



# City of Rowlett

## Meeting Agenda

### City Council

4000 Main Street  
Rowlett, TX 75088  
www.rowlett.com

*City of Rowlett City Council meetings are available to all persons regardless of disability. If you require special assistance, please contact the City Secretary at 972-412-6115 or write 4000 Main Street, Rowlett, Texas, 75088, at least 48 hours in advance of the meeting.*

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Tuesday, January 7, 2014

6:00 P.M.

Municipal Building – 4000 Main Street

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As authorized by Section 551.071 of the Texas Government Code, this meeting may be convened into closed Executive Session for the purpose of seeking confidential legal advice from the City Attorney on any agenda item herein.

The City of Rowlett reserves the right to reconvene, recess or realign the Regular Session or called Executive Session or order of business at any time prior to adjournment.

1. **CALL TO ORDER**
  2. **EXECUTIVE SESSION (6:00 P.M.)\* Times listed are approximate**
    - 2A. The City Council shall convene into Executive Session pursuant to Texas Government Code §551.071 (Consultation with Attorney) to receive legal advice from the City Attorney regarding the contract for the Downtown Improvements project. (15 minutes)
    - 2B. The City Council shall convene into Executive Session pursuant to the Texas Government Code, §551.087 (Economic Development) and §551.071 (Consultation with Attorney) to receive legal advice from the City Attorney and to discuss and deliberate the offer of financial or other incentives to business prospects that the City may seek to have locate in or near Elgin B. Robertson Park. (5 minutes)
  3. **WORK SESSION ITEMS (6:20 P.M.)\***
    - 3A. Hear presentation on the December Ice Storm Event. (30 minutes)
    - 3B. Discuss and Update City Council on the American Public Works Association Accreditation process. (15 minutes)
    - 3C. Consider action to approve a resolution accepting the bid of and awarding a contract to Phillip/May Corporation in an amount not to exceed \$1,979,240.83 for the Downtown Improvement Project. (15 minutes)
  4. **DISCUSS CONSENT AGENDA ITEMS**
- CONVENE INTO THE COUNCIL CHAMBERS (7:30 P.M.)\***

## **INVOCATION**

## **PLEDGE OF ALLEGIANCE**

### **TEXAS PLEDGE OF ALLEGIANCE**

*Honor the Texas Flag; I pledge allegiance to thee, Texas, one state under God, one and indivisible.*

## **5. PRESENTATIONS AND PROCLAMATIONS**

- 5A.** Hear presentation of the Monthly Financial report for the period ending November 30, 2013.
- 5B.** Update from the City Council and Management: Financial Position, Major Projects, Operational Issues, Upcoming Dates of Interest and Items of Community Interest.

## **6. CITIZENS' INPUT**

*At this time, three-minute comments will be taken from the audience on any topic. To address the Council, please submit a fully-completed request card to the City Secretary prior to the beginning of the Citizens' Input portion of the Council meeting. No action can be taken by the Council during Citizens' Input.*

## **7. CONSENT AGENDA**

*The following may be acted upon in one motion. A City Councilmember or a citizen may request items be removed from the Consent Agenda for individual consideration.*

- 7A.** Consider action to approve minutes from the December 10, 2013, City Council Special Meeting and the December 17, 2013, City Council Meeting.
- 7B.** Consider action to approve a resolution awarding a bid to APAC-Texas, Incorporated for the purchase of hot mix asphalt in the unit amounts bid and an annual amount not to exceed \$100,000 through the Interlocal Cooperative Purchasing Agreement with Dallas County for road materials for the Street Department.
- 7C.** Consider action to adopt an ordinance updating the City of Rowlett's Standard Construction Details by adopting comprehensive specifications and requirements for the construction of public works, and repealing Part III of Volume II of the Code of Ordinances and amending sections 78-1 and 78-2 of the Code.
- 7D.** Consider action to approve a resolution accepting the bid of and awarding a contract to Phillip/May Corporation in an amount not to exceed \$1,979,240.83 (which includes \$512,070.00 for total alternatives and an early completion bonus of \$3,000.00) for the Downtown Improvement Project.
- 7E.** Consider action to approve a resolution accepting the bid of and awarding a contract to A&M Construction & Utilities, Incorporated in the amount of \$186,640.00 for the base bid and up to

\$2,400.00 for the early completion bonus, resulting in a total bid of \$189,040.00 for the Martin Street Sanitary Sewer Improvement Project.

- 7F. Consider action to approve an amendment to Chapter 6 in the Rowlett Code of Ordinances regarding Animal Abandonment.

**8. ITEMS FOR INDIVIDUAL CONSIDERATION**

*If a Public Hearing is listed, the City Council will conduct such public hearing to receive comments concerning the specific items listed in the agenda. Any interested persons may appear and offer comments, either orally or in writing; however, questioning of those making presentations will be reserved exclusively to the presiding officer as may be necessary to ensure a complete record. While any person with pertinent comments will be granted an opportunity to present them during the course of the hearing, the presiding officer reserves the right to restrict testimony in terms of time and repetitive content. Organizations, associations, or groups are encouraged to present their commonly held views and identical or similar comments through a representative member when possible. Presentations must remain pertinent to the issues being discussed. A person may not assign a portion of his or her time to another speaker.*

**TAKE ANY NECESSARY OR APPROPRIATE ACTION ON CLOSED/EXECUTIVE SESSION MATTERS**

**9. ADJOURNMENT**

*Laura Hallmark*

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Laura Hallmark, City Secretary

I certify that the above notice of meeting was posted on the bulletin boards located inside and outside the doors of the Municipal Center, 4000 Main Street, Rowlett, Texas, as well as on the City's website ([www.rowlett.com](http://www.rowlett.com)) on the 2<sup>nd</sup> day of January 2014, by 5:00 p.m.



**City of Rowlett**  
**Staff Report**

4000 Main Street  
P.O. Box 99  
Rowlett, TX 75080-0099  
[www.rowlett.com](http://www.rowlett.com)

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**AGENDA DATE:** 01/07/14

**AGENDA ITEM:** 2A

**TITLE**

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**AGENDA DATE:** 01/07/14

**AGENDA ITEM:** 2B

**TITLE**

The City Council shall convene into Executive Session pursuant to the Texas Government Code, §551.087 (Economic Development) and §551.071 (Consultation with Attorney) to receive legal advice from the City Attorney and to discuss and deliberate the offer of financial or other incentives to business prospects that the City may seek to have locate in or near Elgin B. Robertson Park. (5 minutes)



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Staff Report

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**AGENDA DATE:** 01/07/14

**AGENDA ITEM:** 3A

**TITLE**

Hear presentation on the December Ice Storm Event. (30 minutes)

**STAFF REPRESENTATIVE**

Brian Funderburk, City Manager

Jim Proce, Managing Director of Public Works & Development

**SUMMARY**

The City was impacted by the ice storm event that occurred in North Texas on December 5-8, 2013. As a result, multiple City departments put “all hands on deck” to ensure that the City was prepared to act and respond accordingly. The purpose of this presentation is to provide Council and citizens information regarding City actions in response to this weather event.

**BACKGROUND INFORMATION**

On Thursday, December 5, 2013, thru Sunday, December 8, 2013, the DFW area was hit by one of the most severe ice storms in the past 30 years (News channels named it “Icemedgedon”). Like many other DFW area cities, the City of Rowlett was greatly impacted by this storm event. At one time, there were a total of 14 sewer lift stations out-of-power, eight traffic signals were out, and one elevated water tank was off-line. In addition, there were numerous ice related issues on roadways, public parking areas and City facilities along with downed trees or limbs in roadways all over the City.

**From a personal perspective, as City Manager, I want to take a moment to say how proud I am of our combined TEAM (i.e. City employees, City Councilmembers and our Partners). Extraordinary preparation, teamwork, communication & coordination by City staff and our partners, ONCOR and the Citizens Emergency Response Team (CERT) prevented this incident from becoming catastrophic. Each person was ready to help in any way they could and I couldn’t have asked for more from them. I have so many emails from City employees, members of the City Council and private citizens showing their willingness to do whatever it took to help. I don’t like it when we have City-wide disruptions as we did that week, but I am so proud of our TEAM. As a bonus – NO injuries were sustained or equipment damaged during this event. Good job everyone!!**

*Public Works*

In preparation for the storm, Public Works activated a 12-hour shift rotation schedule starting at 5 p.m. on December 5<sup>th</sup> to address the storm conditions associated with the event and continued that schedule for 38 hours, ending on Saturday, December 7<sup>th</sup>, at 7a.m. Two portable generators were used to ensure the sewer lift stations had power, with the crews moving from

one lift station to another to keep everything working smoothly. And, all of this was going on while other crews were out taking care of numerous other disruptions throughout the City.

### *Police*

During the event, a total of eight traffic signals were out over the City and our Police Department and Animal Control Officers took on the job of making sure the people brave enough to be out in that weather were safe by placing portable stop signs at the most critical of intersections. This was no easy job considering how large and heavy each sign is and that it also takes heavy sand bags to hold them in place and two trucks to move the signs and sand bags to each location – but they were on the job as long as it took, moving them from one intersection to another, knowing our Public Works staff were handling other problems. Some of the boys in blue also helped out the Public Works staff in clearing downed trees and limbs out of the roadways.

### *Parks*

The Parks Department took on the task of removing downed trees and tree limbs in the medians and streets to make way for Police and Fire vehicles to get to the more than 300 emergency calls that came through dispatch during the event. Initially, Public Works crews assisted Parks crews to take care of the medians. After the medians were clear, Parks crews were then dispatched with Public Works crews to clear trees on roads and in neighborhoods all over the City.

### *RCC*

Because of the power outages all over the City, Mayor Gottel suggested that we keep the Community Centre open day and night during the ice event – a “citizen-centered” suggestion from our Mayor. The Community Centre was reopened from Friday at noon until Saturday at 9 p.m. Even though only a few citizens opted to use the Convenience Centre to stay warm, our citizens knew there was a place they could go, be warm and decide exactly what they were going to do until their power was fixed. One person that utilized the facility had no power for their oxygen tank and stayed until a relative could pick them up. Again, our employees were asked to either stay or come in and take care of the citizens that arrived. CERT volunteers were there to help open the Convenience Centre and help out in any way they could. To be clear, at one point, over 7,000 buildings were out-of-power. There was no way to know how many people would use the facility. Staff was very grateful to our CERT partners for being willing to brave the elements themselves and be prepared to assist our citizens.

### *Library*

And while the Library may not be the first place you would think of to go when there is a sheet of ice on the streets, quite a number of our citizens, 225 in fact, decided to brave the weather and check out books and DVDs to have something to do during “Icemageddon”. When the decision was made that the Library would open on Saturday, December 7<sup>th</sup> at noon, seven staff members stepped forward so the doors could be opened and made a difference in the lives of those 225 people. Building maintenance employees cleared the walkways and employee entrance so all could enter safely.

### *Fire*

Due to the possibility of a more catastrophic event, staff initiated a soft opening of the Emergency Operating Center (EOC) at Fire Station 1. On the morning of December 6<sup>th</sup>, there was an outage at the EOC and an IT person was sent to help out. He was able to fix every problem the EOC had and took it upon himself to stay onsite just in case there were any other outages or additional IT support was needed. He was there for seven hours total – then left to help out the Fire Marshal with IT related issues.

While Fire Rescue staff was manning the EOC, other Fire Rescue crews were out with the Public Works and Parks crews helping to remove downed trees out of the roads so emergency vehicles could get through to the citizens.

### *Citizens Emergency Response Team (CERT)*

CERT volunteers were an integral part of surviving “Icemaggedon”. The volunteers helped remove debris wherever they found it and others were called out to provide a safety perimeter for a downed power line in the City. Some were used for non-emergency power line issues while others helped open the Convenience Centre at the RCC. Our CERT volunteers provided exceptional service to the citizens, Fire Rescue and other departments in the City. Make no mistake about it, CERT is an important “partner” to the City of Rowlett. If you see a CERT member, thank them for their commitment and dedication to our community. When disaster strikes, CERT will always be there for us!

### *Communications*

It was a full-time task keeping the citizens informed about closings, delays and openings, but our Communications staff stepped up and made it all happen. From postings on the City’s FaceBook page to the City’s website and RTN16 – they had it covered!

### *City Council*

The Mayor and Councilmembers stayed tuned in and engaged during the ice storm. We were truly all in it together and our teamwork showed. Thank you for your suggestions, offers of help and your concern about the citizens, City and employees. Thank you, Mayor, for riding out with the City Manager to survey the damage and assess the situation of the City. We received many emails from citizens stating their gratitude for the “first-hand reports” they received throughout the storm and how appreciative they were that we opened up the RCC as a Convenience Centre. Great Teamwork by Everyone!

### *Waste Management*

Finally, the City’s trash contractor, Waste Management (WM), has implemented a schedule to collect the limbs and debris. To the extent possible, small piles are being picked up as part of the normal route schedules. In addition, the City of Rowlett has triggered the disaster management clause of the WM contract. As a result, additional crews and equipment are being provided by WM on Wednesdays and Saturdays through the end of the month. The City of Rowlett also contacted the City of Garland, who has agreed to allow WM to dispose of the

brush, limbs and debris at the City of Rowlett’s discounted rate, thereby saving Rowlett tax dollars.

Residents are not required to call the City or WM to schedule a pick up. Brush piles placed in the front of the house for collection will be serviced first and the smaller brush piles in the alleys may be collected with the regular trash pick-up if it is manageable. This clean-up phase will take several weeks and will continue into January. Citizens may utilize their Hinton landfill passes if they want to remove the debris sooner. These passes are available at the City Secretary’s Office, Public Works Building and the Utility Billing Office.

## DISCUSSION

As indicated above, every department in the City was impacted by the storm. Through extraordinary preparation, teamwork, communication and coordination by City staff and our partners, ONCOR and the Citizens Emergency Response Team (CERT), the impact of the storm event was mitigated; however, additional costs were incurred during the storm event and in clean-up efforts after the event. The following sections outline the costs associated with the event.

### *Cost of Storm Event*

While the estimated “special” clean-up costs associated with storm debris for residential service is covered in the following section, this section is intended to itemize the total costs associated by the City. Please note that not all costs are known at this time. For example, many damaged trees will survive with only trimming; however, the survivability of young trees planted this fall may not be known for some time.

In preparation of the storm event, additional staff were scheduled and/or brought in during the event. While some of the costs incurred were part of the City’s everyday service delivery, the City did pay overtime and/or labor for additional employees. For example, Public Works activated a 12-hour shift rotation schedule starting at 5 p.m. on December 5<sup>th</sup>, and continued that schedule for 38 hours, ending on Saturday, December 7<sup>th</sup>. In addition, Parks crews were called out to assist with the removal of debris and Recreation staff was called out to help man the RCC “Convenience Center” to provide a warming site for those without power. Fire also had four additional “teams” assigned to provide a targeted response in case the severe weather created extraordinary call volumes.

Other costs included materials such as sand for intersections and roadways, de-icing materials for public buildings and facilities, fuel for emergency and standby vehicles, and rental costs for backup generators. The estimated total costs are as follows:

<b>Category/ Function</b>	<b>Description</b>	<b>Estimated Costs</b>
<b>Debris Clearance</b>	Public Works & Parks labor and overtime, sanding materials, and cost of equipment	\$33,198
<b>Public Safety</b>	Police, Fire and EMS overtime and cost of	14,367

Category/ Function	Description	Estimated Costs
	equipment	
<b>Public Buildings &amp; Facilities</b>	De-icing materials	291
<b>RCC "Convenience Center"</b>	Labor and overtime to open and operate	2,342
<b>Residential Debris Disposal</b>	Cost of removal of storm debris from Waste Management (see section below)	108,730
<b>Damages</b>	Cost of trees destroyed, damages to buildings, etc. (cannot be estimated at this time as assessment is still ongoing)	Unknown
<b>Total</b>		<b>\$158,928</b>

### *Storm Event Clean-up*

On December 9, 2013, City Staff toured the City to assess the damage caused by the ice storm. It was concluded that thousands of residents were impacted with loss of limbs and trees creating an excessive amount of brush in need of collection. The City determined it was necessary to trigger Section 27.00 Disaster or Storm Event Services of the Waste Management Solid Waste Collection and Disposal Contract dated June 27, 2012. This clause allows the City to engage in specialized collection efforts and utilize extra equipment to assist in the clean up process. The City initially authorized three weeks of a special collection schedule for the brush. This special collection includes utilizing 6-8 rear load trucks and an additional boom truck on Wednesdays and Saturdays to collect the excessive brush throughout the City. City Staff utilized Blackboard Connect and the website to inform residents of the plan and schedule of brush collection. Calls went out to residents on Monday, December 9, Tuesday, December 10, Thursday, December 12 and Monday, December 16, 2013. City Staff has also secured a reduced disposal rate with the City of Garland Landfill that reduces the per ton rate from \$35.00 to \$26.37. Utilizing the Hinton Landfill has saved time and enhanced our cleanup efforts. As of December 21, 2013, the statistics for the tonnage, equipment and costs for the special clean-up efforts are listed in the chart below:

Description	12-11-13	12-14-13	12-18-13	12-21-13	Total	Rate	Cost
<b>Rear Load Labor (in hours)</b>	77.20	57.20	52.10	49.20	235.7	\$125.00	\$29,463
<b>Boom/Roll Off Labor (in hours)</b>	23.50	23.15	12.50	14.60	73.75	\$150.00	\$11,062
<b>Disposal-Hinton Landfill (in tons)</b>	99.90	73.04	66.70	56.14	295.78	\$26.37	\$7,800
<b>Total</b>							\$48,325
<b>Average Daily Cost</b>							\$12,081

In addition to the special clean-up efforts listed above and to provide perspective to the numbers in the chart, WM collected 650.30 tons of brush and bulky pick-up waste during September thru November (237.5, 219.2 and 193.6 tons respectively). In four days, WM has removed 295.78 tons, exceeding the highest total for the entire month of September because of the storm event.

Based on the average collection per day for the first four special clean-up days, staff projects the total cost of the nine special clean-up days currently authorized to equal around \$108,730 as outlined in the table below. Our goal is to make one full sweep through the City. At the end of this time period, staff will reassess and determine if additional days are warranted.

Description	4-day total thru (12-11/ 12-14/12-18 /12-21)	1-day total Week of Christmas (12-28-13 only)	4-day total Week of News Years (12-30/12-31/1-2/1-3)	Total	Rate	Cost
Rear Load Labor (in hours)	235.70	58.92	235.70	530.32	\$125.00	\$66,290
Boom/Roll Off Labor (in hours)	73.75	18.44	73.75	165.94	\$150.00	\$24,891
Disposal-Hinton Landfill (in tons)	295.78	73.94	295.78	665.50	\$26.37	\$17,549
<b>Total</b>						<b>\$108,730</b>

*Possibility of federal reimbursement*

On December 10, 2013, the Mayor of Rowlett issued a Declaration of a Local State of Disaster. Citing widespread and severe damage and loss of property, the Mayor took this act as part of a regional effort to determine if the total cost of the storm event exceeds the minimum threshold for the federal government to consider the event a federal disaster. That amount is \$8.3 million. It is unknown at the time this staff report was prepared if the entire region hit this mark; however, the City of Rowlett alone has incurred an estimated \$158,928 in costs. If the threshold is met, Rowlett will have the documentation ready to apply for federal reimbursement.

**FINANCIAL/BUDGET IMPLICATIONS**

As indicated above, the City of Rowlett is expected to incur approximately \$158,928 in costs associated with the storm event. The single biggest cost will be the removal of storm debris from residential properties by Waste Management totaling \$108,730 and will be borne by the Refuse Fund. Additional costs associated with labor and overtime, materials and other items have currently been included within each departments’ budget; however, all costs are being tracked for the purposes of reimbursement, if applicable.

Staff is evaluating the cost of the storm event to determine if a budget amendment will be necessary.

**RECOMMENDED ACTION**

No action required. Information only.

**ATTACHMENT**

Attachment 1 – Excerpts from Operational Update – December 13, 2013

Department	Number of Volunteers	Hours Volunteered
Animal Shelter	17	72
Library	28	283.25
VIPS	18	290
Marshal's Office	0	0
Emergency Management	2	118
Clerical (several departments)	3	74.75
Parks	1	20
Warrant Release (Parks Maintenance)	0	0
Community Service (Animal Shelter)	48	805
November Totals	117	1,663

- **2013 "ICEMAGGEDON" – KUDOS FROM THE CITY MANAGER**

I want to take a moment to say how proud I am of our employees – they all worked together so well during the ice storm last Friday and over the weekend. Each person was ready to help in any way they could and I couldn't have asked for more from them. I have so many emails showing their willingness to do whatever it took to get the job done – no matter what the job was. The directors stayed in touch with me to keep me informed of what was going on and in turn, I was able to keep the Council informed in a timely manner. I don't like it when we have citywide disruptions as we did last week but am so proud to have the team I have working here. Also – NO injuries were sustained or equipment damaged during this event. Good job everyone!!

Kudos to the Public Works staff who kept our City "a float" during "Icemaggedon" – literally. With their quick thinking and even quicker acting, we were able to divert a real mess with our sewer lift stations, particularly considering that, at one point, 14 of our 26 stations were down due to power outages and we had only 2 portable generators to use for all of them. It took unbelievable teamwork and coordination to keep things moving 😊. And, all of this was going on while other crews were out taking care of numerous other disruptions throughout the City.

A total of eight traffic signals were out over the City and our Police Department and Animal Control Officers took on the job of making sure the people brave enough to be out in that weather were safe by placing portable stop signs at the most critical of intersections. No easy job considering how large and heavy each sign is and that it also takes heavy sand bags to hold them in place and two trucks to move the signs and sand bags to each location – but they were on the job as long as it took, moving them from one intersection to another, knowing our Public Works staff were handling other problems. Some of the boys in blue also helped out the Public Works staff in clearing downed trees and limbs out of the roadways.

The Parks Department took on the awesome task of removing downed trees and tree limbs in the medians and streets to make a way for Police and Fire vehicles to get to the more than 300 emergency calls that came through dispatch during "Icemaggedon". Also, Public Works crews were out with the Parks crews taking care of the medians and afterwards, the Parks crews were

dispatched to go out with Public Works crews to clear trees on roads and in neighborhoods all over the City. Another great example of teamwork!

Because of the power outages all over the City, Mayor Gottel suggested that we keep the Community Centre open day and night during the ice event – a “citizen-centered” suggestion from our Mayor – from Friday at noon until Saturday at 9pm. Even though only a few citizens used the Convenience Centre to stay warm, our citizens knew there was a place they could go, be warm and decide exactly what they were going to do until their power was fixed. One person visited that had no power for their oxygen tank and stayed until a relative could pick them up. Again, our employees were asked to either stay or come in and take care of the citizens that showed up. CERT volunteers were there to help open the Convenience Centre and help out in any way they could – more examples of great teamwork!

And while the Library may not be the first place you would think of to go when there is a sheet of ice on the streets, quite a number of our citizens, 225 in fact, decided to brave the weather and check out books and DVDs to have something to do during “Icemaggedon”. When the decision was made that the Library would open on Saturday, December 7th at noon, seven staff members stepped forward so the doors could be opened and made a difference in the lives of those 225 people. And thanks to the Facilities staff for clearing the walkways and employee entrance so all could enter with minimal risk.

With the direction the weather was taking, it was decided to have a soft opening of the Emergency Operating Center (EOC) at Fire Station 1. On the morning of December 6<sup>th</sup>, there was an outage at the EOC and an IT person was sent to help out. He was able to fix every problem the EOC had and took it upon himself to stay onsite just in case there were any other outages or additional IT support was needed. He was there for seven hours total – then left to help out the Fire Marshal with IT related issues. More great teamwork!!

While Fire Rescue staff was manning the EOC, other Fire Rescue crews were out with the Public Works and Parks crews helping to remove downed trees out of the roads so emergency vehicles could get through to the citizens.

CERT volunteers were an integral part of surviving “Icemaggedon”. The volunteers helped remove debris – wherever they found it and others were called out to provide a safety perimeter for a downed power line in the City. Some were used for non-emergency power line issues while others helped open the Convenience Centre at the RCC. Our CERT volunteers provided exceptional service to the citizens, Fire Rescue and other departments in the City. Make no mistake about it, CERT is our “**partner**”. If you see a CERT member, thank them for their commitment and dedication to our community. When disaster strikes, CERT will always be there for us!

It was a full time task keeping the citizens informed about closings, delays and openings but our Communications staff stepped up and made it all happen. From postings on the City’s FaceBook page to the City’s Website and RTN16 – they had it covered!

I can’t close this section without saying how much I appreciate our City Council members. They stayed tuned in and engaged during the ice storm. We were truly all in it together and our teamwork showed. Thank you for your suggestions, offer of help and your concern about the

citizens, City and employees. I want to thank you Mayor for riding out with me to survey the damage and assess the situation of the City. I also received emails from citizens stating their gratitude for the “first hand reports” we were giving to them throughout the storm and how glad they were we opened up the RCC as a Convenience Centre. I will say it again – Great Teamwork by Everyone! And Great TEAM!

Thanks to everyone on Council and staff for all that was done during this major event! Please take time to read the more detailed stories under each department heading throughout this Update about our great staff and volunteers.

## PARKS AND RECREATION

- On Friday, December 6, 2013 the Parks Division employees along with other departments exhibited their dedication to the citizens of Rowlett. Our employees braved the treacherous roads and conditions and began to tackle the challenges left behind by the dangerous ice storm that hit our area. Within minutes of reporting to work, they were out on the roads trimming and removing trees from the medians and streets. Public Works

assisted the Parks Division with the medians as well.

Once they were complete with the medians, they were dispatched by Randy Ferguson to assist Public Works with clearing downed trees in the neighborhoods

and on other roads throughout our city.



- Due to the inclement weather this past weekend, some residents lost power to their homes. In light of that occurrence, many of the city facilities were closed. The RCC was transformed into a “Convenience Centre” for those that did not have electricity. There were nine residents that took advantage of this service. The Centre was mainly utilized for a warming shelter with little entertainment for the families that did use this amenity until their electricity was restored. The Centre was open from Friday at noon until Saturday at 9:00 pm for residents to come and go as they please. Staff was in place to make sure that the facility ran smoothly along with volunteers from the CERT to assist if needed.

- When the “Main Street Fest and Holiday Parade” was cancelled due to the ice storm, a modified version of the event was

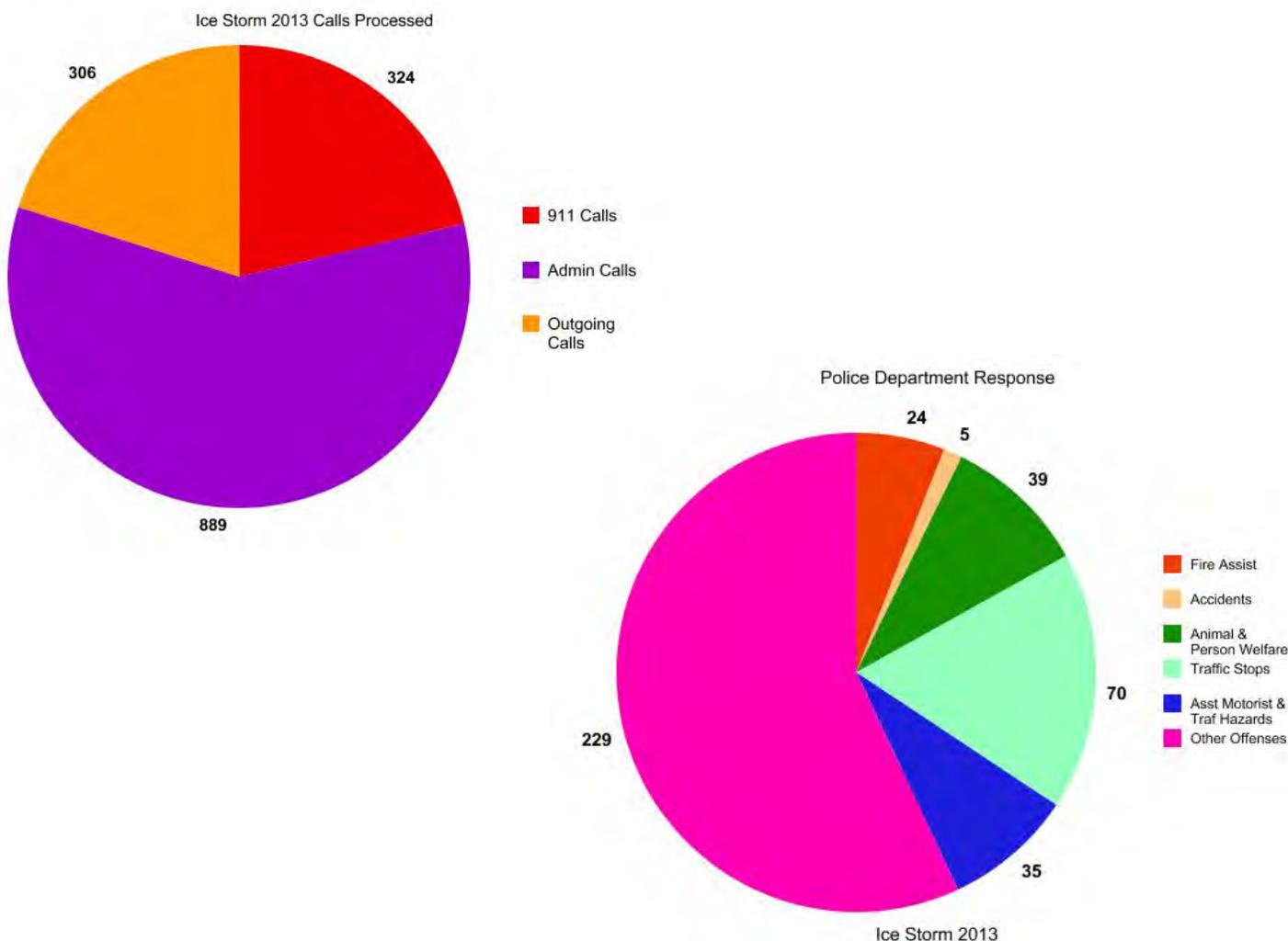


The suspects were known to conduct surveillance of daycare parking lots, wait for someone to park their car and walk their children inside. Once the victim was inside, they would approach the car, break the window and remove purses and other valuables. The suspects would then immediately start using the stolen credit cards before the victim had a chance to report them stolen.

These individuals are part of a larger group out of Florida known as the “Felony Lane Gang” which operates in cities all over the southern US. They usually target cars in parking lots at commercial businesses, gyms, and daycares. These suspects can commit the crime in less than 10 seconds and be on their way out of the parking lot.

**Job well done, Patrol & CID!**

- The following charts depict the number of calls processed and the number of police responses during the 2013 Ice Storm this past weekend and includes data from Friday, December 6 through Sunday, December 8, 2013.



Officers Norberg and Hart team up with the Public Works Department to help clear the streets of debris.



Serving the Citizens with Teamwork!

## FINANCE DEPARTMENT

- The Finance Department held a Holiday Cookie Walk on Monday, December 9 to raise funds for the Rowlett Needy Children's Fund. With a few last minute donations, \$200 was donated to the Rowlett Needy Children's Fund to help out for the holidays. This exceeded last year's donation of \$177.
- **The auditors are in the building!** Representatives of Weaver and Tidwell are working on the City's annual audit on site during the month of December. While the audit has been presented to the Council in April in prior years, the Accounting staff completed the preparation work and financials in November, with the goal of presenting the comprehensive annual financial report, or CAFR, at the first Council meeting in February!

- Ice Storm:

Background – On Friday December 6, 2013 around 10:30 a.m. during the winter ice storm Richard Fraga, a City of Rowlett contract employee, was called to respond to an outage at the EOC. When he arrived at Fire Station 1, he met with Assistant Fire Chief Poovey. After initial discussions, it was determined that several computers were unable to connect to the Rowlett network.

Resolution – The following actions were performed to resolve all issues:

1. Identified network connections that were inactive and made them active
2. Joined all laptops to the wired network
3. Joined all IP Phones to wired network
4. Configured and installed network printer located in EOC for all users

5. Configured laptop from Police Domain to join Rowlett Domain for Ed Balderas
6. Installed and configured Assistant Chief Poovey's laptop with Verizon Remote Access to connect while out in field
7. Monitored connectivity for all users

After it was determined that all computers were connected and were also able to print, Richard remained onsite in case any additional IT Support was needed.

In total, Richard was at the EOC for 7 hours, from 10:30 am to 5:30 pm.

Richard also assisted Bryan Beckner at Fire Admin with restoring some lost email after he left the EOC.

## **FIRE RESCUE**

- Ice Storm Details:
  - On Thursday December 5, the command staff met and, in anticipation of the ice storm, crafted a plan for our response to the ice storm threat. Basics of the plan included staffing the EOC with a soft opening at 08:00 in operational period 2 on Friday. Staffing operations with three additional units, Booster 3, Squad 1, and Engine 4 and adding a Battalion 2 to handle the east side of town. Total extra personnel for the event were eight.
  - Operational period 1 started at 6:00 PM on Thursday and ended with operational period 4 Saturday Evening at 7:30 PM. Extra units were downgraded during the day on Saturday during operational period 4. Events on Saturday were more of the same type calls but within normal call volume of 12 calls.
  - In the early hours of Friday morning, roads had to be cleared of downed trees blocking the roads. Fire Crews joined the City's Street and Parks Departments in clearing roads that blocked the path of Emergency vehicles utilizing chain saws.
  - Saturday evening, the Fire Department returned to a normal call loading and operations returned to normal status.
  - **The most important data is that zero personnel were injured, zero apparatus were damaged and all calls were answered!**
  - All personnel did a great job working hard to resolve issues for citizens and address all of the calls and provide for a safe operation.

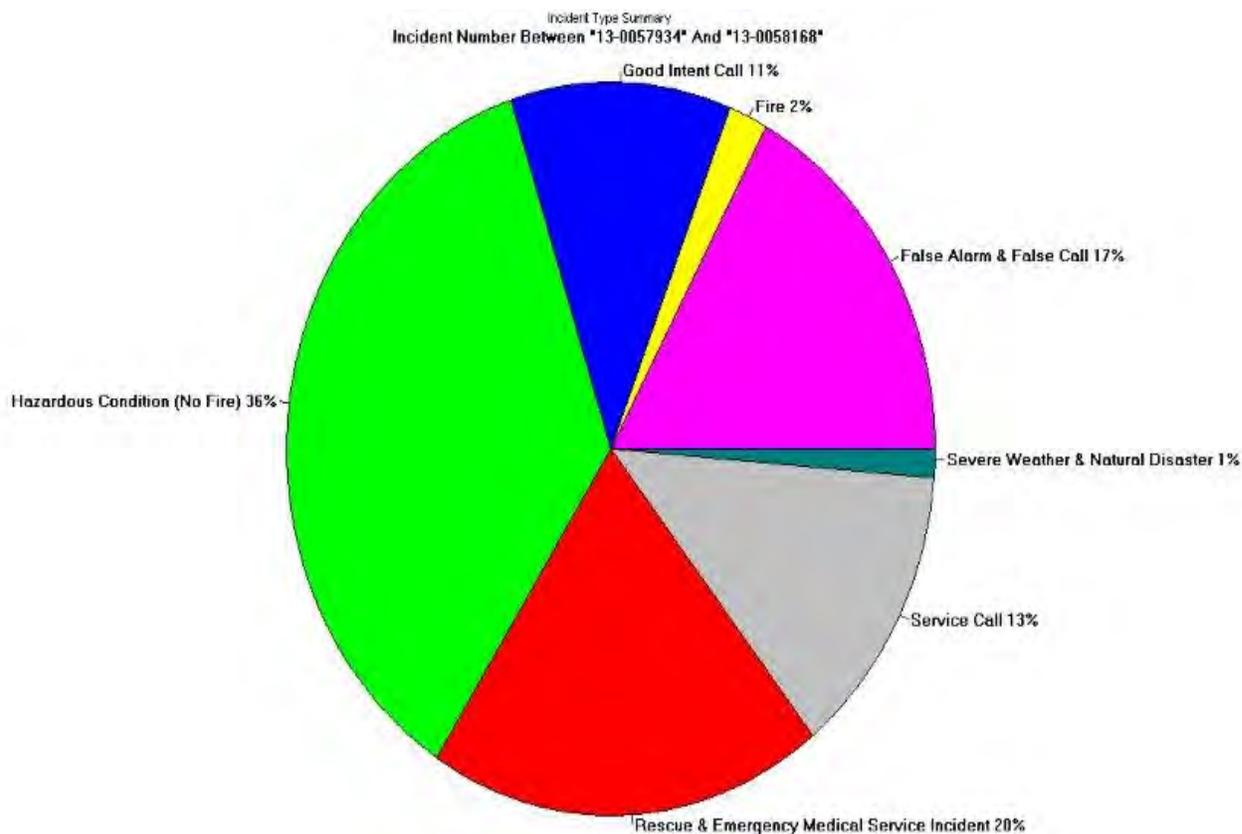
- Emergency Operations Center



- Staffing on Friday 12-6-13
  - ✓ Neil Howard, Fire Chief
  - ✓ Don Poovey, Asst. Chief
  - ✓ Bryan Beckner, Fire Marshal
  - ✓ Tony Martinez, Battalion 1
  - ✓ Ed Balderas, Emergency Management Intern
- Details:
  - Managed Web EOC connecting Rowlett EOC to the State EOC, County and region, all EOC's in North Texas were linked in by Web EOC. Ed issued Situation statuses on our condition and monitored the region and resources available.

- Call Breakdown for all Operational Periods

Building Fires	1
Other Fires	2
Emergency Medical	24
Power Lines	36
Natural Gas Leaks	2
Hazardous Condition	4
Public Service Assist	25
Fire Alarms	22

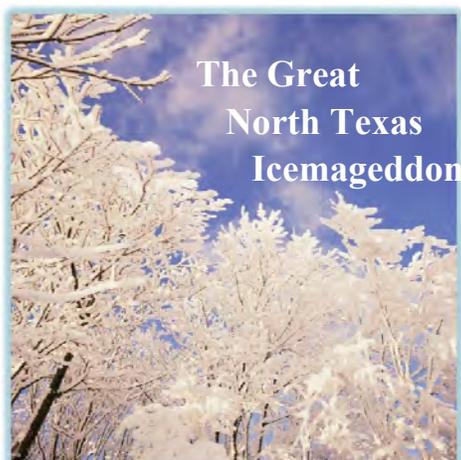


Total Calls **116**

- CERT response to Ice Storm
  - 60 Service Hours, 14 Personnel assigned.
  - CERT 1 & CERT 2 in service for non-emergency power line issues.
  - Opened Convenience Center at RCC
  - Debris removal assistance
  - Provided safety perimeter assistance for a down power line on Millwood Street.

✓ CERT provided exceptional Service to the Citizens and Fire Rescue.



**PUBLIC WORKS & DEVELOPMENT**

- On December 5, 2013, 43 essential emergency response staff members from the Public Works and Development Department began a 12 hour shift rotation schedule to adequately staff and address the inclement weather conditions caused by the ice storm. The rotation continued through the duration of the storm up until December 7, 2013.



Public Works Staff addressed a total of 93 requests for service, 43 of which were for tree limb removal during this storm event.

The Parks Department provided staffing assistance and support with these requests as well.

There were a total of 14 lift stations, 1 pumping station, and 2 elevated tank failures requiring back up power and pumping augmentation. It was necessary to obtain support from several vendors, who we obtained several integral resources. Entech, a local generator supplier, provided two back up power generators for lift stations. Staff had to jockey these generators around town to pump down lift station preventing sewage overflow and back-ups. Barco, Godwin, and Sunbelt provided equipment necessary for bypass pumping at several sewer lift stations, while Boyd Electric provided emergency electrical repair services.

Staff utilized 70 cubic yards of Ice Chat and 1.4 tons of Meltdown 20 to assist in assuring the roadway, bridges, and public parking areas were de-iced in 25 different locations.



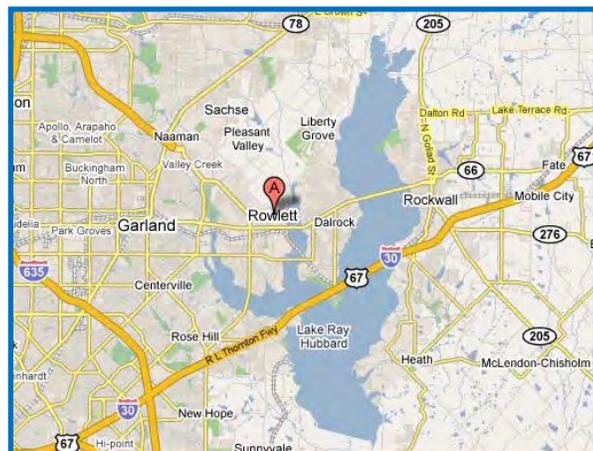
There were 8 traffic signals that experienced interruption in power supply. Staff made routine inspections of the signals during this event to ensure the backup power supply was working adequately. When the backup power was no longer available, staff was assisted by PD, who placed temporary stop signs until the signal until the power supply had been restored. **This event was the largest in years and staff is proud to say that there was no equipment damage or personal injury during this high risk assignment due to the departmental emphasis on safety precautions.**

All obstacles and challenges were faced efficiently and effectively as if this event was a routine occurrence. Our staff was ready and prepared to address the needs of our community.



- On Thursday, December 5, 2013, the Police Department requested assistance from the Public Works & Development Department regarding the GPS locations of remains that hikers discovered in a wooded area.

Jake Gilliland went to the scene and located each item with a handheld GPS locator unit. The collected information was delivered to Ella Li, where it was processed and used to populate a map of the area with specific points.



The GPS and GIS capabilities will allow the Police Department to accurately record where each specific item was found and may assist them in the future if inquiries arise. This is an excellent example of how technology has enhanced our capabilities, even crossing departmental boundaries.



# City of Rowlett

## Staff Report

4000 Main Street  
P.O. Box 99  
Rowlett, TX 75080-0099  
www.rowlett.com

**AGENDA DATE:** 01/07/14

**AGENDA ITEM:** 3B

### **TITLE**

Discuss and Update City Council on the American Public Works Association Accreditation process. (15 minutes)

### **STAFF REPRESENTATIVE**

Jim Proce, Managing Director of Public Works and Development  
Jake Gilliland, Utility Business Analyst

### **BACKGROUND / HISTORY**

In early 2013, the Department of Public Works and Development began the process of self-assessment in pursuit of the American Public Works Association (APWA) Accreditation.

### **POLICY EXPLANATION**

The purpose of the accreditation program is to provide a means of formally verifying and recognizing public works agencies for compliance with the recommended practices set forth in the Public Works Management Practices Manual. It is a voluntary, self-motivated approach to objectively evaluate, verify and recognize compliance with the recommended management practices. The objectives of the accreditation program are to:

- create impetus for organization self-improvement and stimulate general raising of standards
- offer a voluntary evaluation and education program rather than government regulated activity
- recognize good performance and provide motivation to maintain and improve performance
- improve public works performance and the provision of services
- increase professionalism
- instill pride among agency staff, elected officials and the local community

Self-assessment using the Public Works Management Practices Manual is a valuable tool for determining how an agency's policies, procedures and practices compare to recommended practices identified by nationally recognized experts in the field of public works. Agencies can use the recommended practices contained in the manual as a model for developing or improving existing practices to enhance performance, increase productivity, and to strengthen employee morale.

The benefits of Self-Assessment are:

1. Improve effectiveness
2. Promote staff and community pride
3. Clarify budget needs
4. Identify operation and management needs
5. Enhance professional image
6. Promote teamwork and staff development
7. Encourage interdepartmental coordination
8. Identify duplication and wasted effort
9. Promote public awareness
10. Improve communication
11. Prepare for agency accreditation

The purpose of tonight's action is to update the City Council on the American Public Works Association Accreditation process, provide the City Council an opportunity to ask questions, and to seek consensus and support for the process. The Department of Public Works and Development anticipates completion of this process and expects to achieve accreditation in FY2015.

#### **FISCAL IMPACT**

N/A

#### **STAFF RECOMMENDATION**

Staff recommends continuing the self-assessment and pursuit of accreditation and seeks City Council consensus and support for this process.

#### **ATTACHMENT**

Attachment 1 – Presentation on APWA Accreditation Process

# American Public Works Association Accreditation Process



Rowlett Texas  
Department of  
Public Works & Development

Jim Proce, Managing Director PW&D

Jake Gilliland, Utility Business Analyst, Accreditation Manager

# APWA Accreditation & Dept. of Public Works & Development

The Mission of the City of Rowlett Department of Public Works and Development Is To Provide Quality Services With The Least Disruption To Our Community.

# APWA Accreditation & Dept. of Public Works & Development

The Vision of the Department of Public Works and Development Is To Be an Organization That:

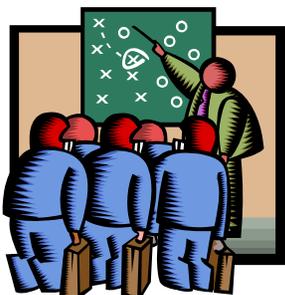
- Employs Safe, Efficient, Effective, Best Practices;
- Provides Quality Maintenance Programs and Systems
- Promotes Investment in Lasting Value in Our Community
- Provides Fiscally Sustainable Solutions for Our Community
- Provides Quality Infrastructure
- And Strives to Become an APWA Accredited Agency Committed to Continuous Improvement and Respected by Our Peers and Our Community!

# APWA Accreditation – What is it?

Defined as:

A valuable tool to for determining how an agency's policies, procedures, and practices compare to recommended practices identified by nationally recognized experts in the field of public works





# APWA Accreditation

## Why is it Important?

### Accreditation is strategic in nature.

- It ensures planning functions exist in all areas
- Expectations are clear for employees
- It creates value in an organization by removing obstacles to success
- It ties directly to the organization mission and vision

### The self assessment process is the needs assessment process of strategic planning.

- It identifies challenges and weaknesses
- It ensures vulnerabilities are identified and addressed
- It defines what is important to the organization and the community

### Essential ingredients required are:

- Committed leadership all the way to the top
- High degree of employee involvement
- Organized system of documentation
- Commitment to continuous improvement and development

# APWA Accreditation

## What are the objectives?

create impetus for organization self improvement and stimulate general raising of standards

offer a voluntary evaluation and education program rather than government regulated activity

recognize good performance and provide motivation to maintain and improve performance

improve public works performance and the provision of services

increase professionalism

instill pride among agency staff, elected officials and the local community

# APWA Accreditation

## What are the benefits?

Improve effectiveness

Promote staff and community pride

Clarify budget needs

Identify operation and management needs

Enhance professional image

Promote team work and staff development

Encourage interdepartmental coordination

Identify duplication and wasted effort

Promote public awareness

Improve communication

Prepare for agency accreditation

# APWA Accreditation

## How Can We Ensure Success?

To ensure success in the process:

Director  
support of  
accreditation  
manager

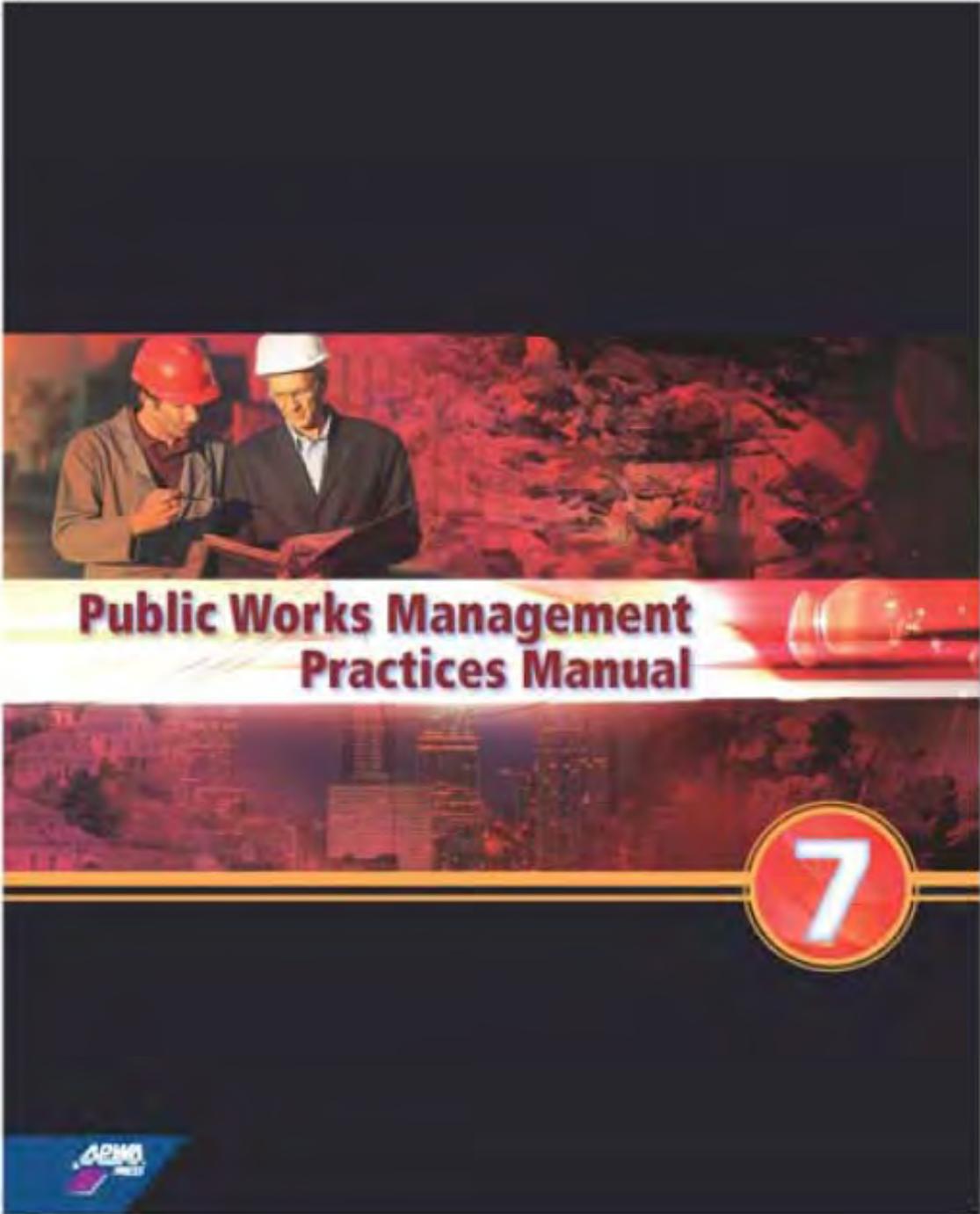
Establish  
agency wide  
support

Seek support  
from elected  
and  
appointed  
official

Staff support

Direct  
involvement  
of director

Staff  
familiarity  
with Public  
Works  
Management  
Practices  
Manual



# Management Practices Manual

39 chapters in the manual

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graph TD; A[39 chapters in the manual] --> B[26 chapters applicable to Rowlett]; B --> C[617 practices in the manual]; C --> D[404 practices applicable to Rowlett];
```

26 chapters applicable to Rowlett

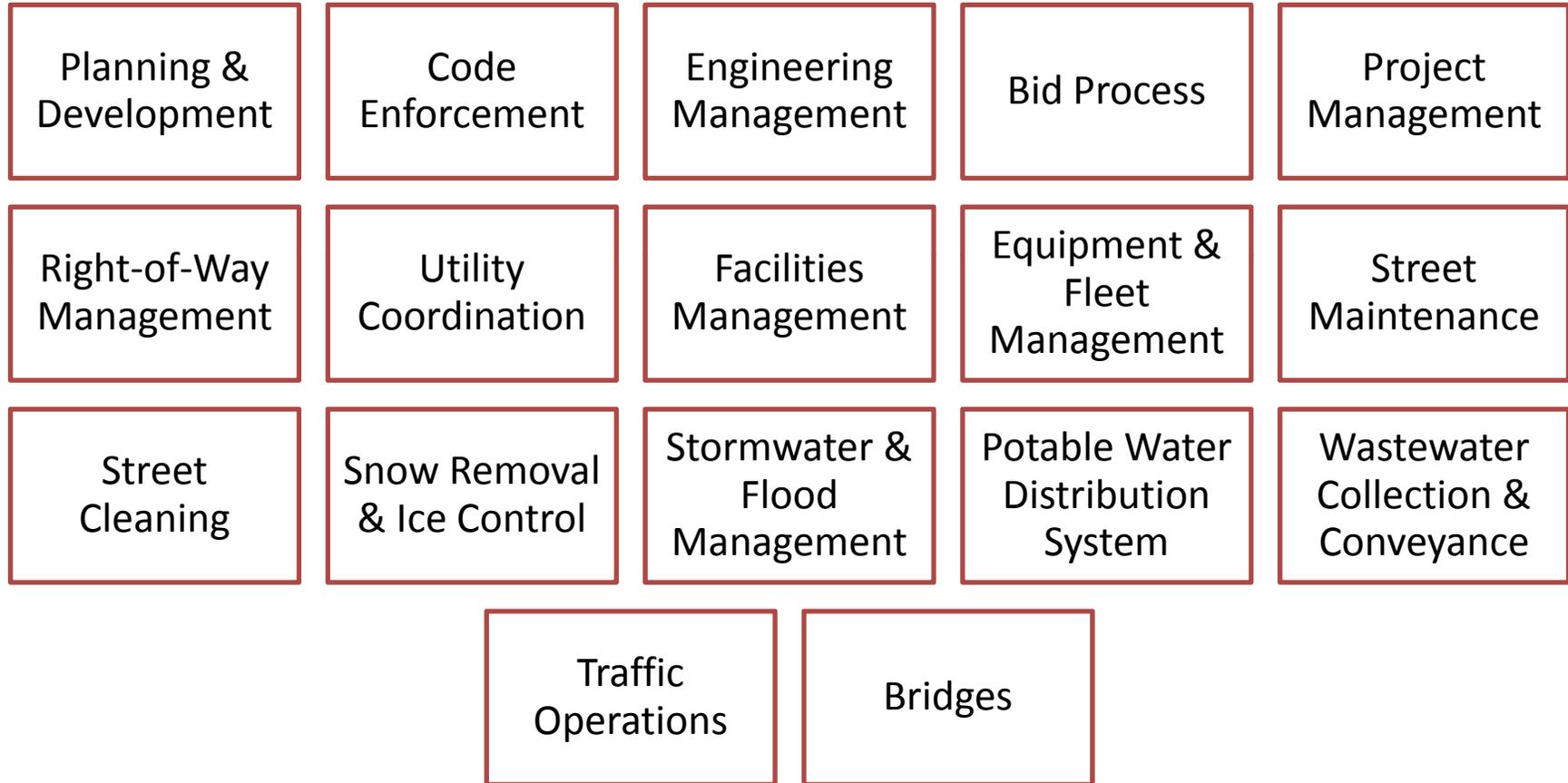
617 practices in the manual

404 practices applicable to Rowlett

# Accreditation Chapters (1-9)

Organization & Strategic Planning	Human Resource Management	Occupied Facilities
Finance	Risk Management & Legal Review	Communication
Information Technology & Telecommunications	Emergency Management	Safety

# Accreditation Chapters



# Interdepartmental Support Needed

Human Resource Management

Finance

Risk Management & Legal Review

Communication

Information Technology & Telecommunications

Emergency Management

# Where are we now?

PW&D department managers and supervisory staff attended webinar that covered basic training items

A work plan for the department had been developed and implemented

Webinar has been presented to crews and other employees in smaller groups to facilitate discussion

Chapter teams have been formed by the accreditation manager; follow up meetings are in progress to set expectations

# Where are we now?

Acquired Management Practices Manual for staff members and teams

Accessed and set up tracking software which is a web based application  
(requires no IT support)

Created tracking spreadsheet and other forms

“Branding” of our team is completed

# ROWLETT ENERGY



# Self Assessment Practice Review Process



# Practice Components

- **Name of practice**
- **Purpose**
- **Objective**
- **Responsibility**
- **Authority**
- **Guidelines**
- **Content**
- **Forms (when required)**
- **Executed examples of forms (proof of being utilized)**
- **Revisions**

CITY OF ROWLETT, TEXAS		
DEPARTMENT OF PUBLIC WORKS & DEVELOPMENT SERVICES		
STANDARD OPERATING PROCEDURES		
+	Title:	Date:
	PWDSOP:	Approval:
<b>Purpose</b>		
<b>Objective</b>		
<b>Responsibility</b>		
<b>Authority</b>		
00.00	<b>Name of practice</b> <b>Guidelines</b> <b>Content</b> <b>Forms (when required)</b> <b>Executed examples of form (proof of being utilized)</b> <b>Revisions</b>	
	A.	
	B.	
	C.	
	D.	
	E.	
	F.	

# Practice Compliance

There are levels of compliance:

- Full Compliance
- Substantial Compliance
- Partial Compliance
- Non-Compliance
- Not Applicable or Waived

MODEL PRACTICES – Recognized as outstanding practice

## So What's Next?

- Detailed training of teams – Self Assessment Workshop scheduled within 60-90 days
- Began Self Assessment process; Complete preliminary analysis; establish reporting schedule & meeting schedule for each team
- Overall goal is to review and complete 18 practices per month

# So What's Next? (2015)

- April 2015
  - Presents results of self assessment to Council
  - Set site visit date (dependent upon APWA availability; 90 to 120 days after completed self assessment)
- Projected Site APWA Visit - Summer 2015
- **30 days prior to site visit**
  - Verification that Outline of Self Assessment/Accreditation Findings have been conveyed to Elected Governing Body

# General Info

- Accreditation is good for 4 years
- Mid term reports are due two years after initial accreditation
- The department maintains the process on-going as a part of culture of continuous improvement, reviewing practices regularly
- No organization has yet to drop accreditation once achieved
- This is the ultimate team building experience

# Questions





# City of Rowlett

## Staff Report

4000 Main Street  
P.O. Box 99  
Rowlett, TX 75080-0099  
www.rowlett.com

**AGENDA DATE:** 01/07/14

**AGENDA ITEM:** 3C

### **TITLE**

Consider action to approve a resolution accepting the bid of and awarding a contract to Phillip/May Corporation in an amount not to exceed \$1,979,240.83 for the Downtown Improvement Project. (15 minutes)

### **STAFF REPRESENTATIVE**

Tim Rogers, Director of Infrastructure Services

Robbin Webber, Assistant Director of Infrastructure Services

### **SUMMARY**

The purpose of this item is to discuss accepting a bid from and awarding a contract to Phillip/May Corporation for the construction of the improvements for the Downtown Improvement Project. The scope of work includes landscaping and irrigation improvements along Main Street, Martin Drive, Coyle Street and Industrial Street. The project also includes the extension of Martin Drive from Coyle Street to Main Street through the Developmental Services Building parking lot and the creation of the Pedestrian Plaza where the Farmer's Market was formerly located. This connection is important for several reasons. This connection will provide a vital pedestrian and vehicular linkage to the heart of the downtown area, ensuring a strategic plan that is conducive to transit oriented development as well as providing a clear visual focal point for visitors arriving/leaving the DART station.

Awarding the bid to Phillip/May necessarily involves rejecting the bid of The Fain Group. Phillip/May was the lowest bidder for the total base bid amount but, when including the bid alternatives, becomes the second lowest bidder. Staff, however, recommends rejecting the bid of The Fain Group. The criteria used in the bidding process include satisfactory references as well as consideration of the bidder's prior experience with the City, if any. Reference checks of The Fain Group were not favorable. The Fain Group has previous experience with the City in performing a contract for certain Main Street improvements several years ago. There were serious construction disputes and The Fain Group sued the City, seeking damages of roughly \$200,000. Although the litigation was settled without attributing fault to either side, staff lacks the requisite confidence in its performance ability. Thus, if the bid of The Fain Group were rejected as not being responsive to the Invitation to Bid, Phillip/May becomes the lowest bidder.

### **BACKGROUND INFORMATION**

On April 14, 2005, the Regional Transportation Council approved \$40.61 million in grant funding for a Sustainable Development Call for Projects. The City of Rowlett submitted a Downtown Mixed Use Development Project for consideration by the North Central Texas Council of Governments (NCTCOG) and received \$1.6 million in grant funding. In 2009, the NCTCOG

reallocated \$2.5 million from a previously funded DART park and ride location at Dalrock Road and Interstate 30 to the Downtown Mixed Use Project, since it was no longer a viable project.

Due to the President George Bush Turnpike (PGBT) eastern extension construction, NCTCOG granted the City numerous extensions to use the funds. Staff requested an extension to allow for the completion of the Realize Rowlett 2020 downtown planning effort in order to ensure that any improvements made utilizing the grant funds would be in accordance with the proposed vision for downtown.

Per the previously approved Interlocal Agreement with NCTCOG, the subject grant funds can be used on the following eligible items, and only within City-owned right-of-way or easements – pedestrian amenities (sidewalks, cross walks, etc.), bicycle trails (construction of new/extended trails or connection to existing/planned trails, route signage, landscaping, lighting, egress from existing/planned trails), landscaping (installations of landscaping features along transportation facilities), bus transit (pedestrian shelters, pedestrian linkages to transit station, signage, passenger waiting areas, trash receptacles, landscaping), traffic signals (signal installation), intersection improvements, street construction (new construction, reconstruction or road realignments). The funds **cannot** be used on construction or rehab of private buildings, artwork, fountains, installation or rehab of water/sewer lines (with a few exceptions if it is necessary as part of the approved project element), parking garages, earthwork necessary to raise floodplain and other items not related directly to mobility.

The City Council has been briefed several times throughout this process. Most recently in October 2013, when staff reported that they had received approval from NCTCOG for the 90% completed plans and were ready to move forward with initiating the bid documents and commencing construction. At that time, staff and representatives from the consultant team provided the Council with an update of the finalized project elements and revised timeline for completion. Since that time, staff has been working on the bid process.

**DISCUSSION**

Notice to bidders was published in the Rowlett Lakeshore Times as well as posted on the City website on November 14 and 21, 2013. A Pre-Bid Meeting was not held. Sealed bids were received in the Purchasing Office until 2:00pm, December 10, 2013, and then publicly read aloud in the City Hall Conference Room, 4000 Main Street, Rowlett, Texas 75088 in accordance with Texas Local Government Code requirements.

A total of two bids were received by The Fain Group and Phillip/May Corporation (see attached Bid Tabulation Exhibit A). Phillip/May was the lowest bidder for the Total Base Bid. However, if the Alternative Bid is included, Phillip/May is the second lowest bidder. The difference between the low bidder and second bid is \$96,834.83 or 4.9 percent.

	<b>Low Base Bid</b>	<b>Total Base Bid</b>	<b>Low Alternate Bid</b>	<b>Alternate Bid</b>	<b>Low Total Bid</b>	<b>Total Bid</b>
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	<b>Low Base Bid</b>	<b>Total Base Bid</b>	<b>Low Alternate Bid</b>	<b>Alternate Bid</b>	<b>Low Total Bid</b>	<b>Total Bid</b>
The Fain Group		\$1,502,906.00	X	\$376,500.00	X	\$1,879,406.00
Phillip/May Corporation	X	\$1,464,170.83		\$512,070.00		\$1,976,240.83
<b>Difference in Bids</b>						\$96,834.83

The low bidder, The Fain Group, submitted qualification information as required by the project contract documents. However, based on reference checks and their previous performance on the City's Main Street project (which resulted in litigation by The Fain Group against the City), Staff recommends rejecting The Fain Group's bid and awarding the contract to Phillip/May.

Phillip/May Corporation financials were reviewed by the Director of Financial and Information Services, Alan Guard, and confirms the organization's financial stability and its ability to complete the project. Kimley-Horn and Associates, Incorporated and City staff reviewed the references and other qualification information submitted by the second low bidder, Phillip/May Corporation. The references are consistent and positive in nature to support the ability of Phillip/May Corporation to successfully complete the Downtown Improvement Project.

The project is a 150 calendar day project with an estimated completion of late June, 2014.

#### **FINANCIAL/BUDGET IMPLICATIONS**

Section 3.4.2 of the Contract Document has a provision to pay an early completion bonus of \$100.00 per day up to a maximum of \$3,000 and applying the maximum early completion bonus to the contract amount of \$1,976,240.83, yields a total project budget of \$1,979,240.83 to Phillip/May Corporation.

Funds are available for this project from the North Central Texas Council of Governments Grant as follows:

<b>Budget Account Number and/or Project Code</b>	<b>Account or Project Title</b>	<b>Budget Amount</b>	<b>Proposed Amount</b>
398-8201-524-80.01	SP2087 Downtown Transportation	\$1,856,005.76	\$1,856,005.76
407-8201-524-80.01	SP2087 Downtown Transportation	\$109,638.00	\$109,638.00
505-8201-524-80.01	SP2087 Downtown Transportation	\$395,001.36	\$13,597.07
<b>TOTAL</b>		<b>\$2,360,645.12</b>	<b>\$1,979,240.83</b>

#### **RECOMMENDED ACTION**

This discussion item is a precursor to companion item 7D on the Consent Agenda. Staff recommends discussing the rejection of the low bid of The Fain Group due to reference issues

and prior experience and accepting the bid and awarding the contract to the next lowest bidder, Phillip/May Corporation, in the amount of \$1,976,240.83 for the Downtown Improvement Project and up to, but not to exceed, \$1,979,240.83 for early completion prior to formally considering the item on consent.

### **ATTACHMENTS**

Attachment 1 – Bid Tabulation

Attachment 2 – Letter of Recommendation

CHECKED BY: *L. Nathan Ante*  
 L. Nathan Ante, P.E. 12/11/13

Owner: **City of Rowlett**  
 Job No.: **063923003**  
 Project: **Downtown Improvements**  
 Date: **December 10, 2013**

BIDDER 1	BIDDER 2
The Fain Group 1616 N. Sylvania Ave. Fort Worth, Texas 76111	Phillips/May Corporation 4861 Sharp Street Dallas, Texas 75247

Item No.	Item Description	Quantity	Unit	Unit Price	Item Cost	Unit Price	Item Cost
<b>Base Bid</b>							
<b>STREET CONSTRUCTION</b>							
1	MOBILIZATION	1	LS	\$186,000.00	\$186,000.00	\$50,488.00	\$50,488.00
2	GENERAL SITE PREPARATION	1	LS	\$26,000.00	\$26,000.00	\$109,980.00	\$109,980.00
3	CONCRETE/ASPHALT PAVEMENT REMOVAL	2,600	SY	\$16.00	\$41,600.00	\$10.53	\$27,378.00
4	CONCRETE SIDEWALK/PAVER REMOVAL	1,500	SY	\$16.00	\$24,000.00	\$21.28	\$31,920.00
5	VAULT REMOVAL	1	LS	\$950.00	\$950.00	\$1,170.00	\$1,170.00
6	REMOVE AND RELOCATE EXISTING AMENITIES	1	LS	\$1,800.00	\$1,800.00	\$1,170.00	\$1,170.00
7	PROJECT SIGN	2	EA	\$375.00	\$750.00	\$409.50	\$819.00
8	EARTHWORK	1	LS	\$38,000.00	\$38,000.00	\$1,170.00	\$1,170.00
9	TEMP EROSION AND SEDIMENT, AND WATER POLLUTION CONTROL (SWPPP)	1	LS	\$3,300.00	\$3,300.00	\$2,379.67	\$2,379.67
10	INLET PROTECTION	20	EA	\$68.00	\$1,360.00	\$128.70	\$2,574.00
11	SILT FENCE	1,000	LF	\$1.50	\$1,500.00	\$1.58	\$1,580.00
12	LIME TREATED SUBGRADE, 8" THICK	1,400	SY	\$4.00	\$5,600.00	\$4.98	\$6,972.00
13	HYDRATED LIME (45 LBS/SY)	32	TON	\$220.00	\$7,040.00	\$193.35	\$6,187.20
14	CONC PAVE, REINF, 8" CL P1/P2	1,200	SY	\$54.00	\$64,800.00	\$64.45	\$77,340.00
15	MONO 6" CONC CURB, 6" HIGH	1,100	LF	\$5.00	\$5,500.00	\$12.75	\$14,025.00
16	PAVERS ON CONCRETE BASE (VEHICULAR)	175	SY	\$102.00	\$17,850.00	\$56.87	\$9,952.25
17	REINF CONC STREET HEADER	800	LF	\$11.00	\$8,800.00	\$18.35	\$14,680.00
18	SAWCUT	1,300	LF	\$1.00	\$1,300.00	\$5.46	\$7,098.00
19	TRENCH SAFETY & EXCAV PROTECTION, STORM	15	LF	\$1.00	\$15.00	\$39.00	\$585.00
20	10' STANDARD CURB INLET	1	EA	\$2,500.00	\$2,500.00	\$3,767.80	\$3,767.80
21	REINF CONC PIPE, CL III, 18"	15	LF	\$100.00	\$1,500.00	\$84.28	\$1,264.20
22	TIE TO EXISTING STORM DRAIN SYSTEM	1	LS	\$950.00	\$950.00	\$3,159.00	\$3,159.00
23	5'X5' STD STORM DRAIN MANHOLE	1	EA	\$4,200.00	\$4,200.00	\$4,213.99	\$4,213.99
24	ADJUST STORM MANHOLE TO GRADE	4	EA	\$330.00	\$1,320.00	\$2,379.67	\$9,518.68
25	ADJUST EXISTING WATER VALVE TO GRADE	3	EA	\$350.00	\$1,050.00	\$585.00	\$1,755.00
26	1" WATER SERVICE FOR IRRIGATION	2	EA	\$6,200.00	\$12,400.00	\$1,872.00	\$3,744.00
27	ADJUST EXISTING SSMH TO GRADE	2	EA	\$330.00	\$660.00	\$2,379.67	\$4,759.34
28	TRAFFIC CONTROL	1	LS	\$25,000.00	\$25,000.00	\$2,340.00	\$2,340.00
29	FURNISH AND INSTALL SMALL ROADSIDE SIGN SUPPORTS & ASSY	1	LS	\$1,000.00	\$1,000.00	\$117.00	\$117.00
30	REFLECTIVE PAVE MRK TY 1, W, 4" SOLID	475	LF	\$1.50	\$712.50	\$1.41	\$669.75
31	REFLECTIVE PAVE MRK TY 1, W, 8" SOLID	60	LF	\$3.00	\$180.00	\$2.93	\$175.80
32	REFLECTIVE PAVE MRK TY 1, W, 12" SOLID	350	LF	\$5.00	\$1,750.00	\$4.39	\$1,536.50
33	REFLECTIVE PAVE MRK TY 1, W, 24" SOLID	46	LF	\$8.00	\$368.00	\$8.78	\$403.88
34	REFLECTIVE PAVE MRK TY 1, Y, 4" SLD	325	LF	\$1.50	\$487.50	\$1.47	\$477.75
35	STREET LIGHT FOUNDATION	4	EA	\$250.00	\$1,000.00	\$643.50	\$2,574.00
36	DECORATIVE LIGHT POLE, FIXTURE	4	EA	\$3,700.00	\$14,800.00	\$2,925.00	\$11,700.00
37	CONDT (PVC) (SCHD 40) (2")	370	LF	\$12.00	\$4,440.00	\$6.75	\$2,497.50
38	CONDT (PVC) (SCHD 40) (2") (BORE)	22	LF	\$20.00	\$440.00	\$14.38	\$316.36
39	ELEC CONDR (NO. 8) BARE	370	LF	\$1.00	\$370.00	\$0.86	\$318.20
40	ELEC CONDR (NO. 8) INSULATED	22	LF	\$2.00	\$44.00	\$1.11	\$24.42
41	GROUND BOX TY A (122311) W / APRON	4	EA	\$425.00	\$1,700.00	\$713.90	\$2,855.60
<b>PEDESTRIAN AMENITIES</b>							
42	CONC SW, REINF, 4" THICK, CL C	3,670	SY	\$55.00	\$201,850.00	\$44.85	\$164,599.50
43	BARRIER FREE RAMP & LANDING, CL C	19	EA	\$700.00	\$13,300.00	\$163.80	\$3,112.20
44	PAVERS ON CONCRETE BASE (PEDESTRIAN)	455	SY	\$100.00	\$45,500.00	\$55.81	\$25,393.55
45	DECOMPOSED GRANITE, 4" THICK	2,016	SY	\$22.00	\$44,352.00	\$17.55	\$35,380.80
46	PEDESTRAIN HANDRAIL	20	LF	\$100.00	\$2,000.00	\$54.54	\$1,090.80
47	CONCRETE STEPS	1	LS	\$350.00	\$350.00	\$819.00	\$819.00
<b>LANDSCAPING</b>							
48	CANOPY TREE (LIVE OAK) (65 GAL.)	2	EA	\$600.00	\$1,200.00	\$764.01	\$1,528.02
49	CANOPY TREE (CHINESE PISTACHE) (65 GAL.)	98	EA	\$560.00	\$54,880.00	\$764.01	\$74,872.98
50	CANOPY TREE (RED OAK) (65 GAL.)	17	EA	\$600.00	\$10,200.00	\$764.01	\$12,988.17
51	CANOPY TREE (DESERT WILLOW) (65 GAL.)	10	EA	\$615.00	\$6,150.00	\$764.01	\$7,640.10
52	ACCENT TREE (VITEX) (30 GAL.)	7	EA	\$290.00	\$2,030.00	\$764.01	\$5,348.07
53	ACCENT TREE (YAUPON HOLLY) (30 GAL.)	1	EA	\$300.00	\$300.00	\$764.01	\$764.01
54	SHRUB (CARISSA HOLLY) (3 GAL.)	285	EA	\$16.00	\$4,560.00	\$37.44	\$10,670.40
55	SHRUB (POPCORN DRIFT ROSE) (3 GAL.)	159	EA	\$18.00	\$2,862.00	\$37.44	\$5,952.96
56	SHRUB (HAMELN FOUNTAIN GRASS) (1 GAL.)	592	EA	\$7.00	\$4,144.00	\$12.87	\$7,619.04
57	SHRUB (KNOCK OUT ROSE) (3 GAL.)	342	EA	\$16.00	\$5,472.00	\$37.44	\$12,804.48
58	SHRUB (MEXICAN FEATHER GRASS) (1 GAL.)	34	EA	\$8.00	\$272.00	\$12.87	\$437.58
59	SHRUB (PURPLE SKULL CAP) (1 GAL.)	57	EA	\$9.00	\$513.00	\$12.87	\$733.59
60	SHRUB (WEEPING LOVE GRASS) (1 GAL.)	1,453	EA	\$6.00	\$8,718.00	\$12.87	\$18,700.11
61	SHRUB (RED YUCCA) (5 GAL.)	123	EA	\$28.00	\$3,444.00	\$37.44	\$4,605.12
62	SHRUB (DWARF YAUPON HOLLY) (3 GAL.)	178	EA	\$17.00	\$3,026.00	\$37.44	\$6,664.32
63	GARDEN (DAYLILY) (1 GAL.)	1,568	SF	\$6.00	\$9,408.00	\$12.87	\$20,180.16
64	GARDEN (NEW GOLD LANTANA) (1 GAL.)	763	SF	\$4.00	\$3,052.00	\$12.87	\$9,819.81
65	GARDEN (JAPANESE SPURGE) (1 GAL.)	1,337	SF	\$10.00	\$13,370.00	\$12.87	\$17,207.19
66	GROUND COVER (SEASONAL COLOR) (4" POT)	596	SF	\$2.00	\$1,192.00	\$2.11	\$1,257.56
67	GROUND COVER (LILY TURF) (1 GAL.)	1,032	SF	\$7.00	\$7,224.00	\$12.87	\$13,281.84
68	MULCH (3")	1,000	SY	\$9.00	\$9,000.00	\$74.88	\$74,880.00
69	TURF (BERMUDA SOD WITH 4" TOPSOIL)	25,000	SF	\$0.95	\$23,750.00	\$0.99	\$24,750.00
70	TURF (BERMUDA HYDROMULCH WITH 4" TOPSOIL)	25,000	SF	\$0.65	\$16,250.00	\$0.58	\$14,500.00
71	STEEL EDGING	200	LF	\$6.00	\$1,200.00	\$19.89	\$3,978.00
72	TREE GRATE (4'X4')	27	EA	\$1,300.00	\$35,100.00	\$1,415.70	\$38,223.90
73	TREE GRATE (6'X6')	48	EA	\$2,400.00	\$115,200.00	\$1,911.20	\$91,737.60
74	BRICK VENEER PLANTER WALL	2	EA	\$31,000.00	\$62,000.00	\$26,617.50	\$53,235.00
75	IRRIGATION SYSTEM (COMPLETE-IN-PLACE)	1	LS	\$78,000.00	\$78,000.00	\$73,738.08	\$73,738.08
<b>CONTINGENCY</b>							
78	CONTINGENCY AS DIRECTED BY OWNER	1	LS	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00
<b>Total Base Bid</b>					<b>\$1,502,906.00</b>	<b>\$1,464,170.83</b>	

<b>Bid Alternate</b>							
A1	FURNISH AND INSTALL SILVA CELL	21,000	CF	\$17.00	\$357,000.00	\$23.00	\$483,000.00
A2	REMOVAL AND REPLACEMENT OF EXISTING PAVEMENT FOR SILVA CELL INSTALLATION	300	SY	\$65.00	\$19,500.00	\$96.90	\$29,070.00
<b>Total Bid Alternate</b>					<b>\$376,500.00</b>	<b>\$512,070.00</b>	

<b>Total Base Bid + Bid Alternate</b>					<b>\$1,879,406.00</b>	<b>\$1,976,240.83</b>	
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December 23, 2013

*Via Email*

■  
Suite 275  
2201 West Royal Lane  
Irving, Texas  
75063-3206

Mr. Jim Proce  
Director of Public Works & Development  
City of Rowlett  
3901 Main Street  
Rowlett, TX 75088

Re: Downtown Improvements  
Bid Results  
Bid # 2014-20

Dear Jim:

On December 10, 2013, the City of Rowlett received bids for the Downtown Improvements project. The following two bids were received, and a detailed bid tabulation is attached for your review.

Contractor	Base Bid	Bid Alternate	Base Bid+Bid Alt
The Fain Group	\$1,502,906.00	\$376,500.00	\$1,879,406.00
Phillips/May Corporation	\$1,464,170.83	\$512,070.00	\$1,976,240.83

Kimley-Horn and Associates, Inc. has verified both Contractors' bonding companies are licensed in the State of Texas. Kimley-Horn also requested references, experience records, financial statements, and a tentative project schedule from each, and they were reviewed by City staff and Kimley-Horn, and references contacted.

After consideration of prior litigation with the City in 2007 relating to the previous Main Street project, and past performance-related issues, the City is rejecting The Fain Group's bid. Therefore, Phillips/May Corporation appears to be the lowest responsible bidder in the amount of \$1,976,240.83 (Base Bid+Bid Alt).

If you have any questions or comments, please let me know.

Very truly yours,

KIMLEY-HORN AND ASSOCIATES, INC.

A handwritten signature in blue ink that reads "L. Nathan Ante".

L. Nathan Ante, P.E.

LNA:jlj

Enclosure

K:\LAC\_Roadway\063923003\_Rowlett\_Downtown\ICCA\Rec Award Letter.doc

■  
TEL 214 420 5600  
FAX 214 420 5680

CHECKED BY: *L. Nathan Ante*  
L. Nathan Ante, P.E. 12/11/13

Owner: **City of Rowlett**  
Job No.: **063923003**  
Project: **Downtown Improvements**  
Date: **December 10, 2013**

BIDDER 1	BIDDER 2
The Fain Group 1616 N. Sylvania Ave. Fort Worth, Texas 76111	Phillips/May Corporation 4861 Sharp Street Dallas, Texas 75247

Item No.	Item Description	Quantity	Unit	Unit Price	Item Cost	Unit Price	Item Cost
<b>Base Bid</b>							
<b>STREET CONSTRUCTION</b>							
1	MOBILIZATION	1	LS	\$186,000.00	\$186,000.00	\$50,488.00	\$50,488.00
2	GENERAL SITE PREPARATION	1	LS	\$26,000.00	\$26,000.00	\$109,980.00	\$109,980.00
3	CONCRETE/ASPHALT PAVEMENT REMOVAL	2,600	SY	\$16.00	\$41,600.00	\$10.53	\$27,378.00
4	CONCRETE SIDEWALK/PAVER REMOVAL	1,500	SY	\$16.00	\$24,000.00	\$21.28	\$31,920.00
5	VAULT REMOVAL	1	LS	\$950.00	\$950.00	\$1,170.00	\$1,170.00
6	REMOVE AND RELOCATE EXISTING AMENITIES	1	LS	\$1,800.00	\$1,800.00	\$1,170.00	\$1,170.00
7	PROJECT SIGN	2	EA	\$375.00	\$750.00	\$409.50	\$819.00
8	EARTHWORK	1	LS	\$38,000.00	\$38,000.00	\$1,170.00	\$1,170.00
9	TEMP EROSION AND SEDIMENT, AND WATER POLLUTION CONTROL (SWPPP)	1	LS	\$3,300.00	\$3,300.00	\$2,379.67	\$2,379.67
10	INLET PROTECTION	20	EA	\$68.00	\$1,360.00	\$128.70	\$2,574.00
11	SILT FENCE	1,000	LF	\$1.50	\$1,500.00	\$1.58	\$1,580.00
12	LIME TREATED SUBGRADE, 8" THICK	1,400	SY	\$4.00	\$5,600.00	\$4.98	\$6,972.00
13	HYDRATED LIME (45 LBS/SY)	32	TON	\$220.00	\$7,040.00	\$193.35	\$6,187.20
14	CONC PAVE, REINF, 8" CL P1/P2	1,200	SY	\$54.00	\$64,800.00	\$64.45	\$77,340.00
15	MONO 6" CONC CURB, 6" HIGH	1,100	LF	\$5.00	\$5,500.00	\$12.75	\$14,025.00
16	PAVERS ON CONCRETE BASE (VEHICULAR)	175	SY	\$102.00	\$17,850.00	\$56.87	\$9,952.25
17	REINF CONC STREET HEADER	800	LF	\$11.00	\$8,800.00	\$18.35	\$14,680.00
18	SAWCUT	1,300	LF	\$1.00	\$1,300.00	\$5.46	\$7,098.00
19	TRENCH SAFETY & EXCAV PROTECTION, STORM	15	LF	\$1.00	\$15.00	\$39.00	\$585.00
20	10' STANDARD CURB INLET	1	EA	\$2,500.00	\$2,500.00	\$3,767.80	\$3,767.80
21	REINF CONC PIPE, CL III, 18"	15	LF	\$100.00	\$1,500.00	\$84.28	\$1,264.20
22	TIE TO EXISTING STORM DRAIN SYSTEM	1	LS	\$950.00	\$950.00	\$3,159.00	\$3,159.00
23	5'X5' STD STORM DRAIN MANHOLE	1	EA	\$4,200.00	\$4,200.00	\$4,213.99	\$4,213.99
24	ADJUST STORM MANHOLE TO GRADE	4	EA	\$330.00	\$1,320.00	\$2,379.67	\$9,518.68
25	ADJUST EXISTING WATER VALVE TO GRADE	3	EA	\$350.00	\$1,050.00	\$585.00	\$1,755.00
26	1" WATER SERVICE FOR IRRIGATION	2	EA	\$6,200.00	\$12,400.00	\$1,872.00	\$3,744.00
27	ADJUST EXISTING SSMH TO GRADE	2	EA	\$330.00	\$660.00	\$2,379.67	\$4,759.34
28	TRAFFIC CONTROL	1	LS	\$25,000.00	\$25,000.00	\$2,340.00	\$2,340.00
29	FURNISH AND INSTALL SMALL ROADSIDE SIGN SUPPORTS & ASSY	1	LS	\$1,000.00	\$1,000.00	\$117.00	\$117.00
30	REFLECTIVE PAVE MRK TY 1, W, 4" SOLID	475	LF	\$1.50	\$712.50	\$1.41	\$669.75
31	REFLECTIVE PAVE MRK TY 1, W, 8" SOLID	60	LF	\$3.00	\$180.00	\$2.93	\$175.80
32	REFLECTIVE PAVE MRK TY 1, W, 12" SOLID	350	LF	\$5.00	\$1,750.00	\$4.39	\$1,536.50
33	REFLECTIVE PAVE MRK TY 1, W, 24" SOLID	46	LF	\$8.00	\$368.00	\$8.78	\$403.88
34	REFLECTIVE PAVE MRK TY 1, Y, 4" SLD	325	LF	\$1.50	\$487.50	\$1.47	\$477.75
35	STREET LIGHT FOUNDATION	4	EA	\$250.00	\$1,000.00	\$643.50	\$2,574.00
36	DECORATIVE LIGHT POLE, FIXTURE	4	EA	\$3,700.00	\$14,800.00	\$2,925.00	\$11,700.00
37	CONDT (PVC) (SCHD 40) (2")	370	LF	\$12.00	\$4,440.00	\$6.75	\$2,497.50
38	CONDT (PVC) (SCHD 40) (2") (BORE)	22	LF	\$20.00	\$440.00	\$14.38	\$316.36
39	ELEC CONDR (NO. 8) BARE	370	LF	\$1.00	\$370.00	\$0.86	\$318.20
40	ELEC CONDR (NO. 8) INSULATED	22	LF	\$2.00	\$44.00	\$1.11	\$24.42
41	GROUND BOX TY A (122311) W / APRON	4	EA	\$425.00	\$1,700.00	\$713.90	\$2,855.60
<b>PEDESTRIAN AMENITIES</b>							
42	CONC SW, REINF, 4" THICK, CL C	3,670	SY	\$55.00	\$201,850.00	\$44.85	\$164,599.50
43	BARRIER FREE RAMP & LANDING, CL C	19	EA	\$700.00	\$13,300.00	\$163.80	\$3,112.20
44	PAVERS ON CONCRETE BASE (PEDESTRIAN)	455	SY	\$100.00	\$45,500.00	\$55.81	\$25,393.55
45	DECOMPOSED GRANITE, 4" THICK	2,016	SY	\$22.00	\$44,352.00	\$17.55	\$35,380.80
46	PEDESTRAIN HANDRAIL	20	LF	\$100.00	\$2,000.00	\$54.54	\$1,090.80
47	CONCRETE STEPS	1	LS	\$350.00	\$350.00	\$819.00	\$819.00
<b>LANDSCAPING</b>							
48	CANOPY TREE (LIVE OAK) (65 GAL.)	2	EA	\$600.00	\$1,200.00	\$764.01	\$1,528.02
49	CANOPY TREE (CHINESE PISTACHE) (65 GAL.)	98	EA	\$560.00	\$54,880.00	\$764.01	\$74,872.98
50	CANOPY TREE (RED OAK) (65 GAL.)	17	EA	\$600.00	\$10,200.00	\$764.01	\$12,988.17
51	CANOPY TREE (DESERT WILLOW) (65 GAL.)	10	EA	\$615.00	\$6,150.00	\$764.01	\$7,640.10
52	ACCENT TREE (VITEX) (30 GAL.)	7	EA	\$290.00	\$2,030.00	\$764.01	\$5,348.07
53	ACCENT TREE (YAUPON HOLLY) (30 GAL.)	1	EA	\$300.00	\$300.00	\$764.01	\$764.01
54	SHRUB (CARISSA HOLLY) (3 GAL.)	285	EA	\$16.00	\$4,560.00	\$37.44	\$10,670.40
55	SHRUB (POPCORN DRIFT ROSE) (3 GAL.)	159	EA	\$18.00	\$2,862.00	\$37.44	\$5,952.96
56	SHRUB (HAMELN FOUNTAIN GRASS) (1 GAL.)	592	EA	\$7.00	\$4,144.00	\$12.87	\$7,619.04
57	SHRUB (KNOCK OUT ROSE) (3 GAL.)	342	EA	\$16.00	\$5,472.00	\$37.44	\$12,804.48
58	SHRUB (MEXICAN FEATHER GRASS) (1 GAL.)	34	EA	\$8.00	\$272.00	\$12.87	\$437.58
59	SHRUB (PURPLE SKULL CAP) (1 GAL.)	57	EA	\$9.00	\$513.00	\$12.87	\$733.59
60	SHRUB (WEEPING LOVE GRASS) (1 GAL.)	1,453	EA	\$6.00	\$8,718.00	\$12.87	\$18,700.11
61	SHRUB (RED YUCCA) (5 GAL.)	123	EA	\$28.00	\$3,444.00	\$37.44	\$4,605.12
62	SHRUB (DWARF YAUPON HOLLY) (3 GAL.)	178	EA	\$17.00	\$3,026.00	\$37.44	\$6,664.32
63	GARDEN (DAYLILY) (1 GAL.)	1,568	SF	\$6.00	\$9,408.00	\$12.87	\$20,180.16
64	GARDEN (NEW GOLD LANTANA) (1 GAL.)	763	SF	\$4.00	\$3,052.00	\$12.87	\$9,819.81
65	GARDEN (JAPANESE SPURGE) (1 GAL.)	1,337	SF	\$10.00	\$13,370.00	\$12.87	\$17,207.19
66	GROUND COVER (SEASONAL COLOR) (4" POT)	596	SF	\$2.00	\$1,192.00	\$2.11	\$1,257.56
67	GROUND COVER (LILY TURF) (1 GAL.)	1,032	SF	\$7.00	\$7,224.00	\$12.87	\$13,281.84
68	MULCH (3")	1,000	SY	\$9.00	\$9,000.00	\$74.88	\$74,880.00
69	TURF (BERMUDA SOD WITH 4" TOPSOIL)	25,000	SF	\$0.95	\$23,750.00	\$0.99	\$24,750.00
70	TURF (BERMUDA HYDROMULCH WITH 4" TOPSOIL)	25,000	SF	\$0.65	\$16,250.00	\$0.58	\$14,500.00
71	STEEL EDGING	200	LF	\$6.00	\$1,200.00	\$19.89	\$3,978.00
72	TREE GRATE (4'X4')	27	EA	\$1,300.00	\$35,100.00	\$1,415.70	\$38,223.90
73	TREE GRATE (6'X6')	48	EA	\$2,400.00	\$115,200.00	\$1,911.20	\$91,737.60
74	BRICK VENEER PLANTER WALL	2	EA	\$31,000.00	\$62,000.00	\$26,617.50	\$53,235.00
75	IRRIGATION SYSTEM (COMPLETE-IN-PLACE)	1	LS	\$78,000.00	\$78,000.00	\$73,738.08	\$73,738.08
<b>CONTINGENCY</b>							
78	CONTINGENCY AS DIRECTED BY OWNER	1	LS	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00
<b>Total Base Bid</b>					<b>\$1,502,906.00</b>	<b>\$1,464,170.83</b>	

<b>Bid Alternate</b>							
A1	FURNISH AND INSTALL SILVA CELL	21,000	CF	\$17.00	\$357,000.00	\$23.00	\$483,000.00
A2	REMOVAL AND REPLACEMENT OF EXISTING PAVEMENT FOR SILVA CELL INSTALLATION	300	SY	\$65.00	\$19,500.00	\$96.90	\$29,070.00
<b>Total Bid Alternate</b>					<b>\$376,500.00</b>	<b>\$512,070.00</b>	

<b>Total Base Bid + Bid Alternate</b>					<b>\$1,879,406.00</b>	<b>\$1,976,240.83</b>	
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# City of Rowlett

## Staff Report

4000 Main Street  
P.O. Box 99  
Rowlett, TX 75080-0099  
www.rowlett.com

**AGENDA DATE:** 01/07/14

**AGENDA ITEM:** 5A

### **TITLE**

Hear presentation of the Monthly Financial report for the period ending November 30, 2013.

### **STAFF REPRESENTATIVE**

Alan Guard, Director of Financial and Information Services

### **SUMMARY**

Attached is the Comprehensive Monthly Financial Report for November, 2013, in accordance with the City Council's financial strategy to provide timely and accurate reporting. The fiscal year for the City of Rowlett is October 1 through September 30. Two months of FY2014, or 16.7 percent of the fiscal year is complete.

### **BACKGROUND INFORMATION**

The City of Rowlett Department of Financial Services is dedicated to excellence in local government, comprehensive fiscal management, compliance and reporting. The Comprehensive Monthly Finance Report (CMFR) is a unique document that is prepared each month and is directed at providing our audience (internal and external users), with important information about the City's financial position and operations.

### **DISCUSSION**

Attached is the Comprehensive Monthly Financial report for November 2013. Two months of FY2014, or 16.7 percent of the fiscal year is complete.

**Revenues:** Overall, the City has earned or received \$10.2 million for FY2014. This amount is 12.5 percent of the approved operating budget of \$81.4 million and is 2.1 percent more than forecast through the month of November.

- General Fund revenues are \$0.1 million or 3.3 percent higher than expected.
- Utility Fund revenues are \$33 thousand or 0.7 percent higher than expected.

**Expenditures:** Expenses totaled \$10.9 million year-to-date for FY2014. This amount is 13.2 percent of the approved operating budget of \$82.7 million and is 5.4 percent lower than forecast through the month of November.

- General Fund expenditures are \$0.5 million or 9.1 percent lower than expected.
- Utility Fund expenditures are \$0.1 million or 3.1 percent higher than expected.

**Surplus:** The net shortfall from operations through November is \$0.7 million which is \$0.8 million better than expected at this point in the year. The adopted operating budget for the fiscal year anticipates a total decrease of \$1.3 million.

**FINANCIAL/BUDGET IMPLICATIONS**

N/A

**RECOMMENDED ACTION**

Information only. The Comprehensive Monthly Financial Report – November 30, 2013 is attached to this agenda item as Attachment 1.

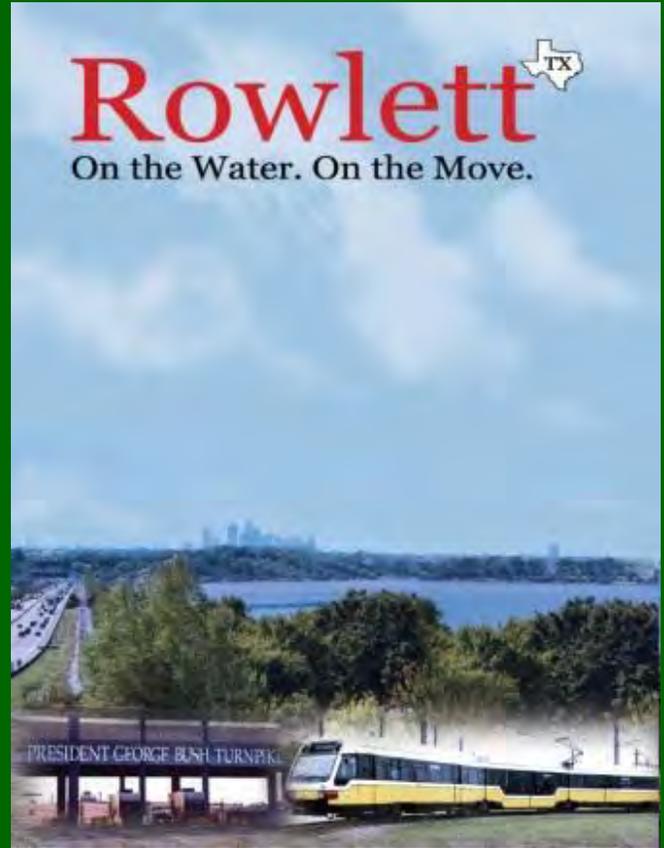
**ATTACHMENT**

Attachment 1 – Comprehensive Monthly Financial Report – November 30, 2013



# **Comprehensive Monthly Financial Report**

**November 2013**





# MONTHLY FINANCIAL REPORT

## PERFORMANCE AT A GLANCE

## OCTOBER 2013

	YEAR TO DATE	REFERENCE
ALL FUNDS SUMMARY	POSITIVE	Page 4
GENERAL FUND REV VS EXP	POSITIVE	Page 5
PROPERTY TAXES	POSITIVE	Page 5
SALES TAXES	WARNING	Page 6
FRANCHISE FEES	POSITIVE	Page 6
UTILITY FUND REV VS EXP	WARNING	Page 7
SEWER REVENUES	WARNING	Page 7
WATER REVENUES	POSITIVE	Page 8
WATER USAGE	NEGATIVE	Page 8
REFUSE FUND REV VS EXP	POSITIVE	Page 9
DRAINAGE FUND REV VS EXP	POSITIVE	Page 9
DEBT SERVICE FUND REV VS EXP	POSITIVE	Page 10
EMPLOYEE BENEFITS REV VS EXP	POSITIVE	Page 10

### PERFORMANCE INDICATORS

**POSITIVE** = Positive variance or negative variance < 1% compared to seasonal trends.

**WARNING** = Negative variance of 1-5% compared to seasonal trends

**NEGATIVE** = Negative variance of >5% compared to seasonal trends.



## ECONOMIC INDICATORS

## NOVEMBER 30, 2013 – NEWS FOR YOU

### ECONOMY

#### National GDP:

GDP - the output of goods and services produced by labor and property located in the US – increased at a rate of 3.6% in the 3rd quarter of 2013 after increasing 2.5% in the 2nd quarter of 2013 as reported by the Bureau of Economic Analysis. The increase reflected a notable increase in inventory investment. Imports also increased as did state and local government spending.

#### Texas Retail Sales:

Texas retail sales totaled \$39.6 billion for the month of September, an increase of \$0.8 billion (2.1%) over September 2012.

#### Texas Leading Index:

The Texas Leading Index is a single summary statistic that sheds light on the future of the state's economy. The index is a composite of eight leading indicators—those that tend to change direction before the overall economy. The index increased 0.6% between the months of August and September.

### UNEMPLOYMENT

#### National Unemployment:

The national unemployment rate decreased from 7.3% in October to 7.0% in September.

#### State-Wide:

The Texas unemployment rate for Oct, 2013 was 6.2%, 0.1% less than September, 2013.

#### Rowlett:

The City of Rowlett unemployment rate for October, 2013 was 5.8%, flat from September, 2013. Note – city unemployment rates are not seasonally adjusted.

Attached is the Comprehensive Monthly Financial report for November 2013. Two months of FY 2014, or 16.7% of the fiscal year is complete.

**Revenues:** Overall, the City has earned or received \$10.2 million for FY 2014. This amount is 12.5% of the approved operating budget of \$81.4 million and is 2.1% more than forecast through the month of November.

- General Fund revenues are \$0.1 million or 3.3% higher than expected.
- Utility Fund revenues are \$33 thousand or 0.7% higher than expected.

**Expenditures:** Expenses totaled \$10.9 million year-to-date for FY 2014. This amount is 13.2% of the approved operating budget of \$82.7 million and is 5.4% lower than forecast through the month of November.

- General Fund expenditures are \$0.5 million or 9.1% lower than expected.
- Utility Fund expenditures are \$0.1 million or 3.1% higher than expected.

**Surplus:** The net shortfall from operations through November is \$0.7 million which is \$0.8 million better than expected at this point in the year. The adopted operating budget for the fiscal year anticipates a total decrease of \$1.3 million.

### NOTEWORTHY

#### **STAGE 3 WATER RESTRICTIONS EXTENDED THROUGH**

#### **MARCH 31, 2014**

The North Texas Municipal Water District (NTMWD) Board of Directors has unanimously voted to remain in Stage 3 of the NTMWD Water Conservation and Drought Contingency and Water Emergency Response Plan. Continuation of Stage 3 water restrictions is necessary due to below average rainfall, declining water levels of NTMWD reservoirs and the ongoing prohibition of pumping water from Lake Texoma due to the zebra mussel infestation.



CITY OF ROWLETT, TEXAS  
FINANCIAL STATUS DASHBOARD  
November 30, 2013

BUDGET SUMMARY OF ALL FUNDS FY2014

	2014 <u>Budget</u>	2014 <u>Forecast</u>	2014 <u>Year-to-Date</u>	<u>Variance</u>
Beginning Reserves	\$ 16,862,505	\$ 16,862,505	\$ 16,862,505	0.0%
<b>Revenues:</b>				
General	33,671,772	3,055,639	3,156,313	3.3%
Water & sewer	27,531,543	4,585,002	4,618,376	0.7%
Debt service	8,246,662	445,437	518,911	16.5%
Drainage	1,346,939	224,385	221,084	-1.5%
Refuse	4,835,889	805,416	789,830	-1.9%
Employee health benefits	4,095,123	682,521	691,418	1.3%
Impact fees	44,357	5,861	62,887	973.0%
Police seizure	100,550	16,758	14,807	-11.6%
Economic development	316,694	52,782	53,004	0.4%
Innovations	-	-	577	0.0%
Hotel/motel tax	47,752	7,879	7,874	-0.1%
P.E.G.	85,042	-	77	0.0%
Grants	41,838	3,487	9,227	164.6%
Community Development Block Grant	191,254	31,876	6,376	-80.0%
Inspection Fees Fund	169,333	28,222	-	-100.0%
Juvenile diversion	33,281	5,547	5,195	-6.3%
Court technology	26,936	4,489	4,269	-4.9%
Court security	20,035	3,339	2,986	-10.6%
Golf course	601,728	20	882	4299.0%
<b>Total Revenues</b>	<b>\$ 81,406,728</b>	<b>\$ 9,958,661</b>	<b>\$ 10,164,093</b>	<b>2.1%</b>
<b>Expenses:</b>				
General	35,001,079	5,815,175	5,287,824	-9.1%
Water & sewer	27,403,823	3,708,629	3,823,462	3.1%
Debt service	8,246,662	124,341	144,195	16.0%
Drainage	1,303,580	147,830	124,596	-15.7%
Refuse	4,778,613	800,437	783,713	-2.1%
Employee health benefits	4,070,097	678,350	531,270	-21.7%
Impact fees	30,000	5,000	-	-100.0%
Police seizure	100,550	16,758	95,919	472.4%
Economic development	355,588	56,443	42,933	-23.9%
Innovations	224,605	37,434	-	-100.0%
Hotel/motel tax	42,749	7,125	-	-100.0%
P.E.G.	71,811	11,048	9,971	-9.7%
Grants	41,838	3,487	9,227	164.6%
Community Development Block Grant	191,254	31,876	6,376	-80.0%
Inspection Fees Fund	146,144	24,357	-	-100.0%
Juvenile diversion	33,210	5,535	4,193	-24.2%
Court technology	29,145	4,858	18,344	277.6%
Court security	24,102	4,017	5,541	37.9%
Golf course	601,728	30,426	-	-100.0%
<b>Total Expenses</b>	<b>\$ 82,696,578</b>	<b>\$ 11,513,125</b>	<b>\$ 10,887,565</b>	<b>-5.4%</b>
<b>Current Year</b>				
<b>Surplus/(Shortfall)</b>	<b>\$ (1,289,850)</b>	<b>\$ (1,554,464)</b>	<b>\$ (723,471)</b>	<b>-146.5%</b>
<b>Ending Reserves</b>	<b>\$ 15,572,655</b>	<b>\$ 15,308,041</b>	<b>\$ 16,139,034</b>	<b>5.4%</b>

Positive
Warning
Negative

Positive variance or negative variance <1% compared to forecast  
Negative variance between 1%-5% compared to forecast  
Negative variance >5% compared to forecast



**CITY OF ROWLETT, TEXAS  
FINANCIAL STATUS DASHBOARD  
November 30, 2013**

**OVERALL FUND PERFORMANCE**

**GENERAL FUND REVENUES VS EXPENSES FY2014**

Month	2014 Revenue	2014 Expenses	Monthly Variance
Oct	1,600,503	2,235,034	\$ (634,531)
Nov	1,555,810	3,052,790	(1,496,980)
Dec	-	-	-
Jan	-	-	-
Feb	-	-	-
Mar	-	-	-
Apr	-	-	-
May	-	-	-
Jun	-	-	-
Jul	-	-	-
Aug	-	-	-
Sep	-	-	-
<b>Total</b>	<b>\$ 3,156,313</b>	<b>\$ 5,287,824</b>	<b>\$ (2,131,511)</b>
<b>Cumulative Forecast</b>	<b>\$ 3,055,639</b>	<b>\$ 5,815,175</b>	<b>\$ (2,759,536)</b>
<b>Actual to Forecast \$</b>	<b>\$ 100,674</b>	<b>\$ (527,352)</b>	<b>\$ 628,025</b>
<b>Actual to Forecast %</b>	<b>3.3%</b>	<b>-9.1%</b>	



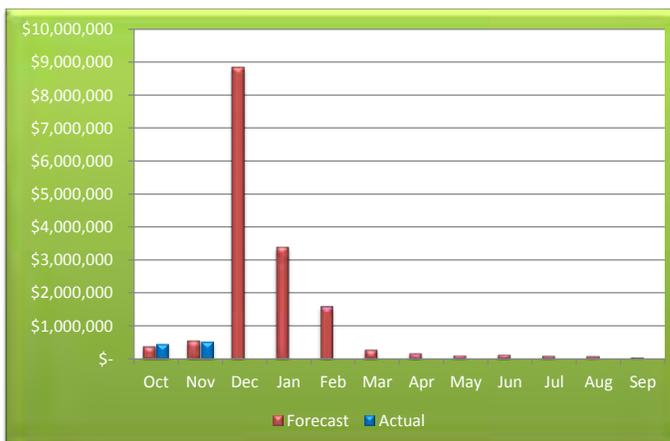
**Positive**

Cumulatively overall, the General Fund is better than forecasted for this time of the year, with revenues exceeding the forecast by 3.3% and expenses 9.1% lower than forecasted. These differences are primarily due to higher than expected fees and charges, vacancy savings and lower than expected supplies expenses.

**REVENUE ANALYSIS**

**PROPERTY TAXES FY2014**

Month	2014 Forecast	2014 Actual	Monthly Variance
Oct	\$ 388,488	\$ 460,233	\$ 71,745
Nov	561,872	531,720	(30,152)
Dec	8,847,877	-	-
Jan	3,403,794	-	-
Feb	1,608,725	-	-
Mar	290,844	-	-
Apr	184,755	-	-
May	117,901	-	-
Jun	140,464	-	-
Jul	102,440	-	-
Aug	89,645	-	-
Sep	50,372	-	-
<b>Total</b>	<b>\$ 15,787,177</b>	<b>\$ 991,952</b>	<b>\$ 41,592</b>
<b>Actual to Forecast</b>			<b>4.4%</b>



**Positive**

Property taxes represents nearly 50% of the total General Fund revenue budget and serves as the primary funding source for the general government. Property taxes are generally collected in December of each year. Cumulatively overall, property tax revenues are 4.4% higher than forecasted for this time of the year.



**CITY OF ROWLETT, TEXAS  
FINANCIAL STATUS DASHBOARD  
November 30, 2013**

**REVENUE ANALYSIS**

**SALES TAXES FY2014**

<u>Month</u>	<u>2014 Forecast</u>	<u>2014 Actual</u>	<u>Monthly Variance</u>
Oct	\$ 459,941	\$ 427,851	\$ (32,090)
Nov	394,348	394,348	-
Dec	558,732		
Jan	389,630		
Feb	361,544		
Mar	485,196		
Apr	416,016		
May	417,960		
Jun	557,046		
Jul	410,975		
Aug	434,864		
Sep	526,923		
<b>Total</b>	<b>\$ 5,413,175</b>	<b>\$ 822,199</b>	<b>\$ (32,090)</b>
<i>Actual to Forecast</i>			-3.8%



**Warning**

Sales tax is an important indicator of financial health for the Rowlett community. Sales taxes are collected by the State Comptroller and are recorded two months later. The sales taxes reported here for October are 7% below projected. Sales taxes for November are an estimate.

**REVENUE ANALYSIS**

**FRANCHISE FEES FY2014**

<u>Month</u>	<u>2014 Forecast</u>	<u>2014 Actual</u>	<u>Monthly Variance</u>
Oct	\$ -	\$ -	\$ -
Nov	-	-	-
Dec	652,928		
Jan	-		
Feb	333,775		
Mar	642,098		
Apr	-		
May	-		
Jun	528,568		
Jul	-		
Aug	-		
Sep	852,633		
<b>Total</b>	<b>\$ 3,010,000</b>	<b>\$ -</b>	<b>\$ -</b>
<i>Actual to Forecast</i>			



**Positive**

Franchise fees represents nearly 10% of the total General Fund budget and include electric, gas, cable and telecommunications. Most fees are paid quarterly with natural gas being paid yearly in February. No franchise payments are expected until December.



**CITY OF ROWLETT, TEXAS  
FINANCIAL STATUS DASHBOARD  
November 30, 2013**

**OVERALL FUND PERFORMANCE**

**UTILITY FUND REVENUES VS EXPENSES FY2014**

<u>Month</u>	<u>2014 Revenue</u>	<u>2014 Expenses</u>	<u>Monthly Variance</u>
Oct	\$ 2,506,570	\$ 1,769,999	\$ 736,571
Nov	2,111,806	2,053,463	58,343
Dec	-	-	-
Jan	-	-	-
Feb	-	-	-
Mar	-	-	-
Apr	-	-	-
May	-	-	-
Jun	-	-	-
Jul	-	-	-
Aug	-	-	-
Sep	-	-	-
<b>Total</b>	<b>\$ 4,618,376</b>	<b>\$ 3,823,462</b>	<b>\$ 794,914</b>
<b>Cumulative Forecast</b>	<b>\$ 4,585,002</b>	<b>\$ 3,708,629</b>	<b>\$ 876,373</b>
<b>Actual to Forecast \$</b>	<b>\$ 33,374</b>	<b>\$ 114,833</b>	<b>\$ (81,459)</b>
<b>Actual to Forecast</b>	<b>0.7%</b>	<b>3.1%</b>	



**Warning**

Utility fund revenues are 0.7% higher than forecast, and expenses are 3.1% higher. These differences are primarily due to higher than expected water purchases and sewer treatment costs net vacancy savings and lower than expected supply costs.

**REVENUE ANALYSIS**

**SEWER REVENUES FY2014**

<u>Month</u>	<u>2014 Forecast</u>	<u>2014 Actual</u>	<u>Monthly Variance</u>
Oct	\$ 919,553	\$ 950,609	\$ 31,056
Nov	907,875	832,809	(75,066)
Dec	942,658	-	-
Jan	738,313	-	-
Feb	750,346	-	-
Mar	837,264	-	-
Apr	847,397	-	-
May	886,960	-	-
Jun	884,119	-	-
Jul	1,006,135	-	-
Aug	1,014,318	-	-
Sep	1,058,609	-	-
<b>Total</b>	<b>\$ 10,793,547</b>	<b>\$ 1,783,418</b>	<b>\$ (44,010)</b>
<b>Actual to Forecast</b>			<b>-2.4%</b>



**Warning**

Sewer sales represent over 40% of the Utility Fund budget and cover the cost of sewer treatment paid to City of Garland. Cumulatively overall, sewer revenues are 2.4% lower than forecasted for this time of year.

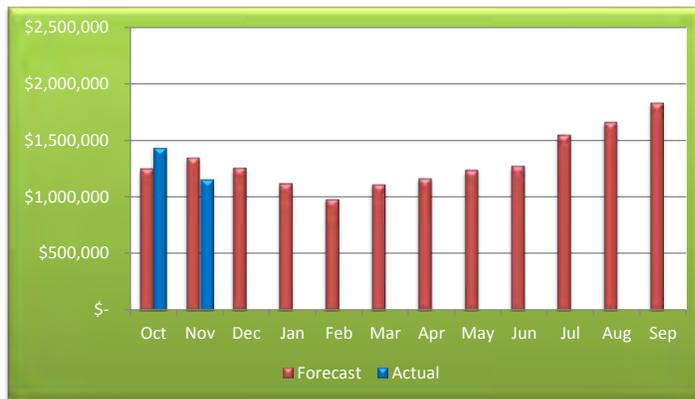


**CITY OF ROWLETT, TEXAS  
FINANCIAL STATUS DASHBOARD  
November 30, 2013**

**REVENUE ANALYSIS**

**WATER REVENUES FY2014**

<u>Month</u>	<u>2014 Forecast</u>	<u>2014 Actual</u>	<u>Monthly Variance</u>
Oct	\$ 1,256,608	\$ 1,432,250	\$ 175,642
Nov	1,350,960	1,153,189	(197,771)
Dec	1,260,545		
Jan	1,121,060		
Feb	983,482		
Mar	1,114,506		
Apr	1,167,772		
May	1,239,689		
Jun	1,278,088		
Jul	1,552,096		
Aug	1,663,331		
Sep	1,831,139		
<b>Total</b>	<b>\$ 15,819,276</b>	<b>\$ 2,585,439</b>	<b>\$ (22,129)</b>
<i>Actual to Forecast</i>			<i>-0.8%</i>



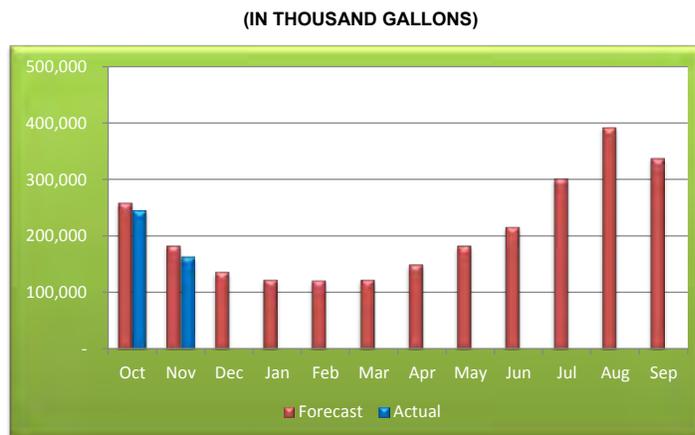
Positive

Water sales represent just over 50% of the total Utility Fund budget and cover the cost of water acquisition from the North Texas Municipal Water District. Water revenues are 0.8% less than forecasted for this time of year.

**REVENUE ANALYSIS**

**WATER USAGE FY2014**

<u>Month</u>	<u>2014 Forecast</u>	<u>2014 Actual</u>	<u>Monthly Variance</u>
Oct	259,455	244,924	(14,531)
Nov	183,154	163,192	(19,962)
Dec	137,185		
Jan	123,269		
Feb	121,904		
Mar	123,297		
Apr	149,889		
May	182,800		
Jun	216,668		
Jul	302,232		
Aug	392,638		
Sep	337,845		
<b>Total</b>	<b>2,530,336</b>	<b>408,116</b>	<b>(34,493)</b>
<i>Actual to Forecast</i>			<i>-7.8%</i>



Negative

The City purchases its water from the North Texas Municipal Water District. Customer usage is 7.8% lower than forecasted for this time of the year. The contract with NTMWD requires the City to pay for a minimum of 3.2 billion gallons of water per year.



**CITY OF ROWLETT, TEXAS  
FINANCIAL STATUS DASHBOARD  
November 30, 2013**

**OVERALL FUND PERFORMANCE**

**REFUSE FUND REVENUES VS EXPENSES FY2014**

<u>Month</u>	<u>2014 Revenue</u>	<u>2014 Expenses</u>	<u>Monthly Variance</u>
Oct	\$ 393,619	\$ 395,068	\$ (1,449)
Nov	396,211	388,645	7,567
Dec			-
Jan			-
Feb			-
Mar			-
Apr			-
May			-
Jun			-
Jul			-
Aug			-
Sep			-
<b>Total</b>	<b>\$ 789,830</b>	<b>\$ 783,713</b>	<b>\$ 6,118</b>
<b>Cumulative Forecast</b>	<b>\$ 805,416</b>	<b>\$ 800,437</b>	<b>\$ 4,979</b>
<b>Actual to Forecast \$</b>	<b>\$ (15,586)</b>	<b>\$ (16,724)</b>	<b>\$ 1,138</b>
<b>Actual to Forecast</b>	<b>-1.9%</b>	<b>-2.1%</b>	



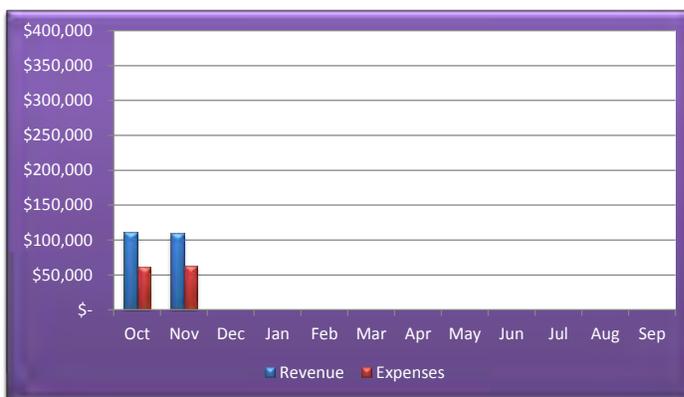
Positive

The Refuse Fund accounts for monies collected from customers on their utility bills and remitted to our solid waste provider. Revenues are currently 1.9% lower than forecasted, and expenses are 2.1% lower than forecasted.

**OVERALL FUND PERFORMANCE**

**DRAINAGE FUND REVENUES VS EXPENSES FY2014**

<u>Month</u>	<u>2014 Revenue</u>	<u>2014 Expenses</u>	<u>Monthly Variance</u>
Oct	\$ 111,003	\$ 61,084	\$ 49,919
Nov	110,081	63,512	46,569
Dec			-
Jan			-
Feb			-
Mar			-
Apr			-
May			-
Jun			-
Jul			-
Aug			-
Sep			-
<b>Total</b>	<b>\$ 221,084</b>	<b>\$ 124,596</b>	<b>\$ 96,488</b>
<b>Cumulative Forecast</b>	<b>\$ 224,385</b>	<b>\$ 147,830</b>	<b>\$ 76,555</b>
<b>Actual to Forecast \$</b>	<b>\$ (3,301)</b>	<b>\$ (23,234)</b>	<b>\$ 19,933</b>
<b>Actual to Forecast</b>	<b>-1.5%</b>	<b>-15.7%</b>	



Positive

The Drainage Fund accounts for monies collected from customers on their utility bills for the municipal drainage system. Cumulatively overall, the fund is better than forecasted for this time of the year, with revenues 1.5% lower than forecasted but expenses 15.7% lower than forecasted.



**CITY OF ROWLETT, TEXAS  
FINANCIAL STATUS DASHBOARD  
November 30, 2013**

**OVERALL FUND PERFORMANCE**

**DEBT SERVICE FUND REVENUES VS EXPENSES FY2013**

<u>Month</u>	<u>2014 Revenue</u>	<u>2014 Expenses</u>	<u>Monthly Variance</u>
Oct	\$ 242,680	\$ 13,921	\$ 228,759
Nov	276,231	130,274	145,957
Dec	-	-	-
Jan	-	-	-
Feb	-	-	-
Mar	-	-	-
Apr	-	-	-
May	-	-	-
Jun	-	-	-
Jul	-	-	-
Aug	-	-	-
Sep	-	-	-
<b>Total</b>	<b>\$ 518,911</b>	<b>\$ 144,195</b>	<b>\$ 374,715</b>
<b>Cumulative Forecast</b>	<b>\$ 445,437</b>	<b>\$ 124,341</b>	<b>\$ 321,096</b>
<b>Actual to Forecast \$</b>	<b>\$ 73,474</b>	<b>\$ 19,854</b>	<b>\$ 53,619</b>
<b>Actual to Forecast</b>	<b>16.5%</b>	<b>16.0%</b>	



Positive

General Debt Service Fund is used to pay principal and interest on tax-supported debt. Overall, the fund is better than forecasted, with revenues 16.5% higher than projected and expenses 16.0% higher than expected. The fund makes semi-annual debt payments in February and August.

**OVERALL FUND PERFORMANCE**

**EMPLOYEE HEALTH BENEFITS FUND REVENUES VS EXPENSES FY2013**

<u>Month</u>	<u>2014 Revenue</u>	<u>2014 Expenses</u>	<u>Monthly Variance</u>
Oct	\$ 377,939	\$ 348,484	\$ 29,455
Nov	313,479	182,787	130,692
Dec	-	-	-
Jan	-	-	-
Feb	-	-	-
Mar	-	-	-
Apr	-	-	-
May	-	-	-
Jun	-	-	-
Jul	-	-	-
Aug	-	-	-
Sep	-	-	-
<b>Total</b>	<b>\$ 691,418</b>	<b>\$ 531,270</b>	<b>\$ 160,147</b>
<b>Cumulative Forecast</b>	<b>\$ 682,521</b>	<b>\$ 678,350</b>	<b>\$ 4,171</b>
<b>Actual to Forecast \$</b>	<b>\$ 8,897</b>	<b>\$ (147,079)</b>	<b>\$ 155,976</b>
<b>Actual to Forecast</b>	<b>1.3%</b>	<b>-21.7%</b>	



Positive

Employee Health Benefits Fund accounts for all health related claims paid from the City's partial self-insured fund. Overall, revenues are 1.3% higher than forecasted and expenses are 21.7% lower than forecasted. Expenses are lower than forecasted due to lower than expected claims.



**City of Rowlett**  
**Staff Report**

4000 Main Street  
P.O. Box 99  
Rowlett, TX 75080-0099  
[www.rowlett.com](http://www.rowlett.com)

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**AGENDA DATE:** 01/07/14

**AGENDA ITEM:** 5B

**TITLE**

Update from the City Council and Management: Financial Position, Major Projects, Operational Issues, Upcoming Dates of Interest and Items of Community Interests.

**STAFF REPRESENTATIVE**

Brian Funderburk, City Manager



**City of Rowlett**  
**Staff Report**

4000 Main Street  
P.O. Box 99  
Rowlett, TX 75080-0099  
www.rowlett.com

**AGENDA DATE:** 01/07/14

**AGENDA ITEM:** 7A

**TITLE**

Consider action to approve minutes from the December 10, 2013, City Council Special Meeting and the December 17, 2013, City Council Meeting.

**STAFF REPRESENTATIVE**

Laura Hallmark, City Secretary

**SUMMARY**

Section 551.021 of the Government Code provides as follows:

- (a) A governmental body shall prepare and keep minutes or make a tape recording of each open meeting of the body.
- (b) The minutes must:
  - (1) state the subject of each deliberation; and
  - (2) indicate each vote, order, decisions or other action taken.

**BACKGROUND INFORMATION**

N/A

**DISCUSSION**

N/A

**FINANCIAL/BUDGET IMPLICATIONS**

N/A

**RECOMMENDED ACTION**

Move to approve, amend or correct the minutes from the December 10, 2013, City Council Special Meeting and the December 17, 2013, City Council Meeting.

**ATTACHMENTS**

- 12-10-13 City Council Special Meeting minutes
- 12-17-13 City Council Meeting minutes



# City of Rowlett

## Special Meeting Minutes

### City Council

4000 Main Street  
Rowlett, TX 75088  
www.rowlett.com

*City of Rowlett City Council meetings are available to all persons regardless of disability. If you require special assistance, please contact the City Secretary at 972-412-6115 or write 4000 Main Street, Rowlett, Texas, 75088, at least 48 hours in advance of the meeting.*

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Tuesday, December 10, 2013

6:15 P.M.

Municipal Building – 4000 Main Street

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**5:00 – 6:00 p.m. Council will participate in the Tree Lighting Ceremony held on the Rowlett Public Library Lawn.**

As authorized by Section 551.071 of the Texas Government Code, this meeting may be convened into closed Executive Session for the purpose of seeking confidential legal advice from the City Attorney on any agenda item herein.

The City of Rowlett reserves the right to reconvene, recess or realign the Regular Session or called Executive Session or order of business at any time prior to adjournment.

**Present: Mayor Gottel, Mayor Pro Tem Kilgore, Deputy Mayor Pro Tem Gallops, Councilmember Pankratz, Councilmember Dana-Bashian, and Councilmember Bobbitt**

**Absent: Councilmember Phillips**

**1. CALL TO ORDER**

Mayor Gottel called the meeting to order at 6:15 p.m.

**2. WORK SESSION ITEMS**

**2A. Update on the “Rowlett. My Community. My Money. My Choice” Campaign. (45 minutes)**

City Manager Brian Funderburk provided a review and background on the My Community, My Money, My Choice 2011 campaign including educating the public on what each department did, optional services, important facts about each department and the City, asked attendees a series of questions regarding the services provided and the impression of the tax rate and he provided a time frame for the upcoming campaign.

Council discussion regarding the importance of stressing the point of nine straight years of the same tax rate, possible ramifications of the timeline concurrent with the City election campaign, stressing the importance of the educational component, and clarification of the senior tax freeze.

Further discussion regarding the importance of transparency for the process, addressing upcoming development and outlook three to five years down the road, desired service levels and their associated costs, and reinforcing the importance of educating the citizens.

**2B.** Discuss Town Hall Meeting. (45 minutes)

Mr. Funderburk provided information on how Town Hall Meetings have been conducted in the past. Council discussion regarding the desired format and content and previous attendance.

**3. EXECUTIVE SESSION ITEM**

**3A.** The City Council shall convene into Executive Session pursuant to the Texas Government Code §551.074, Personnel, and §551.071, Consultation with Attorney, to deliberate the duties of the city manager. (90 minutes)

After a short break at 7:23 p.m., Council convened in Executive Session at 7:29 p.m.  
Out of Executive Session at 9:04 p.m.

**TAKE ANY NECESSARY OR APPROPRIATE ACTION ON CLOSED/EXECUTIVE SESSION MATTERS**

**4. ADJOURN**

There being no further business and no further action taken, the meeting adjourned at 9:04 p.m.



# City of Rowlett

## Meeting Minutes

### City Council

4000 Main Street  
Rowlett, TX 75088  
www.rowlett.com

*City of Rowlett City Council meetings are available to all persons regardless of disability. If you require special assistance, please contact the City Secretary at 972-412-6115 or write 4000 Main Street, Rowlett, Texas, 75088, at least 48 hours in advance of the meeting.*

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Tuesday, December 17, 2013

5:45 P.M.

Municipal Building – 4000 Main Street

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As authorized by Section 551.071 of the Texas Government Code, this meeting may be convened into closed Executive Session for the purpose of seeking confidential legal advice from the City Attorney on any agenda item herein.

The City of Rowlett reserves the right to reconvene, recess or realign the Regular Session or called Executive Session or order of business at any time prior to adjournment.

**Present:** Mayor Gottel, Mayor Pro Tem Kilgore, Councilmember Bobbitt, Councilmember Dana-Bashian, and Councilmember Pankratz

**Absent:** Deputy Mayor Pro Tem Gallops, Councilmember Phillips

#### 1. CALL TO ORDER

Mayor Gottel called the meeting to order at 5:45 p.m.

#### 2. EXECUTIVE SESSION

- 2A.** The City Council shall convene into Executive Session pursuant to Texas Government Code, §551.087 (Economic Development) and §551.071 (Consultation with Attorney) to receive legal advice from the City Attorney and to discuss and deliberate the offer of financial or other incentives and to discuss commercial information regarding business prospects involving the Rowlett Chamber Foundation for property located at 3840 Main Street. (30 minutes) NOTE: THIS ITEM WILL BE DISCUSSED AFTER THE CITY COUNCIL MEETING

In Executive Session at 9:55 p.m. Out at 10:32 p.m.

#### 3. WORK SESSION ITEMS (5:45 P.M.)\* Times listed are approximate

- 3A.** Update on Downtown RFQ - Developer Recommendation from Downtown Advisory Committee (45 minutes)

Jim Grabenhorst, Economic Development Director, along with consultant Chris Coble, provided background information on the Downtown process over the years, development of downtown, DART light rail and development/planning for City-owned property. They further explained the RFQ process and the proactive approach that was taken in regards to meeting with developers and reviewed the process of the Downtown Advisory Committee and the scoring of the RFQs that were received.

Paris Rutherford, of Catalyst Urban Development, provided background information on the entities comprising the recommended group, which includes: Integral, Catalyst Urban Development, JHP Architecture, and Urban Engineers Group, Inc.

**3B.** Discuss proposed change to Animal Abandonment Ordinance. (15 minutes)

Joe Tilger, Health Official, and Jeff Ochsner, Manager of Animal Services provided background information on the recommendation made in order to facilitate enforcement of the ordinance. Council discussion regarding the time frame and limitation as well as the clarification of “intentional” and “knowledge”. Staff will take Council’s suggestions and bring the item back for consideration at a later date.

**3C.** Discuss Impact Fee Rates. (30 minutes)

Due to the time, Erin Jones, Director of Development Services, will make this presentation during the slated Individual Consideration item.

**4. DISCUSS CONSENT AGENDA ITEMS**

After a short break at 7:24 p.m., Council reconvened at 7:36 p.m.

**CONVENE INTO THE COUNCIL CHAMBERS (7:30 P.M.)**

**INVOCATION** – Pastor Kent Cox, Crossroads Church

**PLEDGE OF ALLEGIANCE**

**TEXAS PLEDGE OF ALLEGIANCE** – The pledges were led by the City Council.

**5. PRESENTATIONS AND PROCLAMATIONS**

**5A.** Update from the City Council and Management: Financial Position, Major Projects, Operational Issues, Upcoming Dates of Interest and Items of Community Interest.

Mayor Gottel announced the following: There will be a Special Joint Council and Planning and Zoning Commission meeting regarding the North Shore Master Plan on Thursday, December 19<sup>th</sup> at 6:30pm in Annex Conference Room. The upcoming City Council meetings are Tuesday, January 7<sup>th</sup> & 21<sup>st</sup>; 5:30pm in City Hall Conference Room, and Tuesday, January 14<sup>th</sup>; Work Session starts at 6:00pm in Annex Conference Room. Planning and Zoning Commission meetings will be held Tuesday, January 14<sup>th</sup> & 28<sup>th</sup>, 6pm in City Hall Conference Room. Waste Management Brush Pickup Schedule: Will be collecting brush & tree limbs exclusively on Wednesdays & Saturdays until all debris is picked up. Residents NOT required to call for pickup. Place large brush piles in front of house for collection; these will be serviced first. Small brush piles in alleys may be collected with regular trash pickup if manageable. The City and Waste Management appreciate your patience during the cleanup time. Be aware, it may take several weeks. Residents may utilize dump passes. Stage 3 Water Restrictions – residents are allowed to water once every two weeks. The Animal Shelter will be providing a low-cost vaccine clinic Saturday, December 21<sup>st</sup>, 12:30-2:30pm. Upcoming events for Parks and Recreation: Senior New Year's Noon Party, Tuesday, December 31<sup>st</sup>, 11:30am – 1:00pm at RCC. Little Sweetheart Dance - Saturday, February 8<sup>th</sup> - 7:00pm – 9:00pm at the Rowlett Community Centre. Easter Egg Hunt – Saturday, April 12<sup>th</sup> – 10:00am – 12:00pm Downtown on Main Street. Easter Pup-A-Palooza– Sunday, April 13<sup>th</sup>- 2:00pm – 4:00pm being held at Herfurth Park. The Rowlett Public Library will close at 6pm Monday, December 23<sup>rd</sup> and be closed Tuesday, December 24<sup>th</sup> and Wednesday, December 25<sup>th</sup> in observation of the December Holidays. Library will close at 6pm on Tuesday, December 31<sup>st</sup> and be closed on Wednesday, January 1<sup>st</sup>. Holiday Movie: Arthur Christmas, Saturday, December 21<sup>st</sup> at 2pm. Winter Reading Club for school-age children, Runs from December 23<sup>rd</sup> – January 4<sup>th</sup>. Participants are awarded books, coupons & other goodies at a party on January 6<sup>th</sup>. City offices closed Tuesday and Wednesday, December 24<sup>th</sup> & 25<sup>th</sup> and Wednesday, January 1<sup>st</sup>. No trash pick-up on Wednesday, December 25<sup>th</sup> and January 1<sup>st</sup>. Trash pick-up will run one day behind, starting pick-up again on Thursday, December 26<sup>th</sup> and January 2<sup>nd</sup>. Mayor Gottel also thanked staff for their wonderful work during the recent ice event.

**5B.** Honor the passing of former Mayor John Schroy by presenting his family with a proclamation and flag flown over City Hall - followed by the reception.

Mayor Gottel presented Myrna Schroy with a proclamation and City flag.

**RECEPTION FOR FAMILY OF FORMER MAYOR JOHN SCHROY**

Break at 7:53 p.m. and reconvene at 8:19 p.m.

6. **CITIZENS' INPUT**

There were no speakers.

7. **CONSENT AGENDA**

- 7A. Consider approving minutes from the December 3, 2013, City Council Regular Meeting.

**This item was approved on the Consent Agenda.**

- 7B. Consider action to approve a resolution authorizing the City Manager to enter into a Letter of Intent naming Integral Development LLC as the City's development partner on specific City owned property within the Downtown District and direct staff to begin negotiations on a Development Agreement.

This item was removed from the Consent Agenda for Individual Consideration.

Council convened in Executive Session at 9:29 p.m. and reconvened in open session at 9:53 p.m.

**A motion was made by Councilmember Pankratz, seconded by Councilmember Bobbitt, to approve the item in accordance with the Executive Session discussion. The motion carried with a unanimous vote of those members present. This item was approved as RES-116-13.**

- 7C. Consider action to approve a resolution awarding proposal #2013-21 and the contract for the purchase of an Enterprise Resource Planning System (ERP) from Tyler Technologies, Incorporated in the amount of \$833,245 and authorizing the City Manager, after City Attorney approval, to execute the necessary documents for said contract.

This item was removed from the Consent Agenda for Individual Consideration.

Alan Guard, Director of Financial and Information Services, presented background information regarding the City's current program and the features which will be included in the new system, helping to create efficiencies and capacity. He also explained the over year-long process taken including the time attention to research within the organization and without and the RFP process. Mr. Funderburk explained that this system was in place when he began with the City ten years ago and the its functionality is not feasible due to the extensive customization and inconsistency of updates/upgrades.

Council discussion regarding licensing and proprietary software, upgrade process, implementation and safeguards to help control costs, travel costs, and life expectancy of the system.

**A motion was made by Councilmember Dana-Bashian, but failed for lack of a second.**

- 7D.** Consider a resolution amending the City's Investment Policy.

**This item was approved as RES-117-13 on the Consent Agenda.**

- 7E.** Consider action to approve a resolution exercising the first of two one-year renewal options for the annual contract for screening wall repair and maintenance in an estimated annual amount of \$50,000 to Ratliff Hardscape LTD and authorizing the execution of the necessary documents.

**This item was approved as RES-118-13 on the Consent Agenda.**

- 7F.** Consider action to approve a amendment to create Failure to Appear Offense for citations issued by non-sworn city personnel.

**This item was approved as ORD-032-13 on the Consent Agenda.**

#### **Passed The Consent Agenda**

**A motion was made by Mayor Pro Tem Kilgore, seconded by Councilmember Pankratz, including all the preceding items marked as having been approved on the Consent Agenda. The motion carried with a unanimous vote of those members present.**

#### **8. ITEMS FOR INDIVIDUAL CONSIDERATION**

- 8A.** Consider an ordinance approving revised Impact Fees and amending the Master Fee Schedule accordingly.

Erin Jones, Director of Development Services, along with Jeff Whitacre with Kimley-Horn and Associates, reviewed fees and Council's previous requests for designating "targeted" and "non-targeted" land uses.

**A motion was made by Mayor Pro Tem Kilgore, seconded by Councilmember Pankratz, to approve the item as presented. The motion carried with a unanimous vote of those members present. This item was approved as ORD-033-13.**

After a short break at 9:22 p.m., Council reconvened in the Conference Room at 9:29 p.m. to discuss item 7B in Executive Session.

**TAKE ANY NECESSARY OR APPROPRIATE ACTION ON CLOSED/EXECUTIVE SESSION MATTERS**

No action taken.

**9. ADJOURNMENT**

There being no further business, the meeting adjourned at 10:32 p.m.



**City of Rowlett**  
**Staff Report**

4000 Main Street  
P.O. Box 99  
Rowlett, TX 75080-0099  
www.rowlett.com

**AGENDA DATE:** 01/07/13

**AGENDA ITEM:** 7B

**TITLE**

Consider action to approve a resolution awarding a bid to APAC-Texas, Incorporated for the purchase of hot mix asphalt in the unit amounts bid and an annual amount not to exceed \$100,000 for road materials for the Street Department through the Interlocal Cooperative Purchasing Agreement with Dallas County.

**STAFF REPRESENTATIVE**

Tim Rogers, Director of Infrastructure Services

Robbin Webber, Assistant Director of Infrastructure Services

**SUMMARY**

This item is for the purchase of Hot Mix Asphalt Type B and D materials for our Street Department's maintenance program. The item is obtained by City trucks at the vendor's plant locations.

The City of Rowlett has participated with Dallas County for the purchase of this product through the Interlocal Cooperative Purchasing Agreement between Dallas County and APAC-Texas, Incorporated. Dallas County has awarded the bid and extended the agreement through a Dallas County Court Order as depicted in Exhibit A.

**BACKGROUND INFORMATION**

Rowlett City Council approved entering into an Interlocal Cooperative Purchasing Agreement with Dallas County for the purchase of goods, services, and functions on August 18, 2009 (Resolution Number RES-097-09). The agreements were executed on September 15, 2009.

**DISCUSSION**

During this year's drought, large cracks developed in several of our major roadways. These large cracks allowed moisture to penetrate the subgrade, which caused several sections of roadways to fail. It's imperative that we address these issues as they arise to prevent total failure of the roadways. Part of our mission is to keep the roadways in good condition so purchasing this material will help us maintain the streets and alleyways. In order to fulfill our mission, it will be necessary to purchase this material throughout the year.

Dallas County extended the annual contract for Road and Highway Building Materials Bid No. 2011-102-5731 on October 15, 2013, and awarded bids for the contract term extension which is from October 7, 2013, through October 6, 2014.

City staff desires to once again purchase type B and D hot mix asphalt from their contract with APAC to be picked up by City trucks from the plant(s) as depicted as Exhibit B. The term of contract will be for twelve months.

### **FINANCIAL/BUDGET IMPLICATIONS**

<b>Budget Account Number and/or Project Code</b>	<b>Account or Project Title</b>	<b>Budget Amount</b>	<b>Proposed Amount</b>
Street Maintenance (General Fund)	101-4525-450-77-02	\$80,000	\$80,000
Service Contract Maintenance (General Fund)	101-4525-450-78-08	\$20,000	\$20,000
<b>Total</b>		<b>\$100,000</b>	<b>\$100,000</b>

### **RECOMMENDED ACTION**

City staff recommends the City Council adopt a resolution awarding a bid to APAC-Texas, Incorporated for the purchase of hot mix asphalt in the unit amounts bid and an annual amount not to exceed \$100,000 for road materials for the Street Department through the Interlocal Cooperative Purchasing Agreement with Dallas County.

### **RESOLUTION**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ROWLETT, TEXAS, AWARDED THE BID TO APAC-TEXAS, INCORPORATED FOR THE PURCHASE OF HOT MIX ASPHALT IN THE UNIT AMOUNTS BID AND AN ANNUAL AMOUNT NOT TO EXCEED THE AMOUNT OF \$100,000 FOR THE CITY OF ROWLETT THROUGH THE INTERLOCAL COOPERATIVE PURCHASING AGREEMENT WITH DALLAS COUNTY; AUTHORIZING THE ISSUANCE OF PURCHASE ORDERS PURSUANT TO APPROVAL; AND, PROVIDING AN EFFECTIVE DATE.**

**WHEREAS**, it is necessary to purchase hot mix asphalt materials for the Street Department for street repairs; and

**WHEREAS**, the City of Rowlett has an Interlocal Cooperative Purchasing Agreement with Dallas County to procure products and services from their established contracts; and

**WHEREAS**, Dallas County has opened sealed bids for road materials as per Bid #2011-102-5731 and has contracts in place for hot mix asphalt; and

**WHEREAS**, the City Council of the City of Rowlett, Texas desires to exercise such contracts with APAC-Texas, Incorporated for the purchase of hot mix asphalt through the Interlocal Cooperative Purchasing Agreement with Dallas County for a twelve month term.

**NOW THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ROWLETT, TEXAS:**

**Section 1:** That the City Council of the City of Rowlett does hereby award the bid and contract to APAC-Texas, Incorporated for the purchase of hot mix asphalt in the unit amounts bid and in an annual amount not to exceed \$100,000 through the Interlocal Cooperative Purchasing Agreement with Dallas County, Texas, for road materials.

**Section 2:** That the City Manager, or his designee, is hereby authorized to execute the contract with APAC-Texas, Incorporated, and issue appropriate purchase orders to conform to this resolution.

**Section 3:** This resolution shall become effective immediately upon its passage.

#### **ATTACHMENTS**

Exhibit A – Dallas County Extension & Award

Exhibit B – Bid Tabulation

ORDER NO: 2013 1710

COURT ORDER

DATE: October 15, 2013

STATE OF TEXAS §

COUNTY OF DALLAS §

BE IT REMEMBERED, at a regular meeting of Commissioners Court of Dallas County, Texas, held on the 15<sup>th</sup> day of October, 2013, on

a motion made by John Wiley Price, Commissioner of District 3, and seconded by Dr. Elba Garcia, Commissioner of District 4, the following Court Order was adopted:

**WHEREAS,** the Purchasing Department briefed Commissioners Court on October 8, 2013 concerning the second twelve (12) month extension of Bid No. 2011-102-5731 Annual Contract for the Purchase of Road and Highway Building Materials as awarded to various vendors; and

**WHEREAS,** the contract provides for the purchase of various road materials for Road and Bridge Districts 3 and 4 as well as other governmental agencies for products for their projects throughout the county; and

**WHEREAS,** all vendors have agreed to extend their current solicitation for an additional twelve (12) month period based on the existing terms, conditions and pricing structure set for in the original bid or as amended; and

**WHEREAS,** the term of the extension is from October 7, 2013 to October 6, 2014; and

**WHEREAS,** the extension of this contract supports Vision 1, Strategy 1.3 of the Strategic Plan by providing a sound, financially responsible, and accountable governance

**IT IS THEREFORE ORDERED, ADJUDGED, AND DECREED** that the Dallas County Commissioners Court does hereby authorize the second twelve (12) month extension of Bid No. 2011-102-5731 Annual Contract for Road and Highway Building Materials with APAC-Texas Inc., Austin Asphalt L.P., Cleveland Asphalt Products Inc., Ergon Asphalt & Emulsions Inc., Heartland Asphalt Materials, Professional Coating Technologies, TXI Operations, and Vance Brothers Inc. for the period of October 7, 2013 through October 6, 2014 in accordance with the terms, conditions and pricing set forth and authorizes all County documents/payments to reflect accordingly.

DONE IN OPEN COURT this the 15<sup>th</sup> day of October, 2013.

Clay Lewis Jenkins  
Clay Lewis Jenkins, County Judge

Dr. Theresa M. Daniel  
Dr. Theresa M. Daniel, District #1

Mike Cantrell  
Mike Cantrell, District #2

John Wiley Price  
John Wiley Price, District #3

Dr. Elba Garcia  
Dr. Elba Garcia, District #4

Recommended by: Shannon S. Brown  
Shannon S. Brown, Purchasing Agent/sw

AWARD ORDER

ORDER NO: 2011 1693

10

BID NO: 2011-102-5731

DATE: October 4, 2011

STATE OF TEXAS §

COUNTY OF DALLAS§

BE IT REMEMBERED, at a regular meeting of Commissioners Court of Dallas County, Texas, held on the 4<sup>th</sup> day of October, 2011,

on a motion made by Mike Cantrell, Commissioner of District No. 2, and seconded by John Wiley Price, Commissioner of District No. 3, the following Court Order was adopted:

WHEREAS, Commissioners Court was briefed on September 6, 2011 concerning the opening of Bid No. 2011-102-5731, Annual Contract for the Purchase of Road and Highway Building Material; and

WHEREAS, on September 26, 2011, the Commissioners Court was briefed and authorized staff to request design specifications (missing bid documents) from APAC Texas, Inc.; and

WHEREAS, Purchasing in conjunction with the Superintendents from Districts 3 and 4 have reviewed and evaluated the submitted proposals for determination of the lowest, best and compliant bidders; and

WHEREAS, the following vendors are recommended for award based on the overall lowest, best and compliant bid.

*See Attached List*

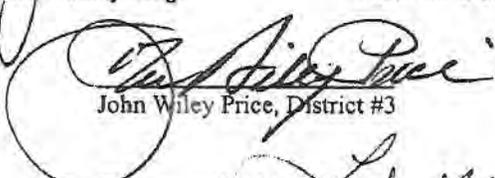
IT IS THEREFORE ORDERED, ADJUDGED, AND DECREED that the Dallas County Commissioners Court does hereby authorize the award of Bid No. 2011-102-5731, Annual Contract for the Purchase of Road and Highway Building Material, in the estimated total amount of \$3,916,000.00 (Three Million Nine Hundred Sixteen Thousand Dollars and No Cents) contract period October 7, 2011 through October 6, 2012.

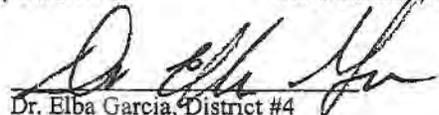
DONE IN OPEN COURT this the 4<sup>th</sup> day of October, 2011.

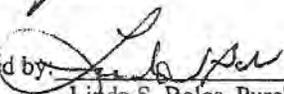
  
Clay Lewis Jenkins, County Judge

ABSENT  
Maurine Dickey, District #1

  
Mike Cantrell, District #2

  
John Wiley Price, District #3

  
Dr. Elba Garcia, District #4

Recommended by:   
Linda S. Boles, Purchasing Agent

PRIMARY

APAC, Texas, Inc.

P.O. Box 224048

Dallas, Texas 75222

Items: 13 – 20, \*21 and \*\*22

Est. contract amt.: \$1,968,000.00

\*\*Item 22 Primary vendor for projects w/in the boundaries of Districts #2 and 4 and based on mileage determination for project w/in District 3.

Austin Asphalt, L.P.

6330 Commerce Drive

Irving, Texas 75063

Items: \*21, \*\*22 and 23

Est. contract amt.: \$688,000.00

\*Item 21 primary vendor for projects within the boundaries of Dist. #2, 3 and 4

\*\*Item 22 primary vendor for projects w/in the boundaries of District #3 based on mileage determination

Crafco Texas, Inc.

105 Tower Drive

San Antonio, TX 78232

Item: 34

Est. contract amt.: \$50,350.00

Heartland Asphalt Materials

114 S. Silver Springs Road

Cape Girardeau, Missouri 63702

Items: 24 – 26, 29 and 30

Est. contract amt.: \$292,340.00

Professional Coating Technologies

1001 Mt. Lebanon

Cedar Hill, Texas 75104

Items: 27, 28, 31 – 33 and 35

Est. contract amt.: \$267,060.00

TXI Operations

10615 Spangler Road

Dallas, Texas 75220

Items 9, 37, 38

Est. contract amt.: \$650,250.00

SECONDARY

APAC Texas Inc.  
P.O. Box 224048  
Dallas, TX 75222  
Items: \*21 and 23

\*Item 21 Secondary Vendor for projects within the boundaries of District #2, 3 and 4

Austin Asphalt L.P.  
6330 Commerce Drive  
Irving, Texas 75063  
Items: \*21 and 22

\*Item 21 Secondary Vendor for projects within the boundaries of District #2 and #4

Cleveland Asphalt Products, Inc.  
P.O. Box 1449  
Shepherd, Texas 77371  
Items: 24, 26 and 30

Ergon Asphalt & Emulsions, Inc.  
11612 RM2244  
Austin, Texas 78738  
Items: 25 and 29

Vance Bros. Inc.  
2201 Brennan Ave.  
Fort Worth, Texas 76106  
Item: 34

DALLAS COUNTY BID TABULATION

BID NO. 2011-102-5731  
 ANNUAL CONTRACT FOR ROAD and HIGHWAY BUILDING MATERIALS  
 BUYER: SAM COOPER  
 OPENING DATE: September 12, 2011  
 CONTRACT PERIOD:

MAVE STATUS  
 TAMPAYER STATUS  
 BID NOTIFICATION

DESCRIPTION	ESTIMATED QTY	UNIT	VENDOR #1		VENDOR #2		VENDOR #3		VENDOR #4		VENDOR #5		VENDOR #6	
			PRICE	EXTENSION	PRICE	EXTENSION	PRICE	EXTENSION	PRICE	EXTENSION	PRICE	EXTENSION	PRICE	EXTENSION
1 AGGREGATE FOR SURFACE, TX DOT ITEM 302, TYPE B, CRUSHED STONE, GRADE 3 (CHAD) LOADED ON COUNTY TRUCKS AT VENDOR PLANT	1,000 Tons	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
2 AGGREGATE FOR SURFACE, TX DOT ITEM 302, TYPE B, CRUSHED STONE, GRADE 3 (CHAD) DELIVERED TO ROAD & BRIDGE DISTRICT OFFICE	2,000 Tons	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
3 AGGREGATE FOR SURFACE, TX DOT ITEM 302, TYPE B, CRUSHED STONE, GRADE 4 LOADED ON COUNTY TRUCKS AT VENDOR PLANT	1,000 Tons	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
4 AGGREGATE FOR SURFACE, TX DOT ITEM 302, TYPE B, CRUSHED STONE, GRADE 4 DELIVERED TO ROAD & BRIDGE DISTRICT OFFICE	4,000 Tons	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
5 FLEXIBLE BASE, TX DOT ITEM 247, TYPE A, GRADE 1 LOADED ON COUNTY TRUCKS AT VENDOR PLANT	1,000 Tons	No Bid	No Bid	\$7.50	\$7,500.00	No Bid								
6 FLEXIBLE BASE, TX DOT ITEM 247, TYPE A, GRADE 1 (QUARRIED MATERIAL) DELIVERED TO ROAD & BRIDGE DISTRICT OFFICE	1,000 Tons	No Bid	No Bid	Bid withdrawn, Vendor unable to honor price.	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid

SPECIFY:  
 PLANT LOCATION #1 \_\_\_\_\_  
 STREET ADDRESS \_\_\_\_\_  
 CITY/STATE/ZIP CODE \_\_\_\_\_  
 TELEPHONE NO. \_\_\_\_\_  
 HOURS OF OPERATION: \_\_\_\_\_

DALLAS COUNTY BID TABULATION

BID NO. 2011-105-5131  
ANNUAL CONTRACT FOR ROAD AND HIGHWAY BUILDING MATERIALS

BUYER: SAM COOPER

OPENING DATE: September 12, 2011

CONTRACT PERIOD:

MAJOR STATUS  
TAMPAYER STATUS  
BID NOTIFICATION

DESCRIPTION	ESTIMATED QUANTITY	VENDOR #1		VENDOR #2		VENDOR #3		VENDOR #4		VENDOR #5		VENDOR #6	
		UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION
7 WASHED SAND, TX DOT STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS, STREETS AND BRIDGES, ITEM 421, (S) TABLE 2, FINE AGGREGATE LOADED ON COUNTY TRUCKS AT VENDOR PLANT	1,000 Tons	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
8 WASHED SAND, TX DOT STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS, STREETS AND BRIDGES, ITEM 421, (S) TABLE 2, FINE AGGREGATE DELIVERED TO ROAD & BRIDGE DISTRICT OFFICE	1,000 Tons	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
9 CEMENT TREATED BASE (SCALPING MIX) WITH 5-1/2% CEMENT LOADED ON COUNTY TRUCKS AT VENDOR PLANT	20,000 Tons	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$13.00	\$260,000.00	No Bid	No Bid
10 CONCRETE, 5 SACK, 3000 PSI, TX DOT ITEM 421, CLASS A AS PER BID SPECIFICATIONS DELIVERED TO PROJECT JOBSITE WITHIN DALLAS COUNTY	100 Yds.	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
11 CONCRETE, 6 SACK, 4000 PSI, TX DOT ITEM 421, CLASS C AS PER BID SPECIFICATIONS DELIVERED TO ROAD & BRIDGE DISTRICT OFFICE	30 Yds.	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
12 CONCRETE, 6 SACK, 4000 PSI, TX DOT ITEM 421, CLASS C AS PER BID SPECIFICATIONS DELIVERED TO PROJECT JOBSITE WITHIN DALLAS COUNTY	80 Yds.	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
13 HIGH PERFORMANCE COLD MIX AS PER BID SPECIFICATIONS, RAPID ROAD REPAIR R3 OR EQUIVALENT LOADED ON COUNTY TRUCKS AT VENDOR PLANT	100 Tons	\$98.00	\$9,900.00	No Bid	No Bid	No Bid	No Bid						

Vendor #1	Vendor #2	Vendor #3	Vendor #4	Vendor #5	Vendor #6
A.P.C. Texas, Inc. P.O. Box 22408 Dallas, Texas 75222-0408 Tel: 214-924-9072 Fax: 972-3174888	Austin Asphalt L.P. 6330 Commerce Drive Suite 150 Irving, TX 75063 Pat Trudley Tel: 214-596-7100 Fax: 214-656-7396	Southwest Crashing LLC P.O. Box 2429 Ferrer, TX 75126 Ricardo Rincon Tel: 972-203-8298 Fax: 972-203-8217	Lindsey Contractors 701 S. Loop 340 Waco, TX 76706 Anna Luette Tel: 254-752-7857 Fax: 254-752-7718	TXI Operations, LP 10615 Spangler Road Dallas, TX 75220 Dan Richwine Tel: 972-406-3240 Fax: 972-501-14904	Hearland Asphalt Materials, L.P. 111 S. Silver Springs Road Cape Girardeau, MO 63702 Patrick J. Coyle Tel: 816-729-1418 Fax: 573-388-4293

PLANT LOCATION: \_\_\_\_\_  
STREET ADDRESS: \_\_\_\_\_  
CITY/STATE/ZIP CODE: \_\_\_\_\_  
TELEPHONE NO: \_\_\_\_\_  
HOURS OF OPERATION: \_\_\_\_\_

DALLAS COUNTY BID TABULATION

BID NO. 2011-102-5731  
 ANNUAL CONTRACT FOR ROAD AND HIGHWAY BUILDING MATERIALS  
 BUYER: SAM COOPER  
 OPENING DATE: September 12, 2011  
 CONTRACT PERIOD:

MATERIALS TAXPAYER STATUS BID NOTIFICATION	DESCRIPTION	ESTIMATED QTY	VENDOR #1		VENDOR #2		VENDOR #3		VENDOR #4		VENDOR #5		VENDOR #6	
			UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION
14	HOT MIX ASPHALTIC CONCRETE PAVEMENT, TX DOT ITEM 340, TYPE B, INSTALLED OR LAID BY CONTRACTOR PERSONNEL, AS PER BID SPECIFICATIONS 1,500 TONS OR MORE PER JOB SPECIFY: PLANT LOCATION #1 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION: PLANT LOCATION #2 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION: PLANT LOCATION #3 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION:	2,000 Tons	\$56.50	\$113,000.00	No Bid	No Bid								
15	HOT MIX ASPHALTIC CONCRETE PAVEMENT, TX DOT ITEM 340, TYPE B, INSTALLED OR LAID BY CONTRACTOR PERSONNEL, AS PER BID SPECIFICATIONS 900-1,099 TONS PER JOB SPECIFY: PLANT LOCATION #1 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION: PLANT LOCATION #2 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION: PLANT LOCATION #3 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION:	1,500 Tons	\$57.00	\$85,500.00	No Bid	No Bid								



DALLAS COUNTY BID TABULATION

BID NO. 2011-102-5731  
ANNUAL CONTRACT FOR ROAD AND HIGHWAY BUILDING MATERIALS

BUYER: SAM COOPER

OPENING DATE: September 12, 2011

CONTRACT PERIOD:

MOBE STATUS  
TAPAYER STATUS  
BID NOTIFICATION

DESCRIPTION	ESTIMATED QTY	VENDOR #1		VENDOR #2		VENDOR #3		VENDOR #4		VENDOR #5		VENDOR #6	
		UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION
18 HOT MIX ASPHALTIC CONCRETE PAVEMENT, TX DOT ITEM #40, TYPE D, INSTALLED OR LAID BY CONTRACTOR PERSONNEL, AS PER BID SPECIFICATIONS 1,500 TONS OR MORE PER JOB SPECIFY: PLANT LOCATION #1 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION: PLANT LOCATION #2 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION: PLANT LOCATION #3 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION:	2,500 Tons	\$57.55	\$143,875.00	No Bid	No Bid								
19 HOT MIX ASPHALTIC CONCRETE PAVEMENT, TX DOT ITEM #40, TYPE D, INSTALLED OR LAID BY CONTRACTOR PERSONNEL, AS PER BID SPECIFICATIONS 1,500 TONS PER JOB SPECIFY: PLANT LOCATION #1 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION: PLANT LOCATION #2 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION: PLANT LOCATION #3 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION:	1,500 Tons	\$58.00	\$87,000.00	No Bid	No Bid								

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DALLAS COUNTY BID TABULATION

BID NO. 2011-102-5731  
ANNUAL CONTRACT FOR ROAD and HIGHWAY BUILDING MATERIALS

BUYER: SAM COOPER

OPENING DATE: September 12, 2011

CONTRACT PERIOD:

MOVIE STATUS  
TAXPAYER STATUS  
BID NOTIFICATION

DESCRIPTION	ESTIMATED U/I QUANTITY	VENDOR #1		VENDOR #2		VENDOR #3		VENDOR #4		VENDOR #5		VENDOR #6	
		UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION
20 HOT MIX ASPHALTIC CONCRETE PAVEMENT, TX DOT ITEM 340, TYPE D, INSTALLED OR LAID BY CONTRACTOR PERSONNEL, AS PER BID SPECIFICATIONS 7.5-499 TONS PER JOB SPECIFY: PLANT LOCATION #1 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION: PLANT LOCATION #2 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION: PLANT LOCATION #3 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION:	1,000 Tons	\$61.00	\$61,000.00	No Bid		No Bid		No Bid		No Bid		No Bid	
21 HOT MIX ASPHALTIC CONCRETE PAVEMENT, TXDOT ITEM 340, TYPE B, LOADED ON COUNTY TRUCKS AT VENDOR PLANT SPECIFY: PLANT LOCATION #1 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION: PLANT LOCATION #2 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION: PLANT LOCATION #3 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION:	2,000 Tons	\$43.00	\$86,000.00	\$41.00	\$82,000.00	No Bid		\$43.15	\$86,300.00	No Bid		No Bid	



DALLAS COUNTY BID TABULATION

		VENDOR #1		VENDOR #2		VENDOR #3		VENDOR #4		VENDOR #5		VENDOR #6	
		UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION
<p>BID NO. 2011-102573H ANNUAL CONTRACT FOR ROAD AND HIGHWAY BUILDING MATERIALS</p> <p>BUYER: SAM COOPER</p> <p>OPENING DATE: September 12, 2011</p> <p>CONTRACT PERIOD:</p> <p>MEMBER STATES</p> <p>TAXPAYER STATUS</p> <p>BID NOTIFICATION</p>		<p>A.P.C. Texas, Inc. P.O. Box 224048 Dallas, Texas 75222-4048 Linda Warner Tel: 214-926-9072 Fax: 972-377-2988</p>		<p>Austin Asphalt L.P. 6330 Commerce Drive Suite 150 Irving, TX 75063 Pat Thindler Tel: 214-956-7300 Fax: 214-956-7395</p>		<p>Southwest Crushing LLC P.O. Box 2429 Fonney, TX 75126 Ricardo Reason Tel: 972-205-5939 Fax: 972-203-0817</p>		<p>Lindco Contractors 701 S. Loop 140 Waco, TX 76706 Anna Lucette Tel: 254-752-7657 Fax: 254-752-7718</p>		<p>TXI Operations, LP 10615 Spangler Road Dallas, TX 75220 Dan Richmond Tel: 972-408-3240 Fax: 972-501-4304</p>		<p>Heartland Asphalt Materials, I 114 S. Silver Springs Road Cape Girardeau, MO 63702 Patrick J Coyte Tel: 817-224-4418 Fax: 972-208-4593</p>	
24	<p>ASPHALT EMULSION, PRIME, AS PER BID SPECIFICATIONS, MARTIN ASPHALT COMPANY AEP OR DELIVERED TO PROJECT JOBSITE WITHIN DALLAS COUNTY</p> <p>SPECIFY: BRAND: _____ PRODUCT NO. _____ MINIMUM TRUCKLOAD _____ PLANT LOCATION _____ STREET ADDRESS _____ CITY/STATE/ZIP CODE _____ TELEPHONE NO. _____ HOURS OF OPERATION: _____</p>	12,000 GA.	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$3.03	\$36,360.00	AEP 5,500 gallons	
25	<p>ASPHALT EMULSION, RAPID SETTING (TABLE 6 OR 8), AS PER BID SPECIFICATIONS, MARTIN ASPHALT CRS-2 OR LOADED ON COUNTY TRUCKS AT VENDOR PLANT</p> <p>SPECIFY: BRAND: _____ PRODUCT NO. _____ MINIMUM TRUCKLOAD _____ PLANT LOCATION _____ STREET ADDRESS _____ CITY/STATE/ZIP CODE _____ TELEPHONE NO. _____ HOURS OF OPERATION: _____</p>	16,000 GA.	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$2.20	\$35,200.00	CRS-2 5,500 gallons	
26	<p>ASPHALT EMULSION, RAPID SETTING (TABLE 6 OR 8), AS PER BID SPECIFICATIONS, MARTIN ASPHALT CRS-2 OR DELIVERED TO PROJECT JOBSITE WITHIN DALLAS COUNTY</p> <p>SPECIFY: BRAND: _____ PRODUCT NO. _____ MINIMUM TRUCKLOAD _____ PLANT LOCATION _____ STREET ADDRESS _____ CITY/STATE/ZIP CODE _____ TELEPHONE NO. _____ HOURS OF OPERATION: _____</p>	80,000 GA.	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$2.33	\$186,400.00	CRS-2 5,500 gallons	

DALLAS COUNTY BID TABULATION

BID NO. 2011-105-5731  
 ANNUAL CONTRACT FOR ROAD AND HIGHWAY BUILDING MATERIALS  
 BUYER: SAM COOPER

OPENING DATE: September 12, 2011  
 CONTRACT PERIOD:

MWBE STATUS  
 TAXPAYER STATUS  
 BID NOTIFICATION

DESCRIPTION	ESTIMATED QTY	VENDOR #1		VENDOR #2		VENDOR #3		VENDOR #4		VENDOR #5		VENDOR #6	
		UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION								
27 ASPHALT EMULSION, MEDIAL SETTING TABLE 6 OR 9), AS PER BID SPECIFICATIONS, PROFESSIONAL COATING TECHNOLOGIES MCS-600C OR EQUAL. LOADED ON COUNTY TRUCKS AT VENDOR PLANT SPECIFY: BRAND: _____ MINIMUM TRUCKLOAD _____ PLANT LOCATION _____ STREET ADDRESS _____ CITY/STATE/ZIP CODE _____ TELEPHONE NO _____ HOURS OF OPERATION: _____	20,000 GA	No Bid	No Bid	No Bid	No Bid								
28 ASPHALT EMULSION, MEDIUM SETTING TABLE 6 OR 8), AS PER BID SPECIFICATIONS, PROFESSIONAL COATING TECHNOLOGIES MCS-600C OR EQUAL. DELIVERED TO PROJECT JOBSITE WITHIN DALLAS COUNTY SPECIFY: BRAND: _____ PRODUCT NO _____ MINIMUM TRUCKLOAD _____ PLANT LOCATION _____ STREET ADDRESS _____ CITY/STATE/ZIP CODE _____ TELEPHONE NO _____ HOURS OF OPERATION: _____	6,000 GA	No Bid	No Bid	No Bid	No Bid								
29 ASPHALT EMULSION POLYMER MODIFIED, RAPID SETTING TABLE 9), AS PER BID SPECIFICATIONS, MARTIN ASPHALT CRS-2P OR EQUAL. LOADED ON COUNTY TRUCKS AT VENDOR PLANT SPECIFY: BRAND: _____ PRODUCT NO _____ MINIMUM TRUCKLOAD _____ PLANT LOCATION _____ STREET ADDRESS _____ CITY/STATE/ZIP CODE _____ TELEPHONE NO _____ HOURS OF OPERATION: _____	6,000 GA	No Bid	No Bid	\$2.80 CRS-2P \$16,800.00	5,500 gallons 600 Milton Road Saginaw, TX 76179 817-232-4441 7AM - 4PM								

DALLAS COUNTY BID TABULATION

BID NO. 2011-102-5731  
 ANNUAL CONTRACT FOR ROAD AND HIGHWAY BUILDING MATERIALS  
 BUYER: SAM COOPER

OPENING DATE: September 12, 2011  
 CONTRACT PERIOD:

NUMBER STATUS  
 TAPPAYER STATUS  
 BID NOTIFICATION

DESCRIPTION	ESTIMATED U/I QUANTITY	VENDOR #1		VENDOR #2		VENDOR #3		VENDOR #4		VENDOR #5		VENDOR #6	
		UNIT PRICE	EXTENSION										
ASPHALT EMULSION POLYMER MODIFIED RAPID SETTING (TABLE 9) AS PER BID SPECIFICATIONS. 30 MARTIN ASPHALT CRS-2P OR EQUAL DELIVERED TO PROJECT JOBSITE WITHIN DALLAS COUNTY	6,000 GA	No Bid	No Bid	\$2.93	\$17,580.00								
ASPHALT ROAD SEALER AS PER BID SPECIFICATIONS. PROFESSIONAL COATING TECHNOLOGIES COS-50 OR EQUAL 31 DELIVERED TO PROJECT JOBSITE WITHIN DALLAS COUNTY	6,000 GA	No Bid	No Bid										
REGENERATING AGENT AS PER BID SPECIFICATIONS. PROFESSIONAL COATING TECHNOLOGIES ARE-68 OR EQUAL 32 LOADED ON COUNTY TRUCKS AT VENDOR PLANT SPECIFY	6,000 GA	No Bid	No Bid										

DALLAS COUNTY BID TABULATION

BID NO. 2011-102-5731  
 ANNUAL CONTRACT FOR ROAD and HIGHWAY BUILDING MATERIALS  
 BUYER: SAM COOPER  
 OPENING DATE: September 12, 2011  
 CONTRACT PERIOD:

OWNER STATUS  
 TAMPAYER STATUS  
 BID NOTIFICATION

DESCRIPTION	ESTIMATED U/I QUANTITY	VENDOR #1		VENDOR #2		VENDOR #3		VENDOR #4		VENDOR #5		VENDOR #6	
		UNIT PRICE	EXTENSION										
33 EQUAL RENEWING AGENT, AS PER BID SPECIFICATIONS, PROFESSIONAL COATING TECHNOLOGIES ARE-68 OR DELIVERED TO PROJECT JOBSITE WITHIN DALLAS COUNTY BRAND _____ PRODUCT NO _____ MINIMUM TRUCKLOAD _____ PLANT LOCATION _____ STREET ADDRESS _____ CITY/STATE/ZIP CODE _____ TELEPHONE NO _____ HOURS OF OPERATION _____	12,000 GA	No Bid	No Bid										
34 JOINT SEALANT, HOT POURED RUBBER, AS PER BID SPECIFICATIONS, CRAFCO POLYPLEX TYPE 3 OR EQUAL DELIVERED TO ROAD AND BRIDGE DISTRICT OFFICE SPECIFY _____ BRAND _____ PRODUCT NO _____ MINIMUM TRUCKLOAD _____ PLANT LOCATION _____ STREET ADDRESS _____ CITY/STATE/ZIP CODE _____ TELEPHONE NO _____ HOURS OF OPERATION _____	65,000 LBS.	No Bid	No Bid										
35 LIQUID GEOTECH MEMBRANE FOR POTHOLE REPAIR, AS PER BID SPECIFICATIONS, PROFESSIONAL COATING TECHNOLOGIES PPM-50 OR EQUAL LOADED ON COUNTY TRUCKS AT VENDOR PLANT SPECIFY _____ BRAND _____ PRODUCT NO _____ MINIMUM TRUCKLOAD _____ PLANT LOCATION _____ STREET ADDRESS _____ CITY/STATE/ZIP CODE _____ TELEPHONE NO _____ HOURS OF OPERATION _____	21,000 GA	No Bid	No Bid										

DALLAS COUNTY BID TABULATION

BID NO. 2011-103-573 ANNUAL CONTRACT FOR ROAD AND HIGHWAY BUILDING MATERIALS BUYER: SAM COOPER OPENING DATE: September 11, 2011 CONTRACT PERIOD:	VENDOR #1		VENDOR #2		VENDOR #3		VENDOR #4		VENDOR #5		VENDOR #6	
	APAC-Texas, Inc. P.O. Box 224048 Dallas, Texas 75222-0448 Lube Warner Tel: 214-926-9072 Fax: 972-377-0888	Dallas County Website	Audra Asphalt L.P. 6380 Commerce Drive Suite 150 Irving, TX 75063 Pat Tinsley Tel: 214-596-7300 Fax: 214-596-7396	Southwest Crushing LLC P.O. Box 2429 Farms, TX 75126 Ricardo Rincon Tel: 972-205-8828 Fax: 972-203-8817	Unider Contractors 701 S. Loop 340 Waco, TX 76706 Anna Justice Tel: 254-752-7557 Fax: 254-752-2718	TXI Operations, LP 10615 Spangler Road Dallas, TX 75220 Dan Richmond Tel: 972-409-3240 Fax: 972-501-9304	Richard Asphalt Materials, L 114 S. Silver Springs Road Cape Girardeau, MO 63702 Patrick J Cole Tel: 817-228-4418 Fax: 573-388-4393					
NAME STATUS TAXPAYER STATUS BID NOTIFICATION	ESTIMATED QTY	UNIT PRICE	EXTENSION PRICE	UNIT PRICE	EXTENSION PRICE	UNIT PRICE	EXTENSION PRICE	UNIT PRICE	EXTENSION PRICE	UNIT PRICE	EXTENSION PRICE	
36 LINE SLURRY, TYPE B, TDDOT 264.2, ITEM 1(A)(B) DELIVERED AND SPREAD BY SUPPLIER AT PROJECT SITES WITHIN DALLAS COUNTY	5,000 Tons	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	
37 LOUDED CEMENT SLURRY, TEXAS INDUSTRIES SUPERSLURRY™ OR EQUAL LOADED ON COUNTY TRUCKS AT VENDOR PLANT	1,400 Tons	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$155.00	\$217,000.00	No Bid	No Bid	
38 LOUDED CEMENT SLURRY, TEXAS INDUSTRIES SUPERSLURRY™ OR EQUAL DELIVERED AND SPREAD BY SUPPLIER AT PROJECT SITES WITHIN DALLAS COUNTY	1,050 Tons	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$165.00	\$173,250.00	No Bid	No Bid	
STREET ADDRESS: _____ CITY/STATE/ZIP CODE: _____ TELEPHONE NO.: _____ HOURS OF OPERATION: _____ Please specify below any other charges/fees for the required services listed herein. The charges/fees shall be listed on the invoice as a separate line item cost. Demurrage Charge (use of common carrier) \$ _____/hr. after _____ hour(s) Demurrage Charge (use of town equipment) \$ _____/hr. after _____ hour(s) Pump and Hose Charge: \$ _____/hr. charge Hauling Cost in excess of four (4) miles from nearest plant to job site (refer to items 14-20 above) \$ _____/ton mile Move In Charge (refer to the products listed for items 14-20 above) \$ _____/full charge Other charges/fees (if any) not listed but required in the performance of this contract Name of Charge/Fee: _____ Rate/Price \$ _____ Return Load Freight 1/2 Freight Charge												



DALLAS COUNTY BID TABULATION

BID NO. 2011-102-5731  
 ANNUAL CONTRACT FOR ROAD and HIGHWAY BUILDING MATERIALS

BUYER: SAM COOPER

OPENING DATE: September 12, 2011

CONTRACT PERIOD:  
 MOWBE STATUS  
 TASPAYER STATUS  
 BID NOTIFICATION

DESCRIPTION	ESTIMATED QUANTITY	VENDOR #1			VENDOR #2			VENDOR #3			VENDOR #4			VENDOR #5			VENDOR #6		
		UNIT PRICE	EXTENSION	U/I	UNIT PRICE	EXTENSION	U/I	UNIT PRICE	EXTENSION	U/I	UNIT PRICE	EXTENSION	U/I	UNIT PRICE	EXTENSION	U/I	UNIT PRICE	EXTENSION	U/I
		Dallas County Website			Letter from Dallas County			N/A					No						
		Yes			Yes			No					No						
		No			No			No					No						
		Dallas County Website			Letter from Dallas County			N/A					No						
		Yes			Yes			No					No						
		No			No			No					No						
		Dallas County Website			Letter from Dallas County			N/A					No						
		Yes			Yes			No					No						
		No			No			No					No						

DALLAS COUNTY BID TABULATION

BID NO. 201-1402-573H  
ANNUAL CONTRACT FOR ROAD AND HIGHWAY BUILDING MATERIALS

BUYER: SAM COOPER

OPENING DATE: September 12, 2011

CONTRACT PERIOD:

MOVBE STATUS  
TAPPAVER STATUS  
BID NOTIFICATION

DESCRIPTION	VENDOR #1		VENDOR #2		VENDOR #3		VENDOR #4		VENDOR #5		VENDOR #6	
	ESTIMATED QUANTITY	UNIT PRICE	EXTENSION PRICE	UNIT PRICE	EXTENSION PRICE	UNIT PRICE	EXTENSION PRICE	UNIT PRICE	EXTENSION PRICE	UNIT PRICE	EXTENSION PRICE	
Specify the telephone number for ordering products covered under this solicitation. Telephone Number: _____ Specify the name, telephone number, and e-mail address of the account representative who will be handling this account: Contact Name: _____ Telephone No: _____ E-Mail Address: _____ Specify the Alternative (Back-Up) Contact Person Contact Name: _____ Telephone No: _____ E-Mail Address: _____ Should your firm be awarded this contract, describe what (if any) portion of the bid requirements will be subcontracted out: <i>Cooperative Purchasing: Should other Governmental Entities decide to participate in this contract, would you, the awarded Contractor agree that all terms, conditions, specifications, and pricing would apply to that entity?</i> Yes _____ NO _____ Note: All purchases by Governmental Entities other than Dallas County will be billed directly to that Governmental Entity and paid by that Governmental Entity. Dallas County will not be responsible for other Governmental Entity's debt. Does your firm/company have the required insurance coverage stated under SECTION 3 - INSURANCE REQUIREMENTS and agree to comply with these requirements during the duration of this contract? Yes _____ NO _____ If No, will your firm be able to acquire the required coverage within ten (10) days upon notification of contract award?	APAC-Texas, Inc. P.O. Box 221048 Dallas, Texas 75222-4048 Luke Warner Tel: 214-926-9072 Fax: 972-377-0988	Austin Asphalt L.P. 6330 Commerce Drive Suite 150 Irving, TX 75063 Pat Tinsley Tel: 214-596-1900 Fax: 214-596-7386	Southwest Cracking LLC P.O. Box 2429 Pomeroy, TX 75126 Ricardo Rincon Tel: 972-203-8828 Fax: 972-203-5877	Indsey Contractors 701 S. Loop 340 Waco, TX 76706 Anna Justice Tel: 254-752-7557 Fax: 254-752-2778	TXI Operations, LP 1605 Spangler Road Dallas, TX 75220 Dan Richmond Tel: 972-409-3240 Fax: 972-501-9910	Heartland Asphalt Materials, L 114 S. Silver Springs Road Cape Girardeau, MO 63702 Patrick J. Coye Tel: 817-228-1418 Fax: 573-588-4393						
	214-926-9072	866-587-0001	214-325-5634	254-379-0614	972-409-3240							
	Luke Warner	Pat Tinsley	Ricardo Rincon	Chris Lukens	Dan Richmond	Patrick (Pat) J. Coye						
	214-926-9072	817-925-0415	214-325-5634	254-379-0614	972-988-7713	817-228-1418						
	Wkwarner@apac.com	patinsley@astinlp.com	svrcr@huhuh@coelacaster.net	chrlukens@indseycontractors.com	drrichmond@txi.com	pcoye@heartlandasphalt.com						
	Chris Michels	Tom Paake	Ronnie Hamilton	Cathie Dossey	Dana Link	Jim Hill						
	972-951-8464	866-587-0001	972-203-5828	254-752-7557	972-988-7712	817-228-1418						
	cmichels@apac.com	tpaake@astinlp.com	svrcr@huhuh@coelacaster.net	cdossey@indseycontractors.com	dlink@txi.com	jhill@heartlandasphalt.com						
	None		The delivery of the material.	N/A		None						
	Yes	Yes	Yes	Yes	Yes	Yes						
	Yes	Yes	Yes	Yes	Yes	Yes						

DALLAS COUNTY BID TABULATION

BID NO. 2011-102-5731  
 ANNUAL CONTRACT FOR ROAD AND HIGHWAY BUILDING MATERIALS  
 BUYER: SAM COOPER  
 OPENING DATE: September 12, 2011  
 CONTRACT PERIOD:  
 MAKE STATIS  
 TAXPAYER STATIS  
 BID NOTIFICATION

DESCRIPTION	VENDOR #1		VENDOR #2		VENDOR #3		VENDOR #4		VENDOR #5		VENDOR #6	
	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION
Information on Provision of Health Insurance Coverage for Employees Dallas County may consider the provision of health insurance coverage for employees in the bid evaluation process (see page 5, paragraph 4) and attachment A. Please complete the information below to assist in this evaluation. Does your company provide health insurance coverage to its employees? Yes _____ No _____ If your company does provide health insurance coverage to its employees, does the company share in the cost a minimum of 75% for employees only coverage and 50% for family coverage? Yes _____ No _____ If your company provides health insurance coverage to its employees, is the coverage comparable to the services provided by Dallas County as described in the attached summary plan description? (See Attachment A) Yes _____ No _____ If your company plans to utilize subcontractors in the fulfillment of this bid, does each of the subcontractors provide health insurance coverage to their employees that compares to Dallas County's health insurance coverage and share in the cost? Yes _____ No _____	AP/C-Texas, Inc. P.O. Box 224048 Dallas, Texas 75222-0448 Tel: 214-926-9072 Fax: 972-377-0888	Austin Asphalt L.P. 6330 Commerce Drive Suite 150 Irving, TX 75063 Pat Tinsley Tel: 214-596-7390 Fax: 214-596-7396	Southwest Crothing LLC P.O. Box 2429 Pomeroy, TX 75126 Ricardo Rincon Tel: 972-203-5828 Fax: 972-203-5877	Lindsey Contractors 701 S. Loop 140 Waco, TX 76706 Anna Justice Tel: 254-752-7857 Fax: 254-752-7716	TXI Operations, LP 16015 Spanader Road Dallas, TX 75220 Dan Richwine Tel: 972-409-3340 Fax: 972-501-9904	Heartland Asphalt Materials, L 114 S. Silver Springs Road Cape Girardeau, MO 63702 Patrick J. Coole Tel: 917-229-4118 Fax: 573-368-4393						
NOTE: Any vendor that conducts business with Dallas County, whether it is for goods and/or services, must maintain lawful worker's compensation/self insured employee coverage requirements and adequate liability limitations. SEE Page 3, Paragraph 3	Dallas County Website Yes No	Letter from Dallas County Yes No	N/A No Yes	No Yes No	Yes No N/A	Letter from D.C. Purchasing No Yes No						

DALLAS COUNTY BID TABULATION

BID NO. 201-1-02-S/31  
 ANNUAL CONTRACT FOR ROAD and HIGHWAY BUILDING MATERIALS  
 BUYER: SAM COOPER  
 OPENING DATE: September 12, 2011  
 CONTRACT PERIOD:

MADE STATUS  
 TAXPAYER STATUS  
 BID NOTIFICATION

DESCRIPTION	VENDOR #1		VENDOR #2		VENDOR #3		VENDOR #4		VENDOR #5		VENDOR #6					
	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION				
<p>In the event Dallas County elects to give a preference to a bidder who provides comparable health insurance, that bidder and any subcontractors will be required to provide additional documentation of the declared health insurance coverage.</p> <p>For statistical purposes:</p> <p>Please indicate to Dallas County whether the principal company owner is a: (Please check one)</p> <p><input type="checkbox"/> Dallas County Tax Payer</p> <p><input type="checkbox"/> Other County Tax Payer</p> <p>Please indicate whether your company is certified through an agency "other than" North Central Texas Regional Certification Agency (NCTRCA) (Example: Statewide Historically Underutilized Business (HUB) Program, MBE, WBE, DBE, SBA, SBA, Veteran, 8(a))</p> <p>Yes _____ No _____</p> <p>If yes, please provide the agency name and the applicable certification number below:</p> <p>Certifying Agency Name _____</p> <p>Registration or Certification Number _____</p> <p>Expiration Date _____</p> <p>Please indicate the manner in which you were notified of this solicitation:</p> <p><input type="checkbox"/> Daily Commercial Record</p> <p><input type="checkbox"/> Dallas County Website</p> <p><input type="checkbox"/> Letter from Dallas County Purchasing Department</p> <p><input type="checkbox"/> Other specify: _____</p> <p>Thank you!</p>	<p>APAC-Texas, Inc                      P.O. Box 224048                      Dallas, Texas 75222-0448                      Lubie Warner                      Tel: 214-926-9072                      Fax: 972-377-0998</p>	<p>Austin Asphalt L.P.                      6330 Commerce Drive                      Suite 150                      Irving, TX 75063                      Pat Tinsley                      Tel: 214-596-7300                      Fax: 214-598-7396</p>	<p>Southwest Crashing LLC                      P.O. Box 2129                      Forney, TX 75126                      Ricardo Rincon                      Tel: 972-203-5928                      Fax: 972-203-5877</p>	<p>Limsey Contractors                      701 S. Loop 310                      Waco, TX 76706                      Anna Justice                      Tel: 254-752-7557                      Fax: 254-752-2718</p>	<p>TXI Operations, LP                      10615 Spangler Road                      Dallas, TX 75230                      Dan Rickwine                      Tel: 972-409-3240                      Fax: 972-501-9304</p>	<p>Berriland Asphalt Materials, L                      114 S. Silver Springs Road                      Cape Girardeau, MO 63702                      Patrick J. Coyle                      Tel: 317-288-4148                      Fax: 573-388-4393</p>	<p>Dallas County Website</p>	<p>Letter from Dallas County</p>	<p>Letter from Dallas County</p>	<p>N/A</p>	<p>Dallas County Tax Payer</p>	<p>Dallas County Tax Payer</p>	<p>Denton County Tax Payer</p>	<p>McLennan County Tax Payer</p>	<p>Dallas County Tax Payer</p>	<p>Tarrant County Tax Payer</p>

DALLAS COUNTY BID FABRICATION		VENDOR #7	VENDOR #8	VENDOR #9	VENDOR #10	VENDOR #11
BID NO. 2011-102-5731 ANNUAL CONTRACT FOR ROAD AND HIGHWAY BUILDING MATERIALS BUYER: SAM COOPER OPENING DATE: September 12, 2011 CONTRACT PERIOD: MWBE STATUS TAXPAYER STATUS BID NOTIFICATION		PCT 1001 Mt. Lebanon Cedar Hill, TX 75104 Sandy Yalc Tel: 972-291-7474 Fax: 972-291-4224	Cleveland Asphalt Products, Inc. P.O. Box 1449 Shepherd, TX 77371 Clayton Moore Tel: 800-334-0177 Fax: 936-628-6902	Ergon Asphalt & Emulsions, Inc. 11612 RM 2344 Austin, TX 78738 Kody J. Kohl Tel: 512-468-9292 Fax: 512-469-4391	Vance Bros. Inc. 2201 Breonna Ave., Bldg. B Ft. Worth, TX 76106 Greg Fauler Tel: 817-621-0900 Fax: 817-621-0980	Crato Texas, Inc. 105 Tower Drive San Antonio, TX 78232 William L. Frensch Tel: 210-986-2070 Fax: 210-986-2332
1	AGGREGATE FOR SURFACE, TX DOT ITEM 302, TYPE B, CRUSHED STONE, GRADE 3 (CHAD) LOADED ON COUNTY TRUCKS AT VENDOR PLANT	1,000 Tons	No Bid	No Bid	No Bid	No Bid
2	AGGREGATE FOR SURFACE, TX DOT ITEM 302, TYPE B, CRUSHED STONE, GRADE 3 (CHAD) DELIVERED TO ROAD & BRIDGE DISTRICT OFFICE	2,000 Tons	No Bid	No Bid	No Bid	No Bid
3	AGGREGATE FOR SURFACE, TX DOT ITEM 302, TYPE B, CRUSHED STONE, GRADE 4 LOADED ON COUNTY TRUCKS AT VENDOR PLANT	1,000 Tons	No Bid	No Bid	No Bid	No Bid
4	AGGREGATE FOR SURFACE, TX DOT ITEM 302, TYPE B, CRUSHED STONE, GRADE 4 DELIVERED TO ROAD & BRIDGE DISTRICT OFFICE	4,000 Tons	No Bid	No Bid	No Bid	No Bid
5	FLEXIBLE BASE, TX DOT ITEM 247, TYPE A, GRADE 1 (QUARRIED MATERIAL) LOADED ON COUNTY TRUCKS AT VENDOR PLANT	1,000 Tons	No Bid	No Bid	No Bid	No Bid
FLEXIBLE BASE, TX DOT ITEM 247, TYPE A, GRADE 1 (QUARRIED MATERIAL) DELIVERED TO ROAD & BRIDGE DISTRICT OFFICE SPECIFY: PLANT LOCATION #1 _____ STREET ADDRESS _____ CITY/STATE/ZIP CODE _____ TELEPHONE NO. _____ HOURS OF OPERATION: _____		1,000 Tons	No Bid	No Bid	No Bid	No Bid

DALLAS COUNTY BID TABULATION

RID NO. 2011-102-5/31  
 ANNUAL CONTRACT FOR ROAD AND HIGHWAY BUILDING MATERIALS

BUYER: SAM COOPER

OPENING DATE: September 12, 2011

CONTRACT PERIOD:

NUMBER STATES

TAXPAYER STATUS

BID NOTIFICATION

DESCRIPTION	ESTIMATED QTY	UNIT	VENDOR #7		VENDOR #8		VENDOR #9		VENDOR #10		VENDOR #11	
			UNIT PRICE	EXTENSION								
7 WASHED SAND, TX DOT, STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS, STREETS, AND BRIDGES, ITEM 421, (5), TABLE 2, FINE AGGREGATE LOADED ON COUNTY TRUCKS AT VENDOR PLANT	1,000 Tons	No Bid			No Bid		No Bid		No Bid		No Bid	
8 WASHED SAND, TX DOT, STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS, STREETS, AND BRIDGES, ITEM 421, (5), TABLE 2, FINE AGGREGATE DELIVERED TO ROAD & BRIDGE DISTRICT OFFICE	1,000 Tons	No Bid			No Bid		No Bid		No Bid		No Bid	
9 CEMENT TREATED BASE (SCALPING MIX) WITH 5-1/2% CEMENT LOADED ON COUNTY TRUCKS AT VENDOR PLANT	20,000 Tons	No Bid			No Bid		No Bid		No Bid		No Bid	
10 CONCRETE, 3 SACK, 3000 PSI, TX DOT ITEM 421, CLASS A AS PER BID SPECIFICATIONS DELIVERED TO PROJECT JOBSITE WITHIN DALLAS COUNTY	100 Yds.	No Bid			No Bid		No Bid		No Bid		No Bid	
11 CONCRETE, 6 SACK, 4000 PSI, TX DOT ITEM 421, CLASS C AS PER BID SPECIFICATIONS DELIVERED TO ROAD & BRIDGE DISTRICT OFFICE	30 Yds.	No Bid			No Bid		No Bid		No Bid		No Bid	
12 CONCRETE, 6 SACK, 4000 PSI, TX DOT ITEM 421, CLASS C AS PER BID SPECIFICATIONS DELIVERED TO PROJECT JOBSITE WITHIN DALLAS COUNTY	80 Yds.	No Bid			No Bid		No Bid		No Bid		No Bid	
13 HIGH PERFORMANCE COLD MIX AS PER BID SPECIFICATIONS, RAPID ROAD REPAIR R3 OR EQUAL LOADED ON COUNTY TRUCKS AT VENDOR PLANT	100 Tons	No Bid			No Bid		No Bid		No Bid		No Bid	

DALLAS COUNTY BID TABULATION

BID NO. 2011-102-5731

ANNUAL CONTRACT FOR ROAD and HIGHWAY BUILDING MATERIALS

BUYER: SAM COOPER

OPENING DATE: September 12, 2011

CONTRACT PERIOD:

M/W/BE STATUS  
TAXPAYER STATUS  
BID NOTIFICATION

DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	EXTENSION PRICE	VENDOR #7		VENDOR #8		VENDOR #9		VENDOR #10		VENDOR #11	
				Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
14 1,500 TONS OR MORE PER JOB SPECIFY: PLANT LOCATION #1 _____ STREET ADDRESS _____ CITY/STATE/ZIP CODE _____ TELEPHONE NO _____ HOURS OF OPERATION: _____ PLANT LOCATION #2 _____ STREET ADDRESS _____ CITY/STATE/ZIP CODE _____ TELEPHONE NO _____ HOURS OF OPERATION: _____ PLANT LOCATION #3 _____ STREET ADDRESS _____ CITY/STATE/ZIP CODE _____ TELEPHONE NO _____ HOURS OF OPERATION: _____ HOT MIX ASPHALTIC CONCRETE PAVEMENT, TX DOT ITEM 340, TYPE B, INSTALLED OR LAID BY CONTRACTOR PERSONNEL, AS PER BID SPECIFICATIONS	2,000 Tons	No Bid	No Bid	Letter from D. C. Purchasing	Letter from Dallas County	Letter from Dallas County	On Line Search	Letter from Dallas County	PCT 1001 Mt. Lebanon Cedar Hill, TX 75104 Sandy Yalc Tel: 972-291-7474 Fax: 972-291-6924	Cleveland Asphalt Products, Inc. P.O. Box 1149 Shepherd, TX 77371 Clayton Moore Tel: 800-334-0177 Fax: 936-578-8902	Ergon Asphalt & Emulsions, Inc. 11612 RM 2244 Austin, TX 78738 Kody J. Kohl Tel: 512-469-9292 Fax: 512-469-4391	Vance Bros. Inc. 2201 Bruman Ave., Bldg. B Ft. Worth, TX 76106 Greg Fuller Tel: 817-624-0000 Fax: 817-624-0080	Crafto Texas, Inc. 105 Tower Drive San Antonio, TX 78232 William T. Ferchak Tel: 210-496-2070 Fax: 210-496-2722
15 500-1499 TONS PER JOB SPECIFY: PLANT LOCATION #1 _____ STREET ADDRESS _____ CITY/STATE/ZIP CODE _____ TELEPHONE NO _____ HOURS OF OPERATION: _____ PLANT LOCATION #2 _____ STREET ADDRESS _____ CITY/STATE/ZIP CODE _____ TELEPHONE NO _____ HOURS OF OPERATION: _____ PLANT LOCATION #3 _____ STREET ADDRESS _____ CITY/STATE/ZIP CODE _____ TELEPHONE NO _____ HOURS OF OPERATION: _____	1,500 Tons	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	

DALLAS COUNTY BID TABULATION

BID NO. 2011-02-57H  
 ANNUAL CONTRACT FOR ROAD AND HIGHWAY BUILDING MATERIALS  
 BUYER: SAM COOPER  
 OPENING DATE: September 12, 2011  
 CONTRACT PERIOD:  
 MWBE STATUS  
 TAXPAYER STATUS  
 BID NOTIFICATION

VENDOR #7	VENDOR #8	VENDOR #9	VENDOR #10	VENDOR #11
FCT 1001 M. Lehmann Cedar Hill, TX 75104 Sandy Yalc Tel: 972-291-7474 Fax: 972-291-6724	Cleveland Asphalt Products, II P.O. Box 1149 Shepherd, TX 75771 Clayton Moore Tel: 800-334-0177 Fax: 936-629-6502	Ergon Asphalt & Emulsions, II 11012 RM 224 Austin, TX 78728 Kody J. Kohl Tel: 512-460-9292 Fax: 512-460-0391	Vance Bros. Inc. 2201 Bremon Ave. Bldg. B Ft. Worth, TX 76106 Greg Fuller Tel: 817-624-0000 Fax: 817-524-0080	Carfor Texas, Inc. 105 Tower Drive San Antonio, TX 78212 William T. Perckus Tel: 210-496-2070 Fax: 210-496-2732

DESCRIPTION  
 HOT MIX ASPHALTIC CONCRETE PAVEMENT, TX DOT  
 ITEM 340, TYPE B, INSTALLED OR LAD BY CONTRACTOR  
 PERSONNEL, AS PER BID SPECIFICATIONS

ESTIMATED QTY  
 1,000 Tons

UNIT PRICE  
 No Bid

EXTENSION PRICE  
 No Bid

EXTENSION PRICE  
 No Bid

EXTENSION PRICE  
 No Bid

16  
 7.5-499 TONS PER JOB  
 SPECIFY:  
 PLANT LOCATION #1  
 STREET ADDRESS:  
 CITY/STATE/ZIP CODE:  
 TELEPHONE NO:  
 HOURS OF OPERATION:  
 PLANT LOCATION #2  
 STREET ADDRESS:  
 CITY/STATE/ZIP CODE:  
 TELEPHONE NO:  
 HOURS OF OPERATION:  
 PLANT LOCATION #3  
 STREET ADDRESS:  
 CITY/STATE/ZIP CODE:  
 TELEPHONE NO:  
 HOURS OF OPERATION:

17  
 1,500 TONS OR MORE PER JOB  
 SPECIFY:  
 PLANT LOCATION #1  
 STREET ADDRESS:  
 CITY/STATE/ZIP CODE:  
 TELEPHONE NO:  
 HOURS OF OPERATION:  
 PLANT LOCATION #2  
 STREET ADDRESS:  
 CITY/STATE/ZIP CODE:  
 TELEPHONE NO:  
 HOURS OF OPERATION:  
 PLANT LOCATION #3  
 STREET ADDRESS:  
 CITY/STATE/ZIP CODE:  
 TELEPHONE NO:  
 HOURS OF OPERATION:

HOT MIX ASPHALTIC CONCRETE PAVEMENT, TX DOT  
 ITEM 340, TYPE C, INSTALLED OR LAD BY CONTRACTOR  
 PERSONNEL, AS PER BID SPECIFICATIONS

ESTIMATED QTY  
 1,500 Tons

UNIT PRICE  
 No Bid

EXTENSION PRICE  
 No Bid

EXTENSION PRICE  
 No Bid

EXTENSION PRICE  
 No Bid

DALLAS COUNTY BID TABULATION

BID NO. 201-105-5731  
ANNUAL CONTRACT FOR ROAD and HIGHWAY BUILDING MATERIALS

BUYER: SAM COOPER

OPENING DATE: September 12, 2011

CONTRACT PERIOD:

MOVIE STATUS

TAXPAYER STATUS

BID NOTIFICATION

VENDOR #7	VENDOR #8	VENDOR #9	VENDOR #10	VENDOR #11
PCT 1001 W. Latham Cedar Hill, TX 75104 Sandy Yate Tel: 972-291-7474 Fax: 972-291-6224	Cleveland Asphalt Products, Inc. P.O. Box 1449 Shepherd, TX 75771 Clayton Moore Tel: 800-334-0177 Fax: 936-628-6602	Ergon Asphalt & Emulsions, Inc. 11612 KM 224 Austin, TX 78738 Kody J. Kohl Tel: 512-469-9292 Fax: 512-469-4391	Vasec Box, Inc. 2201 Brennan Ave., Bldg. B Ft. Worth, TX 76106 Greg Fuller Tel: 817-624-0000 Fax: 817-624-0000	Cardon Texas, Inc. 105 Tower Drive San Antonio, TX 78232 William T. Forsthe Tel: 210-496-3070 Fax: 210-496-2732

DESCRIPTION	ESTIMATED QTY	VENDOR #7		VENDOR #8		VENDOR #9		VENDOR #10		VENDOR #11	
		UNIT PRICE	EXTENSION								
18 1,500 TONS OR MORE PER JOB SPECIFY: PLANT LOCATION #1 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION: PLANT LOCATION #2 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION: PLANT LOCATION #3 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION: HOT MIX ASPHALTIC CONCRETE PAVEMENT, TX DOT ITEM 340, TYPE D, INSTALLED OR LAID BY CONTRACTOR PERSONNEL, AS PER BID SPECIFICATIONS	2,500 Tons	No Bid	No Bid								
19 500-1499 TONS PER JOB SPECIFY: PLANT LOCATION #1 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION: PLANT LOCATION #2 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION: PLANT LOCATION #3 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION:	1,500 Tons	No Bid	No Bid								

DALLAS COUNTY BID TABULATION		VENDOR #7	VENDOR #8	VENDOR #9	VENDOR #10	VENDOR #11
BID NO. 2011-02-5731 ANNUAL CONTRACT FOR ROAD and HIGHWAY BUILDING MATERIALS BUYER: SAM COOPER OPENING DATE: September 12, 2011 CONTRACT PERIOD: MAKE STATUS TAXPAYER STATUS BID NOTIFICATION		PCT 1001 Mh. Lashmon Cedar Hill, TX 75104 Sandy Yalc Tel: 972-291-7474 Fax: 972-291-6224	Cleveland Asphalt Products, II P.O. Box 1149 Shepherd, TX 75371 Clayton Moore Tel: 800-334-0177 Fax: 936-628-6602	Ergon Asphalt & Emulsions, II 11612 RM 2214 Austin, TX 78738 Kody J. Kohl Tel: 512-469-9292 Fax: 512-469-0391	Vance Bros. Inc. 2201 Brennan Ave., Bldg. B Ft. Worth, TX 76106 Greg Fuller Tel: 817-624-0000 Fax: 817-624-0080	Carfo Trees, Inc. 106 Tower Drive San Antonio, TX 78232 William T. Fretche Tel: 210-496-3070 Fax: 210-496-2732
20	HOT MIX ASPHALTIC CONCRETE PAVEMENT, TX DOT ITEM 340, TYPE D, INSTALLED OR Laid BY CONTRACTOR PERSONNEL, AS PER BID SPECIFICATIONS 7.499 TONS PER JOB SPECIFY: PLANT LOCATION #1 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION: PLANT LOCATION #2 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION: PLANT LOCATION #3 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION:	ESTIMATED QTY 1,000 Tons UNIT PRICE No Bid EXTENSION PRICE No Bid	ESTIMATED QTY 1,000 Tons UNIT PRICE No Bid EXTENSION PRICE No Bid	ESTIMATED QTY 1,000 Tons UNIT PRICE No Bid EXTENSION PRICE No Bid	ESTIMATED QTY 1,000 Tons UNIT PRICE No Bid EXTENSION PRICE No Bid	ESTIMATED QTY 1,000 Tons UNIT PRICE No Bid EXTENSION PRICE No Bid
21	HOT MIX ASPHALTIC CONCRETE PAVEMENT, TXDOT ITEM 340, TYPE B, LOADED ON COUNTY TRUCKS AT VENDOR PLANT SPECIFY: PLANT LOCATION #1 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION: PLANT LOCATION #2 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION: PLANT LOCATION #3 STREET ADDRESS: CITY/STATE/ZIP CODE: TELEPHONE NO: HOURS OF OPERATION:	ESTIMATED QTY 2,000 Tons UNIT PRICE No Bid EXTENSION PRICE No Bid	ESTIMATED QTY 2,000 Tons UNIT PRICE No Bid EXTENSION PRICE No Bid	ESTIMATED QTY 2,000 Tons UNIT PRICE No Bid EXTENSION PRICE No Bid	ESTIMATED QTY 2,000 Tons UNIT PRICE No Bid EXTENSION PRICE No Bid	ESTIMATED QTY 2,000 Tons UNIT PRICE No Bid EXTENSION PRICE No Bid

DALLAS COUNTY BID TABULATION

BID NO. 201-102-57H  
ANNUAL CONTRACT FOR ROAD and HIGHWAY BUILDING MATERIALS

BUYER: SAM COOPER

OPENING DATE: September 12, 2011

CONTRACT PERIOD:

MOVIE STATUS

TAXPAYER STATUS

BID NOTIFICATION

DESCRIPTION	ESTIMATED QTY	UNIT	VENDOR #7		VENDOR #8		VENDOR #9		VENDOR #10		VENDOR #11	
			PRICE	EXTENSION	PRICE	EXTENSION	PRICE	EXTENSION	PRICE	EXTENSION	PRICE	EXTENSION
22 HOT MIX ASPHALTIC CONCRETE PAVEMENT, TYPED LOADED ON COUNTY TRUCKS AT VENDOR PLANT SPECIFY: PLANT LOCATION #1 STREET ADDRESS _____ CITY/STATE/ZIP CODE _____ TELEPHONE NO _____ HOURS OF OPERATION: _____ PLANT LOCATION #2 STREET ADDRESS _____ CITY/STATE/ZIP CODE _____ TELEPHONE NO _____ HOURS OF OPERATION: _____ PLANT LOCATION #3 STREET ADDRESS _____ CITY/STATE/ZIP CODE _____ TELEPHONE NO _____ HOURS OF OPERATION: _____ HOT MIX ASPHALTIC CONCRETE PAVEMENT, TYPED ITEM 340, TYPE D, NO SHINGLES, ALL VIRGIN ASPHALT	30,000 Tons		Yes Letter from D. C. Purchasing		No Letter from Dallas County		No Letter from Dallas County		No On Line Search		No Letter from Dallas County	
23 LOADED ON COUNTY TRUCKS AT VENDOR PLANT SPECIFY: PLANT LOCATION #1 STREET ADDRESS _____ CITY/STATE/ZIP CODE _____ TELEPHONE NO _____ HOURS OF OPERATION: _____ PLANT LOCATION #2 STREET ADDRESS _____ CITY/STATE/ZIP CODE _____ TELEPHONE NO _____ HOURS OF OPERATION: _____ PLANT LOCATION #3 STREET ADDRESS _____ CITY/STATE/ZIP CODE _____ TELEPHONE NO _____ HOURS OF OPERATION: _____	11,000 Tons		No Bid		No Bid		No Bid		No Bid		No Bid	

DALLAS COUNTY BID TABULATION		VENDOR #7		VENDOR #8		VENDOR #9		VENDOR #10		VENDOR #11	
BID NO. 201-102-5731 ANNUAL CONTRACT FOR ROAD and HIGHWAY BUILDING MATERIALS BUYER: SAM COOPER OPENING DATE: September 12, 2011 CONTRACT PERIOD: _____ MOVE STATUS _____ TAXPAYER STATUS _____ BID NOTIFICATION _____											
24	ASPHALT EMULSION PRIME AS PER BID SPECIFICATIONS, MARTIN ASPHALT COMPANY A-E-P OR EQUAL. DELIVERED TO PROJECT JOBSITE WITHIN DALLAS COUNTY SPECIFY: _____ BRAND: _____ PRODUCT NO: _____ MINIMUM TRUCKLOAD: _____ PLANT LOCATION: _____ STREET ADDRESS: _____ CITY/STATE/ZIP CODE: _____ TELEPHONE NO: _____ HOURS OF OPERATION: _____	12,000 GA.	No Bid	Cedar Hill, TX 75104 Sandy Yate Tel: 972-291-7474 Fax: 972-291-5224	Cleveland Asphalt Products, Inc. P.O. Box 148 Shepherd, TX 75771 Clayton Moore Tel: 800-334-0177 Fax: 936-628-6602	Austin, TX 78738 Kody J. Kohl Tel: 512-469-9292 Fax: 512-469-0391	Ft. Worth, TX 76106 Greg Fuller Tel: 817-624-0000 Fax: 817-624-0080	San Antonio, TX 78232 William T. Fretche Tel: 210-496-2070 Fax: 210-496-2732			
25	ASPHALT EMULSION, RAPID SETTING (TABLE 6 OR 8), AS PER BID SPECIFICATIONS, MARTIN ASPHALT CRS-2 OR EQUAL. LOADED ON COUNTY TRUCKS AT VENDOR PLANT SPECIFY: _____ BRAND: _____ PRODUCT NO: _____ MINIMUM TRUCKLOAD: _____ PLANT LOCATION: _____ STREET ADDRESS: _____ CITY/STATE/ZIP CODE: _____ TELEPHONE NO: _____ HOURS OF OPERATION: _____	16,000 GA.	No Bid	\$3,1211 \$37,453.20 A-E-Prime 5,000 gallons 100 Asphalt Lane Shepherd, TX 77371 800-334-0177 8AM - 5PM	Letter from Dallas County UNIT PRICE \$3,3450 EXTENSION \$40,140.00 Eigon A-E-P 5,500 gallons 1820 Highway 6 East Waco, TX 76705 254-753-5885 8AM - 5PM M-F	Letter from Dallas County UNIT PRICE \$2,40 EXTENSION \$38,400.00 No Bid Eigon CRS-2 N/A 1820 Highway 6 East Waco, TX 76705 254-753-5885 8AM - 5PM M-F	On Line Search UNIT PRICE No Bid EXTENSION No Bid	Letter from Dallas County UNIT PRICE No Bid EXTENSION No Bid			
26	ASPHALT EMULSION, RAPID SETTING (TABLE 6 OR 8), AS PER BID SPECIFICATIONS, MARTIN ASPHALT CRS-2 OR EQUAL. DELIVERED TO PROJECT JOBSITE WITHIN DALLAS COUNTY SPECIFY: _____ BRAND: _____ PRODUCT NO: _____ MINIMUM TRUCKLOAD: _____ PLANT LOCATION: _____ STREET ADDRESS: _____ CITY/STATE/ZIP CODE: _____ TELEPHONE NO: _____ HOURS OF OPERATION: _____	80,000 GA.	No Bid	\$2,4211 \$193,688.00 CRS-2 100 Asphalt Lane Shepherd, TX 77371 800-334-0177 8AM - 5PM	Letter from Dallas County UNIT PRICE \$2,5450 EXTENSION \$203,600.00 No Bid Eigon CRS-2 5,500 gallons 1820 Highway 6 East Waco, TX 76705 254-753-5885 8AM - 5PM M-F	On Line Search UNIT PRICE No Bid EXTENSION No Bid	Letter from Dallas County UNIT PRICE No Bid EXTENSION No Bid				

DALLAS COUNTY BID TABULATION

BID NO. 2011-102-5731  
ANNUAL CONTRACT FOR ROAD and HIGHWAY BUILDING MATERIALS

BUYER: SAM COOPER

OPENING DATE: September 12, 2011

CONTRACT PERIOD:

NUMBER STATUS  
TAXPAYER STATUS  
BID NOTIFICATION

DESCRIPTION	ESTIMATED QUANTITY	UNIT	VENDOR #7		VENDOR #8		VENDOR #9		VENDOR #10		VENDOR #11				
			PRICE	EXTENSION	PRICE	EXTENSION	PRICE	EXTENSION	PRICE	EXTENSION	PRICE	EXTENSION			
27 ASPHALT EMULSION, MEDIUM SETTING (TABLE 6 OR 8), AS PER BID SPECIFICATIONS, PROFESSIONAL COATING TECHNOLOGIES MCS-600C OR EQUAL.  LOADED ON COUNTY TRUCKS AT VENDOR PLANT SPECIFY: BRAND: _____ PRODUCT NO: _____ MINIMUM TRUCKLOAD: _____ PLANT LOCATION: _____ STREET ADDRESS: _____ CITY/STATE/ZIP CODE: _____ TELEPHONE NO: _____ HOURS OF OPERATION: _____  ASPHALT EMULSION, MEDIUM SETTING (TABLE 6 OR 8), AS PER BID SPECIFICATIONS, PROFESSIONAL COATING TECHNOLOGIES MCS-600C OR EQUAL.	20,000 GA		PCT 1001 Mt. Lebanon Cedar Hill, TX 75104 Sandy Yale Tel: 972-291-7474 Fax: 972-291-5224	\$3.63	\$72,600.00	Greendale Asphalt Products, Inc. P.O. Box 149 Shepherd, TX 77371 Clayton Moore Tel: 800-334-0177 Fax: 936-628-6602	No Bid	Letter from Dallas County	No Bid	Letter from Dallas County	No Bid	On Line Search	No Bid	Letter from Dallas County	No Bid
28 DELIVERED TO PROJECT JOBSITE WITHIN DALLAS COUNTY SPECIFY: BRAND: _____ PRODUCT NO: _____ MINIMUM TRUCKLOAD: _____ PLANT LOCATION: _____ STREET ADDRESS: _____ CITY/STATE/ZIP CODE: _____ TELEPHONE NO: _____ HOURS OF OPERATION: _____	6,000 GA		MCS-600-C 1001 Mt. Lebanon Cedar Hill, TX 75104 972-291-7474X107 8AM - 4PM M-F	\$3.78	\$22,680.00	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
29 ASPHALT EMULSION, POLYMER MODIFIED, RAPID SETTING (TABLE 9), AS PER BID SPECIFICATIONS, MARTIN ASPHALT CRS-2P OR EQUAL.  LOADED ON COUNTY TRUCKS AT VENDOR PLANT SPECIFY: BRAND: _____ PRODUCT NO: _____ MINIMUM TRUCKLOAD: _____ PLANT LOCATION: _____ STREET ADDRESS: _____ CITY/STATE/ZIP CODE: _____ TELEPHONE NO: _____ HOURS OF OPERATION: _____	6,000 GA		No Bid	No Bid	\$2.80	\$16,800.00	\$3.00	\$18,000.00	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid

DALLAS COUNTY BID TABULATION

BID NO. 2011025731  
 ANNUAL CONTRACT FOR ROAD and HIGHWAY BUILDING MATERIALS  
 BUYER: SAM COOPER  
 OPENING DATE: September 12, 2011  
 CONTRACT PERIOD:  
 MWBE STATUS  
 TAXPAYER STATUS  
 BID NOTIFICATION

		VENDOR #7	VENDOR #8	VENDOR #9	VENDOR #10	VENDOR #11
FCT 1001 Mt. Lebanon Cedar Hill, TX 75104 Sandy Year Tel: 972-291-7474 Fax: 972-291-6224		Cleveland Asphalt Products, Inc. P.O. Box 1489 Shepherd, TX 77371 Clayton Moore Tel: 800-334-0177 Fax: 936-625-6602	Ergon Asphalt & Emulsions, Inc. 11612 RM 2214 Austin, TX 78738 Kody J. Kuhl Tel: 512-469-9292 Fax: 512-469-9391	Vance Bros. Inc. 1201 Brennan Ave., Bldg. B Ft. Worth, TX 76106 Greg Fuller Tel: 817-624-0060 Fax: 817-624-0080	Cerco Texas, Inc. 105 Tower Drive San Antonio, TX 78232 William T. Fretsch Tel: 210-496-2070 Fax: 210-496-2732	
30 ASPHALT EMULSION POLYMER MODIFIED, RAPID SETTING (TABLE 9), AS PER BID SPECIFICATIONS. MARTIN ASPHALT CRS-2P OR EQUAL. DELIVERED TO PROJECT JOBSITE WITHIN DALLAS COUNTY	ESTIMATED QUANTITY 6,000 GA	UNIT PRICE No Bid	UNIT PRICE \$3,0211	UNIT PRICE \$3,1450	UNIT PRICE No Bid	UNIT PRICE No Bid
EXTENSION \$22,920.00		EXTENSION \$18,726.60	EXTENSION \$18,870.00	EXTENSION No Bid	EXTENSION No Bid	EXTENSION No Bid
31 ASPHALT ROAD SEALER, AS PER BID SPECIFICATIONS. PROFESSIONAL COATING TECHNOLOGIES COS-50 OR EQUIVALENT. DELIVERED TO PROJECT JOBSITE WITHIN DALLAS COUNTY		UNIT PRICE No Bid	UNIT PRICE No Bid	UNIT PRICE No Bid	UNIT PRICE No Bid	UNIT PRICE No Bid
EXTENSION \$3,822		EXTENSION No Bid	EXTENSION No Bid	EXTENSION No Bid	EXTENSION No Bid	EXTENSION No Bid
32 EQUIVALENT. REPLENISHING AGENT, AS PER BID SPECIFICATIONS. PROFESSIONAL COATING TECHNOLOGIES ARE-68 OR EQUIVALENT. LOADED ON COUNTY TRUCKS AT VENDOR PLANT		UNIT PRICE \$3.78	UNIT PRICE No Bid	UNIT PRICE No Bid	UNIT PRICE No Bid	UNIT PRICE No Bid
EXTENSION \$22,560.00		EXTENSION No Bid	EXTENSION No Bid	EXTENSION No Bid	EXTENSION No Bid	EXTENSION No Bid
1001 Mt. Lebanon Cedar Hill, TX 75104 972-291-7474 X107 BMM - 4PM M-F						

DALLAS COUNTY BID TABULATION		VENDOR #7		VENDOR #8		VENDOR #9		VENDOR #10		VENDOR #11	
BID NO. 2011-102-5731 ANNUAL CONTRACT FOR ROAD AND HIGHWAY BUILDING MATERIALS BUYER: SAM COOPER OPENING DATE: September 12, 2011 CONTRACT PERIOD: MWBE STATUS TAXPAYER STATUS BID NOTIFICATION											
33 EQUAL DELIVERED TO PROJECT JOBSITE WITHIN DALLAS COUNTY SPECIFY BRAND: ARE-88 MINIMUM TRUCKLOAD PLANT LOCATION STREET ADDRESS CITY/STATE/ZIP CODE TELEPHONE NO HOURS OF OPERATION:		12,000 GA \$3.91 \$46,920.00	Letter from D. C. Purchasing Yes	1001 Mt. Lebanon Cedar Hill, TX 75104 Sandy Yalc Tel: 972-291-7474 Fax: 972-291-6224	Cleveland Asphalt Products, Inc. P.O. Box 1449 Shepherd, TX 75751 Clayton Moore Tel: 806-334-0177 Fax: 936-628-6602	Letter from Dallas County No	Austin, TX 78738 Rudy J. Kohl Tel: 512-469-9292 Fax: 512-469-0391	Letter from Dallas County No	Ft. Worth, TX 76106 Greg Fuller Tel: 817-624-0000 Fax: 817-624-0000	On Line Search No	San Antonio, TX 78232 William T. Fretche Tel: 210-496-2078 Fax: 210-496-2732
34 HONT SEALANT HOT POURED RUBBER, AS PER BID SPECIFICATIONS. CHARGO POLYFLEX TYPE 3 OR EQUAL DELIVERED TO ROAD AND BRIDGE DISTRICT OFFICE SPECIFY BRAND: PRODUCT NO. MINIMUM TRUCKLOAD PLANT LOCATION STREET ADDRESS CITY/STATE/ZIP CODE TELEPHONE NO HOURS OF OPERATION:		95,000 LBS. No Bid	Letter from Dallas County No Bid	1001 Mt. Lebanon Cedar Hill, TX 75104 972-291-7474X107 8AM - 4PM M-F	No Bid	Letter from Dallas County No Bid	No Bid	Maxwell Products Inc. Elastoflex 65 45,000 lbs. 2201 Brennan Ave., Bldg. B Ft. Worth, TX 76106 817-624-0000 8AM - 5PM M-F	Letter from Dallas County No Bid	Cerico Polyflex 3 34521 45,000 lbs. 121 Industrial Park Road Halls, TN 38040 731-836-5002 7AM - 4PM	
35 LOADED ON COUNTY TRUCKS AT VENDOR PLANT SPECIFY BRAND: PRODUCT NO. MINIMUM TRUCKLOAD PLANT LOCATION STREET ADDRESS CITY/STATE/ZIP CODE TELEPHONE NO HOURS OF OPERATION:		21,000 GA 3.78 79,380.00	Letter from Dallas County No Bid	PPHM-50 1001 Mt. Lebanon Cedar Hill, TX 75104 972-291-7474X107 8AM - 4PM M-F	Letter from Dallas County No Bid	Letter from Dallas County No Bid	Letter from Dallas County No Bid	Letter from Dallas County No Bid	Letter from Dallas County No Bid	Letter from Dallas County No Bid	

DALLAS COUNTY BID TABULATION

BID NO. 2011-02-5731  
ANNUAL CONTRACT FOR ROAD AND HIGHWAY BUILDING MATERIALS

BUYER: SAM COOPER

OPENING DATE: September 12, 2011

CONTRACT PERIOD:

MOVIE STATUS  
TAXPAYER STATUS  
BID NOTIFICATION

DESCRIPTION	ESTIMATED QTY	UNIT	VENDOR #7		VENDOR #8		VENDOR #9		VENDOR #10		VENDOR #11	
			PRICE	EXTENSION	PRICE	EXTENSION	PRICE	EXTENSION	PRICE	EXTENSION	PRICE	EXTENSION
36) LIME SLURRY, TYPE B, TXDOT 244.2 ITEM (A) (B) DELIVERED AND SPREAD BY SUPPLIER AT PROJECT SITES) WITHIN DALLAS COUNTY	5,000 Tons	No Bid	Yes	Letter from D. C. Purchasing	No	Letter from Dallas County	No	Letter from Dallas County	No	On Line Search	No	Letter from Dallas County
37) SUPERSLURRY™ OR EQUAL LOADED ON COUNTY TRUCKS AT VENDOR PLANT	1,400 Tons	No Bid	Yes	Letter from Dallas County	No	Letter from Dallas County	No	Letter from Dallas County	No	On Line Search	No	Letter from Dallas County
38) LOADED CEMENT SLURRY, TEXAS INDUSTRIES DELIVERED AND SPREAD BY SUPPLIER AT PROJECT SITES) WITHIN DALLAS COUNTY	1,050 Tons	No Bid	Yes	Letter from Dallas County	No	Letter from Dallas County	No	Letter from Dallas County	No	On Line Search	No	Letter from Dallas County
Please specify below any other charges/fees for the required services listed herein. The charges/fees shall be listed on the invoice as a separate line item cost. Damage Charge (use of common carrier) \$ _____/hr. after _____ hour(s) Damage Charge (use of own equipment) \$ _____/hr. after _____ hour(s) Pump and Hoses Charge \$ _____/line charge Handling Cost in excess of four (4) miles from nearest plant to job site (refer to items 14-20 above) \$ _____/ton mile Bid/ton mile Move in Charge (refer to the products listed for items 14-20 above) \$ _____/flat charge Other charges/fees (if any) not listed but required to the performance of this contract Name of Charge/Fee _____ Rate/Price \$ _____												

DALLAS COUNTY BID TABULATION		VENDOR #7	VENDOR #8	VENDOR #9	VENDOR #10	VENDOR #11
<b>BID NO. 2011-02-5731</b> <b>ANNUAL CONTRACT FOR ROAD and HIGHWAY BUILDING MATERIALS</b> <b>BUYER: SAM COOPER</b> <b>OPENING DATE: September 12, 2011</b> <b>CONTRACT PERIOD:</b> <b>MOVIE STATUS:</b> <b>TAXPAYER STATUS:</b> <b>BID NOTIFICATION:</b>		<b>PCT</b> 1001 Mt. Lebanon Cedar Hill, TX 75104 Sandy Yade Tel: 972-291-7474 Fax: 972-291-142724	Cleveland Asphalt Products, Inc. P.O. Box 1149 Shepherd, TX 77371 Clayton Moore Tel: 800-334-0177 Fax: 936-625-8602	Ergon Asphalt & Emulsions, Inc. 11612 RM 224 Austin, TX 78738 Kody J. Kohl Tel: 512-469-9292 Fax: 512-469-0391	Vance Bros, Inc. 2201 Brennan Ave., Bldg. B Ft. Worth, TX 76106 Greg Fuller Tel: 817-624-0090 Fax: 817-624-0080	Cardo Texas, Inc. 105 Tower Drive San Antonio, TX 78232 William T. Forchis Tel: 210-496-2070 Fax: 210-496-4732
Name of Change/Fee _____ Rate/Price \$ _____ Name of Change/Fee _____ Rate/Price \$ _____ Name of Change/Fee _____ Rate/Price \$ _____ Name of Change/Fee _____ Rate/Price \$ _____ Specify any additional comments, if applicable:		Letter from D. C. Purchasing Yes No	Letter from Dallas County No	Letter from Dallas County No Return Freight 1/2 Of Outgoing Tariff	On Line Search No Yes	Letter from Dallas County No Yes
Specify <i>Freight Early Payment Discount Terms (if any)</i> : _____ % Days. Payment terms with no discount are Net 30 days. upon receipt of proper invoice and verification that the services and products have been completed in accordance with specification requirements in the Dallas County Auditor's Office. The award of this bid will not be based on promply early payment discounts.		2% 15 days	2% 10 days	This bid is for full transport	30 days	30 days
Did your company check Dallas County website for any addendums, updates, and/or changes to the bid solicitation? YES _____ NO _____		Yes	Yes	Yes	Yes	Yes
Are the specifications on the mixture design included with your bid proposal? Yes _____ No _____		Yes	N/A	Yes	Yes	Yes
Is the customer reference information included with your bid proposal? Yes _____ No _____		Yes	Yes	Yes	Yes	Yes
Would your firm/company be willing to accept a secondary award to provide the products described herein in the absence of the primary Supplier's Price would remain the same as those provided on the bid documents for the duration of the contract agreement (including extensions)? Yes _____ No _____		Yes	Yes	Yes	Yes	Yes
Deliveries will be within _____ hours after receipt of order request by Dallas County authorized representative Emergency deliveries can be provided within _____ hours notice		24	20 or 24	2	144	7-10 days N/A

DALLAS COUNTY BID TABULATION

BID NO. 2011-1025731  
 ANNUAL CONTRACT FOR ROAD and HIGHWAY BUILDING MATERIALS  
 BUYER: SAM COOPER  
 OPENING DATE: September 12, 2011  
 CONTRACT PERIOD:

	VENDOR #7	VENDOR #8	VENDOR #9	VENDOR #10	VENDOR #11
BUYER:	SAM COOPER				
OPENING DATE:	September 12, 2011				
CONTRACT PERIOD:					
MWBE STATUS	No	No	No	No	No
TAXPAYER STATUS	Letter from D. C. Purchasing	Letter from Dallas County	Letter from Dallas County	On Line Search	Letter from Dallas County
BID NOTIFICATION					

DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	EXTENSION PRICE						

DALLAS COUNTY BID TABULATION

BID NO. 2011-02-5731  
ANNUAL CONTRACT FOR ROAD AND HIGHWAY BUILDING MATERIALS

BUYER: SAM COOPER

OPENING DATE: September 12, 2011

CONTRACT PERIOD:

MM/YY STATUS  
TAXPAYER STATUS  
BID NOTIFICATION

DESCRIPTION	VENDOR #7		VENDOR #8		VENDOR #9		VENDOR #10		VENDOR #11	
	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION
Specify the telephone number for ordering products covered under this solicitation. Telephone Number: _____	972-291-7474X107	800-334-0177	972-291-7474X107	800-334-0177	254-753-5885	817-624-0000	210-496-2070	210-496-2070	210-496-2070	210-496-2070
Specify the name, telephone number, and e-mail address of the account representative who will be handling this account: Contact Name: _____ Telephone No: _____ E-Mail Address: _____	Sandy Yale 972-291-7474X107 sandy.yale@dchworldwide.com	Clayton Moore 800-334-0177 cmvsmoore@msn.com	Kody J. Kohl 512-574-9880 kody.kohl@ericon.com	Greg Fuller 817-588-2533 gfuller@vancebrotthers.com	Bret Budis 210-496-2070 bbudis@crccoradexas.com	Letter from D. C. Purchasing	Letter from Dallas County	Letter from Dallas County	On Line Search	Letter from Dallas County
Specify the Alternative (Back-Up) Contact Person: Contact Name: _____ Telephone No: _____ E-Mail Address: _____	Chandra Flanagan 972-291-7474X107 chandra.flanagan@dchworldwide.com	Craig C. Moore 800-334-0177 ccmoore@msn.com	David Stroud 254-715-3921 david_stroud@ericon.com	John Kling 817-944-2899 jklng@vancebrotthers.com	Sam Carson 210-496-2070 sncarson@crccoradexas.com	Yes	Yes	Yes	Yes	Yes
Should your firm be awarded this contract, describe what (if any) portion of the bid requirements will be subcontracted out:  <i>(Cooperative Purchasing: Should other Governmental Entities decide to participate in this contract, would you, the awarded contractor agree that all terms, conditions, specifications, and pricing would apply to that entity?)</i>  Yes _____ NO _____  Note: All purchases by Governmental Entities other than Dallas County will be billed directly to that Governmental Entity and paid by that Governmental Entity. Dallas County will not be responsible for other Governmental Entity's debt.  Does your firm comply with the required insurance coverage stated under SECTION 3 - INSURANCE? <i>(REQUIRED: BIDDERS must agree to comply with these requirements during the duration of this contract?)</i>  Yes _____ NO _____  If No, will your firm be able to acquire the required coverage within ten (10) days upon notification of contract award?	Yes	Yes	None	Yes	No	Yes	Yes	Yes	Yes	Yes

DALLAS COUNTY BID TABULATION

BID NO. 2001-1402-5731  
ANNUAL CONTRACT FOR ROAD AND HIGHWAY BUILDING MATERIALS.

BUYER: SAM COOPER

OPENING DATE: September 12, 2011

CONTRACT PERIOD:

MAJOR STATUS  
TAXPAYER STATUS  
BID NOTIFICATION

DESCRIPTION	VENDOR #7			VENDOR #8			VENDOR #9			VENDOR #10			VENDOR #11		
	ESTIMATED QUANTITY	UNIT PRICE	EXTENSION	ESTIMATED QUANTITY	UNIT PRICE	EXTENSION	ESTIMATED QUANTITY	UNIT PRICE	EXTENSION	ESTIMATED QUANTITY	UNIT PRICE	EXTENSION	ESTIMATED QUANTITY	UNIT PRICE	EXTENSION
<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>NOTE: Any vendor that conducts business with Dallas County, whether it is for goods and/or services, must maintain lawful worker's compensation/retired employee coverage requirements and adequate liability limitations. SEE Page 3, Paragraph 3</p> <p><u>Information on Provision of Health Insurance Coverage for Employees</u> Dallas County may consider the provision of health insurance coverage for employees in the bid evaluation process (see page 5, paragraph 4) and attachment A. Please complete the information below to assist in this evaluation.</p> <p>Does your company provide health insurance coverage to its employees? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>If your company does provide health insurance coverage to its employees, does the company share in the cost a minimum of 75% for employee only coverage and 50% for family coverage? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>If your company provides health insurance coverage to its employees, is the coverage comparable to the services provided by Dallas County as described in the attached summary plan description? (See Attachment A) Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>If your company plans to utilize subcontractors in the fulfillment of this bid, does each of the subcontractors provide health insurance coverage to their employees that compares to Dallas County's health insurance coverage and share in the cost? Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>PCT 1001 Mt. Lebanon Cedar Hill, TX 75104 Sandy Yalc Tel: 972-291-7474 Fax: 972-291-4924</p>	<p>Cleveland Asphalt Products, Inc. P.O. Box 1149 Shepherd, TX 75371 Clayton Moore Tel: 800-334-0177 Fax: 936-428-6902</p>	<p>Ergon Asphalt &amp; Emulsions, Inc. 11612 RM 2214 Austin, TX 78738 Kody J. Kohl Tel: 512-468-9292 Fax: 512-409-4391</p>	<p>Vance Bros. Inc. 2201 Brennan Ave., Bldg. B Fl. Worth, TX 76106 Greg Fuller Tel: 817-424-0000 Fax: 817-424-0080</p>	<p>Crafto Texas, Inc. 105 Tower Drive San Antonio, TX 78232 William T. Frensch Tel: 210-496-3070 Fax: 210-496-3732</p>										
	Letter from D. C. Purchasing	Letter from Dallas County	Letter from Dallas County	On Line Search	Letter from Dallas County										
	Yes	Yes	Yes	No	Yes										
	No	Yes	Yes	No	Yes										
	Yes	Yes	Yes	No	Yes										
	No	Yes	Yes	No	Yes										
	No	N/A	N/A	N/A	N/A										

DALLAS COUNTY BID TABULATION  
 BID NO. 2011-102-5731  
 ANNUAL CONTRACT FOR ROAD and HIGHWAY BUILDING MATERIALS

BUYER: SAM COOPER  
 OPENING DATE: September 12, 2011  
 CONTRACT PERIOD:  
 M/V/M/B STATUS  
 TAXPAYER STATUS  
 BID NOTIFICATION

DESCRIPTION	VENDOR #7		VENDOR #8		VENDOR #9		VENDOR #10		VENDOR #11	
	ESTIMATED QUANTITY	UNIT PRICE	ESTENSION	UNIT PRICE	ESTENSION	UNIT PRICE	ESTENSION	UNIT PRICE	ESTENSION	UNIT PRICE
In the event Dallas County elects to give a preference to a bidder who provides comparable health insurance, that bidder and any subcontractors will be required to provide additional documentation of the declared health insurance coverage.  For statistical purposes:  Please indicate to Dallas County whether the principal company owner is a: (Please check one)  <input type="checkbox"/> Dallas County Tax Payer <input type="checkbox"/> Other County Tax Payer  Please indicate whether your company is certified through an agency "other than" North Central Texas Regional Certification Agency (NCTRCAV) (Example: Statewide Historically Underutilized Business (HUB) Program, MBE, DBE, SBA, SBA, Veteran, 8(a))  Yes _____ No _____  If yes, please provide the agency name and the applicable certification number below:  Certifying Agency Name: _____ Registration or Certification Number: _____ Expiration Date: _____  Please indicate the manner in which you were notified of this solicitation: <input type="checkbox"/> Daily Commercial Record <input type="checkbox"/> Dallas County Website <input type="checkbox"/> Letter from Dallas County Purchasing Department <input type="checkbox"/> Other specify: _____  Thank you										



# City of Rowlett

## Staff Report

4000 Main Street  
P.O. Box 99  
Rowlett, TX 75080-0099  
www.rowlett.com

**AGENDA DATE:** 01/07/14

**AGENDA ITEM:** 7C

### **TITLE**

Consider action to adopt an ordinance updating the City of Rowlett's Standard Construction Details by adopting comprehensive specifications and requirements for the construction of public works, and repealing Part III of Volume II of the Code of Ordinances and amending sections 78-1 and 78-2 of the Code.

### **STAFF REPRESENTATIVE**

Sherrelle R. Diggs, P.E., Civil Engineer  
Samantha Renz, P.E., Regulatory Engineer

### **SUMMARY**

The City Council adopted the 2005 Standard Construction Details Code on August 2, 2005 (Ordinance Number ORD-39-05). Since 2005, there have been revisions to the North Central Texas Council of Governments (NCTCOG) Standard Details. With these changes, Value Engineering has been added, which requires changes to the current City Standard Construction Details.

The purpose of the City of Rowlett's Standard Specifications and Details is to provide a resource for various design and construction professionals inside the City and within its Extraterritorial Jurisdiction (ETJ) for public works construction projects. The standards shall apply to all construction on public property, rights-of-way and private property to ensure safety and functionality of systems serving residents and/or connecting to systems maintained by the City of Rowlett.

### **BACKGROUND INFORMATION**

City Standard Construction Details were last updated and approved by City Council on August 2, 2005. At that time, the 1978 Standard Construction Details were supposed to have been removed from the Code. However, the prior details remain in the Code and, while they are superseded by the 2005 details, they need to be removed for clarity. These are often the details Developers, Consultants and Contractors find by searching through MuniCode and the Standards they propose to follow. In addition, Staff has updates to the 2005 Standard Construction Details that need to be made. These updates are based on best practices in the field, surveys from surrounding municipalities on what works and what doesn't, and Staff experience in Rowlett.

Updating the Standard Construction Details has been on the Engineering Department's agenda since August 2011. However, due to higher than anticipated workloads and staff turnover, updates were not completed. Staff has recently held a series of meetings with Planning,

Engineering Assistants, Water, Wastewater and Streets to discuss what standards need to be updated. Staff has gone through each standard detail one by one to address any issues or concerns. With recent increases in development requests and public infrastructures, it has become a priority of Staff's to ensure clear, safe and concise Standard Construction Details are available.

## **DISCUSSION**

Standard Construction Details significantly affect the quality of infrastructure that is built in the City. They also are directly related to development costs and long-term maintenance costs. While private developers cover the development cost for construction on their projects, the City of Rowlett is responsible for maintenance and follows these standards when constructing Capital Improvement Projects. It is important to have balanced standards that are cost effective and technically correct.

The NCTCOG puts out a package of standard details from time to time that Cities can adopt and modify to meet their development criteria. These standards are calibrated for the general area. The City of Rowlett currently operates under the 3<sup>rd</sup> Edition published by the NCTCOG with some modifications that specifically deal with the conditions in the City of Rowlett. The 3<sup>rd</sup> Edition is adopted by reference and then deviations are listed. While a 4<sup>th</sup> Edition has been made available, it does not meet the current needs of the City of Rowlett. The 4<sup>th</sup> Edition does not have as many specific regulations and therefore has fewer teeth for enforcement than the 3<sup>rd</sup> Edition. Therefore, staff proposes to stay with the current edition for the time being but to update our modified standard details. As a note, the 5<sup>th</sup> Edition revision is in progress and the City does have a representative attending meetings on the development of this edition. After the 5<sup>th</sup> Edition is adopted, staff will evaluate its use for the City of Rowlett.

An important aspect of Standard Construction Details is that they are very prescriptive. They do work in most situations and provide consistency throughout the City. In some situations, however, the prescribed standard is not the best solution due to unique topography, soil or new development types. In these situations, staff needs the authority to approve alternative solutions that will have similar performance to the standard detail in order to meet the intent of the code. We have drafted language to allow the Managing Director of Public Works and Development Services and/or his/her designee to approve an alternative to the set standard detail after providing written documentation that the proposed standard will have substantial similar or better performance than the required standard. This is an important safety valve in the code to ensure the City obtains the best possible product.

The current standards are designed for conventional suburban type development. They do work through most of the City. For example, the traditional street designs and parkways require different locations of utilities under the street in order to function efficiently. Standard curb radii and other technical requirements are also modified to make streets more pedestrian oriented. The flexibility discussed above allows Staff to work with Developers and Consultants in these areas to come up with the best solution. However, it is a better practice to have some

standards available, especially for those Developers and Consultants not familiar with City operations.

### **FINANCIAL/BUDGET IMPLICATIONS**

Not applicable

### **RECOMMENDED ACTION**

Staff recommends approving a resolution accepting the updated City of Rowlett Standard Construction Details and approve an ordinance amending Section 78 of the Rowlett Code of Ordinances and removing PART III “General Construction Specifications” of the Rowlett Code of Ordinances.

### **ORDINANCE**

**AN ORDINANCE OF THE CITY OF ROWLETT, TEXAS, REPEALING IN ITS ENTIRETY PART III OF VOLUME II OF THE CODE OF ORDINANCES, CITY OF ROWLETT, TEXAS, TO REPEAL ALL GENERAL CONSTRUCTION SPECIFICATIONS; AMENDING ARTICLE I (“IN GENERAL”) OF CHAPTER 78 (“BUILDINGS AND BUILDING REGULATIONS”) OF VOLUME II OF THE CODE OF ORDINANCES, CITY OF ROWLETT, TEXAS, TO REPLACE SECTION 78-1 AND ADD A NEW SECTION 78-2 TO ADOPT COMPREHENSIVE PLANS, DETAILS, SPECIFICATIONS AND REQUIREMENTS FOR THE CONSTRUCTION OF PUBLIC WORKS INCLUDING STREETS, ALLEYS, UTILITIES, AND OTHER INFRASTRUCTURE; PROVIDING A REPEALING CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A PENALTY OF FINE NOT TO EXCEED THE SUM OF TWO THOUSAND DOLLARS (\$2,000) FOR EACH VIOLATION; AND, PROVIDING AN EFFECTIVE DATE.**

**WHEREAS**, the City Council of the City of Rowlett finds and determines that the City’s existing construction details and specifications for public and private infrastructure, including streets, alleys, pavement, water, sewer and drainage facilities, are outdated, confusing and in some respects contradictory; and

**WHEREAS**, the Council finds and determines that a need exists to update and revise the City’s existing construction standards; and

**WHEREAS**, the Council finds that the adoption of standard construction specifications promulgated by the North Central Texas Council of Governments will insure the installation and construction of adequate and more durable public and private infrastructure; and

**WHEREAS**, in addition to the standard construction specifications promulgated by the North Central Texas Council of Governments, additional construction details and standards that are appropriate for the City’s topographic, geologic, and soil characteristics should be adopted; and

**WHEREAS**, the Council finds that the repeal of existing construction details and specifications, and the adoption of new construction details and specifications are in the best interest of the public health, safety and welfare.

**NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ROWLETT, TEXAS:**

**Section 1.** That the Code of Ordinances, City of Rowlett, Texas, be and the same is hereby amended by repealing Part III of Volume II of the Code of Ordinances, City of Rowlett, Texas, in its entirety. Henceforth, Part III of Volume II of the Code of Ordinances shall be and is hereby reserved for future expansion.

**Section 2.** That the City Council of the City of Rowlett, Texas, hereby adopts the North Central Texas Council of Governments (NCTCOG) Public Works Construction Standards, as amended, which standards are referenced in Section 78-1 of the Code of Ordinances as adopted by this ordinance. The Council further adopts the Rowlett Standard Construction Details, referenced in Section 78-1 of the Code of Ordinances adopted by this ordinance, a true and correct copy of which is attached hereto and by this reference incorporated herein. True and correct copies of the NCTCOG Public Works Construction Standards and the Rowlett Standard Construction Details shall be kept and maintained in the office of the City Secretary and in the office of the Director of Public Works, and shall be made available in those offices for review and reference.

**Section 3.** That Article I (“In General”) of Chapter 78 (“Buildings and Building Regulations”) of Volume II of the Code of Ordinances, City of Rowlett, Texas, be and is hereby amended by repealing and replacing Section 78-1, and adding Section 78-2, such that Sections 78-1 and 78-2 of Article I of Chapter 78 shall henceforth read in their entirety as follows:

## **“CHAPTER 78”**

### **BUILDINGS AND BUILDING REGULATIONS**

#### **ARTICLE I. IN GENERAL**

##### **Sec. 78-1. Standard details adopted.**

There is hereby adopted by reference the North Central Texas Council of Governments (NCTCOG) Public Works Construction Standards, as amended, and the City of Rowlett Standard Construction Details. Copies of the NCTCOG Public Works Construction Standards and the City of Rowlett Standard Construction Details shall be kept and maintained in the offices of the City Secretary and the City’s Director of Public Works.

##### **Sec. 78-2. Conflicts, waivers, interpretation and appeal.**

- (a) In the event of a conflict or inconsistency between the NCTCOG Public Works Construction Standards and the City of Rowlett Standard Construction Details, the City of Rowlett Standard Construction Details shall prevail and be applicable.
- (b) In the event that a standard or requirement is ambiguous or incomplete, the Director of Public Works or his/her designee is delegated the authority to interpret the provisions of the construction standards adopted by this article.
- (c) The Director of Public Works or his/her designee may allow exceptions or waivers, or may impose additional reasonable conditions, if appropriate for varying circumstances or site conditions, and if the Director's determination will not diminish the effectiveness of the construction.
- (d) If the Director's interpretation or determination results in substantially greater cost in the design or construction of the project, the interpretation or determination may be appealed to the City Manager and the City Manager's determination shall be final and binding. In the absence of a substantial cost increase or an appeal as provided for herein, the Director's determination shall be final and binding."

**Section 4.** That the City Council may amend the City of Rowlett Standard Construction Details by resolution, without the necessity of formal ordinance. Future amendments to the North Central Texas Council of Governments Public Works Construction Standards shall be automatically incorporated and included in the standards imposed herein as said amendments are approved and promulgated by the North Central Texas Council of Governments.

**Section 5.** That all ordinances of the City of Rowlett, Texas, in conflict with the provisions of this ordinance be and the same are hereby repealed and all other ordinances of the City not in conflict with the provisions of this ordinance shall remain in full force and effect.

**Section 6.** That an offense committed before the effective date of this ordinance is governed by the prior law and the provisions of the Code of Ordinances, as amended, in effect when the offense was committed and the former law is continued in effect for this purpose.

**Section 7.** That should any sentence, paragraph, subdivision, clause, phrase or section of this ordinance be adjudged or held to be unconstitutional, illegal or invalid, the same shall not affect the validity of this ordinance as a whole, or any part or provision hereof other than the part so decided to be invalid, illegal or unconstitutional, and shall not affect the validity of the Code of Ordinances as a whole.

**Section 8.** That any person, firm or corporation violating any of the provisions or terms of this ordinance shall be subject to the same penalty as provided for in the Code of Ordinances of the City of Rowlett, as heretofore amended, and upon conviction shall be punished by a fine not to exceed the sum of two thousand dollars (\$2,000.00) for each offense.

**Section 9.** That this ordinance shall take effect immediately from and after its passage and the publication of the caption, as the law and Charter in such case provide.

**ATTACHMENT**

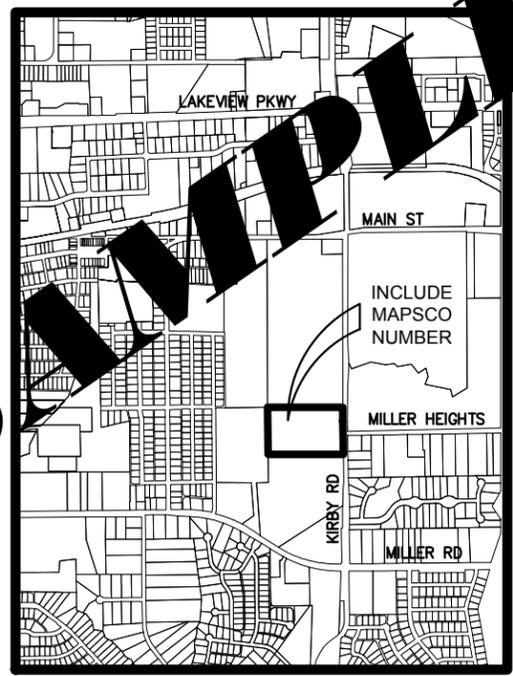
Exhibit A – Updated City Standard Construction Details

(DEVELOPMENT NAME)  
 ADDRESS  
 CITY OF ROWLETT, TEXAS  
 CONSTRUCTION PLANS

Exhibit A



**SAMPLE**



PROJECT VICINITY MAP  
 (Plan date)

OWNER:  
 NAME  
 ADDRESS  
 PHONE

SUBMITTED BY: FIRM NAME  
 NAME  
 ADDRESS  
 PHONE  
 TX REG. #

ENGINEERING FIRM LOGO  
 (ENG. SEAL)

(ENG. SIGNATURE) (DATE)  
 ENGINEER NAME, PE DATE

INDEX OF SHEETS

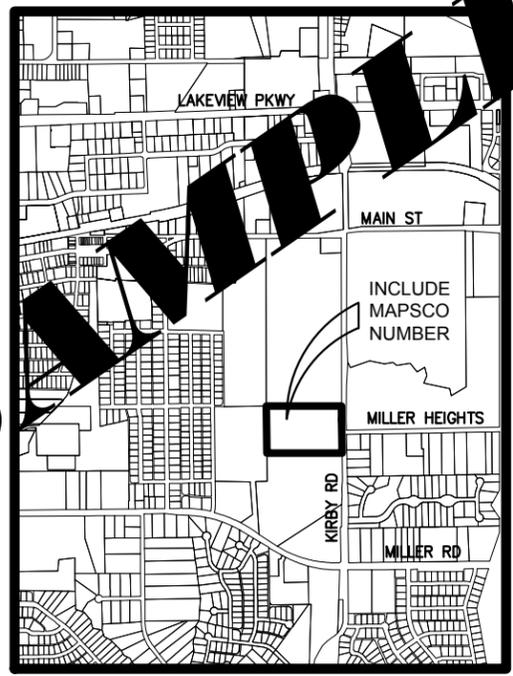
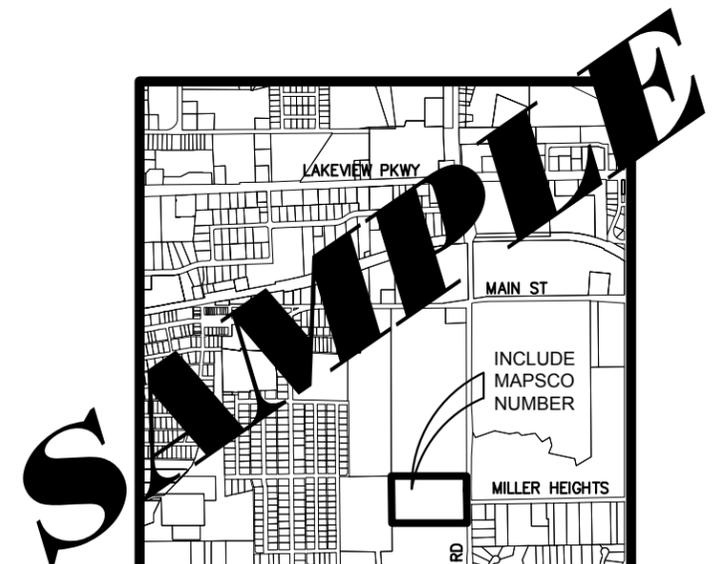
SHEET NO.	DESCRIPTION
1	COVER SHEET / INDEX
2	PLAT
3	PROJECT GENERAL NOTES
4	PAVING PLANS NAMED ROAD (STA 0+00 TO 8+00)
5	PAVING PLANS NAMED ROAD (STA. 8+00 TO 14+25)
6	PAVING PLANS ....
7	DRAINAGE AREA MAP (EXISTING)
8	DRAINAGE AREA MAP (PROPOSED)
9	DRAINAGE CALCULATION
10	STORM SEWER PLAN AND PROFILE (STA 0+00 TO 5+00)
11	STORM SEWER PLAN AND PROFILE (STA 5+00 TO 9+01)
12	STORM SEWER PLAN AND PROFILE (STA 0+00 TO 1+20)
13	STORM SEWER
14	WASTEWATER LAYOUT SHEET
15	WASTEWATER LINE 'A' (STA 0+00 TO 8+00)
16	WASTEWATER LINE 'A' (STA 8+00 TO 14+25)
17	WASTEWATER LINE .....
18	WATER LINE 'A' PLAN AND PROFILE (IF 12" AND LARGER)
19	SWPPP SHEETS
20	SWPPP SHEETS
21	TREE REMOVAL PLAN
22	LANDSCAPE PLANTING PLAN
23	LANDSCAPE SPECIFICATIONS
24	LANDSCAPE IRRIGATION PLAN (NOT IN THIS SUBMITTAL)
25	LANDSCAPE IRRIGATION SPECIFICATIONS AND DETAILS
SD-2*	STANDARD PAVING DETAILS - PARABOLIC CROWN STREETS
SD-3*	STANDARD PAVING DETAILS - PAVEMENT JOINTS
SD-4*	STANDARD PAVING DETAILS - DRIVEWAY DETAILS
SD-7*	STANDARD CONCRETE SIDEWALKS - CURB RAMPS
SD-8*	STANDARD STORM DRAIN DETAILS - MANHOLES
SD-9*	STANDARD STORM DRAIN DETAILS - CURB INLETS
SD-11*	STANDARD STORM DRAIN DETAILS - MISCELLANEOUS INLETS
SD-12*	STANDARD WATER DETAILS - VALVES
SD-13*	STANDARD WATER DETAILS - FIRE HYDRANT-SERVICE CONNECTIONS-THRUST BLOCKING
SD-14*	STANDARD WATER DETAILS - METER VAULT-BUTTERFLY VALVE-DETECTOR CHECK
SD-18*	STANDARD UTILITIES DETAILS - EMBEDMENT-STREET REPAIR
SD-19*	STANDARD UTILITIES DETAILS - UTILITY LOCATIONS AND MISC
SD-20*	STANDARD STORM DRAIN DETAILS - EROSION AND SEDIMENT CONTROL (1 OF 2)
SD-21*	STANDARD STORM DRAIN DETAILS - EROSION AND SEDIMENT CONTROL (2 OF 2)
PSET-SP*	TXDOT DETAIL - PRECAST SAFETY END TREATMENT (TYPE II - PARALLEL DRAINAGE)

ENSURE ALL SHEETS ARE LISTED IN THE INDEX OF SHEETS

(development name) - PAVING, DRAINAGE, WATER & WASTEWATER (plan date)

CITY PROJECT NAME  
CITY CONTRACT NUMBER  
CITY OF ROWLETT, TEXAS

CONSTRUCTION PLANS



PROJECT VICINITY MAP

BID ADVERTISEMENT MONTH AND YEAR

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ENSURE ALL SHEETS ARE LISTED IN THE INDEX OF SHEETS

SIGNATURE: DIRECTOR OF PUBLIC WORKS

SIGNATURE: CITY CIVIL ENGINEER

OWNER:  
NAME  
ADDRESS  
PHONE

SUBMITTED BY: FIRM NAME  
NAME  
ADDRESS  
PHONE  
TX REG. #

ENGINEERING FIRM LOGO  
(ENG. SEAL)

(ENG. SIGNATURE) (DATE)  
ENGINEER NAME, PE DATE

## GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE CONSTRUCTION STANDARDS OF THE CITY OF ROWLETT AND GOVERNED BY THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENT'S (NCTCOG) STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- IN CASE OF CONFLICT OR CONTRADICTIONS BETWEEN THE CONSTRUCTION STANDARDS FOR THE CITY OF ROWLETT THE FOLLOWING HIERARCHY SHALL PRESIDE: CITY OF ROWLETT CONSTRUCTION STANDARD DETAILS AND GENERAL NOTES, NCTCOG SPECIFICATIONS, OTHERS APPROVED IN PLANS.
- TEXAS DEPARTMENT OF TRANSPORTATION APPROVAL MUST BE OBTAINED PRIOR TO ANY CONSTRUCTION IN STATE HIGHWAY RIGHT-OF-WAY AND A TXDOT UTILITY PERMIT SHALL BE OBTAINED BY CONTRACTOR.
- A RIGHT-OF-WAY PERMIT (ISSUED BY ROWLETT PUBLIC WORKS DEPARTMENT) IS REQUIRED PRIOR TO ANY CONSTRUCTION IN CITY ROW AND EASEMENTS.
- THE LOCATION OF UNDERGROUND FACILITIES INDICATED ON THE PLANS IS TAKEN FROM PUBLIC RECORDS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAKE ARRANGEMENTS WITH THE OWNERS OF SUCH UNDERGROUND FACILITIES PRIOR TO WORKING IN THE AREA TO CONFIRM THEIR EXACT LOCATION AND TO DETERMINE WHETHER ANY ADDITIONAL FACILITIES OTHER THAN THOSE SHOWN ON THE PLANS MAY BE PRESENT. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL UNDERGROUND FACILITIES. UNDERGROUND FACILITY OWNER'S TELEPHONE NO. OR CONTACT INFO AVAILABLE FROM PUBLIC WORKS DEPARTMENT.
- WHERE EXISTING UTILITIES OR SERVICE LINES ARE CUT, BROKEN OR DAMAGED, THE CONTRACTOR SHALL REPLACE OR REPAIR THE UTILITIES OR SERVICE LINES WITH THE CURRENT STANDARDS FOR MATERIAL AND CONSTRUCTION, OR BETTER, UNLESS OTHERWISE SHOWN OR NOTED ON THE PLANS, AT HIS OWN COST AND EXPENSE. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CITY AT ONCE OF ANY CONFLICTS IN GRADES AND ALIGNMENT.
- ALL EXCAVATIONS, TRENCHING AND SHORING OPERATIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE U. S. DEPARTMENT OF LABOR, OSHA, "CONST. SAFETY AND HEALTH REGULATIONS.", VOL. 29, SUBPART P. PG. 128 - 137, AND ANY AMENDMENTS THERE TO.
- ADEQUATE MEASURES SHALL BE TAKEN TO PREVENT EROSION. IN THE EVENT THAT SIGNIFICANT EROSION OCCURS AS A RESULT OF CONSTRUCTION THE CONTRACTOR SHALL RESTORE TO ORIGINAL CONDITION OR IMPROVE THE ERODED AREA AS SOON AS POSSIBLE.
- THE CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED BY CONSTRUCTION TO ORIGINAL CONDITION OR BETTER. RESTORED AREAS INCLUDE, BUT ARE NOT LIMITED TO TRENCH BACKFILL, SIDE SLOPES, FENCES, CULVERT PIPES, DRAINAGE DITCHES, IRRIGATION, SODDING OR SEEDING, DRIVEWAYS, PRIVATE YARDS, AND ROADWAYS.
- NO CHANGES IN THE APPROVED CONSTRUCTION PLANS SHALL OCCUR UNLESS APPROVED BY THE PW DIR. OR DESIGNEE. A SUBSEQUENTLY, A CHANGE ORDER MUST BE OBTAINED FROM THE DESIGN ENGINEER. THE DIRECTOR OF PUBLIC WORKS OR DESIGNEE MAY APPROVE ANY DERIVATIONS FROM THE STATE REGULATIONS.
- ALL TRENCH COMPACTION DENSITY TESTING SHALL BE COORDINATED BY THE CONTRACTOR WITH THE TESTING LAB AND IN ACCORDANCE WITH THE CITY OF ROWLETT STANDARDS. THE RESULTS OF THE TRENCH COMPACTION DENSITY TESTS SHALL BE SHOWN ON THE AS-BUILT PROFILE SHEETS AT THE LOCATION OF THE TEST. THE CITY WILL NOT ACCEPT THE INSTALLATION OF THE UTILITY UNTIL THE AS-BUILTS WITH THE TESTING RESULTS HAVE BEEN SUBMITTED TO THE PW DIR. OR DESIGNEE.
- THE ON-SITE UTILITIES SHALL BE INSTALLED, HAVE PASSED THE REQUIRED TESTS, AND IN SERVICE BEFORE ANY PAVING OPERATIONS MAY BEGIN.
- ALL FRANCHISE UTILITIES SHALL BE INSTALLED PRIOR TO INSTALLATION OF PUBLIC IMPROVEMENTS BY THE CITY OF ROWLETT.

## WATER GENERAL NOTES

- ALL WATER METERS SHALL BE SIZED AND INSTALLED BY CITY PERSONNEL.
- FIRE HYDRANTS SHALL BE LOCATED OUTSIDE OF EXISTING OR PROPOSED SIDEWALKS. NO OBSTRUCTIONS SHALL BE WITHIN 4 FEET IN ALL DIRECTIONS AROUND A FIRE HYDRANT.
- ALL PVC PIPE WATER LINES SHALL CONFORM TO AWWA STANDARD C-900 WITH A DR RATIO OF 18. CLASS 150, BLUE IN COLOR, WITH NSF SEAL, PRESSURE TESTED AND DISINFECTED IN ACCORDANCE WITH AWWA STANDARDS, TCEQ, TSFMO, AND CITY OF ROWLETT FLUSHING AND TESTING STANDARDS.
- WATER MAINS SHALL HAVE A MINIMUM OF 42" COVER TO TOP OF PIPE.
- SERVICE LINE SADDLES FOR PVC PIPE SHALL BE LOW LEAD DOUBLE STRAP BRONZE/BRASS AND CORP STOP AND ANGLE STOP (CURB STOP), SHALL BE COMPRESSION-TYPE WITH STAINLESS STEEL TUBE LINERS.
- ALL WATER LINES SHALL BE EMBEDDED IN ACCORDANCE WITH STANDARD CONSTRUCTION DETAILS. BACKFILL SHALL BE COMPACTED TO 98% STANDARD PROCTOR DENSITY.
- SERVICE LOCATION TO BE SAW-CUT ON CURB WITH ONE 1" SAW-MARK 2" HIGH PAINTED BLUE. WATER SERVICES SHALL BE LOCATED WITHIN 2 FEET OF THE PROPERTY LINE.
- ALL SERVICES TO METER SHALL BE 1" SDR-9 CLASS 200 POLYETHYLENE CTS OUTSIDE DIAMETER UNLESS OTHERWISE NOTED.
- ALL FITTINGS SHALL BE MADE IN USA AND FROM DUCTILE IRON C110, FURNISHED WITH MECHANICAL JOINT OR FLANGED ENDS, AND HAVE A MINIMUM PRESSURE RATING OF 250 PSI. MEGA-LUG RESTRAINING GLANDS SHALL ALSO BE USED ON ALL FITTINGS. DOMESTIC ONLY - NO FOREIGN MANUFACTURED FITTINGS ALLOWED.
- ALL DUCTILE IRON FITTINGS SHALL BE WRAPPED WITH AN 8 MIL MINIMUM THICKNESS POLYETHYLENE MATERIAL PER AWWA STANDARD C-150.
- ALL WATER MAINS SHALL HAVE CONCRETE THRUST BLOCKING AT ALL TEES, BENDS, PLUGS, AND HYDRANTS PER THE CITY OF ROWLETT DETAIL SHEET. ALL VERTICAL BENDS AND FIRE LINE RISERS SHALL HAVE SS ALL-THREADS INSTALLED.
- CURB STOPS SHALL BE TESTED FOR LEAKAGE AND FULL FLOW WHEN SYSTEM IS PRESSURE TESTED.
- ALL FIRE HYDRANT ASSEMBLIES SHALL BE EQUIPPED WITH A 6" GATE VALVE AND BOX. ALL VALVES AND FIRE HYDRANTS ARE TO BE PER CITY SPECIFICATIONS. ONLY MUELLER AND AMERICAN FLOW CONTROL HYDRANTS ARE ACCEPTED.
- ANY WATER VALVES LOCATED WITHIN PAVEMENT AREAS SHALL BE ADJUSTED TO FINAL GRADE BY THE PAVING CONTRACTOR.
- ALL RISERS OVER WATER VALVES SHALL BE 6" PVC C900 PIPE WITH A BASS & HAYES # 304-1 CAST IRON ASSEMBLY ON TOP.
- ALL TRENCHES OF WATER MAINS SHALL BE INSTALLED WITH A BLUE METALLIC TAPE LOCATED TWO FEET BELOW THE TOP OF TRENCH. TRENCH-LESS TECHNOLOGY IS NOT REQUIRED TO INSTALL BLUE METALLIC TAPE.
- ALL TRENCHES SHALL BE COMPACTION TESTED AT THE RATE OF ONE TEST PER 150 L.F. OF TRENCH PER LIFT. LIFTS SHALL BE NO GREATER THAN 12" LOOSE. TESTS SHALL BE STAGGERED SO THAT TESTS OF ADJACENT LIFTS ARE NOT DIRECTLY OVER THE PREVIOUS LIFT. THE TESTING LAB SHALL PROVIDE THE LOCATION OF ALL RESULTS ON A PLAN AND PROFILE SHEET PRIOR TO TRENCH ACCEPTANCE. THE PAVING CONTRACTOR SHALL NOT BEGIN WORK UNTIL THE CITY OF ROWLETT HAS APPROVED ALL TRENCH WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RETEST.
- THE ONSITE UTILITIES SHALL BE INSTALLED, HAVE PASSED THE REQUIRED TESTS, AND IN SERVICE BEFORE ANY PAVING OPERATIONS MAY BEGIN.
- ALL VALVES CONNECTING TO TEES MUST BE FLANGED.

## CITY OF ROWLETT FLUSHING AND TESTING STANDARDS

- ALL REPRESENTATIVES OF THE CITY OF ROWLETT OVERSEEING THE FLUSHING, HYDROSTATIC TESTING, AND SAMPLING PROCEDURES SHALL HAVE A MINIMUM CLASS C WATER DISTRIBUTION OPERATOR LICENSE FROM TCEQ.
- ALL UNDERGROUND AND ABOVEGROUND FIRE LINE CONNECTIONS TO THE SPRINKLER SYSTEM SHALL BE INSPECTED BY AN APPROVED TSMO-BE-UNDERGROUND AND ABOVEGROUND FIRE MAIN REPRESENTATIVE.
- A LICENSED TCEQ-CITY REPRESENTATIVE SHALL BE PRESENT WHEN THE CITY WATER SUPPLY IS ACCESSED FOR INSTALLATION OF ANY NEW CONNECTIONS AND FITTINGS.
- ALL WATER SAMPLING LOCATIONS FOR THE BACTERIOLOGICAL TESTING SHALL BE COORDINATED WITH THE TCEQ LICENSED CITY OF ROWLETT ONLY.
- ALL PIPE LENGTHS OVER 20' SHALL COMPLY WITH BACTERIOLOGICAL TESTING.
- ALL FIRE LINE BACTERIOLOGICAL, HYDROSTATIC TESTING, AND FLUSHING SHALL COMPLY WITH TCEQ, AWWA, AND THE TSMO REQUIREMENTS AND STANDARDS.
- ALL FIRE LINES SHALL BE FLUSHED BEFORE THE HYDROSTATIC TEST OF 200 PSI FOR 3 HOURS, AND DURING THE REMOVAL OF CHLORINE RESIDUAL AS REQUIRED BY THE TSFMO.
- ALL WATER PIPES SHALL BE FLUSHED FROM A MINIMUM 4" OPENING FOR 6" PIPES.
- ALL WATER LOADED INTO THE WATER PIPE SHALL BE FROM THE IMMEDIATE CONNECTION POINT SOURCE FROM THE CITY OF ROWLETT WATER SUPPLY.
- THE CONTRACTOR SHALL NOT LOAD OR TEST ANY PORTION OF THE NEW WATER PIPE AFTER THE CONNECTION TO THE CITY WATER MAIN HAS OCCURRED, WITHOUT DIRECTION FROM THE TCEQ LICENSED CITY REPRESENTATIVE.
- A TCEQ LICENSED CITY REPRESENTATIVE SHALL BE ONSITE ALL TIMES DURING ALL TESTING PROCESSES. THE TCEQ LICENSED CITY REPRESENTATIVE SHALL CHECK ALL VALVES AND SAMPLE POINT PRIOR TO ANY TESTING.
- ALL FLUSHING AND TESTING SHALL BE SCHEDULED WITH THE TCEQ LICENSED CITY REPRESENTATIVE 24 HOURS IN ADVANCE.
- THE BACTERIOLOGICAL SAMPLING SHALL BE PERFORMED BY COORDINATION AND DIRECTION FROM THE TCEQ LICENSED CITY REPRESENTATIVE ONLY.
- THERE SHALL BE NO USE OF WATER BY ANY CONTRACTOR AT ANY TIME WITHOUT A REGISTERED CITY WATER METERING DEVICE.
- ALL VALVES SHALL BE OPERATED BY TCEQ LICENSED CITY REPRESENTATIVES ONLY.
- THERE SHALL BE NO PIPE DOPE AN ANY NEW FITTING. TEFLON TYPE TAPE ONLY APPLIED TO THREADED FITTINGS.
- ALL FLUSHING OF NEW WATER MAINS SHALL BE COORDINATED AND APPROVED BY THE TCEQ LICENSED CITY REPRESENTATIVE PRIOR TO HYDROSTATIC TESTING OF 150 PSI FOR 4 HOURS.
- FLUSHING: FLOW THE REQUIRED RATE UNTIL CLEAR AND TEST FOR CHLORINE RESIDUAL FROM FIRE HYDRANT OR END PIPE. FLUSH AT FLOWS NOT LESS THAN 390 GPM FOR 4" PIPE, 880 GPM FOR 6" PIPE, 1560 GPM FOR 8" PIPE, 2440 GPM FOR 10" PIPE, AND 3520 GPM FOR 12" PIPE. WHEN SUPPLY CANNOT PRODUCE STIPULATED FLOW RATES, OBTAIN MAXIMUM AVAILABLE.
- THE FIRE LINES SHALL BE HYDROSTATIC TESTED FROM THE CITY SUPPLY VALVE TO THE FIRE RISER FLANGE AT 200 PSI FOR 3 HOURS AFTER FLUSHING IS COMPLETE. THE FIRE LINE SHALL BE BACTERIOLOGICAL TESTED.
- THE HYDROSTATIC TESTING SHALL BE COMPLETED BEFORE CHLORINE IS ADDED TO THE WATER PIPE.
- THE CONTRACTOR SHALL INSTALL STAINLESS STEEL OR ALL BRASS HOSE BIB SAMPLING PORTS AT MAXIMUM 1000' LOCATIONS, PIPE EXTENSIONS, AND POINTS ON THE WATER MAIN AS DESIGNATED BY THE TCEQ LICENSED CITY REPRESENTATIVE.
- THERE SHALL BE NO SAMPLING FROM FIRE HYDRANTS.
- THE TCEQ LICENSED CITY REPRESENTATIVE SHALL OVERSEE THE LOADING OF CHLORINE AND SHALL ASSURE THE MINIMUM TSMO RELEASE OPENINGS ARE IN PLACE PRIOR TO LOADING PROCEDURES.
- THE TCEQ LICENSED CITY REPRESENTATIVE SHALL TAKE RESIDUAL SAMPLES OF CHLORINE AT THE RELEASE OPENINGS TO ASSURE MINIMUM 100 mg/liter IS THOROUGHLY PRESENT AND DISTRIBUTED EVENLY IN ALL SECTIONS OF THE PIPING.
- THE ENTIRE WATER SYSTEM SHALL BE THOROUGHLY FLUSHED FROM THE SAME TSFMO REQUIRED OPENINGS, FREE OF HEAVY CHLORINE, DE-CHLORINATION MAY BE REQUIRED IN CERTAIN AREAS TO REACH NOMINAL CITY WATER SYSTEM RESIDUAL.
- THE TCEQ LICENSED CITY REPRESENTATIVE ONLY SHALL TAKE WATER SAMPLES TO NORTH TEXAS MUNICIPAL WATER DISTRICT. THE SAMPLE RESULTS WILL BE AVAILABLE AFTER 24 HOURS.
- A NEGATIVE RESULT WILL BE PASSING AND THE SYSTEM PLACED ONLINE. A LETTER OF RELEASE FOR THE WATER LINE WILL BE ISSUED FOR THE INSTALLATION OF SERVICE METERS AND/ OR THE WATER SUPPLY FOR FIRE LINE TESTING MET ALL TCEQ, AWWA, TSFMO, AND CITY REQUIREMENTS.
- A POSITIVE RESULT FOR HEAVY BACTERIA OR TOTAL COLIFORM WILL REQUIRE SAMPLING AGAIN THE NEXT DAY THE LAB IS OPEN. AFTER THREE FAILED SAMPLES, THE WATER PIPES SHALL BE FLUSHED, RE-CHLORINATED FOR 24 HOURS, AND FLUSHED AGAIN BEFORE SAMPLING CONTINUES. THE CONTRACTOR IS RESPONSIBLE FOR MONETARY REIMBURSEMENT TO THE CITY FOR WATER LOSS DURING THE RE-SAMPLING PROCESS. ADDITIONAL FAILED SAMPLES WILL REQUIRE EXPOSURE OF SERVICE FITTINGS TO ASSURE NO PIPE DOPE WAS USED ON ANY FITTINGS, ISOLATION OF THE FAILED AREA, AND POSSIBLY DISCONNECTION OF THE WATER PIPE TO BE CLEANED, SWABBED, OR REPLACE PIPE AND MATERIAL. THE USE OF A PIG SHALL NOT SUBSTITUTE THE FLUSHING REQUIREMENTS.

## SANITARY SEWER GENERAL NOTES

- SANITARY SEWER LINES SHALL BE SDR 35 PVC PIPE, GREEN IN COLOR, UNLESS OTHERWISE NOTED ON THE CONSTRUCTION PLANS, OR OVER 9" IN DEPTH USE ASTM D3034, OR ENGINEER'S RECOMMENDATION. ONE JOINT OF 150-PSI PRESSURE RATED PIPE SHALL BE INSTALLED UNDER ALL PROPOSED WATER PIPE CROSSINGS.
- THE CONTRACTOR SHALL ENSURE THAT TCEQ MINIMUM SEPARATION REQUIREMENTS BETWEEN WATER LINES AND SANITARY SEWER LINES ARE MET. SHOULD MINIMUM SEPARATION NOT BE MET FOLLOW CURRENT TCEQ STANDARDS AND DESIGN.
- PIPE SHALL BE BEDDED PER CITY OF ROWLETT STANDARD DETAILS AND PLACED AS DIRECTED THEREIN. BACKFILL SHALL COMPACTED TO 98% STANDARD PROCTOR DENSITY +2% MOISTURE AS DIRECTED BY LAB.
- ALL TRENCHES OF SANITARY SEWER MAINS SHALL BE INSTALLED WITH A GREEN METALLIC TAPE LOCATED TWO FEET BELOW THE TOP OF TRENCH.
- AFTER COMPLETION OF ALL TESTING (I.E. MANDREL & AIR) CONTRACTOR SHALL PERFORM A TELEVISION CAMERA INSPECTION AND PROVIDE DVD OR MEMORY STICK TO THE PUBLIC WORKS DEPARTMENT. DEFLECTION AND A LOW-PRESSURE AIR TEST SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF ROWLETT STANDARDS, NCTCOG, AND TCEQ.
- THE FINAL LOW PRESSURE AIR TEST SHALL TAKE PLACE AFTER THE FRANCHISE UTILITIES HAVE BEEN INSTALLED TO ENSURE NO DAMAGE WAS DONE TO THE SANITARY SEWER LINE AND SERVICES DURING THE INSTALLATION OF THE FRANCHISE UTILITIES.
- A 2" HIGH "H" SAW-MARK SHALL BE SAWE ON THE CURB AND PAINTED GREEN TO MARK THE LOCATION OF THE SEWER SERVICES.
- ALL SANITARY SEWER MANHOLES SHALL BE A MINIMUM OF 5-FT. DIAMETER INTERIOR IN ACCORDANCE WITH STANDARD COR DETAILS UNLESS OTHERWISE SHOWN IN THE CONSTRUCTION PLANS. INTERIOR DROPS 5-FT MINIMUM FOR INTERIOR.
- CONTRACTOR SHALL PLACE A 3/4" PLYWOOD FALSE BOTTOM IN ALL SANITARY SEWER MANHOLES BEFORE PAVING CONTRACTOR COMMENCES WORK.
- RIM ELEVATIONS OF THE PROPOSED SANITARY SEWER MANHOLES IN STREETS SHALL BE CONSTRUCTED 14" BELOW FINAL FINISHED GRADES BY UTILITY CONTRACTOR AND ADJUSTED BY CONTRACTOR TO FINISHED GRADE AT TIME OF PAVING. MAXIMUM INTERIOR RISE FROM CONE TO TOP COVER IS 23 INCHES OR PER NCTCOG.
- ALL TRENCHES SHALL BE COMPACTION TESTED AT THE RATE OF ONE TEST PER 150 L.F. OF TRENCH PER LIFT. LIFTS SHALL BE NO GREATER THAN 12" LOOSE. TESTS SHALL BE STAGGERED SO THAT TESTS OF ADJACENT LIFTS ARE NOT DIRECTLY OVER THE PREVIOUS LIFT. IF THE DISTANCE BETWEEN MANHOLES EXCEEDS 300 L.F., A MINIMUM OF 2 TESTS PER LIFT SHALL BE TAKEN. THE TESTING LAB SHALL PROVIDE THE LOCATION OF ALL RESULTS ON A PLAN AND PROFILE SHEET PRIOR TO TRENCH ACCEPTANCE. THE PAVING CONTRACTOR SHALL NOT BEGIN WORK UNTIL THE CITY OF ROWLETT HAS APPROVED ALL TRENCH WORK.
- THE INTERIOR OF ALL MANHOLES SHALL BE LINED WITH AN EPOXY COATING AND SHALL BE RAVEN LINING 405 OR APPROVED EQUAL AND SPARK TESTED, AT A MINIMUM THICKNESS OF 125 MILS OR AS APPROVED BY PUBLIC WORKS DIRECTOR OR DESIGNEE USING CONDITION TYPE INDEX.
- ALL MANHOLES SHALL BE VACUUM TESTED TO ENSURE THE MANHOLE IS WATER TIGHT.
- ALL TRENCH COMPACTION DENSITY TESTING SHALL BE COORDINATED BY THE CONTRACTOR WITH THE TESTING LAB AND IN ACCORDANCE WITH THE CITY OF ROWLETT STANDARDS. THE RESULTS OF THE TRENCH COMPACTION DENSITY TESTS SHALL BE SHOWN ON THE AS-BUILT PROFILE SHEETS AT THE LOCATION OF THE TEST. THE CITY WILL NOT ACCEPT THE INSTALLATION OF THE UTILITY UNTIL THE AS-BUILTS WITH THE TESTING RESULTS HAVE BEEN SUBMITTED TO THE PUBLIC WORKS DIRECTOR OR DESIGNEE.
- ALL PRECAST MANHOLES SHALL HAVE SECTIONS WITH A SINGLE OFFSET JOINT WITH PROFILE RUBBER GASKETS AND SHALL CONFORM TO ASTM C478 AND C443.

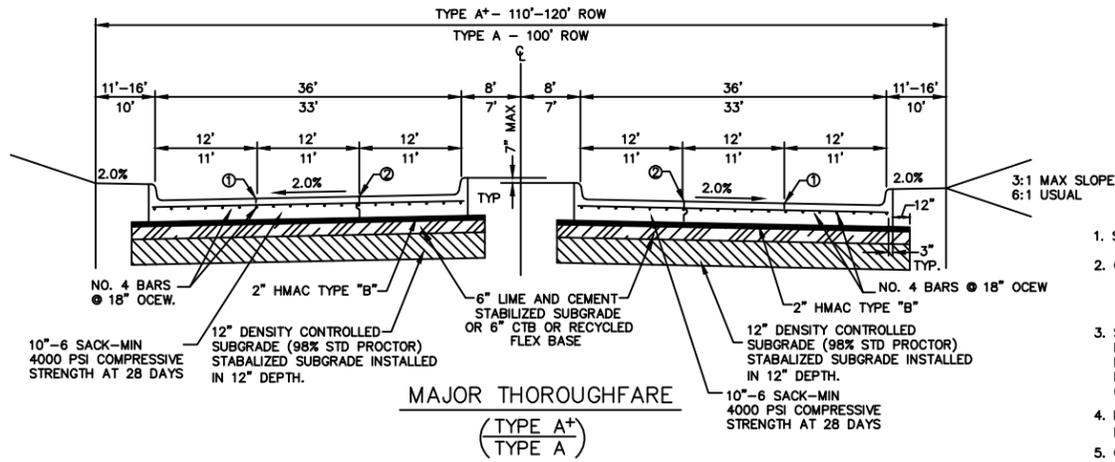
## STORM SEWER GENERAL NOTES

- ALL STORM SEWER AND CULVERT PIPE AND FITTINGS IN THE ROW SHALL BE ASTM C76, CLASS III REINFORCED CONCRETE PIPE (RCP), INSTALLED WITH COMPRESSIVE TYPE JOINTS.
- AFTER COMPLETION OF ALL THE STORM DRAIN INSTALLATION, THE CONTRACTOR SHALL PERFORM A TELEVISION CAMERA INSPECTION OF THE PIPE AND PROVIDE DVD OR MEMORY STICK TO THE PUBLIC WORKS DEPARTMENT.
- THE MINIMUM SIZE OF STORM DRAIN LINES SHALL BE EIGHTEEN (18) INCHES, OR AS APPROVED BY PUBLIC WORKS DIRECTOR OR DESIGNEE FOR DRIVE APPROACHES.
- PIPE SHALL BE BEDDED IN CLASS II, OR BETTER, MATERIAL AS DEFINED IN ASTM D-2321, AND PLACED AS DIRECTED THEREIN. BACKFILL SHALL BE NATIVE MATERIAL COMPACTED TO 98% STANDARD PROCTOR DENSITY +2% MOISTURE. ALL PIPE SIZE CHANGE COLLARS AND FITTINGS SHALL BE PRECAST AND MANUFACTURED. COLLARS OR FITTINGS TO BE FIELD MADE FOR PIPE TO JUNCTION BOX SHALL HAVE WIRE MESH REINFORCING IN COLLAR.
- ALL TRENCHES SHALL BE COMPACTION TESTED AT THE RATE OF ONE TEST PER 150 L.F. OF TRENCH PER LIFT. LIFTS SHALL BE NO GREATER THAN 12" LOOSE. TESTS SHALL BE STAGGERED SO THAT TESTS OF ADJACENT LIFTS ARE NOT DIRECTLY OVER THE PREVIOUS LIFT. IF THE DISTANCE BETWEEN MANHOLES EXCEEDS 300 L.F., A MINIMUM OF 2 TESTS PER LIFT SHALL BE TAKEN. THE TESTING LAB SHALL PROVIDE THE LOCATION OF ALL RESULTS ON A PLAN AND PROFILE SHEET PRIOR TO TRENCH ACCEPTANCE. THE PAVING CONTRACTOR SHALL NOT BEGIN WORK UNTIL THE CITY OF ROWLETT HAS APPROVED ALL TRENCH WORK.
- ALL TRENCH COMPACTION DENSITY TESTING SHALL BE COORDINATED BY THE CONTRACTOR WITH THE TESTING LAB AND IN ACCORDANCE WITH THE CITY OF ROWLETT STANDARDS. THE RESULTS OF THE TRENCH COMPACTION DENSITY TESTS SHALL BE SHOWN ON THE AS-BUILT PROFILE SHEETS AT THE LOCATION OF THE TEST. THE CITY SHALL NOT ACCEPT THE INSTALLATION OF THE UTILITY UNTIL THE AS-BUILTS WITH THE TESTING RESULTS HAVE BEEN SUBMITTED TO THE PW DIRECTOR OR DESIGNEE.

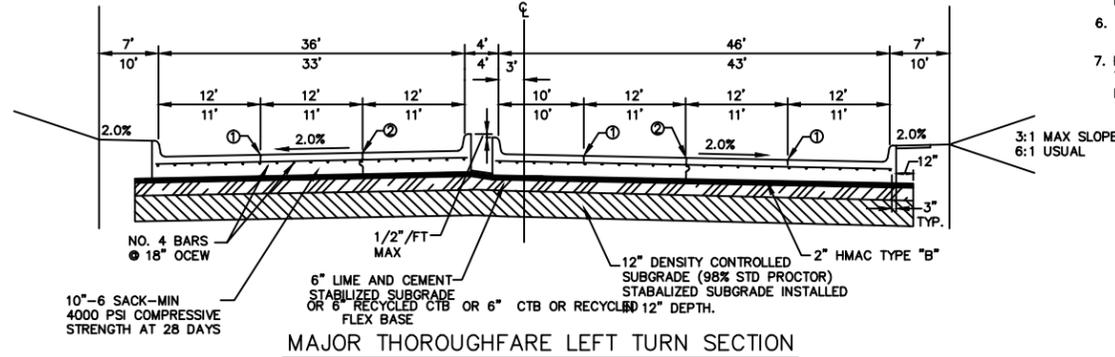
## PAVING GENERAL NOTES

- ALL FILL WITHIN THE ROW SHALL BE COMPACTED TO A DENSITY OF AT LEAST NINETY-EIGHT (98%) PERCENT STANDARD PROCTOR AS PER ASTM D 698 AT OR ABOVE OPTIMUM MOISTURE CONTENT. LIFTS SHALL BE AS SPECIFIED PER THE SOILS LAB RECOMMENDATION AND AS APPROVED BY THE CITY. ALL FILL SHALL BE TESTED AS INSTALLED AND CERTIFIED BY AN APPROVED SOILS LABORATORY.
- ALL FILL OUTSIDE OF THE ROW SHALL BE COMPACTED TO A DENSITY OF AT LEAST NINETY-EIGHT (98%) PERCENT STANDARD PROCTOR AS PER ASTM D 698 AT OR ABOVE OPTIMUM MOISTURE CONTENT. LIFTS SHALL BE AS SPECIFIED PER THE SOILS LAB RECOMMENDATION AND AS APPROVED BY THE CITY. ALL FILL SHALL BE TESTED AS INSTALLED AND CERTIFIED BY AN APPROVED SOILS LABORATORY.
- ALL STREET CROSS SECTIONS SHALL BE DESIGNED ACCORDING TO RECOMMENDATIONS FROM A GEOTECHNICAL REPORT. AT A MINIMUM, THE STREET SHALL BE CONSTRUCTED ON 6" INCHES OF STABILIZED SUBGRADE (LIME AND CEMENT) AS SOIL TESTS INDICATES, OR 6" RECYCLED CTB FLEX BASE. COMPACTION SHALL BE NINETY-EIGHT (98%) PERCENT DENSITY AS PER AASHTO DESIGNATION T180. DENSITY TESTS SHALL BE TAKEN EVERY 150' PER LANE OR LESS, AS REQUIRED BY PUBLIC WORKS DIRECTOR OR DESIGNEE.
- CURB AND GUTTER SHALL CONSIST OF CONCRETE AND PAVEMENT SHALL BE REINFORCED CONCRETE AT LEAST SIX (6") INCHES THICK (OR THICKER IF SPECIFIED BY GEOTECHNICAL REPORT) AND AT LEAST THIRTY-ONE (31') FEET WIDE (B-B) FOR RESIDENTIAL STREETS.
- THE PARKWAYS AND STREETS SHALL BE ROUGH CUT TO A PLUS OR MINUS ONE-TENTH (0.1') FEET OF THEIR RESPECTIVE FINAL GRADES.
- INDIVIDUAL WATER AND SEWER SERVICES SHALL HAVE A SUITABLE MARKER ("I" SAW-MARK FOR WATER PAINTED BLUE AND "H" SAW-MARK FOR SANITARY SEWER PAINTED GREEN) SAW-CUT ON THE FACE OF THE CURB, OR IF NO CURB IS CONSTRUCTED, ON THE TOP OF THE PAVEMENT. THE MARKS SHALL BE A MINIMUM OF TWO (2") INCHES IN HEIGHT AND WIDTH. WATER SERVICE SHALL BE LOCATED AT THE APPROPRIATE CORNER OF THE FRONT OF THE LOT, WITH THE SEWER SERVICE AT THE CENTER OF THE FRONT OF THE LOT.
- THE CONTRACTOR SHALL PROCEED WITH PAVING NO MORE THAN TWENTY-FOUR (24) HOURS AFTER DENSITY/MOISTURE TESTS HAVE BEEN TAKEN AND PASSED BY A REGULAR TESTING FIRM. COPIES OF THE TEST RESULTS TEST RESULTS SHALL BE FURNISHED TO THE CITY. IN THE EVENT PAVING OPERATIONS HAVE NOT COMMENCED WITHIN THE TWENTY-FOUR (24) HOUR LIMIT, A RETEST SHALL BE REQUIRED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL ADJUST MANHOLE RIM ELEVATIONS, CLEAN-OUTS, VALVE BOXES, FIRE HYDRANTS, ETC. TO FINISHED GRADE AT THE TIME OF PAVING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMANENT SURVEY REFERENCE MONUMENTS INCLUDING CONCRETE MONUMENTS AT ALL BOUNDARY CORNERS AND BRASS CAPS ON ONE HEADWALL OF EACH CULVERT WITHIN OR AT THE PERIMETER OF THE DEVELOPMENT.
- THE CONTRACTOR SHALL INSTALL A BLUE REFLECTOR IN THE STREET CENTERLINE AT THE LOCATION OF EACH FIRE HYDRANT.
- ANY CONTRACTOR, INTENT ON USING A TEMPORARY BATCH PLANT IN THE CITY OF ROWLETT MUST RECEIVE A PERMIT FROM THE ZONING DEPARTMENT AS WELL AS THE FIRE DEPARTMENT.
- ALL STREETS SHALL HAVE A MINIMUM 30' CURB RADIUS.
- ALL FIRE LANES SHALL HAVE CONCRETE SURFACE AND MEET CITY PAVING STANDARDS AND CURRENT INTERNATIONAL FIRE CODES. FIRE LANES SHALL BE CONSTRUCTED TO SUPPORT A MINIMUM VEHICLE LOAD OF (75,000 POUNDS). THE PUBLIC WORKS DIRECTOR OR DESIGNEE AND FIRE MARSHALL SHALL APPROVE ANY DEVIATIONS. THE FIRE LANE SHALL HAVE A MINIMUM THIRTY FOOT (30') INSIDE TURNING RADIUS AND A FIFTY-FOUR FOOT (54') OUTSIDE TURNING RADIUS.
- THE SUB-GRADE SHALL BE PROOF ROLLED WITH A FULLY LOADED TANDEM AXLE WATER TRUCK OR DUMP TRUCK AND OBSERVED BY THE CONSTRUCTION INSPECTOR OR CITY ENGINEER PRIOR TO PAVING.
- THE CONTRACTOR SHALL PREPARE ALL TRAFFIC CONTROL PLANS AND SUBMIT TO THE CITY PRIOR TO THE ISSUANCE OF ANY CONSTRUCTION PERMITS FOR WORK WITHIN THE CITY. THE PLAN SHALL BE PREPARED IN ACCORDANCE WITH THE CURRENT EDITION OF THE MUTCD AND AS MODIFIED WITH THE TXDOT TMLTCD SUPPLEMENT AND CITY ORDINANCES. THE PLAN SHALL ADDRESS THE REQUIREMENTS FOR ALL ELECTRONIC MESSAGE/ARROW BOARDS, SIGNS, BARRICADES, FLAGMEN, LIGHTS, HOURS OR CONSTRUCTION, AND OTHER DEVICES AS NECESSARY FOR SAFE TRAFFIC CONTROL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE TRAFFIC CONTROL FOR THE PROJECT IN ACCORDANCE WITH TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES STANDARDS.
- FOLLOWING COMPLETION OF THE PAVING IMPROVEMENTS, THE CONTRACTOR SHALL SUBMIT AN AS-BUILT FIELD SURVEY TO THE CITY VERIFYING THAT THE LOT GRADING PLAN WAS ADHERED TO IN ACCORDANCE WITH THE APPROVED CONSTRUCTION PLANS BEFORE THE ACCEPTANCE OF THE PROJECT.
- PRIOR TO ACCEPTANCE OF THE IMPROVEMENTS, AN INSPECTION BY TDLR, OR A REGISTERED ACCESSIBILITY SPECIALIST SHALL BE CONDUCTED AND ALL SUBSEQUENT WORK RESULTING FROM THE INSPECTION MUST BE COMPLETED.

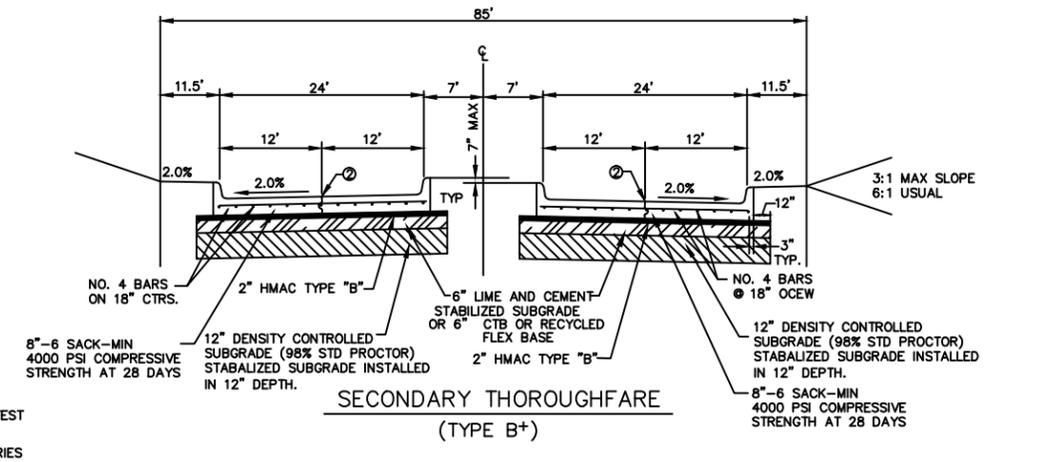
			
<b>STANDARD GENERAL NOTES</b>			
<b>DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION</b>			
<b>DESIGN:</b>	<b>SCALE:</b> NOTED	<b>PROJECT NO.</b>	<b>SHEET</b>
<b>DRAWN:</b>	<b>DATE:</b> 10-2013		
<b>CHECKED:</b>			



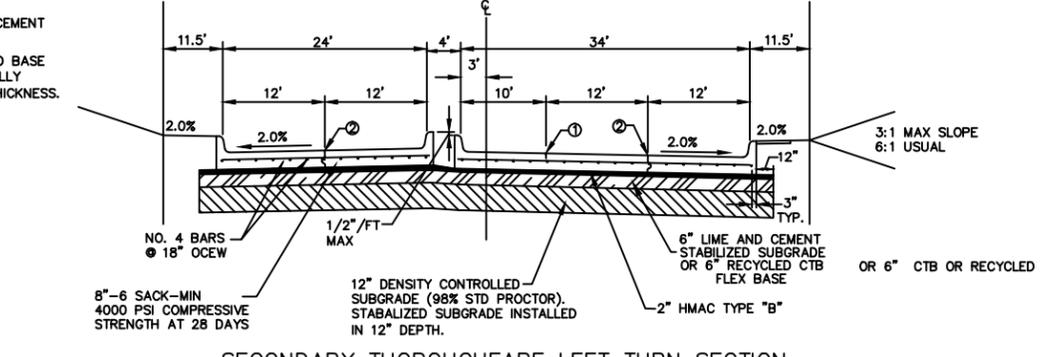
MAJOR THOROUGHFARE  
(TYPE A+)  
(TYPE A)



MAJOR THOROUGHFARE LEFT TURN SECTION  
(TYPE A+)  
(TYPE A)

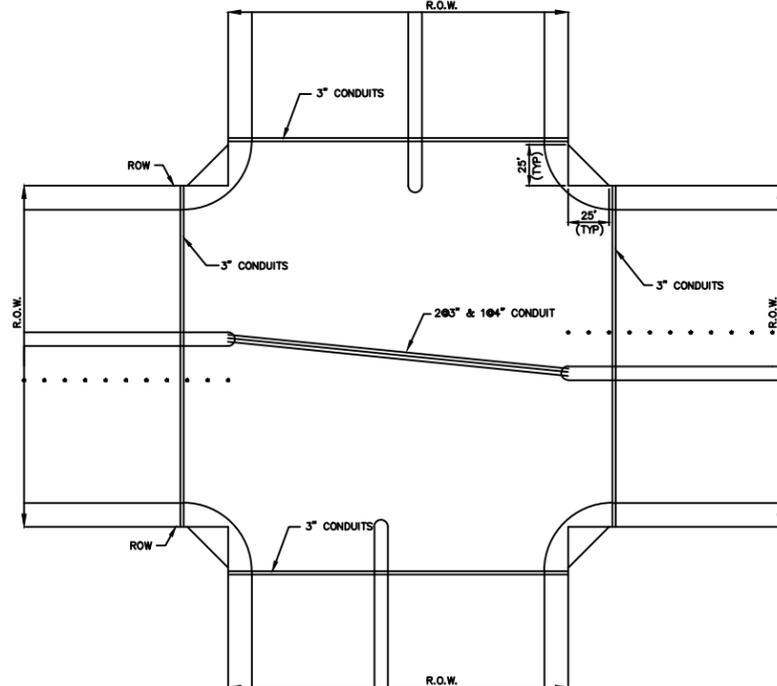


SECONDARY THOROUGHFARE  
(TYPE B+)



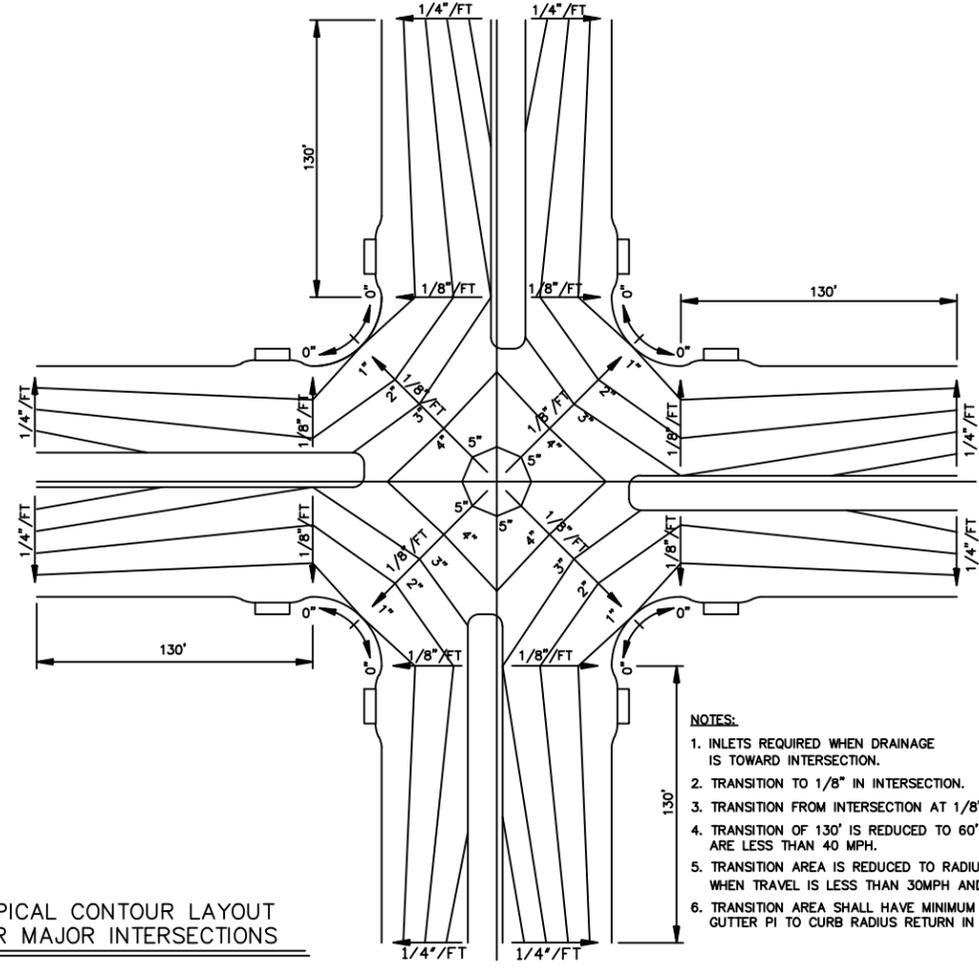
SECONDARY THOROUGHFARE LEFT TURN SECTION  
(TYPE B+)

- NOTES**
1. SAWED LONGITUDINAL DUMMY JOINT
  2. CONSTRUCTION JOINT (FULL WIDTH PVMT. IS ALLOWED WHERE APPROVED BY CITY OF ROWLETT). DELETE IF PAVING IS 25 FT. WIDTH & TO BE WIDENED LATER.
  3. SUBGRADE SHALL BE INITIALLY SCARIFIED TO A DEPTH OF 12" REMIX THE TOP 6" AND RECOMPACT TO 98% PROCTOR DENSITY IN COMPLIANCE WITH TEX 113-E. SUBGRADE SHALL BE STABILIZED MINIMUM \* LBS/SY. OF HYDRATED LIME AND MINIMUM \* LBS/SY. OF PORTLAND CEMENT.
  4. LIME SHALL BE APPLIED AT 6% MINIMUM BY WEIGHT. LIME SERIES TEST MAY BE REQUIRED AT CITY'S DISCRETION FOR GREATER QUANTITIES.
  5. CEMENT SHALL BE APPLIED AT 5% MINIMUM BY WEIGHT. CEMENT SERIES MAY BE REQUIRED AT CITY'S DISCRETION FOR GREATER QUANTITIES.
  6. 6" RECYCLED CTB FLEX BASE MAY BE USED IN LIEU OF LIME AND CEMENT STABILIZATION.
  7. PUBLIC WORKS DIRECTOR OR DESIGNEE MAY ALLOW CEMENT TREATED BASE TO REPLACE LIME AND CEMENT WHEN AREAS CANNOT BE SUCCESSFULLY INSTALLED WITH LIME AND CEMENT, AND/OR INCREASE CONCRETE THICKNESS.



- NOTES:**
1. 203" & 104" PVC TO BE INSTALLED CONTINUOUS ACROSS INTERSECTION, EXTENDING TO MIN. 2' BEHIND CURBS AND COMPLETELY OUT OF ANY PAVING, OR TO RIGHT-OF-WAY AT A DEPTH OF 2' BELOW THE BOTTOM OF PAVING.
  2. RED MARKER TAPE IS TO BE INSTALLED ON THE ENDS OF THE CONDUIT. END OF CONDUIT SHALL ALSO BE SEALED.
  3. THE EXACT LOCATIONS WHERE THE CONDUIT CROSSES UNDER THE PAVING ARE TO BE CHISELED WITH AN "X" ON THE CURB OR PAVING. LOCATION TIES SHALL BE RECORDED AND SUBMITTED TO THE CITY ENGINEER.
  4. A NYLON CORD SHALL BE PLACED IN ALL CONDUITS. THIS CORD SHALL EXTEND A MINIMUM OF 1' FROM THE END OF THE CONDUIT. A PVC RISER SHALL BE EXTENDED TO TOP OF PAVING OR GROUND WITH CAP FOR RIGHT OF WAYS AND INTO A PROPER LOAD RATED VAULT IF IN MEDIAN NOSE PAVING.

TYPICAL CONDUIT LAYOUT



- NOTES:**
1. INLETS REQUIRED WHEN DRAINAGE IS TOWARD INTERSECTION.
  2. TRANSITION TO 1/8" IN INTERSECTION.
  3. TRANSITION FROM INTERSECTION AT 1/8" TO 1/4" IS 130'.
  4. TRANSITION OF 130' IS REDUCED TO 60' WHEN SPEEDS ARE LESS THAN 40 MPH.
  5. TRANSITION AREA IS REDUCED TO RADIUS RETURNS WHEN TRAVEL IS LESS THAN 30MPH AND RESIDENTIAL.
  6. TRANSITION AREA SHALL HAVE MINIMUM 3" RISE FROM GUTTER PI TO CURB RADIUS RETURN IN RESIDENTIAL.

TYPICAL CONTOUR LAYOUT FOR MAJOR INTERSECTIONS

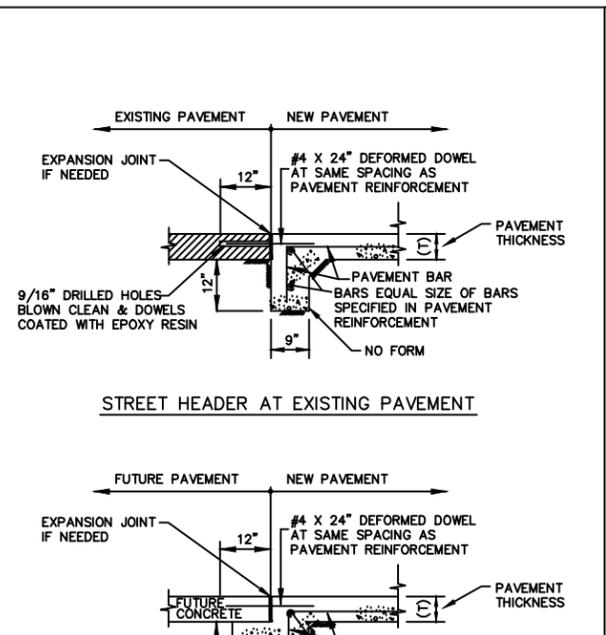
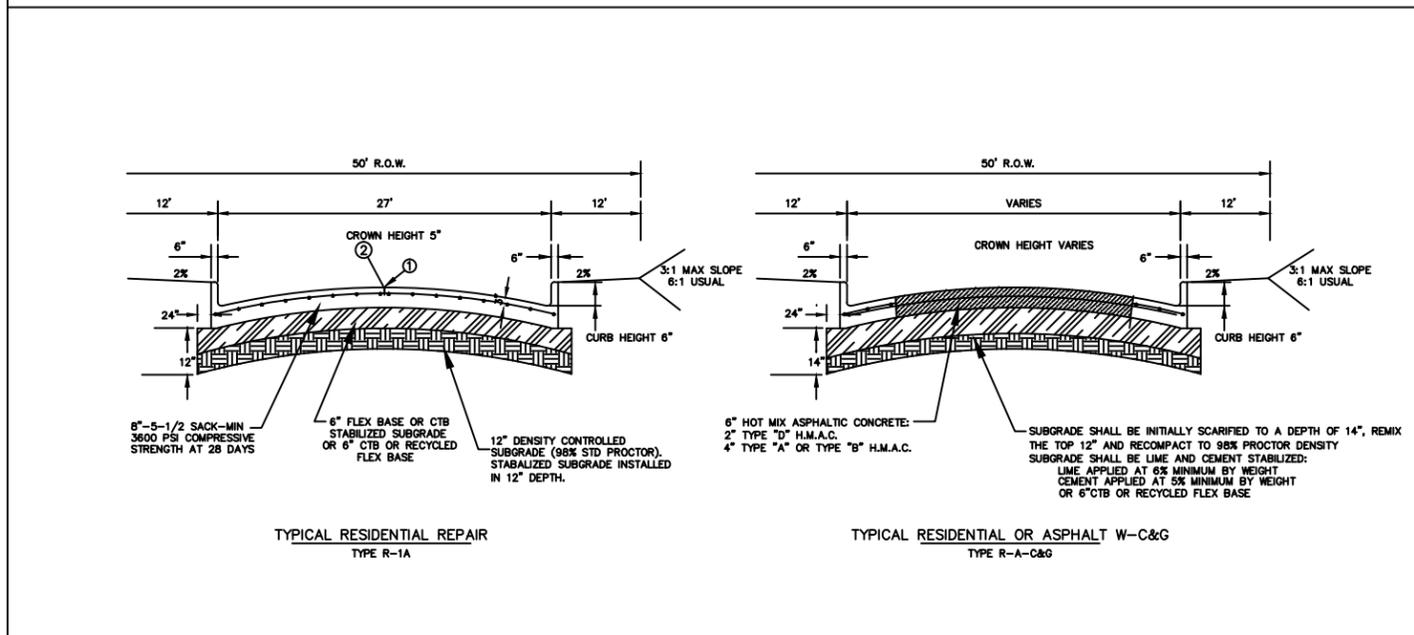
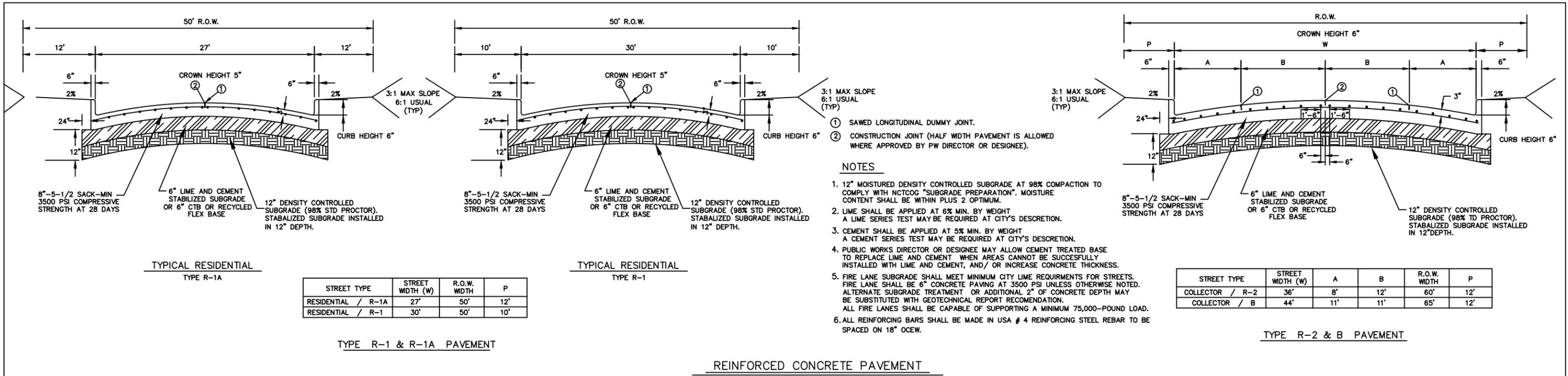
**GENERAL NOTES**

1. ALL CURBS SHALL BE PLACED INTEGRAL WITH PAVEMENT.
2. CURBS SHALL MEET THE SAME STRENGTH AS SPECIFIED FOR THE CONCRETE PAVEMENT.
3. DETAIL AND ARRANGEMENT OF JOINTS, ALL TYPES, SHALL BE AS SHOWN ON SHEET SD-3 OF THE STANDARD CONSTRUCTION DETAILS.
4. BAR LAP LENGTH SHALL BE 30 DIAMETERS. (12" MINIMUM)
5. DENSITY CONTROLLED SUBGRADE SHALL BE COMPACTED TO A DENSITY NOT LESS THAN 98 PERCENT STANDARD PROCTOR DENSITY AND MOISTURE AT +2%. LABORATORY TESTS SHALL BE SUBMITTED TO PUBLIC WORKS DIRECTOR OR DESIGNEE FOR APPROVAL PRIOR TO INSTALLING LIME AND CEMENT SUBGRADE.
6. BAR CHAIRS OR AN APPROVED SUPPORTING DEVICE SHALL BE FURNISHED.
7. CROSS SLOPE SHALL BE 2.0% MINIMUM UNLESS APPROVED BY PUBLIC WORKS DIRECTOR OR DESIGNEE.
8. ALL MEDIANS & PARKWAYS SHALL BE SEEDED OR SODDED WITH BERMUDA GRASS OR RYE GRASS, DEPENDING ON THE TIME OF YEAR. CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING UNTIL 95% COVERAGE IS ESTABLISHED AND APPROVED BY CITY ENGINEER. PRIVATE PROPERTY SHALL BE SAME GRASS AS EXISTING.
9. FLYASH MAY BE INCORPORATED INTO THE MIX DESIGN (UP TO 20% BY WEIGHT) ONLY WHEN SLIPFORMS ARE USED AT LB/LB RATIO REDUCTION AND APPROVED BY PUBLIC WORKS DIRECTOR OR DESIGNEE. NO FLYASH ALLOWED WHEN AMBIENT TEMPERATURE IS BELOW 60 DEGREES.
10. TRAFFIC SHALL NOT BE PLACED ON PAVING UNTIL 14 DAYS CURING IS COMPLETE, OR 7 DAYS AT FULL STRENGTH, AND LAB RESULTS MEET 100% REQUIRED STRENGTH. PAVEMENT MAY BE OPENED TO TRAFFIC AFTER 4 DAYS IF USING TYPE III CEMENT/ 5000 PSI AND LAB RESULTS MEET 100% REQUIRED STRENGTH. CONCRETE PAVING SHALL NOT BE ACCESSED UNTIL CRACK SEAL INSTALLED.
11. MESSAGE BOARDS AND ARROW BOARDS REQUIRED ON ALL MAJOR AND SECONDARY THOROUGHFARES AND MESSAGE BOARDS SHALL BE PLACED AT LEAST 7 DAYS PRIOR TO CLOSURES AND DETOURS.
12. ALL TRAFFIC CONTROL BARRICADES & SIGNS SHALL MEET ALL REQUIREMENTS OF THE LATEST ADOPTED TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

REV.	COMMENTS	BY	DATE

**Rowlett CITY OF ROWLETT, TEXAS**  
DEPARTMENT OF PUBLIC WORKS  
STANDARD CONSTRUCTION DETAILS  
PAVING  
STRAIGHT CROWN STREETS

DESIGN:	SCALE:	PROJECT NO.	SHEET
DRAWN:	NOTED		SD-1
CHECKED:	DATE:		

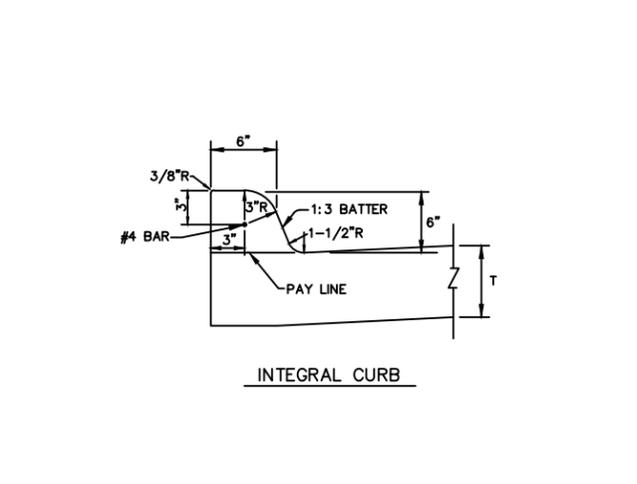


- GENERAL NOTES**
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  6. BAR CHAIRS OR AN APPROVED SUPPORTING DEVICE SHALL BE FURNISHED.
  7. CROSS SLOPE SHALL BE 2.0% MINIMUM UNLESS APPROVED BY ENGINEERING DEPARTMENT.
  8. ALL MEDIANS & PARKWAYS SHALL BE SEEDED OR SODDED WITH BERMUDA GRASS OR RYE GRASS, DEPENDING ON THE TIME OF YEAR. CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING UNTIL 95% COVERAGE IS ESTABLISHED AND APPROVED BY CITY ENGINEER. PRIVATE PROPERTY SHALL BE SAME GRASS AS EXISTING.
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  12. ALL TRAFFIC CONTROL BARRICADES & SIGNS SHALL MEET ALL REQUIREMENTS OF THE LATEST ADOPTED TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
  13. MINIMUM PAVING THICKNESSES:  
 TYPICAL RESIDENTIAL: 8" RCP OVER 6" STABILIZED SUBGRADE  
 TYPICAL COLLECTOR: 8" RCP OVER 6" STABILIZED SUBGRADE  
 MAJOR THOROUGHFARE: 10" RCP OVER 2" HMAc OVER 6" STABILIZED SUBGRADE  
 SECONDARY THOROUGHFARE: 8" RCP OVER 2" HMAc OVER 6" STABILIZED SUBGRADE  
 TYPICAL ALLEY: 8" OVER 6" STABILIZED SUBGRADE  
 FIRE LANE AND COMMERCIAL DRIVE: 6" OVER 6" STABILIZED SUBGRADE  
 PRIVATE PARKING: 5" OVER 6" STABILIZED SUBGRADE

**TABLE OF CROWN HEIGHTS AND ORDINATES FOR VARIOUS PARABOLIC SECTIONS**

ROADWAY WIDTH (W)	TOTAL CROWN HEIGHT	3/4 POINT	MID-POINT	1/4 POINT
27'	5"	2-3/4"	1"	3/8"
30'	5"	2-7/8"	1-1/4"	3/8"
36'	6"	3-3/8"	1-1/2"	3/8"
40'	6"	3-3/8"	1-1/2"	3/8"
48'	8"	4-1/8"	2"	1/2"

SLIP-FORM PAVEMENT MUST MEET CROWN GRADES AT GUTTERS, MID-POINTS, & C/L'S



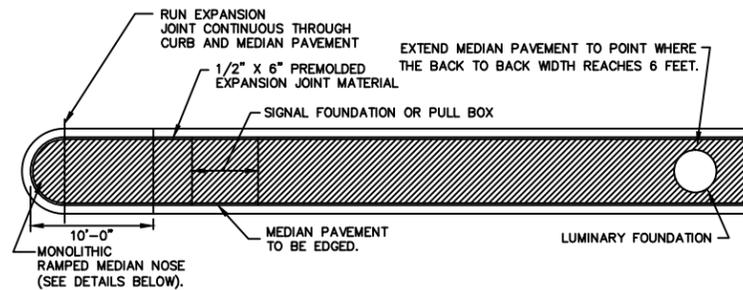
- HEADER DETAILS**
- NOTES:**
1. PAVEMENT REINFORCING BARS SHALL BE BENT DOWN INTO HEADER. PAVEMENT AND HEADER SHALL BE MONOLITHIC.
  2. DRILL 1-1/8" DIA. HOLE - INSIDE SHALL BE BLOWN CLEAN AND COATED W/EPOXY RESIN.
  3. INSTALL 1" DIA. SMOOTH DOWELS X 1'-10" AT 2'-0" SPACING. COAT DOWELS W/APPROVED EPOXY RESIN BEFORE INSERTION INTO DRILLED HOLE.

REV.	COMMENTS	BY	DATE
2011	FULL SHEET REVISION	MTTSR	OCT. 2011

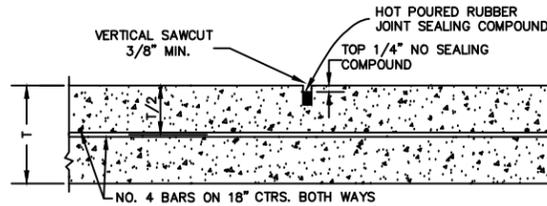
**Rowlett CITY OF ROWLETT, TEXAS DEPARTMENT OF PUBLIC WORKS**

STANDARD CONSTRUCTION DETAILS  
PAVING  
STRAIGHT CROWN STREETS

DESIGN: MTTSR	SCALE: NTS	PROJECT NO.	SHEET
DRAWN: MTTSR	DATE:		SD-2
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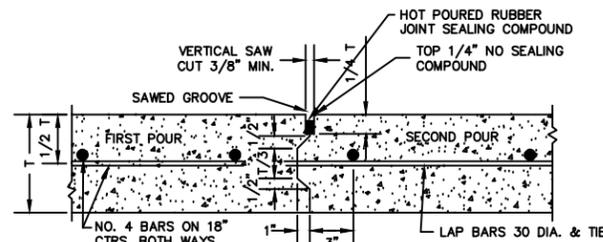


DETAIL OF MEDIAN PAVEMENT



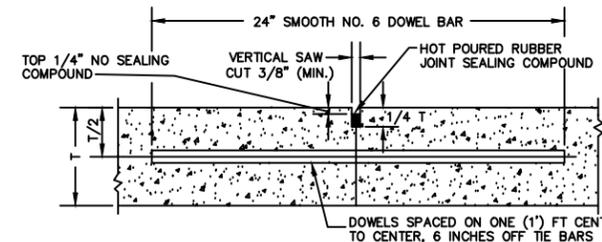
SAWED DUMMY JOINT

T = PAVEMENT THICKNESS



TYPICAL CONSTRUCTION JOINT

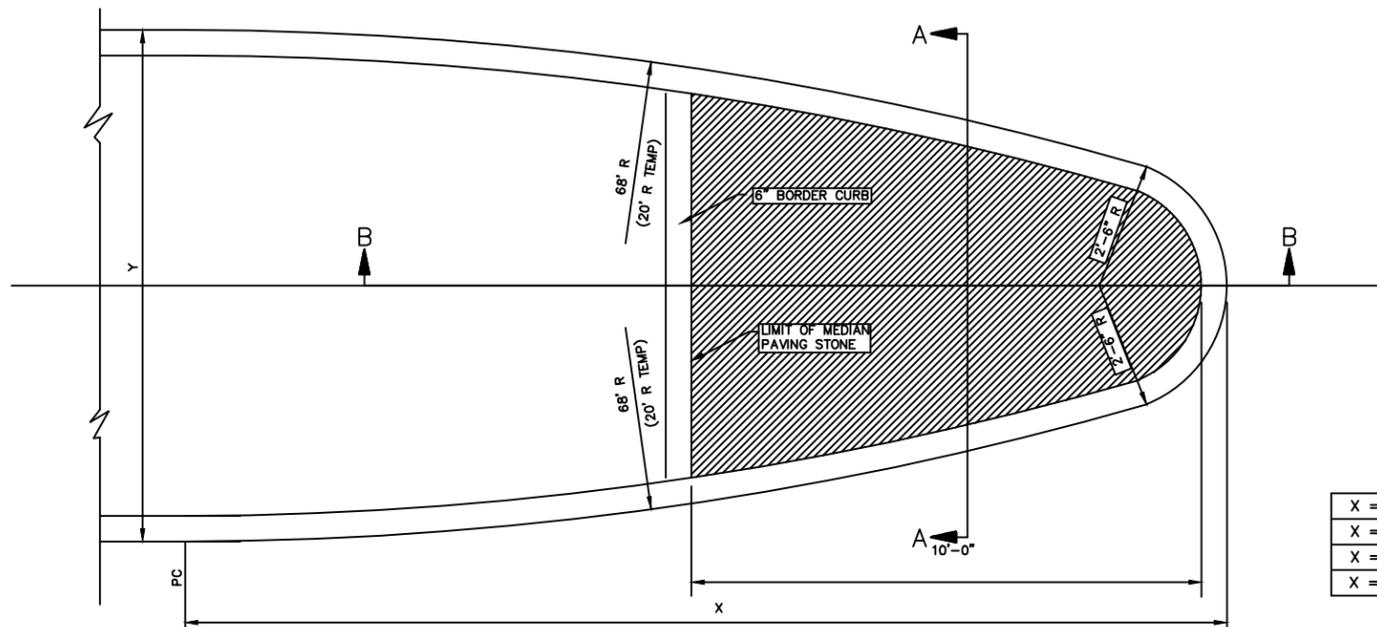
TRANSVERSE AND LONGITUDINAL JOINTS  
T = PAVEMENT THICKNESS



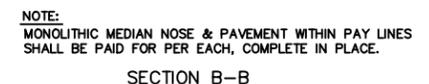
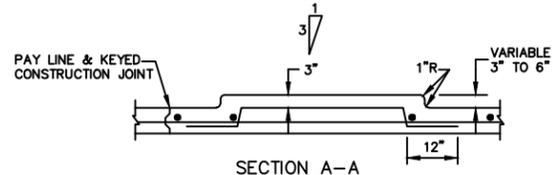
LONGITUDINAL BUTT JOINT

T = PAVEMENT THICKNESS

- NOTES:
1. LONGITUDINAL BUTT CONSTRUCTION MAY BE UTILIZED IN PLACE OF LONGITUDINAL HINGED (KEYWAY) JOINT AT CONTRACTOR'S OPTION.
  2. DOWEL BARS SHALL BE DRILLED INTO PAVEMENT HORIZONTALLY BY USE OF A MECHANICAL RIG. DRILLING BY HAND IS NOT ACCEPTABLE. PUSHING DOWEL BARS INTO GREEN CONCRETE IS NOT ACCEPTABLE.
  3. A KEYWAY SHALL BE USED IN PAVEMENT 8" THICK AND GREATER.



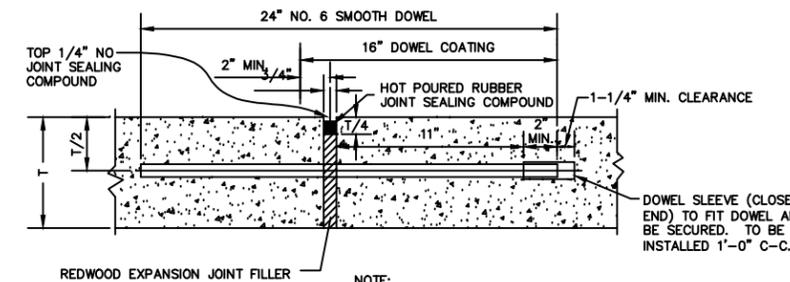
MONOLITHIC MEDIAN NOSE



NOTE:  
MONOLITHIC MEDIAN NOSE & PAVEMENT WITHIN PAY LINES SHALL BE PAID FOR PER EACH, COMPLETE IN PLACE.

DIMENSIONS OF MEDIAN NOSE

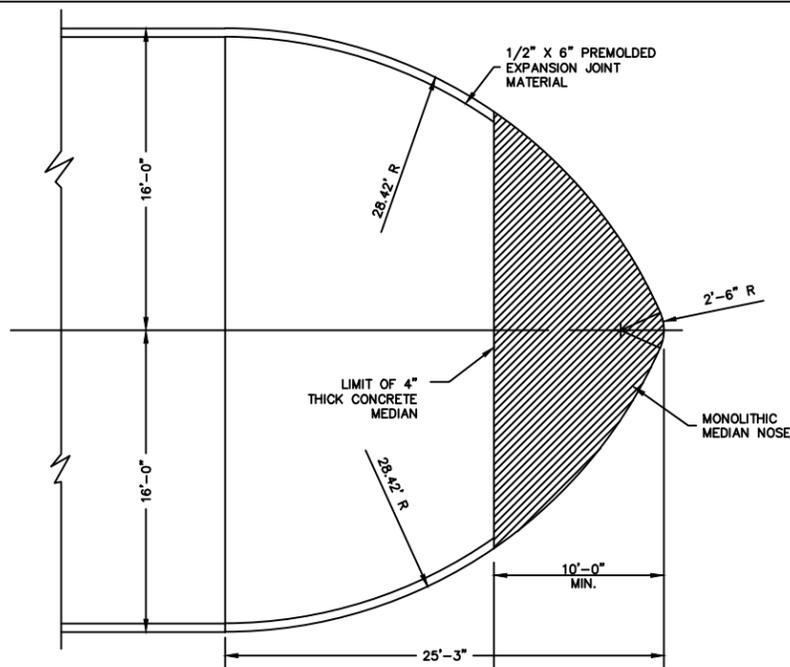
X = 13.90'	Y = 7'-0"	X = 26.36'	Y = 14'-0"
X = 16.44'	Y = 8'-0"	X = 29.89'	Y = 17'-0"
X = 18.06'	Y = 9'-0"	X = 32.93'	Y = 20'-0"
X = 20.42'	Y = 10'-0"	X = 36.47'	Y = 24'-0"



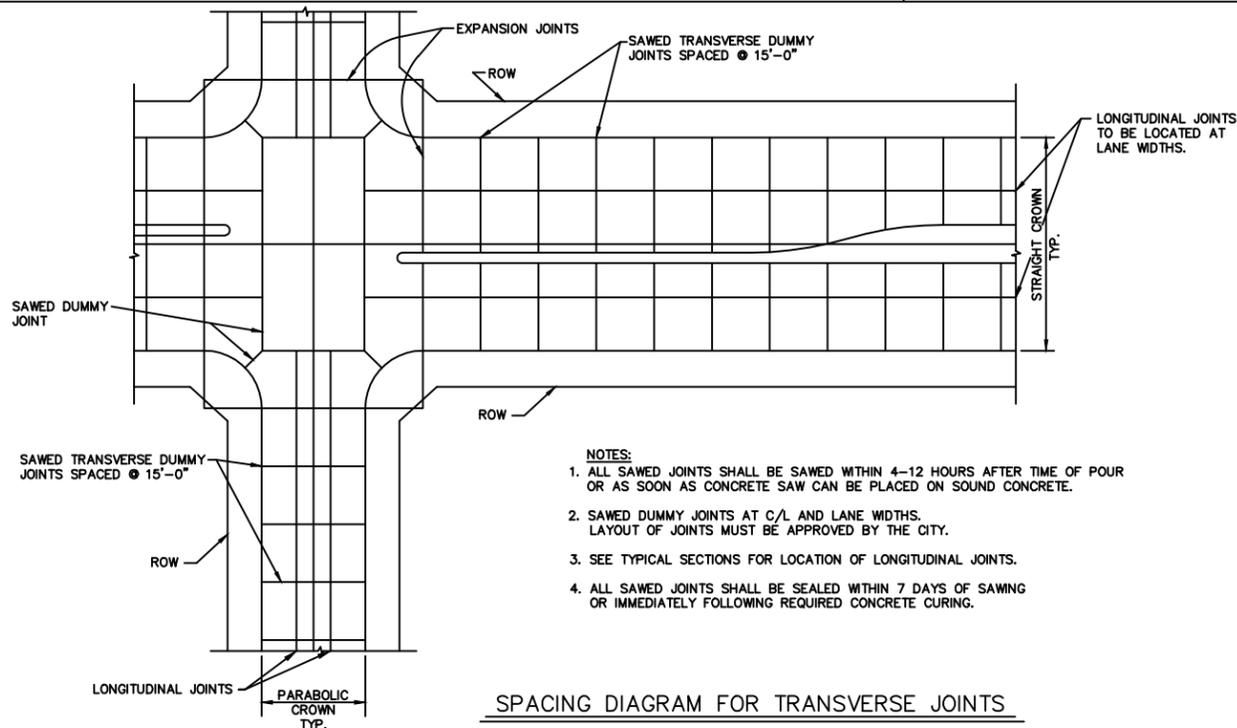
TRANSVERSE EXPANSION JOINT

(SPACED 300 FT. MAXIMUM; LOCATE AT INTERSECTIONS, PC'S & PT'S, AND VERTICAL CURVES W/GRADE CHANGE GREATER THAN 5 DEGREES)  
T = PAVEMENT THICKNESS

NOTE:  
DOWELS AND REINFORCING BARS SHALL BE SUPPORTED BY AN APPROVED DEVICE.



DETAIL OF NOSE FOR 32' WIDE MEDIAN ISLAND



SPACING DIAGRAM FOR TRANSVERSE JOINTS

- NOTES:
1. ALL SAWED JOINTS SHALL BE SAWED WITHIN 4-12 HOURS AFTER TIME OF POUR OR AS SOON AS CONCRETE SAW CAN BE PLACED ON SOUND CONCRETE.
  2. SAWED DUMMY JOINTS AT C/L AND LANE WIDTHS. LAYOUT OF JOINTS MUST BE APPROVED BY THE CITY.
  3. SEE TYPICAL SECTIONS FOR LOCATION OF LONGITUDINAL JOINTS.
  4. ALL SAWED JOINTS SHALL BE SEALED WITHIN 7 DAYS OF SAWING OR IMMEDIATELY FOLLOWING REQUIRED CONCRETE CURING.

REV.	COMMENTS	BY	DATE

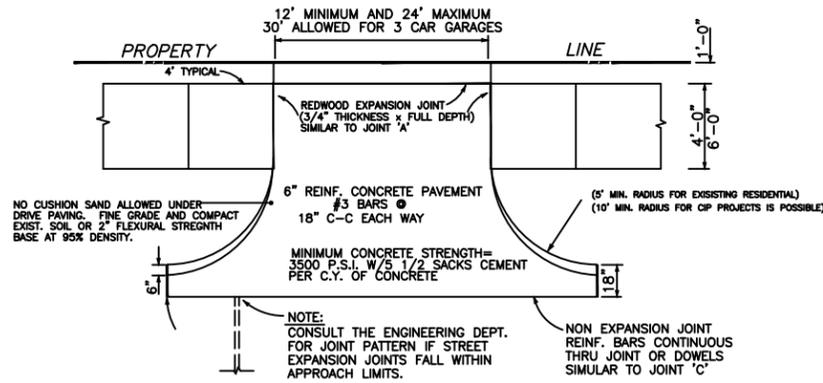
**Rowlett** CITY OF ROWLETT, TEXAS  
DEPARTMENT OF PUBLIC WORKS

STANDARD CONSTRUCTION DETAILS  
PAVING

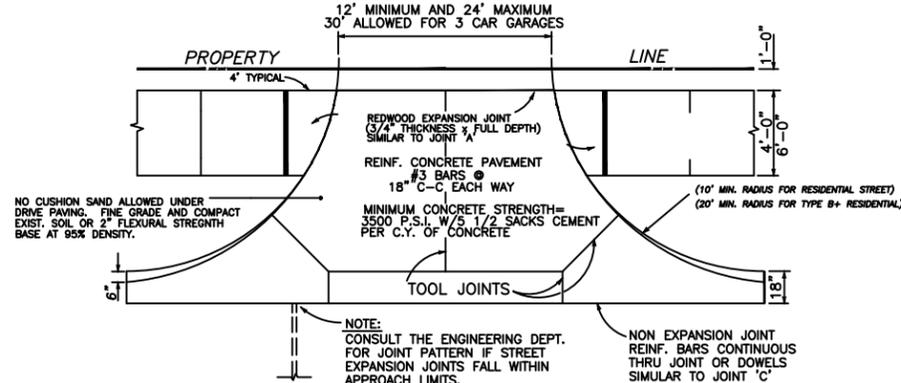
STRAIGHT CROWN STREETS

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DRAWN:	NOTED		SD-3
CHECKED:	DATE:		

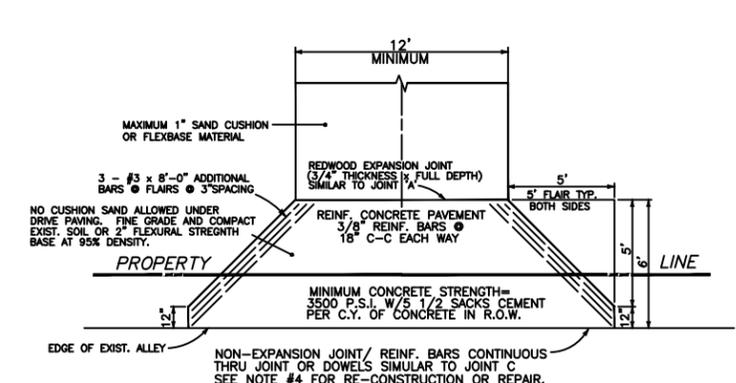
**REPAIR EXISTING RESIDENTIAL DRIVEWAY**



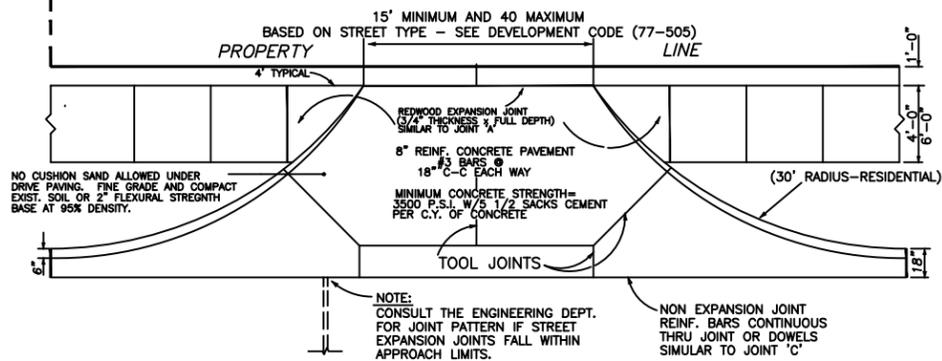
**TYPICAL RESIDENTIAL DRIVEWAY**



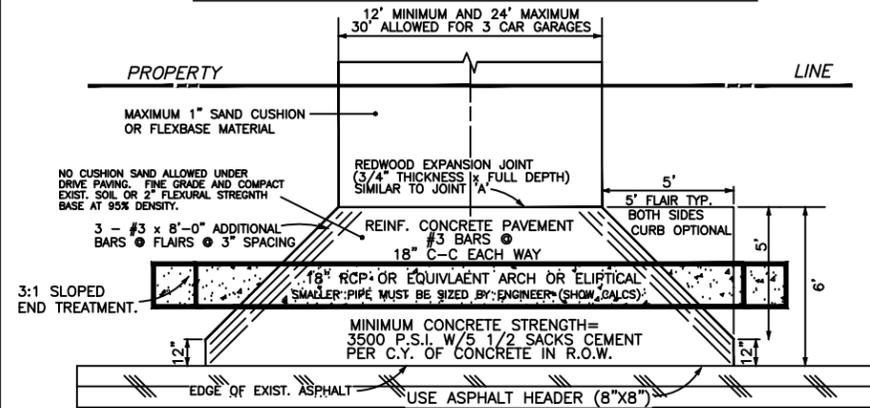
**TYPICAL RESIDENTIAL DRIVEWAY APPROACH TO ALLEY**



**TYPICAL COMMERCIAL DRIVE APPROACH**



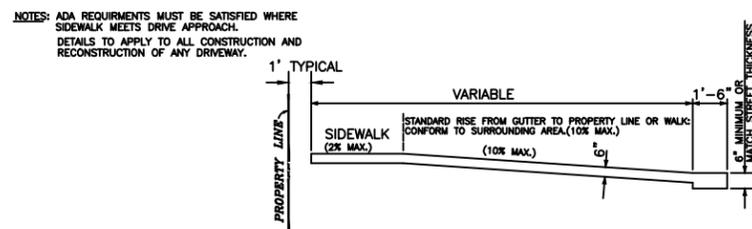
**RESIDENTIAL DRIVE ABUTTING ASPHALT STREET**



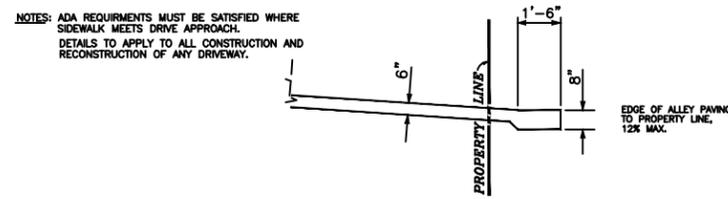
**GENERAL DRIVE NOTES:**

1. CONCRETE PAVING SHALL NOT BE LESS THAN 3500 P.S.I. IN APPROACH AND OUTSIDE APPROACH.
2. REINFORCE CONCRETE PAVING WITH MINIMUM #4 REINF. BARS @ 18" C-C TRANSVERSE & NOT MORE THAN 18" C-C LONGITUDINAL.
3. 6" MIN.-12" MAX. MONOLITHIC CURB OR NCTCOG 802.2 (SD-2180) SHALL BE INSTALLED WHEN A MAXIMUM VERTICAL RISE IN R.O.W. IS 3:1 SLOPE OR GREATER, OR WHERE NECESSARY OR AS DIRECTED BY THE PUBLIC WORKS DIRECTOR OR DESIGNER.
4. ALLEY RE-CONSTRUCTION OR REPAIR REQUIRES INSTALLATION OF REDWOOD EXPANSION JOINT "A" AT EDGE OF ALLEY.
5. DOWELLING SHALL BE INTO FULLY CURED CONCRETE ONLY.
6. TRAFFIC/ EQUIPMENT ACCESS FOR ANY NEW PAVING SHALL BE 14 DAYS OR ON FULLY CURED CONCRETE AS APPROVED BY OWNER UNLESS TYPE III CEMENT IS USED, THEN PAVEMENT MAY BE OPENED AFTER 4 DAYS.
7. FORMS SHALL REMAIN IN PLACE FOR CURING PER LATEST VERSION NCTCOG.
8. AFTER CURB & GUTTER ABUTTING STREET HAS BEEN SAWCUT AND REMOVED, NO MORE THAN 72 HOURS IS ALLOWED BEFORE DRIVE APPROACH CONCRETE IS PLACED.
9. A BUILDING PERMIT IS REQUIRED FOR DRIVE PAVING OVER 100 SF. A RIGHT-OF-WAY PERMIT IS REQUIRED, AND RIGHT-OF-WAY INSPECTION FOR ANY AREAS IN THE RIGHT-OF-WAY OR EASEMENT.
10. FINAL INSPECTION AND ACCEPTANCE OF THE DRIVE APPROACH BY COR PUBLIC WORKS WILL BE REQUIRED. ANY DEFECTS, INCLUDING CRACKING WILL BE REMOVED AND REPLACED.
11. IF WATER METERS, VALVES, MANHOLES, AND CLEAN-OUTS ARE IN PAVING AREAS THEY SHALL MEET COR ENGINEERING STANDARDS AND FIRE CODE FOR LOAD RATING.

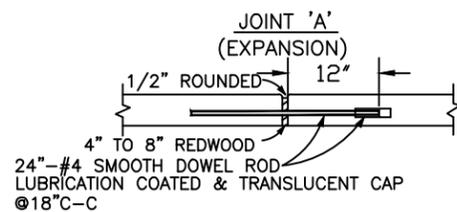
**TYPICAL DRIVE SECTION**



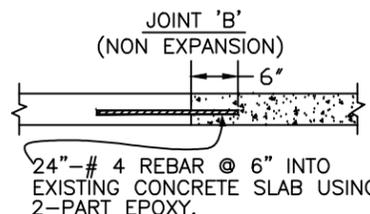
**SECTION FOR ALLEY DRIVE APPROACH**



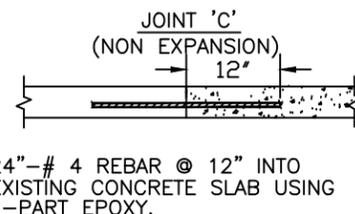
**DOWELLING DETAILS**



NOTE: FOR ALLEY, WALK, OR DRIVE  
CONSTRUCTED IN R.O.W. AND/OR HAS  
VERTICAL OR HORIZONTAL CHANGES  
USE JOINT 'A'



NOTE: IF NEW WALK OR DRIVE  
TO BE ADJOINING EXISTING  
CONCRETE WALK OR DRIVE  
USE JOINT 'B'



NOTE: IF NEW DRIVE, FIRE LANE,  
OR ALLEY IS ADJOINING EXISTING  
ALLEY, FIRE LANE, OR STREET  
USE JOINT 'C'

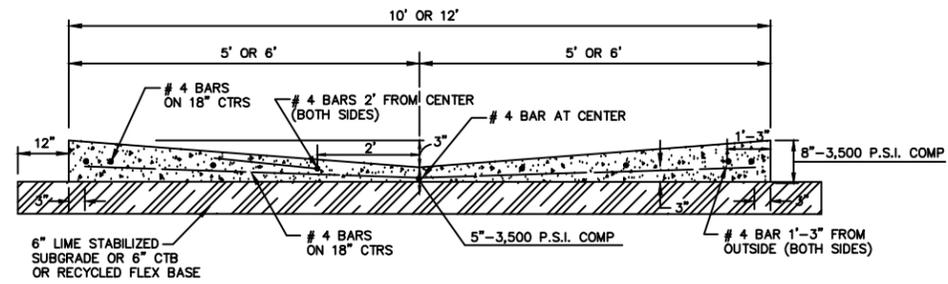
REV.	COMMENTS	BY	DATE

**Rowlett** CITY OF ROWLETT, TEXAS  
DEPARTMENT OF PUBLIC WORKS

STANDARD CONSTRUCTION DETAILS  
PAVING

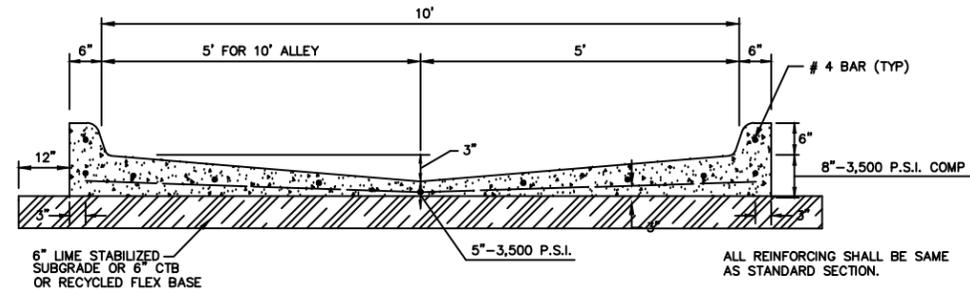
DRIVEWAY DETAILS

DESIGN:	SCALE:	PROJECT NO.	SHEET
DRAWN:	NOTED		SD-4
CHECKED:	DATE:		



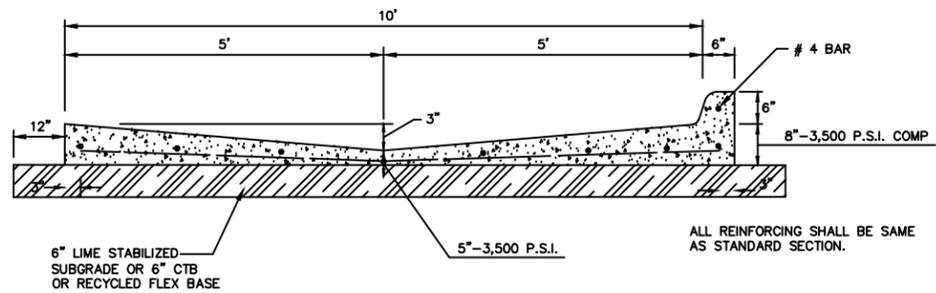
STANDARD 10' & 12' ALLEY SECTION

- NOTES:
1. ALL NEW CONSTRUCTION SHALL HAVE 12' WIDE ALLEYS IN 20' ROW.
  2. CURB SHALL TRANSITION TO ZERO BEFORE SIDEWALK.



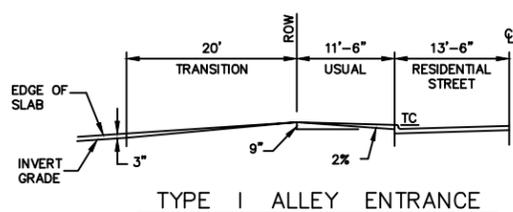
STANDARD ALLEY SECTION WITH CURBS

NOTE: CURBS NOT ALLOWED IN RESIDENTIAL AREAS EXCEPT AS APPROVED BY THE CITY.

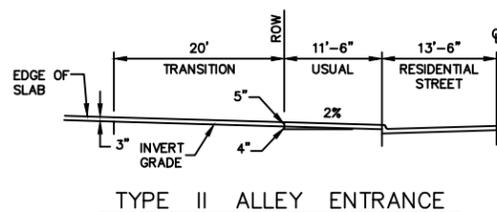


ALTERNATE 10' ALLEY SECTION/CURB

NOTE: CURBS NOT ALLOWED IN RESIDENTIAL AREAS EXCEPT AS APPROVED BY THE CITY.

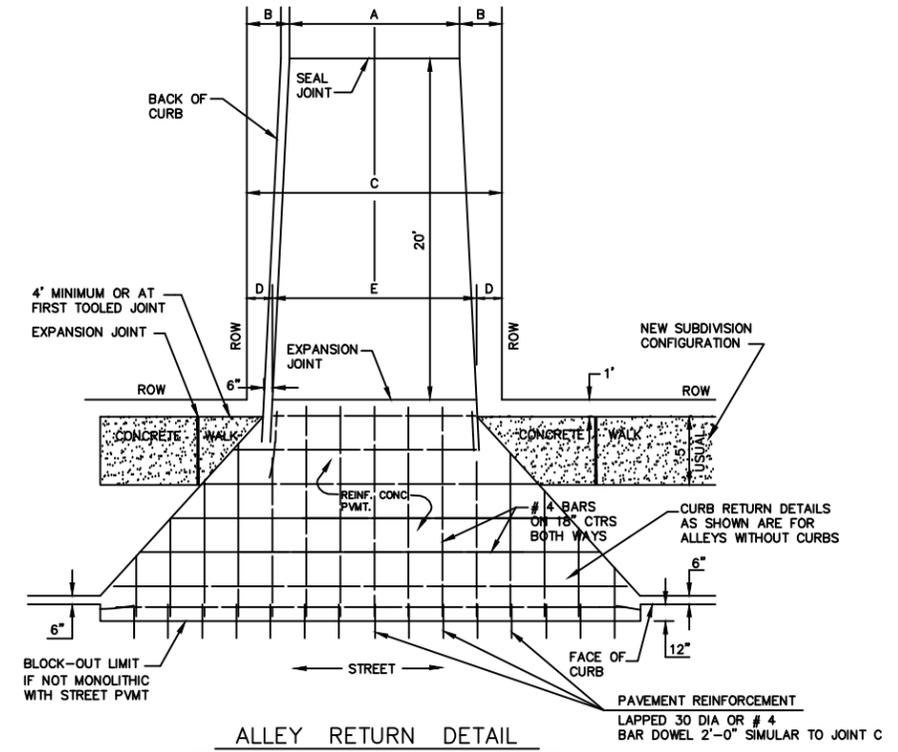


TYPE I ALLEY ENTRANCE

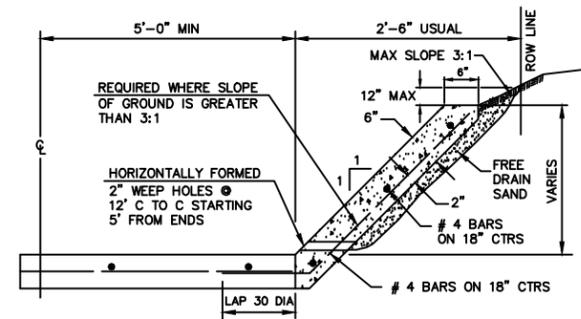


TYPE II ALLEY ENTRANCE

ALLEY WIDTH	A	B	C	D	E
10'	10'	2'-6"	15'	1'-6"	12'
12'	12'	4'-0"	20'	3'-0"	14'



ALLEY RETURN DETAIL



ALLEY SLOPE PROTECTION

GENERAL ALLEY NOTES:

1. CONCRETE PAVING SHALL BE 3500 P.S.I.
2. REINFORCE CONCRETE PAVING WITH MINIMUM #4 REINF. BARS @ 18" C-C TRANSVERSE & NOT MORE THAN 18" C-C LONGITUDINAL.
3. 6" MIN.-12" MAX. MONOLITHIC CURB OR NCTCOG 802.2 (SD-2180) SHALL BE INSTALLED WHEN A MAXIMUM VERTICAL RISE IN R.O.W. IS 3:1 SLOPE OR GREATER, OR WHERE NECESSARY, OR AS DIRECTED BY THE PUBLIC WORKS DIRECTOR OR DESIGNEE.
4. ALLEY RE-CONSTRUCTION OR REPAIR REQUIRES INSTALLATION OF REDWOOD EXPANSION JOINT "A" AT EDGE OF ALLEY.
5. DOWELLING SHALL BE INTO FULLY CURED CONCRETE ONLY.
6. TRAFFIC/ EQUIPMENT ACCESS FOR ANY NEW PAVING SHALL BE 14 DAYS OR ON FULLY CURED CONCRETE AS APPROVED BY CITY UNLESS TYPE III CEMENT IS USED, THEN PAVEMENT MAY OPEN AFTER 4 DAYS.
7. FORMS SHALL REMAIN IN PLACE FOR CURING PER LATEST VERSION NCTCOG.
8. AFTER CURB & GUTTER ABUTTING STREET HAS BEEN SAWCUT AND REMOVED, NO MORE THAN 72 HOURS IS ALLOWED BEFORE DRIVE APPROACH CONCRETE IS PLACED.
9. IF WATER METERS, VALVES, MANHOLES, AND CLEAN-OUTS ARE IN PAVING AREAS THEY SHALL MEET COR ENGINEERING STANDARDS AND FIRE CODE FOR LOAD RATING.
10. ALLEY PAVING SHALL MEET STREET REQUIREMENTS FOR SD-1 AND SD-2.

GENERAL NOTES FOR ALLEYS AND DRIVEWAYS

1. CONCRETE FOR ALLEY RETURNS AND DRIVEWAYS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS IDENTICAL TO THAT SPECIFIED FOR THE STREET PAVEMENT OR BASE WHEN BUILT AS COMPONENTS OF A CONCRETE PAVING PROJECT. WHEN BUILT SEPARATELY, THE STRENGTH SHALL BE AS SPECIFIED ON THE CONSTRUCTION PLANS.
2. CONCRETE FOR ALLEY PAVEMENT SHALL BE OF THE STRENGTH SPECIFIED ON THE CONSTRUCTION PLANS. (3,500 P.S.I. MINIMUM COMPRESSIVE)
3. SPACING AND CONSTRUCTION OF JOINTS SHALL CONFORM TO STREET PAVEMENT DETAILS.
4. FREE DRAINING SAND SHALL MEET THE FOLLOWING GRADATION.

SIEVE SIZE	% PASSING
# 4	90-100
# 16	70-100
# 50	20-70
# 100	5-40
# 200	0-10

REV.	COMMENTS	BY	DATE

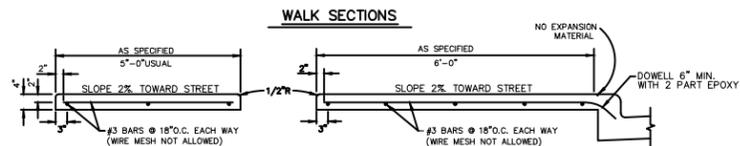
**Rowlett** CITY OF ROWLETT, TEXAS  
DEPARTMENT OF PUBLIC WORKS

STANDARD CONSTRUCTION DETAILS  
PAVING

ALLEY SECTIONS & RETURNS

DESIGN:	SCALE:	PROJECT NO.	SHEET
DRAWN:	NOTED		SD-5
CHECKED:	DATE:		



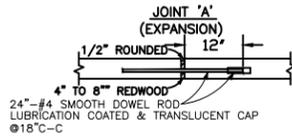


NOTE: SIDEWALK SHALL BE PLACED ON WELL COMPACTED 1" FLEXBASE MATERIAL.

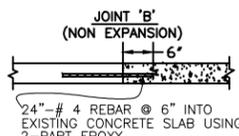
CONCRETE STRENGTH = 3500 PSI, MINIMUM 5 SACKS OF CEMENT PER CUBIC YARD

CONTRACTOR SHALL USE WHITE PIGMENTED CURING COMPOUND

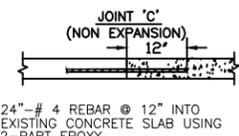
**DOWELLING DETAILS**



NOTE: FOR ALLEY, WALK, OR DRIVE CONSTRUCTED IN R.O.W. AND/OR HAS VERTICAL OR HORIZONTAL CHANGES USE JOINT 'A'



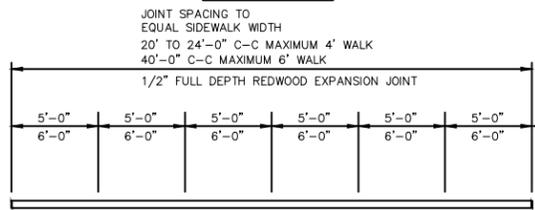
NOTE: IF NEW WALK OR DRIVE TO BE ADJOINING EXISTING CONCRETE WALK OR DRIVE USE JOINT 'B'



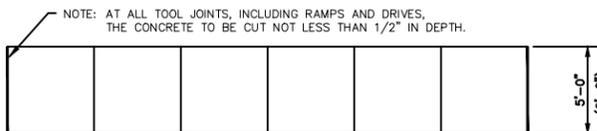
NOTE: IF NEW DRIVE, FIRE LANE, OR ALLEY IS ADJOINING EXISTING CONCRETE WALK OR DRIVE USE JOINT 'C'

**CONCRETE SIDEWALKS**

**SIDE ELEVATION**



**TOP ELEVATION**



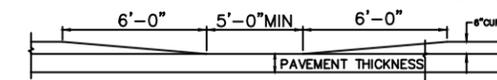
**SIDEWALK NOTES**

1. A MINIMUM 36" CLEARANCE WIDTH IS REQUIRED FOR ALL WALKS.
2. RUNNING SLOPE SHALL NOT EXCEED 1:12 OR THE LEAST POSSIBLE SLOPE AS DIRECTED BY THE CITY.
3. CROSS SLOPE SHALL NOT EXCEED 2%.
4. SIDEWALKS LESS THAN 5 FEET WIDE IN CONTINUOUS WIDTH SHALL PROVIDE PASSING SPACE AT INTERVALS NOT TO EXCEED 200 L.F.; PASSING SPACE SHALL CONSIST OF A 60"x60" MINIMUM CLEAR SPACE OR AT THE INTERSECTION OF ANOTHER SIDEWALK, LEADWALK, ALLEY OR OTHER PAVED AREA WITH A MINIMUM 36" WIDTH.
5. PROTRUDING OBJECTS SHALL NOT EXCEED 4" VERTICALLY INTO ANY SIDEWALK WIDTH AND SHALL NOT REDUCE THE CLEARANCE WIDTH LESS THAN 36".
6. SIDEWALKS SHALL NOT BE LOCATED OVER GRATINGS HAVING AN OPENING GREATER THAN 1/2" IN ANY DIRECTION.
7. SIDEWALKS SHALL NOT HAVE ANY OBSTRUCTIONS IN THE PATHWAY GREATER THAN 1/8".
8. RECESS REDWOODS 1/4" MINIMUM TO ELIMINATE PROTRUSIONS ABOVE CONCRETE.

**CURB RAMP NOTES:**

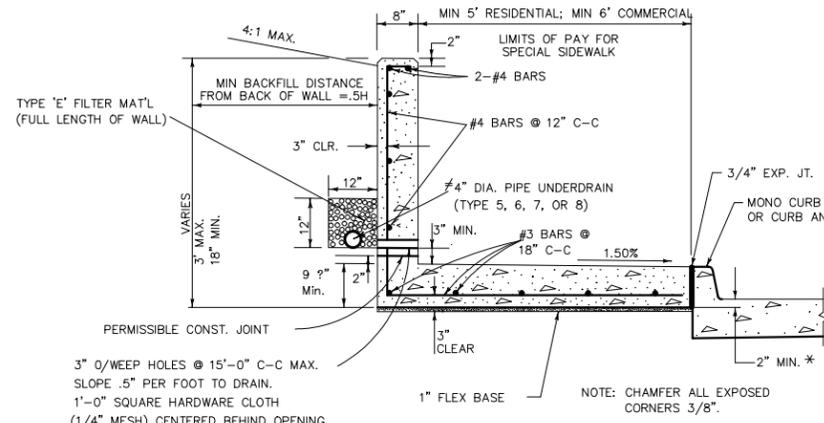


**SECTION 'C'**  
NOT TO SCALE



**SECTION 'A'**  
NOT TO SCALE

1. RAMP DETAILS SHALL COMPLY WITH TxDOT PED-05 STANDARD DRAWINGS
2. RAMPS SHALL BE PROVIDED AT ALL CORNERS OF STREET INTERSECTIONS OR WHERE THERE IS PROPOSED SIDEWALK & CURB. RAMPS MAY ALSO BE PLACED AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER.
3. A MIN. 48" LANDING SHALL BE PROVIDED AT THE TOP OF CURB RAMPS WITH A MAXIMUM SLOPE 2% IN ALL DIRECTIONS.
4. CURB RAMPS SHALL BE LOCATED ENTIRELY WITHIN ANY CROSSWALK MARKINGS.



MIN 5' RESIDENTIAL; MIN 6' COMMERCIAL

LIMITS OF PAY FOR SPECIAL SIDEWALK

2-#4 BARS

#4 BARS @ 12" C-C

#4 DIA. PIPE UNDERDRAIN (TYPE 5, 6, 7, OR 8)

3/4" EXP. JT.

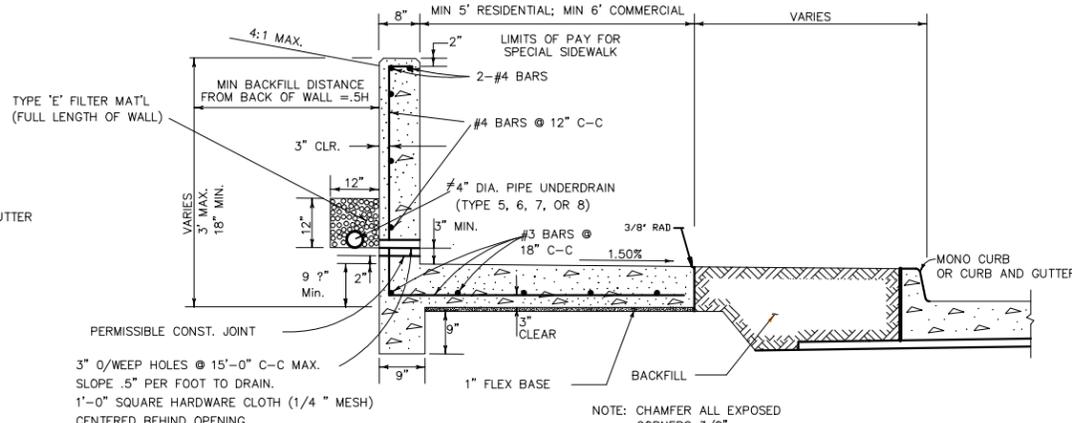
MONO CURB OR CURB AND GUTTER

3" O/WEEP HOLES @ 15'-0" C-C MAX. SLOPE .5" PER FOOT TO DRAIN. 1'-0" SQUARE HARDWARE CLOTH (1/4" MESH) CENTERED BEHIND OPENING.

NOTE: CHAMFER ALL EXPOSED CORNERS 3/8".

\*2" MIN. REQUIRED FOR LATERAL SUPPORT.

**SIDEWALK ADJACENT TO CURB**



MIN 5' RESIDENTIAL; MIN 6' COMMERCIAL

LIMITS OF PAY FOR SPECIAL SIDEWALK

2-#4 BARS

#4 BARS @ 12" C-C

#4 DIA. PIPE UNDERDRAIN (TYPE 5, 6, 7, OR 8)

3/8" RAD

MONO CURB OR CURB AND GUTTER

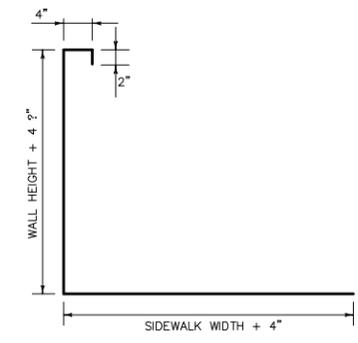
3" O/WEEP HOLES @ 15'-0" C-C MAX. SLOPE .5" PER FOOT TO DRAIN. 1'-0" SQUARE HARDWARE CLOTH (1/4" MESH) CENTERED BEHIND OPENING.

NOTE: CHAMFER ALL EXPOSED CORNERS 3/8". PLACE CURB AND COMPACT PAVEMENT BACKFILL BEFORE BACKFILLING BEHIND WALL

**SIDEWALK REMOTE FROM CURB**

**SPECIAL CONCRETE SIDEWALK w/ RETAINING WALL**

1. Minimum compressive design strength of the concrete shall be 4,000psi at 28 days, 6 sack minimum cement content.
2. Minimum grade of reinforcing steel is to be ASTM A615 grade 60.
3. All distances to reinforcing steel refer to clear concrete cover over reinforcing steel unless otherwise noted.
4. Minimum reinforcing steel lap is to be (30) bar diameters.
5. Maximum spacing of expansion joints shall be 120-feet. An expansion joint shall be placed at each property line and paving redwoods. Expansion joints shall be continuous through wall and associated walk.
6. All exposed edges shall have a 3/4 inch chamfer.
7. Sidewalk shown is minimum width. Consult paving plans for clear sidewalk width.



**REINFORCING STEEL DETAIL**

**Pedestrian Facilities General Notes**

1. All slopes are maximum allowable. The least possible slope that will still drain properly should be used. Adjust curb ramp length or grade of approach sidewalks as directed.
2. A minimum 5' sidewalk width is required. When a sidewalk abuts the back of curb, a 5' sidewalk width is required if site conditions allow. Where a 5' sidewalk can not be provided due to site constraints, a minimum 3' sidewalk will be allowed for minimal distances with City approval. 5' x 5' passing areas at intervals not to exceed 200' are required for all sidewalks under 5'.
3. Landings shall be 5' x 5' minimum with a maximum 2% slope in any direction.
4. Maneuvering space at the bottom of curb ramps shall be a minimum of 4' x 4' wholly contained within the crosswalk and wholly outside the parallel vehicular travel path.
5. Maximum allowable cross slope on sidewalk and curb ramp surfaces is 2%.
6. Curb ramps with returned curbs may be used only where pedestrians would not normally walk across the ramp, either because the adjacent surface is planting or other non-walking surface or because the side approach is substantially obstructed. Otherwise, provide flared sides.
7. Additional information on curb ramp location, design, light reflective value and texture may be found in the current edition of the Texas Accessibility Standards (TAS) and 16 TAC 68.102.
8. To serve as a pedestrian refuge area, the median should be a minimum of 5' wide. Medians should be designed to provide accessible passage over or through them.
9. Small channelization islands, which do not provide a minimum 5' x 5' landing at the top of curb ramps, shall be cut through level with the surface of the street.
10. Crosswalk dimensions, crosswalk markings and stop bar locations shall be as shown elsewhere in the plans. At intersections where crosswalk markings are not required, curb ramps shall be aligned with theoretical crosswalks, or as directed by the Engineer.
11. Existing features that comply with TAS may remain in place unless otherwise shown on the plans.
12. Handrails are not required on curb ramps; however, handrails should be installed when ramp is perpendicular to a drop off or slope greater than 4:1.
13. Provide curb ramps wherever an accessible route crosses (penetrates) a curb.
14. Separate curb ramp and landings from adjacent sidewalk and any other elements with premod or board joint of 3/4" unless otherwise directed by the Engineer.
15. Provide a smooth transition where the curb ramps connect to the street.
16. Flare slope shall not exceed 10% measured along curb line.

REV.	COMMENTS	BY	DATE

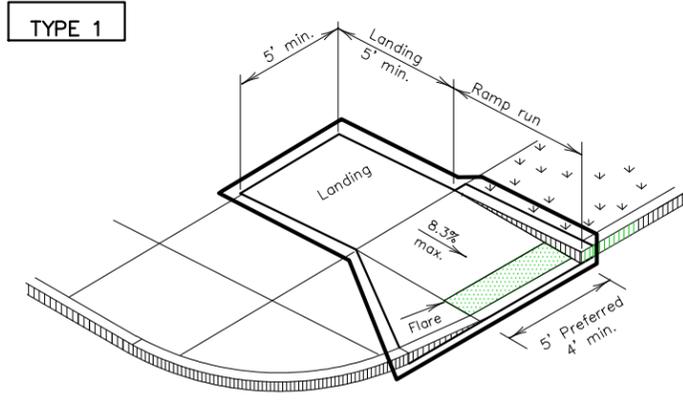
**Rowlett CITY OF ROWLETT, TEXAS**  
DEPARTMENT OF PUBLIC WORKS

STANDARD CONSTRUCTION DETAILS  
CONCRETE SIDEWALKS

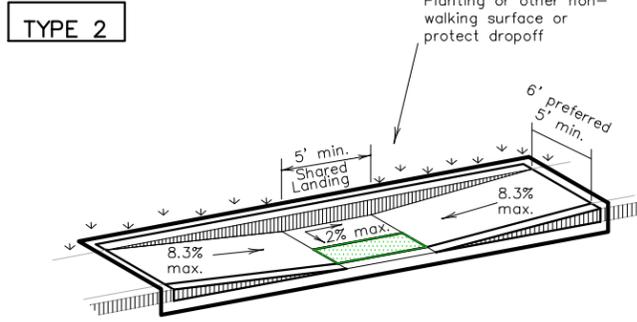
CURB RAMP &  
DOWELLING DETAILS

DESIGN:	SCALE:	PROJECT NO.	SHEET
DRAWN:	NOTED		SD-7
CHECKED:	DATE:		

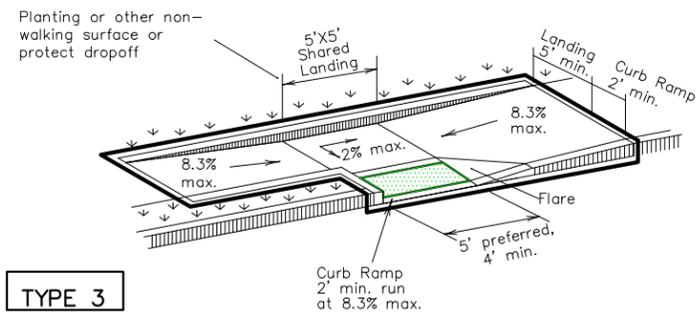
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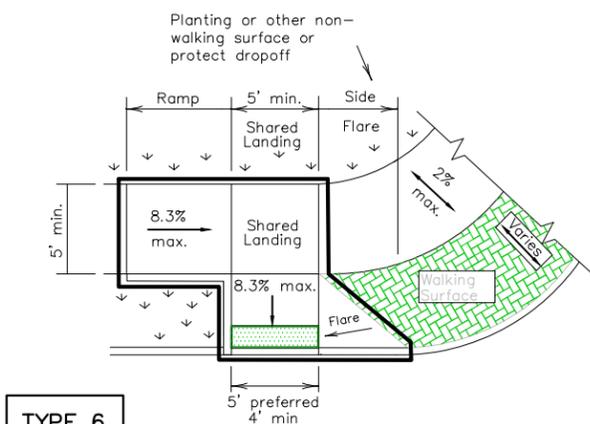
PERPENDICULAR CURB RAMP



PARALLEL CURB RAMP  
(Use only where water will not pond in the landing.)

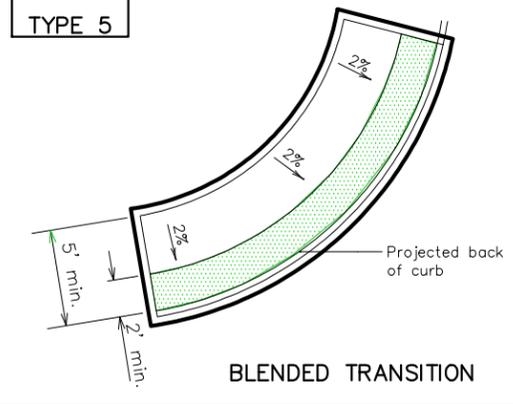


TYPE 3

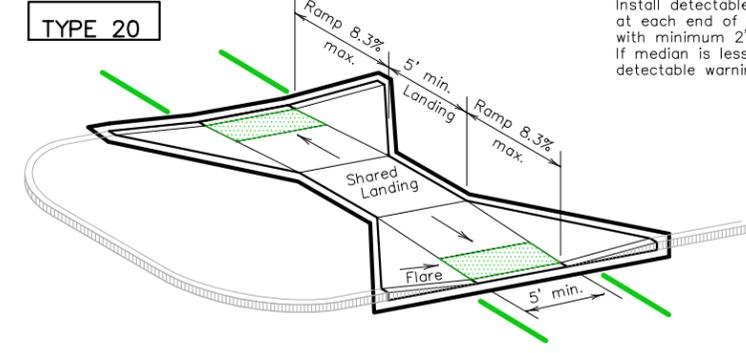


TYPE 6

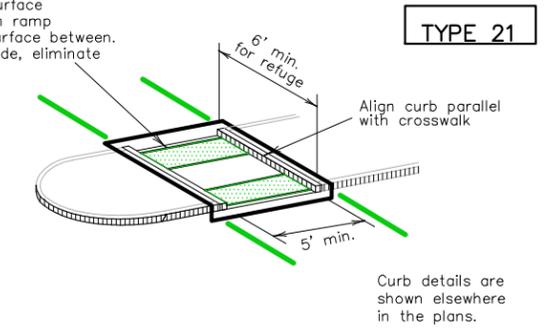
COMBINATION CURB RAMPS



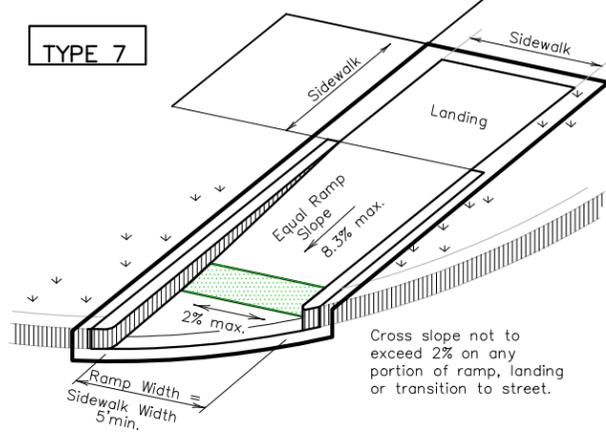
BLENDED TRANSITION



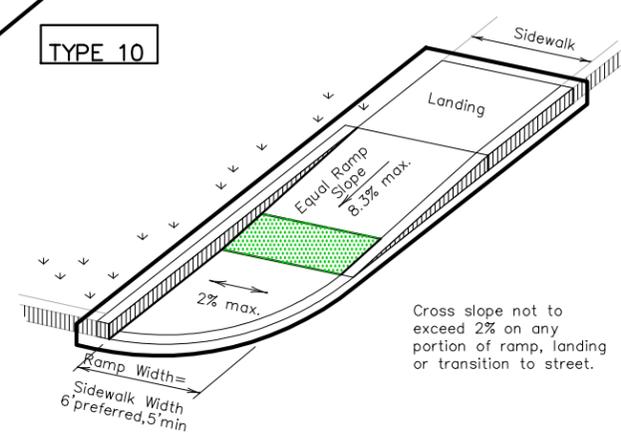
CURB RAMPS AT MEDIAN ISLANDS



TYPE 21

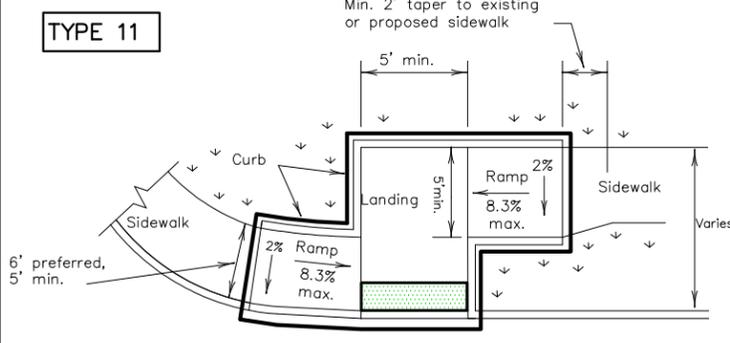


(Sidewalk set back from curb)

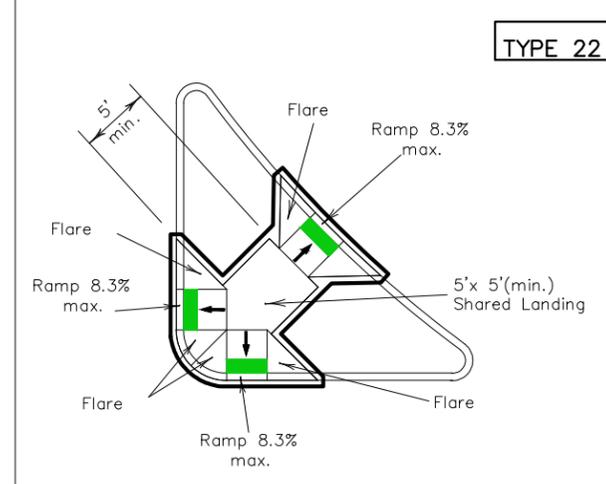


(Sidewalk adjacent to curb)

DIRECTIONAL RAMPS WITHIN RADIUS



OFFSET PARALLEL CURB RAMP



TYPE 22

COMBINATION ISLAND RAMPS

NOTES / LEGEND:

See General Notes on sheet 2 of 4 for more information.

Denotes planting or non-walking surface not part of pedestrian circulation path.

— Ramp Limits of Payment  
 Detectable Warning Surface

PEDESTRIAN FACILITIES  
CURB RAMPS

PED-12A

FILE: ped12a.dgn	DN: TxDOT	CK: RM	DW: TxDOT	CK: VP
©TxDOT March 2002	CONT	SECT	JOB	HIGHWAY
REVISIONS				
VP June 13, 2012	DIST	COUNTY		SHEET NO.
10/2013 Type 7 edited by COR				

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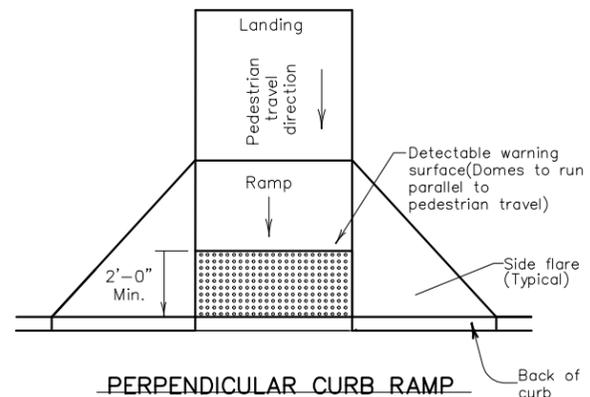
## General Notes

### Curb Ramps

1. Install a curb ramp or blended transition at each pedestrian street crossing.
2. All slopes shown are maximum allowable. Lesser slopes that will still drain properly should be used. Adjust curb ramp length or grade of approach sidewalks as directed.
3. The minimum sidewalk width is 5'. Where the sidewalk is adjacent to the back of curb, a 6' sidewalk width is desirable. Where a 5' sidewalk cannot be provided due to site constraints, sidewalk width may be reduced to 4' for short distances. 5' x 5' passing areas at intervals not to exceed 200' are required.
4. Landings shall be 5' x 5' minimum with a maximum 2% slope in any direction.
5. Maneuvering space at the bottom of curb ramps shall be a minimum of 4' x 4' wholly contained within the crosswalk and wholly outside the parallel vehicular travel path.
6. Maximum allowable cross slope on sidewalk and curb ramp surfaces is 2%.
7. Provide flared sides where the pedestrian circulation path crosses the curb ramp. Flared sides shall be sloped at 10% maximum, measured parallel to the curb. Returned curbs may be used only where pedestrians would not normally walk across the ramp, either because the adjacent surface is planted, substantially obstructed, or otherwise protected.
8. Additional information on curb ramp location, design, light reflective value and texture may be found in the current edition of the Texas Accessibility Standards (TAS) and 16 TAC 68.102.
9. To serve as a pedestrian refuge area, the median should be a minimum of 6' wide, measured from back of curbs. Medians should be designed to provide accessible passage over or through them.
10. Small channelization islands, which do not provide a minimum 5' x 5' landing at the top of curb ramps, shall be cut through level with the surface of the street.
11. Crosswalk dimensions, crosswalk markings and stop bar locations shall be as shown elsewhere in the plans. At intersections where crosswalk markings are not required, curb ramps shall align with theoretical crosswalks unless otherwise directed.
12. Handrails are not required on curb ramps. Provide curb ramps wherever on accessible route crosses (penetrates) a curb.
13. Curb ramps and landings shall be constructed and paid for in accordance with Item 531 "Sidewalks".
14. Place concrete at a minimum depth of 5" for ramps, flares and landings, unless otherwise directed.
15. Provide a smooth transition where the curb ramps connect to the street.
16. Curbs shown on sheet 1 within the limits of payment are considered part of the curb ramp for payment, whether it is concrete curb, gutter, or combined curb and gutter.
17. Existing features that comply with TAS may remain in place unless otherwise shown on the plans.

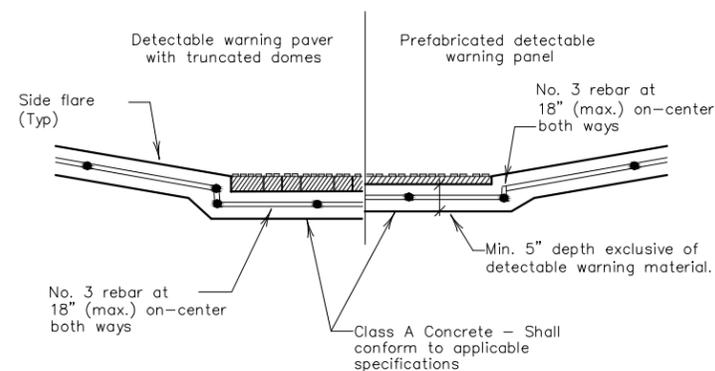
### Detectable Warning Material

18. Curb ramps must contain a detectable warning surface that consists of raised truncated domes complying with Section 705 of the TAS. The surface must contrast visually with adjoining surfaces, including side flares. Furnish and install an approved cast-in-place dark brown or dark red detectable warning surface material adjacent to uncolored concrete, unless specified elsewhere in the plans.
19. Detectable Warning Materials must meet TxDOT Departmental Materials Specification DMS 4350 and be listed on the Material Producer List. Install products in accordance with manufacturer's specifications.
20. Detectable warning surfaces must be slip resistant and not allow water to accumulate.
21. Detectable warning surfaces shall be a minimum of 24" in depth in the direction of pedestrian travel, and extend the full width of the curb ramp or landing where the pedestrian access route enters the street.
22. Detectable warning surfaces shall be located so that the edge nearest the curb line is at the back of curb. Align the rows of domes to be perpendicular to the grade break between the ramp run and the street. Detectable warning surfaces may be curved along the corner radius.
23. Shaded areas on Sheet 1 of 4 indicate the approximate location for the detectable warning surface for each curb ramp type.



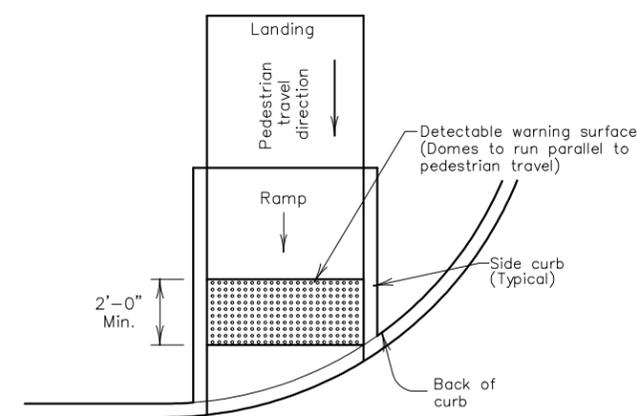
**PERPENDICULAR CURB RAMP**

Typical placement of detectable warning surface on sloping ramp run.



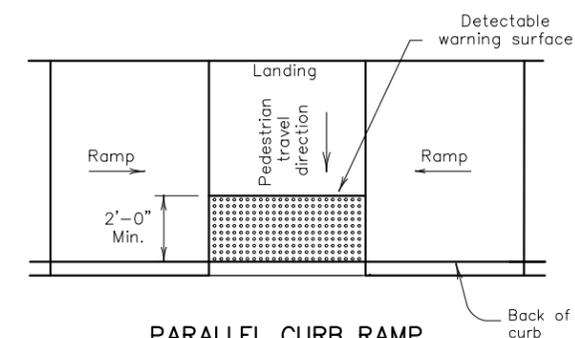
**SECTION: CURB RAMP AT DETECTABLE WARNING**

### DETECTABLE WARNINGS



**DIRECTIONAL CURB RAMP**

Typical placement of detectable warning surface on sloping ramp run.



**PARALLEL CURB RAMP**

Typical placement of detectable warning surface on landing at street edge.

### Detectable Warning Pavers

24. Furnish detectable warning paver units meeting all requirements of ASTM C-936, C-33. Lay in a two by two unit basket weave pattern or as directed.
25. Lay full-size units first followed by closure units consisting of at least 25 percent of a full unit. Cut detectable warning paver units using a power saw.

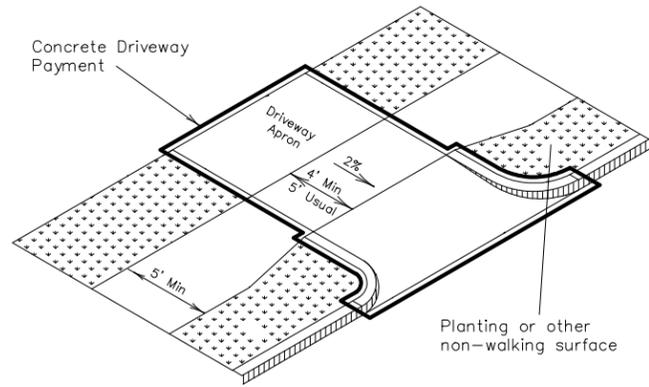
### Sidewalks

26. Provide clear ground space at operable parts, including pedestrian push buttons. Operable parts shall be placed within one or more reach ranges specified in TAS 308.
27. Place traffic signal or illumination poles, ground boxes, controller boxes, signs, drainage facilities and other items so as not to obstruct the pedestrian access route or clear ground space.
28. Street grades and cross slopes shall be as shown elsewhere in the plans.
29. Changes in level greater than 1/4 inch are not permitted.
30. The least possible grade should be used to maximize accessibility. The running slope of sidewalks and crosswalks within the public right of way may follow the grade of the parallel roadway. Where a continuous grade greater than 5% must be provided, handrails may be desirable to improve accessibility. Handrails may also be needed to protect pedestrians from potentially hazardous conditions. If provided, handrails shall comply with TAS 505.
31. Handrail extensions shall not protrude into the usable landing area or into intersecting pedestrian routes.
32. Driveways and turnouts shall be constructed and paid for in accordance with Item "Intersections, Driveways and Turnouts". Sidewalks shall be constructed and paid for in accordance with Item, "Sidewalks".
33. Sidewalk details are shown elsewhere in the plans.

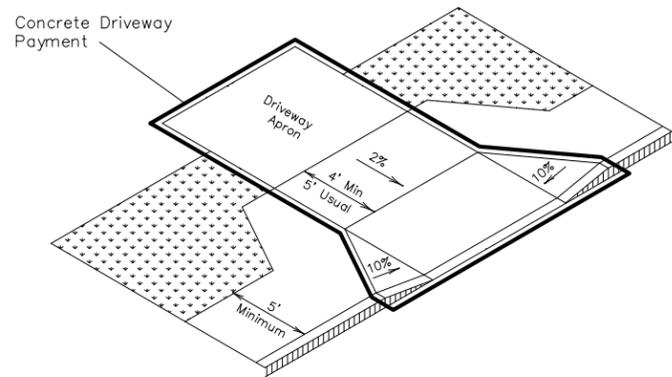
SHEET 2 OF 4

		<b>Design Division Standard</b>	
<h1>PEDESTRIAN FACILITIES</h1> <h2>CURB RAMPS</h2> <h3>PED-12A</h3>			
FILE: ped12a.dgn	DN: TxDOT	CK: RM	DW: TxDOT
©TxDOT March 2002	CONT	SECT	JOB
VP June 13, 2012	DIST	COUNTY	SHEET NO.

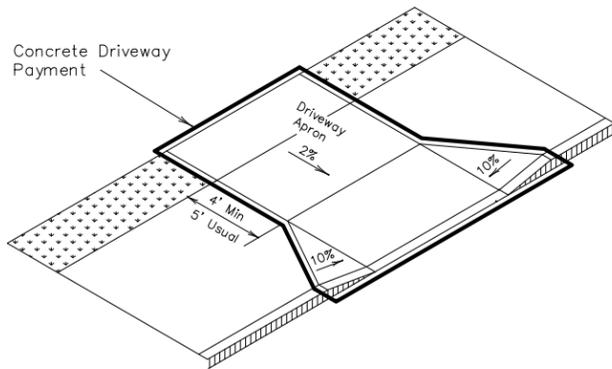
DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.



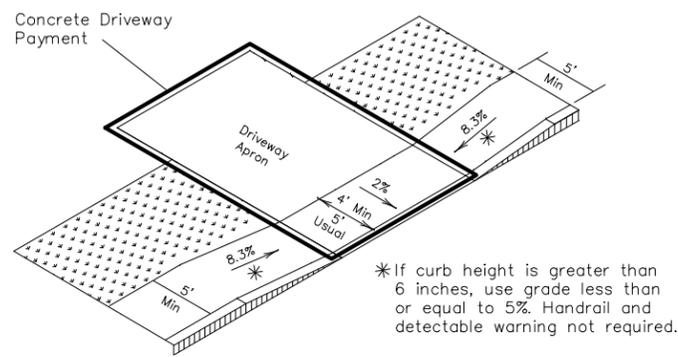
Setback sidewalk



Apron offset sidewalk



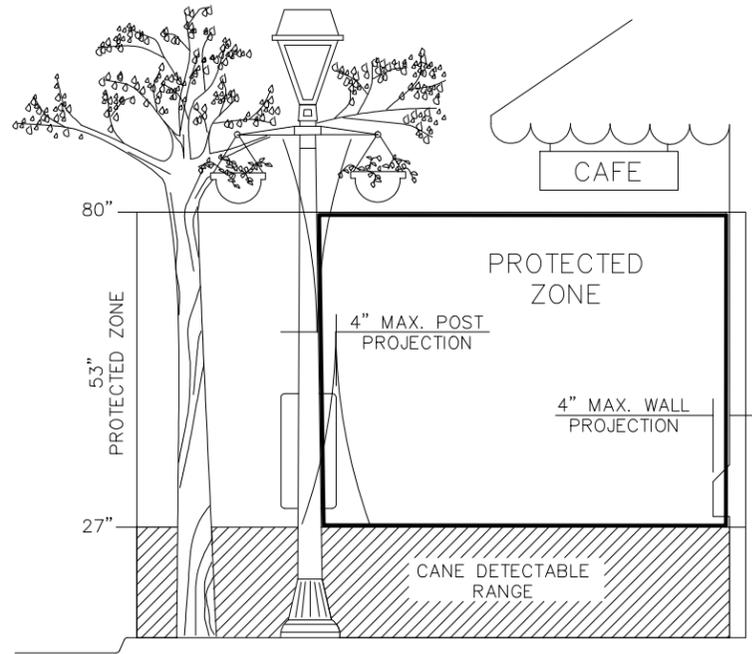
Wide sidewalk



Ramp sidewalk

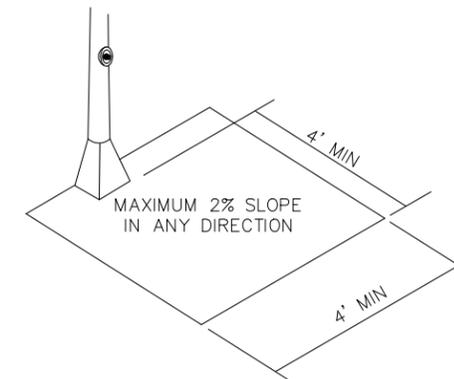
**SIDEWALK TREATMENT AT DRIVEWAYS**

\*If curb height is greater than 6 inches, use grade less than or equal to 5%. Handrail and detectable warning not required.

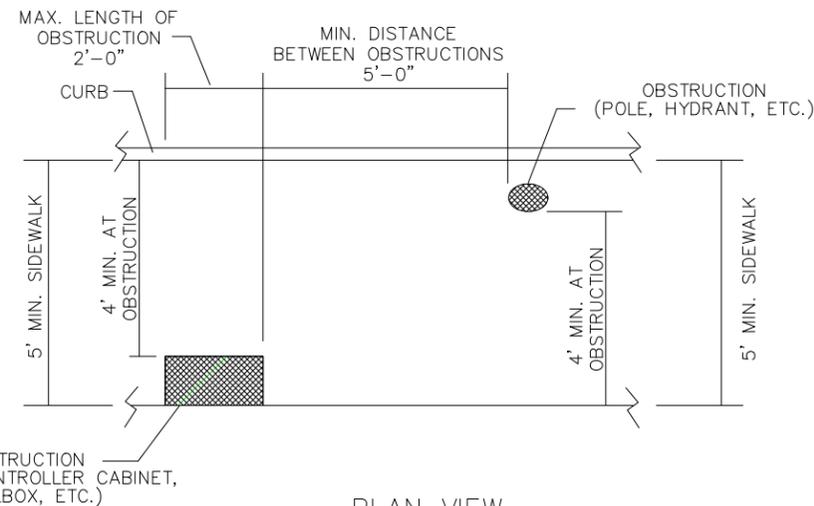


**PROTECTED ZONE**

In pedestrian circulation area, maximum 4" projection for post or wall mounted objects between 27" and 80" above the surface.



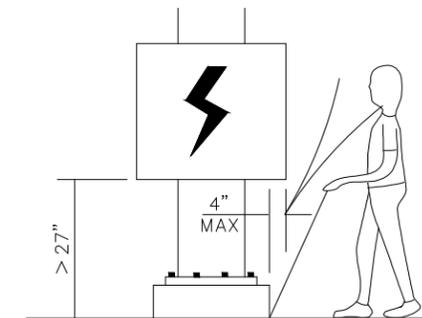
**CLEAR GROUND SPACE ADJACENT TO PEDESTRIAN PUSH BUTTON**



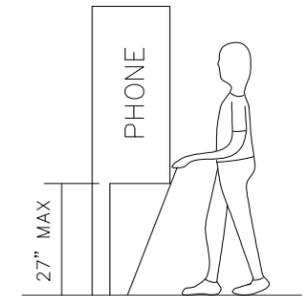
**PLAN VIEW**

**PLACEMENT OF STREET FIXTURES**

(ITEMS NOT INTENDED FOR PUBLIC USE. MINIMUM 4' x 4' CLEAR GROUND SPACE REQUIRED AT PUBLIC USE FIXTURES.)



When an obstruction of a height greater than 27" from the surface would create a protrusion of more than 4" into the pedestrian circulation area, construct additional curb or foundation at the bottom to provide a maximum 4" overhang.



Protruding objects of a height 27" are detectable by cane and do not require additional treatment.

**DETECTION BARRIER FOR VERTICAL CLEARANCE <80"**

SHEET 3 OF 4

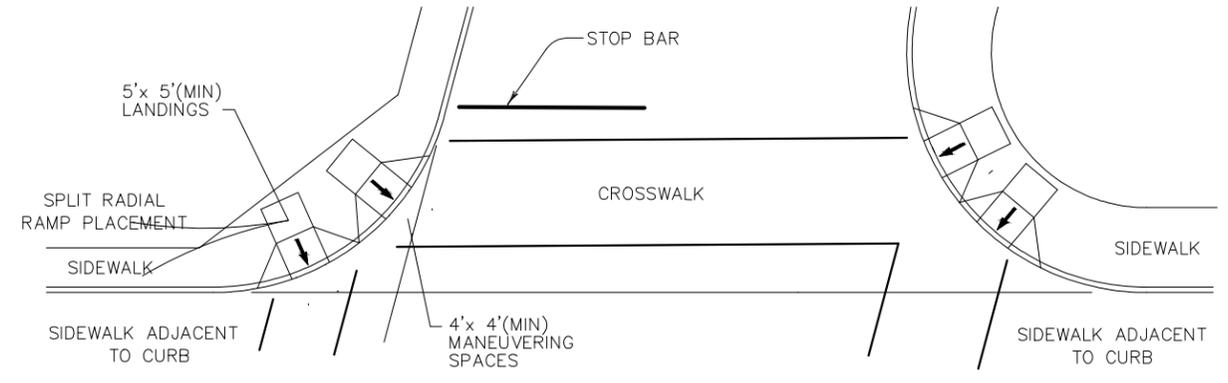


**PEDESTRIAN FACILITIES  
CURB RAMPS**

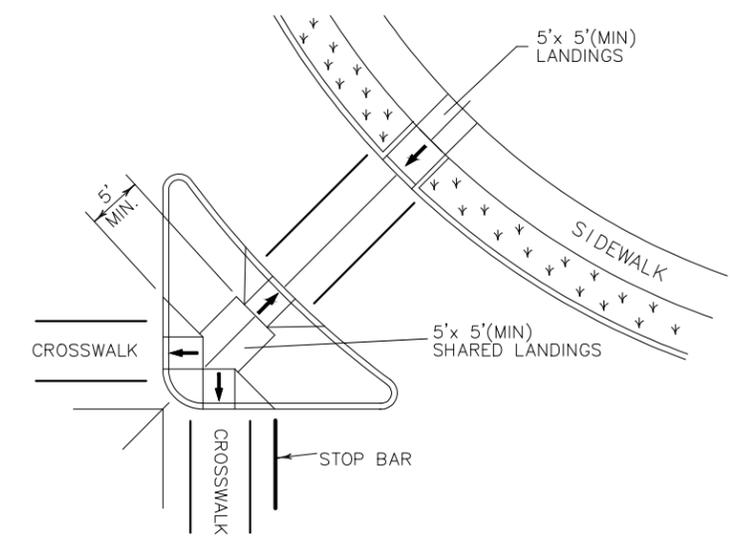
**PED-12A**

FILE: ped12a.dgn	DN: TxDOT	CK: RM	DW: TxDOT	CK: VP
©TxDOT March 2002	CONT	SECT	JOB	HIGHWAY
REVISIONS				
VP June 13, 2012	DIST	COUNTY	SHEET NO.	

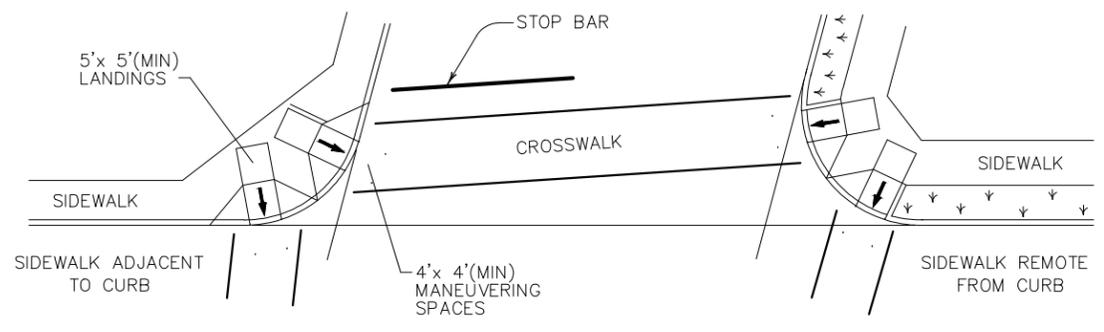
DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.



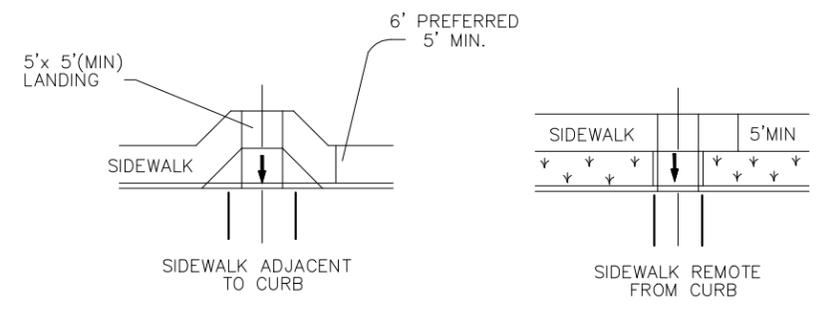
SKEWED INTERSECTION WITH "LARGE" RADIUS



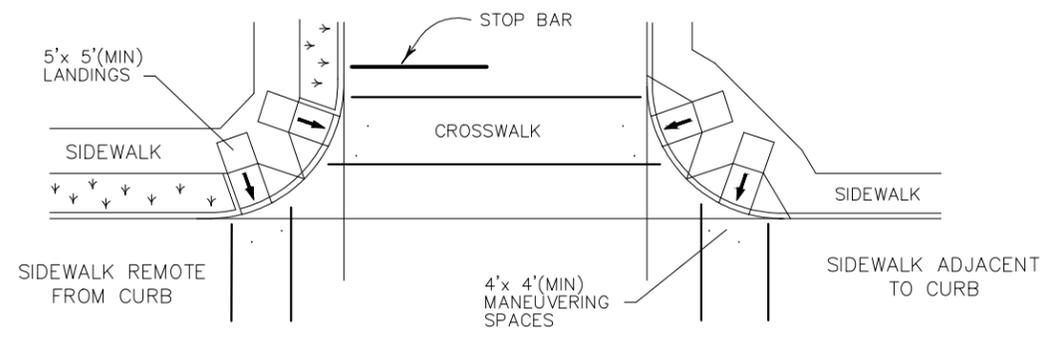
AT INTERSECTION W/FREE RIGHT TURN & ISLAND



SKEWED INTERSECTION WITH "SMALL" RADIUS



MID-BLOCK PLACEMENT PERPENDICULAR RAMPS



NORMAL INTERSECTION WITH "SMALL" RADIUS

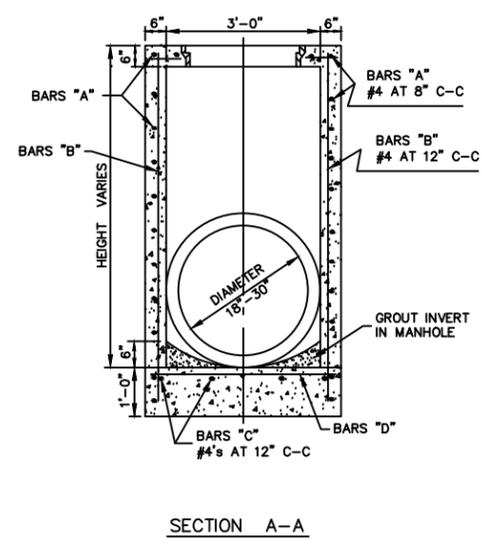
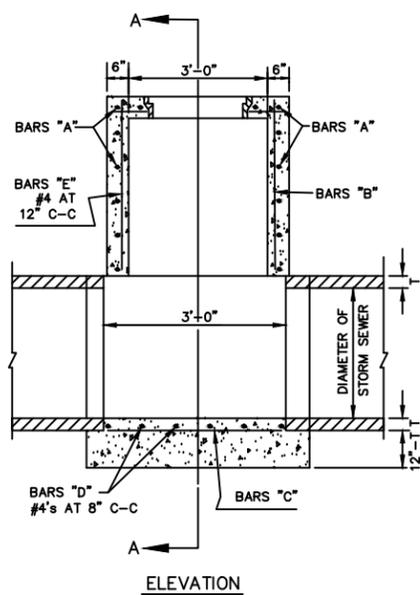
TYPICAL CROSSING LAYOUTS



PEDESTRIAN FACILITIES CURB RAMPS

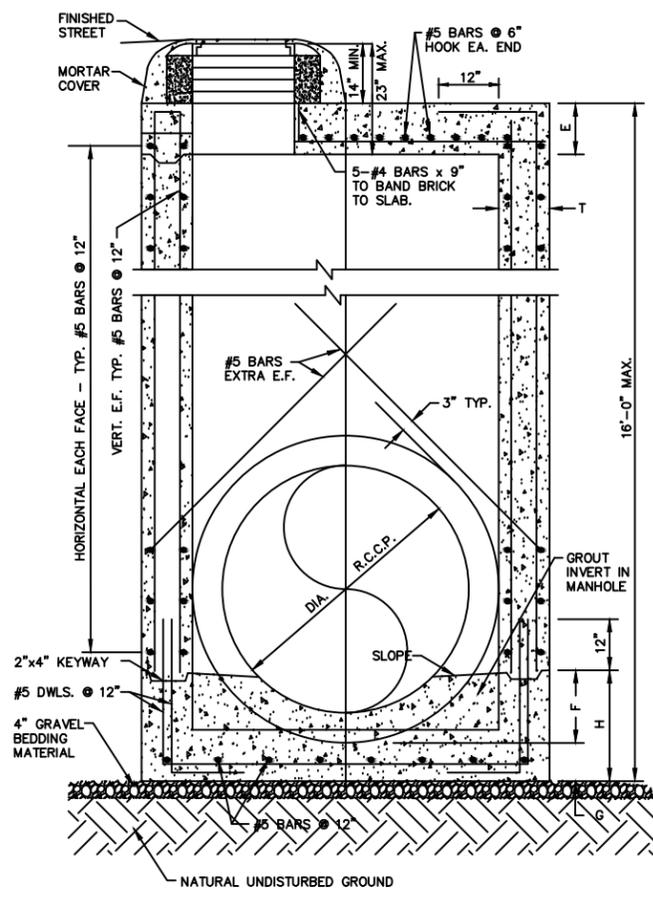
PED-12A

FILE: ped12a.dgn	DN: TxDOT	CK: RM	DW: TxDOT	CK: VP
©TxDOT March 2002	CONT	SECT	JOB	HIGHWAY
REVISIONS				
VP June 13, 2012	DIST	COUNTY	SHEET NO.	

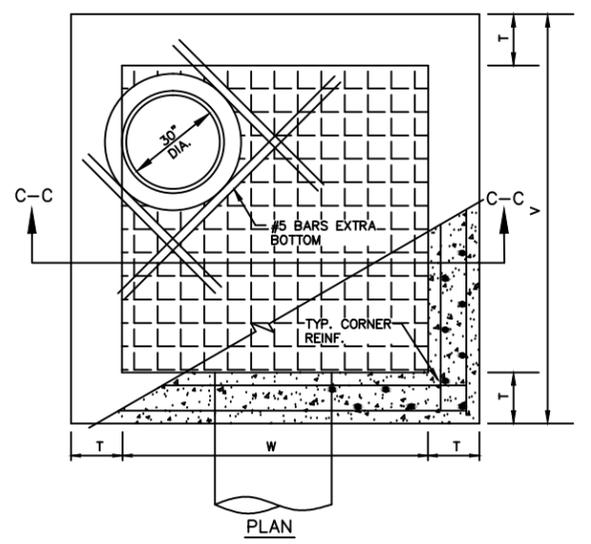


**TYPE A STORM SEWER MANHOLE**  
(FOR PIPE 18" TO 30" IN DIAMETER)

- NOTES:**
1. STORM SEWER MANHOLES FOR 18" & 24" DIAMETER STORM SEWERS MAY BE CIRCULAR WITH A MINIMUM DIAMETER OF 4' OR 3' SQUARE AS SHOWN.
  2. ALL CONCRETE SHALL BE 6-SACK, 4000 PSI MIN.

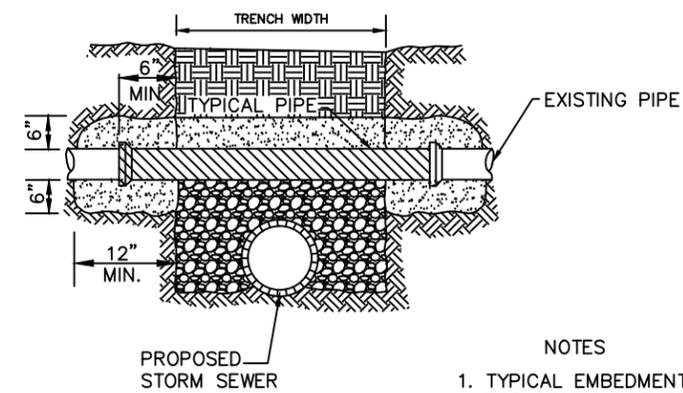


**TYPE B STORM SEWER MANHOLE**  
(FOR PIPE 33" TO 78" IN DIAMETER)



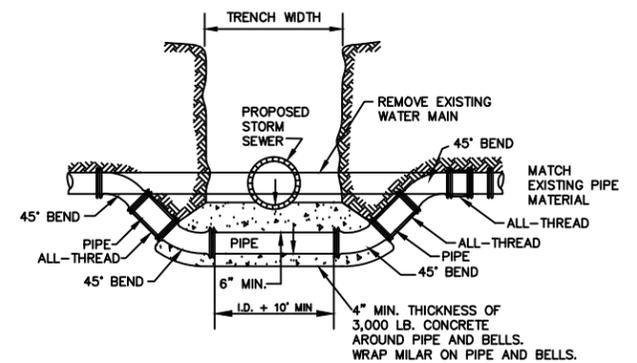
M.H. SIZE (W)	V	T	E	F	G	H
4'	5'-4"	8"	6"	9"	6"	1'-3"
5'	6'-4"	8"	6"	12"	8"	1'-8"
6'	7'-6"	9"	9"	16"	10"	2'-2"

- NOTE**
1. USE NCTCOG LATEST VERSION STANDARD DRAWING # 6010A FOR FURTHER DETAIL TO DRAWING



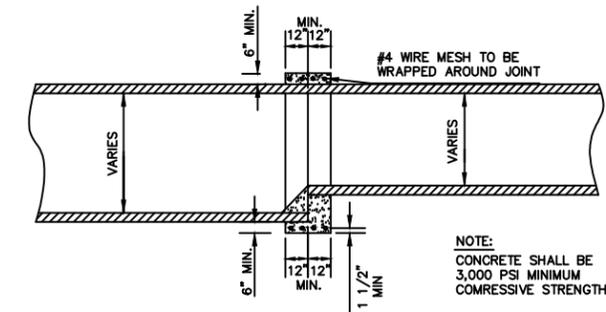
**DETAIL OF UTILITY SUPPORT**

- NOTES**
1. TYPICAL EMBEDMENT FOR STORM PIPE TO BOTTOM TYPICAL PIPE, THEN TYPICAL EMBEDMENT FOR CROSSING PIPE.



**DETAIL FOR WATER MAIN LOWERING**

- NOTES:**
1. MEGA-LUG RETAINER GLANDS SHALL BE INSTALLED ON ALL FITTINGS.
  2. CONCRETE TRUST BLOCKS SHALL BE CONSTRUCTED ON ALL BENDS.
  3. STAINLESS STEEL ALL-THREADS SHALL BE INSTALLED AT VERTICAL 45 BENDS AND VERTICAL PIPE CONNECTIONS.
  4. MINIMUM 5 FEET C-900 OR USE ANCHOR NIPPLE WITH NO ALL-THREAD.
  5. CLEARANCE SHALL COMPLY WITH TCEQ.



**DETAIL OF CONCRETE COLLAR FOR PIPE CONNECTIONS**

- NOTE:**
1. CONCRETE COLLAR SHALL BE USED TO CONNECT TO EXISTING PIPES ONLY. ALL OTHER CONNECTIONS SHALL BE PRE-FAB.
  2. ALL PIPE GAPS SHALL BE WRAPPED WITH STEEL MESH THEN GROUT ALL PIPE CONNECTION POINTS EVENLY.

**NOTE:** CONCRETE SHALL BE 3,000 PSI MINIMUM COMPRESSIVE STRENGTH.

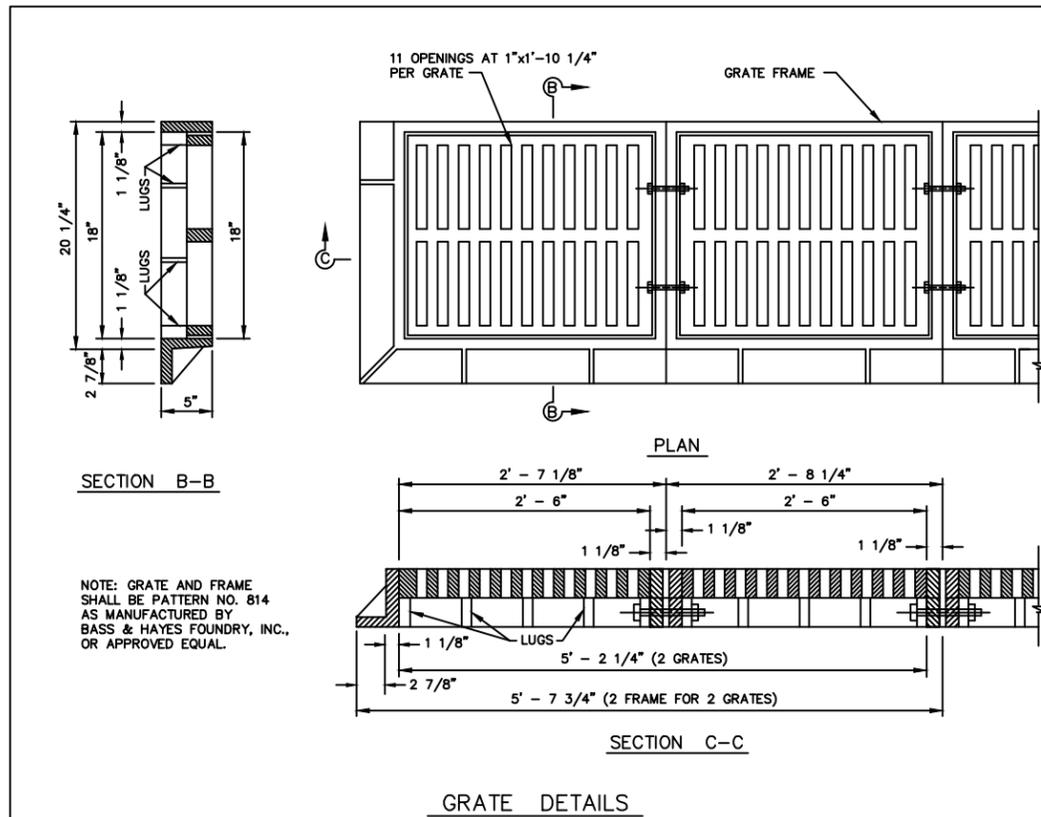
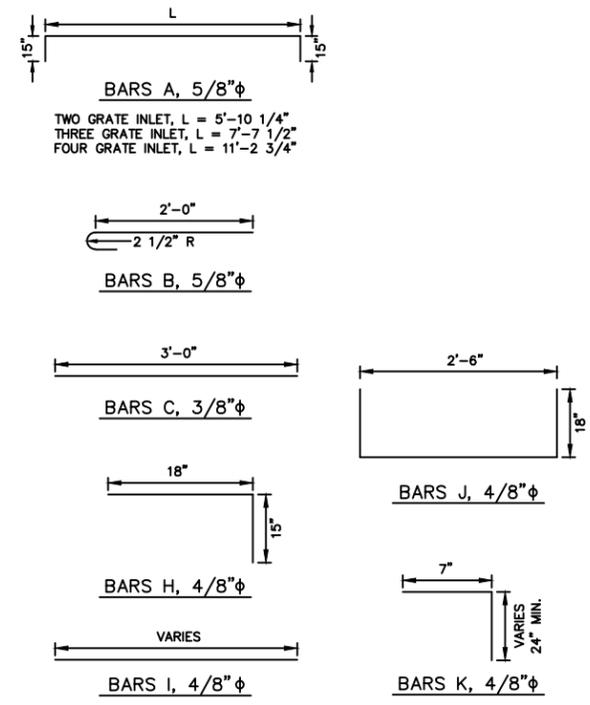
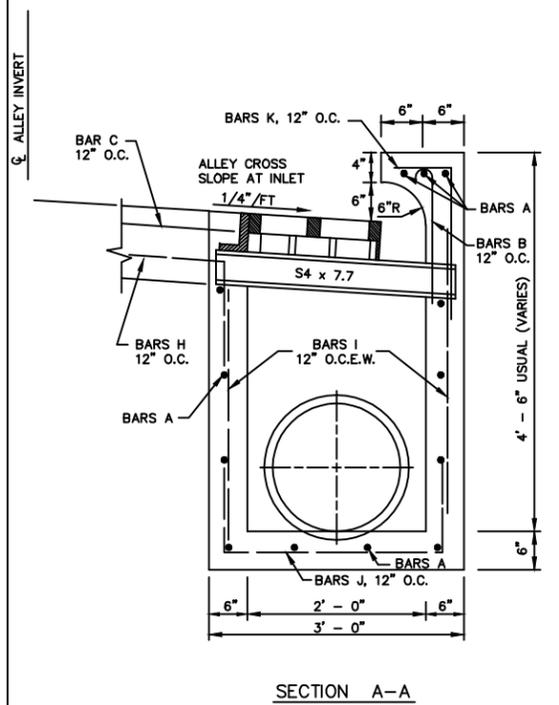
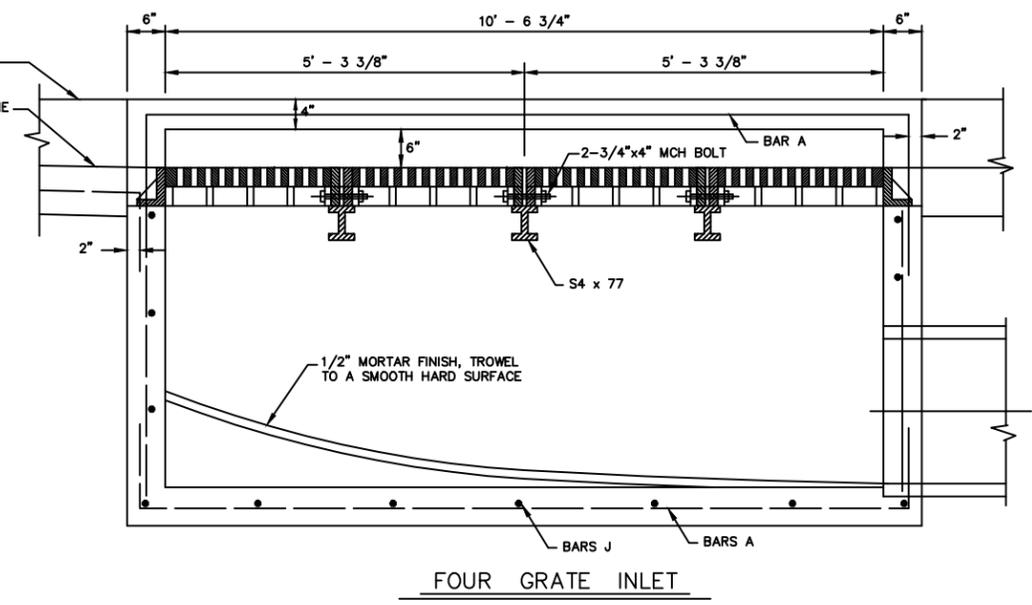
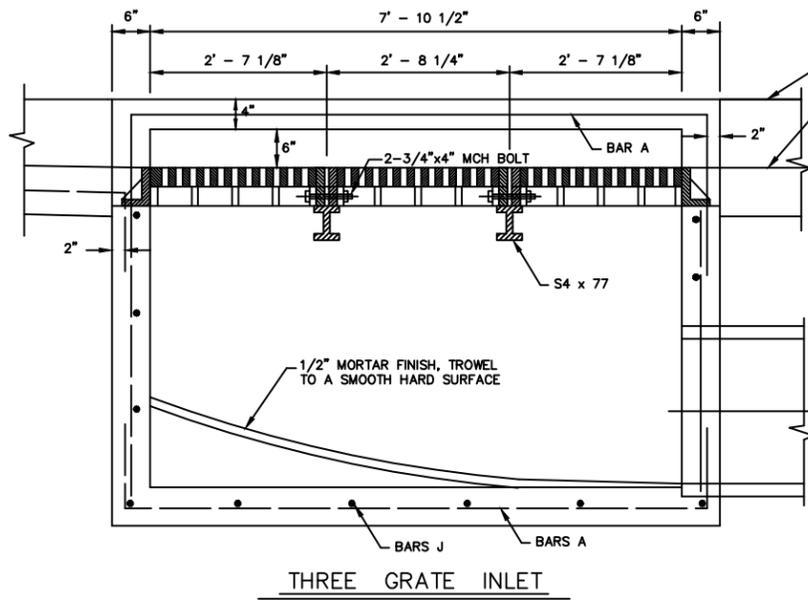
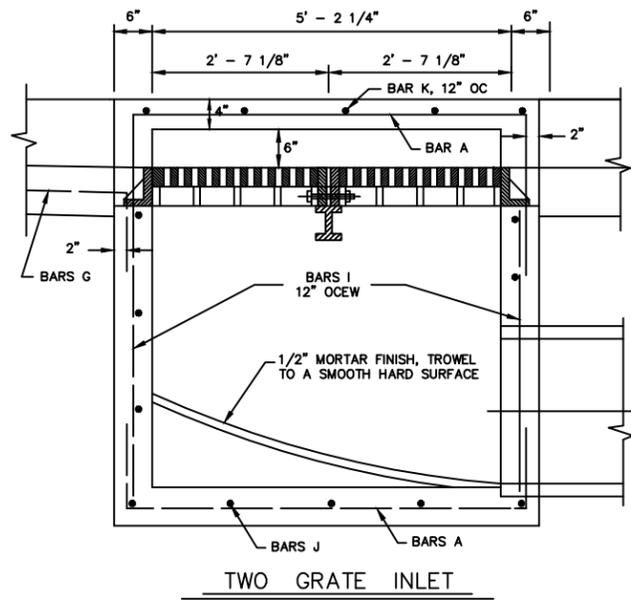
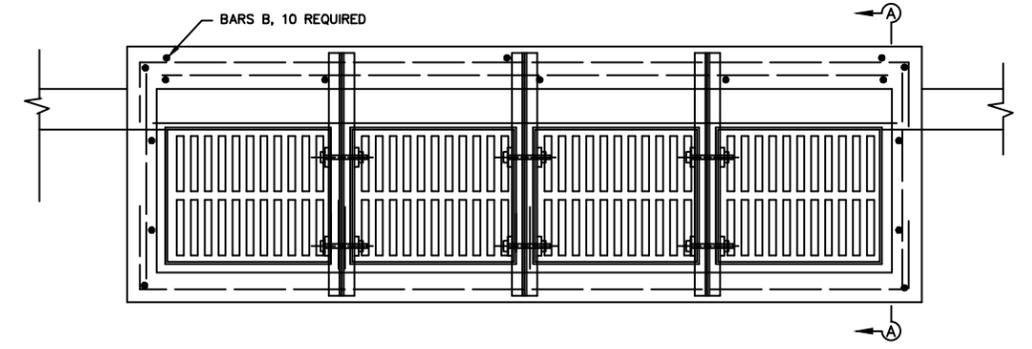
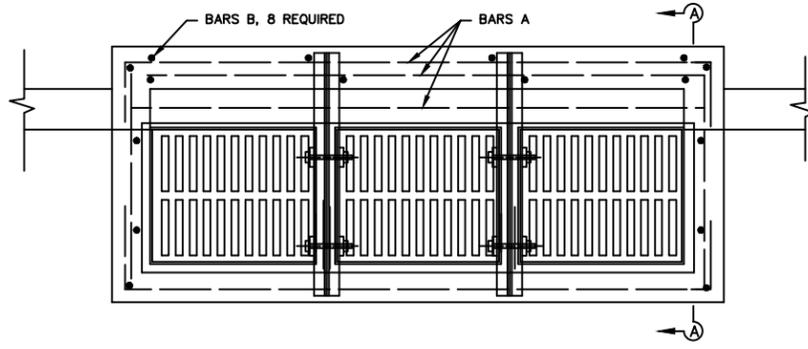
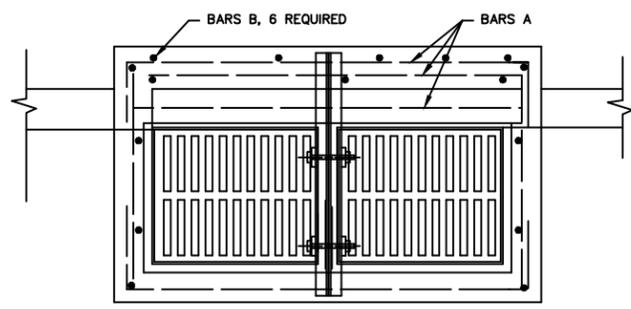
- NOTES:**
1. CONCRETE COLLAR SHALL BE USED TO CONNECT TO EXISTING PIPES ONLY. ALL OTHER CONNECTIONS SHALL BE PRE-FAB.
  2. CONCRETE COLLAR SHALL BE 3000 PSI COMPRESSIVE STRENGTH OR GREATER.
  3. ALL STORMWATER STRUCTURES SHALL BE MINIMUM 6 SACK-4000 PSI COMPRESSIVE STRENGTH.
  4. STORMWATER STRUCTURES NOT SHOWN SHALL BE CONSTRUCTED PER LATEST VERSION NCTCOG PUBLIC WORKS CONSTRUCTION STANDARDS OR LATEST TXDOT AS APPROVED BY CITY ENGINEER.
  5. TESTING WILL BE REQUIRED ON ALL CAST-IN-PLACE STRUCTURES

REV.	COMMENTS	BY	DATE

**Rowlett CITY OF ROWLETT, TEXAS**  
DEPARTMENT OF PUBLIC WORKS  
STANDARD CONSTRUCTION DETAILS  
STORM DRAINAGE  
TYPICAL STORM MANHOLES  
UTILITY SUPPORT  
WATER MAIN LOWERING  
CONCRETE COLLAR

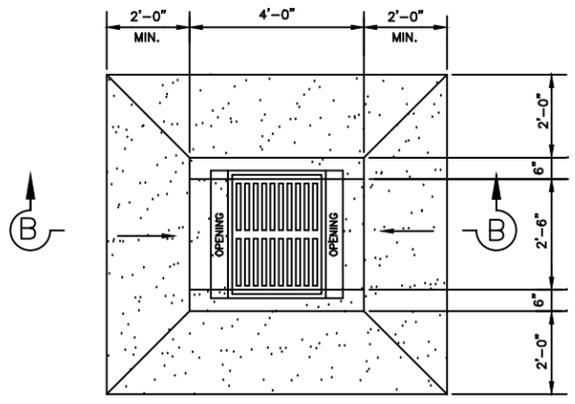
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DRAWN:	NOTED		
CHECKED:	DATE:		SD-8



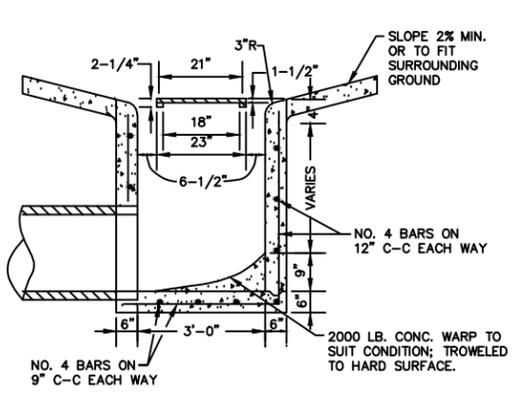


- GENERAL NOTES**
1. ALL LAPS AND EXTENSIONS OF REINFORCING BARS SHALL BE 36 BAR DIAMETERS UNLESS NOTED OTHERWISE.
  2. TACK WELD GRATES IN PLACE.
  3. PIPE MAY BE PLACED IN ANY WALL, BUT SHALL NOT ENTER ANY CORNER, OR AT PILASTER.
  4. THIS STANDARD SHEET IS FOR INFORMATIONAL PURPOSES ONLY. COMBINATION CURB & GRATE INLETS ARE ALLOWED, BUT ONLY THE CURB OPENINGS ARE CONSIDERED IN INLET SIZING.
  5. COMBINATION INLET IS ONLY ALLOWED IN ALLEYS, SEE SHEET SD-11 FOR DETAILS.
  6. ALL CONCRETE SHALL BE MINIMUM 6-SACK & 4000 PSI.

REV.	COMMENTS	BY	DATE
<b>STANDARD CONSTRUCTION DETAILS</b> <b>STORM DRAINAGE</b>			
<b>COMBINATION GRATE INLETS</b>			
DESIGN:	SCALE:	PROJECT NO.	SHEET
DRAWN:	NOTED		
CHECKED:	DATE:		SD-10



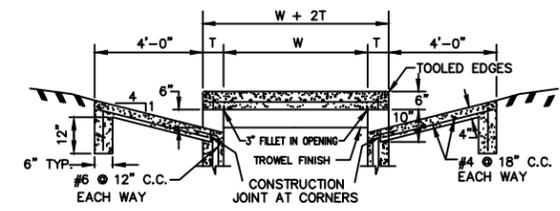
PLAN



SECTION B-B

- NOTES:
1. BASS & HAYS GRATE & FRAME PATTERN NO. VFG 18 x 30; WEIGHT: 125 LBS. (OR EQUIVALENT)
  2. TO BE USED IN ROWS ADJACENT TO ROADWAY

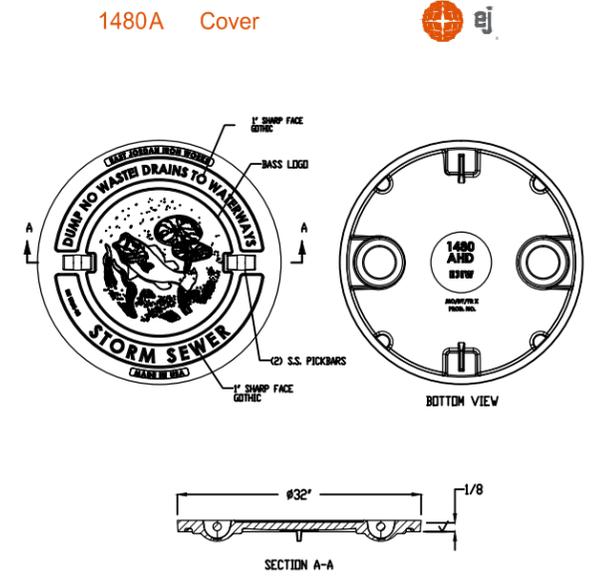
STANDARD GRATE INLET



SECTION C-C

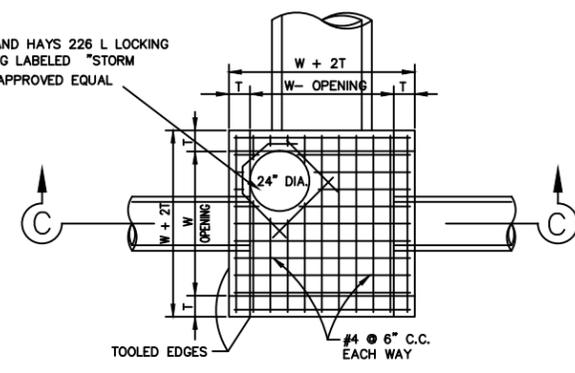
INLET SIZE	T	W
2' SQUARE	7"	2'-0"
4' SQUARE	7"	4'-0"
5' SQUARE	8"	5'-0"
6' SQUARE	9"	6'-0"
7' SQUARE	9"	7'-0"
8' SQUARE	9"	8'-0"

FOR LOWER PORTION OF 2' SQUARE DROP INLET USE REINF. STEEL DETAILS OF 4' SQUARE MANHOLE AND ELIMINATE INLET RING AND COVER.



SECTION A-A

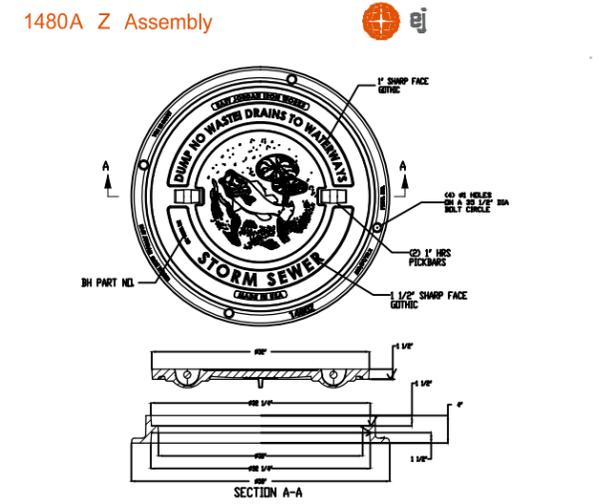
USE BASS AND HAYS 226 L LOCKING LID AND RING LABELED "STORM DRAIN" OR APPROVED EQUAL



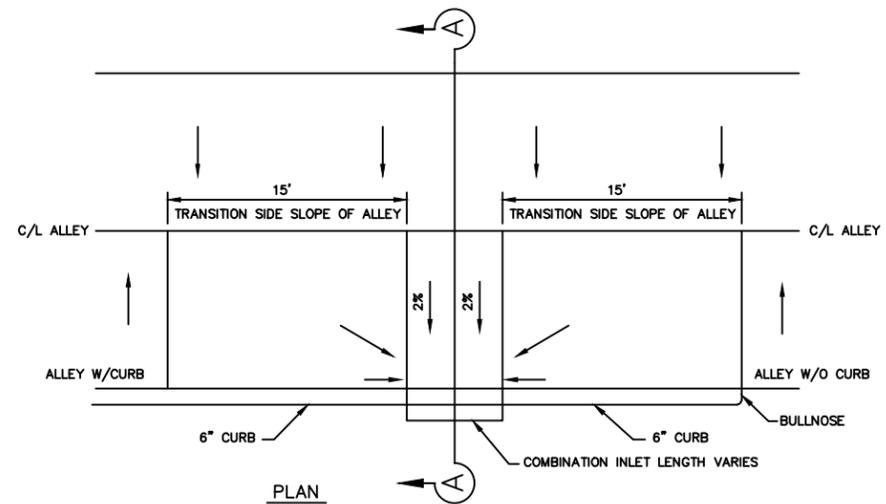
STANDARD TYPE 'Y' INLET

GENERAL NOTES:

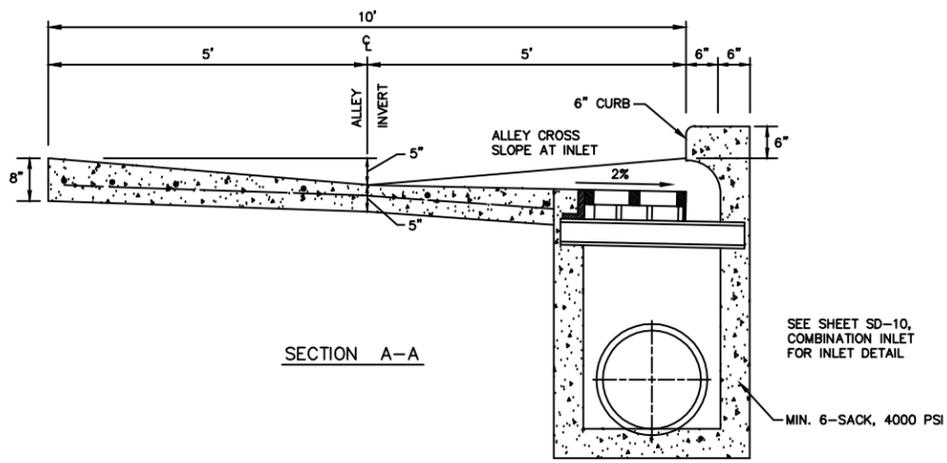
1. MATERIAL AND WORKMANSHIP SHALL CONFORM WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR CONCRETE MANHOLES.
2. LAYERS OF REINFORCED STEEL NEAREST THE INTERIOR AND EXTERIOR SURFACES SHALL HAVE A COVER OF 2" TO THE CENTER OF BARS, UNLESS OTHERWISE NOTED.
3. EXCAVATION FOR MANHOLE TO BE INCLUDED IN THE UNIT PRICE BID FOR MANHOLE.
4. FOR DETAILS OF REINFORCING OF LOWER PORTIONS OF INLET SEE APPROPRIATE SQUARE MANHOLE DETAILS.
5. DEPTH OF DROP INLET FROM FINISHED GRADE TO FLOW LINE OF INLET IS VARIABLE. APPROXIMATE DEPTH WILL BE SHOWN ON PLANS AT LOCATION OF INLET.
6. ALL STANDARD DROP INLETS SHALL HAVE ONE OPENING ON EACH SIDE UNLESS SHOWN ON PLANS.



SECTION A-A

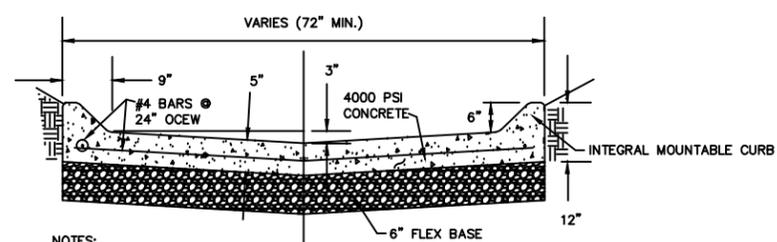


PLAN



SECTION A-A

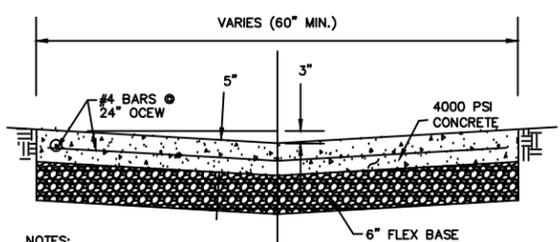
ALLEY COMBINATION INLET



NOTES:

1. IF FLUME IS 7' OR WIDER, USE PIPE BOLLARDS 7' X 6" DIA., AND FILL WITH CONCRETE. PLACE AT BOTH START AND END OF FLUME. BURY TO 4' DEPTH.
2. CONTRACTOR WILL SOD SIDE SLOPES AS SPECIFIED.
3. 6" MINIMUM FLEXURAL STRENGTH BASE COMPACTED TO 98% STANDARD PROCTOR UNDER CONCRETE FOR CURBED OR NON-CURBED FLUME..

CURBED FLUME



NOTES:

1. IF FLUME IS 7' OR WIDER, USE PIPE BOLLARDS 7' X 6" DIA., AND FILL WITH CONCRETE. PLACE AT BOTH START AND END OF FLUME. BURY TO 4' DEPTH.
2. CONTRACTOR WILL SOD SIDE SLOPES AS SPECIFIED.
3. 6" MINIMUM FLEXURAL STRENGTH BASE COMPACTED TO 98% STANDARD PROCTOR UNDER CONCRETE FOR CURBED OR NON-CURBED FLUME..

NON-CURBED FLUME

NOTE: TESTING WILL BE REQUIRED ON ALL CAST-IN-PLACE STRUCTURE

REV.	COMMENTS	BY	DATE

**Rowlett** CITY OF ROWLETT, TEXAS  
DEPARTMENT OF PUBLIC WORKS  
TEXAS

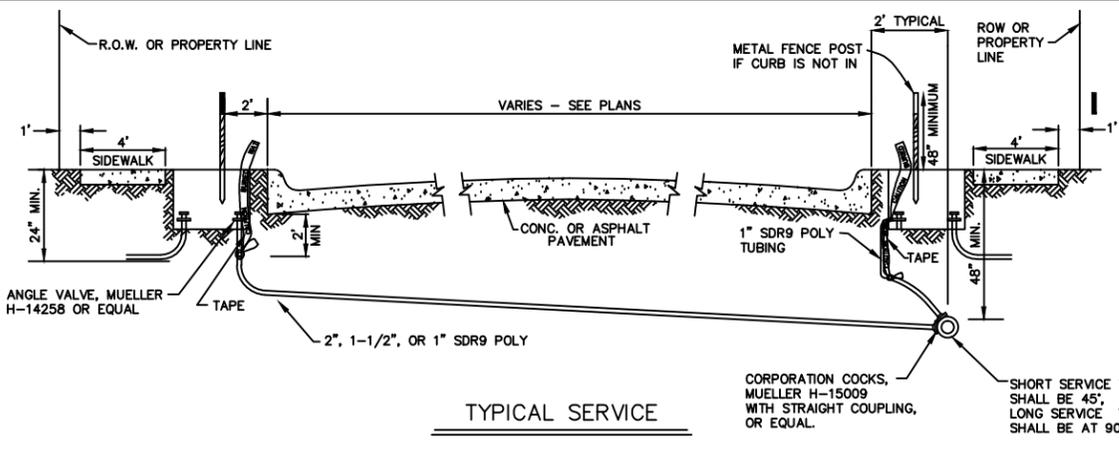
STANDARD CONSTRUCTION DETAILS  
STORM DRAINAGE

GRATE INLET  
STANDARD "Y" INLET  
ALLEY COMBINATION INLET  
CURBED AND NON-CURBED FLUME

DESIGN: SCALE: NOTED PROJECT NO. SHEET  
DRAWN: DATE: PROJECT NO. SHEET  
CHECKED: DATE: PROJECT NO. SHEET

SD-11



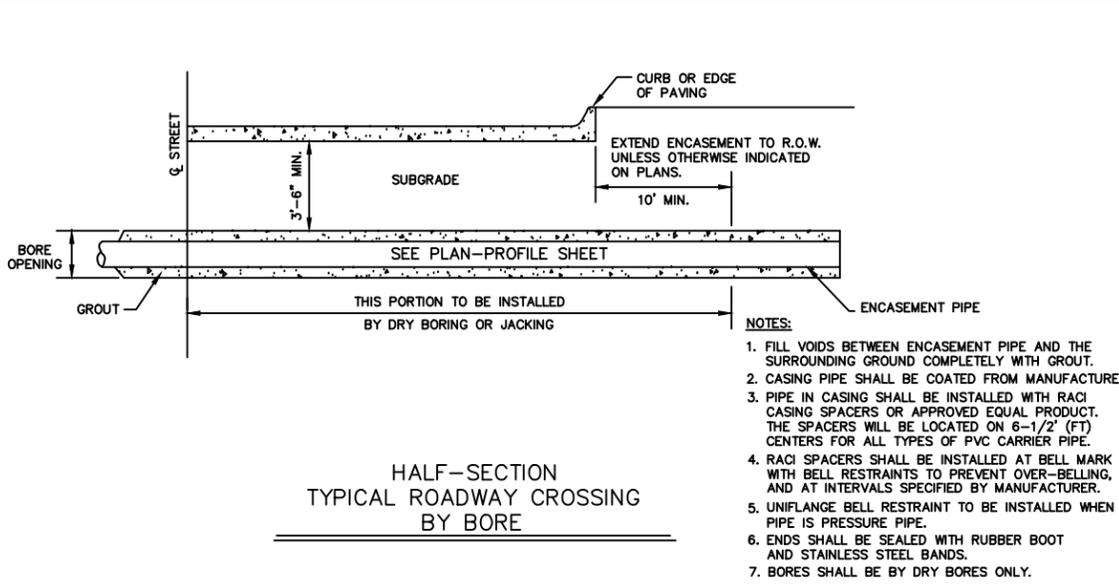


- NOTES:**
- SDR9 POLYETHYLENE TUBING CL200 CTS ONLY WITH STAINLESS STEEL TUBE INSERTS.
  - ALL BRASS FITTINGS TO BE MUELLER OR APPROVED EQUAL.
  - DOUBLE STRAP BRASS OR BRONZE TAPPING SLEEVES ONLY.
  - IT IS THE RESPONSIBILITY OF THE DEVELOPER TO FURNISH & INSTALL THE METER BOX AND THE CURB STOP.
  - ON NON-CURB & GUTTERED STREETS, SERVICE LINE TO BE TWO (2') FT BELOW DITCH FLOW LINE.
  - WATER METERS SHALL BE LOCATED AT THE BACK OF CURB.
  - ABANDONED SERVICES AND SAMPLE PORTS TO BE PLUGGED AT CORPORATION WITH APPROVED COR FITTING.
  - SAMPLE PORTS AND CHLORINE LOADING PORTS USED FOR TESTING SHALL BE PLUGGED AT CORPORATION WITH APPROVED COR FITTING WITHIN 72 HOURS OF PLACING WATER LINE ONLINE AND BEFORE ANY FREEZING WEATHER EVENT
  - METER BOXES IN TRAFFIC WAYS MUST BE APPROVED BY THE CITY.

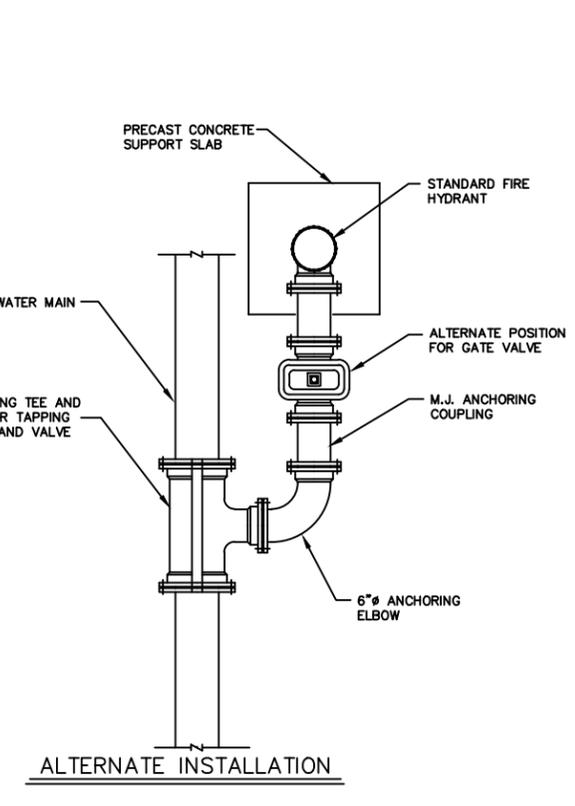
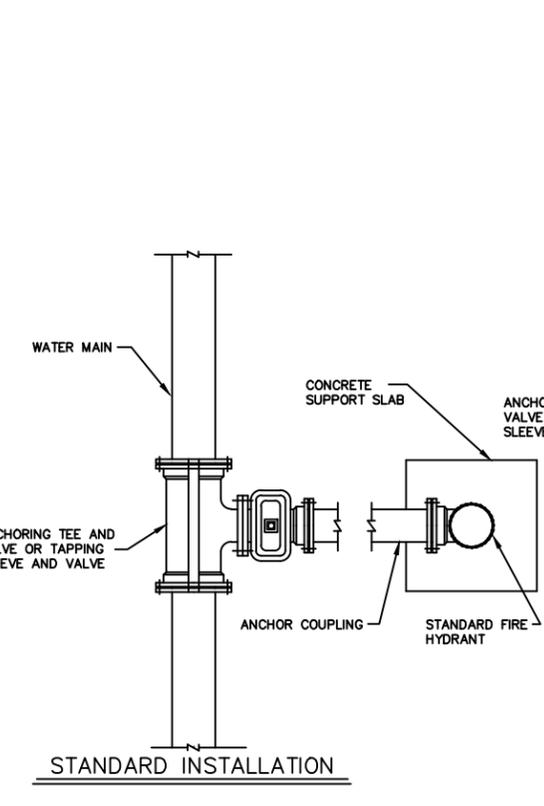
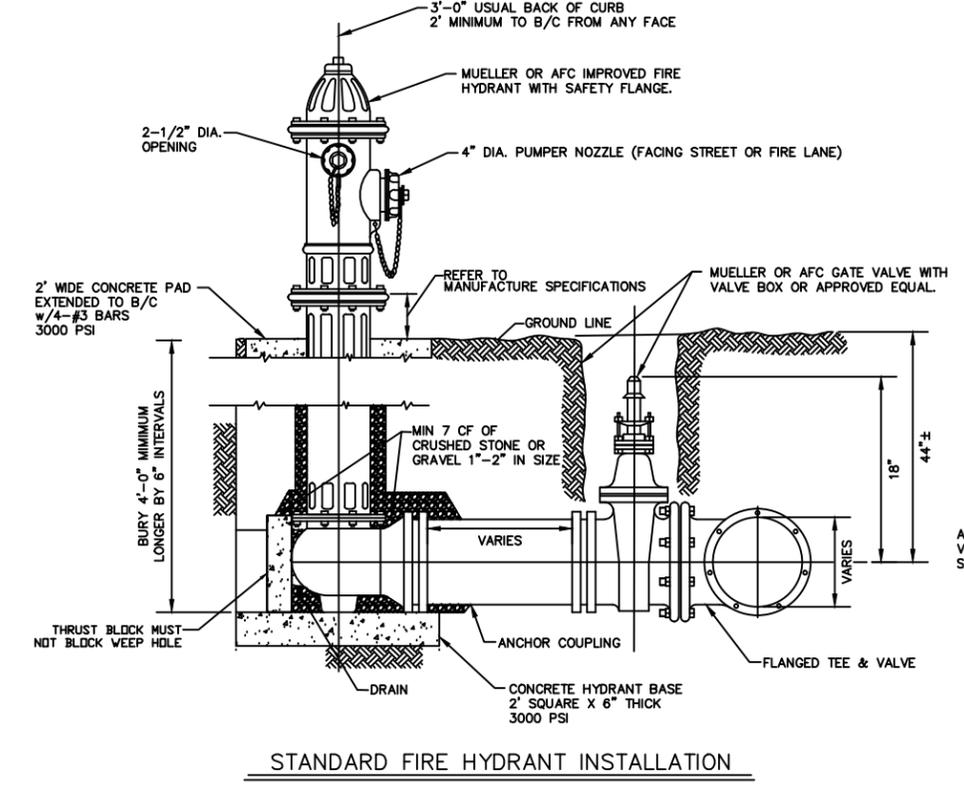
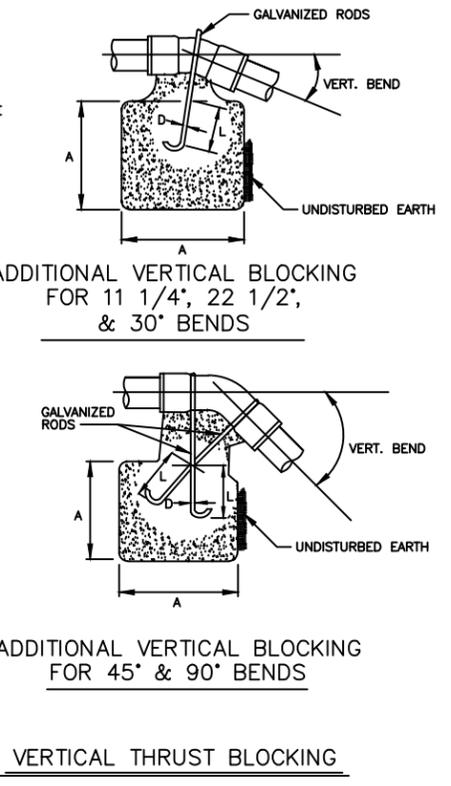
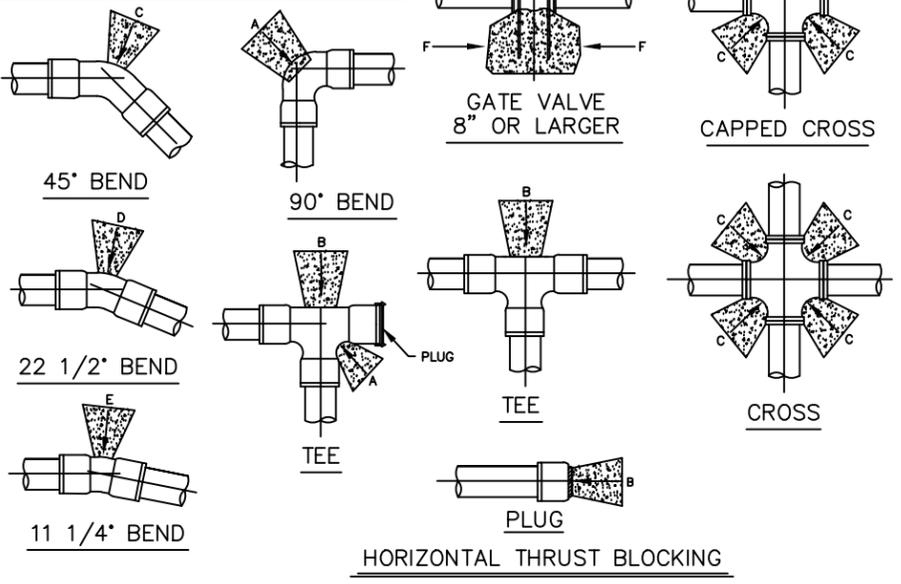
PIPE SIZE (IN.)	MINIMUM BEARING AREA AGAINST UNDISTURBED SOIL (SQ. FT.)					
	A	B	C	D	E	F
4	2	2	1	1	1	2
6	4	3	3	1	1	3
8	8	5	4	2	1	5
10	12	8	6	3	2	8
12	16	12	9	5	2	12
14	22	15	12	6	3	15
16	29	20	16	8	4	20
18	36	25	20	10	5	25
20	44	32	24	12	6	32
24	64	45	35	18	9	45
30	100	71	54	28	14	71

- NOTES:**
- THRUST IS BASED ON A WORKING PRESSURE OF 150 PSI.
  - BEARING AREA IS BASED ON A SAFE SOIL BEARING LOAD OF 1500 PSI.
  - BLOCKING SHALL BEAR AGAINST FITTINGS ONLY AND SHALL BE CLEAR OF THE JOINT.
  - FORM MATERIAL REQUIRED FOR POURING AND BLOCKING AT FITTINGS AND BENDS OR FOR BLOCKING AT FIRE HYDRANT.
  - STAINLESS STEEL ALL-THREADS TO BE USED FOR VERTICAL BENDS, AND ALL FIRE LINE RISERS
  - BELL RESTRAINTS OR MEGA-LUGS MAY BE NEEDED FOR FIRE RISERS TO CONNECT STAINLESS STEEL ALL-THREADS.

PIPE SIZE (IN.)	VERT. BEND	CUBIC FEET	A (FT.)	D (IN.)	L (FT.)
4	11 1/4"	3	1.0	3/4	0.5
	22 1/2"	6	2.0		1.5
	45"	10	2.2		2.0
6	11 1/4"	6	1.5	3/4	1.0
	22 1/2"	12	2.3		2.0
	45"	23	3.0		2.5
8	11 1/4"	11	2.5	3/4	2.0
	22 1/2"	21	2.8		2.5
	45"	41	3.5		3.0
10	11 1/4"	17	2.7	3/4	2.0
	22 1/2"	33	3.3		3.5
	45"	64	4.0		4.0
12	11 1/4"	24	3.0	3/4	2.5
	22 1/2"	47	3.7		3.0
	45"	93	4.6		4.0
14	11 1/4"	32	3.3	1	2.5
	22 1/2"	64	4.0		4.5
	45"	126	5.1		5.0
16	11 1/4"	43	3.5	1	3.0
	22 1/2"	84	4.4		4.5
	45"	166	5.5		5.0
18	11 1/4"	54	3.8	1	3.0
	22 1/2"	107	4.8		4.5
	45"	209	5.9		5.0
20	11 1/4"	66	4.0	1	3.5
	22 1/2"	132	5.1		5.0
	45"	258	6.4		6.0
24	11 1/4"	95	4.6	1 1/4	4.0
	22 1/2"	190	5.8		5.0
	45"	371	7.2		6.0
30	11 1/4"	149	5.3	1 1/2	4.5
	22 1/2"	296	6.7		5.0
	45"	580	8.3		6.0
	90"	1071	10.2		7.0



- NOTES:**
- FILL VOIDS BETWEEN ENCASMENT PIPE AND THE SURROUNDING GROUND COMPLETELY WITH GROUT.
  - CASING PIPE SHALL BE COATED FROM MANUFACTURER.
  - PIPE IN CASING SHALL BE INSTALLED WITH RACI CASING SPACERS OR APPROVED EQUAL PRODUCT. THE SPACERS WILL BE LOCATED ON 6-1/2' (FT) CENTERS FOR ALL TYPES OF PVC CARRIER PIPE.
  - RACI SPACERS SHALL BE INSTALLED AT BELL MARK WITH BELL RESTRAINTS TO PREVENT OVER-BELLING, AND AT INTERVALS SPECIFIED BY MANUFACTURER.
  - UNIFLANGE BELL RESTRAINT TO BE INSTALLED WHEN PIPE IS PRESSURE PIPE.
  - ENDS SHALL BE SEALED WITH RUBBER BOOT AND STAINLESS STEEL BANDS.
  - BORES SHALL BE BY DRY BORES ONLY.



- NOTES:**
- IN GENERAL, ALL FIRE HYDRANTS SHALL CONFORM TO AWWA STANDARD SPECIFICATIONS FOR FIRE HYDRANTS FOR ORDINARY WATER WORKS SERVICE FOR WATER AND SANITARY SEWER IMPROVEMENTS. FIRE HYDRANTS SHALL HAVE A 5-1/4" MINIMUM VALVE OPENING AND WITH A BARREL APPROXIMATELY 7" INSIDE DIAMETER. ALL HYDRANTS SHALL BE EQUIPPED WITH A BREAKAWAY FLANGE. ALL HYDRANTS SHALL BE MUELLER OR AFC.
  - FIRE HYDRANTS ARE NOT TO BE PLACED IN SIDEWALK.
  - FIRE HYDRANTS SHALL BE 4' MINIMUM BURY.
  - FIRE HYDRANT SHALL BE WRAPPED WITH 8 MIL POLYETHYLENE FROM AND INCLUDING HYDRANT SHOE TO TOP OF CONCRETE PAD. TRIM POLY WRAP AT TOP OF CONCRETE PAD. THE HYDRANT DRAIN SHALL NOT BE WRAPPED TO INSURE PROPER DRAINAGE OF THE BARREL CHAMBERS.
  - DO NOT COVER WEEP HOLES WITH THRUST BLOCKING.
  - BONNET TO FLANGE COLOR CODED FOR MAIN SIZE ACCORDING TO ROWLETT STANDARDS. REMAINDER OF HYDRANT ABOVE GROUND SHALL BE PAINTED ALUMINUM. HYDRANTS SHALL BE THOROUGHLY CLEANED FREE OF DIRT AND OIL PRIOR TO PAINTING.
  - ALL DUCTILE IRON PARTS AND PIPE ARE TO BE POLYWRAPPED.
  - WATER SERVICES SHALL NOT BE CONNECTED TO FIRE HYDRANT LINES.
  - HYDRANT SHALL BE ANCHORED USING ANCHOR COUPLINGS.
  - ALL WATER MAIN VALVES CONNECTED TO TEES SHALL BE FLANGED FITTINGS.
  - NO MORE THAN 1 RISER EXTENSION SHALL BE USED AND SHALL BE MADE BY FIRE HYDRANT MANUFACTURER.

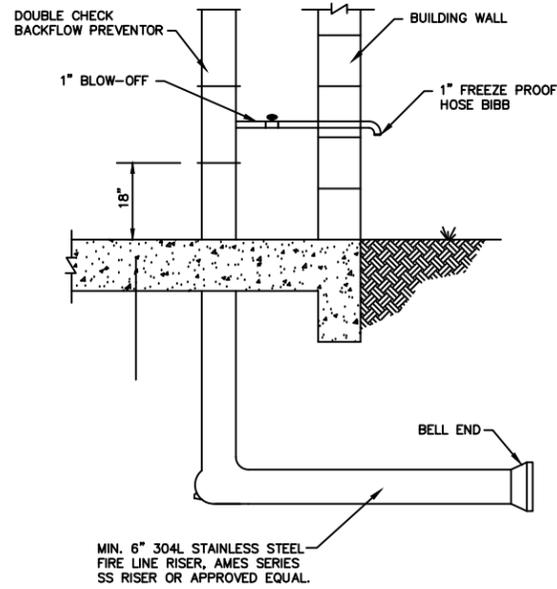
REV.	COMMENTS	BY	DATE

**Rowlett CITY OF ROWLETT, TEXAS**  
DEPARTMENT OF PUBLIC WORKS

STANDARD CONSTRUCTION DETAILS  
WATER

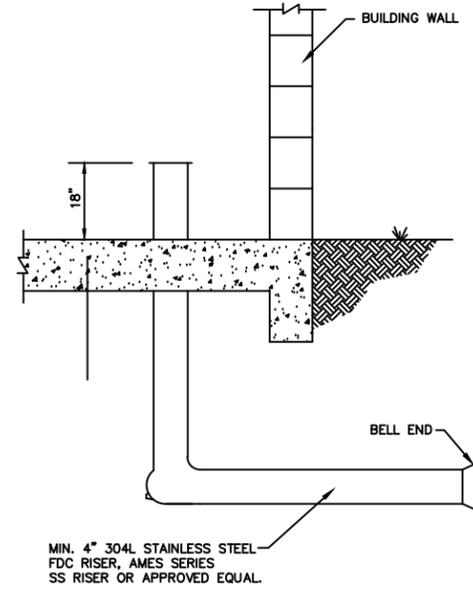
FIRE HYDRANT  
SERVICE CONNECTIONS  
THRUST BLOCKING

DESIGN: \_\_\_\_\_ SCALE: NOTED PROJECT NO. \_\_\_\_\_ SHEET  
DRAWN: \_\_\_\_\_ DATE: \_\_\_\_\_ SD-13  
CHECKED: \_\_\_\_\_



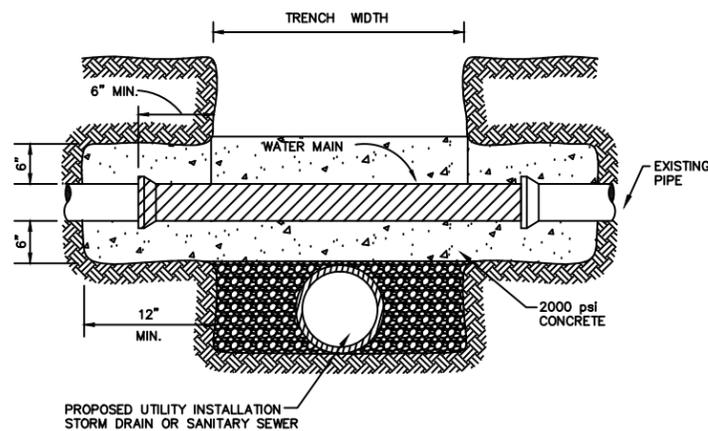
FIRE LINE RISER DETAIL

NOT TO SCALE



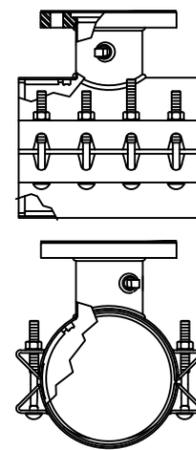
FIRE DEPARTMENT CONNECT DETAIL

NOT TO SCALE



CONCRETE ENCASEMENT UTILITY SUPPORT

\* WHERE A MINIMUM CLEARANCE OF 10'-0" (HORIZONTAL AND/OR VERTICAL) CANNOT BE OBTAINED, THEN THE POTABLE WATER MAIN SHALL BE CONCRETE ENCASED FOR 10'-0" EACH SIDE OF THE INTERSECTION OF THE INSTALLED UTILITY LINE.



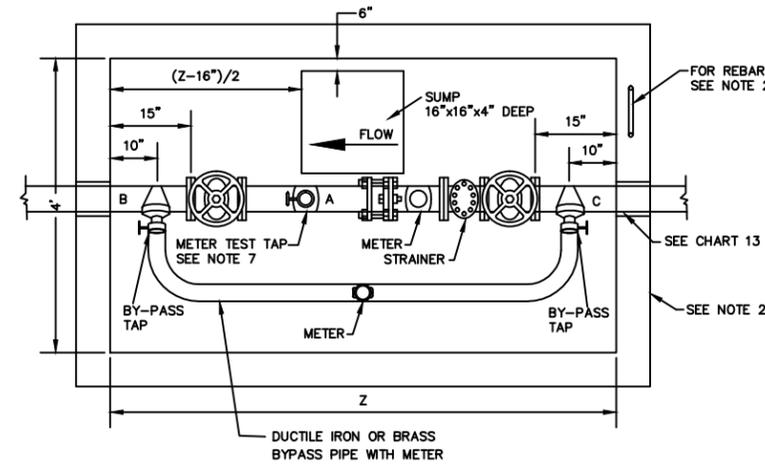
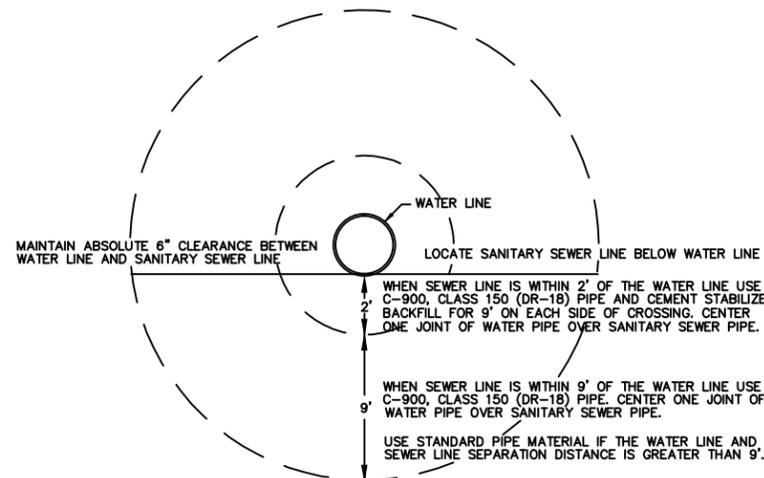
TAPPING SLEEVE AND VALVE

- TAPPING SLEEVE SHALL BE POWERSEAL MODEL 3490 TYPE 304 STAINLESS STEEL WITH CARBON STEEL FLANGE OR APPROVED EQUAL. SLEEVE SHALL BE RATED AT 250 PSI AND MUST HAVE A TEST PLUG.
- TAPPING VALVE SHALL BE AVK RESILIENT SEATED GATE VALVE SERIES 25 MJFL OR MUELLER T-2360 RESILIENT WEDGE TAPPING VALVE WITH MJFL. VALVE SHALL BE RATED AT 250 PSI.
- TAPPING SLEEVE AND VALVE SHALL BE FULL PORT TO ACCEPT FULL SIZE SHELL CUTTER.
- STEEL FLANGE SHALL MEET AWWA C207.

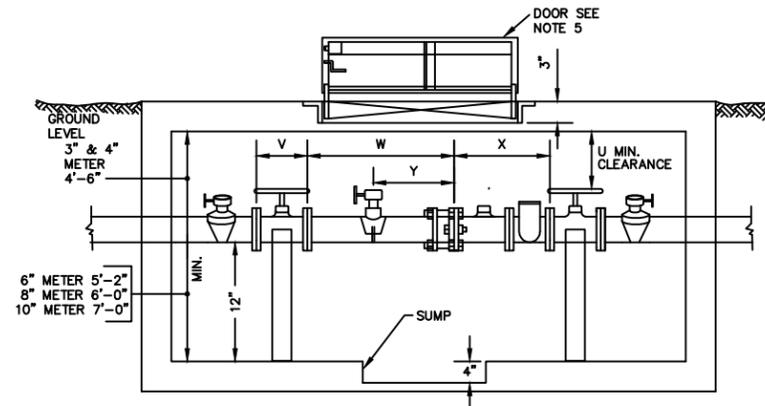
NOTES

- THE SANITARY SEWER LINE SHALL BE LOCATED BELOW THE WATER LINE.
- ONE WATER PIPE SEGMENT SHALL BE CENTERED OVER THE SANITARY SEWER PIPE SUCH THAT THE JOINTS OF THE WATER PIPE ARE EQUIDISTANT AND AT LEAST 9' HORIZONTALLY FROM THE CENTERLINE OF THE SANITARY SEWER PIPE.
- WHERE CEMENT STABILIZED SAND BEDDING IS REQUIRED, THE CEMENT STABILIZED SAND SHALL HAVE A MINIMUM OF 10% CEMENT PER CUBIC YARD OF CEMENT STABILIZED SAND MIXTURE BASED ON LOOSE DRY WEIGHT VOLUME (AT LEAST 2.5 BAGS OF CEMENT PER CUBIC YARD OF MIXTURE). THE CEMENT STABILIZED SAND BEDDING SHALL BE A MINIMUM OF SIX INCHES ABOVE AND FOUR INCHES BELOW THE SANITARY SEWER PIPE.
- MAINTAIN 9' SEPARATION BETWEEN FIRE HYDRANTS AND SANITARY SEWER LINES.
- MAINTAIN 9' SEPARATION BETWEEN SANITARY SEWER MANHOLES AND WATER LINES.
- REFER TO CURRENT TCEQ "DESIGN CRITERIA FOR SEWAGE SYSTEMS: SEPARATION DISTANCES".

WATER/SANITARY SEWER SEPARATION



METER VAULT AND BYPASS - PLAN



METER VAULT AND BYPASS - ELEVATION

METER VAULT													
DOMESTIC						IRRIGATION							
METER SIZE	U	V	W	X	Y	Z	METER SIZE	U	V	W	X	Y	Z
3"	25"	8"	11-1/2"	24"	6'-10"	3"	25"	8"	16-1/2"	19"	9"	6'-10"	
4"	22"	9"	13-1/2"	29"	7'-7"	4"	22"	9"	19-1/2"	23"	10"	7'-7"	
6"	26"	10-1/2"	13-1/2"	33"	8'-2"	6"	26"	10-1/2"	19-1/2"	27"	13"	8'-2"	
						8"	31"	11-1/2"	25-1/2"	30"	17"	9'-1"	
						10"	37"	13"	29-1/2"	41"	21"	10'-7"	

METER VAULT AND BY-PASS SPECIFICATIONS

- NOTIFY THE PUBLIC WORKS DEPARTMENT PRIOR TO CONSTRUCTION OF VAULT OR BY-PASS ASSEMBLY.
- THE METER VAULT CAN BE EITHER POURED IN PLACE OR PREFABRICATED. CONCRETE SHALL BE 6" THICK AND BE 3,000 P.S.I. WITH #4 REINFORCEMENT STEEL ON 12" CENTERS EACH WAY. USED IN NON-PAVING AREAS.
- THE VAULT WILL NOT BE PUT IN ANY DRIVE OR PARKING AREAS AND MUST BE LOCATED IN A UTILITY EASEMENT.
- A DRAWING WITH THE EXACT MEASUREMENTS OF THE METER VAULT AND BY-PASS WILL BE SUBMITTED TO THE CITY FOR APPROVAL FOR ALL METERS 3" AND LARGER.
- THE VAULT LID SHALL BE A BILCO LID, TYPE K-5 SINGLE LEAF DESIGN. ANGLE FRAME IS 1/4" STEEL WITH STRAP ANCHORS BOLTED TO THE EXTERIOR. THE LEAF IS 1/4" STEEL DIAMOND PATTERN PLAT, PIVOTING ON TORSION BARS FOR EASY OPERATION. THE MINIMUM LIVE LOAD CAPACITY IS 150 LBS. PER SQUARE FOOT. THE SIZE OF THE LID IS 3'-6" X 3'-6" ALUMINUM. LARGER VAULTS WILL REQUIRE BILCO DOUBLE DOORS AS SPECIFIED BY THE ENGINEER.
- THE LID SHALL BE PAINTED WITH 43-38 TNEC DIFFUSED ALUMINUM PAINT OR APPROVED EQUAL.
- THE CONTRACTOR SHALL MAKE THE BY-PASS AND METER TEST TAP INSIDE THE VAULT. IF THE SERVICE IS USED AS A STRICTLY DOMESTIC OR A DOMESTIC/IRRIGATION COMBINATION, TAP "A" ON THE DRAWINGS IS NOT NECESSARY. IF THE SERVICE IS USED STRICTLY FOR IRRIGATION, TAP "A" IS REQUIRED. TAP "A" MUST BE AT LEAST TWO PIPE DIAMETERS DOWNSTREAM OF THE METER. TAPS "B" AND "C" MUST BE MADE AT AN APPROXIMATE 45° ANGLE ON EACH END OF THE PIPE AND CENTERED 10 INCHES AWAY FROM THE WALL.
- THE STRAINER AND METER WILL BE PROVIDED BY THE CITY OF ROWLETT AT THE CONTRACTOR'S EXPENSE. THE STRAINER, METER, AND FLEXIBLE COUPLING (PROVIDED BY THE CONTRACTOR) WILL NOT BE INSTALLED UNTIL THE METER VAULT AND APPURTENANCES ARE ACCEPTED BY THE CITY OF ROWLETT.
- THE GATE VALVES SHALL BE MUELLER NO. A-2380-6 FOR 3" AND MUELLER A-2078-6 FOR 4" AND UP, FLANGED BOTH ENDS.
- THE BOTTOM OF THE METER VAULT MUST BE 6" THICK CONCRETE WITH #4 REBAR ON 12" CENTERS AND HAVE A 4" FILL SAND CUSHION UNDERNEATH. A SUMP 4" DEEP AND 12" IN DIAMETER SHALL BE INSTALLED TO ONE SIDE OF THE CENTER OF THE BOTTOM SLAB. IF PRECAST VAULT IS USED, WHERE SIDES JOIN THE BOTTOM, A LAYER OF RAM-NEK SHALL BE USED TO SEAL THE JOINT.
- UNDER EACH VALVE WILL BE A CONCRETE SUPPORT.
- DEPTH OF VAULT SHALL BE A MINIMUM OF 4-1/2 FEET FROM FINISHED GROUND TO FLOOR OF VAULT.

PIPE SIZE	BYPASS TAPS	LINK SEALS					
		CAST-IN-PLACE		CORED WALLS			
		2" SERVICE SADDLES	WALL SLEEVE MODEL NUMBER	NUMBER AND MODEL OF LINK SEALS	CORE SIZE	NUMBER AND MODEL OF LINK SEALS	
3"	ROCKWELL NO. 317-045514-000	WS-6-28-S-6	5	NO. LS-325-C	6"	5	NO. LS-325-C
4"	ROCKWELL NO. 317-045314-000	WS-8-32-S-6	5	NO. LS-400-C	8"	5	NO. LS-400-C
6"	ROCKWELL NO. 317-076014-000	WS-10-36-S-6	7	NO. LS-400-C	10"	7	NO. LS-400-C
10"	ROCKWELL NO. 317-12124-000	WS-14-37-S-6	12	NO. LS-325-C	14"	11	NO. LS-425-C

NOTES:

- ALL SERVICES SADDLES SHALL HAVE BRASS NIPPLES AND NO. 7500 BRASS OR APPROVED EQUAL GATE VALVES.
- BREAKING OF THE WALL WITH A JACKHAMMER OR USING PRE-CAST KNOCK OUT PANELS WILL NOT BE PERMITTED.
- APPROVED EQUAL WILL BE ALLOWED FOR ALL ITEMS SPECIFIED.

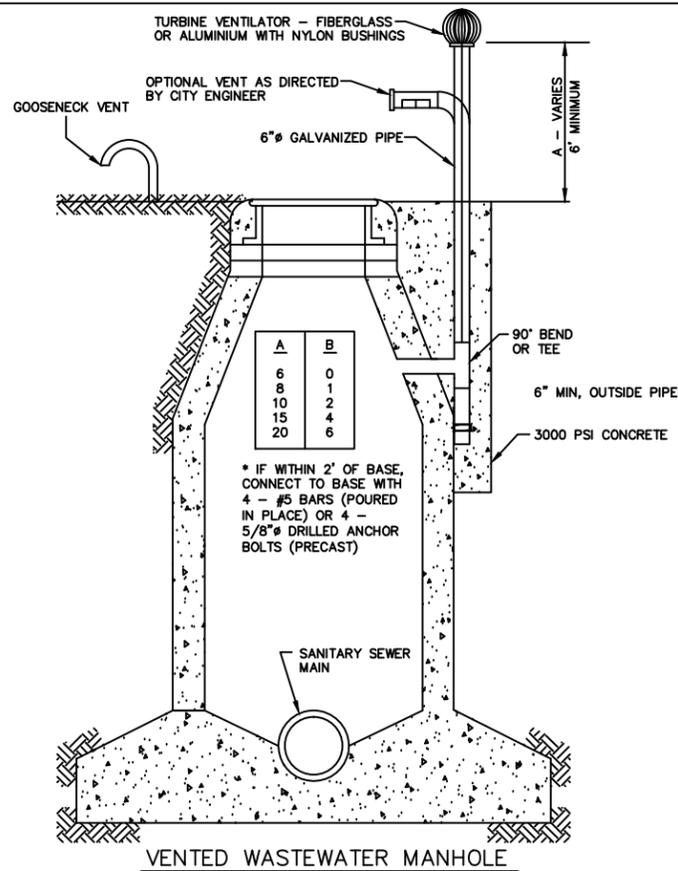
REV.	COMMENTS	BY	DATE
2013	COMPLETE SHEET REVISION	MTTSR	07/19/2013
2013	ADDED TAPPING SLEEVE	SDJR	10/25/2013

Rowlett CITY OF ROWLETT, TEXAS DEPARTMENT OF PUBLIC WORKS

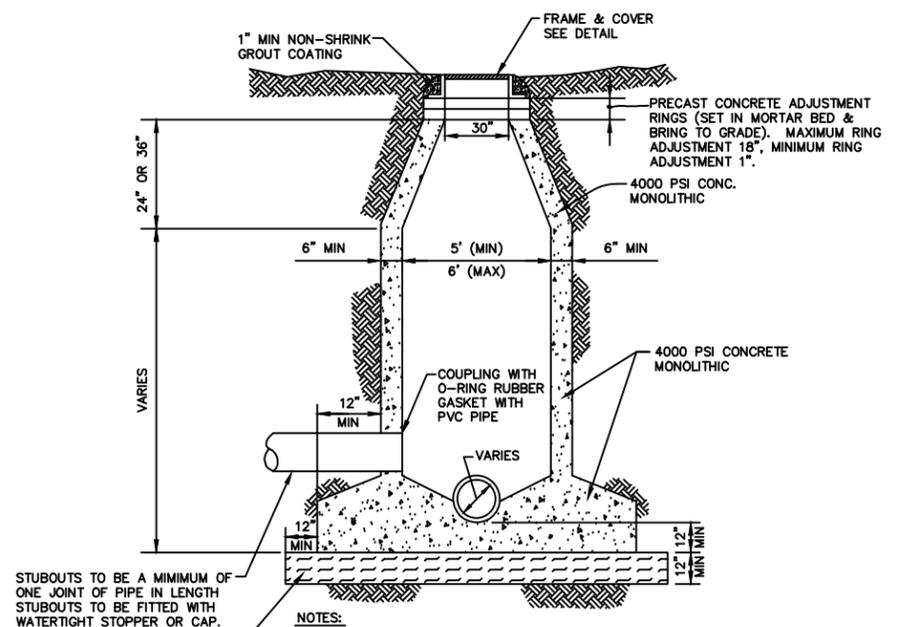
STANDARD CONSTRUCTION DETAILS WATER

WATER GENERAL NOTES  
METER VAULTS, TAPPING SLEEVES AND VALVES, FIRE RISERS AND TCEQ REQUIREMENTS

DESIGN: MTTSR	SCALE: NOTED	PROJECT NO.	SHEET
DRAWN: MTTSR	DATE: 10/2013		SD-14
CHECKED: SDJR			



VENTED WASTEWATER MANHOLE



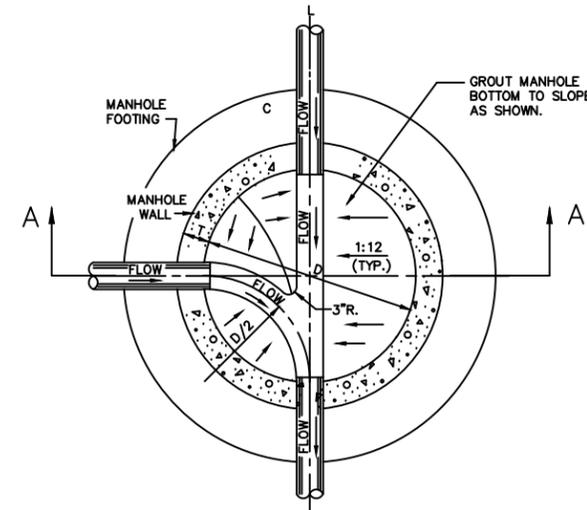
STUBOUTS TO BE A MINIMUM OF ONE JOINT OF PIPE IN LENGTH. STUBOUTS TO BE FITTED WITH WATERTIGHT STOPPER OR CAP.

FLEXIBLE BASE (92% MAX DENSITY) OR CEMENT TREATED BASE OF FLOWABLE FILL.

NOTES:

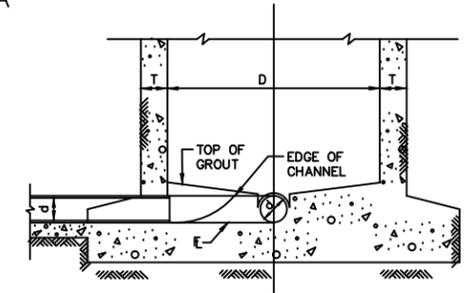
- KEYWAYS REQUIRED FOR ALL CONSTRUCTION JOINTS.
- P.V.C. WATER STOP REQUIRED FOR ALL JOINTS IN LOWER 4'-0" OF MANHOLES.
- CAST-IN-PLACE MANHOLES SHALL BE POURED IN ONE CONTINUOUS POUR. IF COLD JOINT IS MADE, THEN #4 STEEL REBARS-24" L X 12" D X 12" CENTERS. DOWELS TO MEET TYPICAL PAVING JOINT "C".
- IF FALSE MANHOLE BOTTOMS ARE REQUIRED, THEY SHALL BE CONSTRUCTED, INSTALLED, & REMOVED PER NCTCOG.
- ALL MANHOLES SHALL BE EPOXY LINED INTERIOR AND SEALED EXTERIOR FOR CORROSION RESISTANCE AS APPROVED BY CITY.
- LINKSEAL GASKET SHALL BE USED ON EXISTING PIPE FOR CAST IN PLACE MANHOLES.
- TESTING REQUIRED ON ALL CAST IN PLACE STRUCTURES

STANDARD CAST-IN-PLACE MANHOLE



PLAN  
N.T.S.

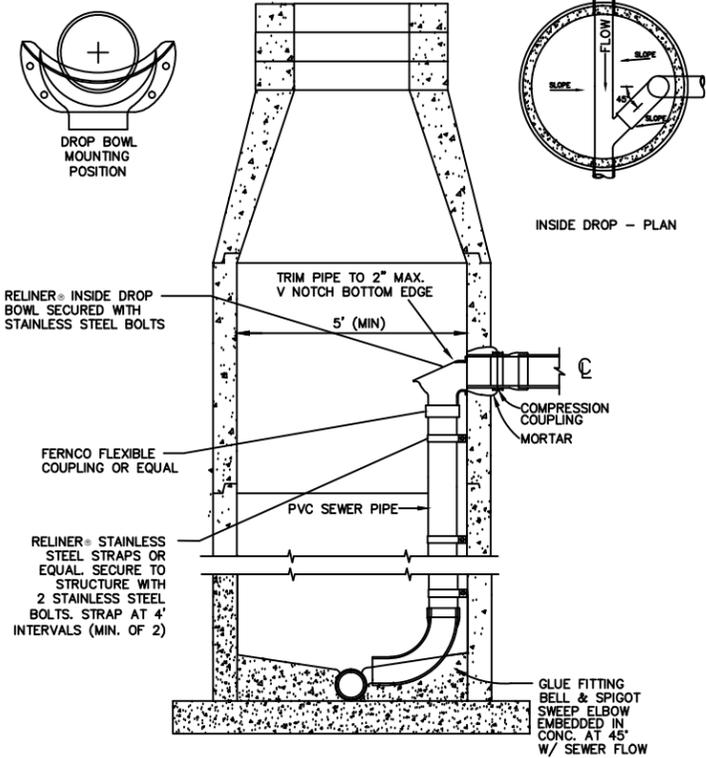
T = WALL THICKNESS  
D = MANHOLE DIAMETER  
d = PIPE DIAMETER



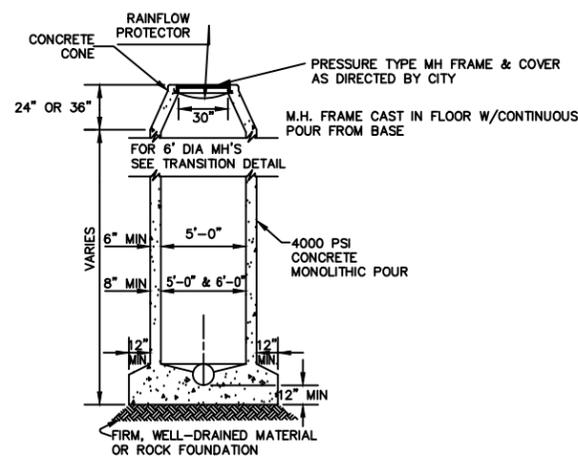
SECTION A-A  
N.T.S.

NOTE:  
REFER TO MANHOLE STANDARD DRAWINGS FOR ADDITIONAL DETAIL OF M.H.

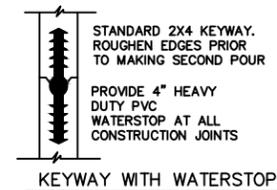
WASTEWATER MANHOLE LINE INTERSECTION



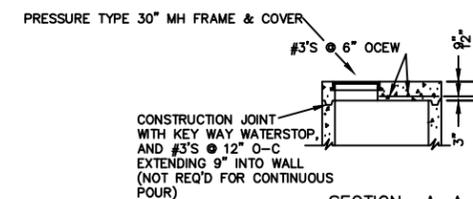
DROP MANHOLE



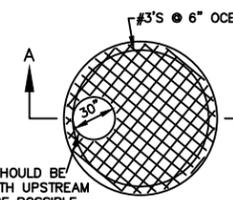
STANDARD MANHOLE



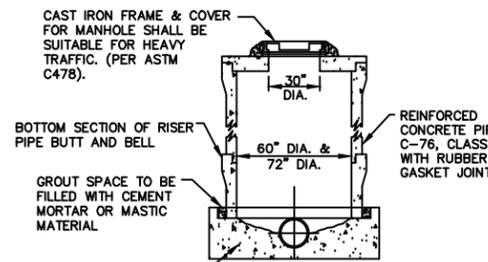
KEYWAY WITH WATERSTOP



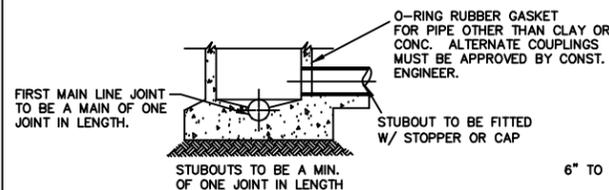
SECTION A-A



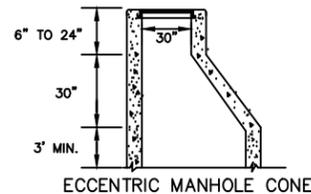
ROOF STEEL LAYOUT



PRECAST CONCRETE FLAT TOP MANHOLE



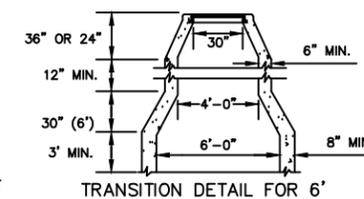
STANDARD MANHOLE



ECCENTRIC MANHOLE CONE

CLASSES OF CONCRETE

CLASS OF CONCRETE	SACKS OF CONCRETE PER CUBIC YARD	MIN. COMPRESSIVE STRENGTH AT 28 DAYS	MAX. WATER CEMENT RATIO
A	5	3000	6.5
B	4	2000	8.0
C	6.5	4200	5.5



TRANSITION DETAIL FOR 6"

GENERAL NOTES

- SANITARY SEWER PIPE MAINS LESS THAN 10' DEPTH SHALL BE PVC SDR-35 PIPE. SEWER PIPE GREATER THAN 10' DEPTH SHALL BE PVC SDR-26 PIPE. LATERALS SHALL BE PVC SDR-26 PIPE.
- SANITARY SEWER PIPE JOINTS SHALL CONFORM TO CURRENT ASTM DESIGNATIONS FOR PVC PIPE.
- ALL SANITARY SEWER LATERALS SHALL INCLUDE 4" TEE, WYE, BEND, PIPE, AND STOPPER INSTALLED AT THE CENTER OF EACH LOT, UNLESS OTHERWISE INDICATED ON PLANS. 6" OR LARGER LATERALS REQUIRE M.H. AT MAIN SEWER PIPE.
- UNLESS OTHERWISE NOTED, ALL MATERIAL AND CONSTRUCTION SHALL CONFORM TO THE CITY OF ROWLETT STANDARD SPECIFICATIONS.
- DROP MANHOLE REQUIRED FOR CONNECTIONS GREATER THAN 2' HEIGHT FROM MAIN FLOWLINE TO 18" DIAMETER OR LARGER PIPE.
- THE LOCATION OF ALL MANHOLES, CLEANOUTS, AND SERVICES SHALL BE MARKED ON THE STREET OR ALLEY CURB, AS DIRECTED BY THE CITY ENGINEER.
- SPACING OF MANHOLES AND CLEANOUTS SHALL BE AS SPECIFIED IN THE CITY OF ROWLETT WATER UTILITIES DESIGN MANUAL OR AS DIRECTED BY THE PW DIRECTOR.
- MANHOLES CONSTRUCTED IN LOCATIONS SUBJECT TO SUBMERSION, SHALL BE WATER-TIGHT TYPE "S" MANHOLES.
- NO SEWER SERVICE LINE CONNECTIONS SHALL BE CONSTRUCTED DEEPER THAN 15 FEET.
- ALL NEW MANHOLES SHALL BE LINED WITH MINIMUM 100 MIL THICKNESS RAVEN 405 OR APPROVED EQUAL. ENGINEER WILL APPROVE COATING THICKNESS FOR COR STANDARD CONDITION TYPE OF MANHOLE.
- MINIMUM SIZE FOR SEWER MAIN SHALL BE 8" NOMINAL DIAMETER.
- MINIMUM SIZE FOR ALL MANHOLE RINGS AND LIDS IS 30".

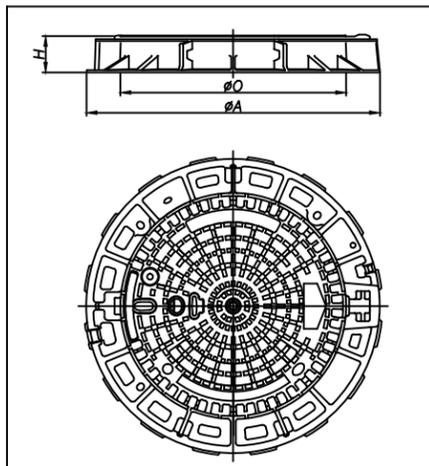
REV.	COMMENTS	BY	DATE

Rowlett CITY OF ROWLETT, TEXAS  
DEPARTMENT OF PUBLIC WORKS

STANDARD CONSTRUCTION DETAILS  
SANITARY SEWER

MANHOLES  
TRANSITIONS & ROOF OPTIONS

DESIGN:	SCALE: NOTED	PROJECT NO.	SHEET
DRAWN:	DATE:		SD-15
CHECKED:			



Manhole cover and frame shall be called PAMREX or approved equal. Cover and frame shall be manufactured from Ductile Iron.

Covers shall be hinged and incorporate a 90 degree blocking system to prevent accidental closure. Covers shall be one man operable using standard tools and shall be capable of withstanding a test load of 80,000 lbs.

Frames shall be circular, incorporate a seating ring and a fitted plug in the hinge housing, and be available in 32 inch clear opening. The frame depth shall not exceed 5 inches, and the flange shall incorporate bedding slots, bolt holes, and lifting eyes.

All components shall be black coated.

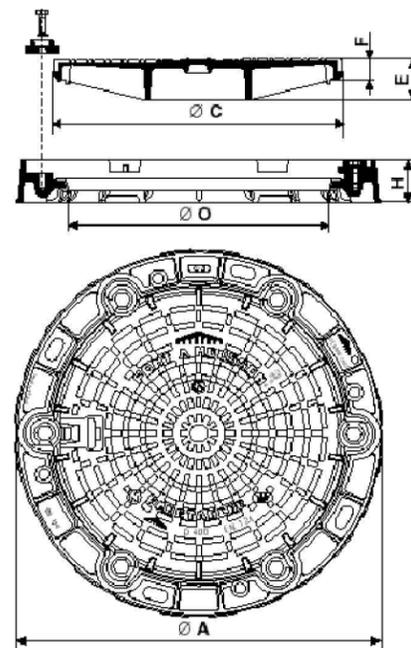
Frame weight: 107 lbs.  
Cover weight: 162 lbs.  
Total weight: 269 lbs.

DIMENSIONS (INCHES)			WEIGHT (lbs)		REFERENCE
A	O	H	COVER AND FRAME	COVER ONLY	
39.4	31.5	5	269	162	RE 32 R8 FD

INLET COVERS FOR LOCATIONS WHERE THE RIM ELEVATIONS ARE BELOW THE 100 YEAR FLOOD PLANE ELEVATION SHALL BE PAMTIGHT 32" BOLT DOWN RING AND COVER OR APPROVED EQUAL

PAMREX 32 INCH MANHOLE COVER AND FRAME

NTS



Manhole cover and frame shall be called CAMSEAL, PAMTIGHT or approved equal. Cover and frame shall be manufactured from Ductile Iron.

Covers shall be fastened to the frame by six clamping claws held by stainless steel bolts. Covers shall incorporate a sealed handling box and be one man operable using standard tools, and shall be capable of withstanding a test load of 80,000 lbs.

Frames shall be circular and be available in a 32 inch clear opening. The frame depth shall not exceed 4 inches, and the flange shall incorporate bedding slots and bolt holes.

Cover and frame shall incorporate a seating ring to prevent ingress and escape of air and water to 1 bar positive or negative rating. Cover and frame shall be black coated.

Frame weight: 167 lbs. Cover weight: 185 lbs. Total weight: 352 lbs.

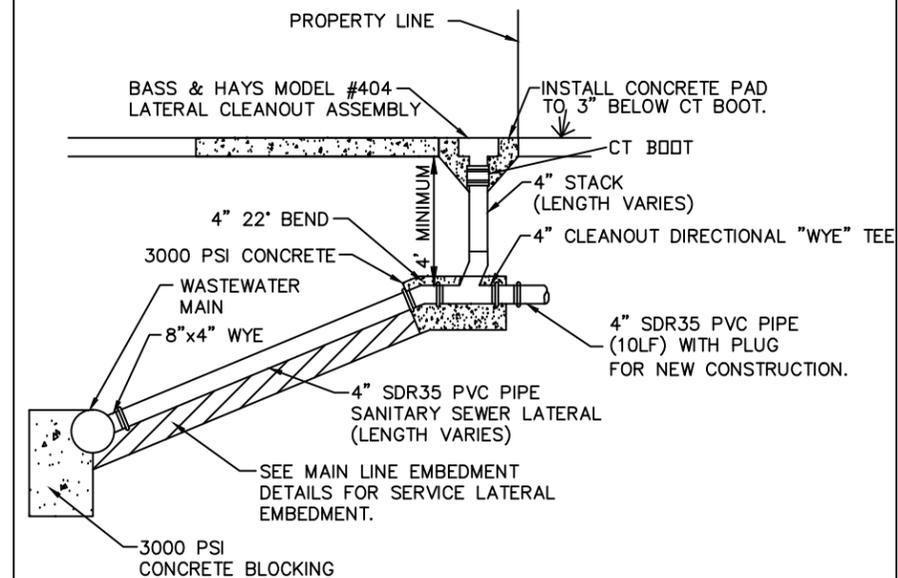
CAMSEAL / PAMTIGHT is available from Jim Cox Sales, Inc. (800) 838-7377

CAMSEAL / PAMTIGHT 32 INCH MANHOLE COVER AND FRAME

NTS

NOTES:

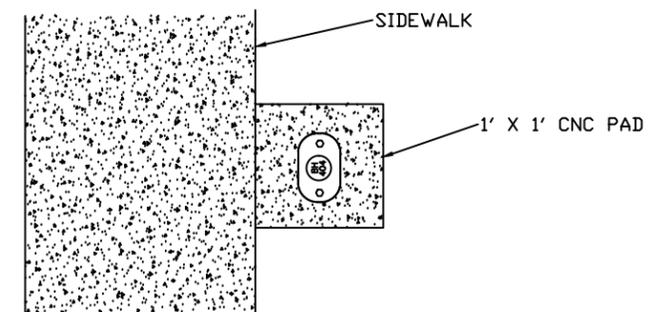
1. ALL MANHOLE RINGS AND LIDS SHALL BE COATED FOR CORROSION RESISTANCE BY MANUFACTURER.
2. ALL MANHOLE RINGS AND LIDS SHALL BE MINIMUM 30" DIAMETER.
3. ALL MANHOLE RINGS AND LIDS SHALL BE DOMESTIC MATERIAL ONLY.
4. ALL WATER CROSSINGS AND WASTEWATER CROSSINGS SHALL COMPLY WITH TCEQ REQUIREMENTS.



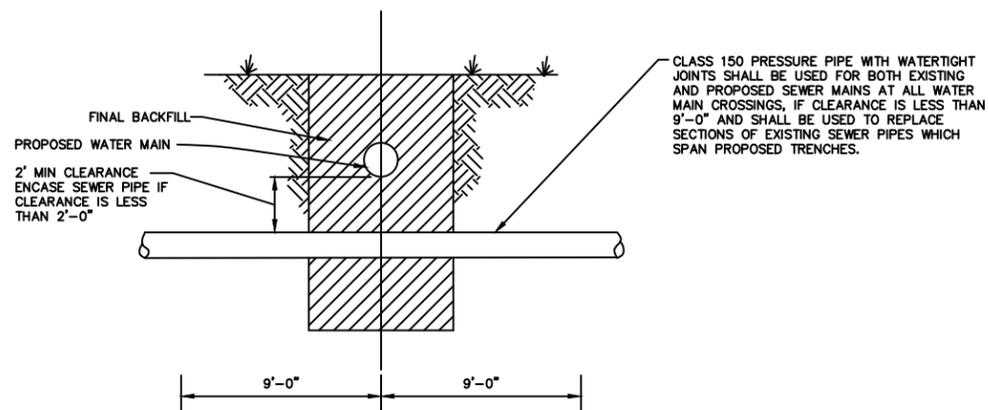
NOTES:

1. WASTEWATER CLEANOUT SHALL BE BASS & HAYS #404
2. SLOPE OF LATERAL TO BE 1% MIN, 2% MAX UNLESS INSTRUCTED OTHERWISE BY OWNER.
3. THE WASTEWATER LATERAL SHALL BE CONNECTED TO BUILDING LATERAL AND CONSTRUCTED IN SUCH MANNER AS TO CLEAR EXISTING UTILITIES AND PROPOSED FACILITIES SUCH AS STORM SEWER MAINS, PAVING, SIDEWALKS, RETAINING WALLS, ETC. VERTICAL BENDS (22.5' MAX) MAY BE USED IF APPROVED BY CITY.
4. THE MAINLINE LATERAL CONNECTION TO THE PRIVATE BUILDING LATERAL SHALL BE 10' FEET INTO PROPERTY.
5. THE CLEANOUT STACK & CASTING MAY BE PLACED IN THE PARKWAY, VEHICLE TRAFFIC AREAS, OR SIDEWALK AS APPROVED BY CITY.

TYPICAL SERVICE CONNECTION DETAIL



PLAN VIEW - CONCRETE PAD



SEWER AT WATER CROSSINGS & TRENCH SPANS

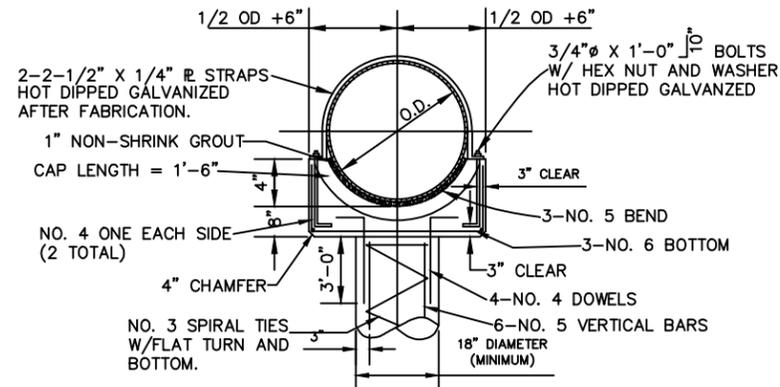
REV.	COMMENTS	BY	DATE

**Rowlett** CITY OF ROWLETT, TEXAS  
DEPARTMENT OF PUBLIC WORKS  
TEXAS

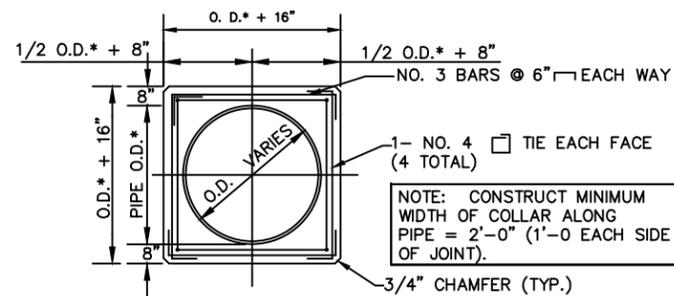
STANDARD CONSTRUCTION DETAILS  
SANITARY SEWER

BORE W/CASING & CARRIER PIPE  
MANHOLE COVERS - TYPICAL SERVICE  
TRENCH CROSSING

DESIGN:	SCALE:	PROJECT NO.	SHEET
DRAWN:	NOTED		SD-16
CHECKED:	DATE:		

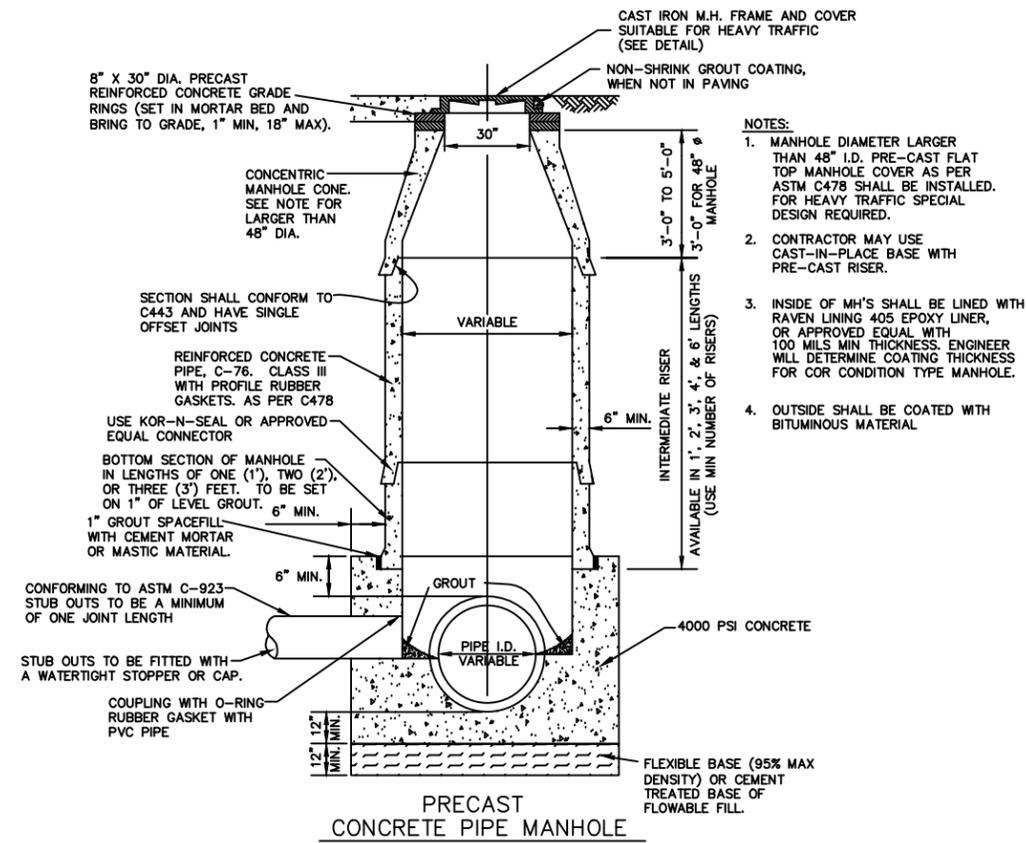


AERIAL CROSSING PIER CAP DETAIL

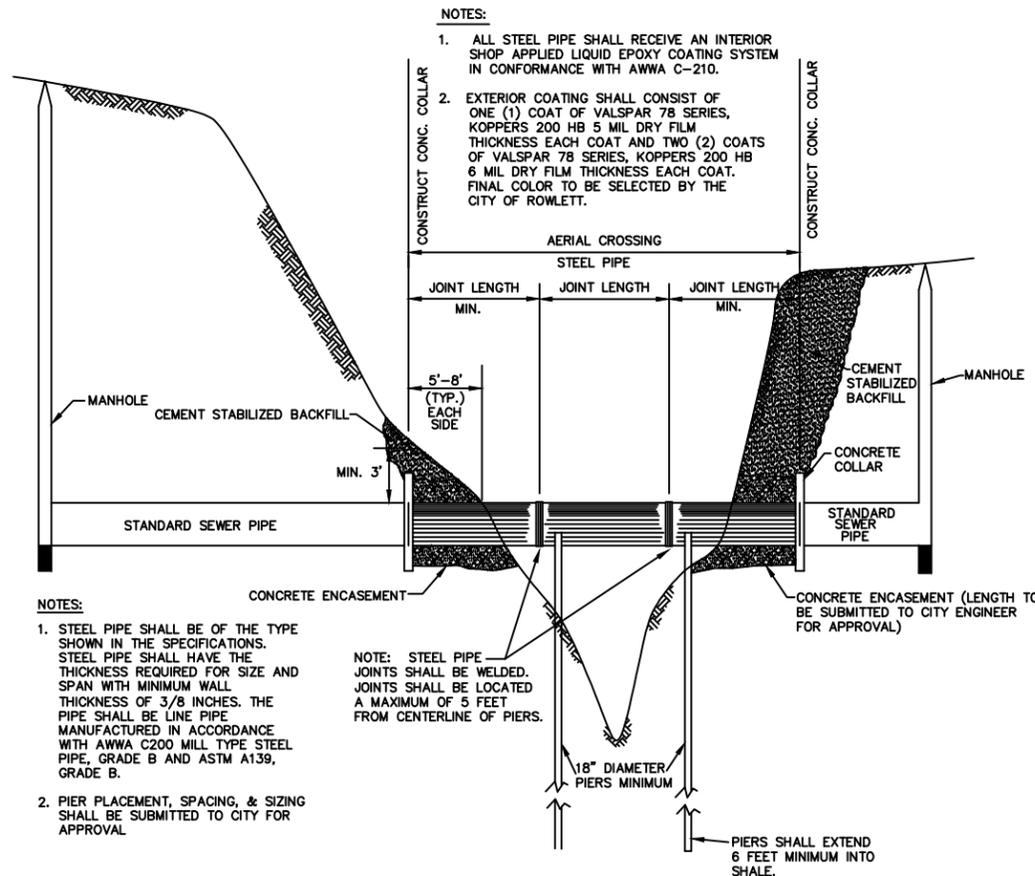


\* O.D. OF LARGEST PIPE  
AT EACH COLLAR.

AERIAL CROSSING  
CONCRETE COLLAR DETAIL



PRECAST  
CONCRETE PIPE MANHOLE



AERIAL CROSSING DETAIL

- NOTES:
1. STEEL PIPE SHALL BE OF THE TYPE SHOWN IN THE SPECIFICATIONS. STEEL PIPE SHALL HAVE THE THICKNESS REQUIRED FOR SIZE AND SPAN WITH MINIMUM WALL THICKNESS OF 3/8 INCHES. THE PIPE SHALL BE LINE PIPE MANUFACTURED IN ACCORDANCE WITH AWWA C200 MILL TYPE STEEL PIPE, GRADE B AND ASTM A139, GRADE B.
  2. PIER PLACEMENT, SPACING, & SIZING SHALL BE SUBMITTED TO CITY FOR APPROVAL

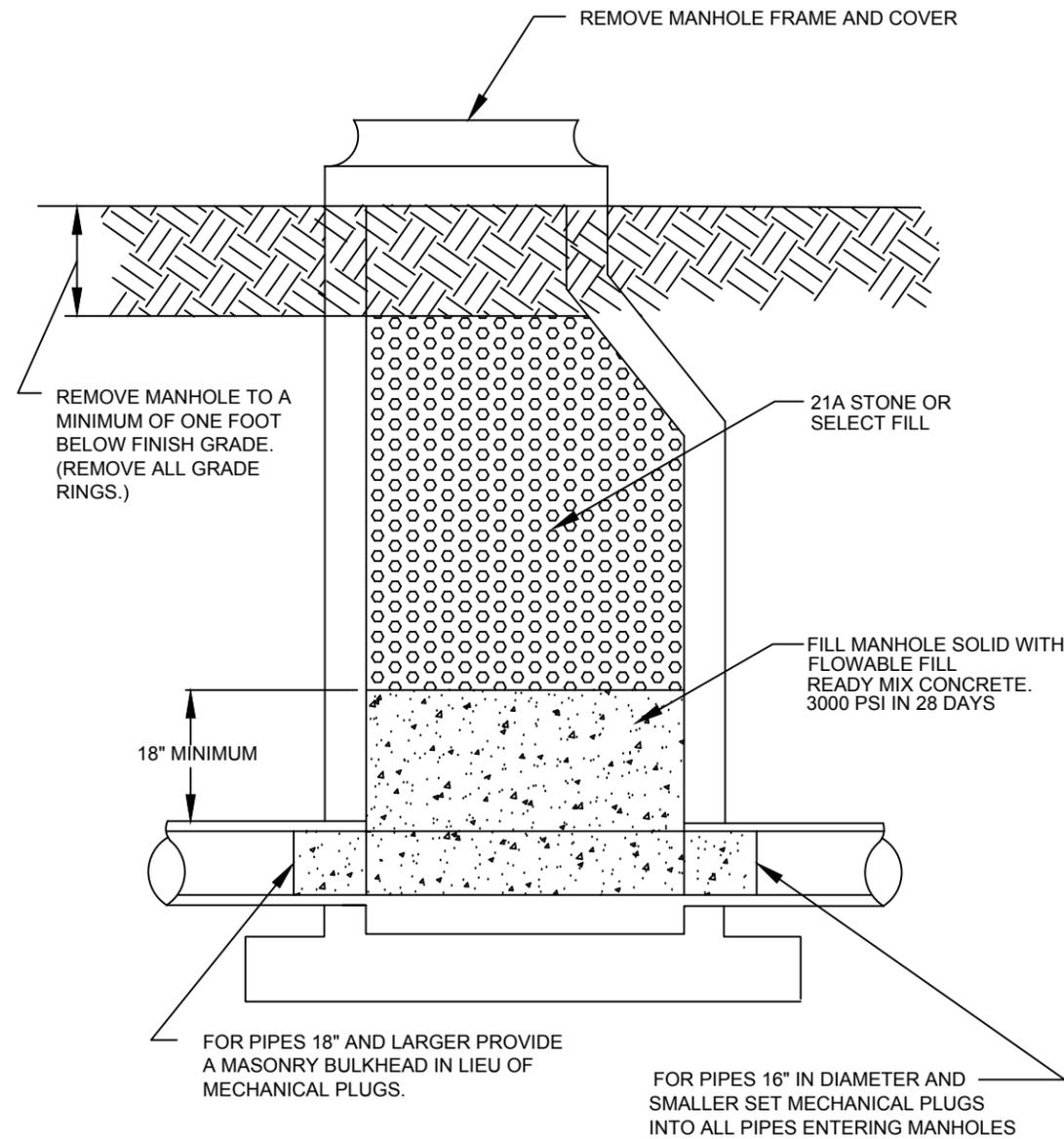
REV.	COMMENTS	BY	DATE

**Rowlett** CITY OF ROWLETT, TEXAS  
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TEXAS

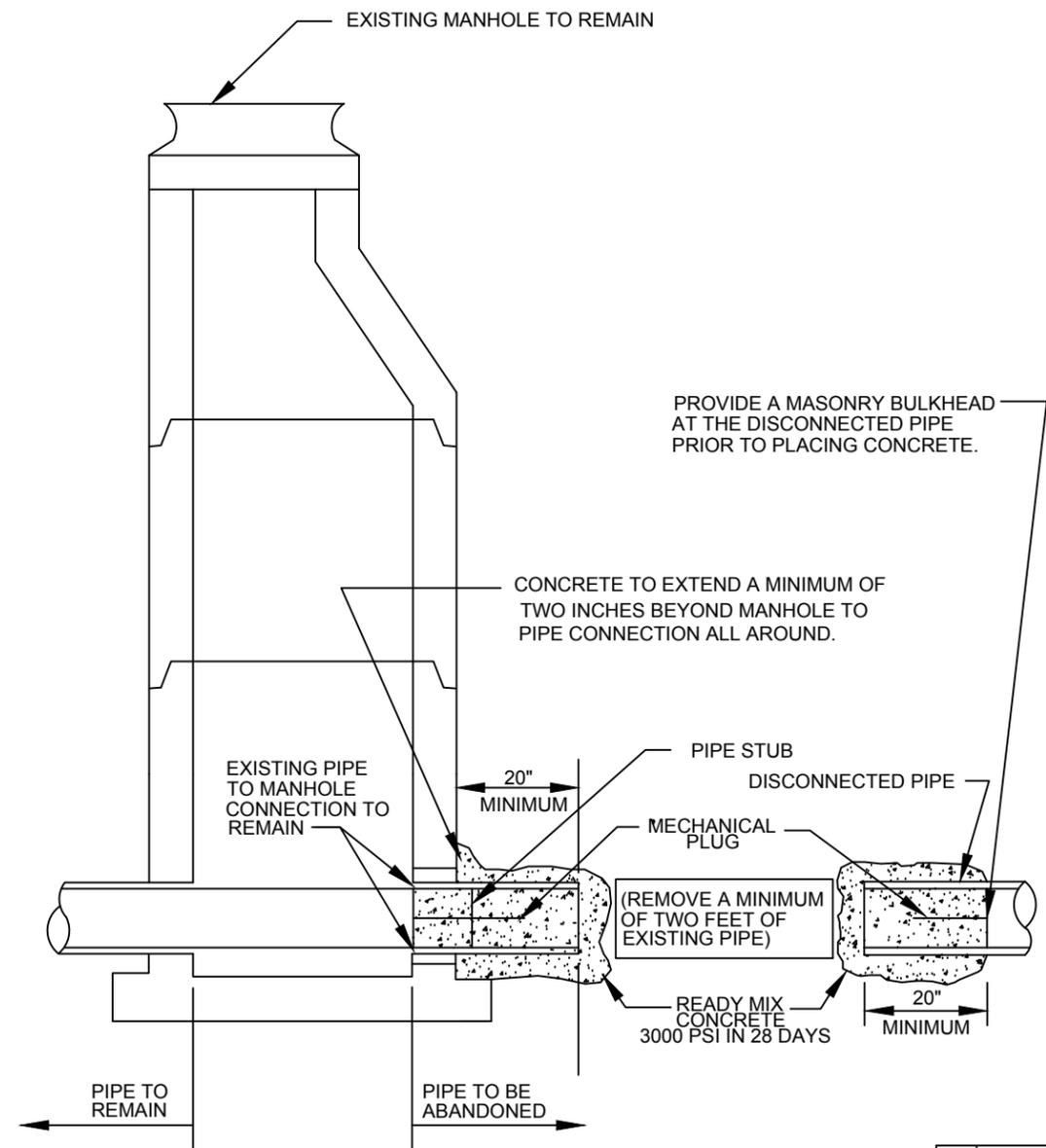
STANDARD CONSTRUCTION DETAILS  
SANITARY SEWER

AERIAL CROSSING,  
PRECAST CONCRETE PIPE MANHOLE

DESIGN:	SCALE: NOTED	PROJECT NO.	SHEET
DRAWN:	DATE:		SD-17
CHECKED:			



SANITARY SEWER MANHOLE ABANDONMENT



SANITARY SEWER PIPE ABANDONMENT AT A MANHOLE

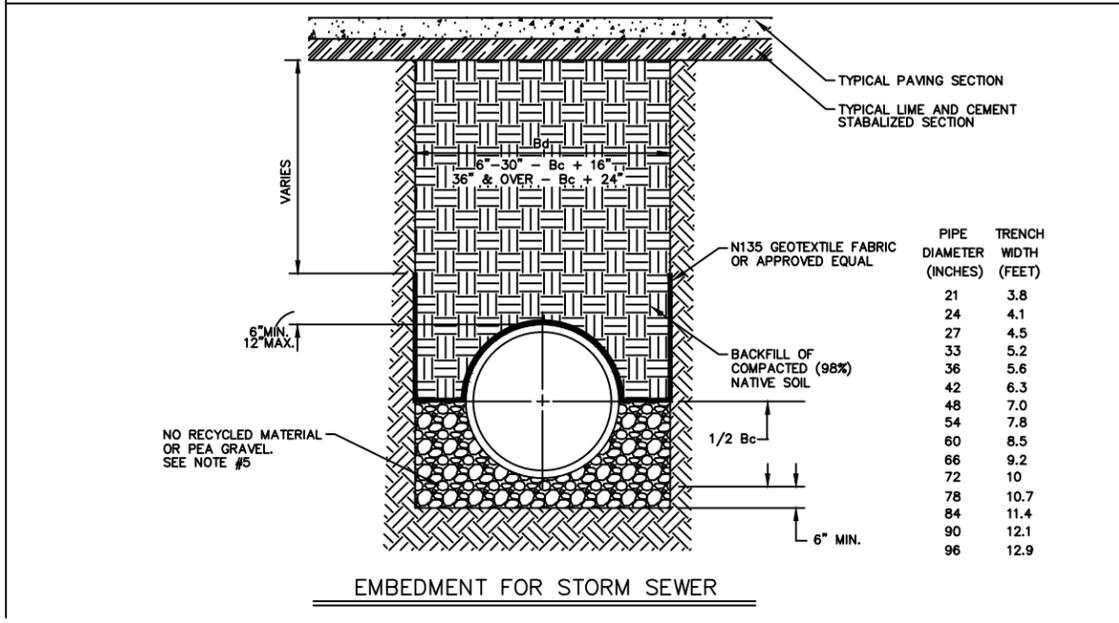
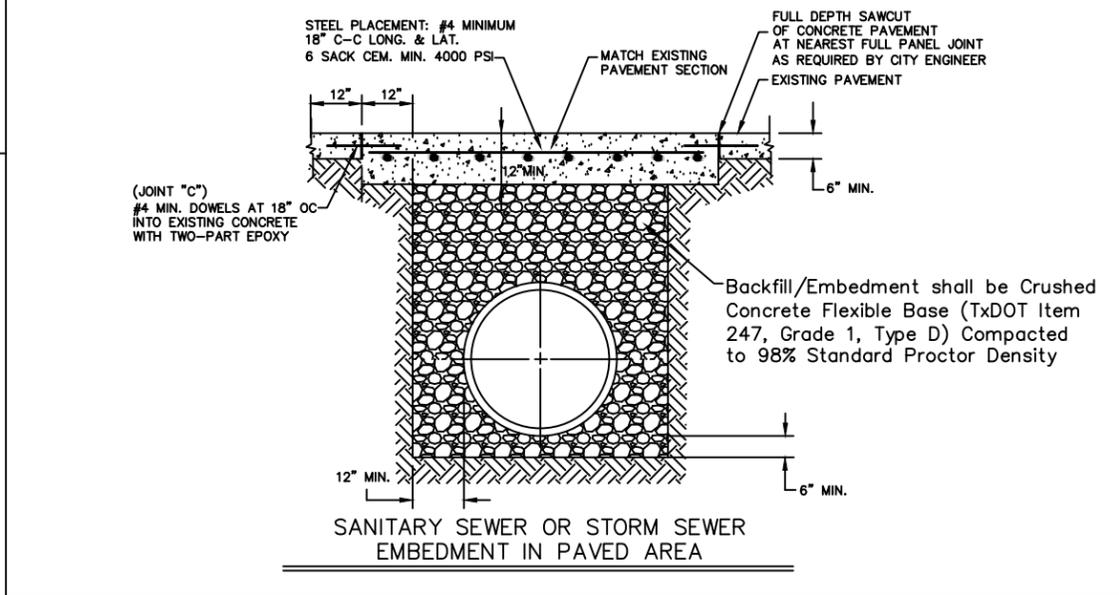
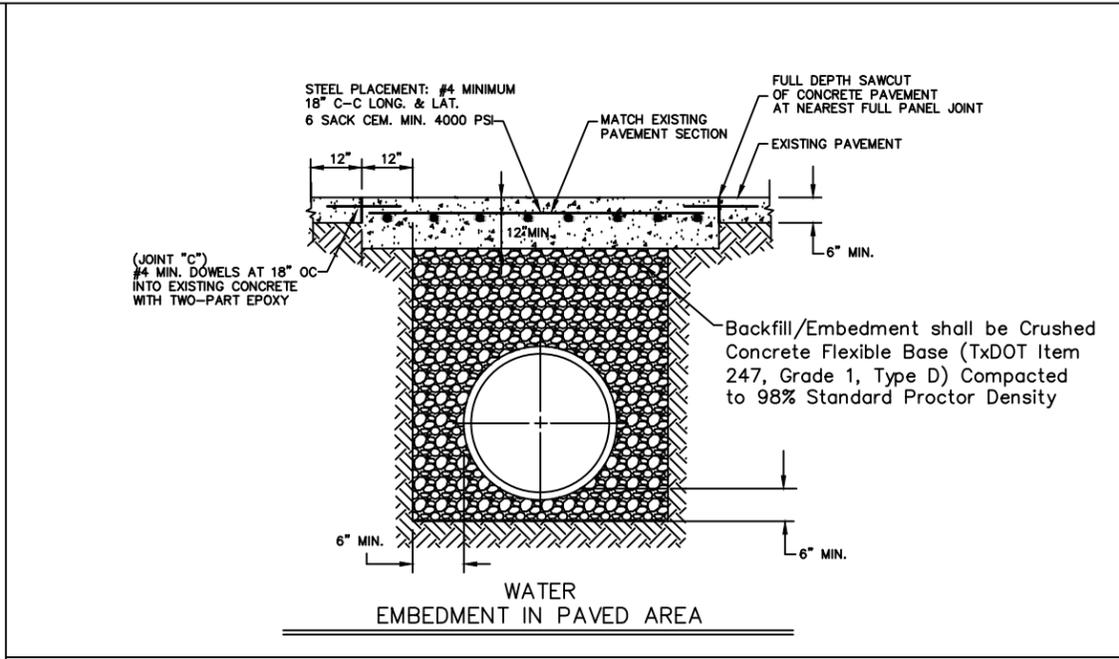
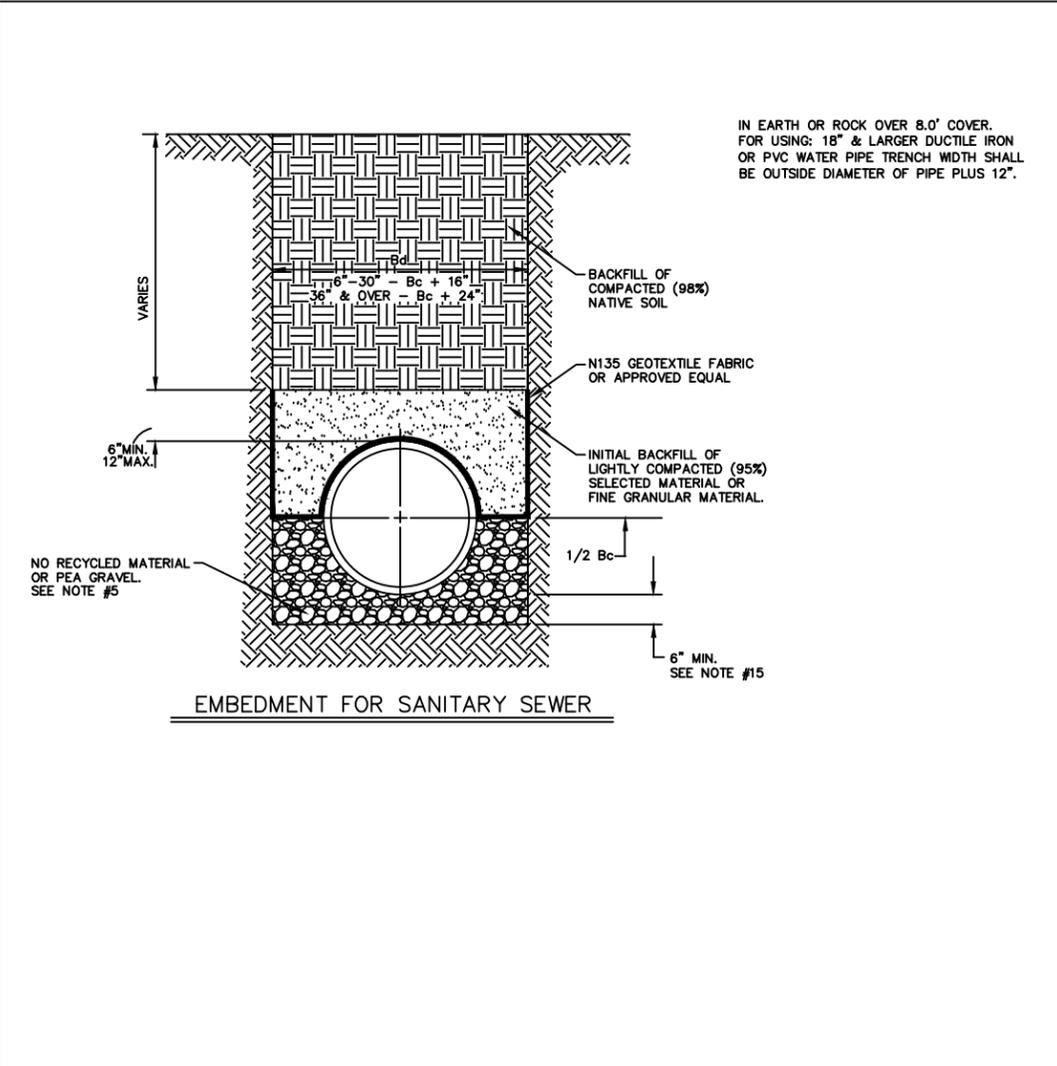
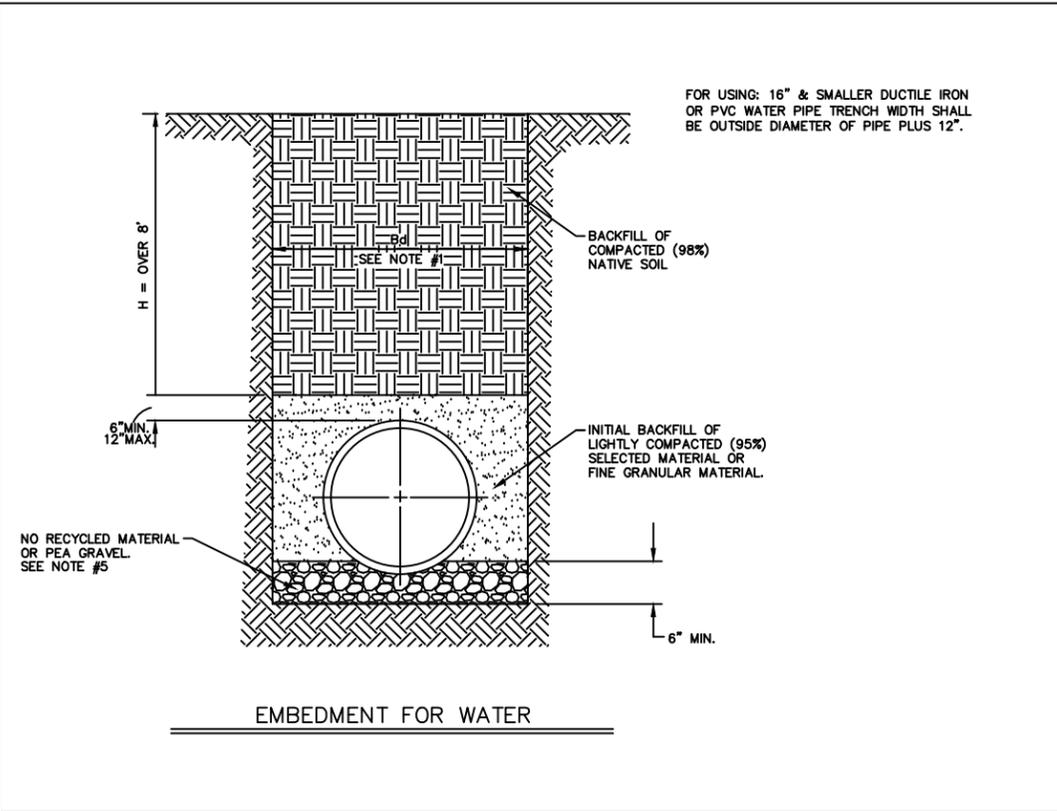
REV.	COMMENTS	BY	DATE

**Rowlett** CITY OF ROWLETT, TEXAS  
 TEXAS DEPARTMENT OF PUBLIC WORKS

STANDARD CONSTRUCTION DETAILS  
 SANITARY SEWER

AERIAL CROSSING,  
 PRECAST CONCRETE PIPE MANHOLE

DESIGN:	SCALE:	PROJECT NO.	SHEET
DRAWN:	NOTED		
CHECKED:	DATE:		SD-17B
	10/2013		



NOTES:

- TYPE OF EMBEDMENT OR ENCASEMENT SHALL BE SHOWN IN THE PROFILES FOR ALL LINES. LOAD CALCULATIONS SHALL BE SUBMITTED TO THE PW DIR. OR HIS DESIGNEE.
- NO WATER JETTING OR FLOODING ALLOWED UNDER PAVEMENTS. NO WATER JETTING OR FLOODING ALLOWED IN CLAY MATERIALS. JETTING PROCEDURE SHALL BE APPROVED BY THE PW DIRECTOR. OR HIS DESIGNEE.
- ALL EMBEDMENT MATERIALS SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY EXCEPT UNDER FUTURE PAVING. UNDER FUTURE PAVING, EMBEDMENT MATERIALS SHALL BE COMPACTED TO 98% STANDARD PROCTOR DENSITY.
- CLASS B CONCRETE MIN. 4 SACK, WATER CEMENT RATIO 8; 28-DAY MINIMUM STRENGTH, 2000 PSI.
- CRUSHED STONE GRADATION (AGGREGATE GRADE 4)
 

SIEVE SIZE	% RETAINED
3/4 INCH	0
1/2 INCH	0-5
3/8 INCH	5-30
NO. 4	75-100
- GRANULAR MATERIAL SHALL BE FREE FLOWING SUCH AS SAND OR HYDRAULICALLY GRADED CRUSHED STONE FINES, OR MIXED SAND & GRAVEL OR SANDY LOAM. THE MATERIAL SHALL BE FREE OF CLAY AND ORGANIC MATTER AND SHALL NOT CONTAIN LUMPS OR STONES OVER 2 INCHES IN DIAMETER.
- SELECT MATERIAL SHALL BE GRAVEL, FINE ROCK CUTTINGS, SAND, SANDY LOAM, AND MATERIALS FREE OF CLAY AND ORGANIC MATTER. ROCK CUTTINGS SHALL HAVE NO DIMENSION OVER 2 INCHES.
- FOR MAINS 30" Ø OR LARGER, USE 1/8 Bc SHALL BE TAKEN AS 6".
- CEMENT STABILIZED BACKFILL SHALL CONSIST OF A MIXTURE OF CLEAN SAND AND TWO (2) SACKS OF CEMENT PER CUBIC YARD OF SAND. ALL MATERIALS SHALL BE MIXED IN A CONCRETE MIXER OR TRANSIT MIXER. THE STABILIZED BACKFILL SHALL BE COMPACTED IN A MOIST CONDITION.
- FLEXIBLE BASE SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN TxDOT ITEM 247, "FLEXIBLE BASE", AND SHALL BE A TYPE D, GRADE 1 MATERIAL.
- ASPHALT STABILIZED BASE SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN TxDOT ITEM 292, "ASPHALT STABILIZED BASE", GRADE 2.
- TRENCH SAFETY PROVISIONS SHALL APPLY ON ALL TRENCHES AND EXCAVATIONS.
- BARRICADE AND TRAFFIC CONTROL PLANS SHALL BE REQUIRED AND SHALL HAVE THE APPROVAL THE CITY ENGINEER.
- IF CLASS "D-" EMBEDMENT IS SPECIFIED AND IF LIGHTLY COMPACTED SELECT MATERIAL IS USED FOR INITIAL BACKFILL, A SPECIAL DESIGN SHALL BE PROVIDED FOR 60" DIAMETER AND LARGER PIPE. THIS COULD BE APPLICABLE TO CLASS "C" EMBEDMENT.
- IN ROCK TRENCHES, THE MINIMUM UNDERCUT WILL BE 6" EXCEPT WHERE CONCRETE CRADLE IS USED.

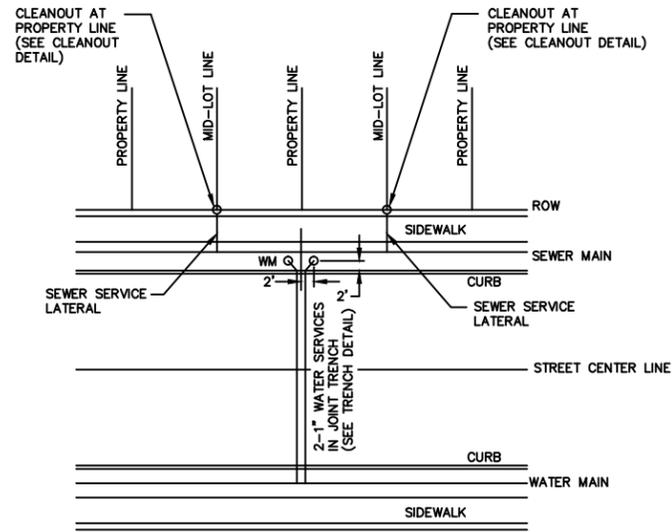
REV.	COMMENTS	BY	DATE

**Rowlett** CITY OF ROWLETT, TEXAS  
DEPARTMENT OF PUBLIC WORKS  
TEXAS

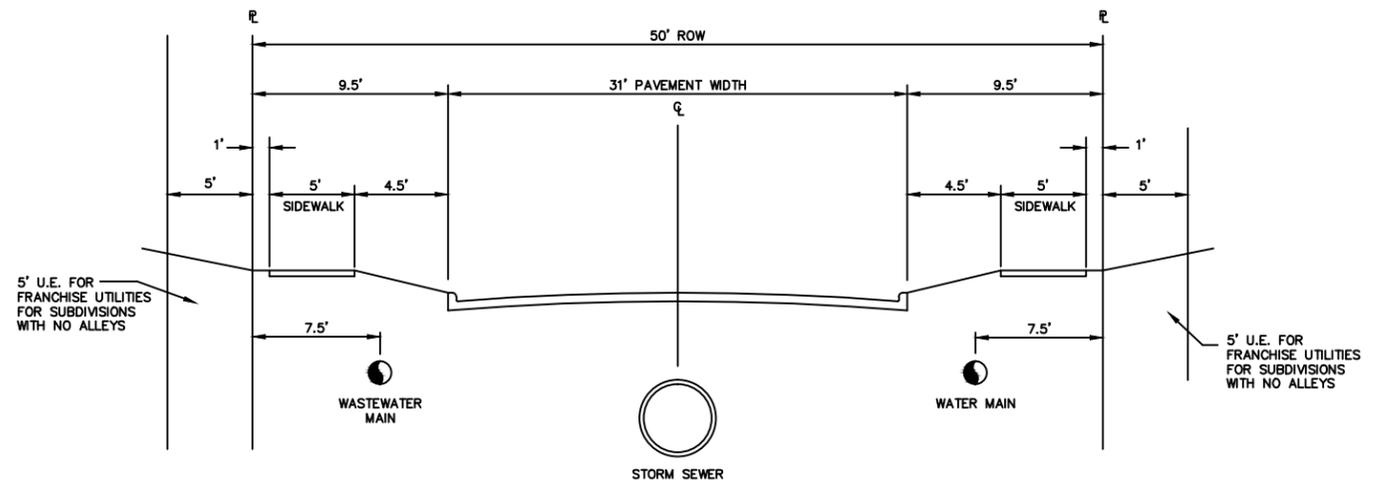
STANDARD CONSTRUCTION DETAILS  
UTILITIES

EMBEDMENT and STREET REPAIR

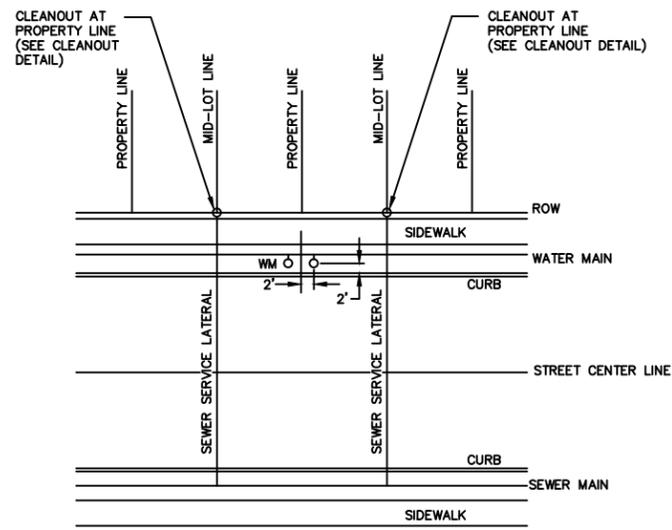
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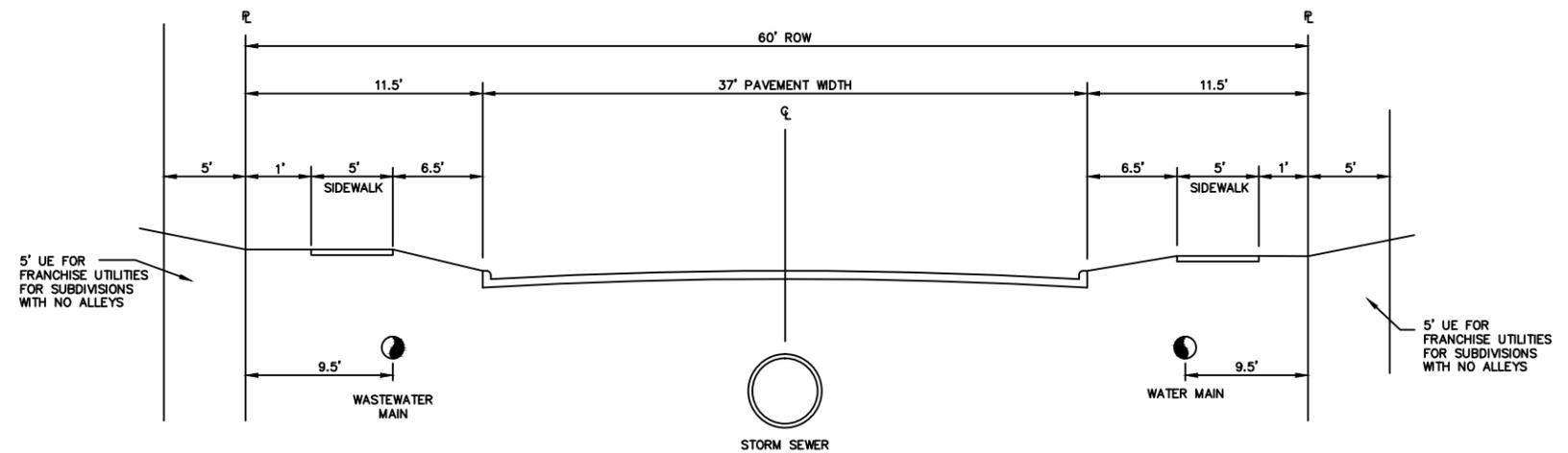
SHORT SEWER & LONG WATER SERVICE DETAIL



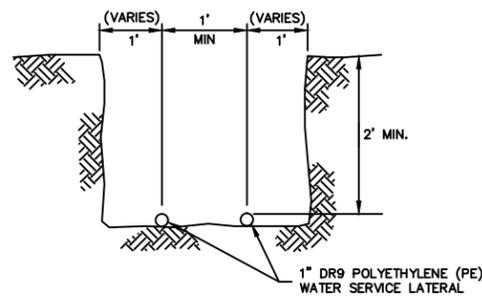
MINOR RESIDENTIAL STREET



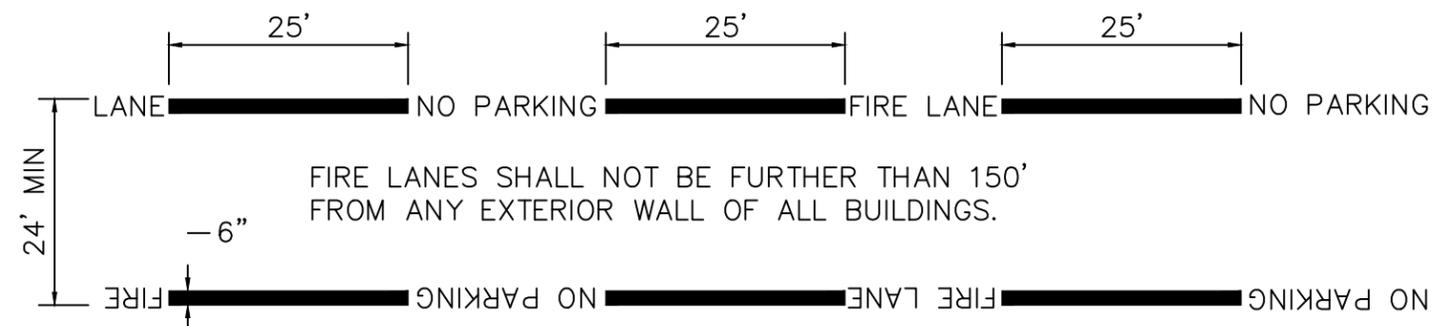
LONG SEWER & SHORT WATER SERVICE DETAIL



RESIDENTIAL COLLECTOR STREET



TYPICAL RESIDENTIAL WATER SERVICE JOINT TRENCH DETAIL



FIRE LANE MARKING

REV.	COMMENTS	BY	DATE

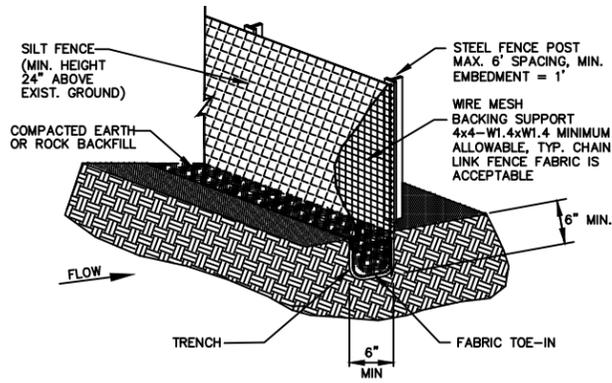
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STANDARD CONSTRUCTION DETAILS  
 WATER AND SANITARY SEWER

UTILITY LOCATIONS & MISC

DESIGN:	SCALE: NOTED	PROJECT NO.	SHEET
DRAWN:	DATE: 11-09-2010		SD-19
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**GENERAL NOTES – SILT FENCE**



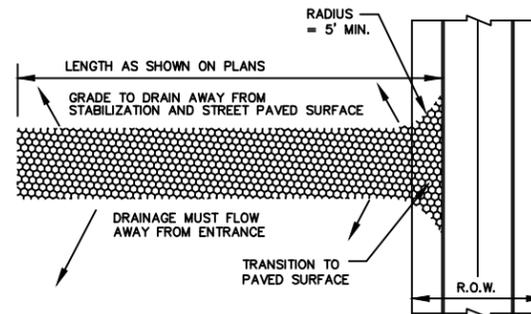
ISOMETRIC PLAN VIEW

REINFORCED SILT FENCE

1. STEEL POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF ONE FOOT.
2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. WHERE FENCE CANNOT BE TRENCHED IN (e.g. PAVEMENT), WEIGHT FABRIC FLAP WITH ROCK ON UPHILL SIDE TO PREVENT FLOW FROM SEEPING UNDER FENCE.
3. THE TRENCH MUST BE A MINIMUM OF 6 INCHES DEEP AND 6 INCHES WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.
4. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH STEEL SUPPORT POST OR TO WOVEN WIRE, WHICH IN TURN IS ATTACHED TO THE STEEL FENCE POST. THERE SHALL BE A 3 FOOT OVERLAP, SECURELY FASTENED WHERE ENDS OF FABRIC MEET.
5. INSPECTION SHALL BE MADE EVERY 7 DAYS OR EVERY 14 DAYS AND WITHIN 24 HOURS OF A 1/2" RAINFALL EVENT. REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
6. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
7. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF HALF THE HEIGHT OF THE FENCE. THE SILT SHALL BE DISPOSED OF AT AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CONTRIBUTE TO ADDITIONAL SILTATION.

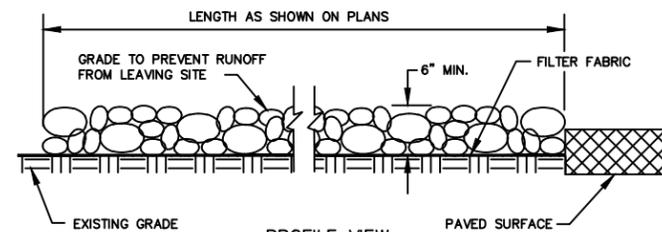
**STABILIZED CONSTRUCTION ENTRANCE GENERAL NOTES**

1. STONE SHALL BE 3 TO 5 INCH DIAMETER CRUSHED ROCK OR ACCEPTABLE CRUSHED PORTLAND CEMENT CONCRETE.
2. LENGTH SHALL BE SHOWN ON PLANS, WITH A MINIMUM LENGTH OF 30 FEET FOR LOTS WHICH ARE LESS THAN 150 FEET FROM EDGE OF PAVEMENT. THE MINIMUM DEPTH IN ALL OTHER CASES SHALL BE 50 FEET.
3. THE THICKNESS SHALL NOT BE LESS THAN 6 INCHES.
4. THE WIDTH SHALL BE NO LESS THAN THE FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.
5. WHEN NECESSARY, VEHICLES SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO A PUBLIC ROADWAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WITH DRAINAGE FLOWING AWAY FROM BOTH THE STREET AND THE STABILIZED ENTRANCE. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE USING APPROVED METHODS.
6. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PAVED SURFACES. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PAVED SURFACES MUST BE REMOVED IMMEDIATELY.
7. THE ENTRANCE MUST BE PROPERLY GRADED OR INCORPORATE A DRAINAGE SWALE TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.



PLAN VIEW

N.T.S.



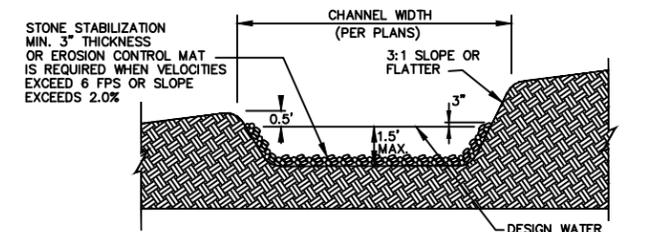
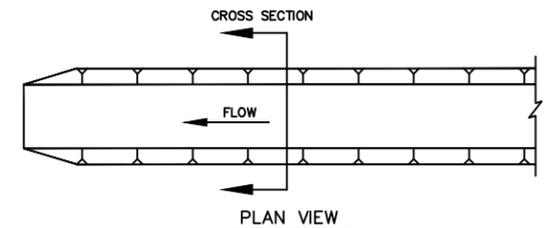
PROFILE VIEW

N.T.S.

STABILIZED CONSTRUCTION ENTRANCE

**GENERAL NOTES – INTERCEPTOR SWALE**

1. ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS AND OTHER MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE SWALE.
2. THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE AND CROSS-SECTION AS REQUIRED TO MEET CRITERIA SPECIFIED HEREIN AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
3. ALL EARTH REMOVED AND NOT NEEDED IN CONSTRUCTION SHALL BE DISPOSED OF IN AN APPROVED SPOILS SITE SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE SWALE.
4. DIVERTED RUNOFF FROM A DISTURBED OR EXPOSED UPLAND AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
5. THE ON-SITE LOCATION MAY NEED TO BE ADJUSTED TO MEET FIELD CONDITIONS IN ORDER TO UTILIZE THE MOST SUITABLE OUTLET.
6. STABILIZATION IS REQUIRED WHEN VELOCITIES EXCEED 6 FEET PER SECOND OR WHEN GRADES EXCEED 2.0%. STABILIZATION SHALL BE CRUSHED STONE PLACED IN A LAYER OF AT LEAST 3 INCHES THICKNESS OR HIGH VELOCITY EROSION CONTROL MATTING. VEGETATION MAY BE USED FOR VELOCITIES LESS THAN 6 FEET PER SECOND.
7. MINIMUM COMPACTION FOR THE SWALE SHALL BE 90 PERCENT STANDARD PROCTOR.

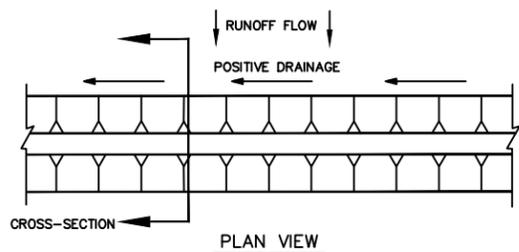


CROSS SECTION

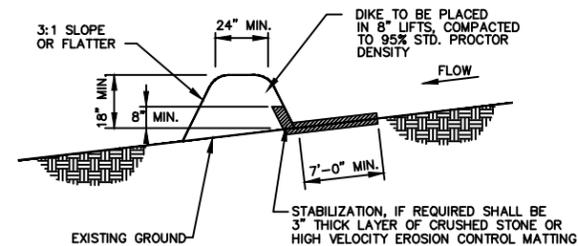
INTERCEPTOR SWALE

**GENERAL NOTES – DIVERSION DIKE**

1. ALL DIKES SHALL BE PLACED IN 8" LIFTS OR LESS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.
2. ALL DIVERSION DIKES SHALL HAVE POSITIVE DRAINAGE TO A CONTROLLED OUTLET.
3. DIVERTED RUNOFF FROM A PROTECTED OR STABILIZED AREA SHALL HAVE ITS OUTLET FLOW DIRECTED TO AN UNDISTURBED STABILIZED AREA OR INTO A LEVEL SPREADER OR GRADE STABILIZATION STRUCTURE.
4. DIVERTED RUNOFF FROM A DISTURBED OR EXPOSED AREA SHALL BE CONVEYED TO A SEDIMENT TRAP SUCH AS A ROCK BERM, TEMPORARY SEDIMENT TRAP OR SEDIMENT BASIN, OR TO AN AREA PROTECTED BY ANY OF THESE MEASURES.
5. STABILIZATION IS REQUIRED WHEN VELOCITIES EXCEED 6 FEET PER SECOND OR WHEN GRADES EXCEED 2.0%. STABILIZATION SHALL BE CRUSHED STONE PLACED IN A LAYER OF AT LEAST 3-INCH THICKNESS OR HIGH VELOCITY EROSION CONTROL MATTING. VEGETATION MAY BE USED FOR VELOCITIES LESS THAN 6 FEET PER SECOND.
6. INSPECTION SHALL BE CONDUCTED EVERY TWO WEEKS OR AFTER EACH 1/2" RAINFALL EVENT.



PLAN VIEW

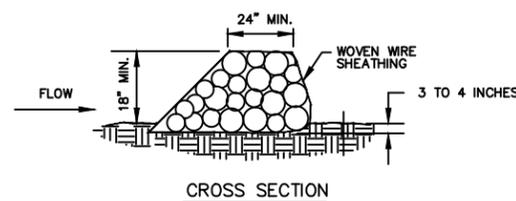


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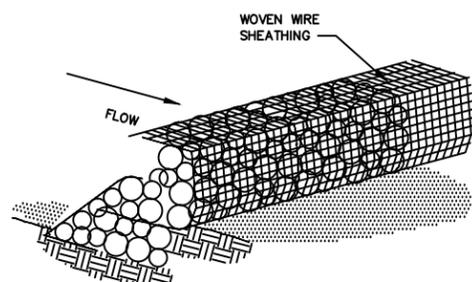
DIVERSION DIKE

**GENERAL NOTES – ROCK BERM**

1. USE ONLY OPEN-GRADED ROCK 4-8 INCHES IN DIAMETER FOR STREAM FLOW CONDITION. USE OPEN GRADED ROCK 3-5 INCHES IN DIAMETER FOR OTHER CONDITIONS.
2. THE ROCK BERM SHALL BE SECURED WITH A WOVEN WIRE SHEATHING HAVING A MAXIMUM OPENING OF 1 INCH AND A MINIMUM WIRE SIZE OF 20 GAUGE AND SHALL BE BURIED IN A TRENCH APPROXIMATELY 3 TO 4 INCHES DEEP.
3. THE ROCK BERM SHALL BE INSPECTED EVERY TWO WEEKS OR AFTER EACH 1/2" RAIN EVENT AND SHALL BE REPLACED WHEN THE STRUCTURE CEASES TO FUNCTION AS INTENDED DUE TO SILT ACCUMULATION AMONG THE ROCKS, WASHOUT, CONSTRUCTION TRAFFIC DAMAGE, ETC.
4. WHEN SILT REACHES A DEPTH EQUAL TO ONE-THIRD OF THE HEIGHT OF THE BERM OR ONE FOOT, WHICHEVER IS LESS, THE SILT SHALL BE REMOVED AND DISPOSED OF PROPERLY.
5. WHEN THE SITE IS COMPLETELY STABILIZED, THE BERM AND ACCUMULATED SILT SHALL BE REMOVED AND DISPOSED OF IN AN APPROVED MANNER.
6. ROCK BERM SHOULD BE USED AS CHECK DAMS FOR CONCENTRATED FLOW AND ARE NOT INTENDED FOR USE IN PERIMETER PROTECTION.

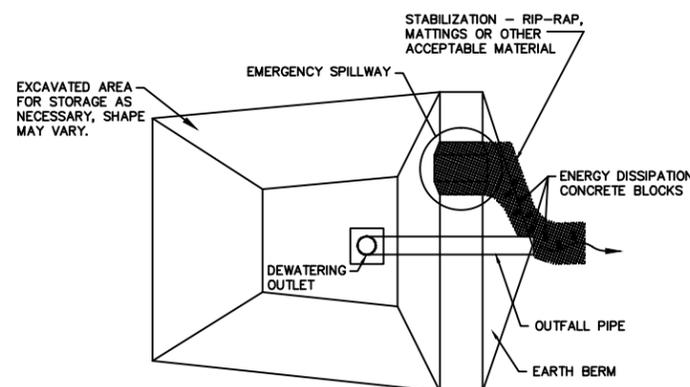
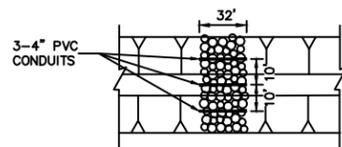


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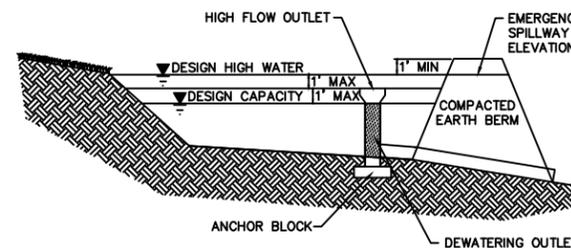
ISOMETRIC PLAN VIEW

ROCK BERM



PLAN VIEW

SEDIMENT BASIN



CROSS SECTION

- \* MAXIMUM DRAINAGE AREA CONTRIBUTING TO THE BASIN SHALL BE 10 ACRES.
- \* MINIMUM CAPACITY OF THE BASIN SHALL PROVIDE STORAGE FOR THE CALCULATED VOLUME OF RUNOFF FROM A 2-YEAR, 24-HOUR STORM PER DISTURBED ACRE OF DRAINAGE AREA. WHERE NO SUCH CALCULATION HAS BEEN PERFORMED, THE MINIMUM CAPACITY OF THE BASIN SHALL BE 3,600 CUBIC FEET PER DISTURBED ACRE OF CONTRIBUTING DRAINAGE AREA.

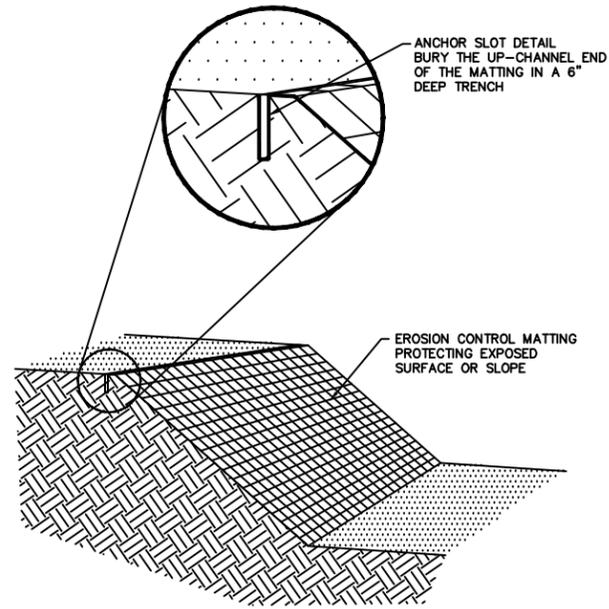
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**Rowlett** CITY OF ROWLETT, TEXAS  
DEPARTMENT OF PUBLIC WORKS

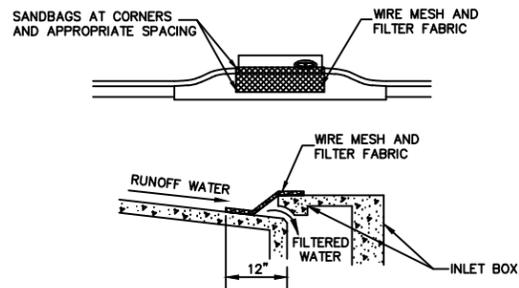
STANDARD CONSTRUCTION DETAILS  
STORM DRAINAGE

EROSION & SEDIMENTATION CONTROL  
(SHEET 1 OF 2)

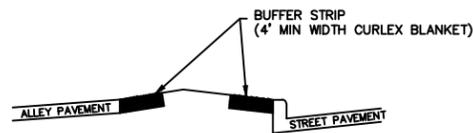
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EROSION CONTROL MATTINGS



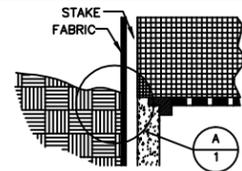
SEDIMENT BARRIER AT INLETS



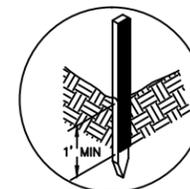
EROSION CONTROL BUFFER STRIP

GENERAL NOTES – EROSION CONTROL MATTINGS

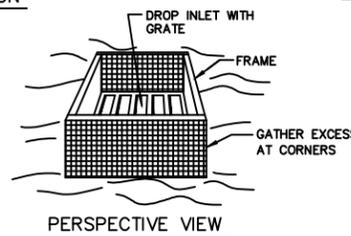
1. EROSION CONTROL SHALL COMPLY WITH THE LATEST EDITION OF THE NCTCOG.
2. STRIPS OF MATTING SHALL BE INSTALLED PARALLEL TO THE DIRECTION OF FLOW OVER THE SURFACE WHICH IS TO BE PROTECTED.
3. THE UP-CHANNEL END OF THE MATTING SHALL BE BURIED IN A TRENCH MEASURING 6 INCHES DEEP AND 6 INCHES WIDE FOR THE ENTIRE WIDTH OF THE END. THE SOIL SHALL BE BACKFILLED INTO THE TRENCH AND TAMPED FIRMLY. STAPLES SHALL BE PLACED EVERY 12 INCHES ALONG THE END OF THE MATTING.
4. EDGES OF ADJACENT STRIPS OF MATTING SHALL BE OVERLAPPED A MINIMUM OF 4 INCHES AND SHALL BE STAPLED EVERY 3 FEET ALONG THE OVERLAP.
5. WHEN JOINING STRIPS OF MATTING END TO END, A TRENCH SIMILAR TO THE ONE DUG AT THE BEGINNING OF THE ORIGINAL STRIP SHALL BE DUG WITH THE UP-CHANNEL END OF THE NEW STRIP BEING PLACED IN A LIKE MANNER IN THE TRENCH AS THE BEGINNING END OF THE ORIGINAL STRIP, THE END OF THE STRIP BEING FOLDED UNDER AT LEAST 12 INCHES. STAPLES SHALL BE INSTALLED AT 12 INCH INTERVALS ALONG THE WIDTH OF THE STRIP NOT MORE THAN 6 INCHES FROM THE TRENCH.
6. IN SITUATIONS WHERE ERODIBLE SOILS, STEEP SLOPES, OR HIGH VELOCITY FLOWS ARE ENCOUNTERED, A FOLD OF THE MATTING SHALL BE INSERTED INTO A 6 INCH TRENCH AND TAMPED FIRMLY. STAPLES SHALL BE INSTALLED AT 12 INCH INTERVALS ALONG THE TRENCH.
7. STAPLES FOR ANCHORING SOIL STABILIZING MATERIALS SHALL BE MADE OF 10 GAUGE WIRE OR HEAVIER. THEY SHALL BE 6 TO 10 INCHES IN LENGTH, WITH THE LONGER STAPLES BEING USED IN LOOSE OR UNSTABLE SOILS. THERE SHALL BE ONE STAPLE FOR EACH FOUR (4) SQUARE FEET OF MATTING TO ASSURE PROPER BONDING BETWEEN THE SOIL AND THE MAT MATERIAL.



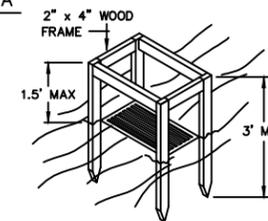
ELEVATION OF STAKE AND FABRIC ORIENTATION



DETAIL A



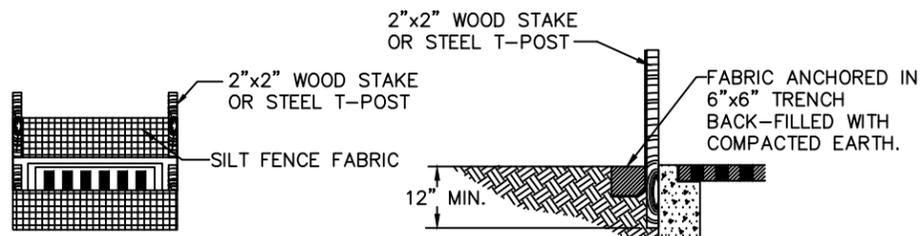
PERSPECTIVE VIEW



PERSPECTIVE VIEW

SPECIFIC APPLICATION:

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPE NO GREATER THAN 5%) WHERE THE INLET SHEET OR OVERLAND FLOWS (NOT TO EXCEED 1 cfs) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREETS OR HIGHWAY MEDIANS.



I. STANDARD INSTALLATION

II. ALTERNATE INSTALLATION

INLET PROTECTION FILTER BARRIER

REV.	COMMENTS	BY	DATE

**Rowlett** CITY OF ROWLETT, TEXAS  
 TEXAS DEPARTMENT OF PUBLIC WORKS

STANDARD CONSTRUCTION DETAILS  
 STORM DRAINAGE

EROSION & SEDIMENT CONTROL  
 (SHEET 2 OF 2)

DESIGN:	SCALE:	PROJECT NO.	SHEET
DRAWN:	NOTED		SD-21
CHECKED:	DATE:		

**Duralight - Internally Illuminated LED Street Name Sign Specifications**

The sign body shall be light weight for easy installation and made of aluminum. All hardware shall be stainless steel.

The standard sign assembly height is 22" with standard widths of:

- 72 inches (6 foot)
- Maximum length 96 inches (8 foot)

**Letter Size:** Initial Upper Case 10 inches, lower case 8 inches and 4 inch block numbers. Single sided signs.

Different sizes for special sign requirement are also available upon request. **All signs shall be 3 maximum of thickness.**

The maximum weight of the sign (without mounting hardware) should not exceed 70 lbs. for the 96-inch, 40 lbs. for 72 inches, and 15 lbs. for 48 inches signs.

Drain holes shall be positioned on the bottom of the sign to allow the draining of any water condensation in the enclosure.

**The finish of the aluminum sign assembly shall be powder coated per request of the city.**

A quality assurance program meeting MIL-STD-883 at the factory of the manufacturer is preferred.

The Sign face shall be made of strong polycarbonate material with UV and abrasion resistance.

Sheeting, including material and grades, shall be approved by end users before cutting. Letterings, including font and spelling, shall be reviewed and approved before making the signs.

**The entire surface of the sign panel must be evenly illuminated with a minimum average brightness reading at the letters of 330 candelas per square meter cd/m<sup>2</sup> (31 candelas per square foot).**

**The manufacturer shall have a minimum six (6) years of experience in the manufacturing of traffic related products LED traffic control related products, and shall be ISO 9001-2000 International Quality System certified.**

**Maintenance:** The sign shall be designed in a way that the replacement of sign face sheeting can be performed in the field without the need to remove the sign.

**The sign shall be designed in a way that the replacement of LED modules can be performed in the field without the need to remove the sign in case any LED on the sign is burned out.**

The sides of the sign assembly facing traffic shall have removable faces mounted in an aluminum U-channel cover that is tightened at the bottom. The frame for these sides shall be of one-piece construction.

Letter Spacing and Width: All letter and spacing shall be in compliance with minimum recommendation. Letters/Legends requiring lengths in excess of the maximum size of the sign face shall be adjusted, condensing the letters/legend to fit the sign.

The sign assembly, including the sign panel and mounting assemblies shall be designed, tested, and constructed so that no permanent deformation, warping, or failure will occur when subjected to 110 mph wind loads.

The sign shall be equipped with solid-state high power white LED light strips utilizing state-of-the-art hi-flux LED's with an efficient heat-dissipating feature.

LED light engine maximum power values shall not exceed 100 W for a 6-ft. sign that is illuminated on both sides and 135 W for an 8 ft. sign illuminated on both sides.

The LED light strip modules shall have a power supply regulating the voltage and current to preserve the life of the LED's. The sign shall operate on 120 VAC (nominal). The sign shall be able to operate over the temperature range of -40°C to +74°C.

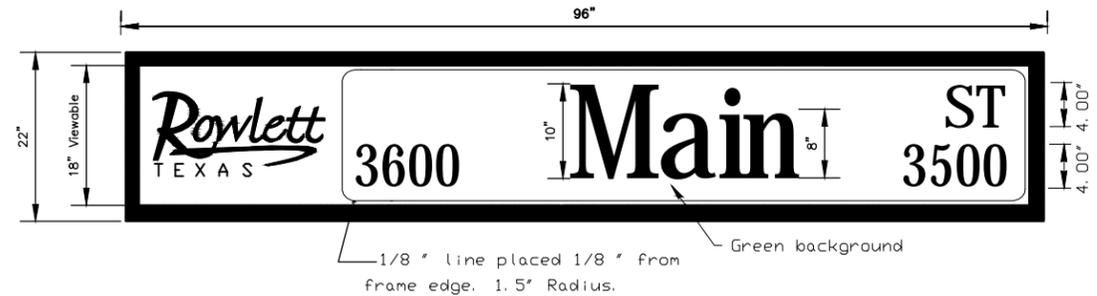
Life expectancy of the LED sign shall be a minimum of 100,000 hours with a 50% duty cycle.

A secondary reflecting device shall be installed at the top and bottom edges of the sign to help spread the light evenly over the sign face.

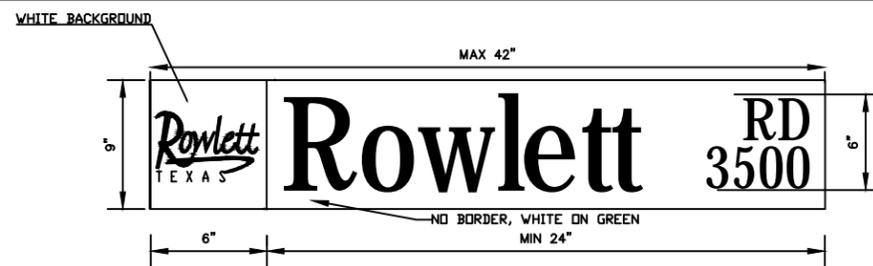
Mast arm mounting brackets shall be included with each sign.

A photo cell shall be provided, if requested, for each sign for on and off electrical switching control of the sign.

Manufacturer shall provide a minimum of three (3) years warranty on the LED sign.



ILLUMINATED STREET SIGN



NOTES:

- CONTRACTOR SHALL PLACE SIGNS IN CONFORMANCE WITH THE CURRENT "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS".
- BLOCK NUMBERS (CARDINAL DIRECTION) SHALL BE INCLUDED ON SIGNS AND VERIFIED PRIOR TO SIGN FABRICATION.
- CONTRACTOR SHALL SUBMIT THE SIGN DESIGN TO THE CITY OF ROWLETT FOR APPROVAL PRIOR TO SIGN FABRICATION.
- ALPHABETS AND LATERAL SPACING BETWEEN LETTERS AND NUMERALS SHALL CONFORM WITH THE STATE OF TEXAS "STANDARD HIGHWAY SIGN DESIGNS, 2010", LATEST EDITION AND ANY APPROVED CHANGES THERETO.
- LATERAL SPACING OF TEXT SHALL BE AS TO PROVIDE A BALANCED APPEARANCE.
- SIGN BACKGROUNDS SHALL BE OF FLAT SURFACE REFLECTIVE SHEETING (TYPE IX SHEETING) CONFORMING WITH THE CITY OF ROWLETT SPECIFICATIONS.
  - SIGN LEGENDS SHALL BE APPLIED USING E. C. FILM ONLY.
  - SHEETING AND EC FILM MUST BE FROM MATCHING SIGNING SYSTEM (3M).
- SIGN BLANKS SHALL BE 9" AND MADE OF EXTRUDED ALUMINUM 0.125" THICK.
- CITY OF ROWLETT LOGO STICKER (6" X 9") WILL BE PROVIDED TO THE CONTRACTOR BY THE CITY.
- CONTRACTOR SHALL CONTACT WADE WILLIAMS WITH THE CITY OF ROWLETT (972-412-6168) TO OBTAIN LOGOS AND VERIFY THE PLACEMENT OF LOGO ON THE STREET NAME SIGN AT COST TO THE CONTRACTOR .
- ALL FOUR-SIDED SIGNS SHALL HAVE 1.5-INCH RADIUS CORNERS. ALL SIGNS SHALL BE EC FILM OVER TYPE XI (DG3) SHEETING. ALL SIGN SIZES AND FONTS SHALL CONFORM TO CURRENT TEXAS MUTCD. ALL GROUND MOUNTED SIGNS SHALL BE GALVANIZED 12-GAUGE GROUND MOUNTED SIGN SYSTEMS. THE SYSTEM SHALL CONSIST OF THE FOLLOWING THREE ELEMENT:
  - 12-FOOT LONG 2-3/8" INCH ROUND POLES WITH HOLES.
  - 30-INCH LONG ROUND BASE

NON-ILLUMINATED STREET SIGN

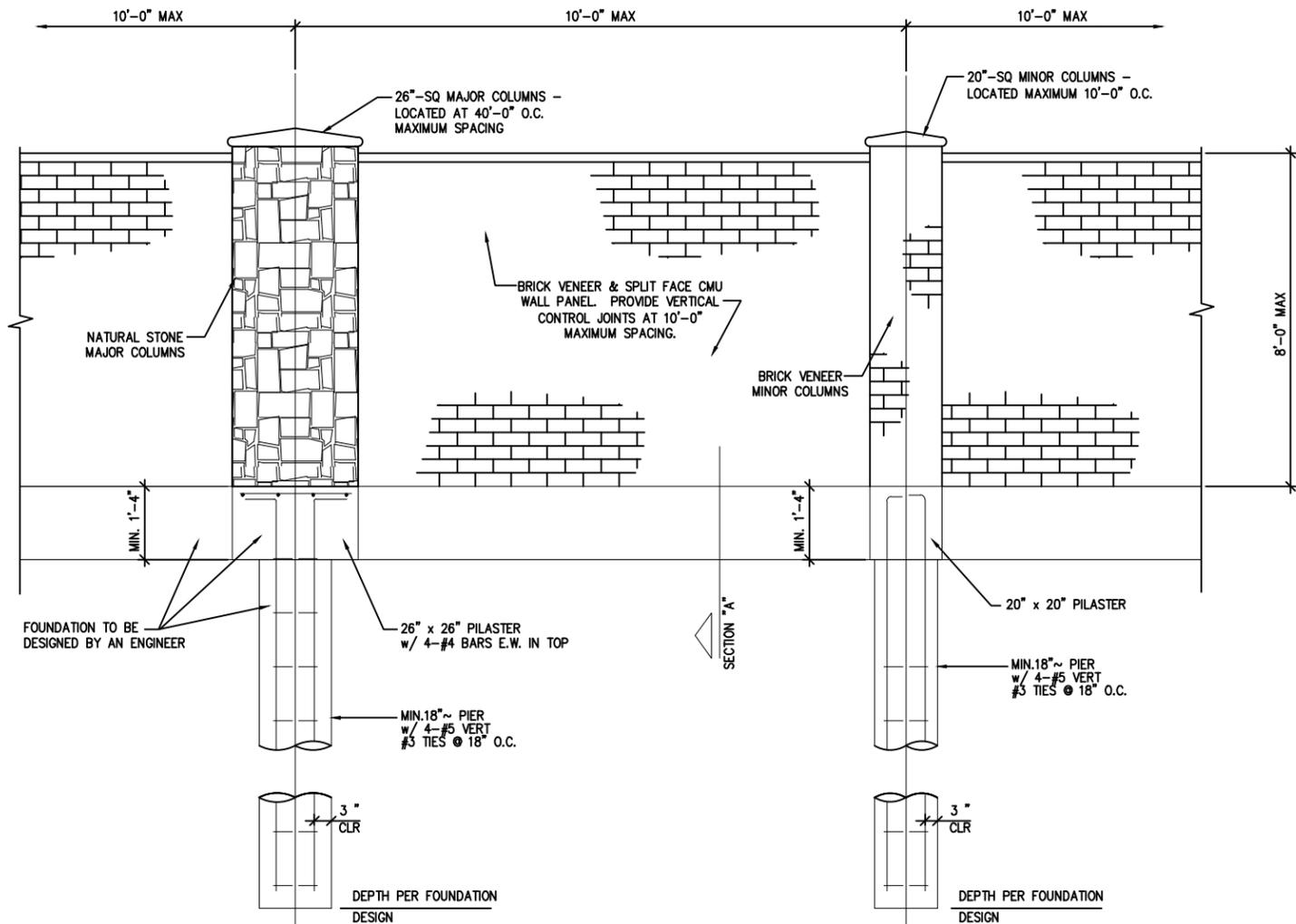
REV.	COMMENTS	BY	DATE



STANDARD CONSTRUCTION DETAILS

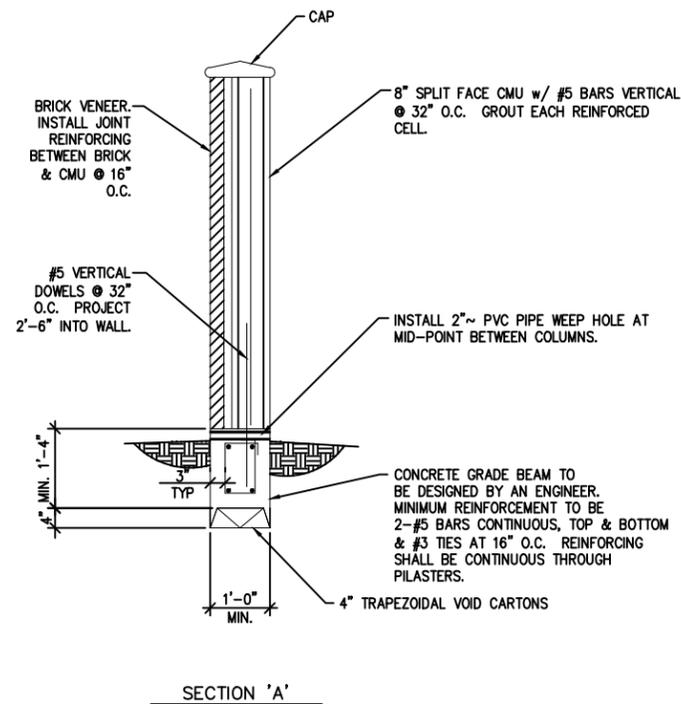
STREET SIGNS

DESIGN:	SCALE:	PROJECT NO.	SHEET
DRAWN:	NOTED		SD-22
CHECKED:	DATE:		

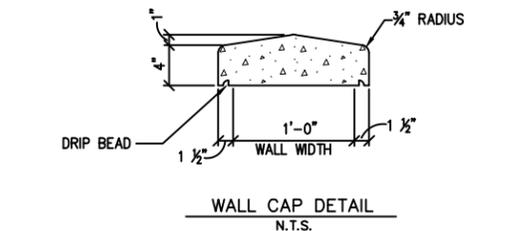


TYPICAL SCREEN WALL ELEVATION

N.T.S.

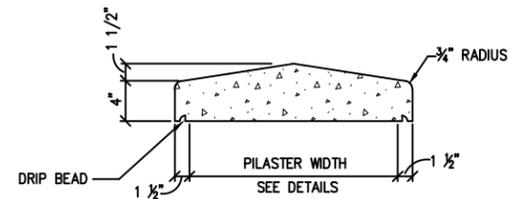


SECTION 'A'



WALL CAP DETAIL

N.T.S.



PILASTER CAP DETAIL

N.T.S.

**GENERAL PROVISIONS**

VERIFY AND ESTABLISH DIMENSIONS, CLEARANCES, AND FIELD CONDITIONS INCLUDING THE LOCATION OF UTILITIES PRIOR TO THE START OF DEMOLITION, EXCAVATION AND FABRICATION. COORDINATE CONSTRUCTION WITH ALL TRADES INVOLVED ON THE PROJECT.

DRAWINGS SHOW TYPICAL CONSTRUCTION REQUIREMENTS BASED ON AVAILABLE INFORMATION. IF FIELD CONDITIONS DIFFER FROM THOSE SHOWN ON THE DRAWINGS, SUBMIT PROPOSED MODIFICATIONS TO D&E STRUCTURES FOR REVIEW BEFORE PROCEEDING.

**DESIGN CRITERIA**

DESIGN CODES AND SPECIFICATIONS

DESIGN SHALL CONFORM TO MINIMUM SPECIFICATIONS AS OUTLINED IN ORDINANCE NO. 7-20-99.

ICC, INTERNATIONAL BUILDING CODE, 2003 EDITION  
 ASCE, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES. SEI/ASCE 7-02.  
 ACI, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE. ACI 318-02/318R-02.  
 ACI, BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES. ACI 530-02.

DESIGN LOADS

WIND LOADS IBC 2003 EDITION, SEI/ASCE 7-02.

BASIC WIND SPEED .....90 MPH  
 IMPORTANCE FACTOR.....1.0  
 EXPOSURE CATEGORY.....B  
 CALCULATED WIND PRESSURE .....12 PSF  
 SPECIFIED WIND PRESSURE .....24 PSF - GOVERNS

**CONCRETE**

ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE ACI BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND THE ACI SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS.

ALL POURED IN PLACE CONCRETE SHALL:

DEVELOP 3000 PSI COMPRESSIVE STRENGTH IN 28 DAYS.  
 BE MADE WITH TYPE I OR II CEMENT.  
 CONTAIN 5 PERCENT ENTRAINMENT AIR.

DELIVERY OF TRANSIT MIXED CONCRETE SHALL CONFORM TO ASTM C94.

**MASONRY**

ALL MASONRY WORK SHALL CONFORM TO CHAPTER 21 OF THE IBC, THE BRICK INSTITUTE OF AMERICA 'RECOMMENDED PRACTICE FOR ENGINEERED BRICK MASONRY', AND THE AMERICAN CONCRETE INSTITUTE 'SPECIFICATION' & 'BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530.1-02 & ACI 530.1-02).

COMPLETELY FILL ALL HEAD AND BED JOINTS WITH MORTAR. JOINTS ARE TO BE TOOLED CONCAVE OR CUT FLUSH.

FILL ALL CAVITIES WITHIN COLUMNS SOLIDLY WITH 2500 PSI CONCRETE GROUT.

BRICK SHALL HAVE A UNIT COMPRESSIVE STRENGTH ON GROSS AREA EXCEEDING 6500 PSI. F'm = 2600 PSI.

CMU SHALL HAVE A UNIT COMPRESSIVE STRENGTH ON GROSS AREA EXCEEDING 1900 PSI. F'm = 1500 PSI.

MORTAR MIX SHALL BE TYPE S, ASTM C270. PROPORTIONS SHALL BE BY VOLUME AS FOLLOWS:  
 1 PART PORTLAND CEMENT  
 1/4 PART LIME  
 3 1/4 PARTS DAMP LOOSE MORTAR SAND

THE USE OF MASONRY CEMENT IS PROHIBITED. USE ONLY PORTLAND CEMENT AND LIME OR MORTAR CEMENT.

**REINFORCING STEEL**

ALL REINFORCING BARS SHALL BE ASTM A615 GRADE 60, EXCEPT #3 BARS MAY BE GRADE 40.

MASONRY JOINT REINFORCEMENT SHALL BE ASTM A951, LADDER OR TRUSS TYPE, WITH THREE 9 GAGE LONGITUDINAL WIRES.

FABRICATE AND PLACE REINFORCEMENT PER ACI 315 AND THE CRSI "RECOMMENDED PRACTICE FOR PLACING REINFORCING BARS."

PROVIDE ALL ACCESSORIES NECESSARY TO SUPPORT REINFORCING IN THE POSITIONS SHOWN.

**MATERIAL COLORS**

BRICK: HANSON PROVIDENCE BRICK  
 GROUT: STONE PILASTER (BUFF WHITE)  
 BRICK (STANDARD GRAY)  
 CAP: BUFF WHITE  
 STONE: HAND-CUT LIMESTONE, CLASSIFICATION III (HIGH DENSITY) PER ASTM C 568 - (DENSITY: 150 LB/CU. FT.(2400kg/cu. m), ABSORPTION BY WEIGHT: 5 PERCENT MAXIMUM, MODULUS OF RUPTURE: 800 PSI (5.5 MPa) MINIMUM)

**SPECIAL DESIGN NOTE:**

THE FOUNDATION AND STRUCTURAL DESIGN OF THE SCREENING WALL SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF TEXAS. THIS DESIGN SHALL BE SUBMITTED AS A SHOP DRAWING TO THE OWNER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION OF THE SCREENING WALL.

REV.	COMMENTS	BY	DATE

**Rowlett** CITY OF ROWLETT, TEXAS  
 TEXAS DEPARTMENT OF PUBLIC WORKS

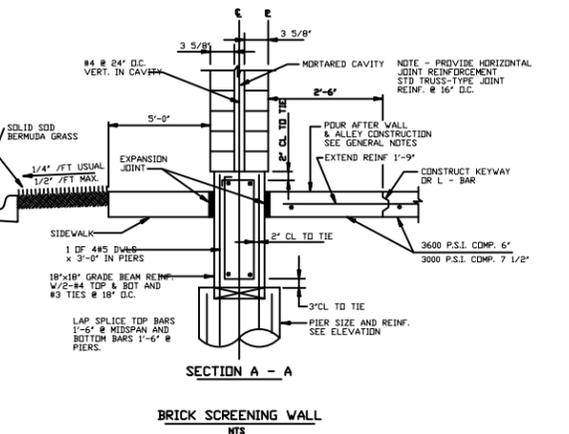
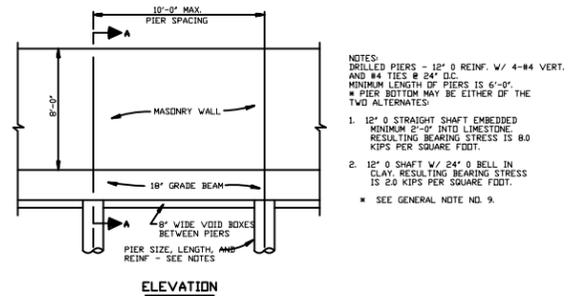
STANDARD CONSTRUCTION DETAILS  
 SCREENING WALL

SCREENING WALL DETAILS  
 SHEET 1 OF 2

DESIGN:	SCALE:	PROJECT NO.	SHEET
DRAWN:	DATE:		SD-23
CHECKED:	10-2013		

**GENERAL NOTES**

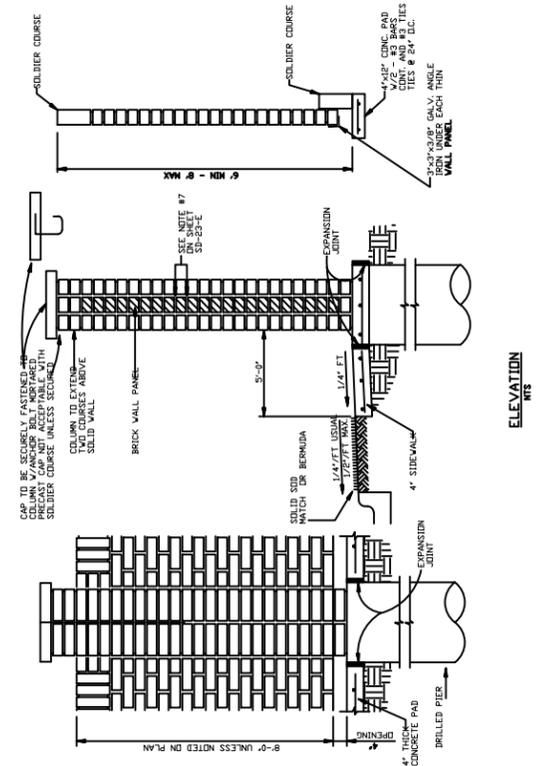
1. CONCRETE - MINIMUM STRENGTH, 4000 P.S.I. @ 28 DAYS.
2. REINFORCEMENT - ASTM A 36.
3. MASONRY - COMPRESSIVE STRENGTH SHALL BE ACHIEVED AS PRESCRIBED BY MSJC SPECIFICATION IN SECTION 1.4B AND THE INTERNATIONAL BUILDING CODE UTILIZING ASTM C-270 AND ASTM C-780 BY UTILIZING ASTM GUIDE C-1586, 2000 PSI MIN. THE STRUCTURAL ENGINEER MAY REQUIRE ADDITIONAL COMPRESSIVE STRENGTH.
4. WIND LOAD - 20 P.S.F.
5. PIER BEARING STRESSES - SEE BRICK SCREENING WALL NOTES.
6. MORTAR - TYPE 'S'.
7. PROVIDE CONTROL JOINTS @ 50 FEET.
8. PROVIDE EXPANSION JOINTS @ 200 FEET ON CENTER MAXIMUM.
9. WHERE THERE IS NO ALLEY PAVEMENT, PROVIDE MINIMUM 9 FEET IN CLAY DR 6'-0" MINIMUM WITH 3'-0" MINIMUM INTO ROCK.
10. ALL EXPOSED CONCRETE SHALL HAVE A RUBBED FINISHED SURFACE.
11. SIDEWALKS ADJACENT TO WALLS MUST BE 5'-0" MINIMUM WIDTH FROM ALL PORTIONS OF THE WALL (INCLUDING PILASTERS, COLUMNS, ETC.).
12. MAXIMUM PILASTER SPACING 40 FEET.
13. WALLS ON THE LINE OF SIGHT EASEMENT AT CORNERS, WILL NOT HAVE A TOP ELEVATION GREATER THAN 30" ABOVE THE NEAREST GUTTER ELEVATION.
14. THE WALL SHALL BE EIGHT FEET IN HEIGHT AS MEASURED FROM THE NEAREST ALLEY EDGE OR SIDEWALK GRADE, WHICHEVER IS HIGHER. THE COLOR OF THE WALL SHALL BE LIMITED TO EARTH-TONE COLORS, EXCLUDING GRAY, GREEN AND WHITE. THE COLOR OF THE WALL SHALL BE UNIFORM ON EACH SIDE OF A THROUGHFARE FOR THE ENTIRE LENGTH BETWEEN TWO INTERSECTING THROUGHFARES, UNLESS OTHERWISE APPROVED BY THE ENGINEERING DEPARTMENT. THE FINISH OF THE WALL SHALL BE CONSISTENT ON ALL SURFACES.



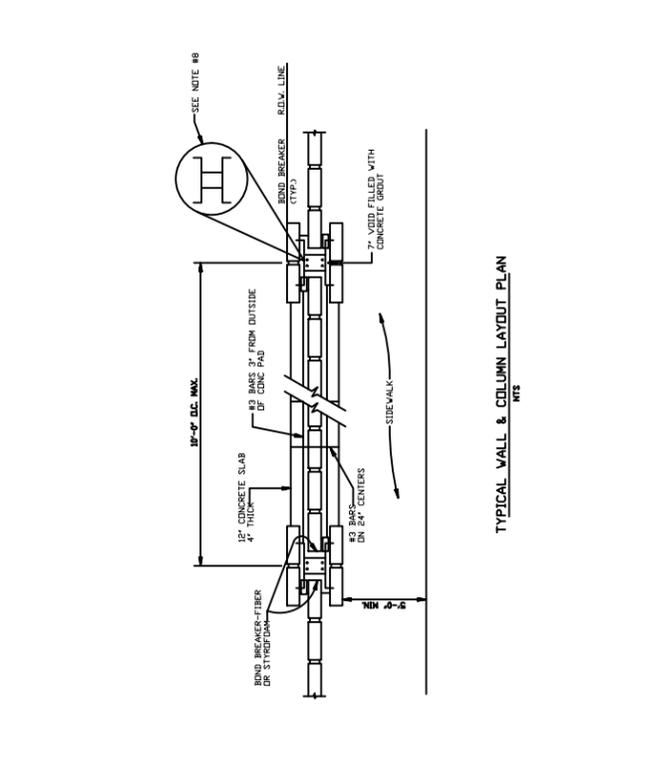
- NOTES:
1. DRILLED PIERS - 12" Ø REINF. W/ 4-#4 VERT. AND #4 TIES @ 24" O.C. MINIMUM LENGTH OF PIERS IS 6'-0". PIER BOTTOM MAY BE EITHER OF THE TWO ALTERNATES.
  2. 12" Ø STRAIGHT SHAFT EMBEDDED MINIMUM 2'-0" INTO LIMESTONE. RESULTING BEARING STRESS IS 8.0 KIPS PER SQUARE FOOT.
  3. 12" Ø SHAFT W/ 24" Ø BELL IN CLAY. RESULTING BEARING STRESS IS 2.0 KIPS PER SQUARE FOOT.
- \* SEE GENERAL NOTE NO. 9.

CITY OF ROWLETT DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION	GENERAL NOTES BRICK SCREENING WALLS	STANDARD CONSTRUCTION DETAILS		
		DATE: MARCH 2013	REV DATE: MARCH 2013	SHEET: SD-23-A

CITY OF ROWLETT DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION	BRICK SCREENING WALL	STANDARD CONSTRUCTION DETAILS		
		DATE: MARCH 2013	REV DATE: MARCH 2013	SHEET: SD-23-B



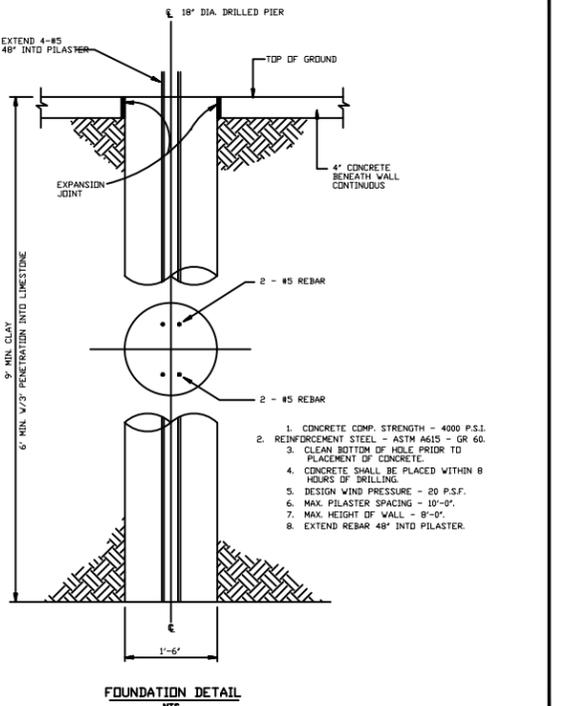
CITY OF ROWLETT DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION	ELEVATION BRICK SCREENING WALL	STANDARD CONSTRUCTION DETAILS		
		DATE: MARCH 2013	REV DATE: MARCH 2013	SHEET: SD-23-C



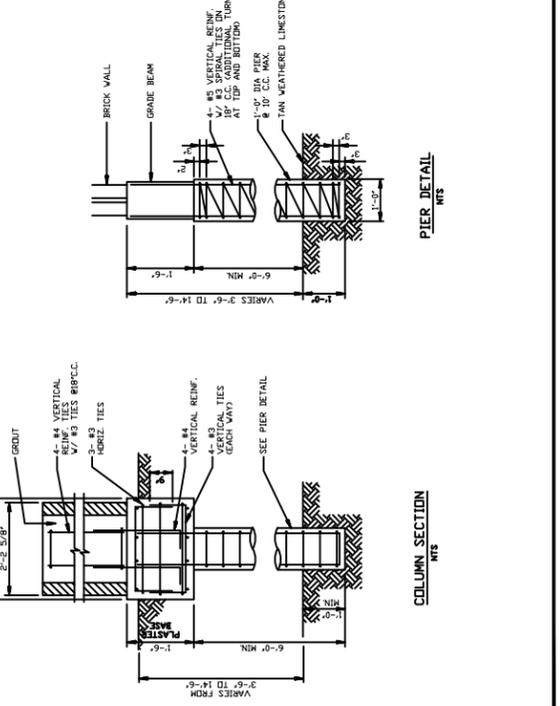
CITY OF ROWLETT DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION	TYPICAL WALL & COLUMN LAYOUT PLAN BRICK SCREENING WALL	STANDARD CONSTRUCTION DETAILS		
		DATE: MARCH 2013	REV DATE: MARCH 2013	SHEET: SD-23-D

**GENERAL NOTES**

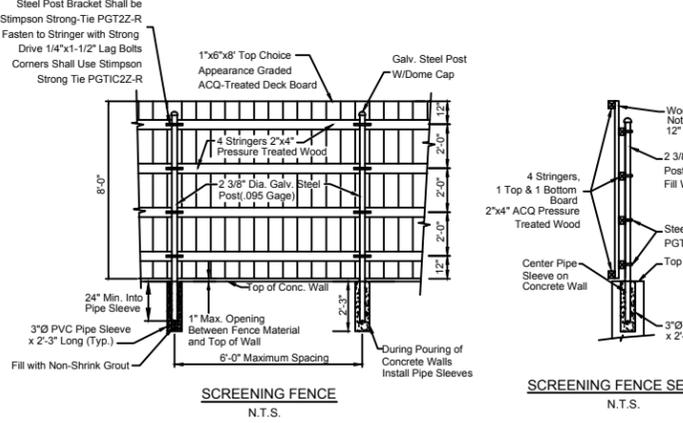
1. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 P.S.I. AT 28 DAYS.
2. REINFORCING STEEL SHALL BE NEW BILLET STEEL CONFORMING TO THE REQUIREMENTS OF ASTM A-615-GR.60.
3. CONCRETE FOR DRILLED PIERS SHALL BE PLACED WITHIN 8 HOURS OF DRILLING PIER HOLES.
4. BRICK MASONRY SHALL BE AS SPECIFIED IN ITEM 2.3.6 OF THE SPECIAL PROVISIONS.
5. MORTAR SHALL BE TYPE 'S'.
6. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE "RECOMMENDED PRACTICE FOR ENGINEERED BRICK MASONRY" - BRICK INSTITUTE OF AMERICA.
7. USE #9 GAUGE 1 3/4" WIDE GALVANIZED LADDER WIRE TO EXTEND HORIZONTAL IN WALL PANEL DURAWALL CORP. FOR EVERY COURSE.
8. #9 GAUGE WIRE FABRICATED AS SHOWN BETWEEN EACH COURSE OF COLUMN BRICK.
9. THE WALL SHALL BE MIN SIX AND MAX EIGHT FT IN HEIGHT AS MEASURED FROM THE NEAREST ALLEY EDGE OR SIDEWALK GRADE, WHICHEVER IS HIGHER. THE COLOR OF THE WALL SHALL BE LIMITED TO EARTH-TONE COLORS, EXCLUDING GRAY, GREEN AND WHITE. THE COLOR OF THE WALL SHALL BE UNIFORM ON EACH SIDE OF A THROUGHFARE FOR THE ENTIRE LENGTH BETWEEN TWO INTERSECTING THROUGHFARES, UNLESS OTHERWISE APPROVED BY THE ENGINEERING DEPARTMENT. THE FINISH OF THE WALL SHALL BE CONSISTENT ON ALL SURFACES.
10. SCREENING WALLS SHALL BE LOCATED AT THE PROPERTY LINE. A HOME OWNERS ASSOCIATION WILL BE ESTABLISHED AND SHALL PROVIDE MAINTENANCE FOR THE REFERENCED WALL.



CITY OF ROWLETT DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION	FOUNDATION DETAIL SCREENING WALL	STANDARD CONSTRUCTION DETAILS		
		DATE: MARCH 2013	REV DATE: MARCH 2013	SHEET: SD-23-F



CITY OF ROWLETT DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION	COLUMN SECTION PIER DETAIL	STANDARD CONSTRUCTION DETAILS		
		DATE: MARCH 2013	REV DATE: MARCH 2013	SHEET: SD-23-G



- NOTE:
1. Slats & Post Adapters Shall Be Attached to Stringer Using Wood Screws (No Nails Allowed). Use 2" Coated Wood Screws - 2 per Stringer (8 Total Per Slat). All Fasteners Shall be Hot Dipped Galvanized or Other Approved Corrosion Resistant Material.
  2. All Wood Shall be ACQ-Pressure Treated Pine or Equal.
  3. All Metal Posts Shall be 2 3/8" I.D. (.095 Gauge) Standard Pipe Gangue Steel Posts. All Steel Shall be Hot Dip Galvanized.
  4. Details Show Acceptable Finish Surface. Wood Screen Designs May include Board on Board, Board & Batten, Solid Panel, or Other, Provided That in Any Case The Wood Screen is Visually Opaque. No. Gap of More Than 1/8" Between Slats

CITY OF ROWLETT DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION	WOOD PRIVACY FENCE DETAIL	STANDARD CONSTRUCTION DETAILS		
		DATE: 12/11/13	REV DATE:	SHEET: SD-23-H

REV.	COMMENTS	BY	DATE

**Rowlett CITY OF ROWLETT, TEXAS**  
DEPARTMENT OF PUBLIC WORKS

STANDARD CONSTRUCTION DETAILS  
SCREENING WALL

SCREENING WALL DETAILS  
SHEET 2 OF 2

DESIGN:	SCALE: NOTED	PROJECT NO.	SHEET
DRAWN:	DATE: 12-2013		SD-24
CHECKED:			



**City of Rowlett**  
**Staff Report**

4000 Main Street  
P.O. Box 99  
Rowlett, TX 75080-0099  
www.rowlett.com

**AGENDA DATE:** 01/07/14

**AGENDA ITEM:** 7D

**TITLE**

Consider action to approve a resolution accepting the bid of and awarding a contract to Phillip/May Corporation in an amount not to exceed \$1,979,240.83 (which includes \$512,070 for total alternatives and an early completion bonus of \$3,000) for the Downtown Improvement Project.

**STAFF REPRESENTATIVE**

Tim Rogers, Director of Infrastructure Services

Robbin Webber, Assistant Director of Infrastructure Services

**SUMMARY**

The purpose of this item is to accept a bid from and award a contract to Phillip/May Corporation for the construction of the improvements for the Downtown Improvement Project. The scope of work includes landscaping and irrigation improvements along Main Street, Martin Drive, Coyle Street and Industrial Street. The project also includes the extension of Martin Drive from Coyle Street to Main Street through the Developmental Services Building parking lot and the creation of the Pedestrian Plaza where the Farmer's Market was formerly located. This connection is important for several reasons. This connection will provide a vital pedestrian and vehicular linkage to the heart of the downtown area, ensuring a strategic plan that is conducive to transit oriented development as well as providing a clear visual focal point for visitors arriving/leaving the DART station. Since Phillip/May was not the lowest bidder, this item necessarily rejects the bid of the lowest bidder, The Fain Group, due to reference issues and prior experience with the City.

**BACKGROUND INFORMATION**

On April 14, 2005, the Regional Transportation Council approved \$40.61 million in grant funding for a Sustainable Development Call for Projects. The City of Rowlett submitted a Downtown Mixed Use Development Project for consideration by the North Central Texas Council of Governments (NCTCOG) and received \$1.6 million in grant funding. In 2009, the NCTCOG reallocated \$2.5 million from a previously funded DART park and ride location at Dalrock Road and Interstate 30 to the Downtown Mixed Use Project, since it was no longer a viable project.

Due to the President George Bush Turnpike (PGBT) eastern extension construction, NCTCOG granted the City numerous extensions to use the funds. Staff requested an extension to allow for the completion of the *Realize Rowlett 2020* downtown planning effort in order to ensure that any improvements made utilizing the grant funds would be in accordance with the proposed vision for downtown.

Per the previously approved Interlocal Agreement with NCTCOG, the subject grant funds can be used on the following eligible items, and only within City-owned right-of-way or easements – pedestrian amenities (sidewalks, cross walks, etc.), bicycle trails (construction of new/extended trails or connection to existing/planned trails, route signage, landscaping, lighting, egress from existing/planned trails), landscaping (installations of landscaping features along transportation facilities), bus transit (pedestrian shelters, pedestrian linkages to transit station, signage, passenger waiting areas, trash receptacles, landscaping), traffic signals (signal installation), intersection improvements, street construction (new construction, reconstruction or road realignments). The funds **cannot** be used on construction or rehab of private buildings, artwork, fountains, installation or rehab of water/sewer lines (with a few exceptions if it is necessary as part of the approved project element), parking garages, earthwork necessary to raise floodplain and other items not related directly to mobility.

## DISCUSSION

Notice to bidders was published in the Rowlett Lakeshore Times as well as posted on the City website on November 14 and 21, 2013. A Pre-Bid Meeting was not held. Sealed bids were received in the Purchasing Office until 2:00pm, December 10, 2013, and then publicly read aloud in the City Hall Conference Room, 4000 Main Street, Rowlett, Texas 75088 in accordance with Texas Local Government Code requirements.

A total of two bids were received by The Fain Group and Phillip/May Corporation (see attached Bid Tabulation Exhibit A). Phillip/May was the lowest bidder for the Total Base Bid. However, if the Alternate Bid is included, Phillip/May is the second lowest bidder. The difference between the low bidder and second bid is \$96,834.83 or 4.9 percent.

	<b>Low Base Bid</b>	<b>Total Base Bid</b>	<b>Low Alternate Bid</b>	<b>Alternate Bid</b>	<b>Low Total Bid</b>	<b>Total Bid</b>
The Fain Group		\$1,502,906.00	<b>X</b>	\$376,500.00	<b>X</b>	\$1,879,406.00
Phillip/May Corporation	<b>X</b>	\$1,464,170.83		\$512,070.00		\$1,976,240.83
<b>Difference in Bids</b>						\$96,834.83

The low bidder, The Fain Group, submitted qualification information as required by the project contract documents. However, based on reference checks and their previous performance on the City's Main Street project (which resulted in litigation by The Fain Group against the City), Staff recommends rejecting The Fain Group's bid and awarding the contract to the next lowest bidder, Phillip/May.

Phillip/May Corporation financials were reviewed by the Director of Financial and Information Services, Alan Guard, and confirms the organization's financial stability and its ability to complete the project. Kimley-Horn and Associates, Incorporated and City staff reviewed the

references and other qualification information submitted by the second low bidder, Phillip/May Corporation. The references are consistent and positive in nature to support the ability of Phillip/May Corporation to successfully complete the Downtown Improvement Project.

The project is a 150 calendar day project with an estimated completion of late June, 2014.

**FINANCIAL/BUDGET IMPLICATIONS**

Section 3.4.2 of the Contract Document has a provision to pay an early completion bonus of \$100.00 per day up to a maximum of \$3,000 and applying the maximum early completion bonus to the contract amount of \$1,976,240.83, yields a total project budget of \$1,979,240.83 to Phillip/May Corporation.

Funds are available for this project from the North Central Texas Council of Governments Grant as follows:

<b>Budget Account Number and/or Project Code</b>	<b>Account or Project Title</b>	<b>Budget Amount</b>	<b>Proposed Amount</b>
398-8201-524-80.01	SP2087 Downtown Transportation	\$1,856,005.76	\$1,856,005.76
407-8201-524-80.01	SP2087 Downtown Transportation	\$109,638.00	\$109,638.00
505-8201-524-80.01	SP2087 Downtown Transportation	\$395,001.36	\$13,597.07
<b>TOTAL</b>		<b>\$2,360,645.12</b>	<b>\$1,979,240.83</b>

**RECOMMENDED ACTION**

Staff recommends approving a resolution accepting the bid of and awarding a contract to Phillip/May Corporation in the amount of \$1,976,240.83 for the Downtown Improvement Project and up to, but not to exceed, \$1,979,240.83.

**RESOLUTION**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ROWLETT, TEXAS, ACCEPTING THE BID OF AND AWARDING A CONSTRUCTION CONTRACT TO PHILLIP/MAY CORPORATION IN THE AMOUNT OF \$1,979,240.83 FOR THE DOWNTOWN IMPROVEMENT PROJECT; AUTHORIZING THE MAYOR TO EXECUTE THE CONTRACT ON THE CITY’S BEHALF; AUTHORIZING THE ISSUANCE OF PURCHASE ORDERS PURSUANT TO APPROVAL; AND, PROVIDING AN EFFECTIVE DATE.**

**WHEREAS**, it is necessary to construct the Downtown Improvement Project for the Economic Development Department and the City of Rowlett; and

**WHEREAS**, the Purchasing Division has taken sealed bids as per bid #2014-20 and is recommending award to the second lowest qualified bid meeting specifications; and

**WHEREAS**, City staff and Kimley-Horn and Associates Incorporated representatives recommend that the contract be awarded to Phillip/May Corporation for its total base bid and total bid alternative; and

**WHEREAS**, the City Council of the City of Rowlett, Texas desire to accept said bid and award such contract to Phillip/May Corporation.

**NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ROWLETT, TEXAS:**

**Section 1:** That the City Council of the City of Rowlett does hereby accept the bid of and award a contract to Phillip/May Corporation in the amount of \$1,464,170.83 for the base bid plus \$512,070 for the total alternatives plus \$3,000 for the early completion bonus, resulting in a total bid of \$1,979,240.83 for the Downtown Improvement Project.

**Section 2:** That the City Council does hereby authorize the Mayor to execute the necessary documents after City Attorney approval, and authorize the issuance of purchase orders to conform to this resolution.

**Section 3:** This resolution shall be effective immediately upon its passage.

#### **ATTACHMENTS**

Exhibit A – Bid Tabulation

Exhibit B – Letter of Recommendation

CHECKED BY: *L. Nathan Ante*  
 L. Nathan Ante, P.E. 12/11/13

Owner: **City of Rowlett**  
 Job No.: **063923003**  
 Project: **Downtown Improvements**  
 Date: **December 10, 2013**

BIDDER 1	BIDDER 2
The Fain Group 1616 N. Sylvania Ave. Fort Worth, Texas 76111	Phillips/May Corporation 4861 Sharp Street Dallas, Texas 75247

Item No.	Item Description	Quantity	Unit	Unit Price	Item Cost	Unit Price	Item Cost
<b>Base Bid</b>							
<b>STREET CONSTRUCTION</b>							
1	MOBILIZATION	1	LS	\$186,000.00	\$186,000.00	\$50,488.00	\$50,488.00
2	GENERAL SITE PREPARATION	1	LS	\$26,000.00	\$26,000.00	\$109,980.00	\$109,980.00
3	CONCRETE/ASPHALT PAVEMENT REMOVAL	2,600	SY	\$16.00	\$41,600.00	\$10.53	\$27,378.00
4	CONCRETE SIDEWALK/PAVER REMOVAL	1,500	SY	\$16.00	\$24,000.00	\$21.28	\$31,920.00
5	VAULT REMOVAL	1	LS	\$950.00	\$950.00	\$1,170.00	\$1,170.00
6	REMOVE AND RELOCATE EXISTING AMENITIES	1	LS	\$1,800.00	\$1,800.00	\$1,170.00	\$1,170.00
7	PROJECT SIGN	2	EA	\$375.00	\$750.00	\$409.50	\$819.00
8	EARTHWORK	1	LS	\$38,000.00	\$38,000.00	\$1,170.00	\$1,170.00
9	TEMP EROSION AND SEDIMENT, AND WATER POLLUTION CONTROL (SWPPP)	1	LS	\$3,300.00	\$3,300.00	\$2,379.67	\$2,379.67
10	INLET PROTECTION	20	EA	\$68.00	\$1,360.00	\$128.70	\$2,574.00
11	SILT FENCE	1,000	LF	\$1.50	\$1,500.00	\$1.58	\$1,580.00
12	LIME TREATED SUBGRADE, 8" THICK	1,400	SY	\$4.00	\$5,600.00	\$4.98	\$6,972.00
13	HYDRATED LIME (45 LBS/SY)	32	TON	\$220.00	\$7,040.00	\$193.35	\$6,187.20
14	CONC PAVE, REINF, 8" CL P1/P2	1,200	SY	\$54.00	\$64,800.00	\$64.45	\$77,340.00
15	MONO 6" CONC CURB, 6" HIGH	1,100	LF	\$5.00	\$5,500.00	\$12.75	\$14,025.00
16	PAVERS ON CONCRETE BASE (VEHICULAR)	175	SY	\$102.00	\$17,850.00	\$56.87	\$9,952.25
17	REINF CONC STREET HEADER	800	LF	\$11.00	\$8,800.00	\$18.35	\$14,680.00
18	SAWCUT	1,300	LF	\$1.00	\$1,300.00	\$5.46	\$7,098.00
19	TRENCH SAFETY & EXCAV PROTECTION, STORM	15	LF	\$1.00	\$15.00	\$39.00	\$585.00
20	10' STANDARD CURB INLET	1	EA	\$2,500.00	\$2,500.00	\$3,767.80	\$3,767.80
21	REINF CONC PIPE, CL III, 18"	15	LF	\$100.00	\$1,500.00	\$84.28	\$1,264.20
22	TIE TO EXISTING STORM DRAIN SYSTEM	1	LS	\$950.00	\$950.00	\$3,159.00	\$3,159.00
23	5'X5' STD STORM DRAIN MANHOLE	1	EA	\$4,200.00	\$4,200.00	\$4,213.99	\$4,213.99
24	ADJUST STORM MANHOLE TO GRADE	4	EA	\$330.00	\$1,320.00	\$2,379.67	\$9,518.68
25	ADJUST EXISTING WATER VALVE TO GRADE	3	EA	\$350.00	\$1,050.00	\$585.00	\$1,755.00
26	1" WATER SERVICE FOR IRRIGATION	2	EA	\$6,200.00	\$12,400.00	\$1,872.00	\$3,744.00
27	ADJUST EXISTING SSMH TO GRADE	2	EA	\$330.00	\$660.00	\$2,379.67	\$4,759.34
28	TRAFFIC CONTROL	1	LS	\$25,000.00	\$25,000.00	\$2,340.00	\$2,340.00
29	FURNISH AND INSTALL SMALL ROADSIDE SIGN SUPPORTS & ASSY	1	LS	\$1,000.00	\$1,000.00	\$117.00	\$117.00
30	REFLECTIVE PAVE MRK TY 1, W, 4" SOLID	475	LF	\$1.50	\$712.50	\$1.41	\$669.75
31	REFLECTIVE PAVE MRK TY 1, W, 8" SOLID	60	LF	\$3.00	\$180.00	\$2.93	\$175.80
32	REFLECTIVE PAVE MRK TY 1, W, 12" SOLID	350	LF	\$5.00	\$1,750.00	\$4.39	\$1,536.50
33	REFLECTIVE PAVE MRK TY 1, W, 24" SOLID	46	LF	\$8.00	\$368.00	\$8.78	\$403.88
34	REFLECTIVE PAVE MRK TY 1, Y, 4" SLD	325	LF	\$1.50	\$487.50	\$1.47	\$477.75
35	STREET LIGHT FOUNDATION	4	EA	\$250.00	\$1,000.00	\$643.50	\$2,574.00
36	DECORATIVE LIGHT POLE, FIXTURE	4	EA	\$3,700.00	\$14,800.00	\$2,925.00	\$11,700.00
37	CONDT (PVC) (SCHD 40) (2")	370	LF	\$12.00	\$4,440.00	\$6.75	\$2,497.50
38	CONDT (PVC) (SCHD 40) (2") (BORE)	22	LF	\$20.00	\$440.00	\$14.38	\$316.36
39	ELEC CONDR (NO. 8) BARE	370	LF	\$1.00	\$370.00	\$0.86	\$318.20
40	ELEC CONDR (NO. 8) INSULATED	22	LF	\$2.00	\$44.00	\$1.11	\$24.42
41	GROUND BOX TY A (122311) W / APRON	4	EA	\$425.00	\$1,700.00	\$713.90	\$2,855.60
<b>PEDESTRIAN AMENITIES</b>							
42	CONC SW, REINF, 4" THICK, CL C	3,670	SY	\$55.00	\$201,850.00	\$44.85	\$164,599.50
43	BARRIER FREE RAMP & LANDING, CL C	19	EA	\$700.00	\$13,300.00	\$163.80	\$3,112.20
44	PAVERS ON CONCRETE BASE (PEDESTRIAN)	455	SY	\$100.00	\$45,500.00	\$55.81	\$25,393.55
45	DECOMPOSED GRANITE, 4" THICK	2,016	SY	\$22.00	\$44,352.00	\$17.55	\$35,380.80
46	PEDESTRAIN HANDRAIL	20	LF	\$100.00	\$2,000.00	\$54.54	\$1,090.80
47	CONCRETE STEPS	1	LS	\$350.00	\$350.00	\$819.00	\$819.00
<b>LANDSCAPING</b>							
48	CANOPY TREE (LIVE OAK) (65 GAL.)	2	EA	\$600.00	\$1,200.00	\$764.01	\$1,528.02
49	CANOPY TREE (CHINESE PISTACHE) (65 GAL.)	98	EA	\$560.00	\$54,880.00	\$764.01	\$74,872.98
50	CANOPY TREE (RED OAK) (65 GAL.)	17	EA	\$600.00	\$10,200.00	\$764.01	\$12,988.17
51	CANOPY TREE (DESERT WILLOW) (65 GAL.)	10	EA	\$615.00	\$6,150.00	\$764.01	\$7,640.10
52	ACCENT TREE (VITEX) (30 GAL.)	7	EA	\$290.00	\$2,030.00	\$764.01	\$5,348.07
53	ACCENT TREE (YAUPON HOLLY) (30 GAL.)	1	EA	\$300.00	\$300.00	\$764.01	\$764.01
54	SHRUB (CARISSA HOLLY) (3 GAL.)	285	EA	\$16.00	\$4,560.00	\$37.44	\$10,670.40
55	SHRUB (POPCORN DRIFT ROSE) (3 GAL.)	159	EA	\$18.00	\$2,862.00	\$37.44	\$5,952.96
56	SHRUB (HAMELN FOUNTAIN GRASS) (1 GAL.)	592	EA	\$7.00	\$4,144.00	\$12.87	\$7,619.04
57	SHRUB (KNOCK OUT ROSE) (3 GAL.)	342	EA	\$16.00	\$5,472.00	\$37.44	\$12,804.48
58	SHRUB (MEXICAN FEATHER GRASS) (1 GAL.)	34	EA	\$8.00	\$272.00	\$12.87	\$437.58
59	SHRUB (PURPLE SKULL CAP) (1 GAL.)	57	EA	\$9.00	\$513.00	\$12.87	\$733.59
60	SHRUB (WEEPING LOVE GRASS) (1 GAL.)	1,453	EA	\$6.00	\$8,718.00	\$12.87	\$18,700.11
61	SHRUB (RED YUCCA) (5 GAL.)	123	EA	\$28.00	\$3,444.00	\$37.44	\$4,605.12
62	SHRUB (DWARF YAUPON HOLLY) (3 GAL.)	178	EA	\$17.00	\$3,026.00	\$37.44	\$6,664.32
63	GARDEN (DAYLILY) (1 GAL.)	1,568	SF	\$6.00	\$9,408.00	\$12.87	\$20,180.16
64	GARDEN (NEW GOLD LANTANA) (1 GAL.)	763	SF	\$4.00	\$3,052.00	\$12.87	\$9,819.81
65	GARDEN (JAPANESE SPURGE) (1 GAL.)	1,337	SF	\$10.00	\$13,370.00	\$12.87	\$17,207.19
66	GROUND COVER (SEASONAL COLOR) (4" POT)	596	SF	\$2.00	\$1,192.00	\$2.11	\$1,257.56
67	GROUND COVER (LILY TURF) (1 GAL.)	1,032	SF	\$7.00	\$7,224.00	\$12.87	\$13,281.84
68	MULCH (3")	1,000	SY	\$9.00	\$9,000.00	\$74.88	\$74,880.00
69	TURF (BERMUDA SOD WITH 4" TOPSOIL)	25,000	SF	\$0.95	\$23,750.00	\$0.99	\$24,750.00
70	TURF (BERMUDA HYDROMULCH WITH 4" TOPSOIL)	25,000	SF	\$0.65	\$16,250.00	\$0.58	\$14,500.00
71	STEEL EDGING	200	LF	\$6.00	\$1,200.00	\$19.89	\$3,978.00
72	TREE GRATE (4'X4')	27	EA	\$1,300.00	\$35,100.00	\$1,415.70	\$38,223.90
73	TREE GRATE (6'X6')	48	EA	\$2,400.00	\$115,200.00	\$1,911.20	\$91,737.60
74	BRICK VENEER PLANTER WALL	2	EA	\$31,000.00	\$62,000.00	\$26,617.50	\$53,235.00
75	IRRIGATION SYSTEM (COMPLETE-IN-PLACE)	1	LS	\$78,000.00	\$78,000.00	\$73,738.08	\$73,738.08
<b>CONTINGENCY</b>							
78	CONTINGENCY AS DIRECTED BY OWNER	1	LS	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00
<b>Total Base Bid</b>					<b>\$1,502,906.00</b>	<b>\$1,464,170.83</b>	

<b>Bid Alternate</b>							
A1	FURNISH AND INSTALL SILVA CELL	21,000	CF	\$17.00	\$357,000.00	\$23.00	\$483,000.00
A2	REMOVAL AND REPLACEMENT OF EXISTING PAVEMENT FOR SILVA CELL INSTALLATION	300	SY	\$65.00	\$19,500.00	\$96.90	\$29,070.00
<b>Total Bid Alternate</b>					<b>\$376,500.00</b>	<b>\$512,070.00</b>	

<b>Total Base Bid + Bid Alternate</b>					<b>\$1,879,406.00</b>	<b>\$1,976,240.83</b>	
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December 23, 2013

*Via Email*

■  
Suite 275  
2201 West Royal Lane  
Irving, Texas  
75063-3206

Mr. Jim Proce  
Director of Public Works & Development  
City of Rowlett  
3901 Main Street  
Rowlett, TX 75088

Re: Downtown Improvements  
Bid Results  
Bid # 2014-20

Dear Jim:

On December 10, 2013, the City of Rowlett received bids for the Downtown Improvements project. The following two bids were received, and a detailed bid tabulation is attached for your review.

Contractor	Base Bid	Bid Alternate	Base Bid+Bid Alt
The Fain Group	\$1,502,906.00	\$376,500.00	\$1,879,406.00
Phillips/May Corporation	\$1,464,170.83	\$512,070.00	\$1,976,240.83

Kimley-Horn and Associates, Inc. has verified both Contractors' bonding companies are licensed in the State of Texas. Kimley-Horn also requested references, experience records, financial statements, and a tentative project schedule from each, and they were reviewed by City staff and Kimley-Horn, and references contacted.

After consideration of prior litigation with the City in 2007 relating to the previous Main Street project, and past performance-related issues, the City is rejecting The Fain Group's bid. Therefore, Phillips/May Corporation appears to be the lowest responsible bidder in the amount of \$1,976,240.83 (Base Bid+Bid Alt).

If you have any questions or comments, please let me know.

Very truly yours,

KIMLEY-HORN AND ASSOCIATES, INC.

A handwritten signature in blue ink that reads "L. Nathan Ante".

L. Nathan Ante, P.E.

LNA:jlj

Enclosure

K:\LAC\_Roadway\063923003\_Rowlett\_Downtown\ICCA\Rec Award Letter.doc

■  
TEL 214 420 5600  
FAX 214 420 5680

CHECKED BY: *L. Nathan Ante*  
 L. Nathan Ante, P.E. 12/11/13

Owner: **City of Rowlett**  
 Job No.: **063923003**  
 Project: **Downtown Improvements**  
 Date: **December 10, 2013**

BIDDER 1	BIDDER 2
The Fain Group 1616 N. Sylvania Ave. Fort Worth, Texas 76111	Phillips/May Corporation 4861 Sharp Street Dallas, Texas 75247

Item No.	Item Description	Quantity	Unit	Unit Price	Item Cost	Unit Price	Item Cost
<b>Base Bid</b>							
<b>STREET CONSTRUCTION</b>							
1	MOBILIZATION	1	LS	\$186,000.00	\$186,000.00	\$50,488.00	\$50,488.00
2	GENERAL SITE PREPARATION	1	LS	\$26,000.00	\$26,000.00	\$109,980.00	\$109,980.00
3	CONCRETE/ASPHALT PAVEMENT REMOVAL	2,600	SY	\$16.00	\$41,600.00	\$10.53	\$27,378.00
4	CONCRETE SIDEWALK/PAVER REMOVAL	1,500	SY	\$16.00	\$24,000.00	\$21.28	\$31,920.00
5	VAULT REMOVAL	1	LS	\$950.00	\$950.00	\$1,170.00	\$1,170.00
6	REMOVE AND RELOCATE EXISTING AMENITIES	1	LS	\$1,800.00	\$1,800.00	\$1,170.00	\$1,170.00
7	PROJECT SIGN	2	EA	\$375.00	\$750.00	\$409.50	\$819.00
8	EARTHWORK	1	LS	\$38,000.00	\$38,000.00	\$1,170.00	\$1,170.00
9	TEMP EROSION AND SEDIMENT, AND WATER POLLUTION CONTROL (SWPPP)	1	LS	\$3,300.00	\$3,300.00	\$2,379.67	\$2,379.67
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11	SILT FENCE	1,000	LF	\$1.50	\$1,500.00	\$1.58	\$1,580.00
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19	TRENCH SAFETY & EXCAV PROTECTION, STORM	15	LF	\$1.00	\$15.00	\$39.00	\$585.00
20	10' STANDARD CURB INLET	1	EA	\$2,500.00	\$2,500.00	\$3,767.80	\$3,767.80
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23	5'X5' STD STORM DRAIN MANHOLE	1	EA	\$4,200.00	\$4,200.00	\$4,213.99	\$4,213.99
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25	ADJUST EXISTING WATER VALVE TO GRADE	3	EA	\$350.00	\$1,050.00	\$585.00	\$1,755.00
26	1" WATER SERVICE FOR IRRIGATION	2	EA	\$6,200.00	\$12,400.00	\$1,872.00	\$3,744.00
27	ADJUST EXISTING SSMH TO GRADE	2	EA	\$330.00	\$660.00	\$2,379.67	\$4,759.34
28	TRAFFIC CONTROL	1	LS	\$25,000.00	\$25,000.00	\$2,340.00	\$2,340.00
29	FURNISH AND INSTALL SMALL ROADSIDE SIGN SUPPORTS & ASSY	1	LS	\$1,000.00	\$1,000.00	\$117.00	\$117.00
30	REFLECTIVE PAVE MRK TY 1, W, 4" SOLID	475	LF	\$1.50	\$712.50	\$1.41	\$669.75
31	REFLECTIVE PAVE MRK TY 1, W, 8" SOLID	60	LF	\$3.00	\$180.00	\$2.93	\$175.80
32	REFLECTIVE PAVE MRK TY 1, W, 12" SOLID	350	LF	\$5.00	\$1,750.00	\$4.39	\$1,536.50
33	REFLECTIVE PAVE MRK TY 1, W, 24" SOLID	46	LF	\$8.00	\$368.00	\$8.78	\$403.88
34	REFLECTIVE PAVE MRK TY 1, Y, 4" SLD	325	LF	\$1.50	\$487.50	\$1.47	\$477.75
35	STREET LIGHT FOUNDATION	4	EA	\$250.00	\$1,000.00	\$643.50	\$2,574.00
36	DECORATIVE LIGHT POLE, FIXTURE	4	EA	\$3,700.00	\$14,800.00	\$2,925.00	\$11,700.00
37	CONDT (PVC) (SCHD 40) (2")	370	LF	\$12.00	\$4,440.00	\$6.75	\$2,497.50
38	CONDT (PVC) (SCHD 40) (2") (BORE)	22	LF	\$20.00	\$440.00	\$14.38	\$316.36
39	ELEC CONDR (NO. 8) BARE	370	LF	\$1.00	\$370.00	\$0.86	\$318.20
40	ELEC CONDR (NO. 8) INSULATED	22	LF	\$2.00	\$44.00	\$1.11	\$24.42
41	GROUND BOX TY A (122311) W / APRON	4	EA	\$425.00	\$1,700.00	\$713.90	\$2,855.60
<b>PEDESTRIAN AMENITIES</b>							
42	CONC SW, REINF, 4" THICK, CL C	3,670	SY	\$55.00	\$201,850.00	\$44.85	\$164,599.50
43	BARRIER FREE RAMP & LANDING, CL C	19	EA	\$700.00	\$13,300.00	\$163.80	\$3,112.20
44	PAVERS ON CONCRETE BASE (PEDESTRIAN)	455	SY	\$100.00	\$45,500.00	\$55.81	\$25,393.55
45	DECOMPOSED GRANITE, 4" THICK	2,016	SY	\$22.00	\$44,352.00	\$17.55	\$35,380.80
46	PEDESTRAIN HANDRAIL	20	LF	\$100.00	\$2,000.00	\$54.54	\$1,090.80
47	CONCRETE STEPS	1	LS	\$350.00	\$350.00	\$819.00	\$819.00
<b>LANDSCAPING</b>							
48	CANOPY TREE (LIVE OAK) (65 GAL.)	2	EA	\$600.00	\$1,200.00	\$764.01	\$1,528.02
49	CANOPY TREE (CHINESE PISTACHE) (65 GAL.)	98	EA	\$560.00	\$54,880.00	\$764.01	\$74,872.98
50	CANOPY TREE (RED OAK) (65 GAL.)	17	EA	\$600.00	\$10,200.00	\$764.01	\$12,988.17
51	CANOPY TREE (DESERT WILLOW) (65 GAL.)	10	EA	\$615.00	\$6,150.00	\$764.01	\$7,640.10
52	ACCENT TREE (VITEX) (30 GAL.)	7	EA	\$290.00	\$2,030.00	\$764.01	\$5,348.07
53	ACCENT TREE (YAUPON HOLLY) (30 GAL.)	1	EA	\$300.00	\$300.00	\$764.01	\$764.01
54	SHRUB (CARISSA HOLLY) (3 GAL.)	285	EA	\$16.00	\$4,560.00	\$37.44	\$10,670.40
55	SHRUB (POPCORN DRIFT ROSE) (3 GAL.)	159	EA	\$18.00	\$2,862.00	\$37.44	\$5,952.96
56	SHRUB (HAMELN FOUNTAIN GRASS) (1 GAL.)	592	EA	\$7.00	\$4,144.00	\$12.87	\$7,619.04
57	SHRUB (KNOCK OUT ROSE) (3 GAL.)	342	EA	\$16.00	\$5,472.00	\$37.44	\$12,804.48
58	SHRUB (MEXICAN FEATHER GRASS) (1 GAL.)	34	EA	\$8.00	\$272.00	\$12.87	\$437.58
59	SHRUB (PURPLE SKULL CAP) (1 GAL.)	57	EA	\$9.00	\$513.00	\$12.87	\$733.59
60	SHRUB (WEEPING LOVE GRASS) (1 GAL.)	1,453	EA	\$6.00	\$8,718.00	\$12.87	\$18,700.11
61	SHRUB (RED YUCCA) (5 GAL.)	123	EA	\$28.00	\$3,444.00	\$37.44	\$4,605.12
62	SHRUB (DWARF YAUPON HOLLY) (3 GAL.)	178	EA	\$17.00	\$3,026.00	\$37.44	\$6,664.32
63	GARDEN (DAYLILY) (1 GAL.)	1,568	SF	\$6.00	\$9,408.00	\$12.87	\$20,180.16
64	GARDEN (NEW GOLD LANTANA) (1 GAL.)	763	SF	\$4.00	\$3,052.00	\$12.87	\$9,819.81
65	GARDEN (JAPANESE SPURGE) (1 GAL.)	1,337	SF	\$10.00	\$13,370.00	\$12.87	\$17,207.19
66	GROUND COVER (SEASONAL COLOR) (4" POT)	596	SF	\$2.00	\$1,192.00	\$2.11	\$1,257.56
67	GROUND COVER (LILY TURF) (1 GAL.)	1,032	SF	\$7.00	\$7,224.00	\$12.87	\$13,281.84
68	MULCH (3")	1,000	SY	\$9.00	\$9,000.00	\$74.88	\$74,880.00
69	TURF (BERMUDA SOD WITH 4" TOPSOIL)	25,000	SF	\$0.95	\$23,750.00	\$0.99	\$24,750.00
70	TURF (BERMUDA HYDROMULCH WITH 4" TOPSOIL)	25,000	SF	\$0.65	\$16,250.00	\$0.58	\$14,500.00
71	STEEL EDGING	200	LF	\$6.00	\$1,200.00	\$19.89	\$3,978.00
72	TREE GRATE (4'X4')	27	EA	\$1,300.00	\$35,100.00	\$1,415.70	\$38,223.90
73	TREE GRATE (6'X6')	48	EA	\$2,400.00	\$115,200.00	\$1,911.20	\$91,737.60
74	BRICK VENEER PLANTER WALL	2	EA	\$31,000.00	\$62,000.00	\$26,617.50	\$53,235.00
75	IRRIGATION SYSTEM (COMPLETE-IN-PLACE)	1	LS	\$78,000.00	\$78,000.00	\$73,738.08	\$73,738.08
<b>CONTINGENCY</b>							
78	CONTINGENCY AS DIRECTED BY OWNER	1	LS	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00
<b>Total Base Bid</b>					<b>\$1,502,906.00</b>	<b>\$1,464,170.83</b>	

<b>Bid Alternate</b>							
A1	FURNISH AND INSTALL SILVA CELL	21,000	CF	\$17.00	\$357,000.00	\$23.00	\$483,000.00
A2	REMOVAL AND REPLACEMENT OF EXISTING PAVEMENT FOR SILVA CELL INSTALLATION	300	SY	\$65.00	\$19,500.00	\$96.90	\$29,070.00
<b>Total Bid Alternate</b>					<b>\$376,500.00</b>	<b>\$512,070.00</b>	

<b>Total Base Bid + Bid Alternate</b>					<b>\$1,879,406.00</b>	<b>\$1,976,240.83</b>	
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# City of Rowlett

## Staff Report

4000 Main Street  
P.O. Box 99  
Rowlett, TX 75088-0099  
www.rowlett.com

**AGENDA DATE:** 01/07/14

**AGENDA ITEM:** 7E

### **TITLE**

Consider action to approve a resolution accepting the bid of and awarding a contract to A&M Construction & Utilities, Incorporated in the amount of \$186,640 for the base bid and up to \$2,400 for the early completion bonus, resulting in a total bid of \$189,040 for the Martin Street Sanitary Sewer Improvement Project.

### **STAFF REPRESENTATIVE**

Tim Rogers, Director of Infrastructure Services

Robbin Webber, Assistant Director of Infrastructure Services

### **SUMMARY**

The purpose of this item is to replace the existing 18-inch sanitary sewer crossing the existing Dallas Area Rapid Transit (DART) right-of-way along Martin Street.

### **BACKGROUND INFORMATION**

The City routinely conducts inspections of all City-wide sanitary sewer mains. During the 2013 video inspection, staff identified approximately 260 linear feet of 18 inch main approximately 19 feet below the base of the rail, which has deteriorated along the west side of Martin Street. The inspection found the main line to be in very poor condition warranting a full replacement.

The former City Manager approved a Professional Engineering Service Contract with Neel-Schaffer, Incorporated on July 18, 2013, in the amount of \$38,700. Neel-Schaffer reviewed the video inspection and determined the recommended method (trenchless technology) of replacement for the main line.

The alternative is to prolong the repair/replacement of the main line. There is potential for the system (main line) to collapse beneath the rail system causing blockage to the system and an overflow.

A License Permit has been submitted to the Dallas Area Rapid Transit for approval.

### **DISCUSSION**

Notice to bidders was published in the Rowlett Lakeshore Times as well as posted on the City website on October 24 and 31, 2013. A voluntary Pre-Bid Meeting was held on November 5, 2013, in the City Municipal Center Conference Room, 4000 Main Street, Rowlett, Texas 75088. Sealed bids were received in the Purchasing Office until 2:00pm, December 3, 2013, and then publicly read aloud in the City Hall Conference Room, 4000 Main Street, Rowlett, Texas 75088 in accordance with Texas Local Government Code requirements.

Two bids were received (see attached Bid Tabulation Exhibit A). Low bid is \$186,640 and second bid was \$232,767. The low bid received for the Total Based Bid was provided by A&M Construction & Utilities, Incorporated of Garland, Texas in the amount of \$186,640.

Financials were reviewed by the Director of Financial and Information Services, Alan Guard. The City Consultant, Neel-Schaffer has checked the past performance for this Contractor and recommends awarding the project to A&M Construction & Utilities, Incorporated. The City's consultant recommends that the City award the contract to A&M Construction & Utilities, Incorporated. (See Recommendation of Award – Exhibit B).

**FINANCIAL/BUDGET IMPLICATIONS**

Section 3.4.2 of the Contract Document has a provision to pay an early completion bonus of \$240 per day up to a maximum of \$2,400 and applying the maximum early completion bonus to the contract amount of \$2,400, yields a total project budget of \$189,040.

Funds have been budgeted in the CIP for this project in following:

<b>Budget Account Number and/or Project Code</b>	<b>Account or Project Title</b>	<b>Budget Amount</b>	<b>Proposed Amount</b>
598-8201-531.80-02	SS1102 – Miscellaneous Sewer Repair	\$300,257.93	\$189,040.00
<b>TOTAL</b>		<b>\$300,257.93</b>	<b>\$189,040.00</b>

**RECOMMENDED ACTION**

Staff recommends approving a resolution accepting the bid and awarding a contract to A&M Construction & Utilities, Incorporated in the amount of \$186,640 for the base bid and up to \$2,400 for the early completion bonus, resulting in a total bid of \$189,040 for the Martin Street Sanitary Sewer Improvement Project.

**RESOLUTION**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ROWLETT, TEXAS, ACCEPTING THE BID OF AND AWARDING A CONSTRUCTION CONTRACT TO A&M CONSTRUCTION UTILITIES INCORPORATED IN THE AMOUNT OF \$189,040 FOR THE MARTIN STREET SANITARY SEWER IMPROVEMENT PROJECT; AUTHORIZING THE MAYOR TO EXECUTE THE CONTRACT ON THE CITY'S BEHALF; AUTHORIZING THE ISSUANCE OF PURCHASE ORDERS PURSUANT TO APPROVAL; AND PROVIDING AN EFFECTIVE DATE.**

**WHEREAS**, it is necessary to construct the Martin Street Sanitary Sewer Main for the Water and Wastewater Department and the City of Rowlett; and

**WHEREAS**, the Purchasing Division has taken sealed bids as per bid #2014-16 and is recommending award to the lowest qualified bid meeting specifications; and

**WHEREAS**, City staff and Neel-Schaffer, Incorporated's representative recommend that the contract be awarded to A&M Construction Utilities, Incorporated as the lowest responsible bidder for its total base bid; and

**WHEREAS**, the City Council of the City of Rowlett, Texas desire to accept said bid and award such contract to A&M Construction Utilities, Incorporated.

**NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ROWLETT, TEXAS:**

**Section 1:** That the City Council of the City of Rowlett does hereby accept the bid of and award a contract to A&M Construction Utilities, Incorporated for the construction of the Martin Street Sanitary Sewer Improvement Project to include the total base bid and an early completion bonus of \$2,400, in the total amount of \$189,040.

**Section 2:** That the City Council of the City of Rowlett does hereby authorize the Mayor to execute the necessary documents after City Attorney approval and authorizes the issuance of purchase orders to conform to this resolution.

**Section 3:** This resolution shall become effective immediately upon its passage.

## **ATTACHMENTS**

Exhibit A – Bid Tabulation

Exhibit B – Letter of Recommendation

## City of Rowlett Martin Street Sewer

Bidder	Executed Proposal	Included Bid Bond	Base Bid Amount
A & M Construction and Utilities, Inc.	X	X	\$186,640.00
North Texas Contracting, Inc.	X	X	\$232,767.00

City of Rowlett Martin Street Sewer

				A & M Construction and Utilities, Inc.		North Texas Contracting, Inc.	
PAY ITEM	DESCRIPTION	UNIT	TOTAL QUANTITY	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
1	Project Sign	EA	3	\$500.00	\$1,500.00	\$100.00	\$300.00
2	SWPPP	LS	1	\$6,500.00	\$6,500.00	\$1,000.00	\$1,000.00
3	Inlet Protection	EA	2	\$250.00	\$500.00	\$100.00	\$200.00
4	Silt Fence	LF	18	\$2.00	\$36.00	\$6.00	\$108.00
5	Removal, Protection and Replacement of Trees, Shrubbery, Plants, Sod and Other Vegetation	LS	1	\$8,500.00	\$8,500.00	\$500.00	\$500.00
6	Sodding	SY	137	\$9.00	\$1,233.00	\$10.00	\$1,370.00
7	General Site Preparation	LS	1	\$42,000.00	\$42,000.00	\$15,000.00	\$15,000.00
8	Pavement Cut, Excavation and Repair (Sidewalk)	SY	21	\$78.00	\$1,638.00	\$90.00	\$1,890.00
9	Pavement Cut, Excavation and Repair (Street and Parking Lot, both including curb)	SY	47	\$114.00	\$5,358.00	\$100.00	\$4,700.00
10	5' Diameter Manhole (All Depths)	EA	3	\$9,200.00	\$27,600.00	\$12,000.00	\$36,000.00
11	Trenchless Installation 18" PVC ASTM F679 Sewer Line with Casing	LF	196	\$320.00	\$62,720.00	\$600.00	\$117,600.00
12	Open Cut - 18" PVC ASTM F679 Sewer Line (All Depths)	LF	79	\$140.00	\$11,060.00	\$600.00	\$47,400.00
13	Barriers and Warning and/or Detour Signs	LS	1	\$8,700.00	\$8,700.00	\$3,000.00	\$3,000.00
14	Chain Link Fence Removal and Replacement	LF	34	\$45.00	\$1,530.00	\$30.00	\$1,020.00
15	Trench Safety	LF	79	\$15.00	\$1,185.00	\$1.00	\$79.00
16	Utility Dome Style Markers	EA	2	\$50.00	\$100.00	\$100.00	\$200.00
17	Plug, Pressure Grout and Abandon Existing 18" Sewer	LF	240	\$27.00	\$6,480.00	\$10.00	\$2,400.00
<b>TOTAL</b>				<b>\$186,640.00</b>		<b>\$232,767.00</b>	

December 17, 2013  
N-S Account No. 11677

Ms. Sherrelle Diggs, P.E.  
City Engineer  
City of Rowlett  
4310 Industrial Street  
Rowlett, Texas 75088

REFERENCE: CITY OF ROWLETT  
MARTIN DRIVE SEWER  
IMPROVEMENTS

Dear Ms. Diggs:

Sealed bids were received by the City of Rowlett on December 3, 2013, for the referenced project. Two (2) contractors submitted bids for this project. Enclosed is a copy of the Bid Tabulation for the Two (2) qualified bids submitted.

The lowest bid was submitted by A & M Construction and Utilities, Inc. of Rowlett, Texas in the amount of \$186,640.00. Below is a summary of the bids of the qualified bidders on this project:

Bidder	Bid
A & M Construction and Utilities, Inc.	\$186,640.00
North Texas Contracting, Inc.	\$232,767.00

We have previously worked with this contractor and have had no issues in regards to previous performance.

We appreciate the opportunity to work with you on this important project. Please call if you need additional information.

Sincerely,

NEEL-SCHAFFER, INC.



Derek Cheatham, P.E.  
Vice President / Engineer Manager



**City of Rowlett**  
**Staff Report**

4000 Main Street  
P.O. Box 99  
Rowlett, TX 75080-0099  
www.rowlett.com

**AGENDA DATE:** 01/07/14

**AGENDA ITEM:** 7F

**TITLE**

Consider action to approve an amendment to Chapter 6 in the Rowlett Code of Ordinances regarding Animal Abandonment.

**STAFF REPRESENTATIVE**

Jeff Ochsner, Animal Control Manager  
Joe Tilger, Environmental Services Manager

**SUMMARY**

Animal Abandonment was discussed by staff and City Council on December 17, 2013, and direction was given by the City Council to modify the proposed revision to Chapter 6. The suggested changes to Section 6-2 "Definitions" were completed.

**BACKGROUND INFORMATION**

Animal Abandonment was discussed in the City Council Work Session of December 17, 2013. Animal Control staff reported an increasing number of cases where animal owners know that their pet is impounded at the Shelter but refuse to redeem and/or contact Shelter Staff. The proposed changes in the Ordinance will give Animal Control Staff another tool to require owners to claim their pet or be issued a citation. This proposed new clarification will likely result in more pets being redeemed by their owners and more space available for stray animals.

Discussions surrounding these changes were centered on two items. First, to ensure Animal Services were able to legally hold negligent pet owners accountable for intentionally and knowingly abandoning their pets causing the citizens of Rowlett to have to spend tax dollars for their animal maintenance. Second, it was important to be fair to all Rowlett Citizens and not punish them for failure to redeem their pets when they may have not known their pets were missing. Vacationing pet owners may not know their pet was missing and in custody of Rowlett Animal Control and therefore, should not be fined for failure to redeem. As a result, the words "intentionally" and "knowingly" were added to the ordinance to rectify this concern.

**DISCUSSION**

Animal Services has the occasional pet owner who decides that taking care of their pets is no longer their responsibility and would rather abandon their pets rather than redeem them. These pet owners believe that it is ok to leave their pets in the custody of Rowlett Animal Services and allow tax dollars to care for their pets rather than taking responsibility themselves. The changes to this ordinance will now allow Animal Services to legally hold these individuals accountable for their actions.

**FINANCIAL/BUDGET IMPLICATIONS**

N/A

**RECOMMENDED ACTION**

Staff requests Council consider action to approve proposed Animal Abandonment Ordinance as written by the City Attorney.

**ORDINANCE**

**AN ORDINANCE OF THE CITY OF ROWLETT, TEXAS, AMENDING THE CODE OF ORDINANCES BY AMENDING ARTICLE I (“IN GENERAL”) OF CHAPTER 6 (“ANIMALS”) TO AMEND SECTION 6-2 BY REVISING THE DEFINITION OF “ABANDON”; PROVIDING A REPEALING CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A PENALTY OF FINE NOT TO EXCEED THE SUM OF FIVE HUNDRED DOLLARS (\$500.00) FOR EACH OFFENSE; AND, PROVIDING AN EFFECTIVE DATE.**

**WHEREAS**, the City Council of the City of Rowlett, Texas, hereby finds and determines that the ownership of animals presumes a responsibility to the animal and to the citizens of the City; and

**WHEREAS**, many pet owners whose pets are impounded at the City’s Animal Shelter, who are aware that the animal is impounded, deliberately fail to retrieve the animal, thereby imposing an administrative burden on City staff who must then attempt to locate an adoptive owner or euthanize the animal; and

**WHEREAS**, the City Council of the City of Rowlett, Texas, finds and determines that the definition of “abandon” should include a failure of a pet owner to redeem the pet from the City’s Animal Shelter and that such amendment is in the best interests of the public health, safety and welfare.

**NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ROWLETT, TEXAS:**

**Section 1:** That the Code of Ordinances, City of Rowlett, Texas, be and is hereby amended by amending Section 6-2 of Article I, “In General”, of Chapter 6, “Animals”, by amending the definition of “Abandon” that precedes the definition of “Animal”, such that the new definition of “Abandon” will read as follows:

**“CHAPTER 6. ANIMALS**

...

**ARTICLE I. IN GENERAL**

...

**Sec. 6-2. Definitions.**

The following words, terms and phrases, when used in this chapter, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

*Abandon* means

- (1) leaving an animal in any place without providing reasonable and necessary care including, but not limited to, air, food, water, or protection from heat, cold, or other elements of nature; or
- (2) the intentional or knowing failure of an owner to redeem an animal that has been impounded by or at the direction of the City within three (3) days after impoundment.

...

**Section 2:** That all ordinances of the City of Rowlett, Texas, in conflict with the provisions of this ordinance be and the same are hereby repealed and all other ordinances of the City of Rowlett not in conflict with the provisions of this ordinance shall remain in full force and effect.

**Section 3:** That should any sentence, paragraph, subdivision, clause, phrase or section of this ordinance be adjudged or held to be unconstitutional, illegal or invalid, the same shall not affect the validity of this ordinance as a whole, or any part or provision hereof other than the part so decided to be invalid, illegal or unconstitutional, and shall not affect the validity of the Code of Ordinances as a whole.

**Section 4:** That any person, firm or corporation violating any of the provisions or terms of this ordinance shall be subject to the same penalty as provided for in the Code of Ordinances of the City of Rowlett, as heretofore amended, and upon conviction shall be punished by a fine not to exceed the sum of five hundred dollars (\$500.00) for each offense.

**Section 5:** That this ordinance shall take effect immediately from and after its passage and the publication of the caption, as the law and Charter in such cases provide.