Change Order #2 and Final Justification

<u>Hot-Mix Asphalt Surface Removal, 2"</u>: The final field measurement was different than the inventory data. Hence, less of this pay item is needed.

<u>Hot-Mix Asphalt Surface Removal, 2.25"</u>: The final field measurement was different than the inventory data. Hence, less of this pay item is needed.

<u>Hot-Mix Asphalt Surface Removal, 4"</u>: The final field measurement was different than the inventory data. Hence, less of this pay item is needed.

<u>Hot Mix Asphalt Surface Removal – Butt Joint:</u> The final field measurement was less than the anticipated amount. Hence, less of this pay item is needed.

<u>Bituminous Material (Prime Coat)</u>: The final field measurement and ticket provided by the Contractor was less than the anticipated amount. Hence, less of this pay item is needed.

<u>Hot Mix Asphalt Surface Course, Mix D, N70:</u> The final field quantity was more than the anticipated amount due to the difference in the field measured area. Hence, more of this pay item is needed.

<u>Hot Mix Asphalt Surface Course, Mix D, N50:</u> The final field quantity was less than the anticipated amount due to the difference in the field measured area. Hence, less of this pay item is needed.

<u>Polymerized Hot-Mix Asphalt Binder Course, IL-4.75, N50:</u> The final field quantity was less than the anticipated amount due to the difference in the field measured area. Hence, less of this pay item is needed.

<u>Hot Mix Asphalt Binder Course, IL 19.0, N70:</u> The final field quantity was less than the anticipated amount due to the difference in the field measured area. Hence, less of this pay item is needed.

<u>Longitudinal Joint Sealant:</u> The final field quantity was less than the anticipated amount due to the difference in the field measured area. Hence, less of this pay item is needed.

<u>Mixture for Cracks, Joints, and Flangeways:</u> The amount was an anticipated quantity based on engineering experience. However, field conditions did not require any of this pay item.

<u>Class D Patches, Type I, 2.5"</u>: The patching item is estimated quantity based on the existing surface condition. However, the actual quantity is determined after the milling is completed. Based on the field condition, less quantity was needed than anticipated quantity.

<u>Class D Patches, Type II, 2.5"</u>: The patching item is estimated quantity based on the existing surface condition. However, the actual quantity is determined after the milling is completed. Based on the field condition, more quantity was needed than anticipated quantity.

<u>Class D Patches, Type III, 2.5"</u>: The patching item is estimated quantity based on the existing surface condition. However, the actual quantity is determined after the milling is completed. Based on the field condition, less quantity was needed than anticipated quantity.

<u>Class D Patches, Type IV, 2.5"</u>: The patching item is estimated quantity based on the existing surface condition. However, the actual quantity is determined after the milling is completed. Based on the field condition, no quantity was needed.

<u>Class D Patches, Type I, 4.5"</u>: The patching item is estimated quantity based on the existing surface condition. However, the actual quantity is determined after the milling is completed. Based on the field condition, no quantity was needed.

<u>Class D Patches, Type II, 4.5"</u>: The patching item is estimated quantity based on the existing surface condition. However, the actual quantity is determined after the milling is completed. Based on the field condition, no quantity was needed.

<u>Class D Patches, Type III, 4.5"</u>: The patching item is estimated quantity based on the existing surface condition. However, the actual quantity is determined after the milling is completed. Based on the field condition, no quantity was needed.

<u>Class D Patches, Type IV, 4.5"</u>: The patching item is estimated quantity based on the existing surface condition. However, the actual quantity is determined after the milling is completed. Based on the field condition, no quantity was needed.

<u>Class D Patches, Type I, 6"</u>: The patching item is estimated quantity based on the existing surface condition. However, the actual quantity is determined after the milling is completed. Based on the field condition, no quantity was needed.

<u>Class D Patches, Type II, 6"</u>: The patching item is estimated quantity based on the existing surface condition. However, the actual quantity is determined after the milling is completed. Based on the field condition, no quantity was needed.

<u>Class D Patches, Type III, 6"</u>: The patching item is estimated quantity based on the existing surface condition. However, the actual quantity is determined after the milling is completed. Based on the field condition, no quantity was needed.

<u>Class D Patches</u>, <u>Type IV</u>, <u>6"</u>: The patching item is estimated quantity based on the existing surface condition. However, the actual quantity is determined after the milling is completed. Based on the field condition, no quantity was needed.

<u>Asphalt for Temporary Access (Special):</u> This item was included based on engineering experience. However, the progress of the contractor required less than anticipated quantity during construction.

<u>Combination Curb and Gutter Removal</u>: Re-evaluation of existing combination curb and gutter during the construction resulted in reduced quantity.

Curb Line Saw Cut and Grout: Based on field condition, there was a decrease in this quantity.

<u>Combination Curb & Gutter (Special)</u>: Due to the decrease in item Combination Curb and Gutter Removal, there was a decrease in this quantity.

<u>PCC Driveway Removal</u>: Staff anticipated more driveway apron removals during the estimation process. However, based on the construction, less than anticipated driveway apron removal was required.

<u>PCC Driveway, 6 inch, Special</u>: Re-evaluation of existing P.C.C. driveways during the construction resulted in reduction in quantity.

<u>PCC Driveway, 8 inch, Special:</u> Re-evaluation of existing P.C.C. driveways during the construction resulted in reduction in quantity.

Sidewalk Removal (Special): Re-evaluation of the field condition required removal of more sidewalk.

PCC Sidewalk, 5": Re-evaluation of the field condition required replacement of less sidewalk.

PCC Sidewalk, 8": Re-evaluation of the field condition required replacement of more sidewalk.

Sidewalk side curb: Re-evaluation of the field condition required more of the side curbs.

<u>Detectable Warnings</u>, <u>Special</u>: Re-evaluation of the field condition warranted less of this quantity.

<u>Hot-Mix Asphalt Driveway Removal:</u> Re-evaluation of existing hot-mix asphalt driveways during the construction resulted in less quantity.

<u>Hot-Mix Asphalt Driveway Pavement, 3":</u> Based on field conditions, there was an decrease in this quantity.

<u>Brick Paver Removal and Replacement:</u> Re-evaluation of existing brick pavers during the construction resulted in reduction in quantity.

Structure to be Adjusted: Based on the field condition, less of this item was needed.

<u>Structure to be Reconstructed</u>: The amount was an anticipated quantity based on engineering experience. However, field conditions did not require this item.

<u>Frame and Grates, Special</u>: The amount was an anticipated quantity based on engineering experience. However, field conditions required more of this item.

New Type 1 Frame and Grate, Open Lid: The amount was an anticipated quantity based on engineering experience. However, field conditions did not require this item.

<u>New Type 1 Frame and Grate, Closed Lid</u>: The amount was an anticipated quantity based on engineering experience. However, field conditions did not require this item.

<u>Service Box Adjustment</u>: The amount was an anticipated quantity based on engineering experience. However, field conditions required more of this pay item.

<u>Service Box Replacement</u>: The amount was an anticipated quantity based on engineering experience. However, field conditions did not require this pay item.

<u>Valve Boxes to be adjusted</u>: The amount was an anticipated quantity based on engineering experience. However, field conditions required less of this pay item.

<u>Valve Boxes to be replaced</u>: The amount was an anticipated quantity based on engineering experience. However, field conditions did not require this pay item.

<u>Thermoplastic Pavement Marking Letters & Symbols</u>: The final field inspection data is less than the inventory record; hence less of this item is required.

<u>Thermoplastic Pavement Marking Line, 4"</u>: The final field inspection data is more than the inventory record; hence more of this item is required.

<u>Thermoplastic Pavement Marking Line, 6"</u>: The final field inspection data is less than the inventory record; hence less of this item is required.

<u>Thermoplastic Pavement Marking Line, 12"</u>: The final field inspection data is less than the inventory record; hence less of this item is required.

<u>Thermoplastic Pavement Marking Line, 24</u>": The final field inspection data is more than the inventory record; hence more of this item is required.

Paint Pavement Marking Letters & Symbols: The final field inspection did not require this pay item.

<u>Temporary Pavement Marking</u>: The amount was an anticipated quantity based on engineering experience. However, field conditions required less of this item.

<u>Pavement Marking Removal</u>: The amount was an anticipated quantity based on engineering experience. However, field conditions did not require this item.

<u>Detector Loops, Type I:</u> The final field measurement was less than the inventory data for these streets. Hence, less of this pay item is needed.

<u>Supplemental Watering</u>: The amount was an anticipated quantity based on engineering experience. However, field conditions did not require this item.

<u>Parkway restoration-Sod</u>: Less areas needed to be regraded and restored with sod rather than seed. Hence, less of this pay item is needed.

Parkway restoration-Seed: Based on field conditions, less of this pay item is needed.

<u>Earth Sawcut at Tree Roots</u>: The amount was an anticipated quantity based on engineering experience. However, field conditions required less of this pay item.

<u>Porous Granular Embankment</u>: The amount was an anticipated quantity based on engineering experience. However, field condition required none of this quantity.

<u>Special Excavation</u>: The amount was an anticipated quantity based on engineering experience. However, field condition required none of this quantity.

<u>Geotechnical Fabric for Ground Stabilization:</u> The amount was an anticipated quantity based on engineering experience. However, field condition required none of this quantity.

<u>Changeable Message Sign</u>: The amount was an anticipated quantity based on estimated construction time. However, actual construction required none of this quantity.