



October 22, 2025

Mr. James Purcell, PE, PMP
Assistant Municipal Engineer
Department of Infrastructure & Operations
Municipality of Princeton
400 Witherspoon Street
Princeton, NJ 08540

RE: Proposal for Extra Engineering Services – Proposed RRFB Crosswalk Installations
US Route 206 at Herrontown Road and Mangrove Road, Municipality of Princeton

Dear Mr. Purcell:

WSP USA Inc. (“WSP”) is pleased to submit this proposal for additional design services for the pedestrian crossing warning signs equipped with Rectangular Rapid Flashing Beacons (“RRFBs”) at existing striped crosswalks across US Route 206 (“US 206”) at Mangrove Road and at Herrontown Road in the Municipality of Princeton, as requested by Princeton. The proposed RRFBs and curb ramps at the Mangrove Road intersection will be installed by NJDOT per the July 21, 2025 meeting between NJDOT and Princeton and will be excluded from the contract documents.

This proposal is for extra work for the completion of the design of RRFBs at the Herrontown Road intersection including additional sidewalk, curb ramps, and driveway designs. As part of this scope of work, WSP will: request site plan and survey information from Princeton; digitize the site plans into project files; design additional sidewalk and curb ramps; redesign driveways at the shopping center at Herrontown Road; prepare plans for the additional designs; submit plans to NJDOT for review and approval; coordinate and obtain access permits from NJDOT; and perform construction engineering services.

Our proposed scope of work is as follows:

US Route 206 & Herrontown Road

1. WSP will design the reconstruction of the existing bituminous sidewalk with 5' concrete sidewalk on Block 901, Lot 19. The design of the sidewalk to replace the existing bituminous sidewalk will be along the US Route 206 frontage. Princeton will reconstruct, under a separate project, the existing bituminous sidewalk along the Herrontown Road frontage. That reconstructed shared-use path will terminate at the concrete landing area of the new curb ramp this project will construct.

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2. WSP will design a new concrete sidewalk along the US Route 206 frontage of Block 901 Lot 19 from its existing location to the property line for Lot 19 and Lot 22. Princeton will provide a site plan and property survey for Lot 22 to WSP. WSP will digitize the site plan to obtain the topographic feature for the design of the sidewalk along US Route 206 frontage.
3. Princeton will provide a site plan and property survey for Block 805, Lot 4 to WSP. WSP will digitize the site plan and design the sidewalk for the RFFB to meet the developer's proposed sidewalk of Lot 4.
4. WSP will perform a Highway Lighting Analysis for the mid-block crosswalk at this location. Existing lighting appears to be present in vicinity of the crosswalk utilizing utility pole mounted light fixtures. WSP will conduct a field inventory and evaluate the existing illumination levels using the Visual Lighting program to confirm if the existing lighting levels meet NJDOT lighting criteria in accordance with Section 11 of the NJDOT Roadway Design Manual. If lighting levels are not met, WSP will perform proposed lighting analysis and design that meets NJDOT criteria utilizing existing utility poles and utility company (PSE&G) approved luminaires. The proposed lighting design will be shown on the Electrical Plans prepared for the RRFB at this location. WSP will coordinate with the utility company to ensure the proposed lighting design is implemented in the field by the utility company.
5. WSP will prepare a Traffic Signal Plan for the RRFB (1 sheet) and a Timing Plan (1 sheet) to be included in the contract documents as requested by NJDOT.

US Route 206 & Mansgrove Road

1. WSP will eliminate the design plans for the curb ramps and RRFBs from the contract documents since those will be installed by NJDOT per the July 21, 2025 meeting between NJDOT and Princeton.
2. It is assumed that a Highway Lighting Analysis is no longer needed for this location and is not included in this scope.

General

1. The supplemental designs of sidewalk, driveways, and curb ramps will be updated on the Construction and Traffic plans prepared in the original scope of work for the RRFB.
2. WSP will coordinate with NJDOT on ROW/Minor Access to obtain the access permits for construction of the project.
3. WSP will update the two (2) IPMs and two (2) Descriptions for ROW fee takes and temporary and/or permanent easements for the additional design elements.
4. WSP will update the engineer's cost estimate and special provisions to include the additional design elements and removal of the Mansgrove Road intersection from the contract documents.
5. Construction services: We will respond to contractor RFIs during the bid and construction processes. If requested, we will attend a pre-construction meeting; and we will attend one (1) field meeting to review and resolve construction issues. At substantial completion, we will field review the installations to verify compliance with the plans and identify any remaining work items, to be summarized in a "punch list". At completion of the work, we will prepare and submit final as-built plans for the project locations to NJDOT as part of final approval.

6. During the course of the project, we will attend up to two (2) working meetings (in-person or virtual) to review the supplemental work effort of the project.

Fees, Terms and Conditions

Our fee for this assignment is Not To Exceed Thirty-Six Thousand Nine Hundred Dollars (\$36,900.00). Invoices will be prepared on a Time and Materials basis reflecting the actual labor and expenses incurred in the conduct of the project.

The review documents and comments will be prepared for the benefit of the Municipality of Princeton (Client and Owner), pursuant to this letter proposal dated October 22, 2025. The use of and reliance on this report by any person or entity other than the Client and Owner is not authorized.

This agreement is for the exclusive benefit and convenience of the Parties hereto. Nothing contained herein shall be construed as granting, vesting, creating or conferring any right of action or any other right or benefit upon any other third party.

WSP will perform its services consistent with the care and skill ordinarily used by members of the applicable profession practicing under similar conditions at the same time and in the same locality. WSP makes or intends no other warranty, express or implied.

Changes may be made to the Services, in which event an equitable adjustment, mutually agreed by you ("Client") and WSP, will be made to the contract scope, schedule and budget amount. Additional services may also be requested. Likewise, such additional services shall be defined by scope, schedule, and budget. Upon receipt of the modification to this agreement, WSP will perform such changed and/or additional services. WSP may initiate such notification upon identifying a condition which may change the SERVICES agreed to on the effective date of this Agreement.

Please contact this office if you have any questions or comments on this proposal. We appreciate the opportunity to work with Princeton again and we look forward to continuing to serve you. If you have any questions or need more information, please don't hesitate to contact this office.

Sincerely,

WSP USA Inc.



Peter Lachmanowicz, PE, PMP
Project Manager

cc: Marilyn Fox, WSP

WSP USA Inc.

Municipality of Princeton - RRFB and ADA Curb Ramp Extral Designs at Two Intersections on US Route 206

Cost Proposal - October 22, 2025

COST SUMMARY

WSP USA Inc.		
Labor		\$13,816.25
Overhead	137.81%	\$19,040.17
Subtotal		\$32,856.42
Fee	10%	\$3,285.64
Direct Expenses		\$723.00
WSP Total		\$36,865.07
Sub Consultants		
None		
PROJECT TOTAL COST		\$ 36,900.00

WSP USA Inc. Municipality of Princeton - RRFB and ADA Curb Ramp Extral Designs at Two Intersections on US Route 206 Cost Proposal - October 22, 2025											
TASKS		ASCE GRADE	PVII	PVI	PIV	PIII	PII	PI	ET4	ET2	Total
		GROUP -> TITLE	Traffic/Civil Sr. Supvg. Plan/Engr	Traffic/Civil Supervising Plan/Engr	Traffic/Civil Sr. Civil Engr	Civil Senior Plan/Engr	Traffic Plan/Engr II	Traffic Assistant Plan/Engr	Traffic/Civil CADD SURVEY	CADD	Person Hours
Extra Design											
	Route 206 & Herrontown Road										
	Additonal Sidewalk/Curb Ramp Design		2		8		12		12	8	42
	Prepare Signal (1) and Timing (1) Plans			2	12		12		4	16	46
	Highway Lighting (field inv, calculations, and coordination)			2	8		12	4	8	2	36
	Route 206 & Mansgrove Road										
	Remove location from Contract Documents		1		4		4		6		15
	General										
	NJDOT ROW/Minor Access Coordination		4								4
	Update ROW - IPMs and Description		2		8		8		6		24
	Update Cost Estimate & Specs			2	8						10
	Construction services (including As-Builts)		2	8	20	12			16	16	74
	Meetings/working sessions (2)		4	4							8
TOTAL TASKS			15	18	68	12	48	4	52	42	259
*AVERAGE HOURLY RATE BY TITLE (as of October 1, 2025)			\$99.13	\$82.60	\$55.72	\$49.36	\$40.83	\$39.16	\$53.24	\$37.53	
TOTAL SALARIES			\$ 1,486.95	\$ 1,486.80	\$ 3,788.96	\$ 592.32	\$ 1,959.84	\$ 156.64	\$ 2,768.48	\$ 1,576.26	\$ 13,816.25

Direct Expense Calculation				
NJDOT Access Permits	2 Submissions	\$	200.00	\$400.00
Reproduction**				\$183.00
Mileage	200 miles @	\$	0.70	\$140.00
TOTAL				\$723.00

** Plan reproduction performed by outside vendors.

Labor	\$13,816.25
Overhead	137.81% \$19,040.17
Subtotal	\$32,856.42
Fee	10% \$3,285.64
Direct Expenses	\$723.00
WSP Total	\$36,865.06
Grand Total	\$36,865.06