



U.S. Department  
of Transportation  
**Federal Highway  
Administration**

**New Mexico Division**

4001 Office Court Drive  
Suite 801  
Santa Fe, NM 87507

September 27, 2018,

**In Reply Refer To:**  
HFO-NM  
ENGI 23

Mr. Tom Church  
Cabinet Secretary  
New Mexico Department of Transportation  
PO Box 1149  
Santa Fe, NM 87507

Dear Secretary Church:

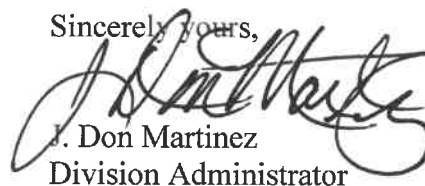
The Federal Highway Administration, New Mexico Division Office, has reviewed the New Mexico Department of Transportation's Certification of certain street lighting materials to be used on Federal-Aid project, CN 5100750.

The Certification establishes that the referenced equipment is essential for synchronization with the existing systems the "City of Taos," maintains. The equipment while proprietary in nature as identified in the Sole Source request must conform to the Federal-Aid Buy America requirements as it is part of a Federal-Aid highway project.

In accordance with 23 CFR 635.411, the request is approved specifically for this project. FHWA Division Office concurs in the use of the request for a duration of four years from September 25, 2018, thru September 3, 2022. After this date, a new request will need to be submitted and reviewed by this office.

Please contact Mr. Robert Bency at 505.820.2034 or [robert.bency@dot.gov](mailto:robert.bency@dot.gov) if you require any additional information or assistance.

Sincerely yours,



J. Don Martinez  
Division Administrator

cc:

Mr. Anthony Lujan, Deputy Secretary Operations  
Mr. Armando Armendariz, Division Director  
Mr. Paul Brasher, Acting District Engineer  
Ms. Sally Reeves, State Construction Engineer



September 11, 2018September 11, 2018September 11, 2018

Federal Highway Administration (FHWA)  
C/O J. Don Martinez – Division Administrator  
4001 Office Court, Suite 801  
Santa Fe, NM 87507

Subject: NM 68 – Taos Urban (CN 5100750 – NM 68/US64) and City wide Federal Projects – Request for Sole Source and Proprietary Lighting Equipment

Dear Mr. Martinez,

The New Mexico Department of Transportation (NMDOT) is requesting approval of a certification. The certification would allow the City of Taos (COT) to specify a patented or proprietary product for street lighting materials for CN 5100750 and other federally funded projects citywide. The specific lighting products are listed in the attachment and the timeframe for this certification will be September 3, 2018 thru September 3, 2022.

The products will be on a National Highway System for projects within the COT.

In accordance with 23 CFR 635.411, the 2015 Stewardship and Oversight Agreement between the FHWA and the NMDOT and the supporting information provided by the COT in their request, the NMDOT requests FHWA approve this certification.

Thank you,

Armando M. Armendariz  
Division Director Design and Construction

XC: Anthony Lujan, Deputy Secretary  
Lawrence Lopez, P.E., North Region Design Manager  
Denise Peralta, P.E., North Region PDE  
Sally Reeves, P.E., Construction and Civil Rights Bureau  
Eunice Cazares, P.E., District 5 CLE  
Frank Lozano, FHWA Operations Engineer  
Robert Bency, P.E., FHWA Area Engineer  
City of Taos

**Susana Martinez**  
Governor

**Tom Church**  
Cabinet Secretary

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NEW MEXICO DEPARTMENT OF  
TRANSPORTATION

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Project Overview

Funding History

Amendment History

Control # 5100750  
Lead Agency NM Dot  
Project Type Road - Add Capacity/Widening (3)  
Title NM 68 - Taos Urban  
Limits NM 68 from La Posta Rd to Kit Carson Rd & N. Plaza milepost 44.14 to 45.22 (1.08 mile)  
US 64 from Kit Carson Rd & N. Plaza to Camino de La Placita-Rivall Lane milepost 254.53 to 253.76  
Description RECONSTRUCTION WITH ADDED CAPACITY  
Production Date 08/27/2018  
Region/TIP D5 18-08.1  
Contact Antonio Jaramillo  
Air Quality  
Local ID District 5  
Total Cost \$22,016,240  
County Taos  
Construction 2018 Start

Letting Date 10/19/2018

Phase	Fund Source	Prior FFY	FFY2018	FFY2019	FFY2020	FFY2021	Future FFY	Total
PE	STATE SEVERANCE TAX	-	\$334,239	-	-	-	-	\$334,239
	Total Preliminary Engineering	-	\$334,239	-	-	-	-	\$334,239
ROW	STATE SEVERANCE TAX	-	\$2,683,000	-	-	-	-	\$2,683,000
	Total Right of Way	-	\$2,683,000	-	-	-	-	\$2,683,000
CON	Any Area- Exempt from Limitation	-	\$2,791,326	-	-	-	-	\$2,791,326
CON	CMAQ - FLEX	-	\$699,216	-	-	-	-	\$699,216
CON	EQUITY BONUS - EXEMPT FROM LIMITATION	-	\$1,193,684	-	-	-	-	\$1,193,684
CON	Population 5-200K- Exempt from Limitation	-	\$348,871	-	-	-	-	\$348,871
CON	REDIST OF CERTAIN AUTHORITY	-	\$2,665,728	-	-	-	-	\$2,665,728
CON	ROAD FUND	-	\$2,144,561	-	-	-	-	\$2,144,561
CON	STATE SEVERANCE TAX	-	\$3,962,761	-	-	-	-	\$3,962,761
CON	STP FLEX	-	\$3,726,135	-	-	-	-	\$3,726,135
CON	STP URBAN - 5K TO 200K	-	\$1,158,602	-	-	-	-	\$1,158,602
	Total Construction	-	\$18,690,884	-	-	-	-	\$18,690,884
ENG/CE	ROAD FUND	-	\$44,862	-	-	-	-	\$44,862
ENG/CE	STP FLEX_NC	-	\$263,255	-	-	-	-	\$263,255
	Total ENG/CE	-	\$308,117	-	-	-	-	\$308,117
	Total Programmed	-	\$22,016,240	-	-	-	-	\$22,016,240



Office of the Governor

NMDOT Headquarters

1120 Cerrillos Road  
Santa Fe, NM 87504-1149

Telephone: (505) 827-5100  
Fax: (505) 827-5469

NEW MEXICO GOV  
NewMexico.Gov

August 24, 2018

Armando Armendariz, P.E.  
New Mexico Department of Transportation  
Chief Engineer  
1120 Cerrillos Road  
Santa Fe, NM 87505

**Susana Martinez**  
Governor

**Tom Church**  
Cabinet Secretary

**RE: Certification 23 CFR 635.411(a)(2) – Lighting Improvements, CN 5100750-NM 68/US 64**

Dear Mr. Armendariz,

The New Mexico Department of Transportation is currently in the final stages of design for CN 5100750, NM 68 / US 64 Project in Taos NM, from mile post 44.143 (NM 68) to 253.764 (US64). During the design phase, the Town of Taos identified a corridor that is in need of pedestrian lighting to increase safety from the intersection of Albright and NM 68 to the intersection of Quesnel/Camino de la Placita and NM 68.

In an effort to be consistent with the existing lighting fixtures already within the corridor, the Town of Taos has requested that similar fixtures be included in the project to provide continuity and maintainability of the equipment. The Town of Taos currently has a signal and lighting agreement with the NMDOT to maintain the existing lighting. The individuals who maintain the lighting system are trained on the current system, by having equipment that they are familiar with will reduce the risk of human error while troubleshooting, and will increase the overall safety of their employees.

The following is a list of the lighting equipment that will be utilized for the corridor within this project:

1. Pole – 16 ft. Aluminum pole with a 2.5' mast arm. (Kim lighting Pole #HAS16-4188 / Kim lighting decorative base cover #HBC1 / Kim lighting mast arm #HA03L)
2. Luminaire – Kim lighting luminaire #SET 2E 35-60L5K (63.4 watt / 4913 lumens / B2-U0-G2 BUG rating/ Type III (short) IES Class)
3. Wire – NMDOT spec governs.
4. Ground wire – NMDOT spec governs.

As with any decorative lighting equipment, each manufacture maintains proprietary information regarding the operations of equipment. Because of this, one cannot easily interchange the equipment due to compatibility issues. By having the same equipment this allows for continuity and maintainability of the equipment. The Town of Taos is able to keep the look of the corridor consistent with what has been installed in a previous project.

**Commissioners**

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Commissioner  
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**Billy Moore**  
Commissioner  
District 6

An existing consolidated lighting agreement has been executed with the Town of Taos and the amended exhibit will incorporate the additional lighting fixtures within this corridor.

In accordance with 23 CFR 635.411(a)(2), that the above particular and propriety products is necessary for synchronization and continuity within the existing facilities. Synchronization is based on the function of the proprietary product that is necessary for the satisfactory operation of the existing facility, and logistics the proprietary product is needed for the overall consistent look of the corridor.

I Antonio Jaramillo, former Division Director of Program Management and current ITS Engineering Manager for the New Mexico Department of Transportation, do hereby certify in accordance with the requirements of the 23 CFR 635.411(a)(2), that this proprietary items are essential for the synchronizaton within the existing highway facilities.

I appreciate you taking your time for this consideration, if you should have any questions please feel free to contact me. I can be reached at 505.235.3245 or via email at

[Antonio.Jaramillo@state.nm.us](mailto:Antonio.Jaramillo@state.nm.us).

Sincerely,



Antonio E. Jaramillo, P.E.  
ITS Engineering Manager  
ITS Bureau



## TOWN MANAGER

August 27, 2018

Armando Armendariz, P.E.  
New Mexico Department of Transportation  
Chief Engineer  
1120 Cerrillos Road  
Santa Fe, NM 87505

**RE: Certification 23 CFR 635.411(a)(2)  
Lighting Improvements, CN 5100750-NM 68/US 64**

Dear Mr. Armendariz,

The Town of Taos has been working closely for some time now with the New Mexico Department of Transportation regarding the rehabilitation and improvement of NM 68/US 64 through the entire length of our historic 300 year old community.

The highway in question serves as the town's primary retail corridor, central business district, historic downtown and the commercial, recreation and entertainment hub for the region. It is also hosts the only connections for the public to the free regional public transit network, North Central Regional Transit District (NCRTD).

Therefore, the safe and more efficient movement of vehicular traffic through the length of our community is critical to the functioning of our entire region, as this state and federal highway is the single north-south corridor to carry traffic through the entire length of our town and county, and conveyance for tourists to all of our public lands, hotels, airport and ski resorts.

In bringing the highway into full ADA and federal highway traffic safety compliance the project is extending full sidewalks and creating bicycle lanes on both sides of the road for the first time, connecting the entire community and acting as the spine of both an existing and future expanded citywide and regional network of trails, sidewalks and bike lanes to connect schools, stores, parks and public transit.

These improvements are therefore critical to our community in joining the northern historic residential neighborhoods and public services (government, library, parks, museums, and concerts) with the southern retail commercial area (containing schools, family recreation,

movies, bowling alley, hotels). Due to the barriers created by Pueblo land-owned lands, mountains and other environmental features the NM 64/US 68 corridor is the only mechanism for creating a vehicular and non-vehicular north-south connection between the northern and southern portions of the town and county.

Unfortunately, until now cyclists and pedestrians were forced to walk or ride on the busy NM 64/US 68 highway in many sections (including the area that is the subject of this letter requesting special consideration for historic pedestrian lighting) due to a lack of sidewalks, bike lanes or shoulders, resulting in vehicle-pedestrian, vehicle-cyclist and cyclist-pedestrian conflicts.

These conflicts, combined with a lack of lighting for pedestrians and cyclists, has resulted in numerous injuries, hit and runs and even deaths at various points along the corridor.

There is a significant break in the streetscape on Paseo del Pueblo Sur (State 64/US 68) between the intersection at Albright Lane (grocery stores, high school, senior center, banks and county government and courts) and Camino de la Placita/Quesnel (the beginning of the historic downtown and the nationally and state recognized historic district), including some very dark, treed, undeveloped, dangerous and empty areas in need of redevelopment. This area is the principal "choke point" of NM 64/US 68 in Taos County, where the drive lanes begin to narrow entering the downtown and congestion begins to build, especially during lunchtime and commuting hours, making it a particularly hazardous area for pedestrians and cyclists. It is also important to the Town as both the gateway to our 300 year old Historic District and an area undergoing both vigorous preservation and redevelopment. There is a desire to make this section aesthetically appealing and different, identifying it as the gateway, as well as making it attractive and safe to shoppers, visitors and potential investors as a walkable, bikeable and safe area of the community.

Therefore, the placement of pedestrian oriented lighting along this portion of the corridor is critical to public safety, joining our northern and southern sections of the town, and encouraging the use of non-motorized alternatives in this most congested of the areas in the downtown.

For the town to function as a community from north to south and for the town and state to be successful in reducing traffic in this already vehicle intensive corridor that lacks any economically and environmentally realistic by-pass alternatives at this time or in the foreseeable future, it is critical to encourage local residents in particular to utilize non-motorized transportation alternatives to private vehicles and lighting in this area is critical to that success.

NM DoT is currently in the final stages of design for CN 5100750, NM 68 / US 64 Project in Taos NM, from mile post 44.143 (NM 68) to 253.764 (US64).

While we are grateful that NM DoT is considering the addition of pedestrian lighting for this important section of the corridor, this area is also part of a historic design overlay and is the entrance to the 300 year old state and nationally recognized Historic District. Therefore, the lighting must meet with the approval of the State Office of Historic Preservation and our Historic Preservation Commission, both of whom are charged with overseeing the US Department of the Interior standards for historic areas and design.

Therefore, in an effort to be consistent with the existing lighting fixtures already within the corridor, the downtown Historic District and the adjacent Taos County Complex, the Town of Taos has requested that fixtures similar in height, color, shape and design be included in the project to provide aesthetic continuity and historic compliance (all relevant reviewing bodies for historic compatibility have already approved the design and wattage of the requested equipment).

Additionally, the Town has signed a lighting maintenance agreement with NM DoT in order to assume responsibility for operating and maintaining the lighting to be installed. After consulting with NM DoT, the Town's lighting consultants and those of NM DoT it has been determined that by having uniformity of design and engineering, initial and annual training and maintenance would be significantly reduced for our staff.

Per the lighting agreement, the following is a list of the lighting equipment is being requested by the Town and has been agreed to by NM DoT for this project:

1. Pole – 16 ft. Aluminum pole with a 2.5' mast arm. (Kim lighting Pole #HAS16-4188 / Kim lighting decorative base cover #HBC1 / Kim lighting mast arm #HA03L)
2. Luminaire – Kim lighting luminaire #SET 2E 35-60L5K (63.4 watt / 4913 lumens / B2-U0-G2 BUG rating/ Type III (short) IES Class)
3. Wire – NMDOT spec governs.
4. Ground wire – NMDOT spec governs.

It is our understanding from our engineering consultants and public works department that, in accordance with 23 CFR 635.411(a)(2), the above specific propriety products, as identified in partnership and concurrence with NM DoT, have been identified by NM DoT and the town as necessary for synchronization and continuity within the existing facilities in the project corridor and the surrounding historic district. Synchronization is based on the function of the proprietary product that is necessary for the satisfactory operation of the existing operations, and the specific proprietary product(s) identified by the designers and engineers of the project are therefore necessitated by the relevant code to maintain the consistent appearance and functioning of both the existing and newly designed portions of the project throughout the relevant areas of the highway corridor.

The Town and its residents greatly appreciate the extensive cooperation that has been extended by NM DoT and FHWA in their addressing in a comprehensive manner the multi-faceted intermodal transportation and safety needs of this diverse tourism community, while simultaneously demonstrating a true sensitivity to achieving this in a manner that respects the historic design considerations of Taos, as one of the oldest continually inhabited communities in the America's.

I would like to thank you, the entire NM DoT staff, including Mr. Antonio Jaramillo, and Mr. Robert Bency at FHWA for taking the time to review and consider our input on this very important project.

Should you, Mr. Bency, or any of the other reviewing staff have any questions, please do not hesitate to contact me at the phone or email information listed below.

Sincerely,



Richard P. Bellis,  
Town Manager/Acting Director of Planning, Community and Economic Development  
Email: [rbellis@taosgov.com](mailto:rbellis@taosgov.com)  
Office: (575) 751-2002  
Cell: (575) 770-2606

cc: Mayor Daniel R. Barrone  
Town Council  
French Espinosa, Director of Public Works  
Antonio E. Jaramillo, P.E. , NM DoT