To: Kevin Marchek  
Attn: Masood Ahmad

From: Maureen M. Addis

Subject: Pavement Design Approval

Date: June 19, 2017

Route: FAP 517 (US 20 BUS)  
Job No.: D-92-027-16

Section: (2Y-1)N  
Contract: 64L14

County: Winnebago

Limits: Intersection with Perryville Rd

We have reviewed the pavement design for the above referenced project which was submitted on June 1, 2017. The scope of the project is to add dual left turn lanes at the intersection.

Due to this being a short segment of widening, along with a high volume of large trucks, we concur with the District’s determination of this being a special design; and no cost analysis or comparison of pavement types is required.

The approved pavement design is as follows:

10" PCC Base Course
2.5" HMA Overlay

If you have any questions, please contact Mike Brand at (217) 782-7651.
Illinois Department of Transportation

Memorandum

To: Maureen Addis
From: Kevin Marchek
Subject: Pavement Design
Date: June 1, 2017
Attn: Mike Brand
By: Masood Ahmad

FAP Route 517 (US 20 BUS)
Section (2Y-1)N
Winnebago County
Job No. D-92-027-16
Contract No. 64L14
Dual Left Turn Lanes added at the intersection of US 20 BUS (East State Street) and Perryville Road.
HSIP Funding

This section of roadway consists of approximately 4,928 square yards of Portland Cement Concrete Base Course.

This intersection also falls into the high stress intersections category because the MU ADT is greater than or equal to 200 vehicles with 279 MU.

We recommend that we use Portland Cement Concrete Base Course, 10" to match the existing pavement thickness, with an overlay consisting of 1"Polymerized Leveling Binder (Machine Method) N90 and 1.5" Polymerized Hot-Mix Asphalt Surface Course, Mix "F", N 90.

If you have any questions, please call Steve Robery at 815-284-5510.

de0031
Location Map

FAP 517 (US BUS 20)
Sec (2Y-1)N
Winnebago County
P-92-027-16
Contract No 64L14
Rockford Township, Range T. 44N.-R.2 E., Sections 22 and 23
0.67 miles along US 20 from Mid American Dr to Bell School
November 9, 2018 Letting
Intersection Improvement (at Perryville Rd.) and
Resurfacing (from Mid American Dr. to Buckley Dr.)
HSIP Funds
Contact: Emmanuel Santos x951 or Traci Duden x932
EX US 20 BUS
E STATE ST)

STA 650+40.80 TO STA 662+05.40