity Transit will continue to utilize biodiesel and ultra-low sulfur diesel. Higher blends of biodiesel maybe possible depending on cost.
- Agency core staff will continue training in 2012 in Environmental and Sustainability Management Systems to become certified in international standards that allow an organization to "analyze, control and reduce the environmental impact of its activities, products and services and operate with greater efficiency and control."
- Fixed route bus replacements will be hybrid vehicles. Replacement of smaller staff vehicles with electric vehicles will be implemented.
- Continue growth of the "Smart Moves" youth education program involving students, parents and teachers to help students confidently and safely bicycle, walk, and ride transit. Support healthy choices yearround of biking, walking and transit use, including hosting the annual Thurston County Bicycle Commuter Contest.


## Section 7: Summary of Proposed Changes 2012-2017

In addition to the efforts Intercity Transit will engage in to meet Washington State's Transportation System Policy Goals, the following table provides a summary of proposed changes for service, facilities and equipment over the next six years:

| $\underline{2012}$ | Preservation/Maintain | Expansion |
| :---: | :---: | :---: |
| Services | No Change | Fixed Route: 750 hours (Express) |
| Facilities | Bus stop improvements Facility improvements | Hawks Prairie P\&R (Lacey) <br> Preliminary OTC/Greyhound <br> Fare collection: 'smart card' <br> Lacey Transit Cnt Cameras |
| Equipment | Buses: 7 (hybrids) <br> DAL: 9 <br> Vanpools: 35, Village Vans: 1 | DAL: 1 <br> Vanpools: 11 <br> Electronic smart card readers |
| $\underline{2013}$ | Preservation/Maintain | Expansion |
| Services | No Change | No Change |
| Facilities | Bus Stop improvements Facility improvements | Tumwater P\&R OTC/Greyhound Operations Base |
| Equipment | Vanpools: 44 | Vanpools: 11 <br> Electronic smart card readers |


| 2014 | Preservation/Maintain | Expansion |
| :---: | :---: | :---: |
| Services | No Change | No Change |
| Facilities | Bus Stop Improvements Facility improvements | Operations Base Tumwater P\&R Yelm P\&R |
| Equipment | Buses: 7 (hybrids) Vanpools: 47 <br> Village Vans: 2 | Vanpools: 11 |
| $\underline{2015}$ |  |  |
| Services | No Change | No Change |
| Facilities | Bus Stop Improvements | Tumwater P\&R |
| Equipment | DAL: 5 <br> Vanpools: 45 | DAL: 2 <br> Vanpools: 11 |
| $\underline{2016}$ |  |  |
| Services | No Change | No Change |
| Facilities | Bus Stop Improvements | No Change |
| Equipment | DAL: 2 <br> Vanpools: 5 | Vanpools: 11 |
| $\underline{2017}$ |  |  |
| Services | No Change | No Change |
| Facilities | Bus Stop Improvements Facility Improvements | No Change |
| Equipment | Vanpools: 45 | DAL: 1 <br> Vanpools: 11 |

## Section 8: Capital Improvement Program 2011-2017

VEHICLE PROJECTIONS

|  | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Revenue Vehicles at Y/E | 326 | 338 | 349 | 360 | 373 | 384 | 396 |
| Fixed Route Coaches | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Beg. Yr. \# of Vehicles in Fleet | 68 | 68 | 68 | 68 | 68 | 68 | 68 |
| Replacement Vehicles <br> Expansion Vehicles <br> From Contingency Fleet |  | 7 |  | 7 |  |  |  |
| End of Yr. Fleet Size | 68 | 68 | 68 | 68 | 68 | 68 | 68 |
| Total Actual Coach Purchases | 0 | 7 | 0 | 7 | 0 | 0 | 0 |



| Village Vans | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Beg. Yr. \# of Vehicles in Fleet
Replacement Vehicles

|  | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| End of Yr. Fleet Size | 3 |  | 3 | 3 |  |  |  |


Vehicle Expenses

| Coaches | 2011 | 2012 |  | 2013 |  | 2014 |  | 2015 | 2016 | 2017 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Coach Unit Cost | \$672,709 | \$700,000 |  | \$724,456 |  | \$749,766 |  | \$775,961 | \$803,071 | \$831,127 |
| Total Units Purchased | 0 | 7 |  | 0 |  | 7 |  | 0 | 0 | 0 |
| Total Expense | \$0 | \$4,900,000 |  | \$0 |  | \$5,248,363 |  | \$0 | \$0 | \$0 |
| Dial-A-Lift Vans | 2011 | 2012 |  | 2013 |  | 2014 |  | 2015 | 2016 | 2017 |
| DAL Van Unit Cost | \$ 110,849 | \$ 114,729 | \$ | 118,744 | \$ | 122,900 |  | 127,202 | \$131,654 | \$ 136,262 |
| Total Units Purchased | 18 | 10 |  | 0 |  | 0 |  | 7 | 2 | 1 |
| Total Expense | \$1,995,282 | \$1,147,287 |  | \$0 |  | \$0 |  | \$890,412 | \$263,308 | \$136,262 |
| Vanpools | 2011 | 2012 |  | 2013 |  | 2014 |  | 2015 | 2016 | 2017 |
| Vanpool Van Unit Cost | \$ 26,400 | \$ 28,000 |  | 28,980 |  | 29,994 |  | 31,044 | \$ 32,131 | \$ 33,255 |
| Total Units Purchased | 47 | 46 |  | 55 |  | 58 |  | 56 | 16 | 56 |
| Total Expense | \$1,240,800 | \$1,288,000 |  | 1,593,900 |  | \$1,739,669 |  | \$1,738,470 | \$514,090 | \$1,862,292 |
| Village Vans | 2011 | 2012 |  | 2013 |  | 2014 |  | 2015 | 2016 | 2017 |
| Village Vans | \$ 24,932 | \$ 50,000 | \$ | 26,708 | \$ | 27,642 | \$ | 28,610 | \$ 29,611 | \$ 30,647 |
| Total Units Purchased | 0 | 1 |  | 0 |  | 2 |  | 0 | 0 | 0 |
| Total Expense | \$0 | \$50,000 |  | \$0 |  | \$55,285 |  | \$0 | \$0 | \$0 |

$$
\begin{array}{lrrrrrrr}
\text { Total Expenses } \\
\\
\text { Expenses } & 2011 & \mathbf{2 0 1 2} & \mathbf{2 0 1 3} & \mathbf{2 0 1 4} & \mathbf{2 0 1 5} & \mathbf{2 0 1 6} & \mathbf{2 0 1 7} \\
\hline & & & & & & & \\
\text { Coaches } & \$ 0 & \$ 4,900,000 & \$ 0 & \$ 5,248,363 & \$ 0 & \$ 0 & \$ 0 \\
\text { Dial-A-Lift Vans } & \$ 1,995,281 & \$ 1,147,287 & \$ 0 & \$ 0 & \$ 890,412 & \$ 263,308 & \$ 136,262 \\
\text { Vanpools } & \$ 1,240,800 & \$ 1,288,000 & \$ 1,593,900 & \$ 1,739,669 & \$ 1,738,470 & \$ 514,090 & \$ 1,862,292 \\
\text { Village Vans } & \$ 0 & \$ 50,000 & \$ 0 & \$ 55,285 & \$ 0 & \$ 0
\end{array}
$$

Staff Vehicles


| General Staff Vans | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Beg. Yr. \# of Vehicles in Fleet | 2 | 2 | 1 | 1 | 1 | 1 |  | Beg. Yr. \# of Vehicles in Fleet

Replacement Vehicles
Replacement Vehicles
Expansion Vehicles

| Expansion Vehicles |
| :--- |
| End of Yr. Fleet Size |



$$
\begin{array}{lrrrrrrrr}
\text { Facility Truck } & \mathbf{2 0 1 1} & \mathbf{2 0 1 2} & \mathbf{2 0 1 3} & \mathbf{2 0 1 4} & \mathbf{2 0 1 5} & \mathbf{2 0 1 6} & \mathbf{2 0 1 7} \\
\hline \text { Beg. Yr. \# of Vehicles in Fleet } & 5 & 5 & 5 & 5 & 5 & 5 & 5 \\
\text { Replacement Vehicles } & & & & & 1 & \\
\text { Expansion Vehicles } & 5 & 5 & 5 & 5 & 5 & \mathbf{5} & \\
\hline \text { End of Yr. Fleet Size } & & & & & & \mathbf{5} \\
\hline \text { Total Actual Facility Truck Purchases } & \mathbf{0} & \mathbf{0} & \mathbf{0} & \mathbf{0} & \mathbf{1} & \mathbf{0} & \mathbf{0} \\
\hline
\end{array}
$$

$$
\begin{array}{lrrrrrrrr}
\text { Facility Maintenance Trailers } & \mathbf{2 0 1 1} & \mathbf{2 0 1 2} & \mathbf{2 0 1 3} & \mathbf{2 0 1 4} & \mathbf{2 0 1 5} & \mathbf{2 0 1 6} & \mathbf{2 0 1 7} \\
\hline \text { Beg. Yr. \# of Vehicles in Fleet } & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\
\text { Replacement Vehicles } & & & & & & & \\
\text { Expansion Vehicles } & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\
\hline \text { End of Yr. Fleet Size } & & & & & & \\
\hline & \mathbf{0} & \mathbf{0} & \mathbf{0} & \mathbf{0} & \mathbf{0} & \mathbf{0} & \mathbf{0} \\
\hline \text { Total Actual Facility Truck Purchases } & &
\end{array}
$$

|  | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  |  | 2 | 1 | 2 | 2 | 1 | 1 |  |

Vehicle Expenses and Revenues


| Ops Service Vans | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Op Service Van Unit Cost | $\$ 31,700$ | $\$ 32,800$ | $\$ 33,900$ | $\$ 35,100$ | $\$ 36,300$ | $\$ 37,600$ | $\$ 38,900$ |
| Vehicle Cost Inflation Rate | $3.5 \%$ | $3.5 \%$ | $3.5 \%$ | $3.5 \%$ | $3.5 \%$ | $3.5 \%$ | $3.5 \%$ |
| Total Units Purchased | 0 | 0 | 2 | 0 | 0 | 1 | 0 |
| Total Expense |  |  |  |  |  |  |  |

$$
\begin{array}{lrrrrrrr}
\text { General Staff Vans } & \mathbf{2 0 1 1} & \mathbf{2 0 1 2} & \mathbf{2 0 1 3} & \mathbf{2 0 1 4} & \mathbf{2 0 1 5} & \mathbf{2 0 1 6} & \mathbf{2 0 1 7} \\
\hline \text { General Staff Van Unit Cost } & \$ 26,700 & \$ 27,600 & \$ 28,600 & \$ 29,600 & \$ 30,600 & \$ 31,700 & \$ 32,800 \\
\text { Vehicle Cost Inflation Rate } & 3.5 \% & 3.5 \% & 3.5 \% & 3.5 \% & 3.5 \% & 3.5 \% & 3.5 \% \\
\text { Total Units Purchased } & 1 & 0 & 0 & 0 & 0 & 0 & 0 \\
\hline \text { Total Expense } & \$ 26,700 & \$ 0 & \$ 0 & \$ 0 & \$ 0 & \$ 0 & \$ 0 \\
\hline & & & & & & & \\
\text { General Staff Car } & \mathbf{2 0 1 1} & \mathbf{2 0 1 2} & \mathbf{2 0 1 3} & \mathbf{2 0 1 4} & \mathbf{2 0 1 5} & \mathbf{2 0 1 6} & \mathbf{2 0 1 7} \\
\hline \text { General Staff Car Unit Cost } & \$ 40,000 & \$ 29,000 & \$ 30,000 & \$ 31,100 & \$ 32,200 & \$ 33,300 & \$ 34,500 \\
\text { Vehicle Cost Inflation Rate } & 3.5 \% & 3.5 \% & 3.5 \% & 3.5 \% & 3.5 \% & 3.5 \% & 3.5 \% \\
\text { Total Units Purchased } & 1 & 1 & 0 & 1 & 0 & 0 & 0 \\
\hline \text { Total Expense } & \$ 40,000 & \$ 29,000 & \$ 0 & \$ 31,100 & \$ 0 & \$ 0 & \$ 0 \\
\hline
\end{array}
$$

$$
\begin{array}{lrrrrrrr}
\text { General Staff Station Wagon } & \mathbf{2 0 1 1} & \mathbf{2 0 1 2} & \mathbf{2 0 1 3} & \mathbf{2 0 1 4} & \mathbf{2 0 1 5} & \mathbf{2 0 1 6} & \mathbf{2 0 1 7} \\
\hline \text { General Staff Station Wagon Unit Cost } & \$ 22,900 & \$ 23,700 & \$ 24,500 & \$ 25,400 & \$ 26,300 & \$ 27,200 & \$ 28,200 \\
\text { Vehicle Cost Inflation Rate } & 3.5 \% & 3.5 \% & 3.5 \% & 3.5 \% & 3.5 \% & 3.5 \% & 3.5 \% \\
\text { Total Units Purchased } & 0 & 0 & 0 & 1 & 0 & 0 & 0 \\
\hline \text { Total Expense } & \mathbf{\$ 0} & \mathbf{\$ 0} & \mathbf{\$ 0} & \mathbf{\$ 2 5 , 4 0 0} & \mathbf{\$ 0} & \mathbf{\$ 0} & \mathbf{\$ 0} \\
\hline
\end{array}
$$

$$
\begin{array}{llllllll}
\text { Facility Truck } & 2011 & 2012 & 2013 & 2014 & 2015 & 2016 & 2017 \\
\hline
\end{array}
$$

| Facility Truck Unit Cost | $\$ 53,000$ | $\$ 54,900$ | $\$ 56,800$ | $\$ 58,800$ | $\$ 68,900$ | $\$ 63,300$ | $\$ 57,500$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Vehicle Cost Inflation Rate | $3.5 \%$ | $3.5 \%$ | $3.5 \%$ | $3.5 \%$ | $3.5 \%$ | $3.5 \%$ | $3.5 \%$ |
| Total Units Purchased | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Total Expense | $\mathbf{\$ 0}$ | $\mathbf{\$ 0}$ | $\mathbf{\$ 0}$ | $\mathbf{\$ 0}$ | $\mathbf{\$ 6 8 , 9 0 0}$ | $\mathbf{\$ 0}$ | $\mathbf{\$ 0}$ |


OTHER CAPITAL AND FACILITIES

| MIS \& COMMUNICATIONS EQUIPMENT | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Air conditioner for phone room |  | \$10,000 |  |  |  |  |  |
| Computer Room remodel |  |  | \$175,000 |  |  |  |  |
| Data Deduplication System (Single Sys/5 Yr) | \$60,000 |  | \$0 |  |  | \$60,000 |  |
| Disaster Recovery Servers/Storage in another building |  | \$20,000 |  |  |  | \$20,000 |  |
| Fax Server |  | \$0 | \$20,000 |  |  |  | \$20,000 |
| Laptops - Tough Book Type (7/4YR) | \$4,500 | \$0 |  |  |  | \$4,500 |  |
| Laptops _Standard (26/4Yr) | \$8,000 |  |  |  |  | \$8,000 |  |
| Laser Printer - Specialty (7/4Yr) | \$4,000 |  |  |  | \$4,000 |  |  |
| Laser Printers High Pro BW (6/4Yr) | \$7,000 |  |  |  | \$11,000 |  |  |
| Laser Printers High Pro Color (1/4YR) | \$5,000 |  |  |  | \$10,000 |  |  |
| Orbital Reader Board Sign Replacment |  | \$0 |  |  |  |  | \$25,000 |
| Personal Computers | \$120,000 | \$85,000 | \$85,000 | \$85,000 | \$85,000 | \$85,000 | \$85,000 |
| Plotter (1/5 Yr) | \$15,000 |  |  |  |  | \$15,000 |  |
| Projector Equipment OTS conference room |  |  | \$10,000 |  |  |  | \$10,000 |
| Phone System replacement |  |  |  | \$150,000 |  |  |  |
| Servers - High Performance (8 @ 5 yr) | \$50,000 |  |  |  |  | \$60,000 |  |
| Servers - Standard (10@ 5 yr cycle) | \$30,000 | \$30,000 | \$20,000 | \$30,000 | \$10,000 | \$30,000 | \$30,000 |
| Security DVR Replacements |  | \$80,000 |  |  |  |  | \$80,000 |
| Storage Area Network (SAN) (1/5YR) |  |  |  |  | \$120,000 |  |  |
|  |  |  |  |  |  |  |  |
| Network Hardware |  |  |  |  |  |  |  |
| Firewalls (9/5 Yr) | \$36,000 |  |  |  |  | \$36,000 |  |
| Routers (4/7 YR) |  |  |  |  | \$12,000 |  |  |
| Switches (14/7 YR) |  | \$20,000 | \$24,000 | \$16,000 |  |  | \$90,000 |
| Fiber Optics/High Speed Links |  | \$70,000 |  |  |  |  |  |
| Network Wiring (10 year cycle) |  | \$80,000 |  |  |  |  |  |
| OTC new building network equipment |  |  | \$25,000 |  |  |  |  |
| Wireless access point replacement |  |  | \$30,000 |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Software |  |  |  |  |  |  |  |
| ACS Orbital upgrade rollorver | \$57,000 |  |  |  |  |  |  |
| Adobe Software Upgrades |  |  |  | \$10,000 |  |  |  |
| Budget tool |  | \$0 |  |  | \$10,000 |  |  |
| Email Archiving |  | \$5,000 |  |  |  | \$5,000 |  |
| Office Upgrades (130/5yrs) |  |  |  |  | \$53,000 |  |  |
| Windows OS replacement (PC Operating Systems) | \$33,800 |  |  |  | \$35,000 |  |  |
| VMWare Software (8 Units/5 Yrs) | \$12,000 |  |  |  |  | \$24,000 |  |
| V-Server Windows Enterprise (6 Units/5 Yrs) | \$4,500 |  |  |  |  | \$4,500 |  |
| V-Server Windows Std (20 Units/5 Yrs) | \$2,000 |  |  |  |  | \$8,000 |  |
| Microsoft Server Software Upgades/Repl. |  |  |  |  |  | \$100,000 |  |
| Total | \$448,800 | \$400,000 | \$389,000 | \$291,000 | \$350,000 | \$460,000 | \$340,000 |


| FACILITIES | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Amtrak Floor Tile Replacement |  |  | \$25,000 |  |  |  |  |
| Amtrak Airconditioner |  | \$20,000 |  |  |  |  |  |
| Remodel CS, DAL, Fare box Rm | \$18,611 |  |  |  |  |  |  |
| Air Compressor Room Mod | \$50,000 |  |  |  |  |  |  |
| Catwalk Around Heat Recovery Units | \$75,000 |  |  |  |  |  |  |
| Reverse Osmosis | \$15,000 |  | \$10,000 |  |  |  |  |
| Dumpster Enclosure LTC |  |  |  |  |  |  |  |
| Boiler Replacement | \$150,000 |  |  |  |  |  |  |
| Lighting Upgrade - Main Fac | \$120,000 |  |  |  |  |  |  |
| Replace Gasoline Pump |  |  |  | \$15,000 |  |  |  |
| Replace Automated Fuel Tracking | \$200,000 |  |  |  |  |  |  |
| Windows, Glass Block, Soffit Replacement - Maint Fac |  |  |  |  | \$200,000 |  |  |
| Total | \$628,611 | \$20,000 | \$35,000 | \$15,000 | \$200,000 | \$0 | \$0 |
| INTELLIGENT TRANSPORTATION SYSTEM PROJECTS | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Fare boxes/Smartcards | 500,000 |  |  |  |  |  |  |
| Total | \$500,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| SHOP EQUIPMENT | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Tire Machine |  |  |  |  | \$20,000 |  |  |
| Dyno |  |  |  |  | \$50,000 |  |  |
| Bead Blaster |  |  | \$10,000 |  |  |  |  |
| Articulated Boom Lift |  |  |  |  | \$55,000 |  |  |
| Reverse Osmossis Bus Wash | \$15,000 |  |  |  |  |  |  |
| Auto Fueling | \$200,000 |  |  |  |  |  |  |
| Floor Scrubber | \$17,500 |  | \$35,000 |  |  |  |  |
| Total | \$232,500 | \$0 | \$45,000 | \$0 | \$125,000 | \$0 | \$0 |
| FACILITIES \& LAND | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Bus Stop Improvements Facilities | 138,000 |  | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Bus Stop Improvements - Planning |  | 300,000 |  |  |  |  |  |
| OTC Expansion (Greyhound Terminal) | 3,386,000 | 4,341,700 |  |  |  |  |  |
| Pattison Street Preliminary Engineering/Construction | 3,200,000 | 300,000 | 11,250,000 | 11,250,000 |  |  |  |
| Total | \$6,724,000 | \$4,941,700 | \$11,350,000 | \$11,350,000 | \$100,000 | \$100,000 | \$100,000 |




Capital Plan: 2011-2017

Section 9: Operating Revenues 2011-2017

| WSDOT Report - 2011 | General Fund | Working Capital | Total |
| :---: | :---: | :---: | :---: |
| Beginning Balance January 1, 2011 | \$11,761,055 | \$7,392,243 | \$19,153,298 |
| Revenues |  |  |  |
| Sales Tax | 27,828,553 |  | 27,828,553 |
| Motor Vehicle Excise Tax |  |  |  |
| Farebox | 4,321,558 |  | 4,321,558 |
| Sales Tax Equalization |  |  |  |
| Federal Operating Grants | 1,243,975 |  | 1,243,975 |
| State Operating Grants | 696,651 |  |  |
| Other | 92,760 |  | 92,760 |
| Contribution To Accounts | $(260,513)$ | 260,513 | - |
| Total Available | 45,684,039 | 7,652,756 | 53,336,795 |
| Operating Expenses |  |  |  |
| Vanpool/Rideshare P\&M | 1,742,533 |  | 1,742,533 |
| Vanpool/Rideshare System Expansion |  |  | - |
| Fixed Route P\&M | 21,822,379 |  | 21,822,379 |
| Fixed Route System Expansion | 280,642 |  | 280,642 |
| Paratransit ADA P\&M | 6,581,627 |  | 6,581,627 |
| Paratransit ADA System Expansion |  |  | - |
| Rideshare/CTR P\&M | - |  | - |
| Amtrak Station P\&M | 50,900 |  | 50,900 |
| Annual Depreciation | 4,606,193 |  | 4,606,193 |
| Contribution To Accounts |  |  |  |
| Total Expenses | 35,084,274 | - | 35,084,274 |
| Add Back Depreciation | 4,606,193 |  | 4,606,193 |
| Net Cash Available | 15,205,958 |  | 15,205,958 |
| Capital |  |  |  |
| Capital Revenue |  |  |  |
| Federal Capital Grant - Sec 5307 |  |  |  |
| Federal Capital Grant - Sec 5309 | 56,495 |  | 56,495 |
| State Capital Grants | 1,766,481 |  | 1,766,481 |
| Total Capital Revenue | 1,822,976 | - | 1,822,976 |
| Capital Expenses |  |  |  |
| System P\&M |  |  |  |
| Equipment \& Furnishings | 117,447 |  | 117,447 |
| Replace Coaches - |  |  | - |
| Replace Shuttle Vans/Small Coaches |  |  | - |
| Replace DAL Vans - | 1,838,543 |  | 1,838,543 |
| Replace Vanpool Vans - | 1,130,173 |  | 1,130,173 |
| Replace Staff Vehicles | 23,478 |  | 23,478 |
| System Expansion |  |  | - |
| Coach - |  |  | - |
| Shuttle Van - Small Coach |  |  | - |
| DAL Van |  |  | - |
| Vanpool Van |  |  | - |
| Land, Buildings, and Improvements | 1,187,807 |  | 1,187,807 |
| Total Capital Expenses | 4,297,448 |  | 4,297,448 |
| Ending Balance December 31, 2011 | \$12,731,486 | \$7,652,756 | \$20,384,242 |


| WSDOT Report - 2012 | General Fund | Working Capital | Total |
| :---: | :---: | :---: | :---: |
| Beginning Balance January 1, 2012 | \$12,731,486 | \$7,652,756 | \$20,384,242 |
| Revenues |  |  |  |
| Sales Tax | 28,385,174 |  | 28,385,174 |
| Motor Vehicle Excise Tax |  |  | - |
| Farebox | 4,475,489 |  | 4,475,489 |
| Sales Tax Equalization |  |  |  |
| Federal Operating Grants | 2,890,228 |  | 2,890,228 |
| State Operating Grants | 351,700 |  |  |
| Other | 246,010 |  | 246,010 |
| Contribution To Accounts | $(785,449)$ | 785,449 | - |
| Total Available | 48,294,638 | 8,438,205 | 56,732,843 |
| Operating Expenses |  |  |  |
| Vanpool/Rideshare P\&M | 1,803,522 |  | 1,803,522 |
| Vanpool/Rideshare System Expansion | 90,176 |  | 90,176 |
| Fixed Route P\&M | 23,722,044 |  | 23,722,044 |
| Fixed Route System Expansion | 962,056 |  | 962,056 |
| Paratransit ADA P\&M | 6,911,984 |  | 6,911,984 |
| Paratransit ADA System Expansion | 210,612 |  | 210,612 |
| Rideshare/CTR P\&M | - |  | - |
| Amtrak Station P\&M | 52,427 |  | 52,427 |
| Annual Depreciation | 4,744,379 |  | 4,744,379 |
| Contribution To Accounts |  |  |  |
| Total Expenses | 38,497,199 | - | 38,497,199 |
| Add Back Depreciation | 4,744,379 |  | 4,744,379 |
| Net Cash Available | 14,541,818 |  | 14,541,818 |
| Capital |  |  |  |
| Capital Revenue |  |  |  |
| Federal Capital Grant - Sec 5307 |  |  |  |
| Federal Capital Grant - Sec 5309 | 6,787,897 |  | 6,787,897 |
| State Capital Grants | 4,309,103 |  | 4,309,103 |
| Total Capital Revenue | 11,097,000 | - | 11,097,000 |
| Capital Expenses |  |  |  |
| System P\&M |  |  |  |
| Equipment \& Furnishings | 750,000 |  | 750,000 |
| Replace Coaches - | 4,900,000 |  | 4,900,000 |
| Replace Shuttle Vans/Small Coaches |  |  | - |
| Replace DAL Vans - | 1,147,290 |  | 1,147,290 |
| Replace Vanpool Vans - | 1,030,000 |  | 1,030,000 |
| Replace Staff Vehicles | 69,000 |  | 308,000 |
| System Expansion |  |  | - |
| Coach - |  |  | - |
| Shuttle Van - Small Coach |  |  | - |
| DAL Van |  |  | - |
| Vanpool Van | 308,000 |  | 308,000 |
| Land, Buildings, and Improvements | 17,271,490 |  | 17,271,490 |
| Total Capital Expenses | 25,475,780 |  | 25,475,780 |
| Ending Balance December 31, 2012 | \$163,038 | \$8,438,205 | \$8,601,243 |


| WSDOT Report - 2013 | General Fund | Working Capital | Total |
| :---: | :---: | :---: | :---: |
| Beginning Balance January 1, 2013 | \$163,038 | \$8,438,205 | \$8,601,243 |
| Revenues |  |  |  |
| Sales Tax | 29,236,729 |  | 29,236,729 |
| Motor Vehicle Excise Tax |  |  | - |
| Farebox | 4,655,351 |  | 4,655,351 |
| Sales Tax Equalization |  |  |  |
| Federal Operating Grants | 2,970,334 |  | 2,970,334 |
| State Operating Grants | 471,700 |  |  |
| Other | 369,803 |  | 369,803 |
| Contribution To Accounts | $(20,690)$ | 20,690 | - |
| Total Available | 37,846,266 | 8,458,895 | 46,305,161 |
| Operating Expenses |  |  |  |
| Vanpool/Rideshare P\&M | 1,937,309 |  | 1,937,309 |
| Vanpool/Rideshare System Expansion | 92,881 |  | 92,881 |
| Fixed Route P\&M | 25,447,630 |  | 25,447,630 |
| Fixed Route System Expansion |  |  | - |
| Paratransit ADA P\&M | 7,343,109 |  | 7,343,109 |
| Paratransit ADA System Expansion | 216,930 |  | 216,930 |
| Rideshare/CTR P\&M | - |  | - |
| Amtrak Station P\&M | 54,000 |  | 54,000 |
| Annual Depreciation | 4,886,710 |  | 4,886,710 |
| Contribution To Accounts |  |  | - |
| Total Expenses | 39,978,570 | - | 39,978,570 |
| Add Back Depreciation | 4,886,710 |  | 4,886,710 |
| Net Cash Available | 2,754,406 |  | 2,754,406 |
| Capital |  |  |  |
| Capital Revenue |  |  |  |
| Federal Capital Grant - Sec 5307 |  |  |  |
| Federal Capital Grant - Sec 5309 | 10,277,490 |  | 10,277,490 |
| State Capital Grants | 623,804 |  | 623,804 |
| Total Capital Revenue | 10,901,294 | - | 10,901,294 |
| Capital Expenses |  |  |  |
| System P\&M |  |  |  |
| Equipment \& Furnishings | 744,000 |  | 744,000 |
| Replace Coaches - |  |  | - |
| Replace Shuttle Vans/Small Coaches |  |  | - |
| Replace DAL Vans - |  |  | - |
| Replace Vanpool Vans - | 1,275,120 |  | 1,275,120 |
| Replace Staff Vehicles | 67,800 |  | 67,800 |
| System Expansion |  |  | - |
| Coach - |  |  | - |
| Shuttle Van - Small Coach |  |  | - |
| DAL Van |  |  | - |
| Vanpool Van | 318,780 |  | 318,780 |
| Land, Buildings, and Improvements | 11,250,000 |  | 11,250,000 |
| Total Capital Expenses | 13,655,700 |  | 13,655,700 |
| Ending Balance December 31, 2013 | \$0 | \$8,458,895 | \$8,458,895 |

General
Fund
Beginning Balance January 1, 2014
Revenues
Sales Tax
Motor Vehicle Excise Tax
Farebox
Sales Tax Equalization
Federal Operating Grants
State Operating Grants
Other
Contribution To Accounts

Total Available
Operating Expenses
Vanpool/Rideshare P\&M
Vanpool/Rideshare System Expansion
Fixed Route P\&M
Fixed Route System Expansion
Paratransit ADA P\&M
Paratransit ADA System Expansion
Rideshare/CTR P\&M
Amtrak Station P\&M
Annual Depreciation
Contribution To Accounts
Total Expenses
Add Back Depreciation
Net Cash Available
Capital
Capital Revenue
Federal Capital Grant - Sec 5307
Federal Capital Grant - Sec 5309
Federal Capital Grant - Sec 5309
State Capital Grants
Total Capital Revenue

## Capital Expenses

System P\&M
Equipment \& Furnishings
Replace Coaches -

5,248,36
Replace Shuttle Vans/Small Coaches
Replace DAL Vans -
Replace Vanpool Vans -
Replace Staff Vehicles
System Expansion
Coach -
Shuttle Van - Small Coach
DAL Van
Vanpool Van
Land, Buildings, and Improvements
Total Capital Expenses
(\$0) \$5,212,081
\$5,212,081

| General <br> Fund | Working <br> Capital | Total |
| ---: | ---: | ---: |
| $\mathbf{( \$ 0 )}$ | $\mathbf{\$ 5 , 2 1 2 , 0 8 1}$ | $\mathbf{\$ 5 , 2 1 2 , 0 8 1}$ |
| $\mathbf{3 1 , 0 1 7 , 2 4 6}$ |  | $31,017,246$ |
| 5,037,760 |  | - |
|  |  | $5,037,760$ |
| $3,107,830$ |  | $3,107,830$ |
| 691,700 |  | 197,424 |
| 197,424 |  | - |
| $1,983,032$ | $(1,983,032)$ | $4,264,041$ |
|  |  |  |
| $\mathbf{4 2 , 0 3 4 , 9 9 1}$ | $3,229,049$ | $4,210,569$ |
|  |  | 98,538 |
| $2,210,569$ |  | $27,600,545$ |
| 98,538 |  | - |
| $27,600,545$ |  | $8,437,562$ |
|  |  | 230,141 |
| $8,437,562$ |  | - |
| 230,141 |  | 57,288 |
| - |  | $5,184,311$ |

## Total Expenses Add Back Depreci Net Cash Available Capital Capital Revenue

Federal Capital Grant - Sec 5307
Federal Capital Grant - Sec 5309
State Capital Grants
Total Capital Revenue
Capital Expenses
System P\&M
Equipment \& Furnishings
Replace Coaches -
Replace Shuttle Vans/Small Coaches
Replace DAL Vans -
Replace Vanpool Vans -
Replace Staff Vehicles
System Expansion
Coach -
Shuttle Van - Small Coach
DAL Van
Vanpool Van
Land, Buildings, and Improvements
Total Capital Expenses

Ending Balance December 31, 2015
General
Fund
Beginning Balance January 1, 2016
Revenues
Sales Tax
Motor Vehicle Excise Tax
Farebox
Sales Tax Equalization
Federal Operating Grants
State Operating Grants
Other
Contribution To Accounts
Total Available

Operating Expenses
Vanpool/Rideshare P\&M
Vanpool/Rideshare System Expansion
Fixed Route P\&M
Fixed Route System Expansion
Paratransit ADA P\&M
Paratransit ADA System Expansion
Rideshare/CTR P\&M
Amtrak Station P\&M
Annual Depreciation
Contribution To Accounts

| Total Expenses | $\mathbf{4 5 , 8 2 2 , 1 4 5}$ | - |
| :--- | :---: | :---: |
| Add Back Depreciation | $5,339,840$ | $5,339,840$ |
| Net Cash Available | $1,002,085$ | $\mathbf{1 , 0 0 2 , 0 8 5}$ |

## Capital <br> Capital Revenue

Federal Capital Grant - Sec 5307
Federal Capital Grant - Sec 5309
State Capital Grants
372,913
2,287,939
$\begin{array}{rr}2,287,939 & 2,287,939\end{array}$
28,889,437 28,889,437

| $8,835,311$ | $8,835,311$ |
| ---: | ---: |
| 237,046 | 237,046 |
| - | - |
| 59,007 | 59,007 |
| $5,339,840$ | $5,339,840$ |

Total Capital Revenue
Capital Expenses
System P\&M
Equipment \& Furnishings
560,000
Replace Coaches -
Replace Shuttle Vans/Small Coaches
Replace DAL Vans -
263,308
Replace Vanpool Vans -
160,653
Replace Staff Vehicles
37,600
System Expansion
Coach -
Shuttle Van - Small Coach
DAL Van
Vanpool Van
Land, Buildings, and Improvements
Total Capital Expenses
353,437
1,374,998
353,437
1,374,998

Beginning Balance January 1, 2016

## Revenues

Sales Tax
Motor Vehicle Excise Tax
Farebox
Sales Tax Equalization
Federal Operating Grants
State Operating Grants
Other
Contribution To Accounts
Total Available
Operating Expenses
Vanpool/Rideshare P\&M
Vanpool/Rideshare System Expansion
Fixed Route P\&M
Fixed Route System Expansion
Paratransit ADA P\&M
Paratransit ADA System Expansion
Rideshare/CTR P\&M
Amtrak Station P\&M
Annual Depreciation
Contribution To Accounts
Total Expenses
Add Back Deprecia
Net Cash Available
Capital
Capital Revenue
Federal Capital Grant - Sec 5307
Federal Capital Grant - Sec 5309
State Capital Grants
Total Capital Revenue

## Capital Expenses

System P\&M
Equipment \& Furnishings
Replace Coaches -
Replace Shuttle Vans/Small Coaches
Replace DAL Vans -
Replace Vanpool Vans -
Replace Staff Vehicles
System Expansion
Coach -
Shuttle Van - Small Coach
DAL Van
Vanpool Van
Land, Buildings, and Improvements
Total Capital Expenses

Ending Balance December 31, 2016

## Appendix

| Appendix A: | Organizational Chart |
| :--- | :--- |
| Appendix B: | System Map and Service Boundary Map |
| Appendix C: | Public Management System (WSDOT forms) |
| Appendix D: | Operating Data |




## Intercity Transit Mission:

To provide and promote transportation choices that support an accessible, sustainable, livable, healthy and prosperous community.

Vision: To be a leading transit system in the country, recognized for our well-trained, highly motivated, customer-focused, community-minded employees committed to enhancing the quality of life for all citizens of Thurston County.

## Bus Service in 2011

Fixed route bus service were available weekdays on 23 routes with 17 routes operating Saturdays 14 routes on Sundays, including Dial-A-Lift (paratransit) service. Bus fleet is ADA accessible and all fixed route vehicles have bike racks:

- Twenty local routes serving the greater Olympia/Lacey/Tumwater/Yelm area. Connections to Pierce, Grays Harbor and Mason Transit systems, and regional connections to Amtrak and Greyhound service are also available.
- Three inter-county routes providing Express service between Thurston County and Lakewood and Tacoma in Pierce County with connections to Sound Transit bus and rail service.

Intercity Transit Service Boundary
Approved April 2002, Implemented September 2002,
Updated with City Annexations: 2005-2011


Appendix C
Public Management System

|  |  | $\bigcirc$ | 응 | $\bigcirc$ | 앙 | 응 | 앙 | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | 을 | $\stackrel{\square}{\circ}$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ |  |  | $\bigcirc$ | $\bigcirc$ | ㅇ |  | 앋 | 앙 | $\bigcirc$ | 앙 |  |  | 앙 |  | $\bigcirc$ | $\bigcirc$ | $\stackrel{+}{\circ}$ |
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|  | $\left\|\begin{array}{c} \infty \\ \stackrel{y}{>} \end{array}\right\|$ | $\stackrel{\sim}{\sim}$ | $\stackrel{\sim}{\sim}$ | $\stackrel{\sim}{2}$ | $\sim_{0}^{\sim}$ | $\stackrel{\sim}{\square}$ | $\stackrel{\sim}{0}$ | $\stackrel{\sim}{\sim}$ | $\stackrel{\sim}{\sim}$ | $\stackrel{\sim}{0}$ | $\stackrel{\sim}{\infty}$ | $\stackrel{\sim}{2}$ | $\stackrel{\sim}{0}$ | $\stackrel{\sim}{2}$ | $\stackrel{\sim}{0}$ | $\stackrel{\sim}{8}$ | $\stackrel{\sim}{\sim}$ | － |  | $\stackrel{\sim}{\sim}$ | $\stackrel{\sim}{2}$ | $\pm$ |  | (1) | $\stackrel{\sim}{2}$ | $\stackrel{\square}{2}$ | $\stackrel{\sim}{2}$ |  |  | $\stackrel{\sim}{\sim}$ |  | $\stackrel{\square}{2}$ | $\stackrel{\sim}{\sim}$ | $\stackrel{\sim}{2}$ |
|  | $\left.\begin{array}{\|c\|} \hline 0 \\ 0 \\ \\ \hat{\leftrightarrow} \end{array} \right\rvert\,$ | $\begin{array}{\|c\|} \hline 0 \\ \infty \\ \\ \\ \hline \end{array}$ |  |  |  |  | $\begin{gathered} -0 \\ 0 \\ \\ \\ \hline \end{gathered}$ | $\begin{array}{\|c\|} \hline 0 \\ \infty \\ \\ \\ \hline \end{array}$ |  | $\begin{array}{\|c\|} \hline 0 \\ 0 \\ N \\ \\ \hline \end{array}$ | $\left.\begin{array}{\|c\|} \hline 0 \\ \infty \\ \\ \end{array} \right\rvert\,$ | $\left.\begin{array}{\|c\|} \hline 0 \\ 0 \\ \\ \end{array} \right\rvert\,$ | $\begin{array}{\|c\|} \hline 0 \\ 0 \\ \\ \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline 0 \\ \infty \\ \\ \\ \hline \end{array}$ |  |  | No | － |  |  | $\left\lvert\, \begin{gathered} \substack{0 \\ N \\ \underset{\sim}{0} \\ \underset{\sim}{*} \\ \hline} \end{gathered}\right.$ | $\left\lvert\,\right.$ |  |  | $\left\|\begin{array}{c} y \\ \underset{y}{i} \\ \vdots \\ \underset{\theta}{2} \end{array}\right\|$ | 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> -8 | -1 <br> 6 <br> 0 <br> 0 <br> - |  |  | -1 |  | $\begin{array}{\|c\|} \hline 0 \\ \infty \\ 0 \\ 0 \\ 0 \\ \hline 力 \end{array}$ |  | （10 |
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|  | 7 | 7 | $\cdots$ | 7 | 7 | 7 | 7 | 7 |  |  | 7 | 7 | 7 |  |  |  | ， | － |  | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |  |  | 7 | 7 | 7 | 7 | 7 |
| $\overline{0}$ $\sum_{0}^{0}$ $\sum_{0}^{0}$ $\stackrel{N}{0}$ $\stackrel{\rightharpoonup}{0}$ $\stackrel{\rightharpoonup}{0}$ |  |  |  |  |  | 2004／Eldorado／Aerotech |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2011 Eldorado／Aerotech |  | 2011 Eldorado／Aerotech |  |  |  | 2011 Eldorado／Aerotech |  |  |  |  |  |  |  |
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|  | $\begin{aligned} & \hline \stackrel{\leftrightarrow}{\sim} \\ & \underset{\sim}{n} \\ & \underset{\Theta}{N} \end{aligned}$ | $\begin{array}{\|c\|} \hline \stackrel{\sim}{\underset{\sim}{2}} \\ \underset{\sim}{N} \\ \underset{\theta}{2} \end{array}$ | $\begin{aligned} & \hline \Omega \\ & \underset{\sim}{n} \\ & \underset{\oplus}{\sim} \\ & \hline \end{aligned}$ | $\begin{array}{\|l\|} \hline \stackrel{\sim}{\mathrm{O}} \\ \underset{\sim}{2} \\ \underset{\Theta}{\mathrm{~N}} \end{array}$ | $\begin{array}{\|l\|} \hline \stackrel{N}{\sim} \\ \underset{\sim}{n} \\ \underset{\theta}{*} \end{array}$ |  | $\begin{array}{\|l\|} \hline \stackrel{\sim}{\sim} \\ \underset{\sim}{n} \\ \underset{\sim}{2} \end{array}$ |  | $\begin{aligned} & \stackrel{\rightharpoonup}{\mathrm{O}} \\ & \underset{\sim}{n} \\ & \underset{\Theta}{\mid} \end{aligned}$ | $\begin{array}{\|l\|} \hline \stackrel{\leftrightarrow}{2} \\ \underset{\sim}{n} \\ \underset{\Theta}{N} \end{array}$ | $\begin{array}{\|c\|} \hline 0 \\ \underset{\sim}{n} \\ \underset{\sim}{2} \\ \underset{\theta}{2} \end{array}$ | $\left\lvert\, \begin{aligned} & \hline 0 \\ & \underset{\sim}{2} \\ & \underset{\sim}{n} \\ & \underset{\theta}{2} \end{aligned}\right.$ | $\begin{array}{\|l\|} \hline \stackrel{\leftrightarrow}{O} \\ \underset{\sim}{n} \\ \underset{\Theta}{N} \end{array}$ |  | $\begin{array}{\|c\|} \hline \stackrel{\circ}{\sim} \\ \underset{\sim}{2} \\ \underset{\Theta}{\underset{~}{2}} \end{array}$ | $\left.\begin{array}{\|c\|} \hline 8 \\ 6 \\ \infty \\ 0 \\ \hline \boldsymbol{\theta} \end{array} \right\rvert\,$ | $\left.\begin{array}{\|l\|} \hline 8 \\ 0 \\ 0 \\ 0 \\ 9 \\ 6 \end{array} \right\rvert\,$ | $\left.\begin{array}{\|l\|} \hline 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \end{array} \right\rvert\,$ | $\left\|\begin{array}{l} \hline \stackrel{\leftrightarrow}{\Omega} \\ \underset{\sim}{n} \\ \underset{\oplus}{n} \end{array}\right\|$ | $\begin{array}{\|l\|} \hline \stackrel{\leftrightarrow}{\underset{\sim}{n}} \\ \underset{\sim}{n} \\ \underset{~}{2} \end{array}$ |  | $\begin{gathered} \hline 0 \\ \underset{\sim}{\sim} \\ \underset{\sim}{2} \\ \underset{\theta}{2} \end{gathered}$ | $\begin{aligned} & \hline \stackrel{\leftrightarrow}{\sim} \\ & \underset{\sim}{n} \\ & \underset{\theta}{c} \end{aligned}$ | $\begin{array}{\|c\|} \hline 0 \\ \underset{\sim}{2} \\ \underset{\sim}{0} \\ \underset{\theta}{2} \end{array}$ | $\left\lvert\, \begin{aligned} & \stackrel{\sim}{0} \\ & \underset{\sim}{2} \\ & \underset{\theta}{N} \\ & \hline \end{aligned}\right.$ | $\begin{array}{\|c\|} \hline \stackrel{\sim}{\underset{\sim}{2}} \\ \underset{\sim}{N} \\ \underset{\sim}{2} \end{array}$ |  | $\begin{aligned} & \stackrel{\circ}{\mathrm{O}} \\ & \underset{\sim}{2} \\ & \underset{\Theta}{\mid} \end{aligned}$ |  |  | $\begin{aligned} & \stackrel{\circ}{0} \\ & \underset{\sim}{n} \\ & \underset{\leftrightarrow}{2} \end{aligned}$ | $\left.\begin{array}{\|c\|} \hline \stackrel{N}{\sim} \\ \underset{\sim}{n} \\ \underset{\sim}{N} \end{array} \right\rvert\,$ | $\begin{array}{\|c\|} \hline \stackrel{N}{\sim} \\ \underset{\sim}{2} \\ \underset{\Theta}{*} \end{array}$ | $\begin{aligned} & \stackrel{\circ}{\mathrm{O}} \\ & \underset{\sim}{2} \\ & \underset{\leftrightarrow}{2} \end{aligned}$ |  | $\begin{array}{\|c\|} \hline \Omega \\ \underset{\sim}{2} \\ \underset{\sim}{N} \\ \underset{\Theta}{2} \end{array}$ | $\begin{aligned} & \stackrel{\circ}{0} \\ & \underset{\sim}{n} \\ & \stackrel{y}{\theta} \end{aligned}$ | $\left.\begin{array}{\|c\|} \hline \stackrel{N}{\sim} \\ \underset{\sim}{n} \\ \underset{\sim}{N} \end{array} \right\rvert\,$ | $\begin{array}{\|c\|} \hline \stackrel{N}{\underset{\sim}{2}} \\ \underset{\sim}{N} \\ \underset{\Theta}{2} \end{array}$ |  |  | $\begin{aligned} & \hline \Omega \\ & \underset{\sim}{2} \\ & \underset{\Theta}{N} \\ & \underset{\Theta}{2} \end{aligned}$ |  |  |
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|  | $\bullet$ | $\bigcirc$ | $\bigcirc$ | $\bullet$ | $\bullet$ | $\bigcirc$ | $\bullet$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | ค | 10 | N | $\|9\|$ | の | の | の | O | の | の | の | の | $\infty$ | $\infty$ | $\infty$ | $\infty$ | N | N | N | N | N | N | N | N | 入 | N | $\wedge$ | $\wedge$ | $\bullet$ |
|  | 안 | 안 | 안 | 안 | 안 | 아 | 안 | 안 | 안 | 악 | ㅇ | 안 | 악 | 안 | 앙 | 앙 | 안 | ¢ | $\bigcirc$ | $\stackrel{-1}{-}$ | $\stackrel{-1}{-}$ | $\bigcirc$ | $\stackrel{-}{-}$ | $\bigcirc$ | $\stackrel{-1}{-1}$ | $\stackrel{-1}{+}$ | $\bigcirc$ | $\bigcirc$ | $\stackrel{-}{-}$ | $\bigcirc$ | $\stackrel{-}{-}$ | ¢ | － | ¢ | ¢ | ¢ | ¢ | ¢ | － | ¢ | ¢ | ¢ | ¢ | ㅇ |
|  | $\begin{array}{\|c\|} \hline 0 \\ \substack{0 \\ 0 \\ 0 \\ \hline-1} \end{array}$ | $\left\|\begin{array}{l} 0 \\ \infty \\ \infty \\ \stackrel{n}{\sim} \end{array}\right\|$ | $\begin{array}{l\|} \infty \\ \vec{\sigma} \\ \underset{\sim}{n} \end{array}$ | $\begin{gathered} 0 \\ \stackrel{0}{\mathrm{j}} \\ \mathrm{~N} \end{gathered}$ | $\left\|\begin{array}{c} 7 \\ y_{1} \\ \infty \\ \stackrel{0}{2} \end{array}\right\|$ | $\left\|\begin{array}{l} n \\ \underset{\sim}{2} \\ \underset{\sim}{1} \end{array}\right\|$ | $\left\|\begin{array}{l} J \\ \underset{\sim}{2} \\ 0 \\ G_{1} \end{array}\right\|$ | $\left\|\begin{array}{c} \tilde{\sim} \\ \underset{\sim}{\tilde{j}} \end{array}\right\|$ |  | $\left\|\begin{array}{l} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ -1 \end{array}\right\|$ | $\left\|\begin{array}{l} 9 \\ \stackrel{0}{1} \\ 0 \\ 0 \end{array}\right\|$ | $\left\|\begin{array}{l} 9 \\ 0 \\ 0 \\ \sigma \end{array}\right\|$ | $\left\|\begin{array}{l} 0 \\ 0 \\ 0 \\ 0 \\ 0 \end{array}\right\|$ | $\left\|\begin{array}{c} n \\ \uparrow \\ \underset{\sim}{0} \\ \underset{寸}{2} \end{array}\right\|$ | $\left\|\begin{array}{l} 7 \\ 6 \\ \vdots \\ \underset{-1}{1} \end{array}\right\|$ | $\left\|\begin{array}{c} \infty \\ \infty \\ \infty \\ \infty \\ \sim \end{array}\right\|$ | $\left\|\begin{array}{c} 0 \\ 0 \\ 0 \\ i \end{array}\right\|$ | $\left\|\begin{array}{c} 0 \\ 0 \\ 0 \\ j \\ j \end{array}\right\|$ | $\begin{aligned} & \underset{-1}{-1} \\ & 0 \\ & 0 \\ & 0_{1} \end{aligned}$ | $\left\|\begin{array}{c} 0 \\ 0 \\ n \\ \infty \\ \infty \end{array}\right\|$ | $\left\|\begin{array}{l} J_{0} \\ N \\ \underset{N}{2} \end{array}\right\|$ | $\left\|\begin{array}{l} \infty \\ \underset{1}{1} \\ \underset{\sim}{\infty} \\ 0_{1} \end{array}\right\|$ | $\left\|\begin{array}{l} n \\ 4 \\ 0 \\ 8 \\ 0 \end{array}\right\|$ | $\left\|\begin{array}{c} \infty \\ \infty \\ \dot{\infty} \\ \tilde{0} \\ 0 \\ -1 \end{array}\right\|$ | $\left\|\begin{array}{l} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ \end{array}\right\|$ | $\left\|\begin{array}{l} \hat{0} \\ 0 \\ -i \\ - \\ -1 \end{array}\right\|$ | $\begin{array}{\|c\|} \hline 0 \\ 0 \\ 0 \\ \underset{\sim}{\sim} \\ \underset{\sim}{2} \end{array}$ |  | $\begin{array}{\|c\|} \hline \infty \\ \underset{N}{0} \\ \tilde{\sim} \\ \underset{\sim}{\mid} \end{array}$ | $\left\|\begin{array}{c} \infty \\ \underset{1}{1} \\ \infty \\ \infty \end{array}\right\|$ | $\begin{gathered} \circ \\ \stackrel{n}{N} \\ \underset{\infty}{-} \end{gathered}$ | $\left\|\begin{array}{c} n \\ \\ 0 \\ 0 \\ -1 \end{array}\right\|$ | $\left.\begin{aligned} & 0 \\ & 0 \\ & 10 \\ & 0^{0} \end{aligned} \right\rvert\,$ | $\left.\begin{aligned} & \mathrm{O} \\ & \\ & \infty \\ & \infty \end{aligned} \right\rvert\,$ | $\begin{aligned} & \hat{j} \\ & \tilde{j} \\ & \hat{j} \\ & \hat{i} \end{aligned}$ |  | $\begin{gathered} -1 \\ \underset{i}{2} \\ \underset{i}{2} \end{gathered}$ | $\left\|\begin{array}{l} -1 \\ 0 \\ 0 \\ 0 \\ 0 \end{array}\right\|$ | $\left\|\begin{array}{c} 0 \\ 0 \\ 0 \\ \text { ji } \end{array}\right\|$ | $\begin{gathered} N \\ \underset{N}{N} \\ \underset{N}{2} \end{gathered}$ | $\begin{aligned} & 0 \\ & \stackrel{0}{6} \\ & 0 \\ & \infty \end{aligned}$ | $\left\lvert\, \begin{gathered} N \\ 1 \\ \underset{5}{6} \end{gathered}\right.$ | $\infty$ $\infty$ 0 $\infty$ $\infty$ | N N S |
|  | $\left.\begin{array}{\|l\|} \hline 0 \\ \mathrm{O} \\ \mathrm{C} \end{array} \right\rvert\,$ | $\begin{array}{\|l\|} \hline \hat{0} \\ \hat{n} \end{array}$ | $\begin{aligned} & \infty \\ & 0 \\ & 0 \\ & \sim \end{aligned}$ | $\begin{aligned} & \hline 0 \\ & \text { O } \\ & \mathrm{C} \end{aligned}$ | $\left.\begin{array}{\|c\|} \hline 0 \\ 9 \\ 9 \end{array} \right\rvert\,$ | $\begin{aligned} & 7 \\ & \stackrel{7}{7} \end{aligned}$ | $\begin{array}{\|l\|} \hline \underset{\sim}{n} \\ \underset{\sim}{2} \end{array}$ | $\begin{array}{\|c\|} \hline 9 \\ \stackrel{\rightharpoonup}{n} \\ \hline \end{array}$ | $\begin{aligned} & \stackrel{\rightharpoonup}{\stackrel{\rightharpoonup}{n}} \end{aligned}$ | $\begin{array}{\|l\|l\|} \hline 0 \\ 60 \\ 97 \end{array}$ | $\left.\begin{array}{\|c\|} \hline \\ \stackrel{1}{n} \\ \underset{\sim}{2} \end{array} \right\rvert\,$ | $\begin{array}{\|c\|} \hline \\ \hline 1 \\ \underset{\sim}{7} \end{array}$ | $\begin{aligned} & \infty \\ & \underset{\sim}{0} \\ & \underset{\sim}{7} \end{aligned}$ | $\left.\begin{array}{\|l\|} \hline \stackrel{\rightharpoonup}{\mathrm{N}} \\ \mathrm{~N} \end{array} \right\rvert\,$ | $\left\|\begin{array}{c} \underset{N}{N} \\ \mathrm{~N} \end{array}\right\|$ | $\left.\begin{array}{\|l\|} \hline 0 \\ 0 \\ n \\ 7 \end{array} \right\rvert\,$ | $\left.\begin{array}{\|c\|} \hline \stackrel{\rightharpoonup}{3} \\ \underset{\sim}{2} \end{array} \right\rvert\,$ | $\left.\begin{array}{\|l\|} \hline 0 \\ i \\ i \\ \sim \end{array} \right\rvert\,$ | $\begin{array}{\|c} N \\ \hat{N} \\ -1 \end{array}$ | $\left.\begin{array}{\|c\|} \hline \infty \\ 0 \\ 0 \\ 1 \end{array} \right\rvert\,$ | $\begin{array}{l\|} \hline 9 \\ 0 \\ -1 \end{array}$ | $\left.\begin{array}{\|l\|} \hline 8 \\ \hline \\ 7 \end{array} \right\rvert\,$ | $\left.\begin{array}{\|c} \vec{O} \\ \underset{\sim}{n} \end{array} \right\rvert\,$ | $$ | $\begin{array}{\|l\|} \hline \left.\begin{array}{c} \mathrm{O} \\ \underset{\sim}{2} \end{array} \right\rvert\, \end{array}$ | $\begin{gathered} \mathrm{N} \\ \mathrm{~N} \\ \mathrm{n} \end{gathered}$ | $\left.\begin{array}{\|c\|} \stackrel{\circ}{\mathrm{N}} \\ \mathrm{~N} \end{array} \right\rvert\,$ | $\begin{aligned} & \stackrel{\rightharpoonup}{n} \\ & \underset{\sim}{2} \end{aligned}$ | $\begin{aligned} & 0 \\ & \underset{\sim}{N} \\ & \underset{\sim}{2} \end{aligned}$ | $$ | $\begin{aligned} & \stackrel{\circ}{N} \\ & \underset{\sim}{n} \end{aligned}$ | $\begin{array}{\|c\|} \hline \stackrel{N}{\mathrm{~N}} \\ \end{array}$ | $\left.\begin{array}{\|c\|} \hline \stackrel{y}{\mathrm{~N}} \\ \mathrm{H} \end{array} \right\rvert\,$ | $\left.\begin{array}{\|c\|c\|} \hline \stackrel{N}{N} \\ -1 \end{array} \right\rvert\,$ | $\begin{array}{\|c\|} \hline 0 \\ \stackrel{M}{\mathrm{~N}} \\ \hline \end{array}$ | $\begin{array}{\|c} \stackrel{n}{n} \\ \underset{\sim}{n} \end{array}$ | $\stackrel{\infty}{0}$ | $\begin{array}{\|l\|} \hline 9 \\ \stackrel{N}{\mathrm{~N}} \end{array}$ | $\begin{array}{\|l\|} \hline 8 \\ 0 \\ 7 \\ 7 \end{array}$ | $\begin{array}{\|c} \stackrel{\rightharpoonup}{\lambda} \\ \underset{\sim}{2} \end{array}$ | $\begin{aligned} & \hline \stackrel{N}{\lambda} \\ & \underset{1}{2} \end{aligned}$ | $\begin{array}{\|c} \stackrel{N}{N} \\ \underset{\sim}{1} \end{array}$ | $$ | $\xrightarrow{\circ}$ |
|  |  |  |  |  | 1GNDM19X95B125559 |  | 1GNDM19X35B125699 |  |  |  |  | 1GNDM19X65B125650 |  |  | 1GNDM19X45B125646 |  |  |  |  |  |  |  | 1GAHG35R121235763 |  | 1GAHG35R221234718 |  |  | 1GNDM19X33B146128 |  |  |  |  |  |  | 1GNEL19X24B128423 |  |  |  |  | 1FBNE31L64HB38591 |  |  |  |  |
| $\begin{aligned} & \frac{0}{0} \\ & \frac{0}{2} \\ & \frac{0}{0} \\ & > \end{aligned}$ | $\stackrel{7}{-1}$ | $\stackrel{9}{7}$ | $\stackrel{9}{-}$ | $\stackrel{-}{7}$ | $\stackrel{-}{7}$ | $\stackrel{-}{7}$ | $\stackrel{7}{7}$ | $\stackrel{9}{-}$ | $\stackrel{\sim}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{-}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{\sim}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{\sim}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{7}{-1}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{7}{7}$ | $\stackrel{9}{-}$ | $\stackrel{9}{-}$ | $\stackrel{7}{-1}$ | $\stackrel{9}{7}$ | $\stackrel{\sim}{7}$ | $\stackrel{\sim}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{-}{7}$ | $\stackrel{\sim}{-}$ | $\stackrel{-}{7}$ | $\stackrel{-}{7}$ | $\stackrel{9}{-}$ | $\stackrel{9}{7}$ | $\stackrel{n}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ |
|  |  |  | 2005／Chevrolet／Astro |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2004／Chevrolet／Astro |  |  | 2004／Chevrolet／Astro | 2004／Chevrolet／Astro | 2004／Chevrolet／Astro | 2004／Chevrolet／Astro | 2004／Chevrolet／Astro |  |  |  |  |  |
|  | $\stackrel{\substack{0 \\ \sim \\ \hline}}{ }$ | $\stackrel{\text { N}}{\substack{\text { ה }}}$ | $\begin{gathered} \infty \\ \underset{\sim}{\sim} \\ \hline \end{gathered}$ | $\begin{array}{\|c} \underset{\sim}{\mathrm{I}} \\ \hline \end{array}$ | $\begin{array}{\|c} \hline 0 \\ \underset{7}{2} \\ \hline \end{array}$ | $\underset{~}{-1}$ | $\stackrel{\underset{\sim}{c}}{\mathbf{N}}$ | $\begin{gathered} \underset{\sim}{7} \\ \underset{\sim}{2} \end{gathered}$ | $\underset{-}{\mathbf{N}}$ | $\begin{array}{\|c} \stackrel{n}{n} \\ \underset{\sim}{2} \end{array}$ | $\left\lvert\, \begin{aligned} & 0 \\ & \underset{\sim}{n} \\ & \hline \end{aligned}\right.$ | $\begin{array}{\|c} \underset{\sim}{n} \\ \underset{\sim}{2} \end{array}$ | $\left\lvert\, \begin{gathered} \infty \\ \underset{\sim}{2} \\ \hline \end{gathered}\right.$ | $\left\lvert\, \begin{gathered} 9 \\ \underset{न}{2} \end{gathered}\right.$ | $\left\|\begin{array}{c} \mathrm{O} \\ - \end{array}\right\|$ | $\begin{array}{\|c} \underset{\sim}{\underset{~}{4}} \mid \end{array}$ | $\left\lvert\, \begin{gathered} \underset{\sim}{\underset{~}{2}} \\ \hline \end{gathered}\right.$ | $\left\lvert\, \begin{gathered} \underset{\sim}{7} \\ \underset{\sim}{2} \end{gathered}\right.$ | $\begin{gathered} \pm \\ \underset{A}{2} \end{gathered}$ | $\begin{array}{\|c} \mathrm{n}_{2} \\ \underset{\sim}{1} \end{array}$ | $\left\|\begin{array}{c} 0 \\ \underset{\sim}{1} \end{array}\right\|$ | $\begin{array}{\|c} \underset{\sim}{G} \\ \hline \end{array}$ | $\begin{gathered} \infty \\ \underset{\sim}{\infty} \\ \hline \end{gathered}$ | $\begin{aligned} & \circ \\ & \underset{\sim}{2} \\ & \hline \end{aligned}$ | $\left\lvert\, \begin{gathered} 0 \\ \stackrel{0}{1} \\ \end{gathered}\right.$ | $\xrightarrow{7}$ | $\begin{gathered} \mathrm{N} \\ \underset{\sim}{2} \end{gathered}$ | $\stackrel{0}{n}$ | $\stackrel{+}{\square}$ | $\begin{array}{\|c\|c\|} \substack{n \\ \\ \hline} \end{array}$ | $\stackrel{\bullet}{\sim}$ | $\stackrel{N}{n}$ | $\stackrel{\infty}{\square}$ |  | $\stackrel{8}{-1}$ | -1 <br> -1 | $\underset{\sim}{\text { N }}$ | $\stackrel{7}{6}$ | $\stackrel{+}{4}$ | $\stackrel{1}{\square}$ | $\stackrel{+}{6}$ | $\stackrel{N}{-1}$ | $\stackrel{\infty}{0}$ | － |


|  | $\stackrel{\varrho}{\wedge}$ | $\stackrel{\sim}{\sim}$ | $\stackrel{\substack{\sim\\}}{ }$ | $\stackrel{\substack{\infty}}{\sim}$ | $\stackrel{0}{0}$ | $\bigcirc$ | 을 | 옹 | 을 | 을 | 읃 | 응 | 을 | 을 | $\stackrel{\infty}{\infty}$ | $\stackrel{\varrho}{\boldsymbol{\lambda}}$ | $\stackrel{\infty}{\infty}$ | $\stackrel{\infty}{\infty}$ | $\stackrel{\infty}{\infty}$ | $\stackrel{\infty}{\infty}$ | $\left\|\begin{array}{l} \infty \\ \underset{\sim}{\infty} \end{array}\right\|$ | $\stackrel{\infty}{\infty}$ | $\stackrel{\infty}{\infty}$ | $\stackrel{\mathscr{N}}{\underset{\lambda}{2}}$ | $\stackrel{0}{\infty}$ | $\stackrel{\infty}{\infty}$ | $\stackrel{\infty}{\infty} \mid$ | $\stackrel{0}{\infty}$ | $\stackrel{\infty}{\infty}$ | $\stackrel{(0}{\wedge}$ | $\stackrel{\sim}{\infty}$ | $\stackrel{\infty}{\infty}$ | $\stackrel{\mathscr{0}}{\boldsymbol{\infty}}$ | $\stackrel{0}{\wedge}$ | $\stackrel{\mathscr{N}}{\stackrel{0}{\lambda}}$ | $\stackrel{\infty}{\infty}$ | $\begin{aligned} & 0 \\ & \stackrel{0}{\lambda} \end{aligned}$ | $\stackrel{\infty}{\infty}$ | $\stackrel{\mathscr{0}}{\boldsymbol{D}}$ | $\stackrel{\Omega}{\infty}$ | $\begin{aligned} & \Omega \\ & \end{aligned}$ | $\stackrel{\infty}{\infty} \mid$ | $\stackrel{\sim}{\sim}$ | $\stackrel{0}{\sim}$ | $\stackrel{\sim}{\sim}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 윽 | $\mid \mathbb{0}$ | ¢ | $\mathbb{\circlearrowleft}$ | $\mid \underset{\circlearrowleft}{\mathbb{U}}$ | $\|\underset{ভ}{\mathbb{U}}\|$ | ৫ | $\|\underset{\circlearrowleft}{\mid}\|$ | $\|\mathbb{\circlearrowleft}\|$ | $\underset{~}{\text { ৫ }}$ | $\|\underset{\circlearrowleft}{\boxed{0}}\|$ | $\|\underset{\circlearrowleft}{\widetilde{\top}}\|$ | ৫ | $\|\underset{\circlearrowleft}{\top}\|$ | $\|\mathbb{\circlearrowleft}\|$ | $\left\lvert\, \begin{gathered} \pi \\ 0 \end{gathered}\right.$ | $\underset{\circlearrowleft}{\varangle}$ | $\underset{\circlearrowleft}{\mathbb{\top}}$ | $\left\|\begin{array}{c} \pi \\ 0 \end{array}\right\|$ | $\|\mathbb{\circlearrowleft}\|$ | $\|\underset{\circlearrowleft}{\top}\|$ | $\left\|\begin{array}{c} \mathbb{U} \end{array}\right\|$ | $\|\underset{\circlearrowleft}{\widetilde{\top}}\|$ | $\|\underset{\circlearrowleft}{\mathbb{U}}\|$ | $\|\underset{\circlearrowleft}{\varangle}\|$ | $\|\underset{\circlearrowleft}{\top}\|$ | $\|\underset{\circlearrowleft}{\top}\|$ | © | $\left\lvert\, \begin{gathered} \pi \\ 0 \end{gathered}\right.$ | $\mid \underset{\circlearrowleft}{\varangle}$ | $\|\underset{\circlearrowleft}{\varangle}\|$ | $\left\|\begin{array}{c} \mathbb{U} \end{array}\right\|$ | $\left\|\begin{array}{c} \mathbb{1} \end{array}\right\|$ | $\underset{\circlearrowleft}{\boxed{U}}$ | $\left\|\begin{array}{\|c} \mathbb{1} \end{array}\right\|$ | $\left\|\begin{array}{c} \mathbb{1} \end{array}\right\|$ | ৫ | $\left\|\begin{array}{c} \mathbb{\top} \end{array}\right\|$ | $\left\|\begin{array}{c} \mathbb{1} \end{array}\right\|$ | $\underset{\circlearrowleft}{\mathbb{\top}}$ | $\underset{\sim}{\varangle}$ | $\underset{\mathbf{N}}{ }$ | $\left\lvert\, \begin{array}{\|c} \mathbb{\top} \\ \hline \end{array}\right.$ | $\mid \underset{\circlearrowleft}{\mid}$ | $\mid \underset{\circlearrowleft}{\mid c}$ | ¢ |
|  | $\underset{\sim}{\sim}$ | $\stackrel{\sim}{7}$ | $\underset{\sim}{\sim}$ | $\stackrel{\sim}{7}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{7}$ | $\underset{\sim}{7}$ | $\underset{\sim}{7}$ | $\underset{\sim}{7}$ | $\underset{\sim}{\text { N }}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{7}$ | $\underset{\sim}{7}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{7}$ | $\underset{\sim}{\text { N }}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{-}$ | $\underset{\sim}{7}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{7}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{7}$ | $\stackrel{\text { N }}{ }$ | $\underset{\sim}{7}$ | $\underset{\sim}{1}$ | $\stackrel{\sim}{7}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{\sim}$ | $\stackrel{\sim}{7}$ | $\underset{\sim}{7}$ | $\underset{\sim}{\sim}$ | $\stackrel{\sim}{7}$ | $\underset{\sim}{\sim}$ | $\stackrel{\sim}{7}$ | $\stackrel{\sim}{7}$ | $\underset{\sim}{7}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{\text { N }}$ | $\underset{\sim}{7}$ | $\stackrel{\sim}{7}$ | $\underset{\sim}{7}$ | $\underset{\sim}{7}$ |
|  | $\bigcirc$ | 을 | 을 | 을 | 을 | $\bigcirc$ | 을 | 을 | 을 | 응 | $\bigcirc$ | 을 | 을 | $\stackrel{\sim}{\sim}$ | 을 | 응 | 응 | 응 | 응 | 응 | 응 | 응 | 응 | 을 | $\bigcirc$ | 을 | $\bigcirc$ | 응 | 을 | 을 | 을 | $\bigcirc$ | 을 | 을 | 을 | $\bigcirc$ | $\bigcirc$ | 을 | 을 | 응 | 을 | 응 | 을 | 응 | 을 |
|  | $\begin{aligned} & \hline \stackrel{\leftrightarrow}{O} \\ & \underset{\sim}{n} \\ & \underset{\Theta}{N} \end{aligned}$ | $\begin{array}{\|l\|} \hline \stackrel{\sim}{\sim} \\ \underset{\sim}{n} \\ \underset{\theta}{*} \end{array}$ | $\begin{aligned} & \stackrel{\circ}{\sim} \\ & \underset{\sim}{2} \\ & \underset{\leftrightarrow}{2} \end{aligned}$ | $\begin{array}{\|l\|} \hline \stackrel{0}{2} \\ \underset{\sim}{n} \\ \underset{\theta}{*} \end{array}$ | $\begin{array}{\|l\|} \hline \stackrel{\sim}{\sim} \\ \underset{\sim}{n} \\ \underset{\Theta}{N} \end{array}$ | $\begin{aligned} & 0 \\ & \underset{\sim}{n} \\ & \underset{\sim}{n} \\ & \underset{\sim}{2} \end{aligned}$ | $\left\lvert\, \begin{aligned} & \hline 0 \\ & \underset{\sim}{2} \\ & \underset{\sim}{n} \\ & \underset{\theta}{2} \end{aligned}\right.$ |  | $\left\|\begin{array}{c} \stackrel{\sim}{\underset{\sim}{7}} \\ \underset{\sim}{n} \\ \underset{\oplus}{2} \end{array}\right\|$ |  | $\begin{array}{\|c\|} \hline \stackrel{\sim}{\sim} \\ \underset{\sim}{2} \\ \underset{\Theta}{2} \end{array}$ | $\begin{array}{l\|} \hline \stackrel{\leftrightarrow}{\sim} \\ \underset{\sim}{n} \\ \underset{\Theta}{N} \\ \hline \end{array}$ | $\begin{aligned} & \mid \stackrel{\sim}{\sim} \\ & \underset{\sim}{n} \\ & \underset{\otimes}{2} \end{aligned}$ |  | $\begin{aligned} & \stackrel{\sim}{\sim} \\ & \underset{\sim}{2} \\ & \underset{\Theta}{4} \\ & \hline \end{aligned}$ |  |  |  |  | $\left\lvert\, \begin{aligned} & \stackrel{n}{\underset{\sim}{2}} \\ & \underset{\sim}{n} \\ & \underset{\theta}{2} \end{aligned}\right.$ |  | $\begin{array}{\|c\|} \hline \stackrel{\sim}{\sim} \\ \underset{\sim}{2} \\ \underset{\Theta}{2} \end{array}$ | $\begin{array}{\|c\|} \hline 0 \\ \underset{\sim}{n} \\ \underset{\sim}{2} \\ \underset{\theta}{2} \end{array}$ |  | $\begin{array}{\|c\|} \hline \stackrel{\sim}{\underset{ }{2}} \\ \underset{\sim}{2} \\ \underset{\theta}{2} \end{array}$ | $\left\lvert\, \begin{aligned} & \hline \stackrel{n}{\underset{7}{2}} \\ & \underset{\sim}{n} \\ & \underset{\theta}{2} \end{aligned}\right.$ |  | $\begin{array}{\|c\|} \hline \stackrel{N}{\underset{\sim}{2}} \\ \underset{\sim}{N} \\ \underset{\Theta}{2} \end{array}$ |  | $\begin{array}{\|l\|} \hline \stackrel{\sim}{\sim} \\ \underset{\sim}{n} \\ \underset{\theta}{2} \end{array}$ | $\left\|\begin{array}{l} \stackrel{\sim}{n} \\ \underset{\sim}{n} \\ \underset{\Theta}{N} \end{array}\right\|$ | $\left\lvert\, \begin{aligned} & \stackrel{\sim}{\sim} \\ & \underset{\sim}{n} \\ & \underset{\theta}{2} \end{aligned}\right.$ |  | 2 <br> $\underset{\sim}{2}$ <br> $\underset{N}{2}$ <br>  | $\begin{array}{\|c\|} \hline \stackrel{\sim}{n} \\ \underset{\sim}{n} \\ \underset{\Theta}{N} \end{array}$ |  | $\begin{array}{\|l\|} \hline \stackrel{\sim}{\sim} \\ \underset{\sim}{n} \\ \underset{\infty}{2} \end{array}$ | $\begin{array}{\|c\|} \hline \stackrel{N}{\sim} \\ \underset{\sim}{n} \\ \underset{\theta}{2} \end{array}$ |  | $\begin{array}{\|c\|} \hline \stackrel{N}{\underset{\sim}{2}} \\ \underset{\sim}{N} \\ \underset{\sim}{2} \end{array}$ | $\begin{array}{\|c\|} \hline 0 \\ \underset{\sim}{2} \\ \underset{\sim}{N} \\ \underset{\theta}{2} \end{array}$ |  | $\begin{array}{\|c\|} \hline \stackrel{N}{\sim} \\ \underset{\sim}{n} \\ \underset{\Theta}{2} \end{array}$ | $\begin{array}{\|c\|} \hline \stackrel{\sim}{\underset{ }{2}} \\ \underset{\sim}{n} \\ \underset{\theta}{2} \end{array}$ | 1 <br> $\stackrel{1}{2}$ <br> $\sim$ <br> $\sim$ <br> $\sim$ |
|  | － | $\bigcirc$ | － | O | $\bigcirc$ | 0 | $\bigcirc$ | $\bigcirc$ | － | O | － | － | 0 | － | $\checkmark$ | $\rightarrow$ | $\rightarrow$ | $\checkmark$ | $\checkmark$ | $\cdots$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\rightarrow$ | $\rightarrow$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\cdots$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\cdots$ | $\checkmark$ |
|  | $\bigcirc$ | $\bigcirc$ | $\bullet$ | $\bigcirc$ | $\bigcirc$ | $\bullet$ | $\bigcirc$ | $\bullet$ | $\bigcirc$ | $\bullet$ | $\bullet$ | $\bigcirc$ | $\bullet$ | $\bigcirc$ | $\llcorner$ | $\llcorner$ | $\llcorner$ | $\llcorner$ | $\llcorner$ | ค | 1 | $\llcorner$ | 10 | 10 | $\llcorner$ | $\llcorner$ | $\bigcirc$ | 10 | ค | ம | $\bigcirc$ | ค | $\llcorner$ | － | － | $\llcorner$ | ค | ค | เ | － | ค | $\llcorner$ | ค | － | $\llcorner$ |
|  | 안 | 앙 | 안 | ¢ | 앙 | ¢ | 안 | 아 | 안 | 안 | 안 | 안 | 아 | 안 | $\bigcirc$ | $\stackrel{1}{\circ}$ | 안 | 응 | 은 | 안 | $\bigcirc$ | 인 | 안 | $\bigcirc$ | 은 | 은 | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\stackrel{\circ}{1}$ | 앙 | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | 은 | 안 | $\bigcirc$ | $\bigcirc$ | 은 | $\bigcirc$ | 은 | 은 |
|  | $\begin{gathered} \stackrel{\Omega}{\sim} \\ -i \end{gathered}$ | $\left\|\begin{array}{l} \infty \\ \stackrel{\infty}{0} \\ \vdots \\ \infty \end{array}\right\|$ | $\left\|\begin{array}{l} \infty \\ \overrightarrow{1} \\ 0 \\ 0 \\ 0 \end{array}\right\|$ | $\left\|\begin{array}{l} N \\ \infty \\ 0 \\ 0 \\ \underset{\sim}{1} \end{array}\right\|$ | $\left\|\begin{array}{l} n \\ \underset{\sim}{n} \\ \underset{\infty}{2} \end{array}\right\|$ | $\begin{aligned} & 0 \\ & \underset{\sim}{N} \\ & \underset{\sim}{2} \end{aligned}$ |  | $\left\|\begin{array}{l} -1 \\ 0 \\ \mathcal{F}^{-} \end{array}\right\|$ | $\left\|\begin{array}{l} n \\ \underset{\sim}{2} \\ \hat{0} \\ \infty \end{array}\right\|$ | $\left\|\begin{array}{l} 9 \\ 0 \\ \text { M } \\ 0 \\ 0 \end{array}\right\|$ | $\left\|\begin{array}{c} \infty \\ \tilde{M} \\ \stackrel{n}{N} \\ \underset{\sim}{N} \end{array}\right\|$ |  | $\left\|\begin{array}{l} 0 \\ 0 \\ 0 \\ n \\ \underset{~}{1} \end{array}\right\|$ | $\begin{array}{\|l\|} \hline \underset{\sim}{7} \\ \underset{\sim}{n} \\ i \end{array}$ | $\left\|\begin{array}{c} 0 \\ 0 \\ \hat{N} \\ i \end{array}\right\|$ | $\left\|\begin{array}{c} \hat{N} \\ \\ \hat{N} \end{array}\right\|$ | $\begin{array}{\|l\|} \hline 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ \hline \end{array}$ | $\left\|\begin{array}{c} \mathbf{o} \\ ल \\ \\ \stackrel{n}{N} \end{array}\right\|$ | $\left\|\begin{array}{l} 9 \\ \overrightarrow{7} \\ \underset{-}{3} \\ 0 \\ -1 \end{array}\right\|$ | $\left\|\begin{array}{l} \circ \\ \underset{\sim}{9} \\ \dot{\sigma} \end{array}\right\|$ | $\left\|\begin{array}{l} 0 \\ 7 \\ 7 \\ 0 \\ \infty \end{array}\right\|$ | $\left\|\begin{array}{l} 0 \\ \tilde{N} \\ \tilde{j} \end{array}\right\|$ | $\begin{array}{\|l\|} \hline 0 \\ \substack{ \\ 0 \\ 0 \\ \hline-1} \end{array}$ |  | $\left\|\begin{array}{l} 0 \\ \infty \\ \infty \\ \infty \\ \infty \end{array}\right\|$ | $\begin{array}{\|c\|} \hline \infty \\ n_{1} \\ 0 \\ n \\ \end{array}$ | $\begin{array}{\|c\|} \hline \infty \\ M \\ M \\ \underset{\sim}{\dot{\gamma}} \\ \hline \end{array}$ | $\left\|\begin{array}{c} 0 \\ \underset{N}{N} \\ \underset{0}{2} \end{array}\right\|$ | $\left\|\begin{array}{l} 0 \\ 0 \\ 0 \\ \mathcal{C}_{1} \end{array}\right\|$ | $\left\|\begin{array}{c} 0 \\ 0 \\ 0 \\ \underset{\infty}{2} \end{array}\right\|$ | $\left\|\begin{array}{l} N \\ N \\ \underset{N}{N} \end{array}\right\|$ | $\left\|\begin{array}{l} 9 \\ \stackrel{0}{1} \\ 0 \\ 0 \end{array}\right\|$ | $\begin{aligned} & \hline \\ & 0 \\ & 0 \\ & \stackrel{0}{\circ} \end{aligned}$ | $\left\|\begin{array}{l} 0 \\ 0 \\ 0 \\ n \\ n \\ \underset{1}{2} \end{array}\right\|$ | $\left\lvert\, \begin{aligned} & 9 \\ & m \\ & \underset{i}{2} \\ & \hline \end{aligned}\right.$ | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & -1 \end{aligned}$ | $\left.\begin{array}{\|l\|} \hline 3 \\ 0 \\ 0 \\ \end{array} \right\rvert\,$ | $\left\|\begin{array}{l} \underset{\sim}{7} \\ \underset{\sim}{f} \\ \underset{\sim}{2} \end{array}\right\|$ | $\left.\begin{gathered} \underset{\sim}{N} \\ \underset{\sim}{N} \\ \underset{\sim}{2} \end{gathered} \right\rvert\,$ | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & 0 \\ & \infty \end{aligned}$ | $\left\|\begin{array}{c} 1 \\ \stackrel{n}{n} \\ \underset{\sim}{n} \\ \underset{\sim}{2} \end{array}\right\|$ | $\left\|\begin{array}{c} 0 \\ 0 \\ 0 \\ 5 \\ 5 \end{array}\right\|$ | $\begin{array}{\|c\|} \substack{0 \\ 0 \\ \\ \underset{\sim}{2}} \end{array}$ | $\left\|\begin{array}{l} \underset{\sim}{\Omega} \\ \underset{j}{j} \end{array}\right\|$ | -7 <br> $N$ <br> $N$ <br> 0 |
|  | $\begin{aligned} & -7 \\ & \stackrel{\infty}{7} \end{aligned}$ | $\begin{array}{\|l\|} \hline \infty \\ \underset{y}{\infty} \\ \hline \end{array}$ | $$ | $\begin{array}{\|l\|} \hline \infty \\ \stackrel{\infty}{7} \\ \hline 1 \end{array}$ | $\begin{array}{\|l\|} \hline 0 \\ \hline \\ \end{array}$ | $\begin{aligned} & \mathrm{N}_{1} \\ & \stackrel{\sim}{\lambda} \end{aligned}$ | $\begin{array}{\|c\|} \hline \infty \\ \underset{\sim}{c} \\ \underset{1}{ } \end{array}$ | $\begin{array}{\|l\|} \hline \infty \\ \stackrel{\infty}{7} \\ \underset{1}{ } \end{array}$ | $\begin{array}{\|l\|} \hline \stackrel{8}{9} \\ \underset{\sim}{1} \end{array}$ | $\begin{array}{\|l\|} \hline \stackrel{\rightharpoonup}{7} \\ \underset{\sim}{7} \end{array}$ | $\begin{array}{\|c\|} \hline \stackrel{N}{N} \\ \underset{\sim}{2} \end{array}$ | $\begin{aligned} & \hline \text { g } \\ & \underset{y}{2} \end{aligned}$ | $\begin{array}{\|l\|} \hline \stackrel{\circ}{\mathrm{O}} \\ \stackrel{7}{2} \end{array}$ | $\begin{array}{\|c\|} \hline 0 \\ 0 \\ 0 \\ \end{array}$ | $\begin{array}{\|c} 0 \\ \stackrel{y}{n} \\ \underset{\sim}{2} \end{array}$ | $\left\|\begin{array}{c} 7 \\ \stackrel{7}{9} \end{array}\right\|$ | $\left\|\begin{array}{c} \tilde{\sim} \\ \stackrel{0}{c} \end{array}\right\|$ | $\left\lvert\, \begin{gathered} 3 \\ \stackrel{3}{n} \\ \hline \end{gathered}\right.$ | $\begin{array}{\|c\|} \hline 寸 \\ \stackrel{7}{7} \end{array}$ | $\left. \right\rvert\,$ | $\left.\begin{array}{\|c\|} \hline 0 \\ 4 \\ \sim \\ \sim \end{array} \right\rvert\,$ | $\left\lvert\, \begin{array}{\|c\|} \hline \stackrel{\rightharpoonup}{\mathrm{f}} \\ \underset{\sim}{2} \end{array}\right.$ | $\begin{array}{\|c\|} \hline 0 \\ \stackrel{4}{n} \\ \underset{y}{2} \end{array}$ | $\begin{array}{\|l\|} \hline 9 \\ \underset{\sim}{7} \end{array}$ | $\begin{array}{\|c\|} \hline 0 \\ \stackrel{0}{\mathrm{O}} \\ \hline \end{array}$ | $\left.\begin{aligned} & \stackrel{7}{n} \\ & \stackrel{0}{7} \end{aligned} \right\rvert\,$ | $\begin{array}{\|c} \mathrm{N} \\ \mathrm{~N} \\ \underset{ }{2} \end{array}$ | $$ | $\left. \right\rvert\,$ | $\left.\begin{array}{\|l\|} \hline 0 \\ 0 \\ n \\ \end{array} \right\rvert\,$ | $\left.\begin{array}{\|l\|} \hline 0 \\ \hat{0} \\ \underset{\sim}{2} \end{array} \right\rvert\,$ | $\begin{array}{\|l\|} \hline \stackrel{n}{n} \\ \underset{\sim}{n} \end{array}$ | $\begin{aligned} & \infty \\ & \stackrel{0}{0} \\ & \underset{\sim}{2} \end{aligned}$ | $\begin{array}{\|l\|} \hline 9 \\ \stackrel{0}{0} \\ \end{array}$ | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & 7 \end{aligned}$ | $\begin{aligned} & \mathbf{7} \\ & \stackrel{0}{7} \end{aligned}$ | $$ | $\begin{array}{\|l\|} \hline 3 \\ \stackrel{0}{0} \\ \underset{\sim}{2} \end{array}$ | $\begin{aligned} & \stackrel{\rightharpoonup}{0} \\ & \stackrel{\rightharpoonup}{\mathrm{O}} \end{aligned}$ | $\left.\begin{array}{\|l\|} \hline 0 \\ 0 \\ 10 \end{array} \right\rvert\,$ | $\begin{array}{\|l\|} \hline \hat{0} \\ \hat{0} \end{array}$ | $\left.\begin{array}{\|l\|} \hline 0 \\ 0 \\ 0 \\ \end{array} \right\rvert\,$ | $\begin{array}{\|l\|} \hline 0 \\ \hat{n} \\ \mathrm{r} \end{array}$ | $\begin{aligned} & \underset{\sim}{n} \\ & \underset{\sim}{n} \end{aligned}$ | $\stackrel{N}{N}$ |
|  |  |  |  |  |  |  |  |  |  | 1FBNE31L55HB38566 | 1FBNE31L75HB38567 |  | 1FBNE31L75HB38570 |  |  |  |  |  |  |  |  | 1FBNE31176DA24643 |  |  |  |  |  |  |  |  | 1FBNE31L26DA24663 |  |  |  |  |  | 1FBNE31L36DA24641 |  |  |  |  | 1FBNE31L36DA24655 |  |  | 1FBSS31L86DA24629 |
| $\begin{aligned} & \frac{0}{.} \\ & \frac{0}{\epsilon} \\ & \frac{0}{0} \\ & > \end{aligned}$ | $\stackrel{\sim}{7}$ | $\stackrel{9}{-1}$ | $\stackrel{\sim}{-}$ | $\stackrel{9}{-}$ | $\stackrel{7}{-1}$ | $\stackrel{\sim}{7}$ | $\stackrel{9}{-1}$ | $\stackrel{9}{-}$ | $\stackrel{-}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{-}$ | $\stackrel{9}{7}$ | $\stackrel{9}{-}$ | $\stackrel{7}{7}$ | $\stackrel{7}{-1}$ | $\stackrel{-}{7}$ | $\stackrel{9}{-}$ | $\stackrel{9}{7}$ | $\stackrel{9}{-}$ | $\stackrel{9}{-}$ | $\stackrel{9}{7}$ | $\stackrel{9}{-}$ | $\stackrel{n}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{-}$ | $\stackrel{-}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{-}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{7}{-1}$ | $\stackrel{9}{-}$ | $\stackrel{9}{7}$ | $\stackrel{-}{7}$ | $\stackrel{9}{-}$ | $\stackrel{\sim}{7}$ | $\stackrel{7}{7}$ | $\stackrel{9}{7}$ | $\stackrel{\sim}{7}$ | $\stackrel{-}{7}$ | $\stackrel{9}{7}$ | $\stackrel{7}{7}$ | $\stackrel{7}{7}$ | $\stackrel{7}{7}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | $\begin{array}{\|c\|} \hline 0 \\ 0 \\ 0 \\ 3 \\ 0 \\ \hline 3 \\ \hline 0 \\ \frac{0}{0} \\ 0 \\ 0 \\ 0 \\ 0 \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | $\xrightarrow{-1}$ | $\begin{gathered} \underset{N}{N} \\ -1 \end{gathered}$ | $\begin{array}{\|c} \underset{\sim}{2} \\ \underset{子}{2} \\ \hline \end{array}$ | $\begin{array}{\|c} 9 \\ 7 \\ \hline \end{array}$ | $\begin{gathered} \stackrel{n}{n} \\ \underset{\sim}{2} \end{gathered}$ | $\begin{array}{\|c\|} \hline \\ \underset{子}{1} \\ \hline \end{array}$ | $\begin{array}{\|c} \mathrm{N} \\ \mathrm{~A} \end{array}$ | $\left\|\begin{array}{c} \infty \\ \stackrel{\infty}{-1} \end{array}\right\|$ | $\begin{array}{\|c\|} \hline 9 \\ \underset{-1}{2} \\ \hline \end{array}$ | $\left.\begin{array}{\|c\|} \hline 0 \\ \infty \\ -1 \end{array} \right\rvert\,$ | $\left\|\begin{array}{c} \underset{\sim}{\infty} \\ \underset{\sim}{1} \end{array}\right\|$ | $\left\|\begin{array}{c} \sim \\ 0 \\ \sim \end{array}\right\|$ | $\left\|\begin{array}{c} \infty \\ \infty \\ -1 \end{array}\right\|$ | $\begin{array}{\|c} \substack{\infty \\ -1} \\ \hline \end{array}$ | $\begin{array}{\|c\|c\|c\|c\|} \hline \\ 9 \\ \hline \end{array}$ | $\left\|\begin{array}{c} \infty \\ \infty \\ -1 \end{array}\right\|$ | $\left\|\begin{array}{c} n \\ 0 \\ \sim \end{array}\right\|$ | $\left.\begin{gathered} \infty \\ \infty \\ -1 \end{gathered} \right\rvert\,$ | $\left\|\begin{array}{c} \infty \\ \infty \\ -1 \end{array}\right\|$ | $\begin{array}{\|c} \hline 8 \\ \underset{-}{2} \\ \hline \end{array}$ | $\left\lvert\, \begin{aligned} & \overrightarrow{-} \\ & \underset{\sim}{2} \end{aligned}\right.$ | $\left\lvert\, \begin{gathered} \mathrm{N} \\ \mathrm{\sigma} \\ \hline \end{gathered}\right.$ | $\begin{aligned} & \underset{\sim}{9} \\ & \hline \end{aligned}$ | $\stackrel{7}{7}$ | $\stackrel{10}{\sim}$ | $\stackrel{\ominus}{-1}$ | $\begin{array}{\|c\|} \hline \\ \underset{\sim}{9} \end{array}$ | $\stackrel{\infty}{\square}$ | $\stackrel{9}{7}$ | － | $\begin{gathered} \underset{\sim}{\mathrm{N}} \\ \hline \end{gathered}$ | $\begin{gathered} \mathrm{N} \\ \mathrm{~N} \\ \hline \end{gathered}$ | $\begin{array}{\|c} \substack{2 \\ ~} \\ \hline \end{array}$ | $\stackrel{\text { N}}{\text { N }}$ | No | $\stackrel{\circ}{\circ}$ | $\begin{array}{\|c} \hat{N} \\ \hline \end{array}$ | $\begin{gathered} \infty \\ \stackrel{\sim}{N} \\ \hline \end{gathered}$ | － | $\begin{array}{\|c} 0 \\ \cdots \\ \hline \end{array}$ | $\begin{aligned} & \underset{\sim}{\lambda} \end{aligned}$ | $\stackrel{\sim}{N}$ | $\stackrel{n}{\mathrm{~N}}$ | $\stackrel{+}{\text { ה }}$ |


|  | 을 | $\bigcirc$ | 을 | $\bigcirc$ | 을 | $\bigcirc$ | 을 | 을 | 을 | 응 | 응 | $\bigcirc$ | $\bigcirc$ | 을 | $\bigcirc$ | 을 | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\stackrel{\sim}{0}$ | $\left.\begin{aligned} & 0 \\ & \end{aligned} \right\rvert\,$ | $\stackrel{\sim}{\infty}$ | $\stackrel{y}{\infty}$ | $\stackrel{(0}{\wedge}$ | $\stackrel{\mathscr{N}}{\sim}$ | $\begin{aligned} & \mathscr{0} \\ & \underset{\sim}{2} \end{aligned}$ | $\begin{aligned} & 0 \\ & \underset{\sim}{0} \end{aligned}$ | $\stackrel{\sim}{0}$ | $\stackrel{0}{0}$ | $\begin{aligned} & \infty \\ & \end{aligned}$ | $\begin{aligned} & \infty \\ & \end{aligned}$ | $\stackrel{0}{0}$ | $\stackrel{0}{0}$ | $\stackrel{\sim}{\sim}$ | $\stackrel{\substack{0 \\ \otimes}}{ }$ | $\stackrel{0}{0}$ | $\begin{aligned} & 0 \\ & \end{aligned}$ | $\stackrel{0}{0}$ | $\left\|\begin{array}{l} 0 \\ \underset{\sim}{0} \end{array}\right\|$ | $\begin{aligned} & 0 \\ & \end{aligned}$ | $\begin{aligned} & \infty \\ & \end{aligned}$ | $\left.\begin{aligned} & 0 \\ & \end{aligned} \right\rvert\,$ | $\stackrel{0}{\sim}$ | $\stackrel{\sim}{\sim}$ | $\stackrel{\sim}{\sim}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{cc} \overline{0} & \stackrel{0}{\bullet} \\ \stackrel{0}{2} \end{array}$ | $\|\underset{\circlearrowleft}{\mathbb{U}}\|$ | ¢ | ৫ | $\underset{\circlearrowleft}{\varangle}$ | $\mid \underset{\circlearrowleft}{\mathbb{U}}$ | $\mathbb{\circlearrowleft}$ | $\|\underset{0}{\top}\|$ | $\underset{\substack{4 \\ \hline}}{ }$ | $\mid \underset{\circlearrowleft}{\top}$ | $\mid \underset{\circlearrowleft}{\top}$ | $\stackrel{\varangle}{\mathbb{U}}$ | $\mid \underset{\circlearrowleft}{\top}$ | $\|\underset{0}{\top}\|$ | $\|\underset{\circlearrowleft}{\widetilde{6}}\|$ | $\mid \underset{\circlearrowleft}{\top}$ | $\left\lvert\, \begin{gathered} \mathbb{\top} \\ \hline \end{gathered}\right.$ | $\left\lvert\, \begin{gathered} \mathbb{\top} \\ \hline \end{gathered}\right.$ | © | $\|\underset{\circlearrowleft}{\top}\|$ | $\|\underset{\circlearrowleft}{\top}\|$ | $\|\underset{\circlearrowleft}{\top}\|$ | $\mid \underset{\circlearrowleft}{\top}$ | $\mid \underset{\circlearrowleft}{\mathbb{U}}$ | $\|\underset{\circlearrowleft}{\mathbb{U}}\|$ | $\left\|\begin{array}{c} \mathbb{U} \end{array}\right\|$ | $\underset{\circlearrowleft}{\Psi}$ | $\underset{\circlearrowleft}{\boxed{4}}$ | $\underset{\substack{\pi}}{ }$ | $\underset{\circlearrowleft}{\overleftarrow{N}}$ | $\underset{\circlearrowleft}{\Psi}$ | $\underset{\circlearrowleft}{\varangle}$ | $\underset{\circlearrowleft}{\varangle}$ | $\underset{\circlearrowleft}{\overleftarrow{\top}}$ | ৫ | $\underset{\circlearrowleft}{\mathbb{U}}$ | $\underset{\circlearrowleft}{\varangle}$ | $\underset{\circlearrowleft}{\varangle}$ | $\underset{\circlearrowleft}{\boxed{\top}}$ | $\underset{\circlearrowleft}{\top}$ | $\underset{0}{\pi}$ | $\underset{\mathbf{U}}{\mathbf{\pi}}$ | $\|\underset{\circlearrowleft}{\top}\|$ | $\|\underset{\circlearrowleft}{\varangle}\|$ | ৫ | ¢ |
|  | $\stackrel{\sim}{7}$ | $\underset{\sim}{7}$ | $\cdots$ | $\underset{7}{ }$ | $\underset{\sim}{7}$ | $\underset{\sim}{\sim}$ | $\stackrel{\sim}{7}$ | $\stackrel{\sim}{7}$ | $\underset{\sim}{7}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{\sim}$ | $\stackrel{\text { N }}{ }$ | $\underset{\sim}{7}$ | $\underset{\sim}{7}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{\text { N }}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{7}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{7}$ | $\underset{\sim}{7}$ | $\stackrel{\sim}{7}$ | $\stackrel{\sim}{7}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{~}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{\sim}$ | $\stackrel{\text { N }}{ }$ | $\underset{\sim}{\text { N }}$ | $\underset{\sim}{7}$ | $\underset{\sim}{7}$ | $\underset{\sim}{\text { N }}$ | $\underset{\sim}{7}$ | $\underset{\sim}{\text { N }}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{\text { N }}$ | $\underset{\sim}{7}$ | $\underset{\sim}{7}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{7}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{7}$ | $\underset{\sim}{\sim}$ |
|  | $\bigcirc$ | 을 | 을 | 을 | 을 | $\bigcirc$ | $\bigcirc$ | 을 | $\bigcirc$ | $\bigcirc$ | 을 | 을 | $\bigcirc$ | 을 | 을 | 을 | 응 | $\bigcirc$ | 을 | 응 | $\bigcirc$ | 응 | 을 | $\bigcirc$ | 을 | 응 | $\bigcirc$ | 을 | $\bigcirc$ | $\bigcirc$ | 응 | 응 | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | 응 | 을 | 을 | $\bigcirc$ | 을 | 을 | $\bigcirc$ | 응 | 을 |
|  | $\begin{array}{\|l\|} \hline \stackrel{\leftrightarrow}{O} \\ \underset{\sim}{n} \\ \underset{\Theta}{N} \end{array}$ | $\begin{array}{\|l\|} \hline \stackrel{\sim}{\sim} \\ \underset{\sim}{n} \\ \underset{\sim}{n} \end{array}$ | $\begin{aligned} & \mathrm{N} \\ & \stackrel{n}{n} \\ & \stackrel{-}{\theta} \end{aligned}$ | $\begin{array}{l\|} \hline N \\ 0 \\ 0 \\ \sigma^{\prime} \\ \boldsymbol{\theta} \end{array}$ | $\begin{array}{\|c\|} \hline \stackrel{N}{\sim} \\ \underset{\sim}{n} \\ \underset{\Theta}{N} \end{array}$ | $\begin{aligned} & \stackrel{\leftrightarrow}{\underset{\sim}{n}} \\ & \underset{\sim}{n} \\ & \underset{\leftrightarrow}{2} \end{aligned}$ | $\left\lvert\, \begin{aligned} & 0 \\ & \underset{\sim}{2} \\ & \underset{\sim}{n} \\ & \underset{\theta}{2} \end{aligned}\right.$ | $\left\|\begin{array}{l} \hline 0 \\ \underset{\sim}{n} \\ \underset{\sim}{N} \end{array}\right\|$ |  | $\left\|\begin{array}{c} 0 \\ \underset{\sim}{n} \\ \underset{\sim}{n} \\ \underset{\theta}{2} \end{array}\right\|$ | $\begin{array}{\|l\|} \hline \stackrel{N}{\sim} \\ \underset{\sim}{n} \\ \underset{\Theta}{n} \end{array}$ | $\left\|\begin{array}{c} 0 \\ \underset{\sim}{7} \\ \underset{\sim}{n} \\ \underset{\theta}{2} \end{array}\right\|$ |  |  | $\begin{aligned} & \stackrel{\sim}{\underset{\sim}{2}} \\ & \underset{\sim}{n} \\ & \underset{\sim}{2} \end{aligned}$ | $\begin{array}{\|c\|} \hline \stackrel{\leftrightarrow}{\sim} \\ \underset{\sim}{n} \\ \underset{\Theta}{\prime} \end{array}$ | $\begin{array}{\|l\|} \hline \stackrel{N}{\sim} \\ \underset{\sim}{n} \\ \underset{\theta}{*} \end{array}$ | $\left\lvert\, \begin{gathered} \stackrel{\sim}{\underset{\sim}{2}} \\ \underset{\sim}{n} \\ \underset{\sim}{2} \end{gathered}\right.$ |  |  | $\left\lvert\, \begin{aligned} & 0 \\ & \underset{\sim}{2} \\ & \underset{\sim}{n} \\ & \underset{\theta}{2} \end{aligned}\right.$ |  | $\begin{array}{\|l\|} \hline \stackrel{N}{\sim} \\ \underset{\sim}{n} \\ \underset{\theta}{2} \end{array}$ | $\begin{array}{\|l\|} \hline \stackrel{\sim}{\underset{ }{2}} \\ \underset{\sim}{n} \\ \underset{\sim}{2} \end{array}$ | $\begin{array}{\|l\|} \hline \stackrel{\leftrightarrow}{\sim} \\ \underset{\sim}{n} \\ \underset{\Theta}{\mid} \end{array}$ |  |  | $\begin{aligned} & \hline \stackrel{N}{9} \\ & \underset{\sim}{2} \\ & \underset{\oplus}{N} \end{aligned}$ |  | $\begin{aligned} & \hline \Omega \\ & \underset{\sim}{n} \\ & \underset{\sim}{N} \\ & \underset{\leftrightarrow}{2} \end{aligned}$ | $\begin{aligned} & \hline \Omega \\ & \underset{\sim}{n} \\ & \underset{\Theta}{N} \\ & \underset{\Theta}{2} \end{aligned}$ |  |  |  | $\begin{aligned} & \hline \stackrel{\Omega}{2} \\ & \underset{\sim}{7} \\ & \underset{\sim}{N} \end{aligned}$ | $\begin{aligned} & 0 \\ & \underset{\sim}{\sim} \\ & \underset{甘}{2} \\ & \underset{~}{2} \end{aligned}$ | $\begin{aligned} & \hline \Omega \\ & \underset{\sim}{2} \\ & \underset{\sim}{N} \\ & \underset{\Theta}{2} \end{aligned}$ | $\begin{aligned} & \mathrm{N}_{2} \\ & \underset{\sim}{2} \\ & \underset{甘}{4} \end{aligned}$ |  |  | $\begin{array}{\|c\|} \hline 0 \\ \underset{\sim}{n} \\ \underset{\theta}{*} \\ \underset{\sim}{2} \end{array}$ |  | $\begin{array}{\|c\|} \hline \stackrel{n}{n} \\ \underset{\sim}{n} \\ \underset{\theta}{2} \end{array}$ | $\left\lvert\, \begin{aligned} & \stackrel{\sim}{\underset{\sim}{2}} \\ & \underset{\sim}{n} \\ & \underset{\sim}{2} \end{aligned}\right.$ |  |
|  | $\rightarrow$ | $\cdots$ | m | m | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | N | $\sim$ | N | N | N | $\sim$ | N | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | N | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | N | N |
| $$ | － | m | $\cdots$ | m | $\checkmark$ | $\checkmark$ | ナ | $\checkmark$ | $\checkmark$ | ＋ | － | $\checkmark$ | $\checkmark$ | $\checkmark$ | － | $\checkmark$ | － | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | － | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | － | $\checkmark$ | $\checkmark$ | ＋ | $\checkmark$ | ナ | $\checkmark$ | $\checkmark$ | ＊ | － |
|  | 운 | ㅇ | $\bigcirc$ | ㅇ | 8 | $\bigcirc$ | 8 | 8 | $\bigcirc$ | 8 | 8 | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | 8 | $\bigcirc$ | $\bigcirc$ | 8 | 8 | $\bigcirc$ | 8 | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | 8 | $\bigcirc$ | 8 | $\bigcirc$ | 8 | $\bigcirc$ | 8 |
|  | $\left.\begin{array}{\|c\|} \hline 0 \\ N \\ 0 \\ 0 \\ \hline-1 \end{array} \right\rvert\,$ | $\left\|\begin{array}{c} \infty \\ \underset{\sim}{\lambda} \\ \hat{N} \end{array}\right\|$ | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & 10 \\ & 0 \end{aligned}$ | $\left\|\begin{array}{l} \hat{y} \\ 0 \\ \hat{H}^{2} \end{array}\right\|$ | $\left\|\begin{array}{l} 0 \\ n \\ \underset{m}{1} \end{array}\right\|$ | $\left\|\begin{array}{l} \infty \\ \infty \\ \infty \\ \infty \\ 0 \end{array}\right\|$ | $\left\|\begin{array}{l} 0 \\ 0 \\ 0 \\ -1 \\ \infty \end{array}\right\|$ | $\left\|\begin{array}{c} \tilde{N} \\ 0 \\ \underset{N}{N} \end{array}\right\|$ | $\left\|\begin{array}{l} \underset{\sim}{2} \\ \underset{\sigma}{f} \end{array}\right\|$ | $\left\|\begin{array}{c} 0 \\ 0 \\ 0 \\ \underset{N}{0} \end{array}\right\|$ | $\left\lvert\, \begin{gathered} n \\ \substack{0 \\ \vdots \\ n \\ n \\ \hline} \end{gathered}\right.$ | $\left\|\begin{array}{c} 0 \\ 0 \\ 0 \\ i \\ i \end{array}\right\|$ | $\left\lvert\, \begin{aligned} & \hat{\Omega} \\ & \underset{\sim}{n} \\ & \underset{\infty}{2} \end{aligned}\right.$ | $\left\|\begin{array}{c} 0 \\ \underset{1}{n} \\ \underset{\sim}{i} \\ \end{array}\right\|$ | $\begin{array}{\|c\|} \hline 0 \\ \stackrel{1}{N} \\ 0 \\ \stackrel{0}{n} \end{array}$ | $\begin{array}{\|c\|} \hline \infty \\ \stackrel{\infty}{\omega} \\ 0 \\ 0 \end{array}$ | $\left\|\begin{array}{c} \infty \\ \infty \\ \infty \\ \infty \\ \sim \end{array}\right\|$ | $\left\|\begin{array}{c} -1 \\ \underset{N}{j} \\ \dot{0} \end{array}\right\|$ | $\left\|\begin{array}{l} \underset{U}{0} \\ 0 \\ \hat{N} \\ \underset{~}{1} \end{array}\right\|$ | $\begin{array}{\|c\|} \hline 0 \\ 0_{1}^{1} \\ \stackrel{n}{7} \\ \underset{1}{2} \end{array}$ | $\left\|\begin{array}{c} 0 \\ 0 \\ 0 \\ 0 \\ \underset{\sim}{0} \end{array}\right\|$ | $\left\|\begin{array}{l} 9 \\ \overrightarrow{7} \\ \underset{7}{n} \end{array}\right\|$ | $\left\|\begin{array}{l} J \\ 0 \\ 0 \\ 0 \\ \end{array}\right\|$ | $\left.\begin{array}{\|l\|} \hline 0 \\ 0 \\ 0 \\ 0 \\ 0 \end{array} \right\rvert\,$ | $\left.\begin{array}{\|l\|} \hline 0 \\ \hat{0} \\ \tilde{\infty} \end{array} \right\rvert\,$ | $\begin{array}{\|c\|} \hline 9 \\ \underset{N}{N} \\ \underset{N}{2} \end{array}$ | $\begin{array}{\|c} \hline 1 \\ 0 \\ 0 \\ N \\ m \end{array}$ | $\begin{aligned} & f \\ & f^{-} \\ & \infty^{-} \end{aligned}$ |  | $\begin{aligned} & \infty \\ & 0 \\ & \infty \\ & \dot{\varphi} \end{aligned}$ | $\begin{array}{\|l\|} \hline 0 \\ 10 \\ 0 \\ 0 \end{array}$ | $\begin{gathered} \mathbf{T}^{2} \\ N \\ 0 \\ \hline \end{gathered}$ | $\left.\begin{aligned} & -7 \\ & - \\ & - \\ & \underset{\sim}{-} \end{aligned} \right\rvert\,$ | $\begin{aligned} & \underset{N}{N} \\ & \underset{\sim}{0} \\ & \mathbf{O} \end{aligned}$ | $\begin{aligned} & \mathrm{N} \\ & N \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & \text { ®̀ } \\ & ल \\ & \underset{\sim}{9} \end{aligned}$ | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & \end{aligned}$ | $\begin{aligned} & \infty \\ & \infty \\ & \underset{\sim}{\infty} \\ & \end{aligned}$ | $\begin{aligned} & \hat{} \\ & \underset{1}{2} \\ & 0 \\ & \hline \end{aligned}$ | $\left.\begin{array}{\|l\|l} 10 \\ 0 \\ 0 \\ 6 \\ - \end{array} \right\rvert\,$ | $\begin{aligned} & 0 \\ & 0 \\ & 1 \\ & j \\ & - \end{aligned}$ | $\left.\begin{gathered} \hat{\infty} \\ 0 \\ \sim \\ \underset{\sim}{-1} \end{gathered} \right\rvert\,$ | $\begin{array}{\|l\|} \hline \hat{N} \\ \hat{N} \\ \underset{\sigma}{\prime} \end{array}$ | $\left\|\begin{array}{l} \hat{0} \\ \underset{1}{n} \\ \hat{N} \end{array}\right\|$ | 10 |
|  | $\begin{array}{\|c} \underset{\sim}{n} \\ \stackrel{n}{n} \end{array}$ | $\begin{array}{\|c\|} \hline 9 \\ 0 \\ 0 \\ \underset{\sim}{2} \end{array}$ | $\begin{aligned} & \hline \\ & 0 \\ & 0 \\ & \rightarrow \end{aligned}$ | $\left.\begin{array}{l\|} \hline \stackrel{0}{0} \\ 0 \\ 0 \end{array} \right\rvert\,$ | $\begin{array}{\|c\|} \hline 0 \\ \underset{\sim}{0} \\ \hline \end{array}$ | $\begin{aligned} & \underset{\sim}{N} \\ & \underset{\sim}{0} \end{aligned}$ | $\left.\begin{array}{\|c\|} \underset{\sim}{N} \\ \infty \\ \sim \end{array} \right\rvert\,$ | $\begin{array}{\|c\|} \hline \underset{\sim}{\infty} \\ \infty \\ \hline \end{array}$ | $\begin{gathered} \underset{\sim}{\underset{~}{2}} \\ \infty \\ \hline \end{gathered}$ | $\left\|\begin{array}{c} \stackrel{\sim}{N} \\ \infty \\ \underset{\sim}{2} \end{array}\right\|$ | $\left.\begin{array}{c\|} \hline 0 \\ 0 \\ \underset{\sim}{1} \end{array} \right\rvert\,$ | $\begin{array}{\|c\|} \hline \\ \infty \\ \underset{\sim}{n} \end{array}$ | $\begin{array}{\|c\|} \hline \infty \\ \underset{\sim}{\infty} \\ \underset{\sim}{2} \end{array}$ | $\left.\begin{gathered} \underset{\sim}{\sim} \\ \infty \\ \sim \end{gathered} \right\rvert\,$ | $\begin{array}{\|c\|} \hline \hline \\ \infty \\ \underset{\sim}{n} \end{array}$ | $\left.\begin{gathered} \underset{\sim}{\sim} \\ \infty \\ \sim \end{gathered} \right\rvert\,$ | $\left\|\begin{array}{c} \tilde{N} \\ \infty \\ \sim \end{array}\right\|$ | $$ | $\begin{array}{\|c\|} \substack{\tilde{n} \\ \infty \\ \sim} \end{array}$ | $\left.\begin{array}{\|c\|} \hline 0 \\ \infty \\ \underset{\sim}{0} \end{array} \right\rvert\,$ | $\left.\begin{array}{\|c\|} \hline 0 \\ \infty \\ \underset{\sim}{n} \end{array} \right\rvert\,$ | $\begin{array}{\|c\|} \hline \\ \infty \\ \infty \\ \end{array}$ | $\begin{array}{\|c\|} \hline \infty \\ \underset{\sim}{\infty} \\ \underset{\sim}{2} \end{array}$ | $\begin{array}{\|c\|} \hline \underset{\sim}{0} \\ \underset{\sim}{0} \end{array}$ | $\left.\begin{array}{\|c\|c} 0 \\ \infty \\ \underset{A}{2} \end{array} \right\rvert\,$ | $\begin{aligned} & \overrightarrow{-} \\ & \underset{\sim}{\infty} \end{aligned}$ | $\begin{gathered} \tilde{\sim} \\ \underset{\sim}{\infty} \\ \sim \end{gathered}$ | $\begin{gathered} \underset{M}{\infty} \\ \underset{\sim}{\infty} \end{gathered}$ | $\left.\begin{aligned} & \underset{G}{J} \\ & \infty \\ & \sim \end{aligned} \right\rvert\,$ | $\left.\begin{array}{\|l\|} \hline 0 \\ \infty \\ \sim \end{array} \right\rvert\,$ | $\begin{array}{l\|} \hline 0 \\ \infty \\ \sim_{1} \end{array}$ | $\begin{aligned} & \stackrel{\rightharpoonup}{+} \\ & \underset{\sim}{\prime} \end{aligned}$ | $\begin{aligned} & \infty \\ & \underset{\sim}{\infty} \\ & \underset{\sim}{n} \end{aligned}$ | $\begin{aligned} & \hline-\underset{\sim}{\infty} \end{aligned}$ | $\begin{aligned} & 0 \\ & \hline 0 \\ & \stackrel{0}{\mathrm{O}} \end{aligned}$ | $\left.\begin{aligned} & \vec{n} \\ & \infty \\ & \sim \end{aligned} \right\rvert\,$ | $\begin{array}{\|c\|} \hline N \\ \underset{\sim}{\infty} \\ \hline \end{array}$ | $\begin{aligned} & \stackrel{\rightharpoonup}{0} \\ & \underset{\sim}{0} \end{aligned}$ | $\left.\begin{array}{\|l\|} \hline \stackrel{n}{0} \\ 0 \\ \sim \end{array} \right\rvert\,$ | $\begin{array}{\|c\|c\|c\|c\|c\|} \hline 0 \\ \infty \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline \hat{n} \\ \infty \\ \underset{\sim}{2} \end{array}$ | $\left.\begin{array}{\|l\|} \hline \infty \\ 0 \\ 0 \\ \end{array} \right\rvert\,$ | $\begin{array}{\|c\|} \hline 0 \\ \infty \\ \underset{\sim}{0} \end{array}$ | $\begin{array}{l\|} \hline 0 \\ 0 \\ \cdots \\ -1 \end{array}$ | -1 0 0 -1 |
|  | 1FBSS31L66DA24631 | 1FTSE34L86HA33015 |  |  |  |  |  |  |  |  | $\begin{array}{\|l\|} \hline 8 \\ \lambda \\ 0 \\ 0 \\ 7 \\ \lambda \\ 0 \\ 7 \\ 0 \\ 0 \\ 0 \\ \hline 1 \\ \hline 1 \\ \hline 4 \\ \hline \end{array}$ |  |  |  |  |  |  |  |  | 1GAHG35U671189519 |  |  |  |  | 1GAHG35U771190016 |  |  |  |  |  |  | 0 <br> 7 <br> 7 <br> 7 <br> 7 <br> 7 <br>  <br> 3 <br> 0 <br> 0 <br> 0 <br> 1 <br> 1 <br> 0 |  |  |  |  |  |  |  |  |  | 1GAHG35U671190833 |  |  | 1GAHG35U171189816 |
| $\begin{aligned} & \frac{0}{0} \frac{0}{0} \\ & \frac{0}{0} 0 \\ & > \end{aligned}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{7}{7}$ | $\stackrel{9}{7}$ | $\stackrel{\sim}{7}$ | $\stackrel{9}{7}$ | $\stackrel{-1}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{n}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{-}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\cdots$ | $\stackrel{9}{7}$ | $\stackrel{7}{7}$ | $\stackrel{9}{7}$ | $\stackrel{7}{7}$ | $\stackrel{n}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{-}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{-}{7}$ | $\stackrel{7}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{-}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ |
|  |  |  |  |  | $2007 \text { Chevy Express }$ |  |  | 2007 Chevy Express |  |  | $2007 \text { Chevy Express }$ |  |  |  |  |  |  |  | $\begin{array}{\|c} \tilde{0} \\ \stackrel{0}{0} \\ \underset{\sim}{u} \\ \underset{\sim}{0} \\ \stackrel{U}{U} \\ \hat{N} \\ 0 \\ \hline \end{array}$ |  |  |  |  |  | $2007 \text { Chevy Express }$ | 2007 Chevy Express | 2007 Chevy Express | 2007 Chevy Express | 2007 Chevy Express | 2007 Chevy Express | 2007 Chevy Express |  |  |  |  | 2007 Chevy Express | 2007 Chevy Express |  |  | $2007 \text { Chevy Express }$ |  |  | 2007 Chevy Express |  |  |
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| 윽 | $\mid \underset{\circlearrowleft}{\varangle}$ | ¢ | $\mathbb{\circlearrowleft}$ | $\mid \underset{\circlearrowleft}{\mathbb{U}}$ | $\|\underset{\circlearrowleft}{\mathbb{U}}\|$ | ৫ | $\|\underset{\circlearrowleft}{\mathbb{U}}\|$ | $\|\underset{\circlearrowleft}{\varangle}\|$ | $\underset{0}{\mathbb{1}}$ | $\|\underset{\circlearrowleft}{\boxed{0}}\|$ | $\|\underset{\circlearrowleft}{\widetilde{\top}}\|$ | $\|\underset{\circlearrowleft}{\mathbb{U}}\|$ | $\|\underset{\circlearrowleft}{\top}\|$ |  | $\stackrel{\varangle}{\circlearrowleft}$ | $\mid \underset{\circlearrowleft}{\mathbb{U}}$ | $\underset{\circlearrowleft}{\mathbb{\top}}$ | © | $\mid \underset{\circlearrowleft}{\top}$ | $\|\underset{\circlearrowleft}{\top}\|$ | $\stackrel{\leftarrow}{0}$ | © | $\|\underset{\circlearrowleft}{\mathbb{U}}\|$ | $\|\underset{\circlearrowleft}{\varangle}\|$ | $\|\underset{\circlearrowleft}{\top}\|$ | $\|\underset{\circlearrowleft}{\top}\|$ | $\|\underset{\circlearrowleft}{\widetilde{\top}}\|$ | $\left\lvert\, \begin{gathered} \pi \\ 0 \end{gathered}\right.$ | $\mid \underset{\circlearrowleft}{\boxed{\top}}$ | ৫ | $\left\|\begin{array}{c} \mathbb{U} \end{array}\right\|$ | ভ | $\underset{\circlearrowleft}{\boxed{U}}$ | $\left\|\begin{array}{\|c} \mathbb{1} \end{array}\right\|$ | $\underset{\circlearrowleft}{\varangle}$ | ৫ | $\|\underset{\circlearrowleft}{\varangle}\|$ | $\left\|\begin{array}{c} \mathbb{1} \end{array}\right\|$ | ৫ | $\left\|\begin{array}{c} \mathbb{U} \end{array}\right\|$ | $\left\|\begin{array}{\|c} \mathbb{U} \end{array}\right\|$ | $\mid \underset{0}{\top}$ | $\underset{\sim}{\varangle}$ | $\left\lvert\, \begin{gathered} \mathbb{\top} \\ \hline \end{gathered}\right.$ | ¢ |
|  | $\stackrel{\sim}{7}$ | $\stackrel{1}{-1}$ | $\stackrel{\sim}{\square}$ | N | N | $\wedge$ | N | $\wedge$ | $\wedge$ | N | N | N | N | N | 入 | N | N | 入 | 入 | 入 | 入 | $\underset{\sim}{7}$ | $\stackrel{\sim}{7}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{7}$ | $\underset{7}{ }$ | $\underset{\sim}{7}$ | $\underset{\sim}{1}$ | $\underset{\sim}{7}$ | $\underset{\sim}{7}$ | $\underset{\sim}{\sim}$ | $\underset{7}{ }$ | $\underset{\sim}{7}$ | $\underset{\sim}{7}$ | N | $\underset{\sim}{7}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{7}$ | $\underset{\sim}{7}$ | $\underset{\sim}{\sim}$ | $\xrightarrow{\sim}$ | $\underset{\sim}{7}$ | $\stackrel{\sim}{7}$ | $\underset{\sim}{7}$ | $\underset{\sim}{\sim}$ |
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|  | $\begin{array}{\|l\|} \hline \stackrel{\leftrightarrow}{O} \\ \underset{\sim}{n} \\ \underset{\Theta}{N} \end{array}$ | $\begin{aligned} & \overrightarrow{-} \\ & \underset{-1}{7} \\ & \underset{\sim}{n} \end{aligned}$ | $\begin{aligned} & \overrightarrow{-1} \\ & -1 \\ & \underset{\sim}{-1} \\ & \underset{\theta}{2} \end{aligned}$ | $$ |  |  |  | $$ | $\begin{aligned} & \hline \mathrm{N} \\ & \stackrel{n}{n} \\ & \stackrel{y}{\theta} \\ & \boldsymbol{y} \end{aligned}$ | $\begin{array}{\|c\|} \hline \stackrel{n}{n} \\ \stackrel{n}{n} \\ \underset{\theta}{n} \\ \hline \end{array}$ |  | $\begin{aligned} & \mathrm{N} \\ & \underset{\sim}{n} \\ & \underset{\sim}{A} \\ & \underset{\theta}{2} \end{aligned}$ | $\begin{array}{\|c\|} \hline- \\ \stackrel{1}{n} \\ \underset{\sim}{-1} \\ \underset{\theta}{2} \end{array}$ | $\begin{array}{\|c\|} \hline \stackrel{\wedge}{n} \\ \stackrel{n}{N} \\ \underset{\theta}{\theta} \\ \hline \end{array}$ |  | $\left.\begin{array}{\|c\|} \hline- \\ \stackrel{1}{n} \\ \underset{-1}{\theta} \\ \boldsymbol{\theta} \end{array} \right\rvert\,$ | $\begin{array}{\|c\|} \hline- \\ \stackrel{1}{n} \\ - \\ -1 \\ \underset{\theta}{2} \end{array}$ | $\left.\begin{array}{\|c\|} \hline \stackrel{n}{n} \\ \stackrel{n}{n} \\ \vec{\theta} \end{array} \right\rvert\,$ | $\begin{array}{\|c\|} \hline \stackrel{1}{n} \\ \stackrel{n}{n} \\ \stackrel{\rightharpoonup}{\theta} \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline- \\ \stackrel{1}{n} \\ \underset{\sim}{\hat{\theta}} \\ \mid \end{array}$ |  | $$ | $$ | $\begin{array}{l\|} \hline N \\ 0 \\ 0 \\ \underset{\theta}{\theta} \end{array}$ | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & 0 \\ & \stackrel{\theta}{\theta} \end{aligned}$ | $\begin{aligned} & 2 \\ & 0 \\ & 0 \\ & 9 \\ & \underset{\theta}{\theta} \end{aligned}$ | $\begin{array}{\|c} \stackrel{N}{o} \\ 0 \\ \underset{\theta}{\theta} \\ \hline \end{array}$ | $$ | $$ |  | $\left\|\begin{array}{l} \underset{\sim}{0} \\ 0 \\ 0 \\ \underset{\theta}{\theta} \end{array}\right\|$ |  | $\begin{aligned} & \hline \stackrel{N}{6} \\ & 6 \\ & \underset{\theta}{\theta} \end{aligned}$ | $\begin{aligned} & \underset{\sim}{0} \\ & 0 \\ & 0 \\ & \underset{\theta}{\theta} \end{aligned}$ | $\begin{aligned} & \mathrm{N} \\ & 0 \\ & 0 \\ & \vec{\theta} \end{aligned}$ | $\begin{aligned} & \stackrel{\rightharpoonup}{0} \\ & 6 \\ & \underset{\theta}{5} \end{aligned}$ | $\left\|\begin{array}{l} \underset{\sim}{0} \\ 0 \\ 0 \\ \underset{\theta}{*} \end{array}\right\|$ | $$ | $\begin{aligned} & \hline \stackrel{0}{2} \\ & 6 \\ & 0 \\ & \underset{\theta}{\theta} \end{aligned}$ | $\left.\begin{aligned} & \underset{\sim}{0} \\ & 0 \\ & 0^{2} \\ & \boldsymbol{\theta} \end{aligned} \right\rvert\,$ | $\begin{array}{\|l\|} \hline N \\ 0 \\ 0 \\ 0 \\ \underset{\theta}{\theta} \end{array}$ | $\begin{aligned} & \hline \stackrel{0}{2} \\ & 0 \\ & 0 \\ & \underset{\theta}{\theta} \end{aligned}$ |  | $\left\|\begin{array}{c} \tilde{N} \\ 0 \\ 0 \\ \underset{\theta}{\theta} \end{array}\right\|$ | N <br> 0 <br> 0 <br> $\square$ <br> -8 |
|  | $\sim$ | $\sim$ | $\sim$ | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | $\cdots$ | $m$ | $m$ | m | m | m | m | $m$ | $m$ | $\cdots$ | m | $\cdots$ | m | m | m | m | m | m | m | m | m | m | m | m | m | m |
|  | － | － | － | m | m | m | m | m | m | m | m | m | m | m | m | m | $\cdots$ | m | m | $\cdots$ | $m$ | $\cdots$ | m | m | m | m | $m$ | m | m | m | $\cdots$ | m | $\cdots$ | м | m | m | m | m | m | m | m | m | m | m | m |
|  | － | 8 | 8 | $\bigcirc$ | 앗 | $\bigcirc$ | $\bigcirc$ | 앗 | $\bigcirc$ | ㅇ | ㅇ | $\bigcirc$ | $\bigcirc$ | ㅇ | $\bigcirc$ | $\bigcirc$ | ㅇ | ㅇ | $\stackrel{\text { ㅇ }}{ }$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | 앗 | $\bigcirc$ | ㅇ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | 악 | ㅇ | $\bigcirc$ | 앗 | 악 | $\bigcirc$ | 악 | 악 | $\bigcirc$ | 앗 | ㅇ | ㅇ | $\stackrel{\text { ㅇ}}{ }$ | $\bigcirc$ | $\bigcirc$ |
|  | $\begin{aligned} & 1 \\ & \hat{0} \\ & 1 \\ & \overbrace{7} \end{aligned}$ | $\left\|\begin{array}{l} \infty \\ 0 \\ 0 \\ \end{array}\right\|$ | $\left\|\begin{array}{l} \underset{N}{N} \\ \hat{N} \\ \underset{\sim}{\lambda} \end{array}\right\|$ | $\left\|\begin{array}{c} 0 \\ \stackrel{0}{2} \\ \underset{\sim}{n} \\ \underset{~}{1} \end{array}\right\|$ | $\left\|\begin{array}{l} 5 \\ 0 \\ 0 \\ 1 \\ \end{array}\right\|$ | $\left\lvert\, \begin{gathered} 0 \\ 0 \\ 0 \\ n \\ n \end{gathered}\right.$ | $\left\|\begin{array}{l} \mathrm{N} \\ 0 \\ 0 \\ 0 \end{array}\right\|$ | $\left\|\begin{array}{l} 9 \\ \underset{\sim}{9} \\ \stackrel{0}{0} \end{array}\right\|$ | $\begin{aligned} & \stackrel{0}{0} \\ & \underset{\sim}{7} \end{aligned}$ | $\begin{array}{\|l\|} \hline N \\ N \\ \hat{e} \\ \end{array}$ | $\begin{aligned} & \hline \infty \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\left\|\begin{array}{c} m \\ N \\ 0 \\ 0 \end{array}\right\|$ | $\left\|\begin{array}{c} 0 \\ \stackrel{0}{0} \\ \underset{\sim}{7} \end{array}\right\|$ | $\left.\begin{array}{l\|} \hline \infty \\ 0 \\ 0 \\ j \\ \end{array} \right\rvert\,$ | $\left\lvert\, \begin{gathered} \infty \\ \underset{\sim}{\underset{-}{\sim}} \\ \underset{寸}{2} \end{gathered}\right.$ | $\left\|\begin{array}{l} \infty \\ 0 \\ 0 \\ j \\ j \end{array}\right\|$ | $\left\|\begin{array}{l} \underset{0}{0} \\ 0 \\ 10 \\ 1 \end{array}\right\|$ | $\left\|\begin{array}{l} \underset{~}{f} \\ \infty \\ \underset{N}{2} \end{array}\right\|$ | $\left\|\begin{array}{l} n \\ \infty \\ 0 \\ \hat{n}^{-} \end{array}\right\|$ | $\left\|\begin{array}{l} 0 \\ 0 \\ 0 \\ 0 \\ \sim \end{array}\right\|$ | $\begin{array}{\|c\|} \hline 0 \\ 0 \\ 0 \\ 0 \\ \hline \end{array}$ | $\left\|\begin{array}{c} \underset{\sim}{N} \\ \underset{N}{N} \end{array}\right\|$ | $\begin{array}{l\|} \hline 0 \\ 0 \\ 0 \\ \mathcal{F} \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline \infty \\ \infty \\ 0 \\ \mathbf{n}^{2} \end{array}$ | $\left\|\begin{array}{l} \underset{\lambda}{\lambda} \\ \stackrel{n}{n} \end{array}\right\|$ | $\begin{array}{\|l\|} \hline 1 \\ \\ 0 \\ 0 \\ \hline \end{array}$ | $\left.\begin{array}{\|c\|} \hline n \\ n \\ n \\ n \\ n \end{array} \right\rvert\,$ | $\left\|\begin{array}{l} 0 \\ \underset{7}{7} \\ 0 \\ 0 \end{array}\right\|$ | $\left\lvert\, \begin{aligned} & \underset{寸}{\underset{1}{1}} \\ & \underset{\sim}{z} \end{aligned}\right.$ | $\begin{aligned} & -1 \\ & 0 \\ & 0 \\ & 0 \\ & \hline \end{aligned}$ | $\left\|\begin{array}{c} \infty \\ 0 \\ 0 \\ \underset{N}{n} \end{array}\right\|$ | $\begin{aligned} & \hat{0} \\ & 7 \\ & 0 \\ & 0 \end{aligned}$ | $$ | $\left\|\begin{array}{c} 0 \\ 0 \\ N \\ 0 \\ N \end{array}\right\|$ | $\begin{aligned} & \hline-1 \\ & \underset{\sim}{\infty} \\ & \infty \\ & \infty \end{aligned}$ | $\begin{aligned} & \mathrm{N} \\ & \infty \\ & \mathrm{o}^{\prime} \end{aligned}$ | $\left\|\begin{array}{l} 9 \\ \underset{~}{n} \\ 0 \\ \sim \end{array}\right\|$ | $\left\|\begin{array}{l} N \\ \underset{1}{9} \\ g \\ \end{array}\right\|$ |  | $\begin{array}{\|c\|} \hline 0 \\ N \\ 0 \\ 0 \\ \hline \end{array}$ | $\left\|\begin{array}{c} 0 \\ 7 \\ 7 \\ 5 \\ 0 \end{array}\right\|$ | $\left\|\begin{array}{l\|} \hat{0} \\ \infty \\ 0 \\ \infty \end{array}\right\|$ | $\begin{array}{\|l\|l} \hline \infty \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \end{array}$ | $\left\|\begin{array}{c} \underset{y}{0} \\ \underset{\sim}{i} \\ \underset{\sim}{2} \end{array}\right\|$ | N－1 |
|  | $\begin{aligned} & N \\ & 0 \\ & \underset{N}{2} \end{aligned}$ | $\left.\begin{array}{\|c} 0 \\ \hline \\ 0 \\ \rightarrow \end{array} \right\rvert\,$ | $\left.\begin{array}{\|c\|} \vec{N} \\ \sim \\ \sim \end{array} \right\rvert\,$ | $\begin{array}{\|l\|} \hline 8 \\ \hline 9 \\ 7 \end{array}$ | $\begin{array}{\|l\|} \hline \underset{\sim}{\mathrm{O}} \\ \hline \end{array}$ | $\begin{aligned} & \mathrm{N} \\ & \mathrm{O} \end{aligned}$ | $\begin{array}{\|l\|} \hline ⿳ 亠 丷 ⿵ 冂 \\ \end{array}$ | $$ | $\begin{aligned} & \mid \stackrel{0}{\circ} \\ & \underset{\sim}{\mathrm{~A}} \end{aligned}$ | $\begin{array}{\|l\|} \hline 0 \\ \hline- \\ \hline- \end{array}$ | $\begin{array}{\|l\|} \hline \hat{O} \\ \mathrm{O} \end{array}$ | $\begin{array}{\|l\|} \hline 0 \\ \hline 0 \\ -1 \end{array}$ | $\left.\begin{array}{\|l\|} \hline 0 \\ 0 \\ 7 \end{array} \right\rvert\,$ |  | $\begin{aligned} & \vec{\prime} \\ & \vec{~} \\ & \vec{~} \end{aligned}$ | $\begin{aligned} & \underset{\sim}{7} \\ & \underset{\sim}{7} \end{aligned}$ | $\begin{aligned} & 9 \\ & \underset{\sim}{7} \\ & \hline \end{aligned}$ | $\begin{array}{\|c} \underset{7}{\vec{~}} \\ \underset{A}{2} \end{array}$ | $\begin{aligned} & 0 \\ & \stackrel{n}{7} \\ & \underset{\sim}{2} \end{aligned}$ | $\begin{aligned} & 0 \\ & \overrightarrow{1} \\ & \underset{A}{1} \end{aligned}$ | $\begin{array}{\|l\|} \hline \\ \vec{~} \\ \underset{A}{2} \end{array}$ | $\begin{array}{\|l\|} \hline \mathrm{N} \\ \underset{\sim}{\mathrm{I}} \end{array}$ | $$ | $\begin{array}{\|l\|} \hline \underset{\sim}{N} \\ \underset{\sim}{2} \end{array}$ | $\begin{array}{\|c\|} \underset{\sim}{N} \\ \hline \end{array}$ | $\left\|\begin{array}{l} \stackrel{1}{2} \\ \underset{\sim}{7} \end{array}\right\|$ | $\begin{array}{\|c} \stackrel{0}{N} \\ \underset{\sim}{\mathrm{~A}} \end{array}$ | $\begin{array}{\|c\|} \hline \underset{y}{\mathrm{~N}} \\ \mathbf{O} \end{array}$ | $\left\|\begin{array}{l} \infty \\ \underset{\sim}{\mathrm{N}} \end{array}\right\|$ | $\begin{aligned} & \hline \underset{\sim}{N} \\ & \underset{\sim}{2} \end{aligned}$ | $\begin{array}{\|l\|} \hline \mathrm{O} \\ \underset{\sim}{7} \end{array}$ | $\begin{aligned} & \vec{ल} \\ & \underset{\sim}{7} \end{aligned}$ | $\begin{aligned} & \underset{\sim}{N} \\ & \underset{\sim}{\prime} \end{aligned}$ | $\begin{array}{\|c\|} \hline \underset{m}{9} \\ \underset{\sim}{2} \end{array}$ | $\begin{aligned} & \stackrel{\rightharpoonup}{\tilde{3}} \\ & \underset{\sim}{n} \end{aligned}$ | $\begin{aligned} & \stackrel{1}{0} \\ & \underset{\sim}{n} \end{aligned}$ | $\begin{array}{\|l\|} \hline 0 \\ \mathbf{M} \\ \underset{\sim}{2} \end{array}$ | $\begin{aligned} & \hat{\jmath} \\ & \underset{\sim}{n} \end{aligned}$ | $\begin{aligned} & \hline 0 \\ & \underset{\sim}{M} \\ & \underset{\sim}{2} \end{aligned}$ | $\begin{array}{\|c\|} \hline \mathbf{m} \\ \underset{\sim}{2} \end{array}$ | $\begin{array}{\|c\|} \hline 0 \\ \text { g } \\ 7 \end{array}$ | $\begin{array}{\|l\|} \vec{J} \\ \underset{\sim}{2} \end{array}$ | $\begin{array}{\|c\|} \substack{7 \\ \underset{\sim}{2} \\ \hline} \end{array}$ | $\begin{aligned} & 9 \\ & \underset{\sim}{9} \end{aligned}$ | $\xrightarrow{7}$ |
|  |  |  | 1GAHG39U871191413 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1GNDV23W58D207946 |  |  |  |  |  |  |  |  | 1GAHG35K681219148 |  |  |  |  |  |  |  | 1GAHG35K181221003 |  |  | 1GAHG35K481218743 |  |  |  |  | 1GAHG35KX81220822 | 1GAHG35K381220015 |  |
| $\begin{array}{ll}\frac{0}{0} & 0 \\ \frac{0}{0} \\ > & 0\end{array}$ | $\stackrel{-}{7}$ | $\stackrel{7}{-1}$ | $\stackrel{\sim}{7}$ | $\stackrel{9}{-}$ | $\stackrel{7}{7}$ | $\stackrel{\sim}{7}$ | $\stackrel{7}{7}$ | $\stackrel{7}{-1}$ | $\stackrel{\sim}{7}$ | $\stackrel{-}{7}$ | $\stackrel{9}{-}$ | $\stackrel{7}{7}$ | $\stackrel{-}{7}$ | $\stackrel{9}{7}$ | $\stackrel{n}{7}$ | $\stackrel{-}{7}$ | $\stackrel{9}{-}$ | $\stackrel{9}{7}$ | $\stackrel{-}{7}$ | $\stackrel{9}{7}$ | $\stackrel{n}{7}$ | $\stackrel{9}{7}$ | $\stackrel{-}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{-}$ | $\stackrel{-}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{-}$ | $\stackrel{-}{7}$ | $\stackrel{9}{-}$ | $\stackrel{9}{7}$ | $\stackrel{-}{7}$ | $\stackrel{9}{-}$ | $\stackrel{9}{7}$ | $\stackrel{-}{7}$ | $\stackrel{9}{-}$ | $\stackrel{9}{7}$ | $\stackrel{7}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{-}{7}$ | $\stackrel{-}{7}$ | $\stackrel{7}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ |
|  | 2007 Chevy Express |  |  |  | 2008 Chevy Uplander |  | 2008 Chevy Uplander | 2008 Chevy Uplander |  |  |  | 2008 Chevy Uplander |  |  |  |  |  |  |  |  |  |  |  | $2008 \text { Chevy Express }$ |  |  |  |  |  | 2008 Chevy Express | $2008 \text { Chevy Express }$ | 2008 Chevy Express |  | $2008 \text { Chevy Express }$ |  | 2008 Chevy Express | 2008 Chevy Express | 2008 Chevy Express |  | $2008 \text { Chevy Express }$ | $2008 \text { Chevy Express }$ |  | 2008 Chevy Express |  |  |
|  | $\begin{aligned} & \circ \\ & \stackrel{0}{N} \\ & \hline \end{aligned}$ | － | $\begin{gathered} \mathrm{N} \\ \mathrm{~N} \end{gathered}$ | $\begin{array}{\|c} \substack{0 \\ \underset{N}{2} \\ \hline} \\ \hline \end{array}$ | $$ | $\begin{array}{\|c} 1 \\ 0 \\ N \end{array}$ | $\begin{array}{\|l\|} \hline 0 \\ \hat{N} \\ \hline \end{array}$ | $\begin{array}{\|c} \hat{N} \\ \hat{N} \\ \hline \end{array}$ | $\begin{array}{\|c\|c} \infty \\ 0 \\ N \\ \hline \end{array}$ | $$ | $\begin{array}{\|l\|} \hline \stackrel{0}{2} \\ \stackrel{1}{2} \\ \hline \end{array}$ | $\begin{gathered} -\lambda \\ \underset{N}{n} \end{gathered}$ | $\begin{aligned} & \mathrm{N} \\ & \mathrm{~N} \end{aligned}$ | $\begin{array}{\|c} \stackrel{n}{N} \\ \underset{\sim}{2} \\ \hline \end{array}$ | $\stackrel{\mathrm{N}}{\mathrm{~N}}$ | $\begin{array}{\|c} \stackrel{i}{\mathrm{~N}} \\ \mathrm{~N} \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline \\ \stackrel{1}{N} \\ \hline \end{array}$ | $\begin{array}{\|c} \mathrm{N} \\ \mathrm{~N} \end{array}$ | $\begin{array}{\|c} \infty \\ \stackrel{\infty}{\mathrm{N}} \end{array}$ | $\begin{aligned} & 9 \\ & \stackrel{2}{N} \\ & \hline \end{aligned}$ | $\begin{array}{\|c} \circ \\ \underset{\sim}{0} \\ \hline \end{array}$ | $\begin{gathered} -1 \\ { }_{\sim}^{\infty} \\ \\ \hline \end{gathered}$ | $\begin{array}{\|c} \underset{\sim}{\infty} \\ \underset{\sim}{0} \\ \hline \end{array}$ | $\begin{gathered} \infty \\ \underset{\sim}{\infty} \\ \hline \end{gathered}$ | $\left\lvert\, \begin{gathered} \underset{\infty}{\infty} \\ \underset{N}{\mid} \end{gathered}\right.$ | $\begin{array}{\|c} \stackrel{i}{\infty} \\ \underset{\sim}{2} \\ \hline \end{array}$ | $\left\|\begin{array}{c} \infty \\ \underset{N}{2} \end{array}\right\|$ | $\begin{gathered} \stackrel{\rightharpoonup}{\infty} \\ \underset{\sim}{n} \\ \hline \end{gathered}$ | $\begin{array}{\|c\|c\|} \infty \\ \underset{\sim}{\infty} \\ \hline \end{array}$ | $\begin{aligned} & \stackrel{\circ}{\infty} \\ & \text { N } \end{aligned}$ | $\begin{array}{\|c} \hline \mathrm{O} \\ \mathrm{~N} \end{array}$ | $\stackrel{-1}{N}$ | $\stackrel{N}{\mathrm{~N}}$ | $\begin{gathered} \underset{N}{N} \\ \hline \end{gathered}$ | $\begin{gathered} \pm \\ \underset{N}{*} \end{gathered}$ | $\stackrel{\bullet}{\mathrm{N}}$ | $\begin{array}{\|c\|} \hline- \\ N \\ \hline \end{array}$ | $\begin{array}{\|c} \stackrel{N}{N} \\ \hline \end{array}$ | $\stackrel{\infty}{\infty}$ | － | $\begin{array}{\|l\|} \hline \mathrm{O} \\ \hline \end{array}$ | $\begin{array}{\|c} \underset{\sim}{\mathrm{M}} \end{array}$ | N | $\begin{aligned} & \mathrm{m} \\ & \mathrm{e} \\ & \hline \end{aligned}$ | － |


|  | 응 | 을 | 읃 | 을 | $\bigcirc$ | $\stackrel{\infty}{\infty}$ | $\stackrel{\sim}{\infty}$ | $\left\|\begin{array}{c} \mathscr{0} \\ \underset{\lambda}{2} \end{array}\right\|$ | $\left\lvert\, \begin{aligned} & \infty \\ & \underset{\sim}{\infty} \end{aligned}\right.$ | $\stackrel{\sim}{\infty}$ | $\stackrel{\sim}{\otimes}$ | $\begin{aligned} & \infty \\ & \stackrel{0}{\lambda} \end{aligned}$ | $\stackrel{(0}{\wedge}$ | $\left\|\begin{array}{c} \mathscr{0} \\ \underset{\lambda}{2} \end{array}\right\|$ | $\left.\begin{aligned} & 0 \\ & \stackrel{0}{\lambda} \end{aligned} \right\rvert\,$ | 을 | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | 을 | $\bigcirc$ | 을 | 응 | $\bigcirc$ | 을 | 응 | 을 | 을 | $\stackrel{\infty}{\infty}$ | $\begin{aligned} & 0 \\ & 0 \\ & \end{aligned}$ | $\stackrel{\sim}{\otimes}$ | $\begin{array}{\|c\|} \substack{0\\ } \end{array}$ | 을 | 을 | $\bigcirc$ | $\bigcirc$ | 을 | 을 | 을 | 을 | 응 | 응 | 을 | 응 | 응 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{cc} \overline{0} & \stackrel{0}{\bullet} \\ \stackrel{0}{2} \end{array}$ | © | $\left\|\begin{array}{c} \mathbb{\top} \end{array}\right\|$ | $\underset{\circlearrowleft}{\mathbb{U}}$ | $\|\underset{\circlearrowleft}{\mathbb{U}}\|$ | $\|\underset{\circlearrowleft}{\mathbb{\top}}\|$ | $\mathbb{\circlearrowleft}$ | © | $\|\underset{\circlearrowleft}{\widetilde{4}}\|$ | $\|\underset{\circlearrowleft}{\mathbb{O}}\|$ | $\left\lvert\, \begin{aligned} & \mathbb{\pi} \\ & \mathbf{U} \end{aligned}\right.$ | $\mid \underset{\circlearrowleft}{\top}$ | $\left\|\begin{array}{c} \mathbb{U} \end{array}\right\|$ | $\left\|\begin{array}{c} \mathbb{U} \end{array}\right\|$ | $\mathbb{\circlearrowleft}$ | $\left\|\begin{array}{c} \mathbb{U} \end{array}\right\|$ | © | $\mid \underset{\circlearrowleft}{\top}$ | $\left\|\begin{array}{c} \mathbb{\top} \end{array}\right\|$ | $\left\|\begin{array}{c} \mathbb{U} \end{array}\right\|$ | $\mathbb{\circlearrowleft}$ | $\mid \underset{ভ}{\top}$ | $\mathbb{\circlearrowleft}$ | $\underset{\sim}{\top}$ | $\|\underset{\circlearrowleft}{\boxed{\top}}\|$ | © | $\|\underset{ভ}{\widetilde{\top}}\|$ | $\mathbb{\circlearrowleft}$ | $\underset{\circlearrowleft}{\top}$ | $\mid \underset{\circlearrowleft}{\top}$ | 元 | ৫ | $\stackrel{\boxed{1}}{\mathbf{U}}$ | $\underset{\circlearrowleft}{\mathbb{U}}$ | $\mid \underset{ভ}{\mathbb{U}}$ | $\stackrel{\varangle}{\mathbb{O}}$ | ৫ | $\left\|\begin{array}{c} \mathbb{U} \end{array}\right\|$ | $\underset{\circlearrowleft}{\boxed{\top}}$ | ৫ | $\mid \underset{ভ}{\mathbb{U}}$ | $\underset{\circlearrowleft}{\mathbb{U}}$ | $\|\underset{\circlearrowleft}{\top}\|$ | $\|\underset{\circlearrowleft}{\varangle}\|$ | $\underset{\circlearrowleft}{\varangle}$ | ¢ |
|  | $\underset{\sim}{\sim}$ | $\underset{\sim}{7}$ | $\stackrel{\sim}{\sim}$ | $\stackrel{\sim}{\sim}$ | $\stackrel{\sim}{-}$ | 入 | 入 | 入 | N | N | N | 入 | N | 入 | 入 | $\wedge$ | 入 | 入 | N | 入 | 入 | 入 | N | 入 | N | N | 入 | $\wedge$ | 入 | 入 | － | N | $\underset{\sim}{\mathrm{N}}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{\text { N }}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{\text { N }}$ | $\underset{\sim}{7}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{\text { N }}$ | $\underset{\sim}{N}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{7}$ | $\underset{\sim}{\sim}$ |
|  | $\bigcirc$ | 을 | $\bigcirc$ | 을 | 을 | 을 | 을 | $\bigcirc$ | 응 | 을 | 을 | 을 | 응 | 을 | $\bigcirc$ | 을 | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | 을 | $\bigcirc$ | 응 | 을 | $\bigcirc$ | $\bigcirc$ | 응 | 응 | 을 | 을 | $\bigcirc$ | 을 | $\bigcirc$ | $\bigcirc$ | 을 | 을 | $\bigcirc$ | $\bigcirc$ | 응 | $\bigcirc$ | $\bigcirc$ | 응 | 을 |
|  | $\begin{aligned} & \tilde{N}_{1} \\ & 0 \\ & \vec{\star} \end{aligned}$ |  | $\begin{aligned} & \hline \stackrel{O}{N} \\ & \stackrel{\rightharpoonup}{N} \\ & \underset{\sim}{\prime} \end{aligned}$ | $\begin{array}{\|c\|} \hline \stackrel{O}{N} \\ \underset{\sim}{N} \\ \underset{\theta}{2} \end{array}$ | $\begin{array}{\|c\|} \hline \stackrel{O}{N} \\ \underset{\sim}{-j} \\ \underset{\Theta}{*} \end{array}$ | $\begin{aligned} & \mathrm{N} \\ & \underset{\sim}{N} \\ & \underset{\leftrightarrow}{*} \end{aligned}$ | $\begin{aligned} & \stackrel{\rightharpoonup}{\mathrm{N}} \\ & \underset{\sim}{\mathrm{~N}} \\ & \underset{\mathrm{~N}}{ } \end{aligned}$ | $\begin{array}{\|c\|} \hline \underset{\sim}{N} \\ \underset{\sim}{N} \\ \underset{\Theta}{2} \end{array}$ | $\begin{array}{\|c\|} \hline \stackrel{\rightharpoonup}{N} \\ \underset{\sim}{2} \\ \underset{\theta}{2} \end{array}$ | $\begin{array}{\|c\|} \hline \stackrel{N}{N} \\ \underset{\sim}{N} \\ \underset{\theta}{2} \end{array}$ | $\begin{array}{\|c\|} \hline \stackrel{N}{N} \\ \underset{\sim}{N} \\ \underset{\Theta}{2} \end{array}$ | $\begin{aligned} & \stackrel{N}{\mathrm{~N}} \\ & \underset{\sim}{\mathrm{~N}} \\ & \underset{\sim}{2} \end{aligned}$ | $\left\lvert\, \begin{aligned} & \underset{\sim}{N} \\ & \underset{\sim}{N} \\ & \underset{\sim}{2} \end{aligned}\right.$ | $\begin{array}{\|c\|} \hline \stackrel{N}{\mathrm{~N}} \\ \underset{\sim}{\mathrm{~N}} \\ \underset{\sim}{2} \end{array}$ | $\begin{array}{\|c\|} \hline \stackrel{\rightharpoonup}{N} \\ \underset{\sim}{2} \\ \underset{\Theta}{2} \end{array}$ | $\begin{array}{\|c\|} \hline \stackrel{N}{N} \\ \underset{\sim}{N} \\ \underset{\Theta}{2} \end{array}$ | $\begin{array}{\|c\|} \hline \stackrel{\rightharpoonup}{N} \\ \underset{\sim}{N} \\ \underset{\Theta}{2} \end{array}$ | $\begin{aligned} & \mathrm{N} \\ & \stackrel{\rightharpoonup}{\mathrm{~N}} \\ & \underset{\sim}{\mathrm{~N}} \\ & \mathrm{~N} \end{aligned}$ | $\left.\begin{array}{\|c\|} \hline \stackrel{N}{N} \\ -i \\ \underset{\sim}{N} \end{array} \right\rvert\,$ | $\begin{array}{\|l\|} \hline \stackrel{N}{N} \\ \underset{\sim}{n} \\ \underset{\leftrightarrow}{2} \end{array}$ | $\begin{array}{\|c\|} \hline \stackrel{N}{N} \\ \underset{\sim}{2} \\ \underset{\Theta}{2} \end{array}$ | $\begin{array}{\|l} \hline \stackrel{N}{N} \\ \underset{\sim}{n} \\ \underset{\leftrightarrow}{2} \end{array}$ | $\begin{aligned} & \mathrm{N} \\ & \underset{\sim}{N} \\ & \underset{\sim}{\mathrm{~N}} \end{aligned}$ | $\begin{array}{\|c\|} \hline \stackrel{N}{N} \\ \underset{\sim}{2} \\ \underset{\Theta}{2} \end{array}$ | $\begin{array}{\|c\|} \hline \stackrel{N}{N} \\ \underset{\sim}{N} \\ \underset{\theta}{2} \end{array}$ | $\begin{aligned} & \hline \stackrel{N}{N} \\ & \underset{\sim}{N} \\ & \underset{\sim}{2} \end{aligned}$ | $\begin{array}{\|c\|} \hline \stackrel{N}{N} \\ \underset{\sim}{N} \\ \underset{\Theta}{2} \end{array}$ | $\left.\begin{array}{\|c\|} \hline \hat{\mathrm{N}} \\ \underset{\sim}{\mathrm{~N}} \end{array} \right\rvert\,$ | $\begin{aligned} & \stackrel{\rightharpoonup}{\mathrm{N}} \\ & \underset{\sim}{\mathrm{~N}} \\ & \underset{\leftrightarrow}{2} \end{aligned}$ | $\begin{array}{\|c\|} \hline \stackrel{N}{N} \\ \underset{\sim}{N} \\ \underset{\theta}{2} \end{array}$ | $\begin{array}{\|c\|} \hline \stackrel{\rightharpoonup}{\mathrm{N}} \\ \underset{\sim}{\mathrm{~N}} \\ \underset{\sim}{2} \end{array}$ | $\begin{array}{\|c\|} \hline \stackrel{N}{N} \\ \underset{\sim}{N} \\ \underset{\Theta}{2} \end{array}$ | $\begin{aligned} & \hline \stackrel{9}{0} \\ & \hat{0} \\ & \underset{\sim}{N} \\ & \underset{\theta}{2} \end{aligned}$ | $\begin{aligned} & \hline \stackrel{o}{0} \\ & 0 \\ & \underset{N}{N} \\ & \underset{\Theta}{2} \end{aligned}$ |  | $\begin{aligned} & \hline \stackrel{9}{0} \\ & \stackrel{0}{0} \\ & \underset{\leftrightarrow}{N} \end{aligned}$ | $\begin{array}{\|c\|} \hline \stackrel{n}{0} \\ 0 \\ \underset{\sim}{N} \\ \underset{\theta}{2} \end{array}$ |  | $\begin{aligned} & \hline \stackrel{9}{0} \\ & \hat{0} \\ & \underset{\sim}{N} \\ & \underset{\theta}{2} \end{aligned}$ | $\begin{array}{\|c\|} \hline \stackrel{o}{0} \\ 0 \\ \underset{N}{N} \\ \underset{\leftrightarrow}{2} \end{array}$ |  | $\begin{array}{\|c\|} \hline \stackrel{9}{0} \\ 0 \\ \tilde{N} \\ \underset{\theta}{2} \end{array}$ | $\begin{aligned} & \hline \stackrel{o}{0} \\ & 0 \\ & \underset{N}{N} \\ & \underset{\sim}{2} \end{aligned}$ |  |  |
|  | m | m | m | m | m | $\checkmark$ | － | $\checkmark$ | $\checkmark$ | ＋ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | － | $\checkmark$ | － | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | － | － | $\checkmark$ | $\checkmark$ | $\checkmark$ | － | $\checkmark$ | － | $\checkmark$ | $\checkmark$ | $\checkmark$ | － | － | $\checkmark$ | － | $\checkmark$ | $\checkmark$ | ＋ | $\checkmark$ | － | ＊ |
| $$ | м | m | m | m | m | $\sim$ | $\sim$ | N | $\sim$ | $\sim$ | N | $\sim$ | $\sim$ | N | $\sim$ | N | $\sim$ | $\sim$ | $\sim$ | N | $\sim$ | $\sim$ | N | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $N$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | N | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $N$ | N |
|  | ㅇ | 앗 | $\bigcirc$ | $\bigcirc$ | ㅇ | $\infty$ | $\bigcirc$ | $\infty$ | $\infty$ | $\bigcirc$ | $\bigcirc$ | 8 | $\bigcirc$ | $\infty$ | 8 | $\infty$ | 8 | 8 | $\bigcirc$ | $\infty$ | 8 | $\infty$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\infty$ | $\bigcirc$ | 8 | $\infty$ | $\bigcirc$ | $\infty$ | $\infty$ | $\infty$ | $\bigcirc$ | $\infty$ | $\infty$ | $\bigcirc$ | $\infty$ | $\infty$ | 8 | $\infty$ | $\bigcirc$ | $\infty$ | $\bigcirc$ | $\bigcirc$ |
|  | $\begin{aligned} & \hline \underset{\sim}{n} \\ & \underset{\sim}{j} \end{aligned}$ | $\begin{array}{\|l\|} \hline \\ \\ -1 \\ \mathbf{g} \end{array}$ | $\left.\begin{array}{\|c\|} \hline 9 \\ \underset{\sim}{7} \\ \stackrel{5}{0} \end{array} \right\rvert\,$ | $\left.\begin{array}{\|c\|} \hline 0 \\ 0 \\ \\ \end{array} \right\rvert\,$ | $\left\lvert\, \begin{gathered} \overbrace{7} \\ \underset{7}{7} \\ \underset{\sim}{2} \end{gathered}\right.$ | $\left.\begin{array}{\|l\|} \hline \\ \hat{e} \\ \hat{e} \\ \hat{n} \end{array} \right\rvert\,$ | $\left\|\begin{array}{l} 9 \\ \overrightarrow{7} \\ { }_{5}^{n} \end{array}\right\|$ | $\begin{array}{\|c\|} \hline 0 \\ 0 \\ 0 \\ N \\ N \end{array}$ | $\left.\begin{array}{\|c\|} \hline 0 \\ 0 \\ 0 \\ 0 \\ N \end{array} \right\rvert\,$ | $\begin{array}{\|c\|} \hline \hat{N} \\ \hat{n} \\ O \\ \hline \end{array}$ | $\left\|\begin{array}{c} 10 \\ 寸 \\ \underset{y}{9} \\ 10 \end{array}\right\|$ | $\left\lvert\, \begin{aligned} & \hat{0} \\ & 0 \\ & \hat{m} \\ & \hline \end{aligned}\right.$ | $\left.\begin{array}{\|c\|} \hline \infty \\ 0 \\ \\ \infty_{-}^{\prime} \end{array} \right\rvert\,$ | $\left.\begin{array}{\|c\|} \hline \stackrel{L}{N} \\ N \\ 0 \\ 0 \end{array} \right\rvert\,$ | $\left.\begin{array}{\|c\|} \hline 0 \\ 0 \\ \text { n } \\ \mathrm{m} \end{array} \right\rvert\,$ | $$ | $\left\|\begin{array}{c} \underset{0}{\infty} \\ \underset{\sim}{j} \\ \underset{\sim}{2} \end{array}\right\|$ | $\left\|\begin{array}{c} -1 \\ \underset{N}{0} \\ 0 \\ 寸 \end{array}\right\|$ | $\left.\begin{gathered} \underset{1}{2} \\ \underset{\sim}{0} \\ \underset{\sim}{2} \end{gathered} \right\rvert\,$ | $\begin{array}{\|l\|} \vec{\lambda} \\ \hat{N} \\ \underset{N}{2} \end{array}$ | $\begin{aligned} & N \\ & N \\ & N \\ & \underset{N}{2} \end{aligned}$ | $\begin{array}{l\|} \overrightarrow{1} \\ \overrightarrow{1} \\ \infty \\ 0 \end{array}$ | $\begin{aligned} & 0 \\ & \infty \\ & \infty \\ & \underset{\sim}{y} \end{aligned}$ | $\left\|\begin{array}{c} \hat{N} \\ N \\ \underset{N}{N} \end{array}\right\|$ | $\left\|\begin{array}{l} \underset{~}{M} \\ \underset{7}{j} \\ \text { n } \end{array}\right\|$ | $\left.\begin{array}{\|c\|} \hline-\vec{C} \\ \hat{N} \\ \hat{N}^{\prime} \end{array} \right\rvert\,$ | $\begin{array}{\|c\|} \hline 0 \\ \infty \\ \infty \\ 0 \\ \hline \end{array}$ | $\begin{array}{\|c} \hat{n} \\ \underset{n}{n} \\ \underset{N}{2} \end{array}$ | $\left\|\begin{array}{l} 7 \\ N \\ 0 \\ N \end{array}\right\|$ | $\left\|\begin{array}{l} j \\ 0 \\ \infty \\ j \\ \text { m} \end{array}\right\|$ |  | $\begin{array}{\|c\|} \hline-1 \\ 0 \\ 0 \\ \mathrm{~N}_{1} \end{array}$ | $\begin{array}{\|c\|} \hline N \\ \hat{N} \\ \tilde{O} \\ \hline \end{array}$ | $\begin{aligned} & \underset{\sim}{\overparen{2}} \\ & \underset{\sim}{2} \end{aligned}$ | $\begin{aligned} & 08 \\ & 0 \\ & \text { M } \end{aligned}$ | $\begin{aligned} & \hat{H} \\ & 0 \\ & \underset{N}{-} \end{aligned}$ | $\left\lvert\, \begin{aligned} & 0 \\ & 0 \\ & N \\ & \text { fif } \end{aligned}\right.$ | $\begin{aligned} & \stackrel{1}{N} \\ & \overbrace{-}^{-} \end{aligned}$ | $\left.\begin{array}{\|c} \underset{\sim}{e} \\ \underset{\sim}{y} \end{array} \right\rvert\,$ | $\left.\begin{array}{\|c\|} \hline 0 \\ 0 \\ 1 \\ 15 \\ 0 \end{array} \right\rvert\,$ | $\begin{aligned} & \hline \\ & 0 \\ & 0 \\ & \hline-1 \end{aligned}$ | $\left.\begin{array}{\|c\|c} \hline 0 \\ \underset{\sim}{\infty} \\ \underset{\sim}{0} \end{array} \right\rvert\,$ | $\begin{array}{\|c\|} \hline-1 \\ 0 \\ \underset{N}{N} \end{array}$ | $\left.\begin{array}{\|c\|} \hline 0 \\ \stackrel{+}{c} \\ i \end{array} \right\rvert\,$ | n |
|  | $\begin{aligned} & 10 \\ & \stackrel{\rightharpoonup}{7} \end{aligned}$ | $\begin{array}{\|l\|l\|} \hline 0 \\ \underset{\sim}{9} \end{array}$ | $\begin{aligned} & \mathrm{O} \\ & \stackrel{\mathrm{O}}{\mathrm{C}} \end{aligned}$ | $\left.\begin{array}{\|l\|} \hline \stackrel{\rightharpoonup}{0} \\ \underset{\sim}{7} \end{array} \right\rvert\,$ | $\left.\begin{array}{\|l\|} \hline N \\ \mathrm{~N} \\ \mathrm{~A} \end{array} \right\rvert\,$ | $\begin{array}{\|l\|} \hline \mathbf{O} \\ \hline \mathbf{N} \end{array}$ | $\left\|\begin{array}{\|c} \overrightarrow{-} \\ \text { Nे } \end{array}\right\|$ | $$ | $\begin{array}{\|l\|} \hline \mathrm{O} \\ \hline \mathrm{~N} \end{array}$ | $\left.\begin{array}{\|l\|} \hline \mathrm{O} \\ \mathrm{~N} \end{array} \right\rvert\,$ | $\begin{array}{\|l\|} \hline \stackrel{\rightharpoonup}{O} \\ \mathbf{O} \\ \text { N } \end{array}$ | $\left.\begin{array}{\|c\|} \hline 0 \\ \hline 0 \\ \text { N} \end{array} \right\rvert\,$ | $\left.\begin{array}{\|l\|} \hline \hat{O} \\ \mathrm{~N} \end{array} \right\rvert\,$ | $\begin{array}{\|c\|} \hline 0 \\ \hline 0 \\ \text { N} \end{array}$ | $\left.\begin{array}{\|l\|} \hline 0 \\ \hline 0 \\ \text { N} \end{array} \right\rvert\,$ | $\begin{array}{\|c\|} \hline \stackrel{\rightharpoonup}{\mathrm{N}} \\ \text { N} \end{array}$ | $\left.\begin{array}{\|c\|} \underset{\sim}{\mathrm{N}} \end{array} \right\rvert\,$ | $\begin{aligned} & \mathrm{N} \\ & \mathbf{N} \\ & \mathrm{~N} \end{aligned}$ | $\begin{array}{\|c} \underset{N}{\mathrm{~N}} \\ \text { N } \end{array}$ | $$ | $\left. \right\rvert\,$ | $$ | $\begin{aligned} & \mathrm{N} \\ & \mathrm{O} \end{aligned}$ | $\begin{array}{\|c\|} \hline \mathbf{N} \\ \mathbf{N} \\ \text { N} \end{array}$ | $\left\|\begin{array}{l} \mathbf{N} \\ \mathbf{N} \\ \text { N} \end{array}\right\|$ | $\begin{array}{\|c\|} \hline \hline \mathrm{N} \\ \text { N} \end{array}$ | $\left.\begin{array}{\|c} \vec{ल} \\ \stackrel{N}{N} \end{array} \right\rvert\,$ | $$ | $\begin{array}{\|c\|} \hline \mathbf{N} \\ \stackrel{N}{N} \end{array}$ | $$ |  | $\left.\begin{array}{\|c\|c\|} \hline 0 \\ \end{array} \right\rvert\,$ | $\begin{array}{\|l\|} \hline 0 \\ 0 \\ \text { No } \end{array}$ | $$ | $\begin{aligned} & \mathrm{N} \\ & \mathrm{~N} \\ & \mathrm{~N} \end{aligned}$ | $\begin{aligned} & \text { Non } \\ & \text { NN } \end{aligned}$ | $$ | $\begin{aligned} & \mathrm{N} \\ & \mathrm{O} \\ & \mathrm{~N} \end{aligned}$ | $\begin{array}{\|l\|} \hline 0 \\ 0 \\ \text { N} \end{array}$ | $\begin{array}{\|l\|} \hline \hat{0} \\ \mathrm{~N} \end{array}$ | $\begin{aligned} & \infty \\ & 0 \\ & 0 \\ & \mathrm{~N} \end{aligned}$ | $\left.\begin{array}{\|l\|} \hline 0 \\ 0 \\ 0 \\ N \end{array} \right\rvert\,$ | $\left.\begin{array}{\|l\|} \hline 0 \\ \hline 0 \\ \text { N} \end{array} \right\rvert\,$ | $\left.\begin{array}{\|l\|} \hline \stackrel{\rightharpoonup}{0} \\ \text { N} \end{array} \right\rvert\,$ | N |
|  |  | 1GAHG35KX81233733 |  |  | 1GAHG39K581218180 |  |  |  |  |  |  |  |  |  | $N$ $\hat{N}$ 0 $N$ $N$ 0 0 0 0 $N$ $N$ $N$ $\vdots$ $\vdots$ |  |  |  |  |  | $n$ <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> $N$ <br> $N$ <br> $N$ <br> $N$ |  |  |  | $\left\|\begin{array}{c} 0 \\ 0 \\ 0 \\ 0 \\ N \\ N \\ 0 \\ 0 \\ 0 \\ N \\ N \\ N \\ N \\ i \end{array}\right\|$ |  |  | $\begin{aligned} & \hat{N} \\ & N \\ & \underset{\sim}{0} \\ & N \\ & 0 \\ & 0 \\ & 0 \\ & N \\ & N \\ & N \\ & 0 \\ & \hline \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{array}{l\|} \hline \frac{0}{U} \\ \hline \frac{0}{\pi} \\ \hline 0 \\ > \end{array}$ | $\stackrel{\sim}{7}$ | $\stackrel{9}{7}$ | $\stackrel{m}{7}$ | $\cdots$ | $\stackrel{-}{7}$ | $\xrightarrow[-]{7}$ | $\stackrel{m}{7}$ | $\stackrel{9}{7}$ | $\cdots$ | $\stackrel{7}{7}$ | $\stackrel{\sim}{7}$ | $\cdots$ | $\stackrel{7}{7}$ | $\stackrel{\sim}{7}$ | $\stackrel{9}{7}$ | $\stackrel{\sim}{7}$ | $\cdots$ | $\stackrel{7}{-}$ | $\stackrel{7}{7}$ | $\stackrel{\sim}{7}$ | $\stackrel{7}{7}$ | $\underset{\sim}{9}$ | $\stackrel{-}{7}$ | $\stackrel{9}{7}$ | $\|\underset{7}{9}\|$ | $\stackrel{9}{7}$ | $\stackrel{\sim}{7}$ | $9$ | $\stackrel{-}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{-}{7}$ | $\stackrel{n}{7}$ | $\stackrel{7}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{-1}{7}$ | $\stackrel{9}{7}$ | $\stackrel{\square}{7}$ | $\stackrel{-}{7}$ | $\stackrel{-}{7}$ | $\stackrel{7}{7}$ | $\stackrel{-}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ |
|  |  | 2008 Chevy Express |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | $\pi$ <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 |  | $\widetilde{0}$ <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 |  |  |  | 2009 Chevy Express | 2009 Chevy Express |  | 2009 Chevy Express | 2009 Chevy Express |  |  | $2009 \text { Chevy Express }$ |  |  | 2009 Chevy Express |  |  |
|  | $\begin{array}{ll} \stackrel{\rightharpoonup}{\mathrm{O}} \\ \hline \end{array}$ | $\begin{array}{\|l\|} \hline 0 \\ \hline \\ \hline \end{array}$ | $\begin{array}{\|l\|} \hline \\ \mathrm{e} \\ \hline \end{array}$ | $\begin{array}{\|l\|} \hline \infty \\ 0 \\ \hline \end{array}$ | $\begin{array}{\|l\|} \hline \begin{array}{l} \mathrm{O} \\ \mathrm{~m} \end{array} \\ \hline \end{array}$ | $\begin{aligned} & \mathrm{O} \\ & \mathrm{~m} \end{aligned}$ | $\begin{aligned} & -7 \\ & ल \end{aligned}$ | $\begin{gathered} \underset{\sim}{n} \\ ल \end{gathered}$ | $\begin{array}{\|c} m \\ m \\ m \end{array}$ | $\begin{aligned} & \underset{7}{7} \\ & ल \end{aligned}$ | $\begin{array}{\|c} n \\ ल \\ ल \end{array}$ | $\left.\begin{array}{\|c\|} \hline \\ m \\ \hline \end{array} \right\rvert\,$ | $\begin{array}{\|c} \underset{1}{n} \\ \hline \end{array}$ | $\begin{aligned} & \infty \\ & \vec{m} \end{aligned}$ | $\begin{aligned} & \underset{9}{9} \\ & ल \end{aligned}$ | $\begin{array}{\|c} \stackrel{\rightharpoonup}{\mathrm{N}} \\ \hline \end{array}$ | $\begin{array}{\|c} \underset{\sim}{\mathrm{N}} \end{array}$ | $\begin{array}{\|c} \underset{\sim}{N} \\ \hline \end{array}$ | $\begin{gathered} \underset{\sim}{n} \\ \hline \end{gathered}$ | $\begin{gathered} \underset{\sim}{N} \end{gathered}$ | $\begin{array}{\|c} \stackrel{\sim}{N} \\ \underset{\sim}{2} \end{array}$ | $\begin{gathered} 0 \\ \underset{\sim}{2} \end{gathered}$ | $\stackrel{N}{\mathbf{N}}$ | $\begin{array}{\|l\|} \hline \infty \\ \underset{\sim}{2} \\ \hline \end{array}$ | $\left.\begin{array}{\|c} \stackrel{\rightharpoonup}{\mathrm{N}} \\ \mathrm{~N} \end{array} \right\rvert\,$ | $\begin{array}{\|l\|} \hline \text { On } \\ \hline \end{array}$ | $\begin{gathered} \underset{ल}{ल} \end{gathered}$ | $\stackrel{\sim}{\sim}$ | $\begin{array}{\|c} \underset{M}{m} \\ \hline \end{array}$ | $\begin{array}{\|c\|c\|c\|c\|} \substack{n \\ \hline} \\ \hline \end{array}$ | $\left.\begin{array}{\|c} \stackrel{\rightharpoonup}{n} \\ ल \end{array} \right\rvert\,$ | $\begin{array}{\|l\|} \hline 0 \\ \mathrm{~m} \\ \hline \end{array}$ | $\begin{gathered} \hat{m} \\ \mathrm{~m} \end{gathered}$ | $\begin{array}{\|l\|} \hline \infty \\ \hline \end{array}$ | $\begin{aligned} & \text { ®/ } \\ & \text { ले } \end{aligned}$ | $\stackrel{\circ}{\stackrel{\rightharpoonup}{4}}$ | $\left\lvert\, \begin{gathered} -7 \\ \text { j} \end{gathered}\right.$ | $\stackrel{\sim}{\sim}$ | $\underset{\sim}{\underset{\sim}{2}}$ | $\stackrel{J}{\text { m }}$ | $\begin{aligned} & \stackrel{1}{2} \\ & \underset{\sim}{2} \\ & \hline \end{aligned}$ | $\stackrel{+}{\text { ¢ }}$ | へ | $\begin{aligned} & \infty \\ & \dot{c} \\ & \hline \end{aligned}$ | ¢ |


|  | $\stackrel{\sim}{\sim}$ | $\stackrel{\substack{0 \\ ⿻}}{ }$ | 을 | 을 | 읃 | 을 | $\bigcirc$ | 을 | 을 | 을 | $\stackrel{\sim}{0}$ | $\stackrel{\sim}{\infty}$ | $\left\|\begin{array}{l} 0 \\ \end{array}\right\|$ | $\stackrel{\substack{0 \\ \gg}}{ }$ | $\stackrel{\infty}{\infty}$ | $\left\|\begin{array}{l} 0 \\ \end{array}\right\|$ | $\stackrel{\sim}{\sim}$ | $\stackrel{\substack{0 \\ \gg}}{ }$ | $\stackrel{(0)}{\sim}$ | $\stackrel{(0}{\wedge}$ | $\stackrel{\sim}{0}$ | $\stackrel{\sim}{0}$ | $\left.\begin{array}{\|c} \infty \\ \end{array} \right\rvert\,$ | $\stackrel{\sim}{\infty}$ | $\stackrel{(0}{\wedge}$ | $\stackrel{\mathscr{N}}{\perp}$ | $\stackrel{\sim}{0}$ | $\begin{aligned} & 0 \\ & \end{aligned}$ | $\stackrel{\sim}{\infty}$ | $\stackrel{\sim}{0}$ | $\begin{aligned} & 0 \\ & \end{aligned}$ | $\begin{aligned} & \mathscr{0} \\ & \stackrel{\rightharpoonup}{2} \end{aligned}$ | $\stackrel{0}{\infty}$ | $\stackrel{0}{0}$ | $\stackrel{\sim}{\infty}$ | $\stackrel{\substack{0}}{ }$ | $\left\lvert\, \begin{aligned} & \mathbb{0} \\ & \underset{\lambda}{2} \end{aligned}\right.$ | $\begin{aligned} & \mathscr{0} \\ & \stackrel{y}{\lambda} \end{aligned}$ | $\stackrel{0}{0}$ | $\begin{aligned} & 0 \\ & \end{aligned}$ | $\stackrel{\sim}{\sim}$ | $\left.\begin{aligned} & \infty \\ & \end{aligned} \right\rvert\,$ | $\stackrel{0}{\sim}$ | $\stackrel{\sim}{\sim}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{ll} \overline{0} & \stackrel{0}{2} \\ \stackrel{\sim}{2} \end{array}$ | ¢ | $\|\underset{\circlearrowleft}{\varangle}\|$ | $\mid \underset{\circlearrowleft}{\mathbb{U}}$ | $\underset{\circlearrowleft}{\mathbb{U}}$ | $\underset{\circlearrowleft}{\varangle}$ | $\left\|\begin{array}{c} \pi \\ 0 \end{array}\right\|$ | $\underset{0}{4}$ | $\|\underset{\circlearrowleft}{\top}\|$ | $\underset{\circlearrowleft}{\mathbb{U}}$ | $\mid \underset{\circlearrowleft}{\top}$ | $\mathbb{0}$ | $\|\underset{\circlearrowleft}{\boxed{U}}\|$ | $\|\underset{0}{\top}\|$ | $\|\underset{\circlearrowleft}{\top}\|$ | $\left\lvert\, \begin{aligned} & \mathbb{\pi} \\ & \hline \end{aligned}\right.$ | $\mid \underset{\circlearrowleft}{\top}$ | $\underset{\circlearrowleft}{\mathbb{U}}$ | $\underset{\circlearrowleft}{\varangle}$ | $\|\underset{\circlearrowleft}{\mathbb{U}}\|$ | $\|\underset{\circlearrowleft}{\varangle}\|$ | $\|\underset{\circlearrowleft}{\boxed{U}}\|$ | $\left\lvert\, \begin{array}{\|c} \mathbb{\top} \\ \hline \end{array}\right.$ | © | $\|\underset{\circlearrowleft}{\top}\|$ | $\|\underset{\circlearrowleft}{\mathbb{U}}\|$ | $\left\|\begin{array}{c} \pi \\ 0 \end{array}\right\|$ | $\underset{0}{\top}$ | $\underset{\circlearrowleft}{\boxed{1}}$ | $\underset{\circlearrowleft}{\mathbb{U}}$ | $\underset{\circlearrowleft}{\varangle}$ | $\underset{\circlearrowleft}{\Psi}$ | $\underset{\circlearrowleft}{\top}$ | $\underset{\circlearrowleft}{\overleftarrow{1}}$ | $\underset{\circlearrowleft}{\mathbb{\top}}$ | $\stackrel{\varangle}{\mathbb{O}}$ | $\underset{\circlearrowleft}{\mathbb{U}}$ | $\underset{\circlearrowleft}{\varangle}$ | $\underset{\circlearrowleft}{\mathbb{\top}}$ | $\underset{\circlearrowleft}{\top}$ | $\underset{\circlearrowleft}{\mathbb{U}}$ | $\left\|\begin{array}{c} \mathbb{1} \end{array}\right\|$ | $\left\|\begin{array}{c} \varangle \\ 0 \end{array}\right\|$ | $\left\lvert\, \begin{gathered} \pi \\ \hline \end{gathered}\right.$ | ¢ |
|  | $\stackrel{\text { N }}{ }$ | $\stackrel{\sim}{7}$ | $\stackrel{\sim}{\sim}$ | $\stackrel{\sim}{\sim}$ | $\stackrel{\square}{\square}$ | 入 | $\sim$ | N | N | 入 | N | N | ＾ | N | 入 | 入 | $\wedge$ | N | $\wedge$ | $\wedge$ | $\wedge$ | N | N | $\wedge$ | $\wedge$ | $\wedge$ | N | N | N | 入 | N | 入 | $\stackrel{\text { N }}{ }$ | $\underset{\sim}{\text { N }}$ | $\underset{\sim}{7}$ | N | $\underset{\sim}{7}$ | $\underset{\sim}{\text { N }}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{\sim}$ | $\underset{\sim}{\sim}$ | $\cdots$ | $\underset{\sim}{1}$ | $\underset{\sim}{7}$ |
|  | $\bigcirc$ | $\bigcirc$ | 을 | 을 | $\bigcirc$ | 을 | 응 | 을 | 을 | 을 | $\bigcirc$ | 을 | $\bigcirc$ | $\bigcirc$ | 을 | $\bigcirc$ | 응 | 응 | 을 | 을 | 응 | $\bigcirc$ | 을 | 응 | $\bigcirc$ | 을 | 응 | $\bigcirc$ | $\bigcirc$ | 을 | 을 | 을 | 응 | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | 응 | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | 을 |
|  | 9 $\stackrel{9}{0}$ $\underset{\sim}{4}$ | $\left.\begin{array}{\|c\|} \hline \stackrel{n}{0} \\ \underset{N}{N} \\ \underset{\sim}{2} \end{array} \right\rvert\,$ |  | $\begin{aligned} & L_{0} \\ & \infty \\ & \underset{\sim}{n} \\ & \underset{\sim}{n} \end{aligned}$ | $\begin{array}{\|l\|} \hline \stackrel{n}{0} \\ \infty \\ \tilde{j} \\ \underset{\sim}{n} \end{array}$ | $\begin{array}{\|c\|} \hline 0 \\ 0 \\ 0 \\ \underset{\sim}{N} \\ \underset{\leftrightarrow}{2} \end{array}$ | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & \underset{\sim}{N} \\ & \underset{\leftrightarrow}{N} \end{aligned}$ | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & \underset{\sim}{n} \\ & \underset{\theta}{*} \end{aligned}$ | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & \underset{\sim}{n} \\ & \underset{\theta}{*} \end{aligned}$ | $\left\|\right\|$ | $\left\lvert\, \begin{gathered} \underset{N}{0} \\ \underset{\sim}{n} \\ \underset{\sim}{*} \end{gathered}\right.$ | $\left\|\begin{array}{c} \underset{N}{0} \\ \underset{\sim}{n} \\ \underset{\sim}{2} \end{array}\right\|$ | $\left\|\begin{array}{c} 9 \\ \underset{1}{2} \\ \underset{\sim}{n} \\ \underset{\sim}{2} \end{array}\right\|$ |  | $\left\lvert\, \begin{gathered} 9 \\ 0 \\ \underset{\sim}{n} \\ \underset{\sim}{*} \end{gathered}\right.$ | $\left\|\begin{array}{c} 9 \\ \underset{1}{n} \\ \underset{\sim}{n} \\ \underset{\sim}{2} \end{array}\right\|$ | $\left\|\begin{array}{c} 9 \\ 0 \\ -1 \\ \underset{N}{N} \\ \Theta \end{array}\right\|$ | $\left\|\begin{array}{c} \underset{N}{0} \\ \underset{\sim}{n} \\ \underset{\sim}{n} \end{array}\right\|$ | $\left\|\begin{array}{c} \underset{N}{0} \\ \underset{\sim}{2} \\ \underset{N}{\theta} \end{array}\right\|$ | $\left\|\begin{array}{l} N \\ \underset{\sim}{1} \\ \tilde{N} \\ \Theta \end{array}\right\|$ | $\left\|\begin{array}{c} \underset{1}{N} \\ \underset{\sim}{n} \\ \underset{\sim}{*} \end{array}\right\|$ | $\left\|\begin{array}{c} o \\ 0 \\ \underset{\sim}{n} \\ \underset{\sim}{*} \\ \hline \end{array}\right\|$ | $\left\|\begin{array}{c} 9 \\ 0 \\ \underset{\sim}{n} \\ \underset{\sim}{*} \end{array}\right\|$ | $\left\|\begin{array}{l} \underset{0}{0} \\ \underset{\sim}{n} \\ \underset{\sim}{\omega} \end{array}\right\|$ | $\left\|\begin{array}{l} \underset{\sim}{0} \\ \underset{-}{n} \\ \underset{\sim}{\omega} \end{array}\right\|$ | $\left\|\begin{array}{l} \underset{0}{0} \\ \underset{\sim}{n} \\ \underset{\sim}{\omega} \end{array}\right\|$ | $\begin{aligned} & 9 \\ & 0 \\ & \underset{\sim}{n} \\ & \underset{\sim}{*} \end{aligned}$ | $\left\|\begin{array}{c} 9 \\ 0 \\ \underset{\sim}{n} \\ \underset{\Theta}{*} \end{array}\right\|$ | $N$ <br> $N$ <br> $\underset{\sim}{N}$ <br>  | $N$ <br> $\underset{N}{N}$ <br> $\underset{\sim}{N}$ <br>  | $N$ <br> $N$ <br> $N$ <br> $\underset{\sim}{N}$ <br>  | $N$ <br> $N$ <br> $N$ <br>  <br>  | $N$ <br> $N$ <br> $N$ <br> $N$ <br>  | $\begin{aligned} & \circ \\ & \stackrel{0}{0} \\ & \underset{\sim}{-} \\ & \nrightarrow \end{aligned}$ | N <br>  <br>  <br>   | $\begin{aligned} & \text { N} \\ & \underset{\sim}{-} \\ & \underset{\sim}{*} \end{aligned}$ | $\left\|\begin{array}{l} 0 \\ 1 \\ 0 \\ \underset{N}{N} \\ \underset{\Theta}{2} \end{array}\right\|$ | $\begin{aligned} & N \\ & \hat{N} \\ & \underset{\sim}{-} \\ & \leftrightarrow \end{aligned}$ |  | $\begin{aligned} & \underset{N}{N} \\ & \underset{\sim}{j} \\ & \underset{\sim}{N} \end{aligned}$ | $\left\|\begin{array}{c} \underset{N}{N} \\ \underset{\sim}{N} \\ \underset{\sim}{*} \end{array}\right\|$ | $\left\|\begin{array}{c} \underset{N}{N} \\ \underset{\sim}{N} \\ \underset{\sim}{2} \end{array}\right\|$ | N <br>  <br>  <br>  | O |
|  | ＊ | $\star$ | － | － | $\checkmark$ | $\llcorner$ | $\llcorner$ | ค | 10 | $\llcorner$ | $\bullet$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bullet$ | $\bigcirc$ | $\bigcirc$ | $\bullet$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bullet$ |
|  | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\sim$ | $\checkmark$ | $\cdots$ | $\checkmark$ | $\checkmark$ | $\rightarrow$ | － | 0 | $\bigcirc$ | － | $\bigcirc$ | $\bigcirc$ | － | $\bigcirc$ | － | 0 | $\bigcirc$ | $\bigcirc$ | － | － | $\bigcirc$ | － | － | － | $\bigcirc$ | $\bigcirc$ | － | $\bigcirc$ | 0 | － | $\bigcirc$ | － | － | 0 | － | － | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | 0 |
|  | $\infty$ | $\bigcirc$ | $\bigcirc$ | $\infty$ | $\bigcirc$ | 8 | 8 | 8 | 8 | 8 | O- | $\left\|\begin{array}{l} \text { O } \\ \hline 1 \end{array}\right\|$ | $\left\|\begin{array}{l} \mathrm{O} \\ \hline 1 \end{array}\right\|$ | $\left\lvert\, \begin{array}{r\|} \hline 0 \\ \hline 1 \end{array}\right.$ | $\begin{aligned} & \mathrm{O} \\ & \hline \end{aligned}$ | $\left.\begin{array}{\|c\|} \hline 0 \\ \hline 1 \end{array} \right\rvert\,$ | $\|\mathrm{O}\|$ | $\left\|\begin{array}{r\|} \hline 0 \\ \hline \end{array}\right\|$ | $\|\mathrm{O}\|$ | $\mid \mathrm{O}$ | $\left\lvert\, \begin{aligned} & \mathrm{O} \\ & \hline 1 \end{aligned}\right.$ | $\begin{array}{\|r\|} \hline 0 \\ \hline 1 \end{array}$ | $\left.\begin{array}{\|l\|} \hline 0 \\ \hline-1 \end{array} \right\rvert\,$ | $\left\|\begin{array}{\|c\|} \hline-8 \\ \hline \end{array}\right\|$ | $\|\mathrm{O}\|$ | $\left\|\begin{array}{l} \mathrm{O} \\ \hline \end{array}\right\|$ | $0$ | $0$ | $0$ | O- | \|욱 | \|oㅁ | O- | O-1 | O- | O-1 | 욱 | O- | O- | O- | $\begin{array}{\|c\|} \hline-\mathrm{O} \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline-8 \\ \hline \end{array}$ | － | $\stackrel{-1}{-1}$ |
|  | $\left\|\begin{array}{l} 7 \\ \\ \\ \underset{\sim}{1} \end{array}\right\|$ | $\left\|\begin{array}{c} \hat{M} \\ \underset{\sim}{n} \\ \underset{\sim}{2} \end{array}\right\|$ |  | $\begin{aligned} & \infty \\ & \hline \\ & \underset{\sim}{3} \\ & 0 \end{aligned}$ | $\left\|\begin{array}{c} \tilde{m} \\ 0 \\ \underset{\sim}{\mathcal{H}} \end{array}\right\|$ | $\left\lvert\, \begin{gathered} 1 \\ 0 \\ \substack{1 \\ 0 \\ -1 \\ -1} \end{gathered}\right.$ | $\begin{aligned} & 1 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\left\|\begin{array}{c} 0 \\ 0 \\ 0 \\ j \\ j \end{array}\right\|$ | $\left\|\begin{array}{l} \substack{\infty \\ \infty \\ 0 \\ N} \end{array}\right\|$ | $\begin{array}{\|c\|} \hline 0 \\ \infty \\ \\ \end{array}$ | $\left\|\begin{array}{c} \underset{\sim}{7} \\ \underset{\sim}{2} \\ 0 \end{array}\right\|$ | $\left\|\begin{array}{l} \underset{O}{0} \\ 0 \\ 0 \\ -1 \end{array}\right\|$ | $\begin{array}{\|l\|} \hline \hat{0} \\ 6 \\ \sigma^{\prime} \end{array}$ | $\bigcirc$ | $\begin{array}{\|l\|} \hline \underset{N}{N} \\ \underset{N}{\prime} \end{array}$ | $\begin{array}{\|c\|} \hline m \\ 0 \\ m \\ m \end{array}$ | $\left\lvert\, \begin{gathered} 0 \\ 0 \\ \\ \underset{y}{2} \end{gathered}\right.$ | $\left\|\begin{array}{l} -1 \\ 0 \\ n_{n} \end{array}\right\|$ | $\begin{array}{\|l\|} \hline 0 \\ \infty \\ \\ \end{array}$ | $\left\|\begin{array}{c} -7 \\ 0 \\ i \\ n \end{array}\right\|$ | $\begin{array}{\|c\|} \hline \stackrel{n}{7} \\ \underset{\sim}{7} \end{array}$ | $\left.\begin{array}{\|l\|} \hline 0 \\ 0 \\ 0 \\ N \end{array} \right\rvert\,$ | $\left.\begin{gathered} N \\ n \\ m \\ n \end{gathered} \right\rvert\,$ | $\begin{array}{\|l\|} \hline 9 \\ \underset{\sim}{2} \\ \mathrm{~N} \end{array}$ | $\begin{array}{\|c\|} \hline \stackrel{n}{\underset{\sim}{2}} \\ \underset{n}{2} \end{array}$ | $\left\|\begin{array}{c} \stackrel{n}{\mathrm{~N}} \\ \underset{\sim}{2} \end{array}\right\|$ | $\begin{gathered} \overrightarrow{1} \\ \underset{\sim}{7} \\ \sigma^{2} \end{gathered}$ | $\begin{array}{\|l\|} \hline \stackrel{9}{n} \\ 0 \\ \text { N} \end{array}$ | $\left\|\begin{array}{c} \infty \\ \underset{\sim}{N} \\ m \end{array}\right\|$ | $\begin{aligned} & \hline 0 \\ & 7 \\ & \hline \end{aligned}$ | $\left.\begin{array}{\|l\|} \hline 0 \\ -1 \end{array} \right\rvert\,$ | $\bigcirc$ | $\bigcirc$ | $\left.\begin{aligned} & \underset{N}{N} \\ & \stackrel{n}{n} \end{aligned} \right\rvert\,$ | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{gathered} 7 \\ 0 \\ 0 \\ 0 \\ -1 \end{gathered}$ | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & 0 \\ & -1 \end{aligned}$ | $\begin{aligned} & \infty \\ & 0 \\ & 0 \\ & 0 \\ & \hline- \end{aligned}$ |  | $\begin{gathered} \underset{N}{0} \\ \underset{\sim}{N} \\ \underset{\sim}{2} \end{gathered}$ | $\left\|\begin{array}{l} -1 \\ 0 \\ \underset{0}{0} \\ 0 \end{array}\right\|$ | $\left\|\begin{array}{l} 0 \\ 0 \\ 0 \\ N \end{array}\right\|$ | $\left\|\begin{array}{c} 0 \\ \underset{子}{\underset{~}{7}} \end{array}\right\|$ | － |
|  | $\left.\begin{array}{\|l\|} \hline \stackrel{y}{0} \\ \mathrm{~N} \end{array} \right\rvert\,$ | $\left. \right\rvert\,$ | $\begin{aligned} & \mathrm{O} \\ & \mathrm{O} \\ & \mathrm{~N} \end{aligned}$ | $\begin{aligned} & \stackrel{\rightharpoonup}{\infty} \\ & \stackrel{\sim}{N} \end{aligned}$ | $\begin{array}{\|l\|} \hline \underset{\sim}{\infty} \\ \underset{N}{2} \end{array}$ | $\begin{aligned} & \mathrm{O} \\ & \text { ה } \end{aligned}$ | $\begin{array}{\|l\|} \hline \stackrel{\rightharpoonup}{\mathrm{N}} \end{array}$ | $$ | $\begin{array}{\|c\|} \hline \stackrel{3}{\lambda} \\ \underset{N}{2} \end{array}$ | $\left. \right\rvert\,$ | $\begin{aligned} & \mathrm{O} \\ & \underset{N}{\mathrm{~N}} \end{aligned}$ | $\left\|\begin{array}{l} \overrightarrow{7} \\ \vec{N} \end{array}\right\|$ | $\left\lvert\, \begin{aligned} & \underset{\sim}{n} \\ & \underset{N}{2} \end{aligned}\right.$ | $\left.\begin{array}{\|c\|} \hline \\ \underset{\sim}{N} \end{array} \right\rvert\,$ | $\left.\begin{array}{\|l\|} \underset{\sim}{\lambda} \end{array} \right\rvert\,$ | $\left.\begin{array}{\|c} \stackrel{n}{7} \\ \underset{\sim}{n} \end{array} \right\rvert\,$ | $\left\|\begin{array}{c} 0 \\ \underset{N}{N} \end{array}\right\|$ | $\begin{array}{\|l\|} \mathrm{N} \\ \mathrm{~N} \end{array}$ | $\left.\begin{aligned} & \infty \\ & \vec{\lambda} \end{aligned} \right\rvert\,$ | $\begin{aligned} & \overrightarrow{7} \\ & \underset{N}{\mathrm{~N}} \end{aligned}$ | $\begin{array}{\|c\|} \hline \stackrel{N}{1} \\ \text { N } \end{array}$ | $\left\lvert\, \begin{gathered} \underset{\sim}{n} \\ \underset{N}{2} \end{gathered}\right.$ |  | $\begin{array}{\|c\|} \underset{N}{N} \\ \underset{N}{2} \end{array}$ | $\begin{aligned} & \underset{\sim}{N} \\ & \underset{N}{ } \end{aligned}$ | $\left\lvert\, \begin{aligned} & \stackrel{n}{N} \\ & \underset{N}{N} \end{aligned}\right.$ | $\begin{array}{\|c} 0 \\ \underset{N}{N} \end{array}$ | $\left.\begin{array}{\|c\|} \hline \\ \underset{N}{N} \end{array} \right\rvert\,$ | $\left.\begin{aligned} & \infty \\ & \underset{N}{N} \end{aligned} \right\rvert\,$ | $\begin{aligned} & \stackrel{\rightharpoonup}{N} \\ & \underset{N}{N} \end{aligned}$ | $$ | $\begin{array}{\|c} \underset{\sim}{n} \\ \underset{N}{2} \end{array}$ | $\begin{aligned} & \underset{N}{N} \\ & \underset{N}{2} \end{aligned}$ | $\begin{array}{\|c\|} \hline \stackrel{y}{1} \\ \underset{N}{\prime} \end{array}$ | $\begin{aligned} & \vec{寸} \\ & \underset{\sim}{n} \end{aligned}$ | $\begin{aligned} & \underset{\sim}{N} \\ & \hline \end{aligned}$ | $\begin{array}{\|c\|} \stackrel{M}{\sim} \\ \underset{N}{2} \end{array}$ | $\begin{aligned} & \underset{N}{J} \end{aligned}$ | $\begin{aligned} & \mid \stackrel{\circ}{4} \\ & \underset{N}{2} \end{aligned}$ | $\begin{array}{\|c\|} \hline 0 \\ \underset{N}{N} \end{array}$ | $\left.\begin{array}{\|l\|} \hat{\sim} \\ \vec{N} \end{array} \right\rvert\,$ | $\begin{array}{\|l\|} \hline \infty \\ \underset{\sim}{N} \end{array}$ | $\begin{array}{\|l\|} \hline \stackrel{g}{寸} \\ \underset{N}{2} \end{array}$ | － |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1FBNE3BLOBDA90475 |  |  |  |  |  |  |  |  | 1FBNE3BL3BDA90471 |
| $\begin{array}{ll} \hline \frac{0}{0} & \frac{0}{0} \\ \frac{1}{0} & 0 \\ > & 0 \end{array}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{-}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\cdots$ | $\cdots$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{7}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{7}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{-}{7}$ | $\stackrel{n}{7}$ | $\stackrel{7}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{7}{7}$ | $\stackrel{7}{7}$ | $\stackrel{9}{7}$ | $\stackrel{7}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{7}{7}$ | $\stackrel{9}{7}$ | $\stackrel{9}{7}$ | $\stackrel{7}{7}$ | $\stackrel{9}{7}$ | $\stackrel{7}{7}$ | $\stackrel{\sim}{7}$ |
|  |  | $\begin{array}{\|c} \tilde{0} \\ 0 \\ \vdots \\ \underset{\sim}{x} \\ \vdots \\ 0 \\ \vdots \\ \vdots \\ 0 \\ 0 \\ \sim \\ \hline \end{array}$ |  |  |  |  | 7 <br>  <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 |  | $\widetilde{0}$ <br> $\widetilde{0}$ <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 |  |  |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \tilde{\widetilde{0}} \\ & \underset{\sim}{0} \\ & \underset{0}{0} \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & -7 \\ & \underset{\sim}{1} \\ & \hline \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0 <br> $\stackrel{0}{\overline{0}}$ <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 |  |
|  | $\stackrel{\circ}{0}$ | $\stackrel{-1}{1}$ | N | $\underset{\sim}{M}$ | $\begin{array}{\|c} \mathbf{N} \\ \text { Nen } \\ \hline \end{array}$ | $\begin{array}{\|c} \stackrel{4}{\mathrm{n}} \\ \hline \mathrm{M} \\ \hline \end{array}$ | $\begin{aligned} & 0 \\ & 0 \end{aligned}$ | $\begin{array}{\|c} \hat{n} \\ \mathrm{n} \end{array}$ | $\begin{array}{\|c} \infty \\ \stackrel{0}{\mathrm{M}} \\ \hline \end{array}$ | $\begin{array}{\|c} \hline 0 \\ \mathrm{n} \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline 0 \\ \hline 0 \\ \hline \end{array}$ | $\left.\begin{array}{\|c} -1 \\ 0 \\ 0 \end{array} \right\rvert\,$ | $\begin{array}{\|c\|} \substack{0 \\ \mathrm{e} \\ \hline} \end{array}$ | $\begin{array}{\|c} \underset{e}{e} \\ \hline \end{array}$ | $\begin{array}{\|c} \mathbf{y} \\ \text { en } \\ \hline \end{array}$ | $\begin{array}{\|l\|} \hline 0 \\ 0 \\ \mathrm{e} \\ \hline \end{array}$ | $\begin{array}{\|l\|} \hline 0 \\ \hline \\ \hline \end{array}$ | $\begin{array}{\|l\|} \hline \\ \hline \mathbf{e} \\ \hline \end{array}$ | $\begin{array}{\|l\|l} \infty \\ 0 \\ 0 \\ \hline \end{array}$ | $\begin{array}{\|l\|} \hline \\ \mathbf{e} \\ \hline \end{array}$ | $\begin{array}{\|c} \stackrel{\circ}{\mathrm{m}} \\ \hline \end{array}$ | $\begin{aligned} & -1 \\ & \mathrm{~m} \end{aligned}$ | $\begin{array}{\|c} \stackrel{N}{\mathrm{~N}} \\ \hline \end{array}$ | $\begin{aligned} & \stackrel{m}{m} \\ & \hline \end{aligned}$ | $\underset{\mathrm{M}}{\mathrm{~N}}$ | $\left\|\begin{array}{c} \mathrm{n} \\ \mathrm{~m} \end{array}\right\|$ | $\begin{aligned} & 0 \\ & \stackrel{0}{m} \\ & \hline \end{aligned}$ | $\begin{gathered} \mathrm{N} \\ \mathrm{~m} \end{gathered}$ | $\begin{aligned} & \infty \\ & \stackrel{\infty}{m} \end{aligned}$ | $\begin{gathered} \underset{\sim}{2} \\ \hline \end{gathered}$ | $\begin{array}{\|l\|} \hline 0 \\ \hline 0 \\ \hline \end{array}$ | － | $\begin{gathered} N \\ \infty \\ \hline \end{gathered}$ | $\begin{gathered} \infty \\ \infty \\ \hline \end{gathered}$ | － | $\begin{aligned} & \text { Ln } \\ & \text { M } \\ & \hline \end{aligned}$ | $\begin{aligned} & 0 \\ & 0 \\ & m \end{aligned}$ | Nom | $\begin{aligned} & \infty \\ & \infty \\ & \infty \end{aligned}$ | $\begin{aligned} & \circ \\ & 0 \\ & \hline \end{aligned}$ | 윽 | $\begin{aligned} & \underset{\sim}{7} \end{aligned}$ | N／ | M |


|  | $\stackrel{\infty}{\infty}$ |  | $\stackrel{\sim}{2}$ | $\stackrel{\sim}{2}$ | $\stackrel{\sim}{2}$ |  | $\stackrel{\sim}{2}$ | $\stackrel{\sim}{\sim}$ | $\stackrel{\sim}{2}$ | $\stackrel{\sim}{2}$ | $\stackrel{\sim}{8}$ | $\underbrace{2}_{0}$ | $\stackrel{\sim}{\infty}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ¢ | ¢ | ¢ | ¢ | ¢ | ¢ | ¢ | ¢ | ¢ | ¢ | ¢ | ¢ | ¢ |
|  | $\cdots$ | ~ | $\cdots$ | N | N | N | $\sim$ | N | N | $\cdots$ | $\stackrel{\square}{\square}$ | - | $\stackrel{\sim}{\square}$ |
|  | 앙 | 앙 | 응 | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ |  | $\bigcirc$ | 을 | $\bigcirc$ |  | - | $\bigcirc$ |
|  |  |  |  | 先 |  | $\left\lvert\, \begin{gathered} \infty \\ \infty \\ \underset{\sim}{\sim} \\ \underset{\sim}{2} \end{gathered}\right.$ |  |  |  | $\left\|\begin{array}{c} n \\ 0 \\ 0 \\ \sim \\ \sim \\ \sim \end{array}\right\|$ |  |  | N |
|  | 0 | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bullet$ | $\bigcirc$ | $\bigcirc$ | $\bullet$ | $\bigcirc$ | $\bullet$ | $\bigcirc$ | - 0 | $\bigcirc$ |
|  | $\bigcirc$ | - | 0 | 0 | - | - | 0 | 0 | - | - | - | - | $\bigcirc$ |
|  | $\bigcirc$ | - | 8 | $\bigcirc$ | O-1 | $\bigcirc$ | O | 8 | O-1 | $\bigcirc$ | - | 8 | O |
|  | $\left(\begin{array}{c} n \\ 0 \\ \underset{\sim}{n} \\ \text { N } \end{array}\right.$ | $\left\lvert\, \begin{gathered} \tilde{N} \\ \underset{\sim}{2} \\ - \end{gathered}\right.$ | $\underset{i}{f}$ |  | $\begin{gathered} \tilde{y} \\ \tilde{\sigma} \\ \sigma \end{gathered}$ | $\begin{array}{\|l\|} \hline 8 \\ 0 \\ \end{array}$ |  | $\underset{\sim}{c}$ | $\mathfrak{c}$ | $\begin{gathered} 0 \\ 0 \\ 0 \\ \infty \end{gathered}$ | $\begin{array}{l\|l\|l\|l\|l\|l\|l\|l\|l\|l\|l\|} \hline 0 \\ \hline \end{array}$ | $\begin{array}{l\|l} 0 & \ddots \\ 0 \\ 0 & 0 \\ \hline \end{array}$ | -2 |
|  | $\stackrel{\rightharpoonup}{\mathrm{N}}$ | N | $\begin{array}{\|c\|c\|c\|c\|} \stackrel{N}{\mathrm{~N}} \\ \hline \end{array}$ | $\underset{\sim}{\underset{\sim}{~}}$ | $\begin{array}{\|l\|l\|} \hline \stackrel{n}{N} \\ \hline \end{array}$ | $\begin{aligned} & 0 \\ & \stackrel{n}{n} \\ & \hline \end{aligned}$ | $\stackrel{\hat{N}}{\hat{N}}$ | $\stackrel{n}{n} \stackrel{0}{n}$ | $\stackrel{i}{2}$ | $0$ | $\begin{aligned} & \mathrm{O} \\ & \stackrel{\rightharpoonup}{n} \end{aligned}$ | $\underset{\mathrm{N}}{2} \underset{\sim}{\underset{N}{N}}$ | $\stackrel{N}{N}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \frac{0}{00} \\ & \frac{0}{0} \frac{0}{0} \\ & >0 \\ & \hline \end{aligned}$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\stackrel{9}{7}$ | $\cdots$ | 9 | $\cdots$ | $\stackrel{9}{7}$ | $\cdots$ | $\cdots$ | $\cdots$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | \% | - | - | $\stackrel{\rightharpoonup}{r} \underset{\sim}{i}$ | $\stackrel{\text { ¢ }}{\text { ¢ }}$ | $\stackrel{8}{9}$ | O | - | ¢ | \% | \% | 守 | \% |

Public Transportation Management System Owned Equipment I nventory
Agency/ Organization: Interity Transit Date: June 26, 2012
Equipment Code and Description
$\begin{array}{cc}\text { Condition } & \begin{array}{c}\text { Age } \\ \text { (points) }\end{array} \\ \text { (years) }\end{array}$
|

| 1. | Telephone System | 67 | 7 |
| :---: | :---: | :---: | :---: |
| 3. | CAD/AVL | 85 | 7 |
| 4. | Paratransit Dispatch Software | 85 | 7 |
| 5. | Mobile Digital Survellience System | 91 | 4 |
| 6. | Fuel Management System | 100 | 0 |
| 7. | Bus Wash Systems | 87 | 3 |
| 8. | Fixed Route Runcutting \& Scheduling Software | 70 | 8 |
| 9. | Inventory \& Accounting Software | 92 | 7 |
| 10. | Digital Voice Recording System | 40 | 7 |
| 11. |  |  |  |
| 12. |  |  |  |
| 13. |  |  |  |
| 14. |  |  |  |
| 15. |  |  |  |

Public Transportation Management System

Agency/ Organization: Intercity Transit
Date: June 26, 2012
Facility Name
Facility Code


## Appendix D

## Operating Data

## 2011 Summary of Fixed Route Services

|  | Headways |  |  |  |  | Revenue Service Hours |  |  | Revenue Service Miles |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weekday |  |  | Sat | Sun | Wkdy | Sat | Sun | Wkdy | Sat | Sun |
| Route | Peak | Mid | Night |  |  |  |  |  |  |  |  |
| 12-W. Tumwater | 30 | 60 | 60 | 60 | 60 | 6,532 | 738 | 641 | 90,931 | 10,158 | 9,007 |
| 13-E. Tumwater | 15 | 15 | 60 | 60 | 60 | 13,419 | 649 | 622 | 150,477 | 7,726 | 7,193 |
| 21-N. Bethel | 30 | 60 |  | 60 | 60 | 2,603 | 303 | 315 | 33,331 | 3,863 | 4,018 |
| 41-TESC | 15 | 30 | 30 | 30 | 30 | 10,230 | 1,571 | 1,257 | 130,471 | 19,901 | 15,957 |
| 42-Family Court | 25 | 25 |  |  |  | 1,536 |  |  | 16,128 |  |  |
| 43-SPSCC/Tumwater | 30 | 30 |  | 60 |  | 6,874 | 491 |  | 86,528 | 6,411 |  |
| 44-SPSCC/Westfield | 30 | 30 | 30 | 30 | 60 | 8,166 | 1,389 | 643 | 102,426 | 17,475 | 8,100 |
| 45-Conger/Westfield | 30 | 60 |  | 60 |  | 3,797 | 597 |  | 38,118 | 5,254 |  |
| 47-Westfield/CMC | 30 | 30 |  | 60 | 60 | 6,959 | 602 | 625 | 67,840 | 5,975 | 6,210 |
| 48-Westfield/TESC | 30 | 30 | 30 | 30 |  | 7,766 | 1,256 |  | 104,384 | 16,805 |  |
| 49-Westfield Mall |  |  |  |  | 30 | 39 | 67 | 612 | 458 | 688 | 6,334 |
| 60-Lilly/Panorama | 30 | 60 |  | 60 | 60 | 7,211 | 888 | 887 | 77,977 | 9,785 | 9,808 |
| 62A-Martin/Meridian | 30 | 30 | 60 | 30 | 60 | 11,085 | 1,565 | 975 | 135,117 | 19,487 | 13,273 |
| 62B-Martin/Meadows | 30 | 30 | 60 | 30 | 60 | 11,968 | 1,792 | 967 | 151,603 | 23,162 | 13,608 |
| 64-College/ Amtrak | 30 | 60 |  | 60 | 60 | 10,752 | 1,286 | 1,234 | 122,854 | 14,589 | 13,964 |
| 66-Ruddell | 30 | 30 | 60 | 30 | 30 | 12,032 | 2,074 | 1,922 | 153,651 | 26,538 | 24,295 |
| 67-Tri-Lakes | 60 | 60 |  | 60 |  | 3,435 | 559 |  | 52,224 | 8,637 |  |
| 68-Carpenter/Yelm Hwy | 30 | 60 |  | 60 | 60 | 10,152 | 1,228 | 1,164 | 159,720 | 18,925 | 17,934 |
| 94-Yelm | $\begin{array}{r} \hline 30 / \\ 60 \\ \hline \end{array}$ | $\begin{array}{r} \hline 30 / \\ 60 \\ \hline \end{array}$ |  | $\begin{gathered} \hline 60 / \\ 75 \\ \hline \end{gathered}$ | 135 | 11,290 | 1,248 | 695 | 209,428 | 25,515 | 14,310 |
| 101-Dash | $\begin{aligned} & \hline 12 / \\ & 15 \\ & \hline \end{aligned}$ | $\begin{gathered} \hline 12 / \\ 15 \\ \hline \end{gathered}$ |  | 10 |  | 7.132 | 412 |  | 58,626 | 2,995 |  |
| 411-Nightline |  |  | 60 | 60 | 60 | 126 | 126 | 99 | 1,734 | 1,734 | 1,336 |
| 603-Olympia/Tacoma | 30 | 90 |  |  |  | 8,438 |  |  | 201,232 |  |  |
| 605-Olympia/Tacoma | 30 | 90 |  |  |  | 3,589 |  |  | 85,929 |  |  |
| 612-Lacey/Tacoma | $\begin{array}{r} \hline 1 \mathrm{AM} / \\ 1 \mathrm{PM} \\ \hline \end{array}$ |  |  |  |  | 169 |  |  | 4,064 |  |  |
| 620-Oly/Tacoma Mall |  |  |  | $\begin{array}{r} \hline 60 / \\ 90 \\ \hline \end{array}$ | $\begin{gathered} \hline 60 / \\ 90 \\ \hline \end{gathered}$ |  | 1,137 | 1,134 |  | 28,254 | 28,193 |


| System Totals |  |  |  |  |  | 165,299 | 19,977 | 13,792 | $2,235,271$ | 273,875 |
| :--- | :--- | :--- | :--- | :--- | :--- | ---: | ---: | ---: | ---: | ---: |
| 2011 Totals |  |  |  |  |  | 199,068 |  |  |  |  |

## 2011 Route Service Summary

| Route | Total Boardings | Revenue Hours | Board / <br> Hour | Rating | Comments |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Trunk Routes |  |  |  |  |  |
| 13-E. Tumwater | 349,191 | 14,689 | 23.8 | Marginal |  |
| 41-TESC | 560,835 | 13,059 | 42.9 | Exceeds |  |
| 44-SPSCC/Westfield | 314,103 | 10,199 | 30.8 | Satisfactory |  |
| 48-Westfield/TESC | 356,729 | 9,022 | 39.5 | Exceeds | Runs weekday \& Saturday. |
| 49-Westfield Mall | 31,277 | 717 | 43.6 | Exceeds | Runs Sunday only. |
| 62A-Martin/Meridian | 378,214 | 13,625 | 27.8 | Satisfactory |  |
| 62B-Martin/Meadows | 359,951 | 14,727 | 24.4 | Marginal |  |
| 66-Ruddell | 331,421 | 16,027 | 20.7 | Marginal |  |
| Secondary Routes |  |  |  |  |  |
| 12-W. Tumwater | 115,536 | 7,911 | 14.6 | Marginal | Saturday productivity: 19.7 |
| 21-N. Bethel | 87,734 | 3,221 | 27.2 | Exceeds |  |
| 43-Barnes Blvd | 216,260 | 7,365 | 29.4 | Exceeds |  |
| 45-Conger/Westfield | 51,304 | 4,394 | 11.7 | Marginal |  |
| 47-Westfield/CMC | 194,663 | 8,186 | 23.8 | Satisfactory |  |
| 60-Lilly/Panorama | 134,012 | 8,985 | 14.9 | Marginal |  |
| 64-College/Amtrak | 223,512 | 13,272 | 16.8 | Satisfactory |  |
| 67-Tri Lake | 46,976 | 3,994 | 11.8 | Marginal | Improved. Was Unsatisfactory in 2010 [9.9] |
| 68-Carpenter/Boulevard | 215,409 | 12,544 | 17.2 | Satisfactory |  |
| 94-Yelm | 193,668 | 13,233 | 14.6 | Marginal |  |
| Specialized \& Shuttle Routes |  |  |  |  |  |
| 42-Family Court | 9,354 | 1,536 | 6.1 | Unsatisfactory | Runs weekdays during commuter hours and noon period. |
| 101-Dash | 113,472 | 7,543 | 15.0 | Satisfactory | >Slight improvement. Marginal [12.7]. <br> >Productivity: Legislative session 16.0, <br> Non-session 14.3, Saturday 16.1. |
| 411-Nightline | 14,090 | 352 | 40.0 | Exceeds | Runs Fri/Sat/Sun late night during TESC class quarters, by contract. |
| Express Routes |  | Per Trip |  |  |  |
| 603-Olympia/Tacoma | 116,897 | 8,438 | 19.3 | Satisfactory | Riders per Trip. Runs Weekdays only |
| 605-Olympia/Tacoma | 59,875 | 3,589 | 22.7 | Satisfactory | Riders per Trip. Runs Weekdays only |
| 612-Lacey/Tacoma | 2,127 | 169 | 16.6 | Satisfactory | Riders per Trip. Runs Weekdays only |
| 620-Oly/Tacoma Mall | 29,049 | 2,272 | 15.6 | Satisfactory | Riders per Trip. Runs Sat/Sun only |
| Express Total | 207,948 | 14,467 | 19.4 | Satisfactory | Pierce Transit ended service Oct 2011 |
| Fixed Route Totals | 4,505,329 | 199,068 | 22.6 | Change from 2010 Hours up 3.1\%, B | Boardings up 4.5\%, rdings per Hour up 1.5\%. |
| Other Intercity Transit Services |  |  |  |  |  |
| Dial-A-Lift Service | 149,278 |  |  | 1.54\% increase in boardings above 2010 |  |
| Vanpools | 683,062 | -- | -- | 7.71\% increase in boardings above 2010 |  |
|  |  |  |  |  |  |
| System Total | 5,337,669 |  |  | 4.76\% increase | ove 2010 of 5,095,122 boardings |


| Performance <br> Standard | Standard | Trunk | Primary | Secondary | Rural | Commuter | Express |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Riders per Hour |  |  |  |  | Riders per Trip |  |  |
|  | Exceeds standard | $>40$ | $>30$ | $>25$ | $>20$ | 25 or more | 25 or more |
|  | Satisfactory | $25-40$ | $20-30$ | $15-25$ | $12-20$ | 15.0 to 24.9 | 15.0 to 24.9 |
| Marginal | $20-24$ | $15-19$ | $10-14$ | $9-11$ | 10.0 to 14.9 | 10.0 to 14.9 |  |
| Unsatisfactory | $<20$ | $<15$ | $<10$ | $<9$ | Less than 10 | Less than 10 |  |


| Route | High <br> Load ${ }^{*}$ | Interlined Routes | Vehicle <br> Assigned | Comments |
| :---: | :---: | :---: | :---: | :---: |
| Trunk Routes |  |  |  |  |
| 13-E. Tumwater | 57 | 12, 41, 45, 66 | Large Bus | Runs Mon-Sun. |
| 41-TESC | 88 | 13 | Large Bus | Runs Mon-Sun. |
| 44-SPSCC/Westfield | 63 | 62A, 62B | Large Bus | Runs Mon-Sun. |
| 48-Westfield/TESC | 72 | 66,94 | Large Bus | Runs Mon-Sat. |
| 49-Westfield Mall | 55 | 66 | Large Bus | Runs Sunday. |
| 62A-Martin/Meridian | 70 | 43, 44 | Large Bus | Runs Mon-Sun. |
| 62B-Martin/Meadows | 59 | 43, 44 | Large Bus | Runs Mon-Sun. |
| 66-Ruddell Road | 45 | 13, 48, 49 | Large Bus | Runs Mon-Sun. |
| Secondary Routes |  |  |  |  |
| 12-W. Tumwater | 42 | 13, 45, 64 | Medium Bus | Runs Mon-Sun. |
| 21-N. Bethel | 54 | 47, 60 | Small Bus | Runs Mon-Sun. |
| 43-SPSCC/Barnes | 89 | 62A, 62B | Large Bus | Runs Mon-Sat. |
| 45-Conger/Westfield | 40 | 12,13 | Medium Bus | Runs Mon-Sat. |
| 47-Westfield/CMC | 45 | 21, 60, 68 | Medium Bus | Runs Mon-Sun. |
| 60-Lilly/Panorama | 38 | 21, 47 | Small Bus | Runs Mon-Sun. |
| 64-College/Amtrak | 44 | 12, 13 | Medium Bus | Runs Mon-Sun. |
| 67-Tri Lake | 43 | None | Small Bus | Runs Mon-Sat. |
| 68-Carpenter/Boulevard | 49 | 47 | Medium Bus | Runs Mon-Sun. |
| 94-Yelm | 54 | 48 | Large Bus | Runs Mon-Sun. |
| Specialized \& Shuttle Routes |  |  |  |  |
| 42-Family Court | 18 | None | Small Bus | Runs weekdays during commute hours and noon period. |
| 101-Dash | 50 | None | Small Bus | Weekdays: Runs all year. Saturdays: Runs Apr-Sep. |
| 411-Nightline | 75 | None | Large Bus | Runs Fri/Sat/Sun late night during TESC quarters, by contract. |
| Express Routes |  |  |  |  |
| 603-Olympia/Tacoma | 79 | 605 | Large Bus | Runs weekdays only. |
| 605-Olympia/Tacoma | 70 | 603,612 | Large Bus |  |
| 612-Lacey/Tacoma | 43 | 605 | Large Bus |  |
| 620-Oly/Tacoma Mall | 61 | None | Large Bus | Runs weekends only. |

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# INTERCITY TRANSIT CITIZEN ADVISORY COMMITTEE <br> AGENDA ITEM NO. VI-C <br> MEETING DATE: July 16, 2012 

FOR: Citizen Advisory Committee
FROM: Mike Harbour, ext. 5855
SUBJECT: 2013 Fare Increase

1) The Issue: Should staff undertake the public process required to implement a fare increase on January 1, 2013?
2) Recommended Action: Provide direction to the Authority on whether staff should begin the required public involvement process to implement a fare increase in January 2013.
3) Policy Analysis: The Authority must approve any increase in fares.
4) Background: Intercity Transit's fare policy calls for a review of fares every three years with adjustments based on inflation. The policy also calls for fares to be increased in $\$ .25$ increments to simplify fare handling.

Fares were last increased in January 2009, with the base fare being increased from $\$ .75$ to $\$ 1.00$. One of the key reasons for this fare increase was the sharp increase in fuel prices that occurred in mid and late 2008. Fuel prices increased sharply in early 2012 but have fallen in recent weeks. Inflation has been low since 2009. A fare increase of $\$ .25$ and proportional increases to monthly passes and other fares would generate approximately $\$ 650,000$ per year if no ridership loss occurred. However, increases in contracted fares would have to be phased in, and there would likely be some ridership loss in moving from the $\$ 1.00$ base fare. A revenue increase of approximately $\$ 500,000$ per year is a more realistic expectation.

The following fare table shows one possibility for a new fare structure. The table shows the current fare followed by the proposed fare for each fare type and fare instrument.

| Category | Per Ride | Daily | Monthly |
| :---: | :---: | :---: | :---: |
| Adult | $\$ 1.00 / \$ 1.25$ | $\$ 2.00 / \$ 2.50$ | $\$ 30.00 / \$ 36.00$ |
| Youth (6-17) | $\$ 1.00 / \$ 1.25$ | $\$ 2.00 / \$ 2.50$ | $\$ 15.00 / \$ 18.00$ |
| Reduced | $\$ .50 / \$ .60$ | $\$ 1.00 / \$ 1.25$ | $\$ 15.00 / \$ 18.00$ |
| Dial-A-Lift | $\$ 1.00 / \$ 1.25$ | $\$ 2.00 / \$ 2.50$ | $\$ 15.00 / \$ 18.00$ |

If the Authority directs, staff will begin the public process to implement a fare increase effective January 1, 2013. This will include a formal public hearing. The Authority will be asked to make the final decision on a fare increase at the November Authority meeting.
5) Alternatives: The Authority may direct staff to initiate a public process to implement a fare increase January 1, 2013, or may table action until a later date. Tabling the issue will delay the date at which a fare increase may be implemented.
6) Budget Notes: There are advertising and staff time costs associated with completing the public process to implement a fare increase. A fare increase could significantly increase future year revenues. The current Strategic Plan Financial model does not assume a fare increase.
7) Goal Reference: This agenda item addresses two goals, Goal 1: "Assess the transportation needs of our community." Goal 4: "Provide responsive transportation options."
8) References: N/A

# INTERCITY TRANSIT CITIZEN ADVISORY COMMITTEE <br> AGENDA ITEM NO. VI-D <br> MEETING DATE: July 16, 2012 

## FOR: Citizen Advisory Committee

FROM: Mike Harbour, ext. 5855

SUBJECT: 2013-2018 Strategic Plan - Major Issues

1) The Issue: To provide the Citizen Advisory Committee an update on the 20122017 Strategic Plan and to begin discussion of the 2013-2018 Strategic Plan.
2) Recommended Action: This is an information item for discussion purposes.
3) Policy Analysis: The Strategic Plan is Intercity Transit's primary policy document and Authority direction determines the level of resources and priorities devoted to specific services and projects. The first year of the Strategic Plan provides specific direction to the next year's budget by setting an expenditure ceiling, a capital program and a desired service level.
4) Background: Staff will forward a working paper to the Citizen Advisory Committee prior to the meeting outlining the issues identified in the 2012-2017 Strategic Plan and actions taken in 2012 or planned in the remainder of 2012. This document is meant to start the discussion on issues to be addressed in the 2013-2018 Strategic Plan and on whether the format for the Strategic Plan should be changed. The current 2012-2017 Strategic Plan can be found on our website: http://www.intercitytransit.com/SiteCollectionDocuments/strategic\ plan\% 20final\% 202012-2017.pdf
5) Alternatives: N/A
6) Budget Notes. The Strategic Plan provides the basis for the development of the annual budget. Costs associated with developing the plan are minimal.
7) Goal Reference: The Strategic Plan specifies how resources will be allocated to address all of the Authority goals.
8) References: 2013-2018 Strategic Plan Working Paper \#1: Strategic Plan Review and Issue Identification will be forwarded prior to the meeting.

# INTERCITY TRANSIT <br> CITIZEN ADVISORY COMMITTEE <br> AGENDA ITEM NO. VI-E <br> MEETING DATE: June 18, 2012 

FOR: Citizen Advisory Committee
FROM: Rhodetta Seward, (705-5856)

SUBJECT: CAC Self Assessment Results

1) The Issue: The Citizen Advisory Committee will discuss the results of their recently completed self-assessment.
2) Recommended Action: Discuss results of the assessment; prepare to share the information with the Authority at a future joint meeting.
3) Policy Analysis: Per the Operating Principles, the Citizen Advisory Committee will conduct a self evaluation (assessment) at least annually and present the results to the Transit Authority.
4) Background: Nineteen members were eligible to complete the assessment everyone completed the assessment for $100 \%$ participation.

The results and comments are included on the attached document.

Members will have opportunity at the meeting to seek clarification, identify areas of both strength and areas of opportunity. If the CAC identifies areas needing further work, staff will work with the Chair to schedule time for further discussion.
5) Alternatives: $\mathrm{N} / \mathrm{A}$
6) Budget Notes: N/A
7) Goal References: The CAC works with the Authority to meet all goals of Intercity Transit.
8) References: 2012 CAC Self-Assessment Results

# INTERCITY TRANSIT <br> CITIZEN ADVISORY COMMITTEE SELF ASSESSMENT <br> MAY 2012 

Total Members Eligible to Participate: 19 | Members Participating in Survey: $100 \%$ |
| :---: |
| of Participation: |

2011 Results posted in blue.

|  | Strongly Agree | Somewhat Agree | Somewhat Disagree | Strongly <br> Disagree | Don't <br> Know |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1. We remained faithful to our purpose. | $\begin{array}{ll} \hline 19 & 100 \% \\ 13 & 87 \% \end{array}$ | 2 13\% |  |  |  |

Comments: As I complete my third year on the CAC, I am confident in stating the committee is very clear on what their purpose is and remain consistently faithful to that purpose. Yes, I think we took seriously our job of providing input to the Authority on proposals, and in providing new ideas. We also worked to listen to input we heard from the community and to bring that into discussions. We take the pulse of our community, thus allowing us that serve to help shape the thinking and positions of "Intercity Transit." As a newcomer, I am pleasantly surprised the CAC still remains very engaged - generally advisory committees lose their zest, interest or purpose after a number of years. As far as I can see, the members stick to the CAC's purpose and goals, even during the occasional roaming and rabbit trails we get lost on. And staff helps keep us on course. The purpose of Intercity Transit's CAC is for the Authority board to have a stronger grasp on consumer issues. We were actively informed and aware of what changes were being made within I.T. I think we do a good job of giving our opinions on various issues to the ITA. I believe this is our main purpose for existing.

| Strongly | Somewhat | Somewhat | Strongly | Don't |
| :---: | :---: | :---: | :---: | :---: |
| Agree | Agree | Disagree | Disagree | Know |


| 2. The Citizen Advisory Committee | $\mathbf{1 4}$ | $74 \%$ | 5 | $26 \%$ |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| represents the community. | 12 | $80 \%$ | 3 | $20 \%$ |  |  |  |

Comments: Youth, minorities, citizens with disabilities, and gender distribution seems to be strongly proportional to local demographics. We have a great mix. Members from all part of I.T.'s service area, at least locally are all diverse and depend upon mass transit for transportation. CAC appears to be representative of the community. I am not sure of the demographics to "strongly agree." In any case, we do have a good cross-section of age, gender, ethnicity. Not sure about economic status - but possible. This is why we exist. Even more so than previously with the student representative. I have a hard time strongly agreeing with this comment, but I do think we have a diverse mix of community residents on our board that represent a variety of transit users. Perhaps it's the lack of formal community outreach that keeps me from feeling more strongly. It would be great to have a regular vanpool or village vans user on the committee as well, if such applicants were to arise. The addition of the youth member(s) was healthy for our discussions. I do believe that the diversity of our community is very well represented on our committee. Hopefully, we will have a couple of determined youth that will step forward to keep that diversity present. It would also be nice to get a senior on board. I feel so uncomfortable using an inexact and undefinable term like "community" to describe who is or is not represented on the CAC. While it does represent some places both inside the PTBA and adjacent geographic areas, the question might better ask whether Thurston County is well represented, if, for example, that could describe the largest possible area IT would serve. Knowing this is as precise a way as possible allows for flexible thinking, flexible solutions. We have many community groups and interest represented; I believe the people on the CAC speak up for them when it is needed.

## 3. Intercity Transit and the community benefited from our input.

| 16 | $\mathbf{8 4 \%} \%$ | $\mathbf{2}$ | $\mathbf{1 1 \%}$ |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 10 | $67 \%$ | 5 | $33 \%$ |  | $\mathbf{1}$ | $\mathbf{5 \%}$ |
|  |  |  |  |  |  |  |

Comments: I believe they do benefit, though at times we are like silent warriors on their behalf. Yes, I do think our input benefited Intercity Transit and the community, if only in assisting the Authority in making more informed and thought out decisions. These could be for internal operations, or for community focused services, so both benefited. We also had our own ideas we value as contributions to improving service and resolving problems. The riders and community at large are positively impacted by input. We are the voice of the community in this regard. I did not see any impact from my time on the CAC manifest into something I could see or use. As an easier access point to an agency serving the people, by the people, the CAC enables a variety of citizens to engage in sharing opinions, ideas and various perspectives while contributing to the continued success and constant improvement of intercity Transit. I hope they have. I believe we have thoughtful comments that enhance most discussions, and I think what we have to say has value most of the time.

| 4. We add value to the Transit | 13 | $68 \%$ | 6 | $32 \%$ |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 10 | $67 \%$ | 4 | $27 \%$ |  |  | 1 |
| Authority's decisions. |  |  |  |  |  |  |

Comments: While I certainly believe we maintain a sense of influence and are well-respected by the Transit Authority, I believe if members of the CAC and the Authority met in a large group setting more frequently, the Authority would further benefit from our input. Of course, this is a bit idealistic, but if lines of communication were simply made more convenient between the CAC and the ITA, our voice would go a bit further in aiding the Authority. Sometimes, it can be a little fuzzy as to how our discussions and opinions impact policy as only one CAC member generally attends Authority work sessions and meetings, and vice versa in regards to CAC meeting attendance by members of the Authority. Without the CAC, the Authority Board would be acting without a voice of the consumer close to guide decisions. Our diversity adds to the Transit Authority's considerations. When decisions are difficult, I am sure the Authority appreciates the feedback and input from a group of concerned citizens. And we certainly do give ample feedback. Not only am I sure we add value, but the Authority also shares their appreciation often. I believe they think so. We asked them this earlier this year, and they said they take what the CAC thinks very seriously. That is good! Strongly agree, as we are additional eyes and brains for consideration of issues before the Authority. We also contribute ideas that can lead to Authority action. Doing more to foster community input could further add value.

| Strongly <br> Agree | Somewhat <br> Agree | Somewhat <br> Disagree | Strongly <br> Disagree |
| :---: | :---: | :---: | :---: | | Don't |
| :---: |
| Know |

## 5. Our meetings are run well.

| 18 | $95 \%$ | $\mathbf{1}$ | $5 \%$ |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 11 | $73 \%$ | 4 | $27 \%$ |  |  |  |

We follow our agenda and stay on task most of the time. Occasionally we get off on a tangent or a personal issue that probably doesn't need to take the time it has, but for the most part, we stay on track. We have problems staying on time, but we're getting better. Yes, we get a lot done in just a couple of hours. Only possible when a meeting is well run! Yes, our chair and vice-chair, along with Rhodetta do well in keeping us on task and in encouraging comments. I think that adding the agenda items near the beginning of the meeting for concerns/issues to be shared later was a positive addition to how the meetings are run, so we can be sure to save enough time. Thought there was more idle chatter and side conversations than in the past, which seemed to make meetings longer than needed. I think that the May meeting provided a good clue that we add to the Authority's information - not necessarily decisions. In the discussion of the Train Station, I believe the CAC provided not only a number of alternatives, but in depth details of exploring them. Thanks Steve and Faith. Meetings run a little long sometimes but that just means we are getting a lot done. I appreciate our professional leadership. Having time allotted for points of group discussion helps hold the group accountable for having productive meetings.

| 6. I feel satisfied with my <br> participation level within the <br> Citizen Advisory Committee. | $\mathbf{1 3}$ | $\mathbf{6 8 \%}$ | $\mathbf{5}$ | $\mathbf{2 6 \%}$ | $\mathbf{1}$ | $\mathbf{5 \%}$ |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Comments: Without a doubt, I feel $100 \%$ satisfied with my participation level in meetings, and enjoyed being on an ad hoc committee earlier in the year, but if there was perhaps more access points to be able to step up easier and contribute even more (Educational Outreach project IT has, etc.), I.T. would benefit further from members of the CAC. Personal barriers are all that have led to my participation level. I feel I have not contributed much during my time as a CAC member, but that might just be because no issues of strong importance to the youth community have arisen besides outreach. I probably need to get out more and discuss IT's services with a lot of people. For example, while I attended the Transportation Fair at my office building today, and it was very busy, I did not use the opportunity to engage my colleagues. Yes, I feel I have the opportunity to contribute to each discussion and can those contributions becoming part of the discussion informing the Authority. I feel good about my participation and always appreciate the process. It allows for everyone to have their opportunity to speak and be heard. Our comments are always welcome; I have never felt like I cannot contribute.

|  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 7. I am prepared for the meetings. | 10 | $53 \%$ | $\mathbf{9}$ | $\mathbf{4 7 \%}$ |  |
|  | 71 | $73 \%$ | 4 | $27 \%$ |  |

Comments: I read the packet ahead of time. Thanks for sending it early enough for us to review it. Staff continues to provide materials and are amazing in the level of detailed information they provide to us. I usually read the material on the day of . . Yep, My packet arrives consistently on time, giving me ample time to review and be ready for our meetings. Yes, I am diligent in doing my homework. Thanks Rhodetta! Packets are on time and complete. I regularly read all materials sent to me before the meeting. Great job with the digital packets! Sidewalk access to the facility is problematic from Martin Way, and a crosswalk is needed, not only for members of the CAC or ITA, but for anyone from the public who may wish to participate in our discussions. Review sheets of items to be discussed in packets are excellent!

| Strongly | Somewhat <br> Agree | Somewhat <br> Agree | Strongly <br> Disagree | Don't <br> Disagree |
| :---: | :---: | :---: | :---: | :---: |
| Know |  |  |  |  |


| 8. I feel comfortable contributing at <br> the meetings. | $\mathbf{1 7}$ | $89 \%$ | $\mathbf{1}$ | $5 \%$ |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 14 | $93 \%$ | 1 | $7 \%$ |  |  | $\mathbf{1}$ | $5 \%$ |

Comments: I'm never afraid to share my thoughts, ask questions when I'm unclear about something, or admit I want just ONE more cupcake. The addition of Consumer Issues to each agenda encourages more participation by all of us. Nothing of strong importance has been brought to my attention. Always. Much more so than I did two years ago. I'm looking forward to my final year as Chair and serving on the Intercity Transit CAC. Everyone is equally invited to share their opinion. I don't unless I have something to say!

Are there any topics, specific to Intercity Transit services, you are interested in discussing, getting further clarification on, or having presentations made available at CAC monthly meetings? If so, please share below:

My primary concern, as a Youth Representative is ticket prices. I want to ensure that the bus remains an accessible resource to everyone my age, as the bus is my, and most youths, primary mode of transportation.

Presentations of our web site, Facebook page and Apps; so we can understand what transit tools consumers are using and how we can help riders locate any IT resource more efficiently.

I have experienced excellent trip assistance, cross counties, from just calling IT customer service. Are there other services available? Maybe have a refresher of resources available to customers every couple of years for the CAC "Where to find the Information on IT, First." (possible social media brochure title)

Nothing at this time!

Name: $\qquad$
(Please include your name so staff will know who has completed the form. Thank you.)

## Attendance Tracking

| CAC | Members | Dec-11 | Jan-12 | Feb-12 | Mar-12 | Apr-12 | May-12 | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Steve | Abernathy | Canceled |  |  |  |  |  |  |  |  |  |  |
| Dani | Burger |  |  |  |  |  |  |  |  |  |  |  |
| Wilfred | Collins | Canceled |  |  |  |  |  |  |  |  |  |  |
| Valerie | Elliott | Canceled |  |  |  |  |  |  |  |  |  |  |
| Sreenath | Gangula | Canceled |  |  |  |  |  |  |  |  |  |  |
| Jill | Geyen | Canceled |  | Absent |  |  |  |  |  |  |  |  |
| Catherine | Golding | Canceled |  |  |  |  | Absent | Absent |  |  |  |  |
| Roberta | Gray | Canceled |  |  |  |  |  |  |  |  |  |  |
| Faith | Hagenhofer | Canceled |  |  |  | Absent |  |  |  |  |  |  |
| Meta | Hogan | Canceled | Absent |  |  |  |  | Absent |  |  |  |  |
| Julie | Hustoft | Canceled | Absent |  |  |  | Absent |  |  |  |  |  |
| Don | Melnick | Canceled | Absent |  |  |  |  |  |  |  |  |  |
| Joan | O'Connell | Canceled |  |  | Absent |  |  |  |  |  |  |  |
| Mackenzie | Platt |  |  |  |  |  |  |  |  |  |  |  |
| Charles | Richardson | Canceled | Absent |  |  |  |  |  |  |  |  |  |
| Carl | See | Canceled |  |  |  |  |  |  |  |  |  |  |
| Kahlil | Sibree | Canceled | Absent |  | Absent |  | Absent |  |  |  |  |  |
| Midge | Welter |  |  |  |  |  |  |  |  |  |  |  |
| Michael | Van Gelder | Canceled |  |  |  |  |  |  |  |  |  |  |


| Rob | Workman | Canceled | Absent |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


[^0]:    * High load numbers derived from APC data.

