

CPR Delivery – Roles & Responsibilities 1/8/20

The following describes the roles and responsibility for Cyclical Pavement Resurfacing (CPR) projects:

Maintenance and Operations

- Fund and replace any pipe replacements necessary (preferably year prior to treatment)
- Fund and remove excessive winter sand and ditch cleaning

Project Development

- Fund all other work associated with CPR regardless of delivery method
- Responsible for development and delivery of the project

Project Development/Maintenance and Operations

- Region's Senior Project Manager and Region Engineer will ride the project and mutually agree on project needs and best delivery approach (stand alone or include with an LCP pave area) for the following:
 - o Guardrail needs
 - o ADA needs
 - o Existing edge drop-off
 - o Locations for shoulder milling
 - o Safety concerns

Roles and Responsibilities

M&O

- Replace pipes prior year
- Excessive winter sand removal and ditching
- Manage on-call guardrail contract and traffic control (charged to WIN)
- Traffic control if part of LCP contract (charged to WIN)
- Back-up pavement if excessively high equipment rental bids (charged to WIN)
- Final stripe
- Temp stripe if part of LCP contract (charged to WIN)

PD

- Acquire permitting for guardrail
- Provide M&O with guardrail quantities for on-call guardrail contract
- Develop and deliver ADA the following year with different WIN
- Include traffic control items in contract if stand-alone
- Include equipment rental items to back-up pavement
- Include any necessary CB adjustments in contract
- Include milling item for urban area shoulders
- Include traffic loops as applicable
- Review drives to determine method of matching
- Add 403.209 and 411.10 item as required
- Temp stripe items in contract if stand-alone
- Coordinate with M&O inside compact-may need to include additional items in the contract

Work items

Guardrail

- Delivered through M&O on-call guardrail contract
- Paid through CPR WIN
- M&O provide traffic control paid through CPR WIN

ADA

- Separate contract the following year
- Delivered by Sr. PM

Traffic Control

- Advertised with LCP
 - o Done by M&O (Either state forces or contracted)
- Advertised alone
 - o Done by contractor forces

Pavement Back-up

- Include equipment rental item in all contracts
 - o 5 Hr APE per mile
 - o 10 Hr Truck-Large per mile
- If excessively high bid, work with M&O to accomplish

CB Adjustment

- Include needed adjustments in the contract
- The preferred treatment is to mill around and matching into if possible
- Can include optional utility adjustments if applicable

Shim/Surface

- Shim – 6.3mm HMA – Item #461.216
 - o 500 T/Mile
 - o Continuous shim the entire length of the project
 - o Zero out as soon as reasonable on shoulder
- Surface – 9.5mm HMA – Item #461.210
 - o ¾” compacted depth
 - o Resurface all traveled ways and paved shoulders

Shoulders

- Intended to pave existing paved shoulder, not to convert gravel shoulders to paved
- Can convert gravel to paved with discussion and commitment from both Bureaus
- Look to narrow excessive shoulder width to match corridor

Urban Areas

- Include milling item to reduce impacts to curb and driveways
- 0” mill at white line tapering down to ¾” at gutter

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Driveways

- Paved (in order of preference)
 - o Match into while paving surface – Use LCP note to feather in
 - o Match into precut butt joint while paving surface
 - o Add 403.209 item to contract
 - o Pave existing driveways as required; field entrances and woods road not paved
- Gravel
 - o Add 411.10 item to match in

Striping

- Final by M&O forces
- Temp by M&O if advertised with LCP contract
- Temp by contractor if advertised stand-alone

Traffic Loops

- Included in CPR contract as needed. Not intended to upgrade intersections without conversation and funding from Traffic Engineering

Mobilization

- Do not include a pay item if advertised with LCP contract
- Include a pay item if advertised stand-alone

Future Years

- Region's M&O and PD work to develop multi-year plan similar to LCP
- Prep work included in Work Plan (Work Request) the previous year to delivery