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June 7, 2019

Steven Gota  
 Deputy Executive Officer  
 Los Angeles County Metropolitan Transportation Authority (Metro)  
 One Gateway Plaza  
 Los Angeles, CA 90012

Dear Mr. Gota:

The South Bay Cities Council of Governments (SBCCOG) is pleased to provide this letter of commitment for the following transportation projects:

1. Regional Integration of Intelligent Transportation Systems (RITTS) SMART-Net Integration
2. Los Angeles County Department of Public Works (LACDPW) Traffic Control System and Information Exchange Network (IEN) SMART-Net Integration
3. Manhattan Beach Traffic Control System SMART-Net Integration
4. Signal Phase and Timing (SPaT) Data Sharing SMART-Net Integration

SBCCOG has worked with Metro staff to identify how the South Bay SMART-Net project can be used to provide reliable, resilient, and redundant connections in the South Bay subregion to support improved mobility. SBCCOG has reviewed these transportation projects that Metro staff has recommended and concurs that all projects will provide a transportation benefit to the South Bay subregion.

SBCCOG agrees that these projects provide the transportation mobility nexus needed to justify the use of South Bay Measure M Multi-year Subregional Program (MSP) Transportation System Mobility Improvement Program (TSMIP) funds. SBCCOG is committed to working with Metro, LACDPW, the Regional Integration of Intelligent Transportation Systems (RIITS) program, and South Bay cities to ensure that the appropriate SMART-Net nodes are established, and that these projects are integrated into the South Bay SMART-Net to provide reliable and resilient connections to support transportation system improvements.

Sincerely,

Jacki Bacharach  
 Executive Director  
 South Bay Cities Council of Governments

LOCAL GOVERNMENTS IN ACTION

Carson El Segundo Gardena Hawthorne Hermosa Beach Inglewood Lawndale Lomita  
 Manhattan Beach Palos Verdes Estates Rancho Palos Verdes Redondo Beach Rolling Hills  
 Rolling Hills Estates Torrance Los Angeles District #15 Los Angeles County



June 10, 2019

Steven Gota  
Deputy Executive Officer  
Los Angeles County Metropolitan Transportation Authority (Metro)  
One Gateway Plaza  
Los Angeles, CA 90012

Dear Mr. ~~Gota~~ <sup>STEVE</sup>:

The Regional Integration of Intelligent Transportation Systems (RIITS) is pleased to provide this letter committing to integrating SMART-Net. RIITS has worked with Highway Programs staff to identify how SMART-Net can be used to provide connections to the South Bay subregion. Upon completion, a high-speed connection throughout the South Bay will include network communications to supplement existing and planned fiber-optic communications to enhance data exchange and provide increased access to a central repository for transportation-related operational data. The sharing of operational data benefits the South Bay cities by enhancing traffic management operations, system performance evaluation, and regional transportation data exchange by connecting the South Bay to Southern California transportation systems.

RIITS provides the transportation mobility nexus needed to support the use of South Bay Measure M Multi-year Subregional Program (MSP) Transportation System Mobility Improvement Program (TSMIP) funds. RIITS is committed to working with South Bay Cities Council of Governments (SBCCOG) and Metro to establish a connection to the South Bay. We will work with SBCCOG to identify and pay reasonable incremental costs, if any, beyond the scope of what is included in the use of TSMIP funds and recurring costs for the use and access to SMART-Net.

Thank you in advance for your continued support of RIITS. We look forward to work with you and the SBCCOG. I may be reached at 213.922.2665, or via email at [fogelk@metro.net](mailto:fogelk@metro.net), to answer questions you have related to implementation of SMART-Net.

Sincerely,

A handwritten signature in blue ink that reads 'Kali K. Fogel'.

Kali K Fogel  
Senior Highway Operations Program Manager  
RIITS

Cc: K. Coleman, Deputy Executive Officer  
File



MARK PESTRELLA, Director

# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

*"To Enrich Lives Through Effective and Caring Service"*

900 SOUTH FREMONT AVENUE  
ALHAMBRA, CALIFORNIA 91803-1331  
Telephone: (626) 458-5100  
<http://dpw.lacounty.gov>

ADDRESS ALL CORRESPONDENCE TO:  
P.O. BOX 1460  
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE

REFER TO FILE: **T-6**

June 17, 2019

Mr. Steven Y. Gota  
Deputy Executive Officer  
Los Angeles County Metropolitan Transportation Authority  
One Gateway Plaza  
Los Angeles, CA 90012

Dear Mr. Gota:

The Los Angeles County Public Works is pleased to provide this letter of commitment for implementation of Public Works' Information Exchange Network (IEN) SMART-Net Integration project. Our staff has worked with Metro staff to identify how the South Bay SMART-Net project can be used to provide reliable, resilient, and redundant connections in the South Bay subregion to support improved mobility. As the maintaining agency for traffic signals in the South Bay Cities of Carson, El Segundo, Hawthorne, Lawndale, and Manhattan Beach, Public Works has a key role in transportation. As the lead agency for the IEN, Public Works enables the exchange of traffic signal data countywide to facilitate the coordination of signal timing across jurisdictional boundaries.

The implementation of the South Bay SMART-Net project will establish a secondary high-speed connection for Public Works' Traffic Control System to the South Bay cities, as well as provide for a substantially higher bandwidth for systems residing at Public Works' Traffic Management Center, including the IEN. This connection will increase the ability to centrally monitor and control signalized intersections along major arterial corridors.

Mr. Steven Y. Gota  
June 17, 2019  
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This Public Works project provides the transportation mobility nexus needed to support the use of South Bay Measure M Multi-year Subregional Program and Transportation System Mobility Improvement Program funds. Public Works is committed to working with South Bay Cities Council of Governments and Metro to prioritize the establishment of a SMART-Net node at the County's Traffic Management Center in Alhambra. In addition, our agency will work with the City of Manhattan Beach to establish a virtual private network connection to create the necessary communications redundancy to the South Bay subregion.

Very truly yours,

MARK PESTRELLA  
Director of Public Works

A handwritten signature in blue ink that reads "Emiko Thompson". The signature is fluid and cursive, with a long horizontal stroke at the end.

EMIKO THOMPSON  
Assistant Deputy Director  
Traffic Safety and Mobility Division

JW:sv  
P:\TSM\TRAFFIC\SOUTH BAY\SMART NET SUPPORT LETTER.DOCX



## City of Manhattan Beach

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1400 Highland Avenue, Manhattan Beach, CA 90266  
Phone: (310) 802-5000 Fax: (310) 802-5001 TDD: (310) 546-3501

June 12, 2019

Steven Gota  
Deputy Executive Officer  
Los Angeles County Metropolitan Transportation Authority (Metro)  
One Gateway Plaza  
Los Angeles, CA 90012

Dear Mr. Gota:

The City of Manhattan Beach (City) is pleased to provide this letter of commitment for implementation of the Manhattan Beach Traffic Control System (TCS) SMART-Net Integration project. The City has worked with Metro staff to identify how the South Bay SMART-Net project can be used to compliment future transportation projects in Manhattan Beach. Currently, the City is proposing the Manhattan Beach Advanced Traffic Signal (MBATS) System project, in conjunction with Los Angeles County Department of Public Works (LACDPW), that can leverage the SMART-Net project. Upon implementation, the Manhattan Beach Traffic Control System SMART-Net Integration project will integrate with the SMART-Net project to provide a secondary high-speed connection back to LACDPW. This project will allow LACDPW to more consistently leverage the capabilities of the County's central TCS used in the Manhattan Beach, providing a benefit to traffic operations.

The Manhattan Beach TCS SMART-Net Integration project provides the transportation mobility nexus needed to support the use of South Bay Measure M Multi-year Subregional Program (MSP) Transportation System Mobility Improvement Program (TSMIP) funds. The City is committed to working with South Bay Cities Council of Governments (SBCCOG), Metro, and LACDPW to establish a connection to the South Bay SMART-Net and integrating the MBATS project to the SMART-Net for a redundant and reliable connection to LACDPW.

Sincerely,

Bruce Moe  
City Manager



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CITY OF  
TORRANCE

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## PUBLIC WORKS DEPARTMENT

**Craig Bilezerian**  
Interim Public Works Director

June 6, 2019

Mr. Steven Gota  
Deputy Executive Officer  
Los Angeles County Metropolitan Transportation Authority (Metro)  
One Gateway Plaza  
Los Angeles, CA 90012

Dear Mr. Gota:

The City of Torrance (City) is pleased to provide this letter of commitment for implementation of the Signal Phase and Timing (SPaT) Data Sharing and SMART-Net Integration project. The City is currently working on upgrading its traffic control field elements through the request of Measure M Transportation System and Mobility Improvement Program (TSMIP) funding. The City's Measure M project would improve and optimize traffic signal communications in the City and provide the ability to effectively monitor and operate the traffic signal network. In addition, the City's Measure M project would enable the City to receive and share SPaT data through our central traffic control system.

The City is also working with a third-party data provider, Traffic Technology Services (TTS) that pushes SPaT information to passenger vehicles. This information provides traffic signal countdown and/or speed advisories to drivers as they approach an intersection. The SPaT Data Sharing and SMART-Net Integration Project will utilize the South Bay SMART-Net to establish a high-speed and reliable connection to TTS. This connection is necessary to transmit SPaT data on a second-by-second basis to ensure accuracy at each intersection, and provide benefits to traffic operations and driver behavior in the City.

This project provides the transportation mobility nexus needed to support the use of South Bay Measure M Multi-year Subregional Program (MSP) Transportation System Mobility Improvement Program (TSMIP) funds. The City is committed to working with South Bay Cities Council of Governments (SBCCOG) and Metro to establish a South Bay SMART-Net node and using the SMART-Net for a fast and reliable connection to TTS or any other third-party data providers.

Sincerely,



Craig Bilezerian  
Interim Public Works Director



June 13, 2019

Steven Gota  
Deputy Executive Officer  
Los Angeles County Metropolitan Transportation Authority (Metro)  
One Gateway Plaza  
Los Angeles, CA 90012

Dear Mr. Gota:

Traffic Technology Services, Inc. (TTS) is pleased to provide this letter of commitment for implementation of the Signal Phase and Timing (SPaT) Data Sharing and SMART-Net Integration project. TTS is currently working with the City of Torrance (City) to establish a connection to its central traffic control system to obtain traffic signal status data and information. In order to receive this information, a secured connection between the City and TTS will be established.

It is to our understanding that the South Bay Cities Council of Governments (SBCCOG) is constructing a fiber-optic broadband infrastructure to connect City Halls in the South Bay subregion. This high-speed broadband connection would be beneficial to TTS' connections with the City and other prospective SBCCOG constituents to exchange traffic signal status and SPaT data, as this information needs to be pushed out on a second-by-second basis with minimal latency. With a faster connection, the data that is transmitted to the TTS system will be more accurate and reliable, improving our product and services for connected vehicle applications. TTS is the information provider supporting the first automotive OEM system utilizing SPaT information, Audi connect® Traffic Light Information.

TTS is committed to working with the City to further explore the establishment of this secured connection through the South Bay SMART-Net.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kiel R. Ova', is written over a light blue horizontal line.

Kiel Ova, P.E., PTOE  
CMO

**Traffic Technology Services, Inc.**

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