

**RESOLUTION NO. R17-64**

**A RESOLUTION OF THE CITY COUNCIL APPROVING A CHANGE ORDER NO. 1 TO THE CITY'S CONTRACT WITH CMG CONSTRUCTION, LLC CHANGING THE ORIGINAL STRIPING TO EPOXY AND ADDING ADDITIONAL STRIPING TO CERTAIN STREETS WITHIN OR NEAR THE PROJECT AREA.**

WHEREAS, the City Council previously approved a construction contract with CMG Construction, LLC through Resolution R17-21 for planned improvements to SE 4<sup>th</sup> Street and Washington Avenue; and

WHEREAS, City Staff requested changes to the project including a change in the original street striping to epoxy and adding additional striping to the streets listed on the attached Change Order No. 1; and

WHEREAS, the requested changes detailed in the Change Order No. 1 will result in an increase in the contract price and contract term as detailed in the attached Change Order No. 1; and

WHEREAS, the City's engineering firm, Great West Engineering, Inc. and City Staff reviewed the attached Change Order No. 1 and recommend the City Council's approval of the Change Order No. 1 with an increased contract price from \$260,181.00 to \$328,096.56, constituting an increase of \$67,915.56.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Laurel, Montana, the City Council hereby approves the attached Change Order No. 1 and authorizes the Mayor and/or Chief Administrative Officer to execute it on the City's behalf.

Introduced at a regular meeting of the City Council on October 17, 2017, by Council Member Herr \_\_\_\_\_.

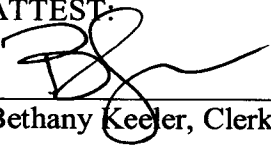
PASSED and APPROVED by the City Council of the City of Laurel this 17<sup>th</sup> day of October, 2017.

APPROVED by the Mayor this 17<sup>th</sup> day of October, 2017.

CITY OF LAUREL

  
\_\_\_\_\_  
Mark A. Mace, Mayor

ATTEST:

  
\_\_\_\_\_  
Bethany Keeler, Clerk/Treasurer

Approved as to form:

  
\_\_\_\_\_  
Sam S. Painter, Civil City Attorney

Date of Issuance:	Effective Date:	October 10, 2017
Owner: City of Laurel	Owner's Contract No.:	
Contractor: CMG Construction, LLC	Contractor's Project No.:	
Engineer: Great West Engineering	Engineer's Project No.:	2-14114-TO35
Project: SE 4 <sup>th</sup> St. & Washington Ave Street Improvements	Contract Name:	SE 4 <sup>th</sup> St. & Washington Ave Street Improvements

The Contract is modified as follows upon execution of this Change Order:

Description: Per direction from City, all original striping to be paint shall be changed to epoxy. Additional striping along SE 4<sup>th</sup> Street to be added to this contract. Additional Striping on Montana and Colorado Streets between Main Street and 1<sup>st</sup> Street to be added.

Quantity Reconciled for actual asphalt installed along SE 4<sup>th</sup> Widening.

Attachments: *Email Correspondence, Figures for additional Striping Work*

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES <i>[note changes in Milestones if applicable]</i>
Original Contract Price: <u>\$ 260,181.00</u>	Original Contract Times: Substantial Completion: <u>30 days</u> Ready for Final Payment: <u>10 days</u> days or dates
[Increase] [Decrease] from previously approved Change Orders No. <u>  </u> to No. <u>  </u> : <u>\$ N/A</u>	[Increase] [Decrease] from previously approved Change Orders No. <u>  </u> to No. <u>  </u> : Substantial Completion: <u>N/A</u> Ready for Final Payment: <u>N/A</u> days
Contract Price prior to this Change Order: <u>\$ 260,181.00</u>	Contract Times prior to this Change Order: Substantial Completion: <u>30 days</u> Ready for Final Payment: <u>10 days</u> days or dates
Increase of this Change Order: <u>\$ 67,915.56</u>	Increase of this Change Order: Substantial Completion: <u>41 days</u> Ready for Final Payment: <u>0 days</u> days or dates
Contract Price incorporating this Change Order: <u>\$ 328,096.56</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>71 days</u> Ready for Final Payment: <u>10 days</u> days or dates

RECOMMENDED:  
By: [Signature]  
Engineer (if required)  
Title: Project Engineer  
Date: 10/5/17

ACCEPTED:  
By: [Signature]  
Owner (Authorized Signature)  
Title: Mayor  
Date: 10/17/2017

ACCEPTED:  
By: [Signature]  
Contractor (Authorized Signature)  
Title: Project Manager  
Date: 10/5/17

## Brandon Duffey

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**From:** Heidi Jensen <hjensen@laurel.mt.gov>  
**Sent:** Tuesday, October 3, 2017 9:04 AM  
**To:** Brandon Duffey; Kurt Markegard; Noel Eaton  
**Cc:** Chad Hanson; Jeremiah McGee  
**Subject:** RE: Montana & Colorado Striping

I think that is a good idea. I think we should go ahead and add it.

**From:** Brandon Duffey [mailto:bduffey@greatwesteng.com]  
**Sent:** Friday, September 29, 2017 2:17 PM  
**To:** Kurt Markegard <kmarkegard@laurel.mt.gov>; Heidi Jensen <hjensen@laurel.mt.gov>; Noel Eaton <neaton@laurel.mt.gov>  
**Cc:** Chad Hanson <chanson@greatwesteng.com>; Jeremiah McGee <jeremiahm@cmgconstruction.com>  
**Subject:** Montana & Colorado Striping

Kurt, Heidi and Noel,

Attached is an exhibit showing what is currently out on Montana and Colorado Streets (best I could tell). The total length of 4" white striping is 3,585 LF. This includes the cross hatch striping which is why it is so high. The cost that CMG sent for the parking striping in epoxy paint was \$2.25/LF. Therefore, the cost to restripe these two blocks is \$8,066.25. The two ADA symbols are approx. 5 SF each: 10 SF x \$10/SF = \$100. Total cost of project: \$1,250 mobilization + \$8,066.25 + \$100 = **\$9,416.25**

Let me know if you would like to add this work to CMG's scope.

Thanks,

Brandon Duffey, PE | Project Manager

**Great West Engineering, Inc.**  
6780 Trade Center Avenue  
Billings, MT 59101

DIRECT: 406-281-8595  
FAX: 406-248-1363  
OFFICE: 406-652-5000  
CELL: 406-450-1195

[www.greatwesteng.com](http://www.greatwesteng.com)



Chad & Brandon,

I received the final pricing on the epoxy for the parking stalls on Montana and Colorado. I tried to beat them up on their pricing but had no luck. See below for a complete summary of the epoxy costs:

Mobilization: \$1,250.00  
Yellow Curb: \$8.00/LF

4" Yellow Striping: \$2.00/LF  
4" White Striping: \$2.00/LF  
12" Yellow Striping: \$6.00/LF  
Median Arrows & Symbols: \$10.00/SF  
Crosswalk Striping: \$3.00/SF (original contract pricing and quantity)  
4" Striping for Parking Stalls: \$2.25/LF

If these prices are acceptable for the City we can proceed with a change order to add these to the contract so that they can be completed all at the same time.

Thanks,

Jeremiah McGee  
Project Manager  
CMG Construction  
6611 Trade Center Ave  
Billings, Montana 59101  
Office: 406.655.1892  
Mobile: 406.670.5091  
[jeremiahm@cmgconstruction.com](mailto:jeremiahm@cmgconstruction.com)

## **Brandon Duffey**

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**From:** Heidi Jensen <hjensen@laurel.mt.gov>  
**Sent:** Wednesday, September 13, 2017 4:32 PM  
**To:** Brandon Duffey; Kurt Markegard  
**Cc:** Noel Eaton; Chad Hanson; Jeremiah McGee  
**Subject:** RE: SE 4th Street: Additional Cost for Epoxy paint

Even with the additional cost I am still only interested in epoxy, we get too many complaints about the striping on our most visible commercial street. Let's move the process forward as quickly as we can.

Thanks

Heidi

**From:** Brandon Duffey [mailto:[bduffey@greatwesteng.com](mailto:bduffey@greatwesteng.com)]  
**Sent:** Wednesday, September 13, 2017 4:18 PM  
**To:** Heidi Jensen <hjensen@laurel.mt.gov>; Kurt Markegard <kmarkegard@laurel.mt.gov>  
**Cc:** Noel Eaton <neaton@laurel.mt.gov>; Chad Hanson <chanson@greatwesteng.com>; Jeremiah McGee <jeremiahm@cmgconstruction.com>  
**Subject:** SE 4th Street: Additional Cost for Epoxy paint

Heidi and Kurt,

This email is intended to break down the cost comparison of doing epoxy vs. paint on the current project and also to do epoxy on SE 4<sup>th</sup> street from Washington Ave to 1<sup>st</sup> Ave.

Here is the cost breakdown I received from Jeremiah at CMG:

**PAINT:**

Additional Mobilization (if necessary): \$1,500.00  
Yellow Curb Paint: \$3.00/LF  
4" Yellow Striping: \$1.00/LF  
4" White Striping: \$1.00/LF  
12" Yellow Striping: \$3.00/LF  
Median arrows & Symbols: \$3.00/SF

**EPOXY:**

Mobilization (will be necessary): \$2,500.00  
Yellow Curb: \$8.00/LF  
4" Yellow Striping: \$2.00/LF  
4" White Striping: \$2.00/LF  
12" Yellow Striping: \$6.00/LF  
Median arrows & Symbols: \$10.00/SF

**Current Project:**

Yellow curb paint: 1,055 LF @ \$5 additional cost = \$5,275  
4" Yellow Striping: 1,570 LF @ \$1 additional cost = \$1,570  
12" Yellow Striping: 140 LF @ \$3 additional cost = \$420  
Median Arrows & Symbols: 25 SF @ \$7 additional cost = \$175  
Crosswalk Striping: (already bid as white epoxy): additional cost \$0

**Total Additional Cost (current project only) = \$7,440 + additional mobilization cost**

**SE 4<sup>th</sup> from Washington Ave to 1<sup>st</sup> Ave:**

Yellow curb paint: 2,100 LF @ \$8 = \$16,800; paint: @ \$3 = \$6,300

4" Yellow Striping: 7,600 LF @ \$2 = \$15,200; paint: @ \$1 = \$7,600

4" White Striping: 1,515 LF @ \$2 = \$3,030; paint: @ \$1 = \$1,515

12" Yellow Striping: 155 LF @ \$6 = \$930; paint: @ \$3 = \$465

Median Arrows and Symbols: 300 SF @ \$10 = \$3,000; paint @ \$3 = \$900

Crosswalk Striping: Originally completed with white epoxy not included in project.

**Total Cost to epoxy SE 4<sup>th</sup> from Washington to 1<sup>st</sup> Ave = \$38,960 + mobilization cost**

**Total Cost to paint SE 4<sup>th</sup> from Washington to 1<sup>st</sup> Ave = \$16,780 + mobilization cost**

There will also be additional mobilization cost to get the correct equipment to the site for epoxy. The additional paint mobilization will be if they have to do the two projects separate.

Please let me know how you would like to proceed. Please respond to all on this email chain as I will be out of the office the rest of the week and we need to keep the project moving forward.

Thanks,

Brandon Duffey, PE | Project Manager

**Great West Engineering, Inc:**  
6780 Trade Center Avenue  
Billings, MT 59101

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**Figure #1**  
**Montana & Colorado Ave**  
**Proposed Parking Striping Project**

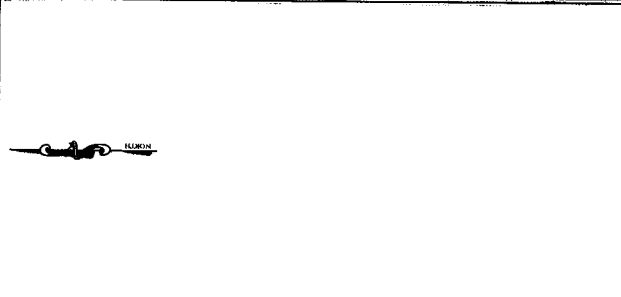
CITY OF LAUREL



DATE: MARCH 2, 2016	PROJECT: 2-1414-1035	NO.	REVISION DESCRIPTION	BY	DATE
APPROVED: CH	DESIGNED: CJA				
CHECKED: CL	DRAWN: BL				

**CITY OF LAUREL, MONTANA**  
**SE FOURTH STREET IMPROVEMENTS**  
**SE FOURTH STREET IMPROVEMENTS**

SHEET NO. **3**  
OF 10



**PLAN VIEW OF SE FOURTH STREET IMPROVEMENTS**

0 25 50  
SCALE IN FEET

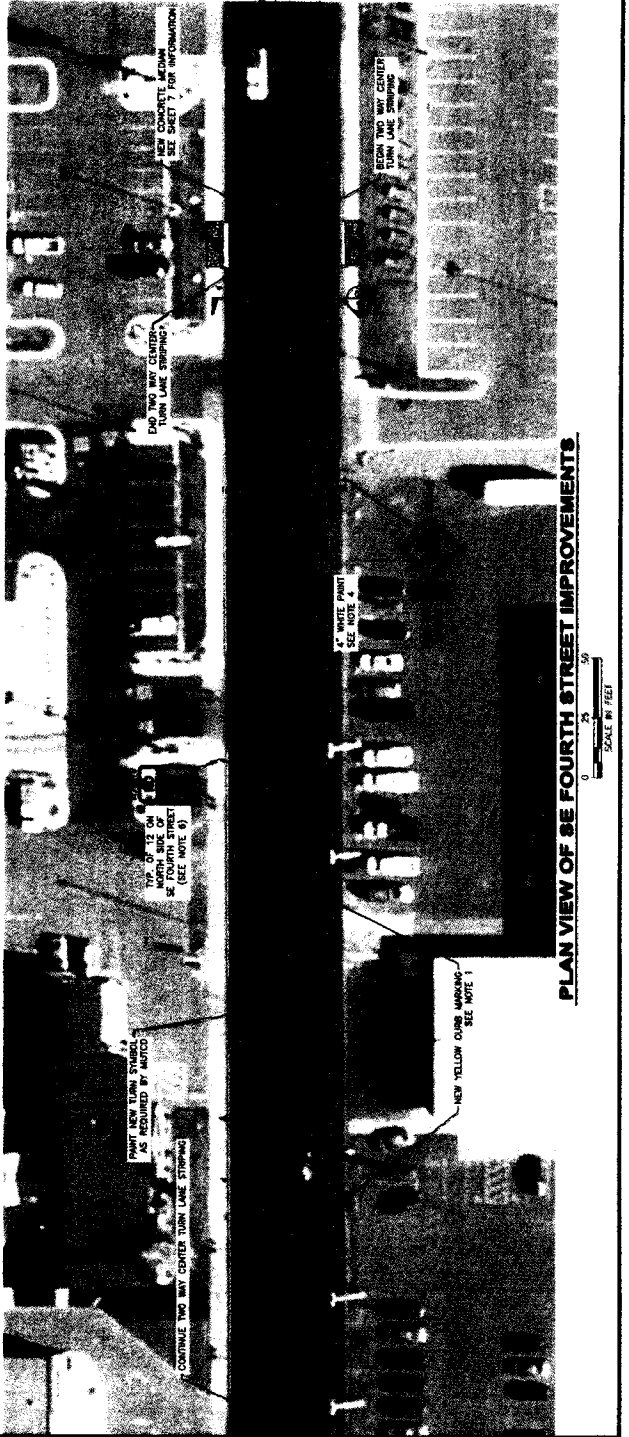
**NOTES:**

- CONTRACTOR SHALL INSTALL YELLOW CURB MARKINGS AT ALL INTERSECTION CURB MARKING DETAIL ON SHEET 9.
- DOUBLE CENTERLINE STRIPING INCLUDES TWO 4" INCH YELLOW STRIPES SEPARATED BY 4" SPACE.
- BROKEN LINES ON CENTER TWO WAY TURN LANE STRIPING ARE MADE UP OF 10' STRIPES FOLLOWED BY 30' SPACES.
- 4" WHITE SHOULDER STRIPES SHALL BE CONTINUOUS EXCEPT THROUGH PUBLIC APPROACHES.
- CONTRACTOR SHALL INSTALL PAINT MARKINGS IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 8TH EDITION.
- CONTRACTOR TO FIELD VERIFY LOCATION OF "NO PARKING" MARKINGS WITH OWNER & ENGINEER PRIOR TO INSTALLATION.



**PLAN VIEW OF SE FOURTH STREET IMPROVEMENTS**

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SCALE IN FEET



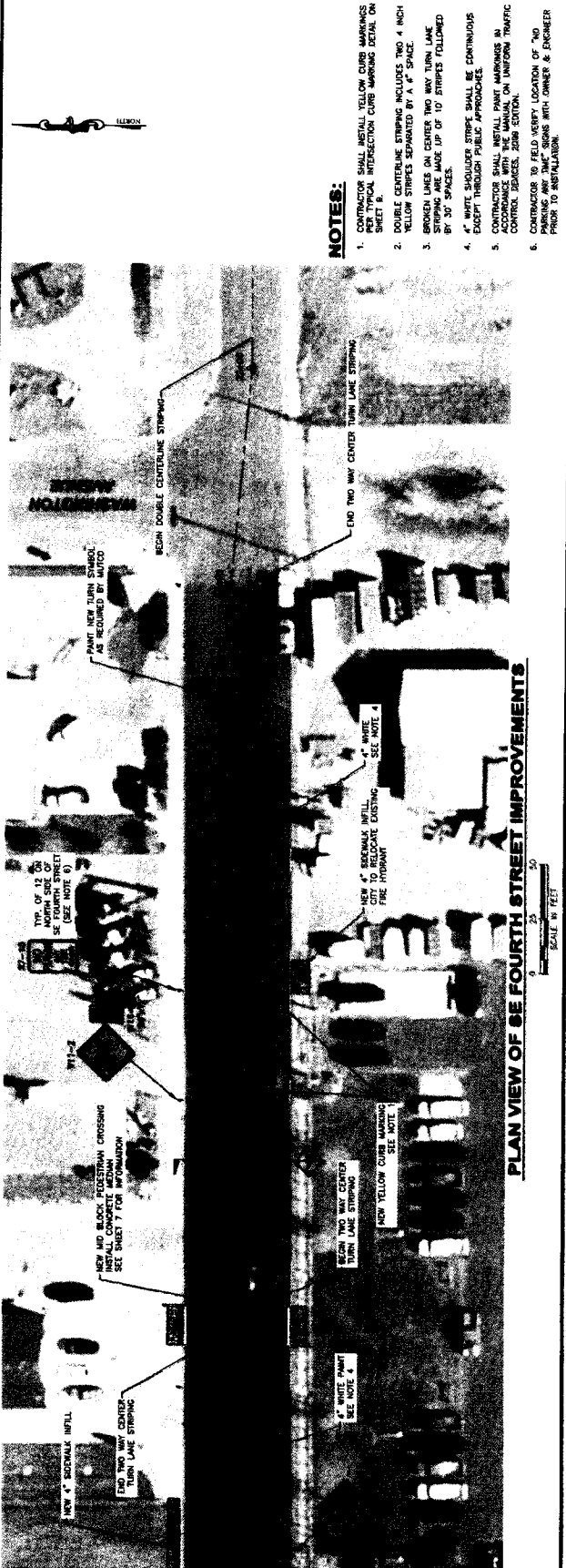
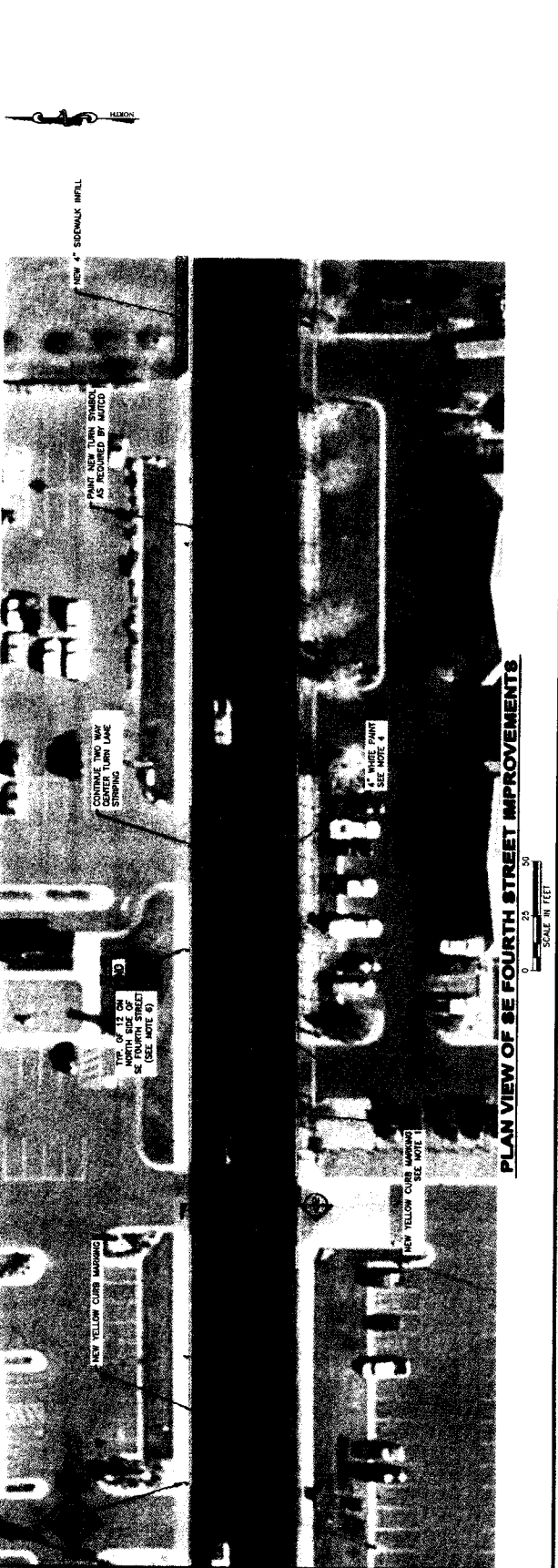
**PLAN VIEW OF SE FOURTH STREET IMPROVEMENTS**

0 25 50  
SCALE IN FEET





DATE: MARCH 1, 2018  
APPROVED: CEN  
CHECKED: CL  
DRAWN: RL  
DESIGNED: CEN  
PROJECT: 2-14114-T035



- NOTES:**
1. CONTRACTOR SHALL INSTALL YELLOW CURB MARKINGS PER TYPICAL INTERSECTION CURB MARKING DETAIL ON SHEET 8.
  2. DOUBLE CENTERLINE STRIPING INCLUDES TWO 4 INCH YELLOW STRIPES SEPARATED BY A 4" SPACE.
  3. BROKEN LINES ON CENTER TWO WAY TURN LANE STRIPING ARE MADE UP OF 10' STRIPES FOLLOWED BY 30' SPACES.
  4. 4" WHITE SHOULDER STRIPES SHALL BE CONTINUOUS EXCEPT THROUGH PUBLIC APPROACHES.
  5. CONTRACTOR SHALL INSTALL PAINT MARKINGS IN ACCORDANCE WITH MUTCD AND UNIFORM TRAFFIC CONTROL DEVICES, 2009 EDITION.
  6. CONTRACTOR TO FIELD VERIFY LOCATION OF TURN PARKING AND TIME SIGNS WITH OWNER & ENGINEER PRIOR TO INSTALLATION.