CITY OF CHEYENNE
EAST 12TH STREET & MEADOW DRIVE
MILL AND OVERLAY PROJECT
BID NO. S-3-21

LEGEND

EDGE OF AREA TO BE MILLED
1.5" ASPHALT MILLING AND 2" ASPHALT OVERLAY AREA
REMOVE & REPLACE CONCRETE
REMOVE & REPLACE CURB & GUTTER
EXISTING STORM SEWER
EXISTING SANITARY SEWER
EXISTING VALVE
EXISTING CATCH BASIN
PROPERTY LINE
MATCH LINE
PAVEMENT MARKINGS
ASPHALT PATCHING AFTER MILLING

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ABBREVIATIONS

R&R - REMOVE AND REPLACE
SW - SIDEWALK
CDA - COMMERCIAL DRIVE ACCESS
VP - VALLEY PAN
C&G - CURB AND GUTTER
APAT - ASPHALT PATCH
DA - DRIVE ACCESS
EDG - EDGE OF GUTTER
CL - CENTERLINE
DWP - DETECTABLE WARNING PLATES
ST - STREET

REVIEWED AND APPROVED PER CITY STANDARDS, ORDINANCES, AND CITY CODES

CITY ENGINEER ____________________________

8/20/2020

INBERG-MILLER ENGINEERS

EAST 12TH ST. & MEADOW DR.
MILL AND OVERLAY PLANS

COVER SHEET

C0.1

8/20/2020

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100% DESIGN DRAWINGS ISSUED FOR BID

8-03-2020

10.15.50 AM
GENERAL NOTES:

1. ALL WORK SHALL BE DONE IN CONFORMANCE WITH CURRENT CITY OF CHEYENNE AND BOPU STANDARD SPECIFICATIONS.

2. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL PUBLIC AND PRIVATE UTILITY STRUCTURES AND DIMENSIONS SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT OF THE PROPOSED IMPROVEMENTS.

3. REMOVAL AND REPLACEMENT AREAS ARE SHOWN FOR REFERENCE ONLY. ACTUAL REMOVAL AND REPLACEMENT AREAS SHALL BE MARKED BY CITY OF CHEYENNE PERSONNEL PRIOR TO BEGINNING WORK.

4. THE THICKNESS OF BITUMINOUS MIXTURES SHOWN ON THE PLANS ARE NOMINAL. DEVIATION MAY OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE ON WHICH THE BITUMINOUS MATERIALS ARE BEING PLACED.

5. PATCHES SHALL CONSIST OF MIN. 6" ASPHALT THICKNESS. EACH PATCH SHOULD BE PLACED ON A MINIMUM OF 6 INCHES OF GRADING "W" BASE COURSE COMPACTED TO MINIMUM OF 95% COMPACTED PER ASTM D6969. THE SUBGRADE SHALL BE PROOF ROLLED OR PROBED PRIOR TO BASE Courses PLACEMENT. IF DEFLECTION IS OBSERVED, IT SHALL BE CORRECTED IN THE FIELD AS DIRECTED BY A REPRESENTATIVE OF THE CITY OF CHEYENNE. REFER TO CITY OF CHEYENNE SPECIFICATION 2515.

6. ALL MANHOLES FRAMES AND LIDS WITHIN THE PAVEMENT LIMITS SHALL BE NEW, ADJUSTED TO FINAL GRADE.

7. ALL TOP SECTIONS AND LIDS ON ALL VALVE BOXES AND CURB TOPS WITHIN THE PAVEMENT LIMITS SHALL BE NEW, ADJUSTED TO FINAL GRADE.

8. ALL R&R CONCRETE ADJACENT TO EXISTING ASPHALT SHALL REQUIRE A 2 FOOT WIDE BY "X" LONG ASPHALT PATCH.

GENERAL NOTES CONTINUED:

9. CONCRETE COLLARS FOR PUBLIC AND PRIVATE UTILITY STRUCTURES MAY BE ROUND, INSTEAD OF SQUARE, WITH OUTSIDE DIAMETER DETERMINED BY MINIMUM OFFSET DIMENSIONS SHOWN ON THE CITY OF CHEYENNE STANDARD DRAWINGS. REBAR SHALL BE SHAPED TO CONFORM TO THE ROUND COLLAR.

10. ALL EXISTING PREFORM TRAFFIC MARKINGS (EXCLUDING LONG-LINE MARKINGS), REGARDLESS OF CONDITIONS, SHALL BE REPLACED IN THE SAME LOCATION AS BEFORE OR AS DIRECTED BY THE CITY ENGINEER’S OFFICE.

11. ALL MANHOLES AND VALVE COVERS MARKED IN DRAWINGS ARE APPROXIMATE LOCATIONS. ACTUAL NUMBER, QUANTITY AND LOCATION TO BE FIELD VERIFIED BEFORE CONSTRUCTION.

12. ALL ADA RAMPS AND DRIVE ACCESSES CALLED OUT IN THE PLANS ARE FOR REFERENCE ONLY AND SHALL BE FIELD LOCATED AND INSTALLED PER CITY OF CHEYENNE STANDARD SPECIFICATIONS AND DETAILS.

13. THE CONTRACTOR IS RESPONSIBLE FOR LANDSCAPE REPAIRS AND RESTORATION REQUIRED TO CONSTRUCT THE IMPROVEMENTS SHOWN OR AS MARKED BY CITY OF CHEYENNE PERSONNEL.

14. EROSION CONTROL SHALL BE IN CONFORMANCE WITH THE CITY OF CHEYENNE STANDARD SPECIFICATIONS AND THE CONTRACTOR’S STORM WATER POLLUTION PREVENTION PLAN (SWPPP), UNLESS OTHERWISE SHOWN ON PLANS. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE AND FULLY CONSTRUCTED PRIOR TO ANY DISTURBANCE.

15. EXISTING FENCE, TREES, ROADWAYS, SIDEWALK, CURB AND GUTTER, LANDSCAPING, STRUCTURES, SIGNS, AND OTHER FEATURES THAT ARE DESTROYED, DAMAGED, OR REMOVED BY THE CONTRACTOR, SHALL BE REPLACED OR RESTORED AT THE CONTRACTOR’S EXPENSE, UNLESS OTHERWISE SHOWN ON PLANS.

16. ALL LONG LINE STRIPING SHALL BE PERFORMED BY CITY FORCES.

LONG STRIPING QUANTITIES

<table>
<thead>
<tr>
<th>ITEM</th>
<th>UNIT</th>
<th>QTY</th>
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<tbody>
<tr>
<td>DOUBLE YELLOW LINE</td>
<td>LF</td>
<td>6,100</td>
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<td>LONG STRIPING</td>
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<td></td>
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<tr>
<td>SINGLE SOLID WHITE</td>
<td>LF</td>
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<td>LINE LONG STRIPING</td>
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2020 Pavement Management Mill and Overlay Quantities

<table>
<thead>
<tr>
<th>ITEM</th>
<th>Unit</th>
<th>QTY</th>
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</thead>
<tbody>
<tr>
<td>ASPHALT MILLING 1 1/2&quot;</td>
<td>SQ YD</td>
<td>33,300</td>
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<tr>
<td>ASPHALT PAVEMENT- 2&quot; COMPACTED</td>
<td>TONS</td>
<td>3,980</td>
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<tr>
<td>ASPHALT PATCH AFTER MILLING 6&quot;</td>
<td>SQ YD</td>
<td>1,866</td>
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<tr>
<td>ASPHALT PATCH 6&quot;</td>
<td>SQ YD</td>
<td>914</td>
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<tr>
<td>CONCRETE PAVING 8&quot;</td>
<td>SQ YD</td>
<td>22</td>
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<tr>
<td>CONCRETE REMOVAL NOT INCLUDED WITH OTHER ITEMS</td>
<td>SQ FT</td>
<td>1,280</td>
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<tr>
<td>UNCLASSIFIED EXCAVATION</td>
<td>CU YD</td>
<td>1,145</td>
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<tr>
<td>REMOVE AND REPLACE CURB AND GUTTER 24&quot; TYPE A</td>
<td>LF</td>
<td>4,018</td>
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<tr>
<td>REMOVE AND REPLACE CURB AND GUTTER 24&quot; TYPE B</td>
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<tr>
<td>TYPE C LANDSCAPING CURB</td>
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<tr>
<td>REMOVE AND REPLACE SIDEWALK</td>
<td>SQ FT</td>
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<td>SIDEWALK CHASE</td>
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<tr>
<td>REMOVE AND REPLACE COMMERCIAL DRIVE 8&quot;</td>
<td>SQ FT</td>
<td>687</td>
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<tr>
<td>REMOVE AND REPLACE RESIDENTIAL DRIVE 6&quot;</td>
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<tr>
<td>REMOVE AND REPLACE CONCRETE FILLET 8&quot;</td>
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<tr>
<td>REMOVE AND REPLACE VALLEY PAN 8&quot;</td>
<td>SQ FT</td>
<td>7,650</td>
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<td>REMOVE AND REPLACE TYPE &quot;A&quot; INLET</td>
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<tr>
<td>THERMOPLASTIC CROSS WALK BARS, 18&quot;x9&quot; -WHITE PREMARK ITEM #8431067</td>
<td>#/SQ FT</td>
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<tr>
<td>THERMOPLASTIC 2' STOP BARS, PREMARK ITEM #8430566</td>
<td>SQ FT</td>
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<td>THERMOPLASTIC BICYCLE RIDER PREMARK ITEM #84602006</td>
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<td>40</td>
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<td>THERMOPLASTIC &quot;SCHOOL&quot; MARKER, PREMARK ITEM #8120100</td>
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<td>2</td>
</tr>
<tr>
<td>ADJUST MANHOLES</td>
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<tr>
<td>ADJUST WATER VALVES</td>
<td>EACH</td>
<td>51</td>
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<tr>
<td>INSTALL NEW ADA DETECTABLE WARNING PLATES (2’X2’)</td>
<td>EACH</td>
<td>144</td>
</tr>
<tr>
<td>TOTAL LENGTH</td>
<td>FEET/MILES</td>
<td>6,635.63/1.26</td>
</tr>
<tr>
<td>TOTAL AREA OF PAVEMENT</td>
<td>SQ FT/SQ YD</td>
<td>299,670/33,300</td>
</tr>
</tbody>
</table>
TOTAL LENGTH: 6635.6' OR 1.26 MILES
TOTAL AREA:
SQ FT 299670
SQ YD 33300

PAVEMENT REHABILITATION TYPE: MILL & OVERLAY

Any use, reuse, or CADD adaptation of this drawing other than for the specific purpose intended, by anyone, without written authorization from the engineer, will be at the Client's risk and full legal responsibility.

INBERG-MILLER ENGINEERS
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EAST 12TH ST. & MEADOW DR.
MILL AND OVERLAY PLANS
KEY MAP & QUANTITIES
C1.1
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