



**MODIFICA DE FORMA TRANSITORIA EL PROGRAMA DE OPERACIÓN PARA ESTACIONALIDAD NORMAL, ESTABLECE PUNTOS DE CONTROL Y LISTA DE PASADAS PROGRAMADAS DE LA UNIDAD DE NEGOCIOS "UN 01" DEL PERÍMETRO DE EXCLUSIÓN DEL GRAN VALPARAÍSO**

**VISTOS:**

Los artículos 6 y 7 de la Constitución Política de la República; el Decreto con Fuerza de Ley N° 279 de 1960, del Ministerio de Hacienda; el Decreto Ley N° 557 de 1974, que crea el Ministerio de Transportes; la ley N° 18.696, que modifica artículo 6° de la ley N° 18.502, que autoriza importación de vehículos que señala y establece normas sobre transporte de pasajeros, del Ministerio de Hacienda, N° 19.040, que establece normas para adquisición por el fisco de vehículos que indica y otras disposiciones relativas a la locomoción colectiva de pasajeros, del Ministerio de Transportes y Telecomunicaciones, N° 18.059, que asigna al Ministerio de Transportes y Telecomunicaciones el carácter de organismo rector nacional del tránsito y N° 20.378, que crea un subsidio nacional para el transporte público remunerado de pasajeros; el Decreto Supremo N° 212 de 1992, del Ministerio de Transportes y Telecomunicaciones, Subsecretaría de Transportes, que establece el Reglamento de los servicios nacionales de transporte público de pasajeros; las Resoluciones Exentas N° 130, de 2014, N° 1247 y N° 4108, todas del 2015, del Ministerio de Transportes y Telecomunicaciones; la Resolución Exenta N° 1888 de 2018, la Resolución Exenta N° 1745 de 2019 y sus modificaciones por las Resoluciones Exentas N° 794/2020, N° 1781/2020 y N° 2467/2020, todas del Ministerio de Transportes y Telecomunicaciones; la Resolución Exenta N° 448 del año 2020 del Ministerio de Salud y sus modificaciones; la Resolución Exenta N° 742 del año de 2020 de la Secretaría Regional Ministerial de Transportes y Telecomunicaciones de la Región de Valparaíso; los Decretos N° 104, N° 269, N° 400 y N° 646 del año 2020, todas del Ministerio del Interior y Seguridad Pública; las Instrucciones de la autoridad sanitaria en el Plan Paso a Paso; las Resoluciones N°s 7 de 2019 y 16 de 2020, ambas de la Contraloría General de la República; y las demás normas aplicables a la materia.

**CONSIDERANDO:**

1. Que, conforme las atribuciones que otorga la ley N° 18.696, en su artículo 3°, el Ministerio de Transportes y Telecomunicaciones se encuentra facultado para establecer las medidas tendientes a alcanzar la meta de ordenar y regular los servicios de Transporte público remunerado, y dentro de las herramientas que existen, se encuentra el Perímetro de Exclusión.

2. Que, a través de la Resolución Exenta N° 1745 de 19 de junio de 2019, y sus modificaciones, el Ministerio de Transportes y Telecomunicaciones, aprobó las Condiciones de Operación, Requisitos y Otras Exigencias que Expone de Perímetro de Exclusión de la ley N° 18.696 Establecida en Gran Valparaíso.

3. Que, mediante la declaración pública entregada por el Ministro de Salud, donde informo que a partir del día 13 de Octubre de 2020 las comunas de Valparaíso y Viña del Mar avanzaron al paso 2, de las Etapas del Plan "Paso a Paso". Lo que provocó un aumento la movilidad de las personas específicamente en los días laborales, lo cual tuvo como consecuencia un aumento en las frecuencias exigidas a la Empresa de Transporte FENUR S.A. UN 01.

4. Que, con fecha 02 de noviembre de 2020, se informó por parte del Ministerio de Salud que las comunas de Valparaíso y Viña del Mar, avanza desde el paso 2 "Transición" a paso 3 "Preparación", lo que trajo como consecuencia la apertura de comercio y otras actividades no esenciales durante toda la semana, aumentando la movilidad de las personas no solo en días laborales, sino que también los fines de semana, lo cual generó un incremento de los viajes realizados en transporte público.

5. Que, con fecha 21 de diciembre de 2020, se informó por parte del Ministerio de Salud que a partir del 23 de diciembre de 2020 las comunas de Valparaíso, Viña del Mar y Concón, retroceden desde el paso 3 "Preparación" a paso 2 "Transición", lo que trajo como consecuencia el cierre del comercio y otras actividades no esenciales los fines de semana, generando una disminución en los viajes realizados en transporte público.

6. Que, con fecha 02 de enero de 2021, se informó por parte del Ministerio de Salud que a partir del 04 de enero de 2021 las comunas de Villa Alemana y Quilpué, retroceden desde el paso 3 "Preparación" a paso 2 "Transición", lo que trajo como consecuencia el cierre del comercio y otras actividades no esenciales los fines de semana, lo cual generó una disminución en los viajes realizados en transporte público.

7. Que, con fecha 08 de febrero de 2021, se informó por parte del Ministerio de Salud que a partir del 11 de febrero de 2021 las comunas de Villa Alemana, Quilpué y Concón, avanzan desde el paso 2 "Transición" a paso 3 "Preparación", lo que trajo como consecuencia la apertura del comercio y otras actividades no esenciales durante toda la semana, aumentando la movilidad de las personas no solo en días laborales, sino que también los fines de semana, lo cual generó un incremento de los viajes realizados en transporte público

8. Que, con fecha 22 de febrero de 2021, se anunció por parte del Ministerio de Salud que, a partir del 25 de febrero 2021 se modifica el horario del toque de queda, iniciando a las 23:00 hrs. en todo el país, lo que extiende el horario de desplazamiento de las personas. Todo lo anterior hace necesario modificar las frecuencias actuales con el fin de que el transporte público se ajuste a la demanda, lo anterior velando por la eficiencia del sistema.

9. Que, teniendo presente lo establecido en el punto 3.2.5. de la Resolución Exenta 1745 del año 2019 del Ministerio de Transportes y Telecomunicaciones y sus modificaciones citada en el considerando 2, la Secretaria Regional Ministerial de Transportes y Telecomunicaciones podrá modificar transitoriamente el programa de operación establecido, lo anterior en base a eventos de extraordinaria o especial ocurrencia, como los expuesto en los considerandos anteriores, por lo que no es posible implementar el Programa Operacional para el Periodo Normal para la UN 01 a cargo de Empresa Transportes FENUR S.A., siendo necesaria la implementación de un Programa Operacional Transitorio.

RESUELVO:

**1. ESTABLÉCESE**, para la Unidad de Negocio UN 01, inscrita bajo el folio N° 401001 del Registro Nacional de Transporte Público de Pasajeros, transitoriamente el programa operacional para la Estacionalidad Normal el cual tendrá vigencia desde el 1 de Marzo de 2021 hasta el 31 de Agosto de 2021, quedando de la siguiente forma:

A. DE LOS TRAZADOS

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| DETALLE DE TRAZADO |                          |               |
|--------------------|--------------------------|---------------|
| Nro                | CALLE                    | COMUNA        |
| 1                  | RIQUELME                 | Villa Alemana |
| 2                  | SARGENTO ALDEA           | Villa Alemana |
| 3                  | BERLIN                   | Villa Alemana |
| 4                  | LAS AMERICAS             | Villa Alemana |
| 5                  | FABRES                   | Villa Alemana |
| 6                  | CARLOS GRUNNE            | Quilpué       |
| 7                  | LOS CEREZOS              | Quilpué       |
| 8                  | LAS HIGUERAS             | Quilpué       |
| 9                  | LEUCOTON                 | Quilpué       |
| 10                 | UNION                    | Quilpué       |
| 11                 | FRUTILLAR                | Quilpué       |
| 12                 | LINCOYAN                 | Quilpué       |
| 13                 | OROMPELLO                | Quilpué       |
| 14                 | OSMAN PEREZ FREIRE       | Quilpué       |
| 15                 | FRUTILLAR                | Quilpué       |
| 16                 | AV. EL BELLOTO           | Quilpué       |
| 17                 | MATEO DE TORO Y ZAMBRANO | Quilpué       |
| 18                 | AV. EL TRABAJADOR        | Quilpué       |
| 19                 | AV. INDUSTRIAL           | Quilpué       |
| 20                 | BADEN POWELL             | Quilpué       |
| 21                 | AV. FREIRE               | Quilpué       |
| 22                 | AV. DIEGO PORTALES       | Quilpué       |
| 23                 | AV. LOS CARRERA          | Quilpué       |
| 24                 | TRONCAL                  | Quilpué       |
| 25                 | AV. 1 NORTE              | Viña del Mar  |
| 26                 | PUENTE CASINO            | Viña del Mar  |
| 27                 | AV. LA MARINA            | Viña del Mar  |
| 28                 | AV. ESCUADRA LIBERTADORA | Viña del Mar  |
| 29                 | AV. ESPAÑA               | Valparaíso    |
| 30                 | AV. ERRAZURIZ            | Valparaíso    |
| 31                 | PLAZA WHEELRIGHT         | Valparaíso    |

- Regreso

| DETALLE DE TRAZADO |                          |               |
|--------------------|--------------------------|---------------|
| Nro                | CALLE                    | COMUNA        |
| 1                  | PLAZA WHEELRIGHT         | Valparaíso    |
| 2                  | AV. ERRAZURIZ            | Valparaíso    |
| 3                  | AV. BRASIL NORTE         | Valparaíso    |
| 4                  | AV. ESPAÑA               | Valparaíso    |
| 5                  | AV. LA MARINA            | Viña del Mar  |
| 6                  | PUENTE ECUADOR           | Viña del Mar  |
| 7                  | AV. 1 NORTE              | Viña del Mar  |
| 8                  | TRONCAL                  | Quilpué       |
| 9                  | AV. LOS CARRERA          | Quilpué       |
| 10                 | AV. FREIRE               | Quilpué       |
| 11                 | BADEN POWELL             | Quilpué       |
| 12                 | AV. INDUSTRIAL           | Quilpué       |
| 13                 | AV. EL TRABAJADOR        | Quilpué       |
| 14                 | MATEO DE TORO Y ZAMBRANO | Quilpué       |
| 15                 | AV. EL BELLOTO           | Quilpué       |
| 16                 | FRUTILLAR                | Quilpué       |
| 17                 | OSMAN PEREZ FREIRE       | Quilpué       |
| 18                 | OROMPELLO                | Quilpué       |
| 19                 | LINCOYAN                 | Quilpué       |
| 20                 | FRUTILLAR                | Quilpué       |
| 21                 | UNION                    | Quilpué       |
| 22                 | LEUCOTON                 | Quilpué       |
| 23                 | LAS HIGUERAS             | Quilpué       |
| 24                 | LOS KIWIS                | Quilpué       |
| 25                 | CARLOS GRUNNE            | Quilpué       |
| 26                 | FABRES                   | Villa Alemana |
| 27                 | LAS AMERICAS             | Villa Alemana |
| 28                 | BERLIN                   | Villa Alemana |
| 29                 | SARGENTO ALDEA           | Villa Alemana |
| 30                 | RIQUELME                 | Villa Alemana |

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| DETALLE DE TRAZADO |                          |               |
|--------------------|--------------------------|---------------|
| Nro                | CALLE                    | COMUNA        |
| 1                  | PAUL HARRIS              | Villa Alemana |
| 2                  | LAS PALMAS               | Villa Alemana |
| 3                  | LOURDES                  | Villa Alemana |
| 4                  | SANTA SARA               | Villa Alemana |
| 5                  | EL ABANDERADO            | Villa Alemana |
| 6                  | ZAPADORES                | Villa Alemana |
| 7                  | EL ABANDERADO            | Villa Alemana |
| 8                  | SANTA SARA               | Villa Alemana |
| 9                  | LOURDES                  | Villa Alemana |
| 10                 | SAN ENRIQUE              | Villa Alemana |
| 11                 | SAN AGUSTIN              | Villa Alemana |
| 12                 | SANTA MARGARITA          | Villa Alemana |
| 13                 | MARIA MERCEDES           | Villa Alemana |
| 14                 | PORVENIR SUR             | Villa Alemana |
| 15                 | HUANHUALI                | Villa Alemana |
| 16                 | TRASLAVIÑA               | Villa Alemana |
| 17                 | VENECIA                  | Villa Alemana |
| 18                 | AV. VALPARAISO           | Villa Alemana |
| 19                 | AV. FREIRE               | Quilpué       |
| 20                 | AV. DIEGO PORTALES       | Quilpué       |
| 21                 | AV. LOS CARRERA          | Quilpué       |
| 22                 | TRONCAL                  | Quilpué       |
| 23                 | AV. 1 NORTE              | Viña del Mar  |
| 24                 | PUENTE CASINO            | Viña del Mar  |
| 25                 | AV. LA MARINA            | Viña del Mar  |
| 26                 | AV. ESCUADRA LIBERTADORA | Viña del Mar  |
| 27                 | AV. ESPAÑA               | Valparaíso    |
| 28                 | AV. ERRAZURIZ            | Valparaíso    |
| 29                 | PLAZA WHEELRIGHT         | Valparaíso    |

- Regreso

| DETALLE DE TRAZADO |                  |               |
|--------------------|------------------|---------------|
| Nro                | CALLE            | COMUNA        |
| 1                  | PLAZA WHEELRIGHT | Valparaíso    |
| 2                  | AV. ERRAZURIZ    | Valparaíso    |
| 3                  | AV. BRASIL NORTE | Valparaíso    |
| 4                  | AV. ESPAÑA       | Valparaíso    |
| 5                  | AV. LA MARINA    | Viña del Mar  |
| 6                  | PUENTE ECUADOR   | Viña del Mar  |
| 7                  | AV. 1 NORTE      | Viña del Mar  |
| 8                  | TRONCAL          | Quilpué       |
| 9                  | AV. LOS CARRERA  | Quilpué       |
| 10                 | AV. FREIRE       | Quilpué       |
| 11                 | AV. VALPARAISO   | Villa Alemana |
| 12                 | VENECIA          | Villa Alemana |
| 13                 | TRASLAVIÑA       | Villa Alemana |
| 14                 | HUANHUALI        | Villa Alemana |
| 15                 | PORVENIR SUR     | Villa Alemana |
| 16                 | MARIA MERCEDES   | Villa Alemana |
| 17                 | SANTA MARGARITA  | Villa Alemana |
| 18                 | SAN AGUSTIN      | Villa Alemana |
| 19                 | SAN ENRIQUE      | Villa Alemana |
| 20                 | LOURDES          | Villa Alemana |
| 21                 | SANTA SARA       | Villa Alemana |
| 22                 | EL ABANDERADO    | Villa Alemana |
| 23                 | ZAPADORES        | Villa Alemana |
| 24                 | EL ABANDERADO    | Villa Alemana |
| 25                 | SANTA SARA       | Villa Alemana |
| 26                 | LOURDES          | Villa Alemana |
| 27                 | LAS PALMAS       | Villa Alemana |
| 28                 | PAUL HARRIS      | Villa Alemana |

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| DETALLE DE TRAZADO |                          |               |
|--------------------|--------------------------|---------------|
| Nro                | CALLE                    | COMUNA        |
| 1                  | PAUL HARRIS              | Villa Alemana |
| 2                  | LAS PALMAS               | Villa Alemana |
| 3                  | MATURANA                 | Villa Alemana |
| 4                  | AV. VALPARAISO           | Villa Alemana |
| 5                  | HUANHUALI                | Villa Alemana |
| 6                  | PORVENIR SUR             | Villa Alemana |
| 7                  | YUNGAY                   | Villa Alemana |
| 8                  | SAN ENRIQUE              | Villa Alemana |
| 9                  | LOURDES                  | Villa Alemana |
| 10                 | MATURANA                 | Villa Alemana |
| 11                 | TRONCAL SUR              | Villa Alemana |
| 12                 | LIMACHE                  | Villa Alemana |
| 13                 | VIANA                    | Villa Alemana |
| 14                 | AV. MARINA               | Villa Alemana |
| 15                 | AV. ESCUADRA LIBERTADORA | Viña del Mar  |
| 16                 | AV. ESPAÑA               | Valparaíso    |
| 17                 | AV. ERRAZURIZ            | Valparaíso    |
| 18                 | PLAZA WHEELRIGHT         | Valparaíso    |

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| DETALLE DE TRAZADO |                           |               |
|--------------------|---------------------------|---------------|
| Nro                | CALLE                     | COMUNA        |
| 1                  | PAUL HARRIS               | Villa Alemana |
| 2                  | BERNARDO LEIGHTON         | Villa Alemana |
| 3                  | CASTELLON                 | Villa Alemana |
| 4                  | PAUL HARRIS               | Villa Alemana |
| 5                  | LAS PALMAS                | Villa Alemana |
| 6                  | IGNACIO CARRERA PINTO     | Villa Alemana |
| 7                  | LO MOSCOSO                | Villa Alemana |
| 8                  | AV. MARGA MARGA           | Villa Alemana |
| 9                  | EL ALAMO                  | Villa Alemana |
| 10                 | EL PUENTE                 | Villa Alemana |
| 11                 | O'HIGGINS                 | Villa Alemana |
| 12                 | AV. MARGA MARGA           | Villa Alemana |
| 13                 | MATURANA                  | Villa Alemana |
| 14                 | VICTORIA                  | Villa Alemana |
| 15                 | AV. IGNACIO CARRERA PINTO | Villa Alemana |
| 16                 | AV. VALPARAISO            | Villa Alemana |
| 17                 | AV. FREIRE                | Quilpué       |
| 18                 | AV. DIEGO PORTALES        | Quilpué       |
| 19                 | AV. LOS CARRERA           | Quilpué       |
| 20                 | TRONCAL                   | Quilpué       |
| 21                 | AV. 1 NORTE               | Viña del Mar  |
| 22                 | PUENTE CASINO             | Viña del Mar  |
| 23                 | AV. LA MARINA             | Viña del Mar  |
| 24                 | AV. ESCUADRA LIBERTADORA  | Viña del Mar  |
| 25                 | AV. ESPAÑA                | Valparaíso    |
| 26                 | AV. ERRAZURIZ             | Valparaíso    |
| 27                 | PLAZA WHEELRIGHT          | Valparaíso    |

- Regreso

| DETALLE DE TRAZADO |                       |               |
|--------------------|-----------------------|---------------|
| Nro                | CALLE                 | COMUNA        |
| 1                  | PLAZA WHEELRIGHT      | Valparaíso    |
| 2                  | AV. ERRAZURIZ         | Valparaíso    |
| 3                  | AV. BRASIL NORTE      | Valparaíso    |
| 4                  | AV. ESPAÑA            | Valparaíso    |
| 5                  | AV. LA MARINA         | Viña del Mar  |
| 6                  | PUENTE ECUADOR        | Viña del Mar  |
| 7                  | AV. 1 NORTE           | Viña del Mar  |
| 8                  | TRONCAL               | Quilpué       |
| 9                  | AV. LOS CARRERA       | Quilpué       |
| 10                 | DAVID CORTES          | Quilpué       |
| 11                 | BLANCO ENCALADA       | Quilpué       |
| 12                 | ARAYA                 | Quilpué       |
| 13                 | AV. FREIRE            | Quilpué       |
| 14                 | AV. VALPARAISO        | Villa Alemana |
| 15                 | MATURANA              | Villa Alemana |
| 16                 | AV. MARGA MARGA       | Villa Alemana |
| 17                 | O'HIGGINS             | Villa Alemana |
| 18                 | EL PUENTE             | Villa Alemana |
| 19                 | EL ALAMO              | Villa Alemana |
| 20                 | AV. MARGA MARGA       | Villa Alemana |
| 21                 | LO MOSCOSO            | Villa Alemana |
| 22                 | IGNACIO CARRERA PINTO | Villa Alemana |
| 23                 | LAS PALMAS            | Villa Alemana |
| 24                 | PAUL HARRIS           | Villa Alemana |
| 25                 | CASTELLON             | Villa Alemana |
| 26                 | BERNARDO LEIGHTON     | Villa Alemana |
| 27                 | PAUL HARRIS           | Villa Alemana |



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| DETALLE DE TRAZADO |                          |               |
|--------------------|--------------------------|---------------|
| Nro                | CALLE                    | COMUNA        |
| 1                  | LAS ACACIAS              | Villa Alemana |
| 2                  | EL RINCON                | Villa Alemana |
| 3                  | CAMINO TRONCAL           | Villa Alemana |
| 4                  | MANUEL MONTT             | Villa Alemana |
| 5                  | BAQUEDANO                | Villa Alemana |
| 6                  | AVENIDA VALPARAISO       | Villa Alemana |
| 7                  | FREIRE                   | Quilpué       |
| 8                  | DIEGO PORTALES           | Quilpué       |
| 9                  | LOS CARRERA              | Quilpué       |
| 10                 | VICUÑA MACKENNA          | Quilpué       |
| 11                 | IRARRAZABAL              | Quilpué       |
| 12                 | ANIBAL PINTO             | Quilpué       |
| 13                 | ESMERALDA                | Quilpué       |
| 14                 | MENA                     | Quilpué       |
| 15                 | SAMUEL VALENCIA          | Quilpué       |
| 16                 | CUMMING                  | Quilpué       |
| 17                 | PANAMA                   | Quilpué       |
| 18                 | MEXICO                   | Quilpué       |
| 19                 | ALESSANDRI               | Quilpué       |
| 20                 | JUAN ALVARADO            | Quilpué       |
| 21                 | ANITA LIZANA             | Quilpué       |
| 22                 | MANUEL PLAZA             | Quilpué       |
| 23                 | MONTEVIDEO               | Quilpué       |
| 24                 | ISMAEL HUERTA            | Quilpué       |
| 25                 | SANTA ROSA               | Quilpué       |
| 26                 | HUMBOLDT                 | Quilpué       |
| 27                 | VIÑA DEL MAR             | Quilpué       |
| 28                 | LA MARCK                 | Quilpué       |
| 29                 | SAN FRANCISCO DE ASIS    | Quilpué       |
| 30                 | DARWIN                   | Quilpué       |
| 31                 | RAFAEL SOTOMAYOR         | Quilpué       |
| 32                 | PHILLIPS                 | Quilpué       |
| 33                 | LEBU                     | Quilpué       |
| 34                 | SAN FRANCISCO DE ASIS    | Quilpué       |
| 35                 | ORTIZ VEGA               | Quilpué       |
| 36                 | OHIGGINS                 | Quilpué       |
| 37                 | SOLIDARIDAD              | Quilpué       |
| 38                 | CALLE DIEZ               | Quilpué       |
| 39                 | CALLE TRES               | Quilpué       |
| 40                 | AVENIDA LOS CARRERA      | Quilpué       |
| 41                 | TRONCAL                  | Quilpué       |
| 42                 | AV. 1 NORTE              | Viña del Mar  |
| 43                 | PUENTE CASINO            | Viña del Mar  |
| 44                 | AV LA MARINA             | Viña del Mar  |
| 45                 | AV. ESCUADRA LIBERTADORA | Valparaiso    |
| 46                 | AV. ESPAÑA               | Valparaiso    |
| 47                 | AV. ERRAZURIZ            | Valparaiso    |
| 48                 | PLAZA WHEELRIGHT         | Valparaiso    |

- Regreso

| DETALLE DE TRAZADO |                       |               |
|--------------------|-----------------------|---------------|
| Nro                | CALLE                 | COMUNA        |
| 1                  | PLAZA WHEELRIGHT      | Valparaiso    |
| 2                  | AV. ERRAZURIZ         | Valparaiso    |
| 3                  | AV. BRASIL            | Valparaiso    |
| 4                  | AV. ESPAÑA            | Valparaiso    |
| 5                  | AV. LA MARINA         | Viña del Mar  |
| 6                  | PUENTE ECUADOR        | Viña del Mar  |
| 7                  | AV. 1 NORTE           | Valparaiso    |
| 8                  | TRONCAL               | Quilpué       |
| 9                  | CALLE TRES            | Quilpué       |
| 10                 | CALLO DIEZ            | Quilpué       |
| 11                 | SOLIDARIDAD           | Quilpué       |
| 12                 | OHIGGINS              | Quilpué       |
| 13                 | ORTIZ VERA            | Quilpué       |
| 14                 | SAN FRANCISCO DE ASIS | Quilpué       |
| 15                 | LEBU                  | Quilpué       |
| 16                 | PHILLIPS              | Quilpué       |
| 17                 | SOTOMAYOR             | Quilpué       |
| 18                 | DARWIN                | Quilpué       |
| 19                 | SAN FRANCISCO DE ASIS | Quilpué       |
| 20                 | LA MARK               | Quilpué       |
| 21                 | VIÑA DEL MAR          | Quilpué       |
| 22                 | HUMBOLDT              | Quilpué       |
| 23                 | SANTA ROSA            | Quilpué       |
| 24                 | ISMAEL HUERTA         | Quilpué       |
| 25                 | MONTEVIDEO            | Quilpué       |
| 26                 | MANUEL PLAZA          | Quilpué       |
| 27                 | ANITA LIZANA          | Quilpué       |
| 28                 | JUAN ALVARADO ROJAS   | Quilpué       |
| 29                 | ALESSANDRI            | Quilpué       |
| 30                 | CALLE MEXICO          | Quilpué       |
| 31                 | PASAJE PANAMA         | Quilpué       |
| 32                 | CUMMING               | Quilpué       |
| 33                 | SAMUEL VALENCIA       | Quilpué       |
| 34                 | MENA                  | Quilpué       |
| 35                 | AV. LOS CARRERA       | Quilpué       |
| 36                 | AV. FREIRE            | Quilpué       |
| 37                 | AV. VALPARAISO        | Quilpué       |
| 38                 | BAQUEDANO             | Villa Alemana |
| 39                 | MANUEL MONTT          | Villa Alemana |
| 40                 | EL RINCON             | Villa Alemana |
| 41                 | LAS ACACIAS           | Villa Alemana |

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| DETALLE DE TRAZADO |                          |               |
|--------------------|--------------------------|---------------|
| Nro                | CALLE                    | COMUNA        |
| 1                  | LAS ACACIAS              | Villa Alemana |
| 2                  | EL RINCON                | Villa Alemana |
| 3                  | MANUEL MONTT             | Villa Alemana |
| 4                  | GOD BLESS YOU            | Villa Alemana |
| 5                  | NUEVA MEMORY             | Villa Alemana |
| 6                  | CANAL MORALEDA           | Villa Alemana |
| 7                  | LOS ANDES                | Villa Alemana |
| 8                  | FREIRE                   | Villa Alemana |
| 9                  | MANUEL MONTT             | Villa Alemana |
| 10                 | BAQUEDANO                | Villa Alemana |
| 11                 | AV. VALPARAISO           | Villa Alemana |
| 12                 | AV. FREIRE               | Quilpué       |
| 13                 | AV. DIEGO PORTALES       | Quilpué       |
| 14                 | AV. LOS CARRERA          | Quilpué       |
| 15                 | TRONCAL                  | Quilpué       |
| 16                 | AV. 1 NORTE              | Viña del Mar  |
| 17                 | PUENTE CASINO            | Viña del Mar  |
| 18                 | AV. LA MARINA            | Viña del Mar  |
| 19                 | AV. ESCUADRA LIBERTADORA | Viña del Mar  |
| 20                 | AV. ESPAÑA               | Valparaíso    |
| 21                 | AV. ARGENTINA            | Valparaíso    |
| 22                 | AV. COLON                | Valparaíso    |
| 23                 | EDWARDS                  | Valparaíso    |

- Regreso

| DETALLE DE TRAZADO |                 |               |
|--------------------|-----------------|---------------|
| Nro                | CALLE           | COMUNA        |
| 1                  | INDEPENDENCIA   | Valparaíso    |
| 2                  | BUENOS AIRES    | Valparaíso    |
| 3                  | AV. COLON       | Valparaíso    |
| 4                  | AV. ARGENTINA   | Valparaíso    |
| 5                  | AV. ESPAÑA      | Valparaíso    |
| 6                  | AV. LA MARINA   | Viña del Mar  |
| 7                  | PUENTE ECUADOR  | Viña del Mar  |
| 8                  | AV. 1 NORTE     | Viña del Mar  |
| 9                  | TRONCAL         | Quilpué       |
| 10                 | AV. LOS CARRERA | Quilpué       |
| 11                 | AV. FREIRE      | Quilpué       |
| 12                 | AV. VALPARAISO  | Villa Alemana |
| 13                 | BAQUEDANO       | Villa Alemana |
| 14                 | MANUEL MONTT    | Villa Alemana |
| 15                 | FREIRE          | Villa Alemana |
| 16                 | LOS ANDES       | Villa Alemana |
| 17                 | CANAL MORALEDA  | Villa Alemana |
| 18                 | NUEVA MEMORY    | Villa Alemana |
| 19                 | GOD BLESS YOU   | Villa Alemana |
| 20                 | MANUEL MONTT    | Villa Alemana |
| 21                 | FREIRE          | Villa Alemana |
| 22                 | MORALEDA        | Villa Alemana |
| 23                 | NUEVA MEMORY    | Villa Alemana |
| 24                 | GOD BLESS YOU   | Villa Alemana |
| 25                 | MANUEL MONTT    | Villa Alemana |
| 26                 | EL RINCON       | Villa Alemana |
| 27                 | LAS ACACIAS     | Villa Alemana |

- Servicio 106

- Ida

| DETALLE DE TRAZADO |                           |               |
|--------------------|---------------------------|---------------|
| Nro                | CALLE                     | COMUNA        |
| 1                  | ALCALDE MIGUEL GANDULFO   | Villa Alemana |
| 2                  | CUARTA                    | Villa Alemana |
| 3                  | ALCALDE ALEJANDRO PERALTA | Villa Alemana |
| 4                  | 2° DE LINEA               | Villa Alemana |
| 5                  | OJOS DE AGUA              | Villa Alemana |
| 6                  | AV. FREIRE                | Quilpué       |
| 7                  | AV. DIEGO PORTALES        | Quilpué       |
| 8                  | AV. LOS CARRERA           | Quilpué       |
| 9                  | TRONCAL                   | Quilpué       |
| 10                 | AV. 1 NORTE               | Viña del Mar  |
| 11                 | PUENTE CASINO             | Viña del Mar  |
| 12                 | AV. LA MARINA             | Viña del Mar  |
| 13                 | AV. ESCUADRA LIBERTADORA  | Viña del Mar  |
| 14                 | AV. ESPAÑA                | Valparaíso    |
| 15                 | AV. ERRAZURIZ             | Valparaíso    |
| 16                 | ANTONIO VARAS             | Valparaíso    |
| 17                 | AV. ALTAMIRANO            | Valparaíso    |
| 18                 | AV. PARQUE                | Valparaíso    |
| 19                 | AV. PLAYA ANCHA           | Valparaíso    |
| 20                 | ALCALDE BARRIOS           | Valparaíso    |
| 21                 | GALVARINO                 | Valparaíso    |

- Regreso

| DETALLE DE TRAZADO |                           |               |
|--------------------|---------------------------|---------------|
| Nro                | CALLE                     | COMUNA        |
| 1                  | GALVARINO                 | Valparaíso    |
| 2                  | ALCALDE BARRIOS           | Valparaíso    |
| 3                  | AV. PLAYA ANCHA           | Valparaíso    |
| 4                  | AV. PARQUE                | Valparaíso    |
| 5                  | AV. ALTAMIRANO            | Valparaíso    |
| 6                  | ANTONIO VARAS             | Valparaíso    |
| 7                  | AV. ERRAZURIZ             | Valparaíso    |
| 8                  | AV. BRASIL NORTE          | Valparaíso    |
| 9                  | AV. ESPAÑA                | Valparaíso    |
| 10                 | AV. LA MARINA             | Viña del Mar  |
| 11                 | PUENTE ECUADOR            | Viña del Mar  |
| 12                 | AV. 1 NORTE               | Viña del Mar  |
| 13                 | TRONCAL                   | Viña del Mar  |
| 14                 | AV. LOS CARRERA           | Quilpué       |
| 15                 | AV. DIEGO PORTALES        | Quilpué       |
| 16                 | AV. FREIRE                | Quilpué       |
| 17                 | OJOS DE AGUA              | Quilpué       |
| 18                 | SANTA ANA                 | Quilpué       |
| 19                 | CAPELLA                   | Quilpué       |
| 20                 | 2° DE LINEA               | Villa alemana |
| 21                 | ALCALDE ALEJANDRO PERALTA | Villa alemana |
| 22                 | CUARTA                    | Villa alemana |
| 23                 | ALCALDE MIGUEL GANDULFO   | Villa alemana |

- Servicio 106D

- Ida

| DETALLE DE TRAZADO |                           |               |
|--------------------|---------------------------|---------------|
| Nro                | CALLE                     | COMUNA        |
| 1                  | ALCALDE MIGUEL GANDULFO   | Villa Alemana |
| 2                  | CUARTA                    | Villa Alemana |
| 3                  | ALCALDE ALEJANDRO PERALTA | Villa Alemana |
| 4                  | 2° DE LINEA               | Villa Alemana |
| 5                  | 20 DE ENERO               | Quilpué       |
| 6                  | RAMON ANGEL JARA          | Quilpué       |
| 7                  | AV. MARGA MARGA           | Quilpué       |
| 8                  | TRONCAL SUR               | Quilpué       |
| 9                  | LIMACHE                   | Viña del Mar  |
| 10                 | VIANA                     | Viña del Mar  |
| 11                 | AV. LA MARINA             | Viña del Mar  |
| 12                 | AV. ESCUADRA LIBERTADORA  | Viña del Mar  |
| 13                 | AV. ESPAÑA                | Valparaíso    |
| 14                 | AV. ERRAZURIZ             | Valparaíso    |
| 15                 | ANTONIO VARAS             | Valparaíso    |
| 16                 | AV. ALTAMIRANO            | Valparaíso    |
| 17                 | AV. PARQUE                | Valparaíso    |
| 18                 | AV. PLAYA ANCHA           | Valparaíso    |
| 19                 | ALCALDE BARRIOS           | Valparaíso    |
| 20                 | GALVARINO                 | Valparaíso    |

- Servicio 107

- Ida

| DETALLE DE TRAZADO |                          |               |
|--------------------|--------------------------|---------------|
| Nro                | CALLE                    | COMUNA        |
| 1                  | ALCALDE MIGUEL GANDULFO  | Villa Alemana |
| 2                  | CUARTA                   | Villa Alemana |
| 3                  | LOS ALGARROBOS           | Villa Alemana |
| 4                  | CALLE 2                  | Villa Alemana |
| 5                  | ALCALDE GALLEGUILLLOS    | Villa Alemana |
| 6                  | CARLOS SAAVEDRA          | Villa Alemana |
| 7                  | HUANHUALI                | Villa Alemana |
| 8                  | PORVENIR SUR             | Villa Alemana |
| 9                  | TRONCOS VIEJOS           | Villa Alemana |
| 10                 | TIERRAS ROJAS            | Quilpué       |
| 11                 | LOS LIRIOS               | Quilpué       |
| 12                 | OVALLE                   | Quilpué       |
| 13                 | LOS NARDOS               | Quilpué       |
| 14                 | AV. MARGA MARGA          | Quilpué       |
| 15                 | BUENOS AIRES             | Quilpué       |
| 16                 | SAN MARTIN               | Quilpué       |
| 17                 | AV. FREIRE               | Quilpué       |
| 18                 | AV. DIEGO PORTALES       | Quilpué       |
| 19                 | AV. LOS CARRERA          | Quilpué       |
| 20                 | TRONCAL                  | Quilpué       |
| 21                 | AV. 1 NORTE              | Viña del Mar  |
| 22                 | PUENTE CASINO            | Viña del Mar  |
| 23                 | AV. LA MARINA            | Viña del Mar  |
| 24                 | AV. ESCUADRA LIBERTADORA | Viña del Mar  |
| 25                 | AV. ESPAÑA               | Valparaíso    |
| 26                 | AV. ERRAZURIZ            | Valparaíso    |
| 27                 | ANTONIO VARAS            | Valparaíso    |
| 28                 | AV. ALTAMIRANO           | Valparaíso    |
| 29                 | AV. PARQUE               | Valparaíso    |
| 30                 | AV. PLAYA ANCHA          | Valparaíso    |
| 31                 | ALCALDE BARRIOS          | Valparaíso    |
| 32                 | GALVARINO                | Valparaíso    |

- Regreso

| DETALLE DE TRAZADO |                         |               |
|--------------------|-------------------------|---------------|
| Nro                | CALLE                   | COMUNA        |
| 1                  | GALVARINO               | Valparaíso    |
| 2                  | ALCALDE BARRIOS         | Valparaíso    |
| 3                  | AV. PLAYA ANCHA         | Valparaíso    |
| 4                  | AV. PARQUE              | Valparaíso    |
| 5                  | AV. ALTAMIRANO          | Valparaíso    |
| 6                  | ANTONIO VARAS           | Valparaíso    |
| 7                  | AV. ERRAZURIZ           | Valparaíso    |
| 8                  | AV. BRASIL NORTE        | Valparaíso    |
| 9                  | AV. ESPAÑA              | Valparaíso    |
| 10                 | AV. LA MARINA           | Viña del Mar  |
| 11                 | PUENTE ECUADOR          | Viña del Mar  |
| 12                 | AV. 1 NORTE             | Viña del Mar  |
| 13                 | TRONCAL                 | Quilpué       |
| 14                 | AV. LOS CARRERA         | Quilpué       |
| 15                 | SAN MARTIN              | Quilpué       |
| 16                 | BUENOS AIRES            | Quilpué       |
| 17                 | AV. MARGA MARGA         | Quilpué       |
| 18                 | GONZALEZ VIDELA         | Quilpué       |
| 19                 | LOS NARDOS              | Quilpué       |
| 20                 | OVALLE                  | Quilpué       |
| 21                 | LOS LIRIOS              | Quilpué       |
| 22                 | TIERRAS ROJAS           | Quilpué       |
| 23                 | TRONCOS VIEJOS          | Quilpué       |
| 24                 | PORVENIR SUR            | Quilpué       |
| 25                 | CALLE TRES              | Villa Alemana |
| 26                 | HUANHUALI               | Villa Alemana |
| 27                 | CARLOS SAAVEDRA         | Villa Alemana |
| 28                 | ALCALDE GALLEGUILLOS    | Villa Alemana |
| 29                 | CALLE 1                 | Villa Alemana |
| 30                 | LOS ALGARROBOS          | Villa Alemana |
| 31                 | CUARTA                  | Villa Alemana |
| 32                 | ALCALDE MIGUEL GANDULFO | Villa Alemana |

- Servicio 108

- Ida

| DETALLE DE TRAZADO |                          |               |
|--------------------|--------------------------|---------------|
| Nro                | CALLE                    | COMUNA        |
| 1                  | LAS ACACIAS              | Villa Alemana |
| 2                  | BERNARDO LEIGHTON        | Villa Alemana |
| 3                  | MANUEL MONTT             | Villa Alemana |
| 4                  | BAQUEDANO                | Villa Alemana |
| 5                  | AV. VALPARAISO           | Villa Alemana |
| 6                  | AV. FREIRE               | Quilpué       |
| 7                  | AV. DIEGO PORTALES       | Quilpué       |
| 8                  | AV. LOS CARRERA          | Quilpué       |
| 9                  | VICUÑA MACKENNA          | Quilpué       |
| 10                 | IRARRAZABAL              | Quilpué       |
| 11                 | ANIBAL PINTO             | Quilpué       |
| 12                 | ESMERALDA                | Quilpué       |
| 13                 | MENA                     | Quilpué       |
| 14                 | POPAYAN                  | Quilpué       |
| 15                 | BARROS ARANA             | Quilpué       |
| 16                 | VICTORIA                 | Quilpué       |
| 17                 | RIQUELME                 | Quilpué       |
| 18                 | JUAN ALVARADO            | Quilpué       |
| 19                 | ANITA LIZANA             | Quilpué       |
| 20                 | HUMBOLDT                 | Quilpué       |
| 21                 | ATACAMA                  | Quilpué       |
| 22                 | QUIDORA                  | Quilpué       |
| 23                 | FRODEN                   | Quilpué       |
| 24                 | JULIO VELASCO            | Quilpué       |
| 25                 | SAN FRANCISCO DE ASIS    | Quilpué       |
| 26                 | ORTIZ VEGA               | Quilpué       |
| 27                 | BERNARDO O´HIGGINS       | Quilpué       |
| 28                 | HEVIA                    | Quilpué       |
| 29                 | FIGUEROA LARRAIN         | Quilpué       |
| 30                 | VERGARA                  | Quilpué       |
| 31                 | AV. LOS CARRERA          | Quilpué       |
| 32                 | TRONCAL                  | Quilpué       |
| 33                 | AV. 1 NORTE              | Viña del Mar  |
| 34                 | PUENTE CASINO            | Viña del Mar  |
| 35                 | AV. LA MARINA            | Viña del Mar  |
| 36                 | AV. ESCUADRA LIBERTADORA | Viña del Mar  |
| 37                 | AV. ESPAÑA               | Valparaíso    |
| 38                 | AV. ERRAZURIZ            | Valparaíso    |
| 39                 | PLAZA WHEELRIGHT         | Valparaíso    |

- Regreso

| DETALLE DE TRAZADO |                       |               |
|--------------------|-----------------------|---------------|
| Nro                | CALLE                 | COMUNA        |
| 1                  | PLAZA WHEELRIGHT      | Valparaíso    |
| 2                  | AV. ERRAZURIZ         | Valparaíso    |
| 3                  | AV. BRASIL NORTE      | Valparaíso    |
| 4                  | AV. ESPAÑA            | Valparaíso    |
| 5                  | AV. LA MARINA         | Viña del Mar  |
| 6                  | PUENTE ECUADOR        | Viña del Mar  |
| 7                  | AV. 1 NORTE           | Viña del Mar  |
| 8                  | TRONCAL               | Quilpué       |
| 9                  | AV. LOS CARRERA       | Quilpué       |
| 10                 | HEVIA                 | Quilpué       |
| 11                 | BERNARDO O´HIGGINS    | Quilpué       |
| 12                 | ORTIZ VEGA            | Quilpué       |
| 13                 | SAN FRANCISCO DE ASIS | Quilpué       |
| 14                 | JULIO VELASCO         | Quilpué       |
| 15                 | FRODEN                | Quilpué       |
| 16                 | QUIDORA               | Quilpué       |
| 17                 | ATACAMA               | Quilpué       |
| 18                 | HUMBOLDT              | Quilpué       |
| 19                 | ANITA LIZANA          | Quilpué       |
| 20                 | JUAN ALVARADO         | Quilpué       |
| 21                 | VILLA ALEMANA         | Quilpué       |
| 22                 | RIQUELME              | Quilpué       |
| 23                 | VICTORIA              | Quilpué       |
| 24                 | BARROS ARANA          | Quilpué       |
| 25                 | POPAYAN               | Quilpué       |
| 26                 | MENA                  | Quilpué       |
| 27                 | AV. LOS CARRERA       | Quilpué       |
| 28                 | AV. FREIRE            | Quilpué       |
| 29                 | AV. VALPARAISO        | Villa Alemana |
| 30                 | BAQUEDANO             | Villa Alemana |
| 31                 | MANUEL MONTT          | Villa Alemana |
| 32                 | BERNARDO LEIGHTON     | Villa Alemana |
| 33                 | LAS ACACIAS           | Villa Alemana |



- Servicio 109

- Ida

| DETALLE DE TRAZADO |                           |               |
|--------------------|---------------------------|---------------|
| Nro                | CALLE                     | COMUNA        |
| 1                  | ALCALDE MIGUEL GANDULFO   | Villa Alemana |
| 2                  | CUARTA                    | Villa Alemana |
| 3                  | LOS ALGARROBOS            | Villa Alemana |
| 4                  | CALLE 2                   | Villa Alemana |
| 5                  | ALCALDE GALLEGUILLOS      | Villa Alemana |
| 6                  | DON VICTORIO              | Villa Alemana |
| 7                  | HUANHUALI                 | Villa Alemana |
| 8                  | CARLOS SAAVEDRA           | Villa Alemana |
| 9                  | EL ROCIO                  | Villa Alemana |
| 10                 | LOS PEUMOS                | Villa Alemana |
| 11                 | LAS ARAUCARIAS            | Villa Alemana |
| 12                 | ALCALDE ALEJANDRO PERALTA | Villa Alemana |
| 13                 | VEINTINUEVE DE JUNIO      | Villa Alemana |
| 14                 | ALCALDE GALLEGUILLOS      | Villa Alemana |
| 15                 | AV. VALPARAISO            | Villa Alemana |
| 16                 | AV. FREIRE                | Quilpué       |
| 17                 | AV. DIEGO PORTALES        | Quilpué       |
| 18                 | AV. LOS CARRERA           | Quilpué       |
| 19                 | TRONCAL                   | Quilpué       |
| 20                 | AV. 1 NORTE               | Viña del Mar  |
| 21                 | PUENTE CASINO             | Viña del Mar  |
| 22                 | AV. LA MARINA             | Viña del Mar  |
| 23                 | AV. ESCUADRA LIBERTADORA  | Viña del Mar  |
| 24                 | AV. ESPAÑA                | Valparaíso    |
| 25                 | AV. ERRAZURIZ             | Valparaíso    |
| 26                 | ANTONIO VARAS             | Valparaíso    |
| 27                 | AV. ALTAMIRANO            | Valparaíso    |
| 28                 | LEOPOLDO CARVALLO         | Valparaíso    |
| 29                 | AV. PLAYA ANCHA           | Valparaíso    |
| 30                 | ALCALDE BARRIOS           | Valparaíso    |
| 31                 | GALVARINO                 | Valparaíso    |

- Regreso

| DETALLE DE TRAZADO |                           |               |
|--------------------|---------------------------|---------------|
| Nro                | CALLE                     | COMUNA        |
| 1                  | GALVARINO                 | Valparaíso    |
| 2                  | ALCALDE BARRIOS           | Valparaíso    |
| 3                  | AV. PLAYA ANCHA           | Valparaíso    |
| 4                  | LEOPOLDO CARVALLO         | Valparaíso    |
| 5                  | AV. ALTAMIRANO            | Valparaíso    |
| 6                  | ANTONIO VARAS             | Valparaíso    |
| 7                  | AV. ERRAZURIZ             | Valparaíso    |
| 8                  | AV. BRASIL NORTE          | Valparaíso    |
| 9                  | AV. ESPAÑA                | Valparaíso    |
| 10                 | AV. LA MARINA             | Viña del Mar  |
| 11                 | PUENTE ECUADOR            | Viña del Mar  |
| 12                 | AV. 1 NORTE               | Viña del Mar  |
| 13                 | TRONCAL                   | Quilpué       |
| 14                 | AV. LOS CARRERA           | Quilpué       |
| 15                 | AV. FREIRE                | Quilpué       |
| 16                 | AV. VALPARAISO            | Villa Alemana |
| 17                 | ALCALDE GALLEGUILLOS      | Villa Alemana |
| 18                 | VEINTINUEVE DE JUNIO      | Villa Alemana |
| 19                 | ALCALDE ALEJANDRO PERALTA | Villa Alemana |
| 20                 | LAS ARAUCARIAS            | Villa Alemana |
| 21                 | LOS PEUMOS                | Villa Alemana |
| 22                 | EL ROCIO                  | Villa Alemana |
| 24                 | DON VICTORIO              | Villa Alemana |
| 25                 | HUANHUALI                 | Villa Alemana |
| 26                 | CARLOS SAAVEDRA           | Villa Alemana |
| 27                 | ALCALDE GALLEGUILLOS      | Villa Alemana |
| 28                 | CALLE 2                   | Villa Alemana |
| 29                 | LOS ALGARROBOS            | Villa Alemana |
| 30                 | CUARTA                    | Villa Alemana |
| 31                 | ALCALDE MIGUEL GANDULFO   | Villa Alemana |

- Servicio 110

- Ida

| DETALLE DE TRAZADO |                        |               |
|--------------------|------------------------|---------------|
| Nro                | CALLE                  | COMUNA        |
| 1                  | LAS ACACIAS            | Villa Alemana |
| 2                  | BERNARDO LEIGHTON      | Villa Alemana |
| 3                  | MANUEL MONTT           | Villa Alemana |
| 4                  | BAQUEDANO              | Villa Alemana |
| 5                  | AV. VALPARAISO         | Villa Alemana |
| 6                  | AV. FREIRE             | Quilpué       |
| 7                  | AV. DIEGO PORTALES     | Quilpué       |
| 8                  | AV. LOS CARRERA        | Quilpué       |
| 9                  | TRONCAL                | Quilpué       |
| 10                 | AV. 1 NORTE            | Viña del Mar  |
| 11                 | PUENTE CASINO          | Viña del Mar  |
| 12                 | AV. LA MARINA          | Viña del Mar  |
| 13                 | V. ESCUADRA LIBERTADOR | Viña del Mar  |
| 14                 | AV. ESPAÑA             | Valparaíso    |
| 15                 | AV. ERRAZURIZ          | Valparaíso    |
| 16                 | PLAZA WHEELRIGHT       | Valparaíso    |

- Regreso

| DETALLE DE TRAZADO |                   |               |
|--------------------|-------------------|---------------|
| Nro                | CALLE             | COMUNA        |
| 1                  | PLAZA WHEELRIGHT  | Valparaíso    |
| 2                  | AV. ERRAZURIZ     | Valparaíso    |
| 3                  | AV. BRASIL NORTE  | Valparaíso    |
| 4                  | AV. ESPAÑA        | Valparaíso    |
| 5                  | AV. LA MARINA     | Viña del Mar  |
| 6                  | PUENTE ECUADOR    | Viña del Mar  |
| 7                  | AV. 1 NORTE       | Viña del Mar  |
| 8                  | TRONCAL           | Quilpué       |
| 9                  | AV. LOS CARRERA   | Quilpué       |
| 10                 | AV. FREIRE        | Quilpué       |
| 11                 | AV. VALPARAISO    | Villa Alemana |
| 12                 | BAQUEDANO         | Villa Alemana |
| 13                 | MANUEL MONTT      | Villa Alemana |
| 14                 | BERNARDO LEIGHTON | Villa Alemana |
| 15                 | LAS ACACIAS       | Villa Alemana |

- Servicio 111

- Ida

| DETALLE DE TRAZADO |                          |              |
|--------------------|--------------------------|--------------|
| Nro                | CALLE                    | COMUNA       |
| 1                  | TIERRAS ROJAS            | Quilpué      |
| 2                  | LAGO LANALHUE            | Quilpué      |
| 3                  | AV. MARGA MARGA          | Quilpué      |
| 4                  | MIGUEL GRAU              | Quilpué      |
| 5                  | VALLE DEL PARAISO        | Quilpué      |
| 6                  | LAS BARRANCAS            | Quilpué      |
| 7                  | LOS CORCHOS              | Quilpué      |
| 8                  | VOLCAN VILLARRICA        | Quilpué      |
| 9                  | LAS PALMAS               | Quilpué      |
| 10                 | MANQUEHUE                | Quilpué      |
| 11                 | PIEDRA LANCETA           | Quilpué      |
| 13                 | AV. MARGA MARGA          | Quilpué      |
| 14                 | LAS PLEYADES             | Quilpué      |
| 15                 | NERIDAS                  | Quilpué      |
| 16                 | PLUTON                   | Quilpué      |
| 17                 | LAS ELENAS               | Quilpué      |
| 18                 | LOS EUCALIPTUS           | Quilpué      |
| 19                 | LOS TILOS                | Quilpué      |
| 20                 | VIDELA                   | Quilpué      |
| 21                 | PEYRONET                 | Quilpué      |
| 22                 | DOCTOR SALAS             | Quilpué      |
| 23                 | SAN MARTIN               | Quilpué      |
| 24                 | AV. FREIRE               | Quilpué      |
| 25                 | AV. DIEGO PORTALES       | Quilpué      |
| 26                 | AV. LOS CARRERA          | Quilpué      |
| 27                 | TRONCAL                  | Quilpué      |
| 28                 | AV. 1 NORTE              | Viña del Mar |
| 29                 | PUENTE CASINO            | Viña del Mar |
| 30                 | AV. LA MARINA            | Viña del Mar |
| 31                 | AV. ESCUADRA LIBERTADORA | Viña del Mar |
| 32                 | AV. ESPAÑA               | Valparaíso   |
| 33                 | AV. ERRAZURIZ            | Valparaíso   |
| 34                 | ANTONIO VARAS            | Valparaíso   |
| 35                 | AV. ALTAMIRANO           | Valparaíso   |
| 36                 | AV. PARQUE               | Valparaíso   |
| 37                 | AV. PLAYA ANCHA          | Valparaíso   |
| 38                 | ALCALDE BARRIOS          | Valparaíso   |
| 39                 | GALVARINO                | Valparaíso   |

- Regreso

| DETALLE DE TRAZADO |                   |              |
|--------------------|-------------------|--------------|
| Nro                | CALLE             | COMUNA       |
| 1                  | GALVARINO         | Valparaíso   |
| 2                  | ALCALDE BARRIOS   | Valparaíso   |
| 3                  | AV. PLAYA ANCHA   | Valparaíso   |
| 4                  | AV. PARQUE        | Valparaíso   |
| 5                  | AV. ALTAMIRANO    | Valparaíso   |
| 6                  | ANTONIO VARAS     | Valparaíso   |
| 7                  | AV. ERRAZURIZ     | Valparaíso   |
| 8                  | AV. BRASIL NORTE  | Valparaíso   |
| 9                  | AV. ESPAÑA        | Valparaíso   |
| 10                 | AV. LA MARINA     | Viña del Mar |
| 11                 | PUENTE ECUADOR    | Viña del Mar |
| 12                 | AV. 1 NORTE       | Viña del Mar |
| 13                 | TRONCAL           | Quilpué      |
| 14                 | AV. LOS CARRERA   | Quilpué      |
| 15                 | SAN MARTIN        | Quilpué      |
| 16                 | DOCTOR SALAS      | Quilpué      |
| 17                 | PEYRONET          | Quilpué      |
| 18                 | VIDELA            | Quilpué      |
| 19                 | LOS TILOS         | Quilpué      |
| 20                 | LOS EUCALIPTUS    | Quilpué      |
| 21                 | LAS ELENAS        | Quilpué      |
| 22                 | PLUTON            | Quilpué      |
| 23                 | CENTAURO          | Quilpué      |
| 24                 | URANO             | Quilpué      |
| 25                 | LAS PLEYADES      | Quilpué      |
| 26                 | AV. MARGA MARGA   | Quilpué      |
| 27                 | PIEDRA LANCETA    | Quilpué      |
| 28                 | MANQUEHUE         | Quilpué      |
| 29                 | LAS PALMAS        | Quilpué      |
| 30                 | VOLCAN VILLARRICA | Quilpué      |
| 31                 | LOS CORCHOS       | Quilpué      |
| 32                 | LAS BARRANCAS     | Quilpué      |
| 33                 | VALLE DEL PARAISO | Quilpué      |
| 34                 | MIGUEL GRAU       | Quilpué      |
| 35                 | AV. MARGA MARGA   | Quilpué      |
| 36                 | LAGO LANALHUE     | Quilpué      |
| 37                 | TIERRAS ROJAS     | Quilpué      |

- Servicio 111D

- Ida

| DETALLE DE TRAZADO |                          |              |
|--------------------|--------------------------|--------------|
| Nro                | CALLE                    | COMUNA       |
| 1                  | TIERRAS ROJAS            | Quilpué      |
| 2                  | LAGO LANALHUE            | Quilpué      |
| 3                  | AV. MARGA MARGA          | Quilpué      |
| 4                  | MIGUEL GRAU              | Quilpué      |
| 5                  | VALLE DEL PARAISO        | Quilpué      |
| 6                  | LAS BARRANCAS            | Quilpué      |
| 7                  | LOS CORCHOS              | Quilpué      |
| 8                  | VOLCAN VILLARRICA        | Quilpué      |
| 9                  | LAS PALMAS               | Quilpué      |
| 10                 | LAS BARRANCAS            | Quilpué      |
| 11                 | PIEDRA LANCETA           | Quilpué      |
| 12                 | AV. MARGA MARGA          | Quilpué      |
| 13                 | TRONCAL SUR              | Quilpué      |
| 14                 | LIMACHE                  | Quilpué      |
| 15                 | VIANA                    | Quilpué      |
| 16                 | AV. LA MARINA            | Viña del Mar |
| 17                 | AV. ESCUADRA LIBERTADORA | Viña del Mar |
| 18                 | AV. ESPAÑA               | Valparaíso   |
| 19                 | AV. ERRAZURIZ            | Valparaíso   |
| 20                 | ANTONIO VARAS            | Valparaíso   |
| 21                 | AV. ALTAMIRANO           | Valparaíso   |
| 22                 | AV. PARQUE               | Valparaíso   |
| 23                 | AV. PLAYA ANCHA          | Valparaíso   |
| 24                 | ALCALDE BARRIOS          | Valparaíso   |
| 25                 | GALVARINO                | Valparaíso   |

- Servicio 112

- Ida

| DETALLE DE TRAZADO |                          |              |
|--------------------|--------------------------|--------------|
| Nro                | CALLE                    | COMUNA       |
| 1                  | TIERRAS ROJAS            | Quilpué      |
| 2                  | RAMON ANGEL JARA         | Quilpué      |
| 3                  | AV. MARGA MARGA          | Quilpué      |
| 4                  | LOS BARROS               | Quilpué      |
| 5                  | LAS BARRANCAS            | Quilpué      |
| 6                  | LOS CORCHOS              | Quilpué      |
| 7                  | CUATRO PINOS             | Quilpué      |
| 8                  | LAS PALMAS               | Quilpué      |
| 9                  | PIEDRA LANCETA           | Quilpué      |
| 10                 | LOS DIAMANTES            | Quilpué      |
| 11                 | COLINA DE ORO            | Quilpué      |
| 12                 | ALCALDE SUBERCASEAUX     | Quilpué      |
| 13                 | THOMPSON                 | Quilpué      |
| 14                 | BLANCO ENCALADA          | Quilpué      |
| 15                 | AV. DIEGO PORTALES       | Quilpué      |
| 16                 | AV. LOS CARRERA          | Quilpué      |
| 17                 | TRONCAL                  | Quilpué      |
| 18                 | AV. 1 NORTE              | Viña del Mar |
| 19                 | PUENTE CASINO            | Viña del Mar |
| 20                 | AV. LA MARINA            | Viña del Mar |
| 21                 | AV. ESCUADRA LIBERTADORA | Viña del Mar |
| 22                 | AV. ESPAÑA               | Valparaíso   |
| 23                 | AV. ERRAZURIZ            | Valparaíso   |
| 24                 | ANTONIO VARAS            | Valparaíso   |
| 25                 | AV. ALTAMIRANO           | Valparaíso   |
| 26                 | AV. PARQUE               | Valparaíso   |
| 27                 | AV. PLAYA ANCHA          | Valparaíso   |
| 28                 | ALCALDE BARRIOS          | Valparaíso   |
| 29                 | GALVARINO                | Valparaíso   |

- Regreso

| DETALLE DE TRAZADO |                      |              |
|--------------------|----------------------|--------------|
| Nro                | CALLE                | COMUNA       |
| 1                  | GALVARINO            | Valparaíso   |
| 2                  | ALCALDE BARRIOS      | Valparaíso   |
| 3                  | AV. PLAYA ANCHA      | Valparaíso   |
| 4                  | AV. PARQUE           | Valparaíso   |
| 5                  | AV. ALTAMIRANO       | Valparaíso   |
| 6                  | ANTONIO VARAS        | Valparaíso   |
| 7                  | AV. ERRAZURIZ        | Valparaíso   |
| 8                  | AV. BRASIL NORTE     | Valparaíso   |
| 9                  | AV. ESPAÑA           | Valparaíso   |
| 10                 | AV. LA MARINA        | Viña del Mar |
| 11                 | PUENTE ECUADOR       | Viña del Mar |
| 12                 | AV. 1 NORTE          | Viña del Mar |
| 13                 | TRONCAL              | Quilpué      |
| 14                 | AV. LOS CARRERA      | Quilpué      |
| 15                 | THOMPSON             | Quilpué      |
| 16                 | ALCALDE SUBERCASEAUX | Quilpué      |
| 17                 | COLINA DE ORO        | Quilpué      |
| 18                 | LOS DIAMANTES        | Quilpué      |
| 19                 | PIEDRA LANCETA       | Quilpué      |
| 20                 | LAS PALMAS           | Quilpué      |
| 21                 | CUATRO PINOS         | Quilpué      |
| 22                 | LOS CORCHOS          | Quilpué      |
| 23                 | LAS BARRANCAS        | Quilpué      |
| 24                 | AV. MARGA MARGA      | Quilpué      |
| 25                 | RAMON ANGEL JARA     | Quilpué      |
| 26                 | TIERRAS ROJAS        | Quilpué      |



- Servicio 113

- Ida

| DETALLE DE TRAZADO |                          |               |
|--------------------|--------------------------|---------------|
| Nro                | CALLE                    | COMUNA        |
| 1                  | ALCALDE MIGUEL GANDULFO  | Villa Alemana |
| 2                  | CUARTA                   | Villa Alemana |
| 3                  | ARMANDO CARREARA         | Villa Alemana |
| 4                  | JAZMIN DEL CABO          | Villa Alemana |
| 5                  | ANDROMEDA                | Villa Alemana |
| 6                  | MOZART                   | Villa Alemana |
| 7                  | BEETHOVEN                | Villa Alemana |
| 8                  | OJOS DE AGUA             | Villa Alemana |
| 9                  | 20 DE ENERO              | Quilpué       |
| 10                 | RAMON ANGEL JARA         | Quilpué       |
| 11                 | GREGORIA                 | Quilpué       |
| 12                 | PERU                     | Quilpué       |
| 13                 | AV. V CENTENARIO         | Quilpué       |
| 14                 | EL OCASO                 | Quilpué       |
| 15                 | INHEN                    | Quilpué       |
| 16                 | AV. PEÑUELAS             | Quilpué       |
| 17                 | BADEN POWELL             | Quilpué       |
| 18                 | AV. V CENTENARIO         | Quilpué       |
| 19                 | JOTABECHE                | Quilpué       |
| 20                 | AV. LOS CARRERA          | Quilpué       |
| 21                 | RECOLETA                 | Quilpué       |
| 22                 | AV. MARGA MARGA          | Quilpué       |
| 23                 | BLANCO ENCALADA          | Quilpué       |
| 24                 | SAN MARTIN               | Quilpué       |
| 25                 | AV. FREIRE               | Quilpué       |
| 26                 | AV. DIEGO PORTALES       | Quilpué       |
| 27                 | AV. LOS CARRERA          | Quilpué       |
| 28                 | TRONCAL                  | Quilpué       |
| 29                 | AV. 1 NORTE              | Viña del Mar  |
| 30                 | PUENTE CASINO            | Viña del Mar  |
| 31                 | AV. LA MARINA            | Viña del Mar  |
| 32                 | AV. ESCUADRA LIBERTADORA | Viña del Mar  |
| 33                 | AV. ESPAÑA               | Valparaíso    |
| 34                 | AV. ERRAZURIZ            | Valparaíso    |
| 35                 | ANTONIO VARAS            | Valparaíso    |
| 36                 | AV. ALTAMIRANO           | Valparaíso    |
| 37                 | AV. PARQUE               | Valparaíso    |
| 38                 | AV. PLAYA ANCHA          | Valparaíso    |
| 39                 | ALCALDE BARRIOS          | Valparaíso    |
| 40                 | GALVARINO                | Valparaíso    |

- Regreso

| DETALLE DE TRAZADO |                         |               |
|--------------------|-------------------------|---------------|
| Nro                | CALLE                   | COMUNA        |
| 1                  | GALVARINO               | Valparaíso    |
| 2                  | ALCALDE BARRIOS         | Valparaíso    |
| 3                  | AV. PLAYA ANCHA         | Valparaíso    |
| 4                  | AV. PARQUE              | Valparaíso    |
| 5                  | AV. ALTAMIRANO          | Valparaíso    |
| 6                  | ANTONIO VARAS           | Valparaíso    |
| 7                  | AV. ERRAZURIZ           | Valparaíso    |
| 8                  | AV. BRASIL NORTE        | Valparaíso    |
| 9                  | AV. ESPAÑA              | Valparaíso    |
| 10                 | AV. LA MARINA           | Viña del Mar  |
| 11                 | PUENTE ECUADOR          | Viña del Mar  |
| 12                 | AV. 1 NORTE             | Viña del Mar  |
| 13                 | TRONCAL                 | Quilpué       |
| 14                 | AV. LOS CARRERA         | Quilpué       |
| 15                 | JOTABECHE               | Quilpué       |
| 16                 | AV. V CENTENARIO        | Quilpué       |
| 17                 | BADEN POWELL            | Quilpué       |
| 18                 | AV. PEÑUELAS            | Quilpué       |
| 19                 | INHEN                   | Quilpué       |
| 20                 | EL OCASO                | Quilpué       |
| 21                 | AV. V CENTENARIO        | Quilpué       |
| 22                 | PERU                    | Quilpué       |
| 23                 | GREGORIA                | Quilpué       |
| 24                 | RAMON ANGEL JARA        | Quilpué       |
| 25                 | 20 DE ENERO             | Quilpué       |
| 26                 | OJOS DE AGUA            | Villa Alemana |
| 27                 | ANDROMEDA               | Villa Alemana |
| 28                 | MOZART                  | Villa Alemana |
| 29                 | BEETHOVEN               | Villa Alemana |
| 30                 | JAZMIN DEL CABO         | Villa Alemana |
| 31                 | ARMANDO CARRERA         | Villa Alemana |
| 32                 | CUARTA                  | Villa Alemana |
| 33                 | ALCALDE MIGUEL GANDULFO | Villa Alemana |

- Servicio 114

- Ida

| DETALLE DE TRAZADO |                          |               |
|--------------------|--------------------------|---------------|
| Nro                | CALLE                    | COMUNA        |
| 1                  | RIQUELME                 | Villa Alemana |
| 2                  | SARGENTO ALDEA           | Villa Alemana |
| 3                  | INES DE SUAREZ           | Villa Alemana |
| 4                  | LIMA                     | Villa Alemana |
| 5                  | ARMANDO LATORRE          | Villa Alemana |
| 6                  | MADRID                   | Villa Alemana |
| 7                  | BLANCO ENCALADA          | Villa Alemana |
| 8                  | BERLIN                   | Villa Alemana |
| 9                  | ARMANDO LATORRE          | Villa Alemana |
| 10                 | MADRID                   | Villa Alemana |
| 11                 | CONTRERAS                | Villa Alemana |
| 12                 | LAS AMERICAS             | Villa Alemana |
| 13                 | FABRES                   | Villa Alemana |
| 14                 | LOS NARANJOS             | Villa Alemana |
| 15                 | SANTIAGO                 | Villa Alemana |
| 16                 | GOMEZ CARREÑO            | Villa Alemana |
| 17                 | MATEO DE TORO Y ZANBRANO | Villa Alemana |
| 18                 | AV. EL BELLOTO           | Quilpué       |
| 19                 | EXEQUIEL VALENCIA        | Quilpué       |
| 20                 | GOMEZ CARREÑO            | Quilpué       |
| 21                 | AV. FREIRE               | Quilpué       |
| 22                 | AV. DIEGO PORTALES       | Quilpué       |
| 23                 | AV. LOS CARRERA          | Quilpué       |
| 24                 | TRONCAL                  | Quilpué       |
| 25                 | AV. 1 NORTE              | Viña del Mar  |
| 26                 | PUENTE CASINO            | Viña del Mar  |
| 27                 | AV. LA MARINA            | Viña del Mar  |
| 28                 | AV. ESCUADRA LIBERTADORA | Viña del Mar  |
| 29                 | AV. ESPAÑA               | Valparaíso    |
| 30                 | AV. ERRAZURIZ            | Valparaíso    |
| 31                 | PLAZA WHEELRIGHT         | Valparaíso    |

- Regreso

| DETALLE DE TRAZADO |                          |               |
|--------------------|--------------------------|---------------|
| Nro                | CALLE                    | COMUNA        |
| 1                  | PLAZA WHEELRIGHT         | Valparaíso    |
| 2                  | AV. ERRAZURIZ            | Valparaíso    |
| 3                  | AV. BRASIL NORTE         | Valparaíso    |
| 4                  | AV. ESPAÑA               | Valparaíso    |
| 5                  | AV. LA MARINA            | Viña del Mar  |
| 6                  | PUENTE ECUADOR           | Viña del Mar  |
| 7                  | AV. 1 NORTE              | Viña del Mar  |
| 8                  | TRONCAL                  | Quilpué       |
| 9                  | AV. LOS CARRERA          | Quilpué       |
| 10                 | AV. FREIRE               | Quilpué       |
| 11                 | GOMEZ CARREÑO            | Quilpué       |
| 12                 | EXEQUIEL VALENCIA        | Quilpué       |
| 13                 | AV. EL BELLOTO           | Quilpué       |
| 14                 | MATEO DE TORO Y SANBRANO | Quilpué       |
| 15                 | GOMEZ CARREÑO            | Quilpué       |
| 16                 | SANTIAGO                 | Villa Alemana |
| 17                 | LOS NARANJOS             | Villa Alemana |
| 18                 | FABRES                   | Villa Alemana |
| 19                 | LAS AMERICAS             | Villa Alemana |
| 20                 | CONTRERAS                | Villa Alemana |
| 21                 | MADRID                   | Villa Alemana |
| 22                 | BLANCO ENCALADA          | Villa Alemana |
| 23                 | BERLIN                   | Villa Alemana |
| 24                 | ARMANDO LATORRE          | Villa Alemana |
| 25                 | LIMA                     | Villa Alemana |
| 26                 | INES DE SUAREZ           | Villa Alemana |
| 27                 | SARGENTO ALDEA           | Villa Alemana |
| 28                 | RIQUELME                 | Villa Alemana |

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- Ida

| DETALLE DE TRAZADO |                          |              |
|--------------------|--------------------------|--------------|
| Nro                | CALLE                    | COMUNA       |
| 1                  | TIERRAS ROJAS            | Quilpué      |
| 2                  | LA AGUADA                | Quilpué      |
| 3                  | FUENTE CLARA PONIENTE    | Quilpué      |
| 4                  | FUENTE CLARA NORTE       | Quilpué      |
| 5                  | EL OCASO                 | Quilpué      |
| 6                  | LA AGUADA                | Quilpué      |
| 7                  | TRONCOS VIEJOS           | Quilpué      |
| 8                  | RAMON ANGEL JARA         | Quilpué      |
| 9                  | SERENA                   | Quilpué      |
| 10                 | AV. FREIRE               | Quilpué      |
| 11                 | DIEGO PORTALES           | Quilpué      |
| 12                 | AV. LOS CARRERA          | Quilpué      |
| 13                 | TRONCAL                  | Quilpué      |
| 14                 | AV. 1 NORTE              | Viña del Mar |
| 15                 | PUENTE CASINO            | Viña del Mar |
| 16                 | AV. LA MARINA            | Viña del Mar |
| 17                 | AV. ESCUADRA LIBERTADORA | Viña del Mar |
| 18                 | AV. ESPAÑA               | Valparaíso   |
| 19                 | AV. ERRAZURIZ            | Valparaíso   |
| 20                 | ANTONIO VARAS            | Valparaíso   |
| 21                 | AV. ALTAMIRANO           | Valparaíso   |
| 22                 | AV. PARQUE               | Valparaíso   |
| 23                 | AV. PLAYA ANCHA          | Valparaíso   |
| 24                 | ALCALDE BARRIOS          | Valparaíso   |
| 25                 | GALVARINO                | Valparaíso   |

- Regreso

| DETALLE DE TRAZADO |                       |              |
|--------------------|-----------------------|--------------|
| Nro                | CALLE                 | COMUNA       |
| 1                  | GALVARINO             | Valparaíso   |
| 2                  | ALCALDE BARRIOS       | Valparaíso   |
| 3                  | AV. PLAYA ANCHA       | Valparaíso   |
| 4                  | AV. PARQUE            | Valparaíso   |
| 5                  | AV. ALTAMIRANO        | Valparaíso   |
| 6                  | ANTONIO VARAS         | Valparaíso   |
| 7                  | AV. ERRAZURIZ         | Valparaíso   |
| 8                  | AV. BRASIL NORTE      | Valparaíso   |
| 9                  | AV. ESPAÑA            | Valparaíso   |
| 10                 | AV. LA MARINA         | Viña del Mar |
| 11                 | PUENTE ECUADOR        | Viña del Mar |
| 12                 | AV. 1 NORTE           | Viña del Mar |
| 13                 | TRONCAL               | Quilpué      |
| 14                 | AV. LOS CARRERA       | Quilpué      |
| 15                 | AV. FREIRE            | Quilpué      |
| 16                 | SERENA                | Quilpué      |
| 17                 | RAMON ANGEL JARA      | Quilpué      |
| 18                 | TRONCOS VIEJOS        | Quilpué      |
| 19                 | LA AGUADA             | Quilpué      |
| 20                 | EL OCASO              | Quilpué      |
| 21                 | FUENTE CLARA NORTE    | Quilpué      |
| 22                 | FUENTE CLARA PONIENTE | Quilpué      |
| 23                 | LA AGUADA             | Quilpué      |
| 24                 | TIERRAS ROJAS         | Quilpué      |

- Servicio 115D  
- Ida

| DETALLE DE TRAZADO |                          |              |
|--------------------|--------------------------|--------------|
| Nro                | CALLE                    | COMUNA       |
| 1                  | TIERRAS ROJAS            | Quilpué      |
| 2                  | LA AGUADA                | Quilpué      |
| 3                  | FUENTE CLARA PONIENTE    | Quilpué      |
| 4                  | FUENTE CLARA NORTE       | Quilpué      |
| 5                  | EL OCASO                 | Quilpué      |
| 6                  | LA AGUADA                | Quilpué      |
| 7                  | TRONCOS VIEJOS           | Quilpué      |
| 8                  | SERENA                   | Quilpué      |
| 9                  | TIERRAS ROJAS            | Quilpué      |
| 10                 | RAMON ANGEL JARA         | Quilpué      |
| 11                 | MARGA MARGA              | Quilpué      |
| 12                 | TRONCAL SUR              | Quilpué      |
| 13                 | LIMACHE                  | Viña del Mar |
| 14                 | AV. LA MARINA            | Viña del Mar |
| 15                 | AV. ESCUADRA LIBERTADORA | Viña del Mar |
| 16                 | AV. ESPAÑA               | Valparaíso   |
| 17                 | AV. ERRAZURIZ            | Valparaíso   |
| 18                 | ANTONIO VARAS            | Valparaíso   |
| 19                 | AV. ALTAMIRANO           | Valparaíso   |
| 20                 | AV. PARQUE               | Valparaíso   |
| 21                 | AV. PLAYA ANCHA          | Valparaíso   |
| 22                 | ALCALDE BARRIOS          | Valparaíso   |
| 23                 | GALVARINO                | Valparaíso   |

- Servicio 116 A

- Ida

| DETALLE DE TRAZADO |                           |               |
|--------------------|---------------------------|---------------|
| Nro                | CALLE                     | COMUNA        |
| 1                  | SAN ENRIQUE               | Villa Alemana |
| 2                  | LOURDES                   | Villa Alemana |
| 3                  | MATURANA                  | Villa Alemana |
| 4                  | VICTORIA                  | Villa Alemana |
| 5                  | AV. IGNACIO CARRERA PINTO | Villa Alemana |
| 6                  | AV. VALPARAISO            | Villa Alemana |
| 7                  | HUANHUALI                 | Villa Alemana |
| 8                  | PORVENIR SUR              | Villa Alemana |
| 9                  | MARIA MERCEDES            | Villa Alemana |
| 10                 | SANTA MARGARITA           | Villa Alemana |
| 11                 | SAN AGUSTIN               | Villa Alemana |

- Servicio 116 B

- Ida

| DETALLE DE TRAZADO |                 |               |
|--------------------|-----------------|---------------|
| Nro                | CALLE           | COMUNA        |
| 1                  | SAN ENRIQUE     | Villa Alemana |
| 2                  | SAN AGUSTIN     | Villa Alemana |
| 3                  | SANTA MARGARITA | Villa Alemana |
| 4                  | MARIA MERCEDES  | Villa Alemana |
| 5                  | PORVENIR SUR    | Villa Alemana |
| 6                  | HUANHUALI       | Villa Alemana |
| 7                  | AV. VALPARAISO  | Villa Alemana |
| 8                  | MATURANA        | Villa Alemana |
| 9                  | LOURDES         | Villa Alemana |
| 10                 | SAN ENRIQUE     | Villa Alemana |

- Servicio 117

- Ida

| DETALLE DE TRAZADO |                    |         |
|--------------------|--------------------|---------|
| Nro                | CALLE              | COMUNA  |
| 1                  | BRUSELAS           | Quilpué |
| 2                  | GRANADA            | Quilpué |
| 3                  | AV. EL RETIRO      | Quilpué |
| 4                  | ROOSEVELT          | Quilpué |
| 5                  | GENERAL BUSTAMANTE | Quilpué |
| 6                  | ENRIQUE COSTA      | Quilpué |
| 7                  | GENERAL VELASQUEZ  | Quilpué |
| 8                  | IRARRAZABAL        | Quilpué |
| 9                  | ANIBAL PINTO       | Quilpué |

- Regreso

| DETALLE DE TRAZADO |                    |         |
|--------------------|--------------------|---------|
| Nro                | CALLE              | COMUNA  |
| 1                  | ANIBAL PINTO       | Quilpué |
| 2                  | ANDRES BELLO       | Quilpué |
| 3                  | VICUÑA MACKENNA    | Quilpué |
| 4                  | IRARRAZABAL        | Quilpué |
| 5                  | GENERAL VELASQUEZ  | Quilpué |
| 6                  | ENRIQUE COSTA      | Quilpué |
| 7                  | GENERAL BUSTAMANTE | Quilpué |
| 8                  | ROOSEVELT          | Quilpué |
| 9                  | AV. EL RETIRO      | Quilpué |
| 10                 | GRANADA            | Quilpué |
| 11                 | BRUSELAS           | Quilpué |



- Servicio 119

- Ida

| DETALLE DE TRAZADO |                              |               |
|--------------------|------------------------------|---------------|
| Nro                | CALLE                        | COMUNA        |
| 1                  | LAS ACACIAS                  | Villa Alemana |
| 2                  | EL RINCON                    | Villa Alemana |
| 3                  | MANUEL MONTT                 | Villa Alemana |
| 4                  | BAQUEDANO                    | Villa Alemana |
| 5                  | AV. VALPARAISO               | Villa Alemana |
| 6                  | VENECIA                      | Villa Alemana |
| 7                  | CASSANO                      | Villa Alemana |
| 8                  | VEINTINUEVE DE JUNIO         | Villa Alemana |
| 9                  | ALCALDE RODOLFO GALLEGUILLOS | Villa Alemana |
| 10                 | 2° DE LINEA                  | Villa Alemana |
| 11                 | LAS ARAUCARIAS               | Villa Alemana |
| 12                 | LOS PEUMOS                   | Villa Alemana |
| 13                 | EL ROCIO                     | Villa Alemana |
| 14                 | TRONCOS VIEJOS               | Quilpué       |
| 15                 | TIERRAS ROJAS                | Quilpué       |
| 16                 | LOS LIRIOS                   | Quilpué       |
| 17                 | OVALLE                       | Quilpué       |
| 18                 | LOS NARDOS                   | Quilpué       |
| 19                 | AV. MARGA MARGA              | Quilpué       |
| 20                 | BUENOS AIRES                 | Quilpué       |
| 21                 | SAN MARTIN                   | Quilpué       |
| 22                 | BLANCO ENCALADA              | Quilpué       |
| 23                 | ARAYA                        | Quilpué       |
| 24                 | AV. FREIRE                   | Quilpué       |
| 25                 | AV. DIEGO PORTALES           | Quilpué       |
| 26                 | AV. LOS CARRERA              | Quilpué       |
| 27                 | VICUÑA MACKENNA              | Quilpué       |
| 28                 | IRARRAZABAL                  | Quilpué       |
| 29                 | ANIBAL PINTO                 | Quilpué       |
| 30                 | AV. LOS CARRERA              | Quilpué       |
| 31                 | PEDRO MONTT                  | Quilpué       |
| 32                 | SANTA ROSA                   | Quilpué       |
| 33                 | MANUEL PLAZA                 | Quilpué       |
| 34                 | ANITA LIZANA                 | Quilpué       |
| 35                 | HUMBOLDT                     | Quilpué       |
| 36                 | ATACAMA                      | Quilpué       |
| 37                 | QUIDORA                      | Quilpué       |
| 38                 | FRODEN                       | Quilpué       |
| 39                 | JULIO VELASCO                | Quilpué       |
| 40                 | SAN FRANCISCO DE ASIS        | Quilpué       |
| 41                 | ORTIZ VEGA                   | Quilpué       |
| 42                 | BERNARDO O´HIGGINS           | Quilpué       |
| 43                 | SOLIDARIDAD                  | Quilpué       |
| 44                 | CALLE 10                     | Quilpué       |
| 45                 | CALLE 5                      | Quilpué       |
| 46                 | CALLE 6                      | Quilpué       |

- Regreso

| DETALLE DE TRAZADO |                              |               |
|--------------------|------------------------------|---------------|
| Nro                | CALLE                        | COMUNA        |
| 1                  | CALLE 6                      | Quilpué       |
| 2                  | CALLE 3                      | Quilpué       |
| 3                  | CALLE 10                     | Quilpué       |
| 4                  | SOLIDARIDAD                  | Quilpué       |
| 5                  | BERNARDO O´HIGGINS           | Quilpué       |
| 6                  | ORTIZ VEGA                   | Quilpué       |
| 7                  | SAN FRANCISCO DE ASIS        | Quilpué       |
| 8                  | JULIO VELASCO                | Quilpué       |
| 9                  | FRODEN                       | Quilpué       |
| 10                 | QUIDORA                      | Quilpué       |
| 11                 | HUMBOLDT                     | Quilpué       |
| 12                 | ANITA LIZANA                 | Quilpué       |
| 13                 | MANUEL PLAZA                 | Quilpué       |
| 14                 | SANTA ROSA                   | Quilpué       |
| 15                 | PEDRO MONTT                  | Quilpué       |
| 16                 | AV. LOS CARRERA              | Quilpué       |
| 17                 | SAN MARTIN                   | Quilpué       |
| 18                 | BUENOS AIRES                 | Quilpué       |
| 19                 | AV. MARGA MARGA              | Quilpué       |
| 20                 | LOS NARDOS                   | Quilpué       |
| 21                 | OVALLE                       | Quilpué       |
| 22                 | LOS LIRIOS                   | Quilpué       |
| 23                 | TIERRAS ROJAS                | Quilpué       |
| 24                 | TRONCOS VIEJOS               | Villa Alemana |
| 25                 | EL ROCIO                     | Villa Alemana |
| 26                 | LOS PEUMOS                   | Villa Alemana |
| 27                 | LAS ARAUCARIAS               | Villa Alemana |
| 28                 | LOS ALERCES                  | Villa Alemana |
| 29                 | ALCALDE RODOLFO GALLEGUILLOS | Villa Alemana |
| 30                 | AV. VALPARAISO               | Villa Alemana |
| 31                 | BAQUEDANO                    | Villa Alemana |
| 32                 | MANUEL MONTT                 | Villa Alemana |
| 33                 | EL RINCON                    | Villa Alemana |
| 34                 | LAS ACACIAS                  | Villa Alemana |

- Servicio 120

- Ida

| DETALLE DE TRAZADO |                              |               |
|--------------------|------------------------------|---------------|
| Nro                | CALLE                        | COMUNA        |
| 1                  | PLAZA ZAPADORES              | Villa Alemana |
| 2                  | EL ABANDERADO                | Villa Alemana |
| 3                  | SANTA SARA                   | Villa Alemana |
| 4                  | LOURDES                      | Villa Alemana |
| 5                  | MATURANA                     | Villa Alemana |
| 6                  | VICTORIA                     | Villa Alemana |
| 7                  | AV. IGNACIO CARRERA PINTO    | Villa Alemana |
| 8                  | AV. VALPARAISO               | Villa Alemana |
| 9                  | SAN ENRIQUE                  | Villa Alemana |
| 10                 | YUNGAY                       | Villa Alemana |
| 11                 | PORVENIR SUR                 | Villa Alemana |
| 12                 | ROCIO                        | Villa Alemana |
| 13                 | ALCALDE RODOLFO GALLEGUILLOS | Villa Alemana |
| 14                 | ROCIO                        | Villa Alemana |
| 15                 | DON VITTORIO                 | Villa Alemana |

- Regreso

| DETALLE DE TRAZADO |                 |               |
|--------------------|-----------------|---------------|
| Nro                | CALLE           | COMUNA        |
| 1                  | DON VITTORIO    | Villa Alemana |
| 2                  | HUANHUALI       | Villa Alemana |
| 3                  | CARLOS SAAVEDRA | Villa Alemana |
| 4                  | ROCIO           | Villa Alemana |
| 5                  | PORVENIR SUR    | Villa Alemana |
| 6                  | YUNGAY          | Villa Alemana |
| 7                  | SAN ENRIQUE     | Villa Alemana |
| 8                  | AV. VALPARAISO  | Villa Alemana |
| 9                  | MATURANA        | Villa Alemana |
| 10                 | LOURDES         | Villa Alemana |
| 11                 | SANTA SARA      | Villa Alemana |
| 12                 | ABANDERADO      | Villa Alemana |
| 13                 | ZAPADORES       | Villa Alemana |
| 14                 | PLAZA ZAPADORES | Villa Alemana |

- Servicio 121

- Ida

| DETALLE DE TRAZADO |                    |         |
|--------------------|--------------------|---------|
| Nro                | CALLE              | COMUNA  |
| 1                  | TIERRAS ROJAS      | Quilpué |
| 2                  | LOS LIRIOS         | Quilpué |
| 3                  | SAN PEDRO          | Quilpué |
| 4                  | LORD COCHRANE      | Quilpué |
| 5                  | PARINACOTA         | Quilpué |
| 6                  | LOS LIRIOS         | Quilpué |
| 7                  | TIERRAS ROJAS      | Quilpué |
| 8                  | EL ALBA            | Quilpué |
| 9                  | TRONCOS VIEJOS     | Quilpué |
| 10                 | SERENA             | Quilpué |
| 11                 | AV. FREIRE         | Quilpué |
| 12                 | AV. DIEGO PORTALES | Quilpué |
| 13                 | AV. LOS CARRERA    | Quilpué |
| 14                 | ESTRELLA POLAR     | Quilpué |
| 15                 | CRUZ DEL SUR       | Quilpué |
| 16                 | LOS LUNES          | Quilpué |
| 17                 | TRONCAL            | Quilpué |
| 18                 | ALEMANIA           | Quilpué |
| 19                 | INGLATERRA         | Quilpué |
| 20                 | NUEVA ZELANDIA     | Quilpué |

- Regreso

| DETALLE DE TRAZADO |                 |         |
|--------------------|-----------------|---------|
| Nro                | CALLE           | COMUNA  |
| 1                  | NUEVA ZELANDIA  | Quilpué |
| 2                  | INGLATERRA      | Quilpué |
| 3                  | ALEMANIA        | Quilpué |
| 4                  | LOS LUNES       | Quilpué |
| 5                  | CRUZ DEL SUR    | Quilpué |
| 6                  | ESTRELLA POLAR  | Quilpué |
| 7                  | AV. LOS CARRERA | Quilpué |
| 8                  | AV. FREIRE      | Quilpué |
| 9                  | SERENA          | Quilpué |
| 10                 | TRONCOS VIEJOS  | Quilpué |
| 11                 | EL ALBA         | Quilpué |
| 12                 | TIERRAS ROJAS   | Quilpué |
| 13                 | LOS LIRIOS      | Quilpué |
| 14                 | PARINACOTA      | Quilpué |
| 15                 | LORD COCHRANE   | Quilpué |
| 16                 | SAN PEDRO       | Quilpué |
| 17                 | LOS LIRIOS      | Quilpué |
| 18                 | TIERRAS ROJAS   | Quilpué |

- Servicio 122

- Ida

| DETALLE DE TRAZADO |                          |               |
|--------------------|--------------------------|---------------|
| Nro                | CALLE                    | COMUNA        |
| 1                  | PAUL HARRIS              | Villa Alemana |
| 2                  | CASTELLON                | Villa Alemana |
| 3                  | BERNARDO LEIGHTON        | Villa Alemana |
| 4                  | MANUEL MONTT             | Villa Alemana |
| 5                  | BAQUEDANO                | Villa Alemana |
| 6                  | AV. VALPARAISO           | Villa Alemana |
| 7                  | PATRICIO LYNCH           | Villa Alemana |
| 8                  | BUENOS AIRES             | Villa Alemana |
| 9                  | PROGRESO                 | Villa Alemana |
| 10                 | MADRID                   | Villa Alemana |
| 11                 | ARANDA                   | Villa Alemana |
| 12                 | BERLIN                   | Villa Alemana |
| 13                 | LAS AMERICAS             | Villa Alemana |
| 14                 | LAGO RIÑIHUE             | Villa Alemana |
| 15                 | UNION                    | Villa Alemana |
| 16                 | CONTRERAS                | Villa Alemana |
| 17                 | LAS AMERICAS             | Villa Alemana |
| 18                 | FABRES                   | Villa Alemana |
| 19                 | LOS NARANJOS             | Villa Alemana |
| 20                 | SANTIAGO                 | Villa Alemana |
| 21                 | GOMEZ CARREÑO            | Quilpué       |
| 22                 | MATEO DE TORO Y ZAMBRANO | Quilpué       |
| 23                 | AV. EL BELLOTO           | Quilpué       |
| 24                 | AVIADOR ACEVEDO          | Quilpué       |
| 25                 | GOMEZ CARREÑO            | Quilpué       |
| 26                 | AV. FREIRE               | Quilpué       |
| 27                 | AV. DIEGO PORTALES       | Quilpué       |
| 28                 | AV. LOS CARRERA          | Quilpué       |
| 29                 | VICUÑA MACKENNA          | Quilpué       |
| 30                 | IRARRAZABAL              | Quilpué       |
| 31                 | ANIBAL PINTO             | Quilpué       |
| 32                 | AV. LOS CARRERA          | Quilpué       |
| 33                 | THOMPSON                 | Quilpué       |
| 34                 | ALCALDE SUBERCASEAUX     | Quilpué       |
| 35                 | COLINA DE ORO            | Quilpué       |
| 36                 | LAS ESMERALDAS           | Quilpué       |
| 37                 | LA PLATA                 | Quilpué       |
| 38                 | LOS ZAFIROS              | Quilpué       |
| 39                 | LAS MALAQUITAS           | Quilpué       |
| 40                 | LOS DIAMANTES            | Quilpué       |
| 41                 | LAS PALMAS               | Quilpué       |
| 42                 | 4 PINOS                  | Quilpué       |
| 43                 | VOLCAN MAIPO             | Quilpué       |
| 44                 | VOLCAN VILLARRICA        | Quilpué       |
| 45                 | LOS CORCHOS              | Quilpué       |

- Regreso

| DETALLE DE TRAZADO |                          |               |
|--------------------|--------------------------|---------------|
| Nro                | CALLE                    | COMUNA        |
| 1                  | LAS BARRANCAS            | Quilpué       |
| 2                  | LAS PALMAS               | Quilpué       |
| 3                  | LOS DIAMANTES            | Quilpué       |
| 4                  | LOS TOPACIOS             | Quilpué       |
| 5                  | LOS PLATINOS             | Quilpué       |
| 6                  | LOS ZAFIROS              | Quilpué       |
| 7                  | LA PLATA                 | Quilpué       |
| 8                  | LAS ESMERALDAS           | Quilpué       |
| 9                  | COLINA DE ORO            | Quilpué       |
| 10                 | ALCALDE SUBERCASEAUX     | Quilpué       |
| 11                 | THOMPSON                 | Quilpué       |
| 12                 | BUENOS AIRES             | Quilpué       |
| 13                 | CUMMING                  | Quilpué       |
| 14                 | SAMUEL VALENCIA          | Quilpué       |
| 15                 | MENA                     | Quilpué       |
| 16                 | VICUÑA MACKENNA          | Quilpué       |
| 17                 | IRARRAZABAL              | Quilpué       |
| 18                 | ANIBAL PINTO             | Quilpué       |
| 19                 | AV. LOS CARRERA          | Quilpué       |
| 20                 | AV. FREIRE               | Quilpué       |
| 21                 | GOMEZ CARREÑO            | Quilpué       |
| 22                 | AVIADOR ACEVEDO          | Quilpué       |
| 23                 | AV. EL BELLOTO           | Quilpué       |
| 24                 | MATEO DE TORO Y ZAMBRANO | Quilpué       |
| 25                 | GOMEZ CARREÑO            | Quilpué       |
| 26                 | SANTIAGO                 | Villa Alemana |
| 27                 | LOS NARANJOS             | Villa Alemana |
| 28                 | FABRES                   | Villa Alemana |
| 29                 | LAS AMERICAS             | Villa Alemana |
| 30                 | CONTRERAS                | Villa Alemana |
| 31                 | UNION                    | Villa Alemana |
| 32                 | LAGO RIÑIHUE             | Villa Alemana |
| 33                 | LAS AMERICAS             | Villa Alemana |
| 34                 | BERLIN                   | Villa Alemana |
| 35                 | ARANDA                   | Villa Alemana |
| 36                 | MADRID                   | Villa Alemana |
| 37                 | PROGRESO                 | Villa Alemana |
| 38                 | AV. VALPARAISO           | Villa Alemana |
| 39                 | BAQUEDANO                | Villa Alemana |
| 40                 | MANUEL MONTT             | Villa Alemana |
| 41                 | BERNARDO LEIGHTON        | Villa Alemana |
| 42                 | CASTELLON                | Villa Alemana |
| 43                 | PAUL HARRIS              | Villa Alemana |

- Servicio 125

- Ida

| DETALLE DE TRAZADO |                              |               |
|--------------------|------------------------------|---------------|
| Nro                | CALLE                        | COMUNA        |
| 1                  | LAS ACACIAS                  | Villa Alemana |
| 2                  | BERNARDO LEIGHTON            | Villa Alemana |
| 3                  | MANUEL MONTT                 | Villa Alemana |
| 4                  | BAQUEDANO                    | Villa Alemana |
| 5                  | AV. VALPARAISO               | Villa Alemana |
| 6                  | VENECIA                      | Villa Alemana |
| 7                  | CASSANO                      | Villa Alemana |
| 8                  | ALCALDE RODOLFO GALLEGUILLOS | Villa Alemana |
| 9                  | 2° DE LINEA                  | Villa Alemana |
| 10                 | LAS ARAUCARIAS               | Villa Alemana |
| 11                 | LOS PEUMOS                   | Villa Alemana |
| 12                 | EL ROCIO                     | Villa Alemana |
| 13                 | TRONCOS VIEJOS               | Quilpué       |
| 14                 | TIERRAS ROJAS                | Quilpué       |
| 15                 | LOS LIRIOS                   | Quilpué       |
| 16                 | OVALLE                       | Quilpué       |
| 17                 | LOS NARDOS                   | Quilpué       |
| 18                 | AV. MARGA MARGA              | Quilpué       |
| 19                 | BUENOS AIRES                 | Quilpué       |
| 20                 | SAN MARTIN                   | Quilpué       |
| 21                 | BLANCO ENCALADA              | Quilpué       |
| 22                 | ARAYA                        | Quilpué       |
| 23                 | AV. FREIRE                   | Quilpué       |
| 24                 | AV. DIEGO PORTALES           | Quilpué       |
| 25                 | AV. LOS CARRERA              | Quilpué       |
| 26                 | VICUÑA MACKENNA              | Quilpué       |
| 27                 | IRARRAZABAL                  | Quilpué       |
| 28                 | ANIBAL PINTO                 | Quilpué       |
| 29                 | AV. LOS CARRERA              | Quilpué       |
| 30                 | AV. FREIRE                   | Quilpué       |
| 31                 | GOMEZ CARREÑO                | Quilpué       |
| 32                 | AVIADOR ACEVEDO              | Quilpué       |
| 33                 | AV. DEL TRABAJADOR           | Quilpué       |
| 34                 | MATEO DE TORO Y ZAMBRANO     | Quilpué       |
| 35                 | AV. EL BELLOTO               | Quilpué       |
| 36                 | FRUTILLAR                    | Quilpué       |
| 37                 | UNION                        | Quilpué       |
| 38                 | SANTIAGO                     | Quilpué       |
| 39                 | LOS NARANJOS                 | Quilpué       |
| 40                 | SAN JUAN                     | Quilpué       |
| 41                 | LINCOYAN                     | Quilpué       |

- Regreso

| DETALLE DE TRAZADO |                              |               |
|--------------------|------------------------------|---------------|
| Nro                | CALLE                        | COMUNA        |
| 1                  | LINCOYABN                    | Quilpué       |
| 2                  | ATAHUALPA                    | Quilpué       |
| 3                  | UNION                        | Quilpué       |
| 4                  | SAN JUAN                     | Quilpué       |
| 5                  | LOS NARANJOS                 | Quilpué       |
| 6                  | SANTIAGO                     | Quilpué       |
| 7                  | UNION                        | Quilpué       |
| 8                  | FRUTILLAR                    | Quilpué       |
| 9                  | AV. EL BELLOTO               | Quilpué       |
| 10                 | MATEO DE TORO Y ZAMBRANO     | Quilpué       |
| 11                 | AV. EL TRABAJADOR            | Quilpué       |
| 12                 | AVIADOR ACEVEDO              | Quilpué       |
| 13                 | GOMEZ CARREÑO                | Quilpué       |
| 14                 | AV. FREIRE                   | Quilpué       |
| 15                 | AV. DIEGO PORTALES           | Quilpué       |
| 16                 | AV. LOS CARRERA              | Quilpué       |
| 17                 | VICUÑA MACKENNA              | Quilpué       |
| 18                 | IRARRAZABAL                  | Quilpué       |
| 19                 | ANIBAL PINTO                 | Quilpué       |
| 20                 | AV. LOS CARRERA              | Quilpué       |
| 21                 | SAN MARTIN                   | Quilpué       |
| 22                 | BUENOS AIRES                 | Quilpué       |
| 23                 | AV. MARGA MARGA              | Quilpué       |
| 24                 | LOS NARDOS                   | Quilpué       |
| 25                 | OVALLE                       | Quilpué       |
| 26                 | LOS LIRIOS                   | Quilpué       |
| 27                 | TIERRAS ROJAS                | Quilpué       |
| 28                 | TRONCOS VIEJOS               | Quilpué       |
| 29                 | EL ROCIO                     | Villa Alemana |
| 30                 | LOS PEUMOS                   | Villa Alemana |
| 31                 | LAS ARAUCARIAS               | Villa Alemana |
| 32                 | LOS ALERCES                  | Villa Alemana |
| 33                 | ALCALDE RODOLFO GALLEGUILLOS | Villa Alemana |
| 34                 | AV. VALPARAISO               | Villa Alemana |
| 35                 | BAQUEDANO                    | Villa Alemana |
| 36                 | MANUEL MONTT                 | Villa Alemana |
| 37                 | BERNARDO LEIGHTON            | Villa Alemana |
| 38                 | LAS ACACIAS                  | Villa Alemana |



- Servicio 126

- Ida

| DETALLE DE TRAZADO |                    |         |
|--------------------|--------------------|---------|
| Nro                | CALLE              | COMUNA  |
| 1                  | VICUÑA MACKENNA    | Quilpué |
| 2                  | IRARRAZABAL        | Quilpué |
| 3                  | GENERAL VELASQUEZ  | Quilpué |
| 4                  | ENRIQUE COSTA      | Quilpué |
| 5                  | GENERAL BUSTAMANTE | Quilpué |
| 6                  | ROOSEVELT          | Quilpué |
| 7                  | SAN ENRIQUE        | Quilpué |
| 8                  | CARDENAL CARO      | Quilpué |

- Regreso

| DETALLE DE TRAZADO |                   |         |
|--------------------|-------------------|---------|
| Nro                | CALLE             | COMUNA  |
| 1                  | CARDENAL CARO     | Quilpué |
| 2                  | VENECIA           | Quilpué |
| 3                  | INDEPENDENCIA     | Quilpué |
| 4                  | SAN ENRIQUE       | Quilpué |
| 5                  | ROOSEVELT         | Quilpué |
| 6                  | ENRIQUE COSTA     | Quilpué |
| 7                  | GENERAL VELASQUEZ | Quilpué |
| 8                  | IRARRAZABAL       | Quilpué |
| 9                  | ANIBAL PINTO      | Quilpué |
| 10                 | ANDRES BELLO      | Quilpué |
| 11                 | VICUÑA MACKENNA   | Quilpué |

B. DE LAS FRECUENCIAS

- Servicio 101

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 | Alta         | 4                        |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 5                        | Media        | 2                        |                   |                          |
| 8       | 08:00-08:59 | Alta         | 5                        | Alta         | 3                        | Alta              | 3                        |
| 9       | 09:00-09:59 | Alta         | 4                        | Alta         | 3                        | Alta              | 3                        |
| 10      | 10:00-10:59 | Alta         | 4                        | Alta         | 3                        | Alta              | 3                        |
| 11      | 11:00-11:59 | Alta         | 4                        | Alta         | 3                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Media        | 2                        |              |                          |                   |                          |
| 20      | 20:00-20:59 |              |                          |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 51                       |              | 28                       |                   | 25                       |

- Regreso

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 |              |                          |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 4                        | Media        | 2                        |                   |                          |
| 9       | 09:00-09:59 | Alta         | 5                        | Media        | 2                        | Media             | 2                        |
| 10      | 10:00-10:59 | Alta         | 5                        | Alta         | 3                        | Alta              | 3                        |
| 11      | 11:00-11:59 | Alta         | 4                        | Alta         | 3                        | Alta              | 3                        |
| 12      | 12:00-12:59 | Alta         | 4                        | Alta         | 3                        | Alta              | 3                        |
| 13      | 13:00-13:59 | Alta         | 4                        | Alta         | 3                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 20      | 20:00-20:59 | Media        | 2                        |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 47                       |              | 28                       |                   | 25                       |

- Servicio 102

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 | Media        | 3                        |              |                          |                   |                          |
| 6       | 06:00-06:59 | Alta         | 4                        |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 5                        | Media        | 3                        |                   |                          |
| 8       | 08:00-08:59 | Alta         | 5                        | Media        | 3                        | Media             | 3                        |
| 9       | 09:00-09:59 | Alta         | 5                        | Media        | 3                        | Media             | 3                        |
| 10      | 10:00-10:59 | Alta         | 4                        | Media        | 3                        | Media             | 3                        |
| 11      | 11:00-11:59 | Alta         | 4                        | Media        | 3                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 4                        | Media        | 3                        | Media             | 3                        |
| 16      | 16:00-16:59 | Alta         | 4                        | Media        | 3                        | Media             | 3                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Media        | 3                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Media        | 2                        | Media        | 2                        | Media             | 2                        |
| 20      | 20:00-20:59 |              |                          |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 59                       |              | 33                       |                   | 29                       |

- Regreso

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 | Media        | 3                        |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 4                        |              |                          |                   |                          |
| 9       | 09:00-09:59 | Alta         | 5                        | Media        | 3                        |                   |                          |
| 10      | 10:00-10:59 | Alta         | 5                        | Media        | 3                        | Media             | 3                        |
| 11      | 11:00-11:59 | Alta         | 5                        | Media        | 3                        | Media             | 3                        |
| 12      | 12:00-12:59 | Alta         | 4                        | Media        | 3                        | Media             | 3                        |
| 13      | 13:00-13:59 | Alta         | 4                        | Media        | 3                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 3                        | Media             | 3                        |
| 18      | 18:00-18:59 | Alta         | 4                        | Media        | 3                        | Media             | 3                        |
| 19      | 19:00-19:59 | Media        | 3                        | Media        | 2                        | Media             | 2                        |
| 20      | 20:00-20:59 | Media        | 2                        | Media        | 2                        | Media             | 2                        |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 55                       |              | 31                       |                   | 27                       |

- Servicio 102D

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 | Alta         | 2                        |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 2                        |              |                          |                   |                          |
| 8       | 08:00-08:59 |              |                          |              |                          |                   |                          |
| 9       | 09:00-09:59 |              |                          |              |                          |                   |                          |
| 10      | 10:00-10:59 |              |                          |              |                          |                   |                          |
| 11      | 11:00-11:59 |              |                          |              |                          |                   |                          |
| 12      | 12:00-12:59 |              |                          |              |                          |                   |                          |
| 13      | 13:00-13:59 |              |                          |              |                          |                   |                          |
| 14      | 14:00-14:59 |              |                          |              |                          |                   |                          |
| 15      | 15:00-15:59 |              |                          |              |                          |                   |                          |
| 16      | 16:00-16:59 |              |                          |              |                          |                   |                          |
| 17      | 17:00-17:59 |              |                          |              |                          |                   |                          |
| 18      | 18:00-18:59 |              |                          |              |                          |                   |                          |
| 19      | 19:00-19:59 |              |                          |              |                          |                   |                          |
| 20      | 20:00-20:59 |              |                          |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 4                        |              |                          |                   |                          |

- Servicio 103

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 | Media        | 3                        |              |                          |                   |                          |
| 6       | 06:00-06:59 | Alta         | 4                        |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 5                        | Media        | 3                        |                   |                          |
| 8       | 08:00-08:59 | Alta         | 5                        | Media        | 3                        | Media             | 2                        |
| 9       | 09:00-09:59 | Alta         | 5                        | Media        | 3                        | Media             | 2                        |
| 10      | 10:00-10:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 11      | 11:00-11:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Media        | 3                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Media        | 2                        | Media        | 2                        | Media             | 2                        |
| 20      | 20:00-20:59 |              |                          |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 59                       |              | 29                       |                   | 24                       |

- Regreso

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 | Media        | 3                        |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 4                        |              |                          |                   |                          |
| 9       | 09:00-09:59 | Alta         | 5                        | Media        | 3                        |                   |                          |
| 10      | 10:00-10:59 | Alta         | 5                        | Media        | 3                        | Media             | 2                        |
| 11      | 11:00-11:59 | Alta         | 5                        | Media        | 3                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Media        | 3                        | Media        | 2                        | Media             | 2                        |
| 20      | 20:00-20:59 | Media        | 2                        | Media        | 2                        | Media             | 2                        |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 55                       |              | 27                       |                   | 22                       |

- Servicio 104

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 | Alta         | 3                        |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 4                        | Media        | 2                        |                   |                          |
| 8       | 08:00-08:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 9       | 09:00-09:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 10      | 10:00-10:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 11      | 11:00-11:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Media        | 2                        | Media        | 2                        |                   |                          |
| 19      | 19:00-19:59 |              |                          |              |                          |                   |                          |
| 20      | 20:00-20:59 |              |                          |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 42                       |              | 24                       |                   | 20                       |

- Regreso

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 |              |                          |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 3                        |              |                          |                   |                          |
| 9       | 09:00-09:59 | Alta         | 4                        | Media        | 2                        |                   |                          |
| 10      | 10:00-10:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 11      | 11:00-11:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Media        | 2                        | Media        | 2                        |                   |                          |
| 20      | 20:00-20:59 |              |                          |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 38                       |              | 22                       |                   | 18                       |

- Servicio 105

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 | Alta         | 4                        |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 5                        | Media        | 2                        |                   |                          |
| 8       | 08:00-08:59 | Alta         | 5                        | Media        | 3                        | Media             | 2                        |
| 9       | 09:00-09:59 | Alta         | 5                        | Media        | 3                        | Media             | 2                        |
| 10      | 10:00-10:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 11      | 11:00-11:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Media        | 3                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Media        | 2                        | Media        | 2                        |                   |                          |
| 20      | 20:00-20:59 |              |                          |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 56                       |              | 28                       |                   | 22                       |

- Regreso

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 | Media        | 2                        |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 4                        |              |                          |                   |                          |
| 9       | 09:00-09:59 | Alta         | 5                        | Media        | 2                        |                   |                          |
| 10      | 10:00-10:59 | Alta         | 5                        | Media        | 3                        | Media             | 2                        |
| 11      | 11:00-11:59 | Alta         | 5                        | Media        | 3                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 20      | 20:00-20:59 | Media        | 3                        | Media        | 2                        |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 56                       |              | 26                       |                   | 20                       |

- Servicio 106

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 | Alta         | 4                        |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 5                        | Media        | 2                        |                   |                          |
| 8       | 08:00-08:59 | Alta         | 5                        | Media        | 3                        | Media             | 3                        |
| 9       | 09:00-09:59 | Alta         | 5                        | Media        | 3                        | Media             | 3                        |
| 10      | 10:00-10:59 | Alta         | 4                        | Media        | 3                        | Media             | 3                        |
| 11      | 11:00-11:59 | Alta         | 4                        | Media        | 3                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Media        | 3                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Media        | 3                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Media        | 3                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Media        | 2                        | Media        | 2                        |                   |                          |
| 20      | 20:00-20:59 |              |                          |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 54                       |              | 30                       |                   | 25                       |

- Regreso

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 |              |                          |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 4                        | Media        | 2                        |                   |                          |
| 9       | 09:00-09:59 | Alta         | 5                        | Media        | 2                        | Media             | 2                        |
| 10      | 10:00-10:59 | Alta         | 5                        | Alta         | 3                        | Alta              | 3                        |
| 11      | 11:00-11:59 | Alta         | 5                        | Alta         | 3                        | Alta              | 3                        |
| 12      | 12:00-12:59 | Alta         | 4                        | Alta         | 3                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 4                        | Alta         | 3                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 20      | 20:00-20:59 | Media        | 2                        | Media        | 2                        |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 50                       |              | 30                       |                   | 24                       |

- Servicio 106D

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 | Alta         | 2                        |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 2                        |              |                          |                   |                          |
| 8       | 08:00-08:59 |              |                          |              |                          |                   |                          |
| 9       | 09:00-09:59 |              |                          |              |                          |                   |                          |
| 10      | 10:00-10:59 |              |                          |              |                          |                   |                          |
| 11      | 11:00-11:59 |              |                          |              |                          |                   |                          |
| 12      | 12:00-12:59 |              |                          |              |                          |                   |                          |
| 13      | 13:00-13:59 |              |                          |              |                          |                   |                          |
| 14      | 14:00-14:59 |              |                          |              |                          |                   |                          |
| 15      | 15:00-15:59 |              |                          |              |                          |                   |                          |
| 16      | 16:00-16:59 |              |                          |              |                          |                   |                          |
| 17      | 17:00-17:59 |              |                          |              |                          |                   |                          |
| 18      | 18:00-18:59 |              |                          |              |                          |                   |                          |
| 19      | 19:00-19:59 |              |                          |              |                          |                   |                          |
| 20      | 20:00-20:59 |              |                          |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 4                        |              |                          |                   |                          |



- Servicio 107

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 | Alta         | 4                        |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 5                        | Media        | 2                        |                   |                          |
| 8       | 08:00-08:59 | Alta         | 5                        | Alta         | 3                        | Alta              | 3                        |
| 9       | 09:00-09:59 | Alta         | 5                        | Alta         | 3                        | Alta              | 3                        |
| 10      | 10:00-10:59 | Alta         | 4                        | Alta         | 3                        | Alta              | 3                        |
| 11      | 11:00-11:59 | Alta         | 4                        | Alta         | 3                        | Alta              | 3                        |
| 12      | 12:00-12:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Media        | 2                        | Media        | 2                        |                   |                          |
| 20      | 20:00-20:59 |              |                          |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 53                       |              | 30                       |                   | 26                       |

- Regreso

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 | Media        | 2                        |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 4                        | Media        | 2                        |                   |                          |
| 9       | 09:00-09:59 | Alta         | 5                        | Media        | 2                        | Media             | 2                        |
| 10      | 10:00-10:59 | Alta         | 5                        | Alta         | 3                        | Alta              | 3                        |
| 11      | 11:00-11:59 | Alta         | 5                        | Alta         | 3                        | Alta              | 3                        |
| 12      | 12:00-12:59 | Alta         | 4                        | Alta         | 3                        | Alta              | 3                        |
| 13      | 13:00-13:59 | Alta         | 4                        | Alta         | 3                        | Alta              | 3                        |
| 14      | 14:00-14:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 20      | 20:00-20:59 | Media        | 2                        | Media        | 2                        |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 51                       |              | 30                       |                   | 26                       |

- Servicio 108

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 | Alta         | 4                        |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 4                        | Media        | 2                        |                   |                          |
| 8       | 08:00-08:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 9       | 09:00-09:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 10      | 10:00-10:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 11      | 11:00-11:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 3                        | Media        | 2                        |                   |                          |
| 19      | 19:00-19:59 | Media        | 2                        |              |                          |                   |                          |
| 20      | 20:00-20:59 |              |                          |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 47                       |              | 24                       |                   | 20                       |

- Regreso

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 | Media        | 2                        |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 4                        |              |                          |                   |                          |
| 9       | 09:00-09:59 | Alta         | 4                        | Media        | 2                        |                   |                          |
| 10      | 10:00-10:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 11      | 11:00-11:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Alta         | 3                        | Media        | 2                        |                   |                          |
| 20      | 20:00-20:59 | Media        | 2                        |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 45                       |              | 22                       |                   | 18                       |

- Servicio 109

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 | Alta         | 4                        |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 5                        | Media        | 2                        |                   |                          |
| 8       | 08:00-08:59 | Alta         | 5                        | Media        | 2                        | Media             | 2                        |
| 9       | 09:00-09:59 | Alta         | 5                        | Media        | 2                        | Media             | 2                        |
| 10      | 10:00-10:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 11      | 11:00-11:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 3                        | Media        | 2                        |                   |                          |
| 19      | 19:00-19:59 | Media        | 2                        |              |                          |                   |                          |
| 20      | 20:00-20:59 |              |                          |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 52                       |              | 24                       |                   | 20                       |

- Regreso

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 | Media        | 2                        |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 4                        | Media        | 2                        |                   |                          |
| 9       | 09:00-09:59 | Alta         | 5                        | Media        | 2                        | Media             | 2                        |
| 10      | 10:00-10:59 | Alta         | 5                        | Media        | 2                        | Media             | 2                        |
| 11      | 11:00-11:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Alta         | 3                        | Media        | 2                        |                   |                          |
| 20      | 20:00-20:59 | Media        | 2                        |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 49                       |              | 24                       |                   | 20                       |

- Servicio 110

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 | Alta         | 3                        |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 3                        | Media        | 2                        |                   |                          |
| 8       | 08:00-08:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 9       | 09:00-09:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 10      | 10:00-10:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 11      | 11:00-11:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Media        | 2                        | Media        | 2                        |                   |                          |
| 20      | 20:00-20:59 |              |                          |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 41                       |              | 26                       |                   | 22                       |

- Regreso

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 |              |                          |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 3                        |              |                          |                   |                          |
| 9       | 09:00-09:59 | Alta         | 3                        | Media        | 2                        |                   |                          |
| 10      | 10:00-10:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 11      | 11:00-11:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 20      | 20:00-20:59 | Media        | 2                        | Media        | 2                        |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 38                       |              | 24                       |                   | 20                       |

- Servicio 111

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 | Alta         | 4                        |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 5                        | Media        | 2                        |                   |                          |
| 8       | 08:00-08:59 | Alta         | 5                        | Media        | 3                        | Media             | 3                        |
| 9       | 09:00-09:59 | Alta         | 5                        | Media        | 3                        | Media             | 3                        |
| 10      | 10:00-10:59 | Alta         | 4                        | Media        | 3                        | Media             | 3                        |
| 11      | 11:00-11:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 4                        | Media        | 2                        |                   |                          |
| 19      | 19:00-19:59 | Media        | 3                        |              |                          |                   |                          |
| 20      | 20:00-20:59 |              |                          |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 58                       |              | 27                       |                   | 23                       |

- Regreso

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 | Media        | 3                        |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 4                        |              |                          |                   |                          |
| 9       | 09:00-09:59 | Alta         | 5                        | Media        | 2                        | Media             | 2                        |
| 10      | 10:00-10:59 | Alta         | 5                        | Media        | 3                        | Media             | 3                        |
| 11      | 11:00-11:59 | Alta         | 5                        | Media        | 3                        | Media             | 3                        |
| 12      | 12:00-12:59 | Alta         | 4                        | Media        | 3                        | Media             | 3                        |
| 13      | 13:00-13:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Alta         | 4                        | Media        | 2                        |                   |                          |
| 20      | 20:00-20:59 | Media        | 3                        |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 57                       |              | 25                       |                   | 23                       |

- Servicio 111D

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 | Alta         | 2                        |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 2                        |              |                          |                   |                          |
| 8       | 08:00-08:59 |              |                          |              |                          |                   |                          |
| 9       | 09:00-09:59 |              |                          |              |                          |                   |                          |
| 10      | 10:00-10:59 |              |                          |              |                          |                   |                          |
| 11      | 11:00-11:59 |              |                          |              |                          |                   |                          |
| 12      | 12:00-12:59 |              |                          |              |                          |                   |                          |
| 13      | 13:00-13:59 |              |                          |              |                          |                   |                          |
| 14      | 14:00-14:59 |              |                          |              |                          |                   |                          |
| 15      | 15:00-15:59 |              |                          |              |                          |                   |                          |
| 16      | 16:00-16:59 |              |                          |              |                          |                   |                          |
| 17      | 17:00-17:59 |              |                          |              |                          |                   |                          |
| 18      | 18:00-18:59 |              |                          |              |                          |                   |                          |
| 19      | 19:00-19:59 |              |                          |              |                          |                   |                          |
| 20      | 20:00-20:59 |              |                          |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 4                        |              |                          |                   |                          |

- Servicio 112

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 | Alta         | 4                        |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 5                        | Media        | 3                        |                   |                          |
| 8       | 08:00-08:59 | Alta         | 5                        | Media        | 3                        | Media             | 3                        |
| 9       | 09:00-09:59 | Alta         | 5                        | Media        | 3                        | Media             | 3                        |
| 10      | 10:00-10:59 | Alta         | 4                        | Media        | 3                        | Media             | 3                        |
| 11      | 11:00-11:59 | Alta         | 4                        | Media        | 3                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Media        | 3                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Media        | 2                        |              |                          |                   |                          |
| 20      | 20:00-20:59 |              |                          |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 56                       |              | 29                       |                   | 25                       |

- Regreso

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 | Media        | 3                        |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 4                        |              |                          |                   |                          |
| 9       | 09:00-09:59 | Alta         | 5                        | Media        | 3                        |                   |                          |
| 10      | 10:00-10:59 | Alta         | 5                        | Media        | 3                        | Media             | 3                        |
| 11      | 11:00-11:59 | Alta         | 5                        | Media        | 3                        | Media             | 3                        |
| 12      | 12:00-12:59 | Alta         | 4                        | Media        | 3                        | Media             | 3                        |
| 13      | 13:00-13:59 | Alta         | 4                        | Media        | 3                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Media        | 3                        | Media        | 2                        | Media             | 2                        |
| 20      | 20:00-20:59 | Media        | 2                        |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 55                       |              | 27                       |                   | 23                       |

- Servicio 113

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 | Alta         | 3                        |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 4                        | Alta         | 3                        |                   |                          |
| 8       | 08:00-08:59 | Alta         | 4                        | Alta         | 3                        | Alta              | 3                        |
| 9       | 09:00-09:59 | Alta         | 4                        | Alta         | 3                        | Alta              | 3                        |
| 10      | 10:00-10:59 | Alta         | 4                        | Alta         | 3                        | Alta              | 3                        |
| 11      | 11:00-11:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 3                        | Media        | 2                        |                   |                          |
| 19      | 19:00-19:59 | Media        | 2                        |              |                          |                   |                          |
| 20      | 20:00-20:59 |              |                          |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 47                       |              | 28                       |                   | 23                       |

- Regreso

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 | Media        | 2                        |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 3                        |              |                          |                   |                          |
| 9       | 09:00-09:59 | Alta         | 4                        | Alta         | 3                        |                   |                          |
| 10      | 10:00-10:59 | Alta         | 4                        | Alta         | 3                        | Alta              | 3                        |
| 11      | 11:00-11:59 | Alta         | 4                        | Alta         | 3                        | Alta              | 3                        |
| 12      | 12:00-12:59 | Alta         | 4                        | Alta         | 3                        | Alta              | 3                        |
| 13      | 13:00-13:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Alta         | 3                        | Media        | 2                        |                   |                          |
| 20      | 20:00-20:59 | Media        | 2                        |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 45                       |              | 26                       |                   | 21                       |

- Servicio 114

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 | Alta         | 4                        |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 5                        | Media        | 2                        |                   |                          |
| 8       | 08:00-08:59 | Alta         | 5                        | Media        | 3                        | Media             | 3                        |
| 9       | 09:00-09:59 | Alta         | 5                        | Media        | 3                        | Media             | 3                        |
| 10      | 10:00-10:59 | Alta         | 4                        | Media        | 3                        | Media             | 3                        |
| 11      | 11:00-11:59 | Alta         | 4                        | Media        | 3                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Media        | 3                        | Media        | 2                        |                   |                          |
| 19      | 19:00-19:59 | Media        | 2                        |              |                          |                   |                          |
| 20      | 20:00-20:59 |              |                          |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 56                       |              | 28                       |                   | 23                       |



- Regreso

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 | Media        | 2                        |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 4                        |              |                          |                   |                          |
| 9       | 09:00-09:59 | Alta         | 5                        | Media        | 2                        |                   |                          |
| 10      | 10:00-10:59 | Alta         | 5                        | Media        | 3                        | Media             | 3                        |
| 11      | 11:00-11:59 | Alta         | 5                        | Media        | 3                        | Media             | 3                        |
| 12      | 12:00-12:59 | Alta         | 4                        | Media        | 3                        | Media             | 3                        |
| 13      | 13:00-13:59 | Alta         | 4                        | Media        | 3                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Media        | 3                        | Media        | 2                        |                   |                          |
| 20      | 20:00-20:59 | Media        | 2                        |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 54                       |              | 26                       |                   | 21                       |

- Servicio 115

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 | Alta         | 4                        |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 5                        | Media        | 2                        |                   |                          |
| 8       | 08:00-08:59 | Alta         | 5                        | Media        | 3                        | Media             | 3                        |
| 9       | 09:00-09:59 | Alta         | 5                        | Media        | 3                        | Media             | 3                        |
| 10      | 10:00-10:59 | Alta         | 4                        | Media        | 3                        | Media             | 3                        |
| 11      | 11:00-11:59 | Alta         | 4                        | Media        | 3                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Media        | 3                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Media        | 2                        |              |                          |                   |                          |
| 20      | 20:00-20:59 |              |                          |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 56                       |              | 28                       |                   | 25                       |

- Regreso

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 | Media        | 2                        |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 4                        |              |                          |                   |                          |
| 9       | 09:00-09:59 | Alta         | 5                        | Media        | 2                        |                   |                          |
| 10      | 10:00-10:59 | Alta         | 5                        | Media        | 3                        | Media             | 3                        |
| 11      | 11:00-11:59 | Alta         | 5                        | Media        | 3                        | Media             | 3                        |
| 12      | 12:00-12:59 | Alta         | 4                        | Media        | 3                        | Media             | 3                        |
| 13      | 13:00-13:59 | Alta         | 4                        | Media        | 3                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 4                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Media        | 3                        | Media        | 2                        | Media             | 2                        |
| 20      | 20:00-20:59 | Media        | 2                        |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 54                       |              | 26                       |                   | 23                       |

- Servicio 115D

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 | Alta         | 2                        |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 2                        |              |                          |                   |                          |
| 8       | 08:00-08:59 |              |                          |              |                          |                   |                          |
| 9       | 09:00-09:59 |              |                          |              |                          |                   |                          |
| 10      | 10:00-10:59 |              |                          |              |                          |                   |                          |
| 11      | 11:00-11:59 |              |                          |              |                          |                   |                          |
| 12      | 12:00-12:59 |              |                          |              |                          |                   |                          |
| 13      | 13:00-13:59 |              |                          |              |                          |                   |                          |
| 14      | 14:00-14:59 |              |                          |              |                          |                   |                          |
| 15      | 15:00-15:59 |              |                          |              |                          |                   |                          |
| 16      | 16:00-16:59 |              |                          |              |                          |                   |                          |
| 17      | 17:00-17:59 |              |                          |              |                          |                   |                          |
| 18      | 18:00-18:59 |              |                          |              |                          |                   |                          |
| 19      | 19:00-19:59 |              |                          |              |                          |                   |                          |
| 20      | 20:00-20:59 |              |                          |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 4                        |              |                          |                   |                          |

- Servicio 116 A

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 5                        | Media        | 3                        |                   |                          |
| 8       | 08:00-08:59 | Alta         | 5                        | Alta         | 4                        |                   |                          |
| 9       | 09:00-09:59 | Alta         | 5                        | Alta         | 4                        | Media             | 3                        |
| 10      | 10:00-10:59 | Alta         | 5                        | Alta         | 4                        | Media             | 3                        |
| 11      | 11:00-11:59 | Alta         | 4                        | Alta         | 4                        | Media             | 3                        |
| 12      | 12:00-12:59 | Alta         | 4                        | Alta         | 4                        | Media             | 3                        |
| 13      | 13:00-13:59 | Alta         | 4                        | Media        | 3                        | Media             | 3                        |
| 14      | 14:00-14:59 | Alta         | 4                        | Media        | 3                        | Media             | 3                        |
| 15      | 15:00-15:59 | Alta         | 4                        | Media        | 3                        | Media             | 3                        |
| 16      | 16:00-16:59 | Alta         | 4                        | Alta         | 4                        | Media             | 3                        |
| 17      | 17:00-17:59 | Alta         | 5                        | Alta         | 4                        | Media             | 3                        |
| 18      | 18:00-18:59 | Alta         | 5                        | Alta         | 4                        | Media             | 3                        |
| 19      | 19:00-19:59 | Alta         | 5                        | Alta         | 4                        | Media             | 3                        |
| 20      | 20:00-20:59 | Alta         | 4                        |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 63                       |              | 48                       |                   | 33                       |

- Servicio 116 B

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 5                        | Media        | 3                        |                   |                          |
| 8       | 08:00-08:59 | Alta         | 5                        | Alta         | 4                        |                   |                          |
| 9       | 09:00-09:59 | Alta         | 5                        | Alta         | 4                        | Media             | 3                        |
| 10      | 10:00-10:59 | Alta         | 5                        | Alta         | 4                        | Media             | 3                        |
| 11      | 11:00-11:59 | Alta         | 4                        | Alta         | 4                        | Media             | 3                        |
| 12      | 12:00-12:59 | Alta         | 4                        | Alta         | 4                        | Media             | 3                        |
| 13      | 13:00-13:59 | Alta         | 4                        | Media        | 3                        | Media             | 3                        |
| 14      | 14:00-14:59 | Alta         | 4                        | Media        | 3                        | Media             | 3                        |
| 15      | 15:00-15:59 | Alta         | 4                        | Media        | 3                        | Media             | 3                        |
| 16      | 16:00-16:59 | Alta         | 4                        | Alta         | 4                        | Media             | 3                        |
| 17      | 17:00-17:59 | Alta         | 5                        | Alta         | 4                        | Media             | 3                        |
| 18      | 18:00-18:59 | Alta         | 5                        | Alta         | 4                        | Media             | 3                        |
| 19      | 19:00-19:59 | Alta         | 5                        | Alta         | 4                        | Media             | 3                        |
| 20      | 20:00-20:59 | Alta         | 4                        |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 63                       |              | 48                       |                   | 33                       |

- Servicio 117

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 3                        |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 9       | 09:00-09:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 10      | 10:00-10:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 11      | 11:00-11:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 19      | 19:00-19:59 | Alta         | 3                        | Alta         | 3                        |                   |                          |
| 20      | 20:00-20:59 | Alta         | 3                        | Alta         | 3                        |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 42                       |              | 33                       |                   | 22                       |

- Regreso

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 3                        |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 9       | 09:00-09:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 10      | 10:00-10:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 11      | 11:00-11:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 19      | 19:00-19:59 | Alta         | 3                        | Alta         | 3                        |                   |                          |
| 20      | 20:00-20:59 | Alta         | 3                        | Alta         | 3                        |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 42                       |              | 33                       |                   | 22                       |

- Servicio 119

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 4                        |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 4                        | Alta         | 3                        | Media             | 2                        |
| 9       | 09:00-09:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 10      | 10:00-10:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 11      | 11:00-11:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 3                        | Media        | 2                        |                   |                          |
| 19      | 19:00-19:59 | Media        | 2                        |              |                          |                   |                          |
| 20      | 20:00-20:59 |              |                          |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 40                       |              | 27                       |                   | 20                       |

- Regreso

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 |              |                          |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 4                        |              |                          |                   |                          |
| 9       | 09:00-09:59 | Alta         | 4                        |              |                          |                   |                          |
| 10      | 10:00-10:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 11      | 11:00-11:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 13      | 13:00-13:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 14      | 14:00-14:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Alta         | 3                        | Media        | 2                        |                   |                          |
| 20      | 20:00-20:59 | Media        | 2                        |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 40                       |              | 25                       |                   | 18                       |

- Servicio 120

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 2                        |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 2                        | Alta         | 2                        |                   |                          |
| 9       | 09:00-09:59 | Alta         | 2                        | Alta         | 2                        |                   |                          |
| 10      | 10:00-10:59 | Alta         | 2                        | Alta         | 2                        |                   |                          |
| 11      | 11:00-11:59 | Alta         | 2                        | Alta         | 2                        |                   |                          |
| 12      | 12:00-12:59 | Alta         | 2                        | Alta         | 2                        |                   |                          |
| 13      | 13:00-13:59 | Alta         | 2                        | Alta         | 2                        |                   |                          |
| 14      | 14:00-14:59 | Alta         | 2                        | Alta         | 2                        |                   |                          |
| 15      | 15:00-15:59 | Alta         | 2                        | Alta         | 2                        |                   |                          |
| 16      | 16:00-16:59 | Alta         | 2                        | Alta         | 2                        |                   |                          |
| 17      | 17:00-17:59 | Alta         | 2                        | Alta         | 2                        |                   |                          |
| 18      | 18:00-18:59 | Alta         | 2                        |              |                          |                   |                          |
| 19      | 19:00-19:59 | Alta         | 2                        |              |                          |                   |                          |
| 20      | 20:00-20:59 |              |                          |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 26                       |              | 20                       |                   |                          |

- Regreso

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 2                        |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 2                        |              |                          |                   |                          |
| 9       | 09:00-09:59 | Alta         | 2                        | Alta         | 2                        |                   |                          |
| 10      | 10:00-10:59 | Alta         | 2                        | Alta         | 2                        |                   |                          |
| 11      | 11:00-11:59 | Alta         | 2                        | Alta         | 2                        |                   |                          |
| 12      | 12:00-12:59 | Alta         | 2                        | Alta         | 2                        |                   |                          |
| 13      | 13:00-13:59 | Alta         | 2                        | Alta         | 2                        |                   |                          |
| 14      | 14:00-14:59 | Alta         | 2                        | Alta         | 2                        |                   |                          |
| 15      | 15:00-15:59 | Alta         | 2                        | Alta         | 2                        |                   |                          |
| 16      | 16:00-16:59 | Alta         | 2                        | Alta         | 2                        |                   |                          |
| 17      | 17:00-17:59 | Alta         | 2                        | Alta         | 2                        |                   |                          |
| 18      | 18:00-18:59 | Alta         | 2                        | Alta         | 2                        |                   |                          |
| 19      | 19:00-19:59 | Alta         | 2                        |              |                          |                   |                          |
| 20      | 20:00-20:59 |              |                          |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 26                       |              | 20                       |                   |                          |

- Servicio 121

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 3                        |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 3                        | Alta         | 3                        |                   |                          |
| 9       | 09:00-09:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 10      | 10:00-10:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 11      | 11:00-11:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Media        | 2                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Media        | 2                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 19      | 19:00-19:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 20      | 20:00-20:59 | Alta         | 3                        | Alta         | 3                        |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 40                       |              | 35                       |                   | 22                       |

- Regreso

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 3                        |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 3                        | Alta         | 3                        |                   |                          |
| 9       | 09:00-09:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 10      | 10:00-10:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 11      | 11:00-11:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Media        | 2                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Media        | 2                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 19      | 19:00-19:59 | Alta         | 3                        | Alta         | 3                        | Media             | 2                        |
| 20      | 20:00-20:59 | Alta         | 3                        | Alta         | 3                        |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 40                       |              | 35                       |                   | 22                       |

- Servicio 122

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 5                        | Alta         | 4                        |                   |                          |
| 8       | 08:00-08:59 | Alta         | 5                        | Alta         | 4                        |                   |                          |
| 9       | 09:00-09:59 | Alta         | 5                        | Alta         | 4                        | Media             | 3                        |
| 10      | 10:00-10:59 | Alta         | 4                        | Alta         | 4                        | Media             | 2                        |
| 11      | 11:00-11:59 | Media        | 3                        | Media        | 3                        | Media             | 2                        |
| 12      | 12:00-12:59 | Media        | 3                        | Media        | 3                        | Media             | 2                        |
| 13      | 13:00-13:59 | Media        | 3                        | Media        | 3                        | Media             | 2                        |
| 14      | 14:00-14:59 | Media        | 3                        | Media        | 3                        | Baja              | 1                        |
| 15      | 15:00-15:59 | Media        | 3                        | Media        | 3                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 4                        | Media        | 3                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Alta         | 4                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 4                        | Alta         | 4                        | Media             | 2                        |
| 19      | 19:00-19:59 | Alta         | 4                        | Alta         | 4                        | Media             | 2                        |
| 20      | 20:00-20:59 | Media        | 3                        | Media        | 3                        | Media             | 2                        |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 53                       |              | 49                       |                   | 24                       |

- Regreso

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 |              |                          |              |                          |                   |                          |
| 8       | 08:00-08:59 | Media        | 3                        | Media        | 3                        |                   |                          |
| 9       | 09:00-09:59 | Alta         | 5                        | Alta         | 4                        | -                 |                          |
| 10      | 10:00-10:59 | Alta         | 5                        | Alta         | 4                        | Media             | 3                        |
| 11      | 11:00-11:59 | Alta         | 5                        | Alta         | 4                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 4                        | Alta         | 4                        | Media             | 2                        |
| 13      | 13:00-13:59 | Media        | 3                        | Media        | 3                        | Media             | 2                        |
| 14      | 14:00-14:59 | Media        | 3                        | Media        | 3                        | Media             | 2                        |
| 15      | 15:00-15:59 | Media        | 3                        | Media        | 3                        | Baja              | 1                        |
| 16      | 16:00-16:59 | Media        | 3                        | Media        | 3                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 3                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 4                        | Media        | 3                        | Media             | 2                        |
| 19      | 19:00-19:59 | Alta         | 4                        | Alta         | 4                        | Media             | 2                        |
| 20      | 20:00-20:59 | Media        | 3                        | Media        | 3                        | Media             | 2                        |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 49                       |              | 44                       |                   | 22                       |



- Servicio 125

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 4                        | Media        | 2                        |                   |                          |
| 8       | 08:00-08:59 | Alta         | 4                        | Media        | 2                        |                   |                          |
| 9       | 09:00-09:59 | Alta         | 4                        | Media        | 2                        |                   |                          |
| 10      | 10:00-10:59 | Alta         | 4                        | Media        | 2                        |                   |                          |
| 11      | 11:00-11:59 | Alta         | 3                        | Media        | 2                        |                   |                          |
| 12      | 12:00-12:59 | Alta         | 3                        | Media        | 2                        |                   |                          |
| 13      | 13:00-13:59 | Media        | 2                        | Media        | 2                        |                   |                          |
| 14      | 14:00-14:59 | Media        | 2                        | Media        | 2                        |                   |                          |
| 15      | 15:00-15:59 | Alta         | 3                        | Media        | 2                        |                   |                          |
| 16      | 16:00-16:59 | Alta         | 3                        | Media        | 2                        |                   |                          |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 2                        |                   |                          |
| 18      | 18:00-18:59 | Alta         | 4                        | Media        | 2                        |                   |                          |
| 19      | 19:00-19:59 | Alta         | 3                        |              |                          |                   |                          |
| 20      | 20:00-20:59 |              |                          |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 43                       |              | 24                       |                   |                          |

- Regreso

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 |              |                          |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 4                        | Media        | 2                        |                   |                          |
| 9       | 09:00-09:59 | Alta         | 4                        | Media        | 2                        |                   |                          |
| 10      | 10:00-10:59 | Alta         | 4                        | Media        | 2                        |                   |                          |
| 11      | 11:00-11:59 | Alta         | 3                        | Media        | 2                        |                   |                          |
| 12      | 12:00-12:59 | Alta         | 3                        | Media        | 2                        |                   |                          |
| 13      | 13:00-13:59 | Media        | 2                        | Media        | 2                        |                   |                          |
| 14      | 14:00-14:59 | Media        | 2                        | Media        | 2                        |                   |                          |
| 15      | 15:00-15:59 | Alta         | 3                        | Media        | 2                        |                   |                          |
| 16      | 16:00-16:59 | Alta         | 3                        | Media        | 2                        |                   |                          |
| 17      | 17:00-17:59 | Alta         | 4                        | Media        | 2                        |                   |                          |
| 18      | 18:00-18:59 | Alta         | 4                        | Media        | 2                        |                   |                          |
| 19      | 19:00-19:59 | Alta         | 3                        | Media        | 2                        |                   |                          |
| 20      | 20:00-20:59 | Media        | 2                        |              |                          |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 41                       |              | 24                       |                   |                          |

- Servicio 126

- Ida

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 3                        |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 3                        | Media        | 2                        |                   |                          |
| 9       | 09:00-09:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 10      | 10:00-10:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 11      | 11:00-11:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Media        | 2                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Media        | 2                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 20      | 20:00-20:59 | Alta         | 3                        | Media        | 2                        |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 40                       |              | 26                       |                   | 22                       |

- Regreso

| Periodo | Horario     | Laboral      |                          | Sábado       |                          | Domingo / Festivo |                          |
|---------|-------------|--------------|--------------------------|--------------|--------------------------|-------------------|--------------------------|
|         |             | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda | Frecuencia<br>(buses/hr) | Tipo Demanda      | Frecuencia<br>(buses/hr) |
| 0       | 00:00-00:59 |              |                          |              |                          |                   |                          |
| 1       | 01:00-01:59 |              |                          |              |                          |                   |                          |
| 2       | 02:00-02:59 |              |                          |              |                          |                   |                          |
| 3       | 03:00-03:59 |              |                          |              |                          |                   |                          |
| 4       | 04:00-04:59 |              |                          |              |                          |                   |                          |
| 5       | 05:00-05:59 |              |                          |              |                          |                   |                          |
| 6       | 06:00-06:59 |              |                          |              |                          |                   |                          |
| 7       | 07:00-07:59 | Alta         | 3                        |              |                          |                   |                          |
| 8       | 08:00-08:59 | Alta         | 3                        | Media        | 2                        |                   |                          |
| 9       | 09:00-09:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 10      | 10:00-10:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 11      | 11:00-11:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 12      | 12:00-12:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 13      | 13:00-13:59 | Media        | 2                        | Media        | 2                        | Media             | 2                        |
| 14      | 14:00-14:59 | Media        | 2                        | Media        | 2                        | Media             | 2                        |
| 15      | 15:00-15:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 16      | 16:00-16:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 17      | 17:00-17:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 18      | 18:00-18:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 19      | 19:00-19:59 | Alta         | 3                        | Media        | 2                        | Media             | 2                        |
| 20      | 20:00-20:59 | Alta         | 3                        | Media        | 2                        |                   |                          |
| 21      | 21:00-21:59 |              |                          |              |                          |                   |                          |
| 22      | 22:00-22:59 |              |                          |              |                          |                   |                          |
| 23      | 23:00-23:59 |              |                          |              |                          |                   |                          |
| Total   |             |              | 40                       |              | 26                       |                   | 22                       |

2. ESTABLÉCESE, para la Unidad de Negocio UN 01, los puntos de control y sus atributos, quedando de la siguiente forma:

| Unidad de Negocio | Servicio | Sentido | Correlativo Punto de Control | Longitud   | Latitud    | Distancia al origen | Seguimiento | ICR | IP | Ponderador ICR | Punto Urbano |
|-------------------|----------|---------|------------------------------|------------|------------|---------------------|-------------|-----|----|----------------|--------------|
| UN01              | 101      | 0       | 1                            | -71,358172 | -33,041237 | 359,3596191         | 1           | 1   | 1  | 0,9            | 1            |
| UN01              | 101      | 0       | 2                            | -71,374227 | -33,042178 | 1873,431396         | 1           | 1   | 0  | 0,05           | 1            |
| UN01              | 101      | 0       | 3                            | -71,394706 | -33,039989 | 4246,788086         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 0       | 4                            | -71,398633 | -33,035698 | 5077,401855         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 0       | 5                            | -71,403521 | -33,035086 | 6473,078125         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 0       | 6                            | -71,407294 | -33,031916 | 7195,73877          | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 0       | 7                            | -71,412552 | -33,038895 | 8463,314453         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 0       | 8                            | -71,420613 | -33,04378  | 10010,03906         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 0       | 9                            | -71,434536 | -33,043426 | 11361,39941         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 0       | 10                           | -71,441808 | -33,046855 | 12150,4082          | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 0       | 11                           | -71,445697 | -33,047876 | 12583,7168          | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 0       | 12                           | -71,464485 | -33,042855 | 14466,01563         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 0       | 13                           | -71,533667 | -33,02987  | 21977,03125         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 0       | 14                           | -71,549743 | -33,022753 | 23738,13672         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 0       | 15                           | -71,567779 | -33,022978 | 25910,57031         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 0       | 16                           | -71,589919 | -33,032438 | 28609,05859         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 0       | 17                           | -71,617565 | -33,043522 | 31788,61133         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 0       | 18                           | -71,626045 | -33,039686 | 32727,12891         | 1           | 1   | 0  | 0,05           | 1            |
| UN01              | 101      | 1       | 1                            | -71,626121 | -33,039741 | 777,1891479         | 1           | 1   | 0  | 0,9            | 1            |
| UN01              | 101      | 1       | 2                            | -71,617521 | -33,043648 | 1730,571655         | 1           | 1   | 0  | 0,05           | 1            |
| UN01              | 101      | 1       | 3                            | -71,605312 | -33,043476 | 2957,24292          | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 1       | 4                            | -71,599577 | -33,037967 | 3883,148682         | 1           | 0   | 0  | 0              | 0            |
| UN01              | 101      | 1       | 5                            | -71,589794 | -33,032465 | 5143,181152         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 1       | 6                            | -71,567666 | -33,023274 | 7816,643555         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 1       | 7                            | -71,549753 | -33,022847 | 9996,420898         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 1       | 8                            | -71,533809 | -33,029941 | 11746,7666          | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 1       | 9                            | -71,464523 | -33,042856 | 19278,38867         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 1       | 10                           | -71,445758 | -33,047862 | 21158,33203         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 1       | 11                           | -71,438042 | -33,048317 | 21882,79102         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 1       | 12                           | -71,420596 | -33,043855 | 23934,06055         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 1       | 13                           | -71,41241  | -33,038809 | 25587,15039         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 1       | 14                           | -71,407328 | -33,031917 | 26828,53125         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 1       | 15                           | -71,403547 | -33,035086 | 27551,94141         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 1       | 16                           | -71,398636 | -33,035788 | 28960,58789         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 1       | 17                           | -71,394706 | -33,040014 | 29783,98633         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 1       | 18                           | -71,374205 | -33,042177 | 32156,62891         | 1           | 0   | 0  | 0              | 1            |
| UN01              | 101      | 1       | 19                           | -71,358164 | -33,041236 | 33669,39844         | 1           | 1   | 0  | 0,05           | 1            |
| UN01              | 102      | 0       | 1                            | -71,361992 | -33,063603 | 100,4793472         | 1           | 1   | 1  | 0,9            | 1            |
| UN01              | 102      | 0       | 2                            | -71,365276 | -33,061843 | 616,09198           | 1           | 1   | 0  | 0,05           | 1            |

|      |     |   |    |            |            |             |   |   |   |      |   |
|------|-----|---|----|------------|------------|-------------|---|---|---|------|---|
| UN01 | 102 | 0 | 3  | -71,374575 | -33,06505  | 2840,096436 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 0 | 4  | -71,376956 | -33,056984 | 4716,204102 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 0 | 5  | -71,383463 | -33,059966 | 5804,571289 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 0 | 6  | -71,382511 | -33,054024 | 6698,061523 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 0 | 7  | -71,387543 | -33,048515 | 7769,744141 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 0 | 8  | -71,420613 | -33,04378  | 11284,94629 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 0 | 9  | -71,434536 | -33,043426 | 12636,30664 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 0 | 10 | -71,441808 | -33,046855 | 13425,31543 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 0 | 11 | -71,445697 | -33,047876 | 13858,62402 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 0 | 12 | -71,470418 | -33,041305 | 16347,55762 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 0 | 13 | -71,533667 | -33,02987  | 23251,9375  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 0 | 14 | -71,549261 | -33,022813 | 24967,52148 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 0 | 15 | -71,567779 | -33,022978 | 27185,47656 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 0 | 16 | -71,590502 | -33,032728 | 29947,73242 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 0 | 17 | -71,60577  | -33,043006 | 31900,2168  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 0 | 18 | -71,612205 | -33,044215 | 32553,36523 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 0 | 19 | -71,626045 | -33,039686 | 34002,03516 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 102 | 1 | 1  | -71,626121 | -33,039741 | 777,1891479 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 102 | 1 | 2  | -71,612338 | -33,044271 | 2223,294189 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 102 | 1 | 3  | -71,605292 | -33,043147 | 2993,990234 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 1 | 4  | -71,590476 | -33,032846 | 5066,51416  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 1 | 5  | -71,567666 | -33,023274 | 7816,643555 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 1 | 6  | -71,549254 | -33,022918 | 10043,70215 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 1 | 7  | -71,533809 | -33,029941 | 11746,7666  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 1 | 8  | -71,470562 | -33,041359 | 18666,60547 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 1 | 9  | -71,445758 | -33,047862 | 21158,33203 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 1 | 10 | -71,438042 | -33,048317 | 21882,79102 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 1 | 11 | -71,425252 | -33,044156 | 23409,97266 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 1 | 12 | -71,420596 | -33,043855 | 23934,06055 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 1 | 13 | -71,387548 | -33,04848  | 27432,81641 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 1 | 14 | -71,382514 | -33,054004 | 28506,17188 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 1 | 15 | -71,383492 | -33,059959 | 29399,08203 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 1 | 16 | -71,37692  | -33,057013 | 30494,91992 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 1 | 17 | -71,37458  | -33,064939 | 32304,5625  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 1 | 18 | -71,365224 | -33,061839 | 34595,25781 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102 | 1 | 19 | -71,361991 | -33,063606 | 35106,33203 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 103 | 0 | 1  | -71,360779 | -33,065364 | 145,4759979 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 103 | 0 | 2  | -71,364446 | -33,064595 | 1638,102783 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 103 | 0 | 3  | -71,366367 | -33,073389 | 2652,001953 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 0 | 4  | -71,36941  | -33,065984 | 4165,685547 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 0 | 5  | -71,374546 | -33,050354 | 6304,621582 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 0 | 6  | -71,365461 | -33,044579 | 7720,643066 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 0 | 7  | -71,376892 | -33,044277 | 8903,704102 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 0 | 8  | -71,400181 | -33,045792 | 11111,4502  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 0 | 9  | -71,42078  | -33,043726 | 13090,20703 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 0 | 10 | -71,434536 | -33,043426 | 14424,8584  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 0 | 11 | -71,441808 | -33,046855 | 15213,86719 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 0 | 12 | -71,445697 | -33,047876 | 15647,17578 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 0 | 13 | -71,455386 | -33,046746 | 16568,97656 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 0 | 14 | -71,464284 | -33,042864 | 17510,60938 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 0 | 15 | -71,549261 | -33,022813 | 26756,07422 | 1 | 0 | 0 | 0    | 1 |

|      |     |   |    |            |            |             |   |   |   |      |   |
|------|-----|---|----|------------|------------|-------------|---|---|---|------|---|
| UN01 | 103 | 0 | 16 | -71,56784  | -33,023199 | 28999,25977 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 0 | 17 | -71,590006 | -33,032501 | 31683,23633 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 0 | 18 | -71,612205 | -33,044215 | 34356,03906 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 0 | 19 | -71,626045 | -33,039686 | 35804,71094 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 103 | 1 | 1  | -71,626121 | -33,039741 | 777,1891479 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 103 | 1 | 2  | -71,612338 | -33,044271 | 2223,294189 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 103 | 1 | 3  | -71,589794 | -33,032465 | 5143,181152 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 1 | 4  | -71,567666 | -33,023274 | 7816,643555 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 1 | 5  | -71,549254 | -33,022918 | 10043,70215 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 1 | 6  | -71,464276 | -33,042865 | 19301,55859 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 1 | 7  | -71,455407 | -33,046741 | 20240,39648 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 1 | 8  | -71,445758 | -33,047862 | 21158,33203 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 1 | 9  | -71,438042 | -33,048317 | 21882,79102 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 1 | 10 | -71,434494 | -33,043414 | 22687,46094 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 1 | 11 | -71,42082  | -33,043782 | 24017       | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 1 | 12 | -71,400201 | -33,045868 | 25998,80664 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 1 | 13 | -71,376818 | -33,044357 | 28214,91406 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 1 | 14 | -71,374537 | -33,050395 | 29127,94922 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 1 | 15 | -71,369444 | -33,065983 | 31265,4375  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 1 | 16 | -71,366361 | -33,073336 | 32814,95313 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 1 | 17 | -71,364445 | -33,064607 | 33821,61328 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 103 | 1 | 18 | -71,362072 | -33,062392 | 34449,48828 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 104 | 0 | 1  | -71,342831 | -33,054401 | 359,5853882 | 1 | 1 | 1 | 0,9  | 1 |
| UN01 | 104 | 0 | 2  | -71,338358 | -33,053548 | 1021,49054  | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 104 | 0 | 3  | -71,352667 | -33,046899 | 2714,932129 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 0 | 4  | -71,371942 | -33,044143 | 4755,366699 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 0 | 5  | -71,385076 | -33,044508 | 5984,124512 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 0 | 6  | -71,400181 | -33,045792 | 7425,879395 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 0 | 7  | -71,420613 | -33,04378  | 9387,926758 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 0 | 8  | -71,425968 | -33,042198 | 9919,152344 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 0 | 9  | -71,441808 | -33,046855 | 11528,2959  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 0 | 10 | -71,444946 | -33,045573 | 12175,15039 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 0 | 11 | -71,440976 | -33,053094 | 13562,8252  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 0 | 12 | -71,443712 | -33,060509 | 14746,69727 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 0 | 13 | -71,455669 | -33,055154 | 16742,95703 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 0 | 14 | -71,460437 | -33,054751 | 18497,52148 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 0 | 15 | -71,461235 | -33,052273 | 18876,70703 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 0 | 16 | -71,472846 | -33,042867 | 21154,22266 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 0 | 17 | -71,533755 | -33,029806 | 28112,15039 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 0 | 18 | -71,549261 | -33,022813 | 29816,87305 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 0 | 19 | -71,558523 | -33,021113 | 30705,24023 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 0 | 20 | -71,567922 | -33,023436 | 32087,4375  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 0 | 21 | -71,590502 | -33,032728 | 34797,08203 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 0 | 22 | -71,60577  | -33,043006 | 36749,56641 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 0 | 23 | -71,612205 | -33,044215 | 37402,71484 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 0 | 24 | -71,626045 | -33,039686 | 38851,38672 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 104 | 1 | 1  | -71,626121 | -33,039741 | 682,8920898 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 104 | 1 | 2  | -71,616725 | -33,043662 | 1710,646362 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 104 | 1 | 3  | -71,606061 | -33,044124 | 2733,808838 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 1 | 4  | -71,605292 | -33,043147 | 2899,693115 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 1 | 5  | -71,599577 | -33,037967 | 3788,851563 | 1 | 0 | 0 | 0    | 0 |

|      |     |   |    |            |            |             |   |   |   |      |   |
|------|-----|---|----|------------|------------|-------------|---|---|---|------|---|
| UN01 | 104 | 1 | 6  | -71,590476 | -33,032846 | 4972,216797 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 1 | 7  | -71,570893 | -33,025048 | 7334,408691 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 1 | 8  | -71,56768  | -33,023372 | 7711,399414 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 1 | 9  | -71,566068 | -33,021055 | 8111,978027 | 1 | 0 | 0 | 0    | 0 |
| UN01 | 104 | 1 | 10 | -71,558456 | -33,021228 | 9067,12793  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 1 | 11 | -71,549254 | -33,022918 | 9949,405273 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 1 | 12 | -71,533809 | -33,029941 | 11652,46973 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 1 | 13 | -71,472868 | -33,042979 | 18626,4082  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 1 | 14 | -71,461198 | -33,052288 | 20895,16797 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 1 | 15 | -71,460432 | -33,054732 | 21268,35938 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 1 | 16 | -71,455688 | -33,055107 | 23019,57617 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 1 | 17 | -71,451455 | -33,061639 | 24176,41992 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 1 | 18 | -71,443579 | -33,060474 | 25034,35352 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 1 | 19 | -71,440975 | -33,053034 | 26211,86719 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 1 | 20 | -71,445227 | -33,048953 | 27127,59961 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 1 | 21 | -71,438119 | -33,048311 | 27856,53906 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 1 | 22 | -71,42067  | -33,043831 | 29907,625   | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 1 | 23 | -71,400089 | -33,045877 | 31884,91211 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 1 | 24 | -71,384919 | -33,044564 | 33332,72266 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 1 | 25 | -71,371878 | -33,044224 | 34552,32422 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 1 | 26 | -71,352731 | -33,046972 | 36579,3125  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 1 | 27 | -71,33837  | -33,053599 | 38276,45703 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 104 | 1 | 28 | -71,341032 | -33,054673 | 38705,34766 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 105 | 0 | 1  | -71,342831 | -33,054401 | 359,5853882 | 1 | 1 | 1 | 0,9  | 1 |
| UN01 | 105 | 0 | 2  | -71,338358 | -33,053548 | 1021,49054  | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 105 | 0 | 3  | -71,347416 | -33,047447 | 2370,66333  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 0 | 4  | -71,350677 | -33,043846 | 3003,479248 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 0 | 5  | -71,371942 | -33,044143 | 5431,766113 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 0 | 6  | -71,385076 | -33,044508 | 6660,523926 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 0 | 7  | -71,400181 | -33,045792 | 8102,278809 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 0 | 8  | -71,417801 | -33,04464  | 9784,870117 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 0 | 9  | -71,420949 | -33,043671 | 10097,95996 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 0 | 10 | -71,425968 | -33,042198 | 10595,55273 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 0 | 11 | -71,434445 | -33,043399 | 11406,67578 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 0 | 12 | -71,470418 | -33,041305 | 15126,93848 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 0 | 13 | -71,525622 | -33,035248 | 21070,87305 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 0 | 14 | -71,549743 | -33,022753 | 23792,42383 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 0 | 15 | -71,590006 | -33,032501 | 28674,06445 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 0 | 16 | -71,603117 | -33,049905 | 31485,84766 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 0 | 17 | -71,613959 | -33,049569 | 32838,10938 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 0 | 18 | -71,618535 | -33,048446 | 33285,39453 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 105 | 1 | 1  | -71,618083 | -33,047377 | 139,6044464 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 105 | 1 | 2  | -71,613957 | -33,049569 | 722,8640747 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 105 | 1 | 3  | -71,602862 | -33,04964  | 2127,421875 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 1 | 4  | -71,589842 | -33,032497 | 5029,395508 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 1 | 5  | -71,549815 | -33,022838 | 9882,475586 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 1 | 6  | -71,533809 | -33,029941 | 11638,7002  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 1 | 7  | -71,470562 | -33,041359 | 18558,53906 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 1 | 8  | -71,436113 | -33,048376 | 21955,23438 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 1 | 9  | -71,421078 | -33,043697 | 23777,68359 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 1 | 10 | -71,417795 | -33,04475  | 24105,85938 | 1 | 0 | 0 | 0    | 1 |

|      |     |   |    |            |            |             |   |   |   |      |   |
|------|-----|---|----|------------|------------|-------------|---|---|---|------|---|
| UN01 | 105 | 1 | 11 | -71,400089 | -33,045877 | 25795,875   | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 1 | 12 | -71,385002 | -33,044577 | 27235,80273 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 1 | 13 | -71,371878 | -33,044224 | 28463,28516 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 1 | 14 | -71,350673 | -33,043848 | 30890,92969 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 1 | 15 | -71,347467 | -33,047421 | 31517,74414 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 1 | 16 | -71,338329 | -33,053432 | 32862,39453 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 105 | 1 | 17 | -71,341032 | -33,054673 | 33310,19531 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 106 | 0 | 1  | -71,394473 | -33,063914 | 94,16127014 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 106 | 0 | 2  | -71,394801 | -33,054116 | 1321,690186 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 106 | 0 | 3  | -71,399086 | -33,054454 | 1920,469971 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106 | 0 | 4  | -71,400077 | -33,045788 | 3016,389893 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106 | 0 | 5  | -71,420949 | -33,043671 | 5021,805664 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106 | 0 | 6  | -71,434445 | -33,043399 | 6330,522461 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106 | 0 | 7  | -71,445697 | -33,047876 | 7561,850586 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106 | 0 | 8  | -71,549261 | -33,022813 | 18670,74805 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106 | 0 | 9  | -71,589808 | -33,032357 | 23573,47266 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106 | 0 | 10 | -71,605834 | -33,043071 | 25612,80859 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106 | 0 | 11 | -71,612665 | -33,044112 | 26301,05273 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106 | 0 | 12 | -71,629835 | -33,033714 | 28482,25586 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106 | 0 | 13 | -71,636499 | -33,023119 | 30436,24219 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106 | 0 | 14 | -71,63965  | -33,024712 | 30786,62109 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 106 | 1 | 1  | -71,639661 | -33,024712 | 769,9752197 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 106 | 1 | 2  | -71,629957 | -33,033738 | 3075,36084  | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 106 | 1 | 3  | -71,612558 | -33,044214 | 5282,433105 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106 | 1 | 4  | -71,605307 | -33,043536 | 6031,215332 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106 | 1 | 5  | -71,589794 | -33,032465 | 8223,825195 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106 | 1 | 6  | -71,549254 | -33,022918 | 13124,3457  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106 | 1 | 7  | -71,445758 | -33,047862 | 24238,97656 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106 | 1 | 8  | -71,436113 | -33,048376 | 25143,94531 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106 | 1 | 9  | -71,42082  | -33,043782 | 26992,27148 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106 | 1 | 10 | -71,400089 | -33,045877 | 28984,58594 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106 | 1 | 11 | -71,397265 | -33,052652 | 29984,31055 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106 | 1 | 12 | -71,39481  | -33,054118 | 30352,60352 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106 | 1 | 13 | -71,394487 | -33,063916 | 31579,67578 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 107 | 0 | 1  | -71,392112 | -33,063283 | 173,6203308 | 1 | 1 | 1 | 0,9  | 1 |
| UN01 | 107 | 0 | 2  | -71,389063 | -33,063882 | 515,6143188 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 107 | 0 | 3  | -71,388678 | -33,057541 | 1610,127808 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 0 | 4  | -71,395672 | -33,058393 | 2272,592041 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 0 | 5  | -71,409947 | -33,058668 | 3716,385986 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 0 | 6  | -71,425308 | -33,058285 | 5377,775391 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 0 | 7  | -71,433189 | -33,051161 | 6894,151367 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 0 | 8  | -71,434346 | -33,043371 | 8254,890625 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 0 | 9  | -71,441808 | -33,046855 | 9062,667969 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 0 | 10 | -71,445697 | -33,047876 | 9495,976563 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 0 | 11 | -71,464485 | -33,042855 | 11378,27539 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 0 | 12 | -71,549261 | -33,022813 | 20604,87305 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 0 | 13 | -71,566256 | -33,021039 | 22470,7168  | 1 | 0 | 0 | 0    | 0 |
| UN01 | 107 | 0 | 14 | -71,589808 | -33,032357 | 25507,59961 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 0 | 15 | -71,605834 | -33,043071 | 27546,93555 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 0 | 16 | -71,617324 | -33,043522 | 28678,36133 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 0 | 17 | -71,629871 | -33,033591 | 30430,50977 | 1 | 0 | 0 | 0    | 1 |

|      |     |   |    |            |            |             |   |   |   |      |   |
|------|-----|---|----|------------|------------|-------------|---|---|---|------|---|
| UN01 | 107 | 0 | 18 | -71,636325 | -33,023131 | 32353,94336 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 0 | 19 | -71,63965  | -33,024712 | 32720,74805 | 1 | 1 | 0 | 0,05 | 1 |
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| UN01 | 107 | 1 | 2  | -71,636311 | -33,023133 | 1139,131226 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 107 | 1 | 3  | -71,629977 | -33,033676 | 3068,223877 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 1 | 4  | -71,617345 | -33,043652 | 4827,661133 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 1 | 5  | -71,605307 | -33,043536 | 6031,215332 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 1 | 6  | -71,589754 | -33,032439 | 8228,544922 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 1 | 7  | -71,566068 | -33,021055 | 11286,91895 | 1 | 0 | 0 | 0    | 0 |
| UN01 | 107 | 1 | 8  | -71,549254 | -33,022918 | 13124,3457  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 1 | 9  | -71,464433 | -33,042855 | 22367,43945 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 1 | 10 | -71,445758 | -33,047862 | 24238,97656 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 1 | 11 | -71,436113 | -33,048376 | 25143,94531 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 1 | 12 | -71,433182 | -33,051122 | 25779,20703 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 1 | 13 | -71,425287 | -33,058285 | 27394,17969 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 1 | 14 | -71,409974 | -33,058691 | 29050,02344 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 1 | 15 | -71,395655 | -33,058393 | 30498,99219 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 1 | 16 | -71,388687 | -33,05767  | 31171,65234 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 1 | 17 | -71,389064 | -33,063882 | 32245,30078 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 107 | 1 | 18 | -71,392119 | -33,063283 | 32587,85547 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 108 | 0 | 1  | -71,352689 | -33,052784 | 517,2138672 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 108 | 0 | 2  | -71,353593 | -33,046338 | 1511,544434 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 108 | 0 | 3  | -71,366074 | -33,043806 | 2894,406738 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 0 | 4  | -71,384923 | -33,044485 | 4658,172852 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 0 | 5  | -71,400077 | -33,045788 | 6104,709473 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 0 | 6  | -71,420949 | -33,043671 | 8110,124512 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 0 | 7  | -71,434536 | -33,043426 | 9427,852539 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 0 | 8  | -71,444946 | -33,045573 | 10863,71582 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 0 | 9  | -71,445876 | -33,048725 | 11261,23047 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 0 | 10 | -71,445901 | -33,051089 | 11577,04492 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 0 | 11 | -71,447959 | -33,054324 | 12127,50098 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 0 | 12 | -71,449208 | -33,057218 | 12561,01758 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 0 | 13 | -71,460511 | -33,056578 | 14036,83984 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 0 | 14 | -71,467689 | -33,053009 | 16303,57422 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 0 | 15 | -71,468322 | -33,045431 | 17461,16016 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 0 | 16 | -71,465789 | -33,043833 | 17831,9375  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 0 | 17 | -71,549955 | -33,022726 | 27195,45898 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 0 | 18 | -71,589919 | -33,032438 | 32046,34961 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 0 | 19 | -71,612405 | -33,04417  | 34749,20703 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 0 | 20 | -71,626045 | -33,039686 | 36178,54297 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 108 | 1 | 1  | -71,626121 | -33,039741 | 777,1891479 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 108 | 1 | 2  | -71,612454 | -33,044239 | 2211,893799 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 108 | 1 | 3  | -71,589842 | -33,032497 | 5137,462402 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 1 | 4  | -71,549947 | -33,022819 | 9978,03125  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 1 | 5  | -71,468337 | -33,045454 | 19428,95703 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 1 | 6  | -71,467686 | -33,053005 | 20583,10938 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 1 | 7  | -71,460492 | -33,056544 | 22854,5332  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 1 | 8  | -71,449181 | -33,057219 | 24302,57813 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 1 | 9  | -71,447977 | -33,054324 | 24731,89063 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 1 | 10 | -71,445901 | -33,051141 | 25278,25977 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 1 | 11 | -71,445227 | -33,048953 | 25532,06836 | 1 | 0 | 0 | 0    | 1 |



|      |     |   |    |            |            |             |   |   |   |      |   |
|------|-----|---|----|------------|------------|-------------|---|---|---|------|---|
| UN01 | 108 | 1 | 12 | -71,436113 | -33,048376 | 26448,74023 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 1 | 13 | -71,420995 | -33,043724 | 28279,5     | 1 | 0 | 0 | 0    | 1 |
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| UN01 | 108 | 1 | 15 | -71,384919 | -33,044564 | 31737,19531 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 1 | 16 | -71,366095 | -33,043878 | 33498,51172 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 108 | 1 | 17 | -71,353676 | -33,046374 | 34871,73047 | 1 | 0 | 0 | 0    | 1 |
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| UN01 | 109 | 0 | 1  | -71,392112 | -33,063283 | 173,6203308 | 1 | 1 | 1 | 0,9  | 1 |
| UN01 | 109 | 0 | 2  | -71,389275 | -33,066068 | 766,8125    | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 109 | 0 | 3  | -71,391949 | -33,053157 | 2605,637451 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 0 | 4  | -71,390599 | -33,050291 | 3407,864014 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 0 | 5  | -71,400077 | -33,045788 | 4792,658691 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 0 | 6  | -71,420949 | -33,043671 | 6798,07373  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 0 | 7  | -71,434445 | -33,043399 | 8106,790527 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 0 | 8  | -71,441746 | -33,046794 | 8895,90625  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 0 | 9  | -71,445697 | -33,047876 | 9338,120117 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 0 | 10 | -71,470418 | -33,041305 | 11827,05371 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 0 | 11 | -71,549261 | -33,022813 | 20447,01758 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 0 | 12 | -71,566092 | -33,020947 | 22294,45117 | 1 | 0 | 0 | 0    | 0 |
| UN01 | 109 | 0 | 13 | -71,589919 | -33,032438 | 25363,46094 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 0 | 14 | -71,605936 | -33,043175 | 27404,03711 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 0 | 15 | -71,612665 | -33,044112 | 28077,32227 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 0 | 16 | -71,629835 | -33,033714 | 30258,52539 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 0 | 17 | -71,640218 | -33,018548 | 32726,36133 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 109 | 1 | 1  | -71,640226 | -33,018551 | 1595,432007 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 109 | 1 | 2  | -71,629957 | -33,033738 | 4064,082031 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 109 | 1 | 3  | -71,6127   | -33,044181 | 6257,394531 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 1 | 4  | -71,605301 | -33,043621 | 7010,492676 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 1 | 5  | -71,589754 | -33,032439 | 9217,265625 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 1 | 6  | -71,565987 | -33,021012 | 12284,58496 | 1 | 0 | 0 | 0    | 0 |
| UN01 | 109 | 1 | 7  | -71,549254 | -33,022918 | 14113,06738 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 1 | 8  | -71,470474 | -33,041415 | 22746,27344 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 1 | 9  | -71,445758 | -33,047862 | 25227,69727 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 1 | 10 | -71,436113 | -33,048376 | 26132,66602 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 1 | 11 | -71,420995 | -33,043724 | 27963,42578 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 1 | 12 | -71,400089 | -33,045877 | 29973,30664 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 1 | 13 | -71,3906   | -33,050314 | 31351,68359 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 1 | 14 | -71,391933 | -33,053204 | 32156,7793  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 1 | 15 | -71,389275 | -33,066068 | 33759,58203 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 109 | 1 | 16 | -71,392119 | -33,063283 | 34562,23438 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 110 | 0 | 1  | -71,349436 | -33,053477 | 201,0783539 | 1 | 1 | 1 | 0,9  | 1 |
| UN01 | 110 | 0 | 2  | -71,354061 | -33,047695 | 1337,070068 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 110 | 0 | 3  | -71,371942 | -33,044143 | 3443,931885 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 110 | 0 | 4  | -71,384923 | -33,044485 | 4658,172852 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 110 | 0 | 5  | -71,400077 | -33,045788 | 6104,709473 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 110 | 0 | 6  | -71,420613 | -33,04378  | 8076,492188 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 110 | 0 | 7  | -71,425968 | -33,042198 | 8607,717773 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 110 | 0 | 8  | -71,434536 | -33,043426 | 9427,852539 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 110 | 0 | 9  | -71,441746 | -33,046794 | 10207,95605 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 110 | 0 | 10 | -71,445697 | -33,047876 | 10650,16992 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 110 | 0 | 11 | -71,464284 | -33,042864 | 12513,60449 | 1 | 0 | 0 | 0    | 1 |

|      |     |   |    |            |            |             |   |   |   |      |   |
|------|-----|---|----|------------|------------|-------------|---|---|---|------|---|
| UN01 | 110 | 0 | 12 | -71,475357 | -33,040057 | 13627,22461 | 1 | 0 | 0 | 0    | 0 |
| UN01 | 110 | 0 | 13 | -71,549261 | -33,022813 | 21759,06641 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 110 | 0 | 14 | -71,566092 | -33,020947 | 23606,5     | 1 | 0 | 0 | 0    | 0 |
| UN01 | 110 | 0 | 15 | -71,589535 | -33,032152 | 26627,57031 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 110 | 0 | 16 | -71,60577  | -33,043006 | 28691,76367 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 110 | 0 | 17 | -71,612665 | -33,044112 | 29389,37305 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 110 | 0 | 18 | -71,626045 | -33,039686 | 30793,58203 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 110 | 1 | 1  | -71,626121 | -33,039741 | 777,1891479 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 110 | 1 | 2  | -71,6127   | -33,044181 | 2188,029541 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 110 | 1 | 3  | -71,605307 | -33,043536 | 2950,572021 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 110 | 1 | 4  | -71,589575 | -33,03232  | 5169,203613 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 110 | 1 | 5  | -71,565987 | -33,021012 | 8215,220703 | 1 | 0 | 0 | 0    | 0 |
| UN01 | 110 | 1 | 6  | -71,549254 | -33,022918 | 10043,70215 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 110 | 1 | 7  | -71,475365 | -33,040147 | 18191,86133 | 1 | 0 | 0 | 0    | 0 |
| UN01 | 110 | 1 | 8  | -71,464276 | -33,042865 | 19301,55859 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 110 | 1 | 9  | -71,445758 | -33,047862 | 21158,33203 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 110 | 1 | 10 | -71,42067  | -33,043831 | 23926,6543  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 110 | 1 | 11 | -71,400089 | -33,045877 | 25903,94141 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 110 | 1 | 12 | -71,384919 | -33,044564 | 27351,75586 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 110 | 1 | 13 | -71,371807 | -33,044219 | 28578,00586 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 110 | 1 | 14 | -71,354055 | -33,047684 | 30656,27148 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 111 | 0 | 1  | -71,41659  | -33,058883 | 252,2491608 | 1 | 1 | 1 | 0,9  | 1 |
| UN01 | 111 | 0 | 2  | -71,421819 | -33,069386 | 2331,191162 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 111 | 0 | 3  | -71,425868 | -33,073281 | 3028,189941 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 0 | 4  | -71,425571 | -33,065276 | 4172,692383 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 0 | 5  | -71,427347 | -33,060979 | 6701,058594 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 0 | 6  | -71,431466 | -33,059956 | 7261,458496 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 0 | 7  | -71,433218 | -33,051315 | 8447,75293  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 0 | 8  | -71,434346 | -33,043371 | 9825,786133 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 0 | 9  | -71,441808 | -33,046855 | 10633,5625  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 0 | 10 | -71,445697 | -33,047876 | 11066,87109 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 0 | 11 | -71,470418 | -33,041305 | 13555,80469 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 0 | 12 | -71,530544 | -33,032122 | 20076,0293  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 0 | 13 | -71,549261 | -33,022813 | 22175,76758 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 0 | 14 | -71,565953 | -33,020868 | 24007,53516 | 1 | 0 | 0 | 0    | 0 |
| UN01 | 111 | 0 | 15 | -71,589808 | -33,032357 | 27078,49414 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 0 | 16 | -71,612665 | -33,044112 | 29806,07422 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 0 | 17 | -71,629871 | -33,033591 | 32001,4043  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 0 | 18 | -71,636224 | -33,023146 | 33915,25781 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 0 | 19 | -71,63965  | -33,024712 | 34291,64063 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 111 | 1 | 1  | -71,639661 | -33,024712 | 769,9752197 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 111 | 1 | 2  | -71,636229 | -33,023145 | 1146,907104 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 111 | 1 | 3  | -71,629957 | -33,033738 | 3075,36084  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 1 | 4  | -71,6127   | -33,044181 | 5268,67334  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 1 | 5  | -71,589754 | -33,032439 | 8228,544922 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 1 | 6  | -71,565987 | -33,021012 | 11295,86426 | 1 | 0 | 0 | 0    | 0 |
| UN01 | 111 | 1 | 7  | -71,549254 | -33,022918 | 13124,3457  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 1 | 8  | -71,53064  | -33,032163 | 15212,87598 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 1 | 9  | -71,470562 | -33,041359 | 21747,25    | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 1 | 10 | -71,445758 | -33,047862 | 24238,97656 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 1 | 11 | -71,436113 | -33,048376 | 25143,94531 | 1 | 0 | 0 | 0    | 1 |

|      |     |   |    |            |            |             |   |   |   |      |   |
|------|-----|---|----|------------|------------|-------------|---|---|---|------|---|
| UN01 | 111 | 1 | 12 | -71,433182 | -33,051122 | 25779,20703 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 1 | 13 | -71,431468 | -33,059965 | 26988,18555 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 1 | 14 | -71,427453 | -33,060984 | 27537,65625 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 1 | 15 | -71,425564 | -33,06516  | 29314,93359 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 1 | 16 | -71,425864 | -33,073281 | 30472,68359 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 1 | 17 | -71,421824 | -33,069384 | 31168,80273 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111 | 1 | 18 | -71,416591 | -33,058847 | 33249,07031 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 112 | 0 | 1  | -71,412566 | -33,058975 | 148,5761566 | 1 | 1 | 1 | 0,9  | 1 |
| UN01 | 112 | 0 | 2  | -71,402337 | -33,060152 | 1474,540771 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 112 | 0 | 3  | -71,422562 | -33,066276 | 4885,796875 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 0 | 4  | -71,427166 | -33,07293  | 5938,532715 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 0 | 5  | -71,427678 | -33,070694 | 6314,64209  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 0 | 6  | -71,438644 | -33,054783 | 9216,671875 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 0 | 7  | -71,441697 | -33,046744 | 10371,64258 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 0 | 8  | -71,445864 | -33,047838 | 10837,20215 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 0 | 9  | -71,464284 | -33,042864 | 12684,47949 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 0 | 10 | -71,475558 | -33,039976 | 13818,91406 | 1 | 0 | 0 | 0    | 0 |
| UN01 | 112 | 0 | 11 | -71,53073  | -33,031996 | 19852,50195 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 0 | 12 | -71,549261 | -33,022813 | 21929,94141 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 0 | 13 | -71,56784  | -33,023199 | 24173,12891 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 0 | 14 | -71,589808 | -33,032357 | 26832,66797 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 0 | 15 | -71,60577  | -33,043006 | 28862,63867 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 0 | 16 | -71,612665 | -33,044112 | 29560,24805 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 0 | 17 | -71,629871 | -33,033591 | 31755,57813 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 0 | 18 | -71,636325 | -33,023131 | 33679,01563 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 0 | 19 | -71,63965  | -33,024712 | 34045,81641 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 112 | 1 | 1  | -71,639661 | -33,024712 | 769,9752197 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 112 | 1 | 2  | -71,636229 | -33,023145 | 1146,907104 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 112 | 1 | 3  | -71,629979 | -33,033635 | 3063,67334  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 1 | 4  | -71,6127   | -33,044181 | 5268,67334  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 1 | 5  | -71,605301 | -33,043621 | 6021,771484 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 1 | 6  | -71,589575 | -33,03232  | 8249,847656 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 1 | 7  | -71,56768  | -33,023372 | 10886,33984 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 1 | 8  | -71,549254 | -33,022918 | 13124,3457  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 1 | 9  | -71,530736 | -33,032099 | 15201,43164 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 1 | 10 | -71,475642 | -33,040028 | 21243,45898 | 1 | 0 | 0 | 0    | 0 |
| UN01 | 112 | 1 | 11 | -71,464276 | -33,042865 | 22382,20313 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 1 | 12 | -71,445758 | -33,047862 | 24238,97656 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 1 | 13 | -71,442443 | -33,048197 | 24552,08203 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 1 | 14 | -71,438652 | -33,05475  | 25542,7832  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 1 | 15 | -71,427646 | -33,070642 | 28442,05469 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 1 | 16 | -71,42708  | -33,072953 | 28833,08789 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 1 | 17 | -71,422562 | -33,066244 | 29880,94531 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 1 | 18 | -71,402322 | -33,060028 | 33282,66797 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 112 | 1 | 19 | -71,412604 | -33,058962 | 34598,64063 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 113 | 0 | 1  | -71,394956 | -33,063913 | 139,6813354 | 1 | 1 | 1 | 0,9  | 1 |
| UN01 | 113 | 0 | 2  | -71,399446 | -33,064624 | 1155,24585  | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 113 | 0 | 3  | -71,399253 | -33,056302 | 2112,199219 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 0 | 4  | -71,401473 | -33,050233 | 3054,750244 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 0 | 5  | -71,408494 | -33,048829 | 3834,175537 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 0 | 6  | -71,415194 | -33,050292 | 4953,119141 | 1 | 0 | 0 | 0    | 1 |

|      |     |   |    |            |            |             |   |   |   |      |   |
|------|-----|---|----|------------|------------|-------------|---|---|---|------|---|
| UN01 | 113 | 0 | 7  | -71,417668 | -33,052096 | 5436,133789 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 0 | 8  | -71,419257 | -33,047372 | 6182,355957 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 0 | 9  | -71,428331 | -33,050084 | 7343,176758 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 0 | 10 | -71,431907 | -33,045833 | 8116,927734 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 0 | 11 | -71,434536 | -33,043426 | 8893,355469 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 0 | 12 | -71,445753 | -33,047863 | 10121,09863 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 0 | 13 | -71,475558 | -33,039976 | 13113,54199 | 1 | 0 | 0 | 0    | 0 |
| UN01 | 113 | 0 | 14 | -71,53073  | -33,031996 | 19147,13086 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 0 | 15 | -71,567889 | -33,02334  | 23484,05078 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 0 | 16 | -71,589808 | -33,032357 | 26127,29492 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 0 | 17 | -71,624683 | -33,040735 | 30100,51953 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 0 | 18 | -71,629876 | -33,033463 | 31078,8457  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 0 | 19 | -71,636224 | -33,023146 | 32978,17969 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 0 | 20 | -71,63965  | -33,024712 | 33354,56641 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 113 | 1 | 1  | -71,639661 | -33,024712 | 769,9752197 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 113 | 1 | 2  | -71,636229 | -33,023145 | 1146,907104 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 113 | 1 | 3  | -71,629979 | -33,033635 | 3063,67334  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 1 | 4  | -71,624852 | -33,040709 | 4017,97583  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 1 | 5  | -71,589705 | -33,032406 | 8234,405273 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 1 | 6  | -71,56768  | -33,023372 | 10886,33984 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 1 | 7  | -71,530808 | -33,032057 | 15193,25    | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 1 | 8  | -71,475642 | -33,040028 | 21243,45898 | 1 | 0 | 0 | 0    | 0 |
| UN01 | 113 | 1 | 9  | -71,445758 | -33,047862 | 24238,97656 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 1 | 10 | -71,436166 | -33,048376 | 25138,99609 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 1 | 11 | -71,419252 | -33,047372 | 26882,99414 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 1 | 12 | -71,41765  | -33,052099 | 27630,46289 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 1 | 13 | -71,41519  | -33,050249 | 28116,54688 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 1 | 14 | -71,408485 | -33,048797 | 29227,05859 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 1 | 15 | -71,401467 | -33,050179 | 30004,11719 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 1 | 16 | -71,399253 | -33,056308 | 30953,3457  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 1 | 17 | -71,399443 | -33,064624 | 31909,91406 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 113 | 1 | 18 | -71,394965 | -33,063912 | 32924,35156 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 114 | 0 | 1  | -71,35653  | -33,041079 | 204,8687134 | 1 | 1 | 1 | 0,9  | 1 |
| UN01 | 114 | 0 | 2  | -71,361563 | -33,03772  | 1151,923706 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 114 | 0 | 3  | -71,368905 | -33,037189 | 1935,075439 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 0 | 4  | -71,373372 | -33,041293 | 3217,554932 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 0 | 5  | -71,382855 | -33,038388 | 4292,894531 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 0 | 6  | -71,39442  | -33,037891 | 5505,76416  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 0 | 7  | -71,397637 | -33,039096 | 5955,557129 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 0 | 8  | -71,404719 | -33,038149 | 6739,504395 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 0 | 9  | -71,420566 | -33,043795 | 10009,73047 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 0 | 10 | -71,434501 | -33,043416 | 11362,33398 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 0 | 11 | -71,441746 | -33,046794 | 12145,88965 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 0 | 12 | -71,445753 | -33,047863 | 12593,5293  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 0 | 13 | -71,457927 | -33,04589  | 13766,21777 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 0 | 14 | -71,464284 | -33,042864 | 14451,53809 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 0 | 15 | -71,475357 | -33,040057 | 15565,1582  | 1 | 0 | 0 | 0    | 0 |
| UN01 | 114 | 0 | 16 | -71,549743 | -33,022753 | 23742,52344 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 0 | 17 | -71,567922 | -33,023436 | 25967,56641 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 0 | 18 | -71,590502 | -33,032728 | 28677,21289 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 0 | 19 | -71,612665 | -33,044112 | 31327,30664 | 1 | 0 | 0 | 0    | 1 |

|      |     |   |    |            |            |             |   |   |   |      |   |
|------|-----|---|----|------------|------------|-------------|---|---|---|------|---|
| UN01 | 114 | 0 | 20 | -71,626045 | -33,039686 | 32731,51563 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 114 | 1 | 1  | -71,626121 | -33,039741 | 777,1891479 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 114 | 1 | 2  | -71,612558 | -33,044214 | 2201,789063 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 114 | 1 | 3  | -71,590476 | -33,032846 | 5066,51416  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 1 | 4  | -71,56768  | -33,023372 | 7805,696777 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 1 | 5  | -71,549753 | -33,022847 | 9996,420898 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 1 | 6  | -71,475365 | -33,040147 | 18191,86133 | 1 | 0 | 0 | 0    | 0 |
| UN01 | 114 | 1 | 7  | -71,464276 | -33,042865 | 19301,55859 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 1 | 8  | -71,457974 | -33,045866 | 19980,99023 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 1 | 9  | -71,445758 | -33,047862 | 21158,33203 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 1 | 10 | -71,442443 | -33,048197 | 21471,4375  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 1 | 11 | -71,436113 | -33,048376 | 22063,30078 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 1 | 12 | -71,420596 | -33,043855 | 23934,06055 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 1 | 13 | -71,404695 | -33,038148 | 27223,15039 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 1 | 14 | -71,397667 | -33,039093 | 28002,0293  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 1 | 15 | -71,39441  | -33,037891 | 28455,57813 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 1 | 16 | -71,382866 | -33,038388 | 29666,48828 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 1 | 17 | -71,373383 | -33,041406 | 31157,20313 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 1 | 18 | -71,368901 | -33,037189 | 32025,70117 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 1 | 19 | -71,361557 | -33,03777  | 32814,0625  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 114 | 1 | 20 | -71,356515 | -33,041076 | 33756,98047 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 115 | 0 | 1  | -71,414831 | -33,056586 | 390,953125  | 1 | 1 | 1 | 0,9  | 1 |
| UN01 | 115 | 0 | 2  | -71,411416 | -33,057413 | 976,7628784 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 115 | 0 | 3  | -71,413742 | -33,061491 | 1512,590454 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 0 | 4  | -71,402591 | -33,062145 | 2983,682617 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 0 | 5  | -71,406283 | -33,055832 | 4274,554688 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 0 | 6  | -71,420566 | -33,043795 | 6890,062988 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 0 | 7  | -71,425968 | -33,042198 | 7425,983398 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 0 | 8  | -71,434445 | -33,043399 | 8237,107422 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 0 | 9  | -71,441602 | -33,046651 | 9005,427734 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 0 | 10 | -71,457927 | -33,04589  | 10646,55078 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 0 | 11 | -71,464284 | -33,042864 | 11331,87109 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 0 | 12 | -71,475227 | -33,040109 | 12432,04785 | 1 | 0 | 0 | 0    | 0 |
| UN01 | 115 | 0 | 13 | -71,549743 | -33,022753 | 20622,85547 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 0 | 14 | -71,56784  | -33,023199 | 22820,51953 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 0 | 15 | -71,590502 | -33,032728 | 25557,54492 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 0 | 16 | -71,612602 | -33,044126 | 28201,55273 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 0 | 17 | -71,636325 | -33,023131 | 32326,40234 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 0 | 18 | -71,63965  | -33,024712 | 32693,20703 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 115 | 1 | 1  | -71,639661 | -33,024712 | 769,9752197 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 115 | 1 | 2  | -71,636311 | -33,023133 | 1139,131226 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 115 | 1 | 3  | -71,612558 | -33,044214 | 5282,433105 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 1 | 4  | -71,590476 | -33,032846 | 8147,157715 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 1 | 5  | -71,567699 | -33,023552 | 10866,29688 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 1 | 6  | -71,549815 | -33,022838 | 13071,18652 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 1 | 7  | -71,475365 | -33,040147 | 21272,50586 | 1 | 0 | 0 | 0    | 0 |
| UN01 | 115 | 1 | 8  | -71,464276 | -33,042865 | 22382,20313 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 1 | 9  | -71,45795  | -33,045878 | 23064,24219 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 1 | 10 | -71,442443 | -33,048197 | 24552,08203 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 1 | 11 | -71,436113 | -33,048376 | 25143,94531 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 1 | 12 | -71,420596 | -33,043855 | 27014,70508 | 1 | 0 | 0 | 0    | 1 |

|      |     |   |    |            |            |             |   |   |   |      |   |
|------|-----|---|----|------------|------------|-------------|---|---|---|------|---|
| UN01 | 115 | 1 | 13 | -71,406298 | -33,055916 | 29634,05664 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 1 | 14 | -71,402593 | -33,062157 | 30914,16406 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 1 | 15 | -71,413736 | -33,061442 | 32392,0625  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 1 | 16 | -71,411367 | -33,057378 | 32928,42969 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115 | 1 | 17 | -71,414803 | -33,056612 | 33512,12891 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 117 | 0 | 1  | -71,447277 | -33,035416 | 87,28296661 | 1 | 1 | 1 | 0,9  | 1 |
| UN01 | 117 | 0 | 2  | -71,442832 | -33,03756  | 696,0734863 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 117 | 0 | 3  | -71,441395 | -33,038161 | 995,7409058 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 117 | 0 | 4  | -71,439554 | -33,041593 | 1430,102539 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 117 | 0 | 5  | -71,442086 | -33,04437  | 1831,07959  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 117 | 0 | 6  | -71,442717 | -33,045012 | 1951,706177 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 117 | 0 | 7  | -71,444946 | -33,045573 | 2220,649414 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 117 | 0 | 8  | -71,445371 | -33,045894 | 2293,974365 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 117 | 1 | 1  | -71,444503 | -33,045935 | 155,0787811 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 117 | 1 | 2  | -71,443533 | -33,04559  | 284,7457886 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 117 | 1 | 3  | -71,442712 | -33,045012 | 422,0472717 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 117 | 1 | 4  | -71,442071 | -33,044357 | 544,2231445 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 117 | 1 | 5  | -71,439553 | -33,041567 | 946,0751343 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 117 | 1 | 6  | -71,441398 | -33,038145 | 1379,34729  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 117 | 1 | 7  | -71,442816 | -33,037549 | 1675,290283 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 117 | 1 | 8  | -71,447557 | -33,035134 | 2326,780518 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 119 | 0 | 1  | -71,342831 | -33,054401 | 359,5853882 | 1 | 1 | 1 | 0,9  | 1 |
| UN01 | 119 | 0 | 2  | -71,338358 | -33,053548 | 1021,49054  | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 119 | 0 | 3  | -71,352966 | -33,046757 | 2746,994141 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 0 | 4  | -71,366074 | -33,043806 | 4205,841309 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 0 | 5  | -71,387518 | -33,048678 | 6684,128418 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 0 | 6  | -71,391296 | -33,053771 | 7612,951172 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 0 | 7  | -71,390597 | -33,055338 | 7862,953613 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 0 | 8  | -71,395672 | -33,058393 | 8681,001953 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 0 | 9  | -71,422358 | -33,056786 | 11349,88965 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 0 | 10 | -71,425232 | -33,058283 | 11779,08301 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 0 | 11 | -71,432705 | -33,052583 | 13072,66211 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 0 | 12 | -71,433189 | -33,051161 | 13302,56055 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 0 | 13 | -71,432454 | -33,048072 | 13652,11719 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 0 | 14 | -71,435856 | -33,04482  | 14331,04395 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 0 | 15 | -71,441808 | -33,046855 | 15106,48145 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 0 | 16 | -71,444946 | -33,045573 | 15753,33594 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 0 | 17 | -71,447556 | -33,04743  | 16261,93066 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 0 | 18 | -71,455868 | -33,054429 | 17688,68555 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 0 | 19 | -71,460097 | -33,055847 | 18358,45898 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 0 | 20 | -71,466411 | -33,054548 | 20421,08984 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 0 | 21 | -71,473182 | -33,045349 | 22014,61133 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 119 | 1 | 1  | -71,473192 | -33,045347 | 367,1933899 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 119 | 1 | 2  | -71,466434 | -33,054543 | 1959,454956 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 119 | 1 | 3  | -71,460084 | -33,055947 | 2774,746338 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 1 | 4  | -71,455869 | -33,054425 | 3426,373779 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 1 | 5  | -71,447469 | -33,04745  | 4861,103027 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 1 | 6  | -71,442611 | -33,048193 | 5324,755859 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 1 | 7  | -71,436166 | -33,048376 | 5927,367188 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 1 | 8  | -71,433182 | -33,051122 | 6567,577637 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 1 | 9  | -71,432274 | -33,052601 | 6842,154297 | 1 | 0 | 0 | 0    | 1 |

|      |     |   |    |            |            |             |   |   |   |      |   |
|------|-----|---|----|------------|------------|-------------|---|---|---|------|---|
| UN01 | 119 | 1 | 10 | -71,425287 | -33,058285 | 8182,549316 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 1 | 11 | -71,422387 | -33,056786 | 8614,175781 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 1 | 12 | -71,395743 | -33,058394 | 11279,14063 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 1 | 13 | -71,390451 | -33,055286 | 12114,12109 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 1 | 14 | -71,390622 | -33,047761 | 12999,26563 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 1 | 15 | -71,366095 | -33,043878 | 15541,1875  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 1 | 16 | -71,352996 | -33,046845 | 16997,97656 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 1 | 17 | -71,33837  | -33,053599 | 18723,60156 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 119 | 1 | 18 | -71,342052 | -33,054519 | 19249,27344 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 120 | 0 | 1  | -71,375019 | -33,066112 | 152,5271606 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 120 | 0 | 2  | -71,375873 | -33,063899 | 644,4591064 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 120 | 0 | 3  | -71,374622 | -33,059861 | 1213,673584 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 120 | 0 | 4  | -71,373744 | -33,054437 | 1958,904907 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 120 | 0 | 5  | -71,374593 | -33,050071 | 2449,734375 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 120 | 0 | 6  | -71,374215 | -33,047346 | 2762,107178 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 120 | 0 | 7  | -71,370177 | -33,046349 | 3235,552246 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 120 | 0 | 8  | -71,365496 | -33,044716 | 3818,507568 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 120 | 0 | 9  | -71,372704 | -33,044171 | 4625,59375  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 120 | 0 | 10 | -71,376892 | -33,044277 | 5017,109863 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 120 | 0 | 11 | -71,379117 | -33,044438 | 5238,265137 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 120 | 0 | 12 | -71,37867  | -33,049831 | 5838,116699 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 120 | 0 | 13 | -71,378149 | -33,057703 | 6713,382324 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 120 | 0 | 14 | -71,383463 | -33,059966 | 7468,734863 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 120 | 0 | 15 | -71,388678 | -33,057541 | 8070,856445 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 120 | 0 | 16 | -71,390209 | -33,063175 | 8809,999023 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 120 | 1 | 1  | -71,389275 | -33,066068 | 106,1260071 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 120 | 1 | 2  | -71,387912 | -33,064057 | 440,6954651 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 120 | 1 | 3  | -71,389045 | -33,062198 | 767,3231812 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 120 | 1 | 4  | -71,388656 | -33,057541 | 1501,499146 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 120 | 1 | 5  | -71,383492 | -33,059959 | 2098,748779 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 120 | 1 | 6  | -71,378147 | -33,057775 | 2848,930176 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 120 | 1 | 7  | -71,378669 | -33,049858 | 3729,188232 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 120 | 1 | 8  | -71,37883  | -33,046924 | 4055,009277 | 1 | 0 | 0 | 0    | 0 |
| UN01 | 120 | 1 | 9  | -71,376818 | -33,044357 | 4552,751465 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 120 | 1 | 10 | -71,374214 | -33,047364 | 5119,080078 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 120 | 1 | 11 | -71,374589 | -33,050103 | 5433,022949 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 120 | 1 | 12 | -71,373742 | -33,054449 | 5921,62793  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 120 | 1 | 13 | -71,374639 | -33,059869 | 6667,333984 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 120 | 1 | 14 | -71,375874 | -33,063906 | 7235,511719 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 120 | 1 | 15 | -71,375017 | -33,066129 | 7724,767578 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 121 | 0 | 1  | -71,419327 | -33,058667 | 123,1601563 | 1 | 1 | 1 | 0,9  | 1 |
| UN01 | 121 | 0 | 2  | -71,418951 | -33,060745 | 423,6828003 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 121 | 0 | 3  | -71,409974 | -33,058691 | 1633,011597 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 0 | 4  | -71,406448 | -33,059414 | 2108,365479 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 0 | 5  | -71,406268 | -33,055744 | 2639,864258 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 0 | 6  | -71,404604 | -33,046933 | 3630,762451 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 0 | 7  | -71,420566 | -33,043795 | 5245,513184 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 0 | 8  | -71,425968 | -33,042198 | 5781,433594 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 0 | 9  | -71,434501 | -33,043416 | 6598,117188 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 0 | 10 | -71,441697 | -33,046744 | 7374,483887 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 0 | 11 | -71,457981 | -33,045863 | 9007,870117 | 1 | 0 | 0 | 0    | 1 |

|      |     |   |    |            |            |             |   |   |   |      |   |
|------|-----|---|----|------------|------------|-------------|---|---|---|------|---|
| UN01 | 121 | 0 | 12 | -71,464284 | -33,042864 | 9687,319336 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 0 | 13 | -71,475357 | -33,040057 | 10800,94043 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 0 | 14 | -71,481355 | -33,041589 | 11706,7373  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 0 | 15 | -71,483622 | -33,040667 | 11986,16504 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 0 | 16 | -71,484113 | -33,037603 | 12329,63672 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 0 | 17 | -71,482431 | -33,033407 | 12883,18555 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 0 | 18 | -71,483299 | -33,030553 | 13335,39453 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 0 | 19 | -71,480043 | -33,026453 | 13932,8623  | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 121 | 1 | 1  | -71,480044 | -33,026449 | 135,2560883 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 121 | 1 | 2  | -71,483299 | -33,030554 | 733,2512207 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 121 | 1 | 3  | -71,48242  | -33,033385 | 1182,735229 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 1 | 4  | -71,484116 | -33,037568 | 1735,040894 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 1 | 5  | -71,483633 | -33,040627 | 2077,849854 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 1 | 6  | -71,481328 | -33,041589 | 2364,353271 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 1 | 7  | -71,475293 | -33,040178 | 3130,446777 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 1 | 8  | -71,464276 | -33,042865 | 4232,589355 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 1 | 9  | -71,45795  | -33,045878 | 4914,629883 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 1 | 10 | -71,442511 | -33,048195 | 6396,114258 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 1 | 11 | -71,436088 | -33,048376 | 6996,667969 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 1 | 12 | -71,420596 | -33,043855 | 8865,092773 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 1 | 13 | -71,404601 | -33,046917 | 10472,46875 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 1 | 14 | -71,406265 | -33,055727 | 11463,25586 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 1 | 15 | -71,406458 | -33,059414 | 11997,59473 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 121 | 1 | 16 | -71,413207 | -33,058749 | 12804,14648 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 0 | 1  | -71,361992 | -33,063603 | 100,4793472 | 1 | 1 | 1 | 0,9  | 1 |
| UN01 | 122 | 0 | 2  | -71,355169 | -33,057461 | 1317,416992 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 122 | 0 | 3  | -71,353645 | -33,047026 | 2543,133789 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 0 | 4  | -71,368195 | -33,04397  | 4215,677734 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 0 | 5  | -71,372469 | -33,042973 | 4739,241211 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 0 | 6  | -71,378069 | -33,039127 | 5709,550781 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 0 | 7  | -71,387214 | -33,042079 | 6836,907227 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 0 | 8  | -71,394778 | -33,042323 | 7720,575195 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 0 | 9  | -71,392921 | -33,040568 | 8079,429688 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 0 | 10 | -71,39442  | -33,037891 | 8597,112305 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 0 | 11 | -71,397637 | -33,039096 | 9046,905273 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 0 | 12 | -71,404719 | -33,038149 | 9830,852539 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 0 | 13 | -71,407128 | -33,036157 | 10268,83984 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 0 | 14 | -71,420566 | -33,043795 | 13065,0498  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 0 | 15 | -71,425968 | -33,042198 | 13600,9707  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 0 | 16 | -71,434536 | -33,043426 | 14421,10547 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 0 | 17 | -71,441697 | -33,046744 | 15194,02051 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 0 | 18 | -71,444946 | -33,045573 | 15856,96875 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 0 | 19 | -71,442511 | -33,048195 | 16430,80273 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 0 | 20 | -71,426199 | -33,068235 | 21655,75977 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 0 | 21 | -71,4262   | -33,07258  | 22282,63281 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 122 | 1 | 1  | -71,424584 | -33,072522 | 115,2772522 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 122 | 1 | 2  | -71,440608 | -33,052437 | 5269,767578 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 122 | 1 | 3  | -71,445227 | -33,048953 | 6153,08252  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 1 | 4  | -71,444946 | -33,045573 | 6599,611328 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 1 | 5  | -71,442511 | -33,048195 | 7173,444336 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 1 | 6  | -71,436113 | -33,048376 | 7771,663086 | 1 | 0 | 0 | 0    | 1 |



|      |     |   |    |            |            |             |   |   |   |      |   |
|------|-----|---|----|------------|------------|-------------|---|---|---|------|---|
| UN01 | 122 | 1 | 7  | -71,420596 | -33,043855 | 9642,423828 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 1 | 8  | -71,407163 | -33,036158 | 12451,98047 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 1 | 9  | -71,404695 | -33,038148 | 12895,4834  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 1 | 10 | -71,397667 | -33,039093 | 13674,36426 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 1 | 11 | -71,39441  | -33,037891 | 14127,91406 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 1 | 12 | -71,392926 | -33,04057  | 14645,17969 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 1 | 13 | -71,394779 | -33,042357 | 15007,28906 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 1 | 14 | -71,387209 | -33,042078 | 15887,6582  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 1 | 15 | -71,378119 | -33,039119 | 17009,78516 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 1 | 16 | -71,372716 | -33,044263 | 18121,05859 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 1 | 17 | -71,368187 | -33,044052 | 18544,82227 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 1 | 18 | -71,353708 | -33,047122 | 20214,13281 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 1 | 19 | -71,355176 | -33,057433 | 21424,51172 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 122 | 1 | 20 | -71,357761 | -33,062868 | 22183,23242 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 125 | 0 | 1  | -71,35298  | -33,052656 | 547,8766479 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 125 | 0 | 2  | -71,353645 | -33,047026 | 1420,830444 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 125 | 0 | 3  | -71,376892 | -33,044277 | 3906,69751  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 0 | 4  | -71,387548 | -33,04848  | 5350,556641 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 0 | 5  | -71,391478 | -33,053774 | 6318,518066 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 0 | 6  | -71,390597 | -33,055338 | 6551,519043 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 0 | 7  | -71,390271 | -33,057615 | 6856,813477 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 0 | 8  | -71,410082 | -33,058779 | 8830,981445 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 0 | 9  | -71,425308 | -33,058285 | 10474,75    | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 0 | 10 | -71,433189 | -33,051161 | 11991,12598 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 0 | 11 | -71,434099 | -33,047178 | 12586,58203 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 0 | 12 | -71,441808 | -33,046855 | 13795,04688 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 0 | 13 | -71,444946 | -33,045573 | 14441,90137 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 0 | 14 | -71,436088 | -33,048376 | 15616,28809 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 0 | 15 | -71,420496 | -33,043888 | 17494,74609 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 0 | 16 | -71,405324 | -33,045087 | 19116,4082  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 0 | 17 | -71,409535 | -33,042133 | 19753,68359 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 0 | 18 | -71,411441 | -33,036312 | 20678,59766 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 0 | 19 | -71,403872 | -33,03191  | 21859,77148 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 0 | 20 | -71,399987 | -33,038006 | 22930,77539 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 125 | 1 | 1  | -71,400046 | -33,038007 | 899,9887695 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 125 | 1 | 2  | -71,403919 | -33,031913 | 1969,884277 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 125 | 1 | 3  | -71,411465 | -33,036313 | 3148,898438 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 1 | 4  | -71,40954  | -33,042132 | 4094,067627 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 1 | 5  | -71,405335 | -33,044945 | 4716,041016 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 1 | 6  | -71,420566 | -33,043795 | 6346,899414 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 1 | 7  | -71,434536 | -33,043426 | 7702,955566 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 1 | 8  | -71,441774 | -33,046822 | 8487,120117 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 1 | 9  | -71,444946 | -33,045573 | 9138,819336 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 1 | 10 | -71,436113 | -33,048376 | 10310,87109 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 1 | 11 | -71,433182 | -33,051122 | 10946,13086 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 1 | 12 | -71,425287 | -33,058285 | 12561,10352 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 1 | 13 | -71,410066 | -33,058766 | 14204,98828 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 1 | 14 | -71,390218 | -33,057604 | 16182,17578 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 1 | 15 | -71,390451 | -33,055286 | 16492,67383 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 1 | 16 | -71,390622 | -33,047761 | 17377,81836 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125 | 1 | 17 | -71,376818 | -33,044357 | 18916,20703 | 1 | 0 | 0 | 0    | 1 |

|      |      |   |    |            |            |             |   |   |   |      |   |
|------|------|---|----|------------|------------|-------------|---|---|---|------|---|
| UN01 | 125  | 1 | 18 | -71,353655 | -33,047042 | 21382,52344 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 125  | 1 | 19 | -71,352683 | -33,052787 | 22284,78516 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 126  | 0 | 1  | -71,444503 | -33,045935 | 76,03645325 | 1 | 1 | 1 | 0,9  | 1 |
| UN01 | 126  | 0 | 2  | -71,443533 | -33,04559  | 205,7034454 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 126  | 0 | 3  | -71,442257 | -33,044788 | 407,6637573 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 126  | 0 | 4  | -71,439762 | -33,042241 | 788,6662598 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 126  | 0 | 5  | -71,440862 | -33,038792 | 1241,050171 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 126  | 0 | 6  | -71,437701 | -33,036395 | 1638,518677 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 126  | 0 | 7  | -71,435006 | -33,034349 | 1977,524292 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 126  | 0 | 8  | -71,431113 | -33,032844 | 2477,994873 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 126  | 1 | 1  | -71,432323 | -33,036342 | 270,5932007 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 126  | 1 | 2  | -71,437717 | -33,036408 | 970,1289673 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 126  | 1 | 3  | -71,440882 | -33,038807 | 1368,022339 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 126  | 1 | 4  | -71,439769 | -33,042254 | 1819,487549 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 126  | 1 | 5  | -71,442257 | -33,044788 | 2198,906982 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 126  | 1 | 6  | -71,44354  | -33,045588 | 2401,559082 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 126  | 1 | 7  | -71,444755 | -33,045571 | 2515,128418 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 126  | 1 | 8  | -71,445381 | -33,046318 | 2653,338135 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 102D | 0 | 1  | -71,361992 | -33,063603 | 100,4793472 | 1 | 1 | 1 | 0,9  | 1 |
| UN01 | 102D | 0 | 2  | -71,365276 | -33,061843 | 616,09198   | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 102D | 0 | 3  | -71,374247 | -33,051984 | 2153,300293 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102D | 0 | 4  | -71,382543 | -33,053818 | 4959,669434 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102D | 0 | 5  | -71,547181 | -33,027324 | 26315,18359 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102D | 0 | 6  | -71,567508 | -33,023705 | 28276,12891 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102D | 0 | 7  | -71,590502 | -33,032728 | 31009,13086 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102D | 0 | 8  | -71,605770 | -33,043006 | 32961,61328 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102D | 0 | 9  | -71,612205 | -33,044215 | 33614,76172 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 102D | 0 | 10 | -71,626045 | -33,039686 | 35063,43359 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 106D | 0 | 1  | -71,394473 | -33,063914 | 94,16127014 | 1 | 1 | 1 | 0,9  | 1 |
| UN01 | 106D | 0 | 2  | -71,394895 | -33,059181 | 720,2623901 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 106D | 0 | 3  | -71,394801 | -33,054116 | 1321,690186 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106D | 0 | 4  | -71,401969 | -33,056113 | 2075,900146 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106D | 0 | 5  | -71,404535 | -33,070478 | 3690,65625  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106D | 0 | 6  | -71,539869 | -33,029260 | 18681,88672 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106D | 0 | 7  | -71,566941 | -33,023761 | 21305,68555 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106D | 0 | 8  | -71,589808 | -33,032357 | 24014,64844 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106D | 0 | 9  | -71,605834 | -33,043071 | 26053,98438 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106D | 0 | 10 | -71,612665 | -33,044112 | 26742,22852 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106D | 0 | 11 | -71,629835 | -33,033714 | 28923,43164 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106D | 0 | 12 | -71,636499 | -33,023119 | 30877,41797 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 106D | 0 | 13 | -71,639650 | -33,024712 | 31227,79688 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 111D | 0 | 1  | -71,416590 | -33,058883 | 252,2491608 | 1 | 1 | 1 | 0,9  | 1 |
| UN01 | 111D | 0 | 2  | -71,421819 | -33,069386 | 2331,191162 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 111D | 0 | 3  | -71,425868 | -33,073281 | 3028,189941 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111D | 0 | 4  | -71,424679 | -33,069768 | 3498,769775 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111D | 0 | 5  | -71,422563 | -33,066418 | 4035,039795 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111D | 0 | 6  | -71,538159 | -33,029714 | 17651,15039 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111D | 0 | 7  | -71,557587 | -33,025443 | 19547,57813 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111D | 0 | 8  | -71,589808 | -33,032357 | 23151,42578 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111D | 0 | 9  | -71,612665 | -33,044112 | 25879,00586 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111D | 0 | 10 | -71,629871 | -33,033591 | 28074,33594 | 1 | 0 | 0 | 0    | 1 |

|      |      |   |    |            |            |             |   |   |   |      |   |
|------|------|---|----|------------|------------|-------------|---|---|---|------|---|
| UN01 | 111D | 0 | 11 | -71,636224 | -33,023146 | 29988,1875  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 111D | 0 | 12 | -71,639650 | -33,024712 | 30364,57422 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 115D | 0 | 1  | -71,414831 | -33,056586 | 390,953125  | 1 | 1 | 1 | 0,9  | 1 |
| UN01 | 115D | 0 | 2  | -71,411416 | -33,057413 | 976,7628784 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 115D | 0 | 3  | -71,413742 | -33,061491 | 1512,590454 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115D | 0 | 4  | -71,405933 | -33,057801 | 2647,655273 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115D | 0 | 5  | -71,402591 | -33,062145 | 3678,761963 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115D | 0 | 6  | -71,413799 | -33,069168 | 5716,687012 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115D | 0 | 7  | -71,538159 | -33,029714 | 19445,58789 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115D | 0 | 8  | -71,557717 | -33,025424 | 21354,33984 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115D | 0 | 9  | -71,590502 | -33,032728 | 25023,34766 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115D | 0 | 10 | -71,612602 | -33,044126 | 27667,35547 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115D | 0 | 11 | -71,636325 | -33,023131 | 31792,20508 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 115D | 0 | 12 | -71,639650 | -33,024712 | 32159,00977 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 116A | 0 | 1  | -71,376494 | -33,06078  | 165,6633301 | 1 | 1 | 1 | 0,9  | 1 |
| UN01 | 116A | 0 | 2  | -71,372839 | -33,058981 | 561,0457764 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 116A | 0 | 3  | -71,373744 | -33,054437 | 1113,26062  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 116A | 0 | 4  | -71,374593 | -33,050071 | 1604,090088 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 116A | 0 | 5  | -71,373949 | -33,046518 | 2037,044922 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 116A | 0 | 6  | -71,368381 | -33,046279 | 2557,855225 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 116A | 0 | 7  | -71,365572 | -33,045014 | 2939,059326 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 116A | 0 | 8  | -71,370388 | -33,044069 | 3563,313232 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 116A | 0 | 9  | -71,376892 | -33,044277 | 4171,46582  | 1 | 0 | 0 | 0    | 1 |
| UN01 | 116A | 0 | 10 | -71,383726 | -33,044882 | 4868,120605 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 116A | 0 | 11 | -71,382543 | -33,053818 | 5865,492676 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 116A | 0 | 12 | -71,383492 | -33,059959 | 6796,157227 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 116A | 0 | 13 | -71,380998 | -33,058097 | 7255,024414 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 116A | 0 | 14 | -71,377015 | -33,056936 | 7879,680664 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 116B | 0 | 1  | -71,376956 | -33,056984 | 315,6533508 | 1 | 1 | 0 | 0,9  | 1 |
| UN01 | 116B | 0 | 2  | -71,383463 | -33,059966 | 1404,020874 | 1 | 1 | 0 | 0,05 | 1 |
| UN01 | 116B | 0 | 3  | -71,382484 | -33,054197 | 2278,159668 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 116B | 0 | 4  | -71,379303 | -33,04439  | 3782,924316 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 116B | 0 | 5  | -71,374589 | -33,050103 | 4895,373047 | 1 | 0 | 0 | 0    | 1 |
| UN01 | 116B | 0 | 6  | -71,373742 | -33,054449 | 5383,978027 | 1 | 1 | 0 | 0,05 | 1 |

3. **ESTABLÉCESE**, para la Unidad de Negocio UN 01, la lista de pasadas programadas, quedando de la siguiente forma:

| UN   | Servicio | Sentido | Correlativo Punto de Control | Intervalo Anterior (IPPdk-1) | Hora de Pasada Programada (TPPdk) | Intervalo Posterior (IPPdk) | Tipo de Día |
|------|----------|---------|------------------------------|------------------------------|-----------------------------------|-----------------------------|-------------|
| UN01 | 101      | 0       | 1                            | 00:30:00                     | 06:05:00                          | 00:15:00                    | DL          |
| UN01 | 102      | 0       | 1                            | 00:15:00                     | 06:05:00                          | 00:15:00                    | DL          |
| UN01 | 104      | 0       | 1                            | 00:15:00                     | 06:17:00                          | 00:15:00                    | DL          |
| UN01 | 105      | 0       | 1                            | 00:15:00                     | 06:02:00                          | 00:12:00                    | DL          |
| UN01 | 107      | 0       | 1                            | 00:15:00                     | 06:25:00                          | 00:15:00                    | DL          |
| UN01 | 109      | 0       | 1                            | 00:15:00                     | 06:35:00                          | 00:15:00                    | DL          |
| UN01 | 110      | 0       | 1                            | 00:30:00                     | 06:13:00                          | 00:20:00                    | DL          |
| UN01 | 111      | 0       | 1                            | 00:15:00                     | 06:27:00                          | 00:15:00                    | DL          |
| UN01 | 112      | 0       | 1                            | 00:15:00                     | 06:35:00                          | 00:15:00                    | DL          |
| UN01 | 113      | 0       | 1                            | 00:20:00                     | 06:47:00                          | 00:15:00                    | DL          |
| UN01 | 114      | 0       | 1                            | 00:30:00                     | 06:10:00                          | 00:15:00                    | DL          |
| UN01 | 115      | 0       | 1                            | 00:15:00                     | 06:25:00                          | 00:15:00                    | DL          |
| UN01 | 116A     | 0       | 1                            | 00:30:00                     | 07:02:00                          | 00:12:00                    | DL          |
| UN01 | 117      | 0       | 1                            | 00:30:00                     | 07:11:00                          | 00:20:00                    | DL          |
| UN01 | 119      | 0       | 1                            | 00:15:00                     | 07:17:00                          | 00:15:00                    | DL          |
| UN01 | 121      | 0       | 1                            | 00:30:00                     | 07:12:00                          | 00:20:00                    | DL          |
| UN01 | 122      | 0       | 1                            | 00:30:00                     | 07:02:00                          | 00:12:00                    | DL          |
| UN01 | 126      | 0       | 1                            | 00:30:00                     | 07:02:00                          | 00:20:00                    | DL          |
| UN01 | 102D     | 0       | 1                            | 00:30:00                     | 06:55:00                          | 00:30:00                    | DL          |
| UN01 | 106D     | 0       | 1                            | 00:30:00                     | 06:50:00                          | 00:30:00                    | DL          |
| UN01 | 111D     | 0       | 1                            | 00:30:00                     | 06:40:00                          | 00:30:00                    | DL          |
| UN01 | 115D     | 0       | 1                            | 00:30:00                     | 07:05:00                          | 00:30:00                    | DL          |

4. **NOTIFÍQUESE**, vía correo electrónico, la presente Resolución Exenta, al representante legal y asesor técnico operacional de la Empresa de Transporte FENUR S.A., Unidad de Negocio UN 01, Sr. Juan Mellado Sandoval, cedula de identidad N° 8.244.006-2 al correo electrónico jmellado60@hotmail.com y a la Srta. Carolina Bravo, cédula de identidad N° 9.955.674-9 al correo electrónico gerencia@fenur.cl

5. El responsable del servicio deberá dar cumplimiento a las condiciones establecidas en la presente Resolución, sin perjuicio del cumplimiento de la normativa vigente y la que se dicte en el futuro en todo cuanto resulte aplicable.

ANÓTESE Y NOTIFÍQUESE

**Distribución:**

ELIZABETH CLAUDINA ARAVENA - SECRETARIA(O) - PERSONAS Y ADMINISTRACION  
REPRESENTANTE LEGAL UN01 EMPRESA DE TRANSPORTE FENUR S.A  
ASESOR TÉCNICO OPERACIONAL UN01 EMPRESA DE TRANSPORTE FENUR S.A  
ROCÍO BELÉN PINTO - ANALISTA DE ELECTROMOVILIDAD - MACROZONA URBANA CENTRO Y ELECTROMOVILIDAD  
MACARENA CONSTANZA SALAZAR - ANALISTA DE CONTROL DE GESTION - UNIDAD DE CONTROL DE GESTION  
ISABEL MARGARITA VALLEJOS - ANALISTA TPR TRANSPORTE URBANO - COORDINACION REGIONAL TPR  
DIEGO MATÍAS DE LA VEGA - ANALISTA TPR TRANSPORTE URBANO - COORDINACION REGIONAL TPR



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