



Purchasing Division

## ADDENDUM NO. 1

**DATE:** April 1, 2020  
**FROM:** City of Grand Junction Purchasing Division  
**TO:** All Offerors  
**RE:** 2020 Contract Street Maintenance – Asphalt Overlays

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

1. Q. Since the City will not be having a pre-bid meeting on this project, can the Owner/Engineer please provide the following information pertaining to the bid schedule:
  1. Milling description per street location  
A. See attached
  2. Manholes and water valves per street locations  
A. See attached
  3. Class 6 shoulder material per street location  
A. See attached
  4. Street Location(s) for the Bid Alt 1  
A. See attached
  5. Temporary disposal location of the millings while the new yard is to be constructed  
A. The contractor will be required to obtain and maintain a storm water permit during construction. The millings may be stored at the yard during construction in accordance with the SWMP and applicable stockpile storm water protection measures.
  
2. Q. Regarding the drawing that was supplied by River City for the proposed Storage and Transfer buildout. Can the City please provide a drawing with existing contour elevations vs proposed.
  - A. This will be addressed in Addendum 2.
  
3. Q. 3.3.8 working days and hours states all work in the listed areas is night time. Does this include the concrete work or is it just the asphalt work?
  - A. The concrete replacements may occur at anytime and are exempt from the night time restrictions. Please keep in mind that the driveway replacements will need to be coordinated with business owners, and may require phasing (or other methods) to allow for traffic in and out of these businesses.

4. See attached Project Submittal Form and Streets Project Locations.

5. Q. Item 12 401 Aggregate Base Course (Asphalt Millings – 6” Thick Complete in place) – is the City wanting the contractor to utilize the millings generated from the project to complete this work or is the City wanting the contractor to supply processed millings for this section of work?

A. The City is anticipating utilizing the millings generated from the project to complete this work. The City also has an existing stockpile of asphalt millings that could be utilized if there is a schedule conflict.

6. Q. Item 32 627-00002 Thermo plastic Marking is showing 0 SF. Is this correct or was it an oversight?

A. The 0 SF is correct, please see the updated bid schedule.

7. Q. Item INC Incentive HMA 76-28 is shown as blank. Do we omit this on our bid sheet?

A. Please omit and utilize the updated bid schedule.

8. Q. In reviewing the plans for the new storage yard it would appear that there are Flared end section at the end of the pipe. There is no bid item for the FES is this incidental or will the City provide a bid item for the FES?

A. An updated bid schedule has been provided with this new bid item. Contractors shall utilize the attached Addendum 1 Price Bid Schedule when submitting their bid response.

9. Q. Clarification on SP-10 – Construction Zone Traffic Control

The way it is written does not allow for closure to thru traffic on residential and local streets. Will the contractor be allowed to close these streets to through traffic during construction activities? Otherwise the Flagging hours will overrun significantly.

A. The City will allow for residential streets to be closed to through traffic. However, these streets will still be required to remain open to local traffic. The residences will also need to be informed of this prior to paving/milling operations.

10. Q. The Streets listed for night work only is that for the milling and overlay ONLY or does that include the concrete work as well?

A. See Answer #3.

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.

Respectfully,



Duane Hoff Jr., Senior Buyer  
City of Grand Junction, Colorado

# Bid Schedule: 2020 Contract Street Maintenance - Asphalt Overlays

## Addendum #1

**CONTRACTOR:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
1	108	12" Storm Pipe (RCP CL3)	33.	LF	\$ _____	\$ _____
2	108.5	Storm Sewer Flared End Section (12" I.D.)	2.	EA	\$ _____	\$ _____
3	201	Clear and Grub (1,428SY @ Entrance)	1.	LS	\$ _____	\$ _____
4	202	Asphalt Removal (Planing)(Thickness Varies)	142,853.	SY	\$ _____	\$ _____
5	202	Removal of Type 3 Guardrail	959.	LF	\$ _____	\$ _____
6	203	Excavation and Embankment (Berm Placement - See SP-2)(Import)	4,000.	CY	\$ _____	\$ _____
7	208	Erosion Control	15.	Days	\$ _____	\$ _____
8	209	Dust Abatement	15.	Days	\$ _____	\$ _____
9	210	Adjust Valve Box (Price to Include adjustment of Survey Monuments)	287.	EA	\$ _____	\$ _____
10	210	Adjust Manhole Ring and Cover (Sanitary and Storm Sewer)	184.	EA	\$ _____	\$ _____
11	304	Aggregate Base Course (Class 6) - Shoulder Edging Gravel	2,170.	Tons	\$ _____	\$ _____
12	304	Subgrade Stabilization (Class 3 Aggregate Base Course - 24" Thick)(Complete in Place)	100.	Tons	\$ _____	\$ _____
13	401	Aggregate Base Course (Asphalt Millings - 6" Thick - Complete In Place)	2,930.	Tons	\$ _____	\$ _____
14	401	Hot Mix Asphalt (2" thick) (Grading SX, Binder Grade 64-22)	23,807.	Tons	\$ _____	\$ _____
15	401	Hot Mix Asphalt (Patching - Up to 5" thick) (To Include 6" of Class 6 Aggregate Base Course)(Grading SX, Binder Grade 64-22)	70.	Tons	\$ _____	\$ _____
16	506	Rip Rap (24 Inch) (D50)	20.	CY	\$ _____	\$ _____
17	604	Outlet Structure	2.	EA	\$ _____	\$ _____
18	607	Fence Split Cedar	175.	LF	\$ _____	\$ _____
19	607	Gate (20' Steel Twin)	1.	EA	\$ _____	\$ _____
20	608/304	Concrete Drainage Pan (5' Wide) To Include 6" of Class 6 Aggregate Base Course	690.	LF	\$ _____	\$ _____
21	608/304	Concrete Drainage Pan (10' Wide) To Include 6" of Class 6 Aggregate Base Course	10.	LF	\$ _____	\$ _____
22	608/304	Monolithic Curb Gutter and Sidewalk (vertical or rolled type) to Include 6" of Class 6 Aggregate Base Course	22.	SY	\$ _____	\$ _____

# Bid Schedule: 2020 Contract Street Maintenance - Asphalt Overlays

## Addendum #1

**CONTRACTOR:** \_\_\_\_\_

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
23	608/304	Concrete Curb and Gutter (2.5' Wide) To Include 6" of Class 6 Aggregate Base Course	70.	LF	\$ _____	\$ _____
24	608/304	Concrete Curb and Gutter (2' Wide) To Include 6" of Class 6 Aggregate Base Course	180.	LF	\$ _____	\$ _____
25	608/304	Concrete Curb Ramp to include 6" of Class 6 Aggregate Base Course	40.	SY	\$ _____	\$ _____
26	608	Detectable Warning (Wet Set)(Cast Iron)(2'x4')	16.	SF	\$ _____	\$ _____
27	608/304	Concrete Driveway Section (8"Thick) to Include 6" of Class 6 Aggregate Base Course	60.	SY	\$ _____	\$ _____
28	606	Guardrail Type 3 (6-3 Post Spacing)	959.	LF	\$ _____	\$ _____
29	614	End Anchorage (Nonflared)	4.	EA	\$ _____	\$ _____
30	620	Sanitary Facility		Lump Sum	---	\$ _____
31	625	Construction Surveying		Lump Sum	---	\$ _____
32	626	Mobilization		Lump Sum	---	\$ _____
33	627- 30405	Preformed Thermoplastic Pavement Marking (Word/Symbol)	460.	SF	\$ _____	\$ _____
34	627- 30410	Preformed Plastic Pavement Marking (X-Walk/Stopline)	435.	SF	\$ _____	\$ _____
35	630	Traffic Control (Complete In Place)		Lump Sum	---	\$ _____
36	630	Flagging	2,410.	HR	\$ _____	\$ _____
197	BID ALT 1	Hot Mix Asphalt (Grading SX, Binder Grade 64-22) (with Fiber)	11,464.	Tons	\$ _____	\$ _____
INC		Incentive HMA 64-22	---	---	---	\$ 75,000.00
MCR		Minor Contract Revisions	---	---	---	\$ 150,000.00

**Bid Amount:** \$ \_\_\_\_\_

**Bid Amount:** \_\_\_\_\_

dollars

# PROJECT SUBMITTAL FORM

PROJECT: **2020 Asphalt Overlays**

CONTRACTOR:

PROJECT ENGINEER: Eric Mocko

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Description	Date Received	Resubmittal Requested	Resubmittal Received	Date Accepted
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## STREET CONSTRUCTION

Asphalt mix designs				
Base course gradation, Proctor curve				
Concrete Mix Designs				
Guard Rail/End Treatments				

## EROSION CONTROL / STORMWATER MANAGEMENT

Inlet Protection				
Concrete Washout				

## PERMITS, PLANS, OTHER

Traffic Control Plan				
CDOT Special Use Permit				

## 2020 ASPHALT OVERLAY PROJECT

### 2020 Selected Streets for Overlay

Group	Street	From	To
27 Road Area	27 Rd	B Rd	B 1/4 Rd.
	B Rd.	27 Rd.	Clymer Rd.
Legends Way Area	Legends Way	Patterson Rd.	Grand Falls Dr.
	Grand Falls Dr.	Grand Cascade Way	Norma Jean St.
	28 1/2 Rd.	Grand Falls Dr.	EOP
	N. Grandeur Ct	28 1/2 Rd.	EOP
	Mariposa Dr.	W. Ridges Blvd.	Monument Rd.
	Horizon Dr	26 1/2 Rd	12th St
Colex Dr Area	Colex Dr.	G Rd.	Scarlet St.
	Scarlet St.	Colex Dr.	HWY 6&50
	Scarlet St	Colex Dr	Sanford Dr.
	Sanford Dr	EOP	HWY 6&50
Interstate Ave. Area	Arrowest Rd	G Rd	N. EOP
	Arrowest Ct	Arrowest Rd	N. EOP
	Logos Ct	23 Rd	W. EOP
	Grand Park Dr	23 Rd	E. EOP
	23 1/10 Rd	Grand Park Dr	S. EOP
	23 2/10 Rd	Grand Park Dr	G Rd
	Interstate Ave	23 Rd	E. EOP
	23 1/4 Rd	Interstate Ave.	Logos Dr
	Logos Dr	23 Rd	E. EOP

	23 Rd	G Rd	I-70
	G Rd	Hwy 6&50	23 Rd
<b>22 Road Area</b>	Connector Rd	Valley Ct	22 Rd
	Valley Ct	Hwy 6&50	N. EOP
<b>Centauri Drive Area</b>	Beta Pl	Centauri Dr	Galaxy Dr
	Alpha Pl	Centauri Dr	Galaxy Dr
	Centauri Dr	G Rd	N. EOP
	Galaxy Ct	G Rd	N. EOP
	Galaxy Dr	Galaxy Ct	Beta Pl
	G 3/8 Rd	26 1/2 Rd	Flower St
	Flower St	G 3/8	Tulip Dr
	Tulip Dr	G 1/2	Flower St
	G 1/2 Rd	26 1/2 Rd	Flower St
	Chestnut Ct	26 1/2 Rd	E. EOP
<b>Foresight Circle Area</b>	E. Foresight Cir	Blichmann Ave	Hollingsworth St
	Hollingsworth St	Blichmann Ave	Eisenhauer St
	Fracture Ln	Eisenhauer St	25 1/2 Rd
	Market St	F 1/2 Rd	Patterson Rd
<b>Summer Hill Area</b>	Summer Hill Way	26 1/2 Rd	Spring Crossing
	Summer Bend Ct	Summer Hill Way	S. EOP
	Summer Sage Ct	Summer Hill Way	S. EOP
	Summer Valley Cir	Summer Hill Way	Summer Hill Way
	Summer Crest Ct	Summer Hill Way	N. EOP
	Summer Breeze Ct	Summer Hill Way	N. EOP

LOCATION: 27 Road Area

AREA: 2,836' X Varies

8,228 SY

MAT THICKNESS:

2" Overlay

<u>Quantity Information</u>			<u>Plan</u>		<u>Field</u>
1	202	Asphalt Removal (Planing)(Thickness Varies)	2,181.	SY	SY
6	210	Adjust Valve Box (Price to Include adjustment of Survey Monuments)	6.	EA	EA
7	210	Adjust Manhole Ring and Cover (Sanitary and Storm Sewer)	11.	EA	EA
9	304	Aggregate Base Course (Class 6) - Shoulder Edging Gravel	342.	Tons	Tons
10	304	Subgrade Stabilization (Class 3 Aggregate Base Course - 24" Thick)(Complete in Place)		Tons	Tons
11	401	Hot Mix Asphalt (2" thick) (Grading SX, Binder Grade 64-22)	915.	Tons	Tons
32	630	Flagging	11.	HR	HR

**COMMENTS:**

- 1) Full Width Mill (FWM) from start of curb and gutter south of B Rd to 150'S
- 2) FWM from mailboxes @ 2738 B Rd to 150'W
- 3) 12' Edge Mill at Curb and Gutter, V-Pans, Paved Driveways, Street Intersections



LOCATION: Legends Way Area

AREA: 2,555' X Varies

9,000 SY

MAT THICKNESS:

2" Overlay

<u>Quantity Information</u>			<u>Plan</u>		<u>Field</u>
1	202	Asphalt Removal (Planing)(Thickness Varies)	9,000.	SY	SY
6	210	Adjust Valve Box (Price to Include adjustment of Survey Monuments)	16.	EA	EA
7	210	Adjust Manhole Ring and Cover (Sanitary and Storm Sewer)	18.	EA	EA
9	304	Aggregate Base Course (Class 6) - Shoulder Edging Gravel		Tons	Tons
10	304	Subgrade Stabilization (Class 3 Aggregate Base Course - 24" Thick)(Complete in Place)		Tons	Tons
11	401	Hot Mix Asphalt (2" thick) (Grading SX, Binder Grade 64-22)	1,000.	Tons	Tons
17	608/304	Monolithic Curb Gutter and Sidewalk (vertical or rolled type) to Include 6" of Class 6 Aggregate Base Course	22.	SY	SY
20	608/304	Concrete Curb Ramp to include 6" of Class 6 Aggregate Base Course	40.	SY	SY
21	608	Detectable Warning (Wet Set)(Cast Iron)(2'x4')	16.	SF	SF
32	630	Flagging	2,181.	SY	SY

**COMMENTS:**

- 1) FWM All Streets

LOCATION: Mariposa Drive

W. Ridges Blvd. to Monument Rd.

AREA: 3,422 X Varies

12,437 SY

MAT THICKNESS:

2" Overlay

<u>Quantity Information</u>			<u>Plan</u>		<u>Field</u>	
1	202	Asphalt Removal (Planing)(Thickness Varies)	9,000.	SY		SY
6	210	Adjust Valve Box (Price to Include adjustment of Survey Monuments)	16.	EA		EA
7	210	Adjust Manhole Ring and Cover (Sanitary and Storm Sewer)	18.	EA		EA
9	304	Aggregate Base Course (Class 6) - Shoulder Edging Gravel		Tons		Tons
10	304	Subgrade Stabilization (Class 3 Aggregate Base Course - 24" Thick)(Complete in Place)		Tons		Tons
11	401	Hot Mix Asphalt (2" thick) (Grading SX, Binder Grade 64-22)	1,390.	Tons		Tons
23	606	Guardrail Type 3 (6-3 Post Spacing)	959.	LF		LF
24	614	End Anchorage (Nonflared)	4.	EA		EA
32	630	Flagging	150.	HR		HR

**COMMENTS:**

- 1) FWM from Monument Rd to approximately 2,000LF N
- 2) FWM from W. Ridges Blvd to 150'E
- 3) 12' Edge Mill at Curb and Gutter, Drainage Pans, Paved Driveways, Street Intersections

LOCATION: Horizon Drive  
 AREA: 3,385' X Varies  
 MAT THICKNESS:

26 1/2 Road to 12<sup>th</sup> Street  
 15,781 SY  
 2" Overlay

<u>Quantity Information</u>			<u>Plan</u>		<u>Field</u>
1	202	Asphalt Removal (Planing)(Thickness Varies)	4,000.	SY	SY
6	210	Adjust Valve Box (Price to Include adjustment of Survey Monuments)	2.	EA	EA
7	210	Adjust Manhole Ring and Cover (Sanitary and Storm Sewer)	2.	EA	EA
9	304	Aggregate Base Course (Class 6) - Shoulder Edging Gravel	358.	Tons	Tons
10	304	Subgrade Stabilization (Class 3 Aggregate Base Course - 24" Thick)(Complete in Place)		Tons	Tons
11	401	Hot Mix Asphalt (2" thick) (Grading SX, Binder Grade 64-22)	1,760.	Tons	Tons
29	627-30405	Preformed Thermoplastic Pavement Marking (Word/Symbol)	167.	SF	SF
30	627-30410	Preformed Plastic Pavement Marking (X-Walk/Stopline)	179.	SF	SF
32	630	Flagging	120.	HR	HR

**COMMENTS:**

- 1) FWM from 26 1/2 Rd to 150'N
- 2) FWM from Concrete at 12<sup>th</sup> St. Roundabout to 150'W
- 3) 12' Edge Mill at Curb and Gutter, Drainage Pans, Paved Driveways, Street Intersections

LOCATION: Colex Drive Area

AREA: 6,451' X Varies

29,195 SY

MAT THICKNESS:

2" Overlay

<u>Quantity Information</u>			<u>Plan</u>		<u>Field</u>
1	202	Asphalt Removal (Planing)(Thickness Varies)	19,745.	SY	SY
6	210	Adjust Valve Box (Price to Include adjustment of Survey Monuments)	67.	EA	EA
7	210	Adjust Manhole Ring and Cover (Sanitary and Storm Sewer)	24.	EA	EA
9	304	Aggregate Base Course (Class 6) - Shoulder Edging Gravel		Tons	Tons
10	304	Subgrade Stabilization (Class 3 Aggregate Base Course - 24" Thick)(Complete in Place)		Tons	Tons
11	401	Hot Mix Asphalt (2" thick) (Grading SX, Binder Grade 64-22)	3,250.	Tons	Tons
13	401	Hot Mix Asphalt (Patching - Up to 5" thick) (To Include 6" of Class 6 Aggregate Base Course)(Grading SX, Binder Grade 64-22)	20.	Tons	Tons
15	608/304	Concrete Drainage Pan (5' Wide) To Include 6" of Class 6 Aggregate Base Course	190.	LF	LF
16	608/304	Concrete Drainage Pan (10' Wide) To Include 6" of Class 6 Aggregate Base Course	10.	LF	LF
32	630	Flagging	360.	HR	HR
197	BID ALT 1	Hot Mix Asphalt (Grading SX, Binder Grade 64-22) (with Fiber)	3,250.	Tons	Tons

**COMMENTS:**

- 1) FWM from N. EOP on Sanford to 150'W
- 2) FWM from X-pan @ 2214 Sanford to 150'E
- 3) FWM from X-pan @ 2214 Sanford to 150'W
- 4) FWM from X-pan on Sanford @ HWY 6&50 to 150'N
- 5) FWM on Scarlett from N. Edge of Pavement @ HWY 6&50 to 150'N
- 6) FWM on Scarlett from X-pan @ Sanford to 150'S
- 7) FWM on Colex from X-pan @ Scarlett to 150'E
- 8) FWM on Sanford from N. Edge of Pavement @ HWY 6&50 to 150'N
- 9) 12' Edge Mill at Curb and Gutter, Drainage Pans, Paved Driveways, Street Intersections

LOCATION: Interstate Area

AREA: 10,562 X Varies

41,912 SY

MAT THICKNESS:

2" Overlay

<u>Quantity Information</u>			<u>Plan</u>		<u>Field</u>
1	202	Asphalt Removal (Planing)(Thickness Varies)	3,106.	SY	SY
6	210	Adjust Valve Box (Price to Include adjustment of Survey Monuments)	64.	EA	EA
7	210	Adjust Manhole Ring and Cover (Sanitary and Storm Sewer)	35.	EA	EA
9	304	Aggregate Base Course (Class 6) - Shoulder Edging Gravel	140.	Tons	Tons
10	304	Subgrade Stabilization (Class 3 Aggregate Base Course - 24" Thick)(Complete in Place)		Tons	Tons
11	401	Hot Mix Asphalt (2" thick) (Grading SX, Binder Grade 64-22)	4,657.	Tons	Tons
13	401	Hot Mix Asphalt (Patching - Up to 5" thick) (To Include 6" of Class 6 Aggregate Base Course)(Grading SX, Binder Grade 64-22)	50.	Tons	Tons
15	608/304	Concrete Drainage Pan (5' Wide) To Include 6" of Class 6 Aggregate Base Course	290.	LF	LF
18	608/304	Concrete Curb and Gutter (2.5' Wide) To Include 6" of Class 6 Aggregate Base Course	70.	LF	LF
19	608/304	Concrete Curb and Gutter (2' Wide) To Include 6" of Class 6 Aggregate Base Course	180.	LF	LF
32	630	Flagging	450.	HR	HR
197	BID ALT 1	Hot Mix Asphalt (Grading SX, Binder Grade 64-22) (with Fiber)	4,657.	Tons	Tons

**COMMENTS:**

- 1) FWM on Arrowest Rd from G Rd to 150'N
- 2) FWM on Arrowest Ct from S. X-pan to 150'N
- 3) FWM on Grand Park from 23 Rd to 150'E
- 4) FWM on Grand Park from mid-block X-pan to 150'W
- 5) FWM on Grand Park from mid-block X-pan to 150'E
- 6) FWM on Grand Park from E. EOP to 150'W
- 7) FWM on 23 2/10 Rd from X-pan @ Grand Park to G Rd
- 8) FWM on Logos Ct from 23 Rd to 150'W
- 9) FWM on Logos Ct the W. cul-de-sac S. of V-pan
- 10) FWM on Logos Dr from 23 Rd to 150'E
- 11) FWM on Logos Dr from V-pan @ 23 1/4 Rd to E. EOP
- 12) FWM on Logos Dr from V-pan @ 23 1/4 Rd to 150'W
- 13) FWM on 23 1/4 Rd from butt joint @ Logos Dr to 150'N
- 14) FWM on Interstate from 23 Rd to 150'E
- 15) FWM N. Stub Street @ 2332 Interstate
- 16) 12' Edge Mill at Curb and Gutter, Drainage Pans, Paved Driveways, Street Intersections

LOCATION: 23 Road

G Road to I-70 Bridge

AREA: 2,593' X Varies

7,540 SY

MAT THICKNESS:

2" Overlay

<u>Quantity Information</u>			<u>Plan</u>		<u>Field</u>
1	202	Asphalt Removal (Planing)(Thickness Varies)	2,472.	SY	SY
6	210	Adjust Valve Box (Price to Include adjustment of Survey Monuments)	5.	EA	EA
7	210	Adjust Manhole Ring and Cover (Sanitary and Storm Sewer)	4.	EA	EA
9	304	Aggregate Base Course (Class 6) - Shoulder Edging Gravel	309.	Tons	Tons
10	304	Subgrade Stabilization (Class 3 Aggregate Base Course - 24" Thick)(Complete in Place)		Tons	Tons
11	401	Hot Mix Asphalt (2" thick) (Grading SX, Binder Grade 64-22)	840.	Tons	Tons
32	630	Flagging	110.	HR	HR

**COMMENTS:**

- 1) FWM from Roundabout concrete at G Rd to 250'N
- 2) FWM from approach slab @ I-70 Bridge to 150'S
- 3) 12' Edge Mill at Curb and Gutter, Drainage Pans, Paved Driveways, Street Intersections

LOCATION: G Road HWY 6&50 to 23 Road  
 AREA: 2,756' X Varies 8,240 SY  
 MAT THICKNESS: 2" Overlay

<u>Quantity Information</u>			<u>Plan</u>		<u>Field</u>
1	202	Asphalt Removal (Planing)(Thickness Varies)	1,747.	SY	SY
6	210	Adjust Valve Box (Price to Include adjustment of Survey Monuments)	5.	EA	EA
7	210	Adjust Manhole Ring and Cover (Sanitary and Storm Sewer)		EA	EA
9	304	Aggregate Base Course (Class 6) - Shoulder Edging Gravel	359.	Tons	Tons
10	304	Subgrade Stabilization (Class 3 Aggregate Base Course - 24" Thick)(Complete in Place)		Tons	Tons
11	401	Hot Mix Asphalt (2" thick) (Grading SX, Binder Grade 64-22)	920.	Tons	Tons
32	630	Flagging	110.	HR	HR

**COMMENTS:**

- 1) FWM from concrete @ 23 Rd Roudabout to 150'W
- 2) FWM from HWY 6&50 to 150'E
- 3) 12' Edge Mill at Curb and Gutter, Drainage Pans, Paved Driveways, Street Intersections

LOCATION: 22 Road Area

AREA: 2,413' X 36'

11,562 SY

MAT THICKNESS:

2" Overlay

<u>Quantity Information</u>			<u>Plan</u>		<u>Field</u>
1	202	Asphalt Removal (Planing)(Thickness Varies)	11,562.	SY	SY
6	210	Adjust Valve Box (Price to Include adjustment of Survey Monuments)	23.	EA	EA
7	210	Adjust Manhole Ring and Cover (Sanitary and Storm Sewer)	9.	EA	EA
9	304	Aggregate Base Course (Class 6) - Shoulder Edging Gravel		Tons	Tons
10	304	Subgrade Stabilization (Class 3 Aggregate Base Course - 24" Thick)(Complete in Place)		Tons	Tons
11	401	Hot Mix Asphalt (2" thick) (Grading SX, Binder Grade 64-22)	1,285.	Tons	Tons
15	608/304	Concrete Drainage Pan (5' Wide) To Include 6" of Class 6 Aggregate Base Course	210.	LF	LF
29	627-30405	Preformed Thermoplastic Pavement Marking (Word/Symbol)	31.	SF	SF
30	627-30410	Preformed Plastic Pavement Marking (X-Walk/Stopline)	18.	SF	SF
32	630	Flagging	150.	HR	HR
197	BID ALT 1	Hot Mix Asphalt (Grading SX, Binder Grade 64-22) (with Fiber)	1,285.	Tons	Tons

**COMMENTS:**

- 1) FWM Connector and Valley



17)

LOCATION: Centauri Drive Area

AREA: 7,812' X Varies

23,905 SY

MAT THICKNESS:

2" Overlay

<u>Quantity Information</u>			<u>Plan</u>		<u>Field</u>
1	202	Asphalt Removal (Planing)(Thickness Varies)	16,318.	SY	SY
6	210	Adjust Valve Box (Price to Include adjustment of Survey Monuments)	22.	EA	EA
7	210	Adjust Manhole Ring and Cover (Sanitary and Storm Sewer)	21.	EA	EA
9	304	Aggregate Base Course (Class 6) - Shoulder Edging Gravel	497.	Tons	Tons
10	304	Subgrade Stabilization (Class 3 Aggregate Base Course - 24" Thick)(Complete in Place)		Tons	Tons
11	401	Hot Mix Asphalt (2" thick) (Grading SX, Binder Grade 64-22)	2,663.	Tons	Tons
32	630	Flagging	270.	HR	HR

**COMMENTS:**

- 1) FWM Galaxy Ct – N. of Beta Pl, Beta Pl, Centauri Ct – N. of Beta Pl, Chestnut Ct, G 3/8, Flower St from G 3/8 to G 1/2
- 2) FWM on G 1/2 Rd from 26 1/2 Rd to 150'E
- 3) FWM on G 1/2 Rd from X-pan E of Flower St to 150'W
- 4) FWM on Flower St from G 1/2 Rd to 150'N
- 5) FWM on Galaxy Dr from G Rd to 150'N
- 6) FWM on Galaxy Dr from X-pan @ Beta to 150'S
- 7) FWM on Centauri Dr from X-pan @ Beta to 150'S
- 8) FWM on Centauri Dr from G Rd to 150'N
- 9) 12' Edge Mill at Curb and Gutter, Drainage Pans, Paved Driveways, Street Intersections

LOCATION: Foresight Circle Area

AREA: 3,976' X Varies

20,445 SY

MAT THICKNESS:

2" Overlay

		<u>Quantity Information</u>	<u>Plan</u>		<u>Field</u>
1	202	Asphalt Removal (Planing)(Thickness Varies)	13,031.	SY	SY
6	210	Adjust Valve Box (Price to Include adjustment of Survey Monuments)	30.	EA	EA
7	210	Adjust Manhole Ring and Cover (Sanitary and Storm Sewer)	20.	EA	EA
9	304	Aggregate Base Course (Class 6) - Shoulder Edging Gravel		Tons	Tons
10	304	Subgrade Stabilization (Class 3 Aggregate Base Course - 24" Thick)(Complete in Place)		Tons	Tons
11	401	Hot Mix Asphalt (2" thick) (Grading SX, Binder Grade 64-22)	2,272.	Tons	Tons
22	608/304	Concrete Driveway Section (8"Thick) to Include 6" of Class 6 Aggregate Base Course	60.	SY	SY
32	630	Flagging	150.	HR	HR
197	BID ALT 1	Hot Mix Asphalt (Grading SX, Binder Grade 64-22) (with Fiber)	2,272.	Tons	Tons

**COMMENTS:**

- 1) FWM on Foresight Cir. from Blichmann to 150'S
- 2) FWM on Foresight Cir from 17'SW of Concrete Driveway @2510 to 150'NE
- 3) FWM on Foresight Cir from 50'S of driveway @610 to 150'NE
- 4) FWM on Hollingsworth from Blichmann Ave to 150'S
- 5) FWM on Hollingsworth from 50'SE of driveway @611 Hollingsworth to E. Foresight Cir
- 6) FWM Fracture Ln
- 7) 12' Edge Mill at Curb and Gutter, Drainage Pans, Paved Driveways, Street Intersections

LOCATION: Market St  
 AREA: 1,691' X Varies  
 MAT THICKNESS:

Patterson Road to F 1/2 Road  
 7,965 SY  
 2" Overlay

		<u>Quantity Information</u>	<u>Plan</u>		<u>Field</u>
1	202	Asphalt Removal (Planing)(Thickness Varies)	5,566.	SY	SY
6	210	Adjust Valve Box (Price to Include adjustment of Survey Monuments)	19.	EA	EA
7	210	Adjust Manhole Ring and Cover (Sanitary and Storm Sewer)	6.	EA	EA
9	304	Aggregate Base Course (Class 6) - Shoulder Edging Gravel		Tons	Tons
10	304	Subgrade Stabilization (Class 3 Aggregate Base Course - 24" Thick)(Complete in Place)		Tons	Tons
11	401	Hot Mix Asphalt (2" thick) (Grading SX, Binder Grade 64-22)	885.	Tons	Tons
29	627-30405	Preformed Thermoplastic Pavement Marking (Word/Symbol)	217.	SF	SF
30	627-30410	Preformed Plastic Pavement Marking (X-Walk/Stopline)	198.	SF	SF
32	630	Flagging	90.	HR	HR

**COMMENTS:**

- 1) FWM from Patterson Rd to 150'N
- 2) FWM from F 1/2 Rd to 150'S
- 3) 12' Edge Mill at Curb and Gutter, Drainage Pans, Paved Driveways, Street Intersections

LOCATION: Summer Hill Area

AREA: 5,056' X Varies

17,686 SY

MAT THICKNESS:

2" Overlay

<u>Quantity Information</u>			<u>Plan</u>		<u>Field</u>	
1	202	Asphalt Removal (Planing)(Thickness Varies)	17,686.	SY		SY
6	210	Adjust Valve Box (Price to Include adjustment of Survey Monuments)	16.	EA		EA
7	210	Adjust Manhole Ring and Cover (Sanitary and Storm Sewer)	28.	EA		EA
9	304	Aggregate Base Course (Class 6) - Shoulder Edging Gravel		Tons		Tons
10	304	Subgrade Stabilization (Class 3 Aggregate Base Course - 24" Thick)(Complete in Place)		Tons		Tons
11	401	Hot Mix Asphalt (2" thick) (Grading SX, Binder Grade 64-22)	1,970.	Tons		Tons
32	630	Flagging	120.	HR		HR

**COMMENTS:**

- 1) FWM All Streets

**2020 City of Grand Junction Overlays**

**Tabulation of Pavement Marking**

<b>Location</b>	<b>(627-00002) Thermoplastic Pavement Marking</b>	<b>(627-30405) Preformed Thermoplastic Pavement Marking (Word/Symbol)</b>	<b>(627-30410) Preformed Thermoplastic Pavement Marking (X- Walk/Stopline)</b>
<b>Horizon Dr</b>			
72 LF - 24 inch CROSSWALK (125 mil)			144
35 feet - 12 inch STOP BAR (125 mil)			35
2 EA - COMBO STRAIGHT LEFT ARROW (125 mil)		56	
2 EA - LEFT ARROW (12ft Elongated)(90 mil)		31	
10 EA - BIKE SYMBOL (6ft x 3'4") (Facing Left)(90 mil)		80	
<b>Total</b>	<b>0</b>	<b>167</b>	<b>179</b>
<b>22 Road</b>			
18 feet - 12 inch STOP BAR (125 mil)			18
2 EA - RIGHT ARROW (12ft Elongated)(90 mil)		31	
<b>Total</b>	<b>0</b>	<b>31</b>	<b>18</b>
<b>Market Street</b>			
99 LF - 24 inch CROSSWALK (125 mil)			198
14 EA - RIGHT ARROW (12ft Elongated)(90 mil)		217	
<b>Total</b>	<b>0</b>	<b>217</b>	<b>198</b>
<b>Total (SF)</b>	<b>0</b>	<b>415</b>	<b>395</b>
<b>Contingency</b>	<b>0</b>	<b>45</b>	<b>40</b>
<b>Project Total (SF)</b>	<b>0</b>	<b>460</b>	<b>435</b>

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