

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 24

1. CONTRACTOR: Ranger Excavating
2. Change Order Work Limits: Sta. N/A to Sta. N/A
3. Type of Change (on federal-aid non-exempt projects): Minor (Major/Minor)
4. Reasons: 3M (3 Max. - In order of importance - Primary first)

Project: 05WC324
Roadway: Reagan Blvd
South, Ph. 2
Purchase Order
Number: _____

5. Describe the work being revised:

3F: County Convenience. Additional Work Desired by the County. Additional erosion control work is required at the South Fork of the San Gabriel River. The revised plans will meet TCEQ guidelines.

6. Work to be performed in accordance with Items: See attached
7. New or revised plan sheet(s) are attached and numbered: L-1.1, L-1.2
8. New Special Provisions to the contract are attached: ☐ Yes ☒ No
9. New Special Provisions to Item N/A No. N/A, Special Specification Item N/A are attached.
- Each signatory hereby warrants that each has the authority to execute this Change Order (CO).

The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit; or loss of compensation as a result of this change.

The following information must be provided

Time Ext. #: N/A Days added on this CO: 0
Amount added by this change order: \$158,657.05

THE CONTRACTOR Date 9/14/09
By [Signature]
Typed/Printed Name James Fran
Typed/Printed Title Vice President

RECOMMENDED FOR EXECUTION:

[Signature] P.E. 9/15/09
Project Manager Date
Construction Observer

Design Engineer Date

[Signature] 9/15/09
Program Manager Date

Design Engineer's Seal:

See New Plan Sheets

Received

SEP 14 2009

HNTB Corporation
Round Rock

County Commissioner Precinct 1 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 2 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 3 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 4 Date
☐ APPROVED ☐ REQUEST APPROVAL

[Signature] 9-27-09
☒ APPROVED County Judge Date

CHANGE ORDER NUMBER: 24

TABLE A: Force Account Work and Materials Placed into Stock

[illegible]

TABLE B: Contract Items

[illegible]

CHANGE ORDER REASON(S) CODE CHART

1. Design Error or Omission	1A. Incorrect PS&E 1B. Other
2. Differing Site Conditions (unforeseeable)	2A. Dispute resolution (expense caused by conditions and/or resulting delay) 2B. Unavailable material 2C. New development (conditions changing after PS&E completed) 2D. Environmental remediation 2E. Miscellaneous difference in site conditions (unforeseeable)(Item 9) 2F. Site conditions altered by an act of nature 2G. Unadjusted utility (unforeseeable) 2H. Unacquired Right-of-Way (unforeseeable) 2I. Additional safety needs (unforeseeable) 2J. Other
3. County Convenience	3A. Dispute resolution (not resulting from error in plans or differing site conditions) 3B. Public relations improvement 3C. Implementation of a Value Engineering finding 3D. Achievement of an early project completion 3E. Reduction of future maintenance 3F. Additional work desired by the County 3G. Compliance requirements of new laws and/or policies 3H. Cost savings opportunity discovered during construction 3I. Implementation of improved technology or better process 3J. Price adjustment on finished work (price reduced in exchange for acceptance) 3K. Addition of stock account or material supplied by state provision 3L. Revising safety work/measures desired by the County 3M. Other
4. Third Party Accommodation	4A. Failure of a third party to meet commitment 4B. Third party requested work 4C. Compliance requirements of new laws and/or policies (impacting third party) 4D. Other
5. Contractor Convenience	5A. Contractor exercises option to change the traffic control plan 5B. Contractor requested change in the sequence and/or method of work 5C. Payment for Partnering workshop 5D. Additional safety work/measures desired by the contractor 5E. Other
6. Untimely ROW/Utilities	6A. Right-of-Way not clear (third party responsibility for ROW) 6B. Right-of-Way not clear (County responsibility for ROW) 6C. Utilities not clear 6D. Other

Williamson County Road Bond Program

**Ronald Reagan Blvd South, Ph. 2
Williamson County Project No. 05WC324**

Change Order No. 24

Reason for Change

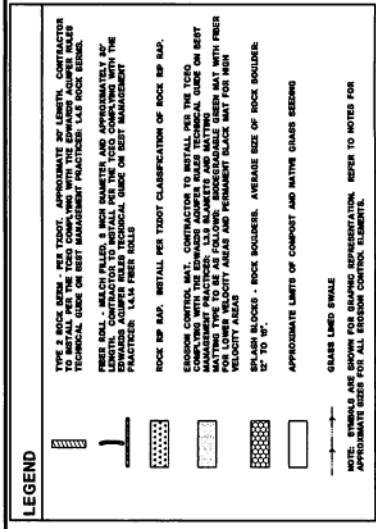
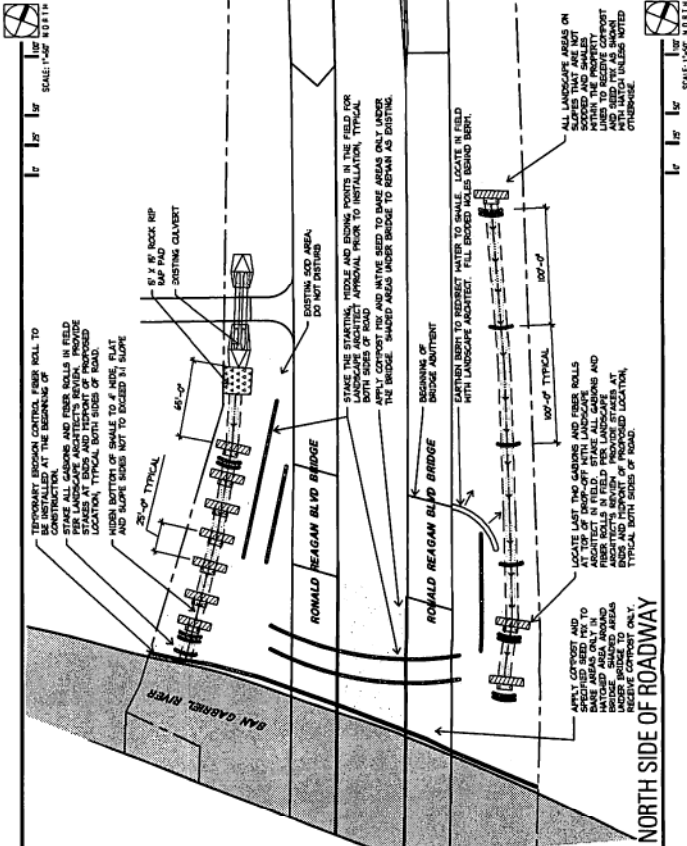
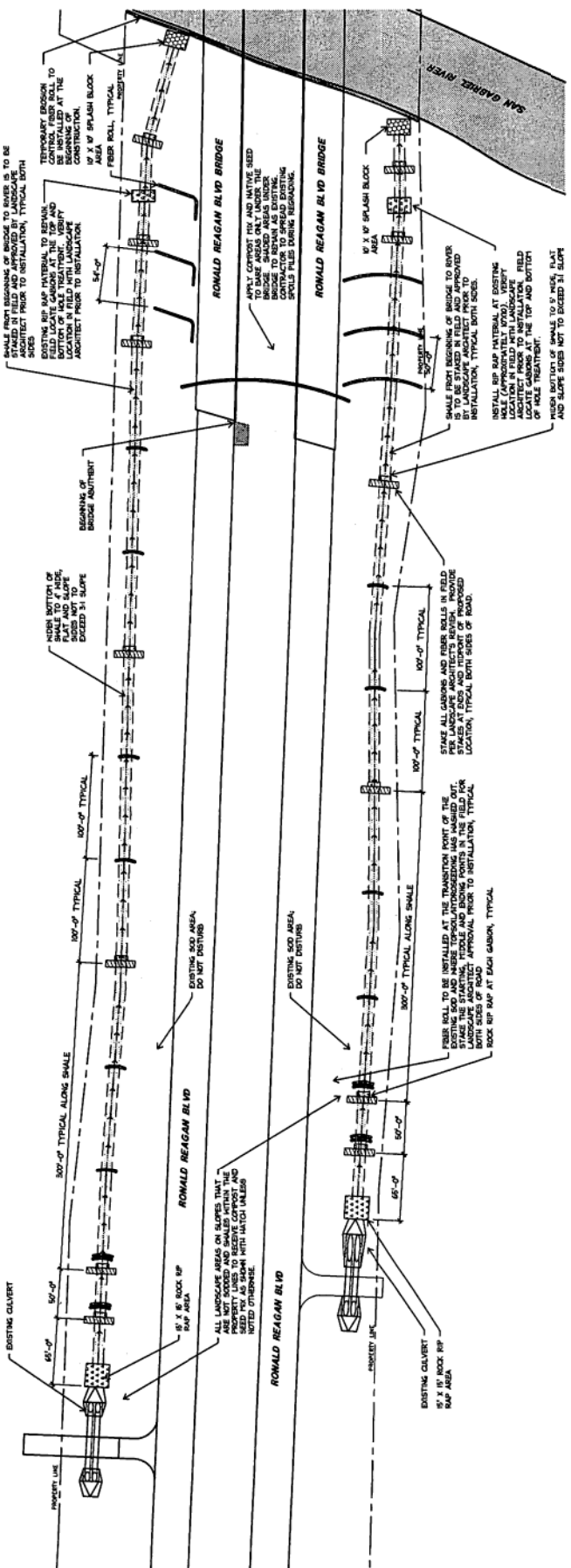
This change order provides payment for additional work by the Contractor to correct erosion control issues at the South Fork of the San Gabriel River.

All items required to complete the work associated with this change order are new contract items and are listed in detail on the attached Table B.

This change order results in a net increase of \$158,657.05 to the contract amount, for an adjusted contract total of \$14,740,673.79. The original Contract amount was \$15,857,326.54. As a result of all change orders to date, including this change order, \$1,116,652.75 has been deducted from the Contract, resulting in a 7% net decrease in the Contract cost. As the Notice of Substantial Completion and Certificate of Completion have already been issued on this project, no additional days will be added; however, we expect the Contractor to have all work completed in no more than twenty (20) working days.

HNTB Corporation

James Klotz, P.E.



reference pour les directeurs	reference pour les secretaires
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IT VARIES

Table 1. Low nutrient component

Parameter	Units	Range
Total nitrogen	ppm	50 - 1000
Extractable silica	ppm	10 - 20
Total phosphorus	ppm	5 - 500
Available phosphorus	ppm	5 - 20
pH		5-8
Set concentration	05	<5
Moisture	N wt	30-55

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Journal of Internal Medicine 245: 111–117

$$dS = \text{displacement (conductivity)} \times \text{conductivity} \times 10^{-9}$$

- 2.2.) EROSION CONTROL: COMPOST SHOULD BE A WIDE RANGE OF SIZES WITH 25% VOLUME GREATER THAN 1/4" IN SIZE. LOW NUTRIENT COMPOST (TABLE 1) SHOULD BE APPLIED AS A LAYER TWO INCHES THICK ACROSS THE SURFACE.

(1) HEAVY CONTACT SHOULD BE "THUMPED" CROSS-CONTOUR TO THIS SPREAD NO FURTHER THAN 10 CM. (2) LIGHT CONTACT SHOULD BE "TAPPED" CROSS-CONTOUR WITH COMPACTOR RESISTANCE SHOULD NOT EXCEED 225 PSI AS MEASURED WITH A CONE PENETROMETER USING ASTM D44 STANDARD TEST METHOD FOR MECHANICAL CONE PENETRATION. ONE REPORTED, FURTHER SOIL COMPACTION SHOULD BE AVOIDED THROUGHOUT THE USE OF TRACKED VEHICLES. (3) MOVED OF FULLY COMPACTED, HIGH-FRIEL, LOW NUTRIENT COMPACT (SEE PACKAGES CORRESPONDING NOTES) SHOULD BE SPREAD FURTHER FROM THE SURFACE. (4) IN AREAS WHERE THERE IS NO EXISTING TOPSOIL, FOUR INCHES OF COMPOST SHOULD BE SPREAD EVENLY OVER THE SURFACE.

- 2.) SUBMIT APPLICATION METHOD AND EQUIPMENT PRIOR TO INSTALLATION. CONTRACTOR TO SUBMIT 1 LB. OF THE INDIVIDUAL TYPES OF MELNIPLOER SEED FOR LANDSCAPE ARCHITECT APPROVAL. CONTRACTOR TO ALSO INCLUDE MIX TYPES (PRODUCT DATA), SAMPLE OF SEED AND PLS TAGS WHEN SUBMITTING. CONTRACTOR TO SUBMIT EQUIPMENT PRIOR TO EQUIPMENT IN THE FIELD PRIOR TO APPLICATION. SUBMIT SUPPLIER AND SAMPLE COLLECTION FROM THE EQUIPMENT IN THE FIELD PRIOR TO APPLICATION.

[illegible][illegible]

NAS: NATIVE AMERICAN SEED 1-800-728-6043
 NS: NELSPEED PARTS 1-800-648-0079

IRRIGATION NOTES

1.) TEMPORARY IRRIGATION IS RECOMMENDED FOR RAMP ESTABLISHMENT DURING WARP, DRY PERIODS, PARTICULARLY IN CRITICAL AREAS. CONTRACTOR TO PROVIDE A PRICE FOR WATER TRUCK IRRIGATION PER THE WATERING SPECIFICATIONS BELOW AS ALTERNATE #1. WATER IS TO BE APPLIED IN SUCH A MANNER THAT IT DOES NOT CAUSE CORROSION AND NATIVE SEED TO WASH OUT OR ERODE. ANY INADEQUATE EROSION CAUSED BY WATER APPLICATION IS TO BE REPAIRED BY THE CONTRACTOR IMMEDIATELY. CONTRACTOR TO ALSO PROVIDE A PRICE FOR A TYPICAL PAVED ROADWAY SYSTEM PER THE

- 2.) ALL NEWLY SEEDBED AREAS WILL RECEIVE 0.25 INCH PER DAY FOR THE FIRST 10 DAYS TO PREVENT GERMINATING SEEDS FROM DRYING OUT. THEREAFTER, FOR THE MONTHS OF APRIL THROUGH SEPTEMBER, DEEP WATERING EQUIVALENT TO TWO THREE-QUARTER INCH RAIN EVENTS EVERY ONE WEEK FOR THE NEXT TWO MONTHS SHOULD OCCUR. SIMILARLY, A DEEP WATERING EQUIVALENT TO A ONE-INCH RAIN EVENT EVERY ONE WEEK FOR THE NEXT TWO MONTHS SHOULD OCCUR FOR THE MONTHS OF OCTOBER THROUGH MARCH. CARE MUST BE TAKEN TO ADJUST IRRIGATION RATE TO AVOID EXCESSIVE POOLING OF SURFACE WATER AND SURFACE RUN-OFF ON SLOPES.

GENERAL CONSTRUCTION NOTES

4. WRITTEN CONSTRUCTION NOTIFICATION SHOULD BE PROVIDED TO THE APPROPRIATE TCEB REGIONAL OFFICE NO LATER THAN 48 HOURS PRIOR TO COMMENCEMENT OF THE REGULATED ACTIVITY. INFORMATION SHOULD INCLUDE THE DATE ON WHICH THE REGULATED ACTIVITY WILL COMMENCE, THE NAME OF THE APPROVED PLAN FOR THE REGULATED ACTIVITY AND THE NAME OF THE PRIME CONTRACTOR WITH THE NAME AND TELEPHONE NUMBER OF THE CONTACT PERSON.

3. ALL CONTRACTORS CONDUCTING REGULATED ACTIVITIES ASSOCIATED WITH THIS PROJECT SHOULD PROVIDE:
- (A) TWO TYPHOID AGENT GROUND PROTECTORS AND TWO GROUND SURFACE PROTECTORS FOR EACH SYSTEM TO BE INSTALLED WITHIN 60 FEET OF A DOMESTIC, INDUSTRIAL, RESIDENTIAL OR PUBLIC WATER WELL.
 - (B) PRIOR TO COMMENCING CONSTRUCTION, ALL TYPHOID PROTECTOR AND SEDIMENTATION (RAS) CONTROLS SHALL BE INSTALLED AND OPERATIONAL. THE TYPHOID PROTECTORS SHALL BE MAINTAINED AND OPERATIONAL THROUGHOUT THE PROJECT. THE SEDIMENTATION CONTROLS SHALL BE MAINTAINED AND OPERATIONAL THROUGHOUT THE PROJECT. THE TYPHOID PROTECTORS SHALL BE MAINTAINED AND OPERATIONAL THROUGHOUT THE PROJECT. THE SEDIMENTATION CONTROLS SHALL BE MAINTAINED AND OPERATIONAL THROUGHOUT THE PROJECT.
 - (C) SEDIMENT MUST BE REMOVED FROM SEDIMENT TRAPS OR SEDIMENTATION POUNDS NOT LATER THAN 12 MONTHS AFTER THE TRAP OR POUND IS FULLY OPERATIONAL. THE TRAP OR POUND SHALL BE MAINTAINED AND OPERATIONAL THROUGHOUT THE PROJECT. THE SEDIMENTATION CONTROLS SHALL BE MAINTAINED AND OPERATIONAL THROUGHOUT THE PROJECT.
 - (D) LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS COLLECTED TO STORMWATER SHALL BE PLACED IN A CONTAINER Labeled "LITTER" OR "CONSTRUCTION DEBRIS" OR "CONSTRUCTION CHEMICALS" (SEE APPENDIX A FOR LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS COLLECTION AND DISPOSAL PROCEDURES).

- 1.) THE CONTRACTOR SHALL INSTALL EROSION/SEDIMENTATION CONTROLS PRIOR TO ANY SITE PREPARATION WORK (CLEARING, GRUBBING OR EXCAVATION) AS SPECIFIED IN THE ORIGINAL STOP-WATER PLANS AND PERMIT.
- 2.) THE PLACEMENT OF EROSION/SEDIMENTATION CONTROLS SHALL BE IN ACCORDANCE WITH TxDOT REQUIREMENTS AND THE TCOA FERTILIZER ACQUIRER RULES.

3. A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD ON-SITE WITH THE CONTRACTOR, DESIGN ENGINEER/PERMIT APPLICANT, AND ENVIRONMENTAL INSPECTOR AFTER INSTALLATION OF THE BIOGAS/VENTILATION CONTROLS AND PRELIMINARY ASH AND PROTECTION RESOURCES AND PRIOR TO THE BEGINNING OF THE CONSTRUCTION OF THE BIOGAS/VENTILATION CONTROLS. THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER AT LEAST THREE DAYS PRIOR TO THE MEETING DATE.
4. IF MAJOR VARIATIONS IN MATERIALS, OR LOCATIONS OF CONTROLS, OR APPROVED PILES SHOW UP ON THE APPROVED PILES, THERE SHALL BE A REVISION AND MUST BE APPROVED BY THE DESIGN ENGINEER, ENVIRONMENTAL SPECIALIST OR CITY ENGINEER AS APPROPRIATE. MAJOR REVISIONS MUST BE APPROVED BY THE CITY ENGINEER. THOSE CHANGES TO BE MADE AS FIELD REVISIONS TO THE DESIGN SHALL BE SUBMITTED TO THE CITY ENGINEER FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF ANY CHANGES/REVISIONS DURING THE COURSE OF CONSTRUCTION TO CORRECT CONTROL INSURANCES.
5. THE CONTRACTOR IS OBLIGATED TO SUPPORT THE CONTROLS AND PILES AT WEEKLY INTERVALS AND AT ALL SIGNIFICANT WIND SPEEDS TO SHOW THAT ANY ACCUMULATIONS HAVE NOT OCCURRED. THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF CONTROLS AND PILES SHALL IMMEDIATELY TAKE ANY NECESSARY REPAIRS TO DAMAGED AREAS. S/LT ACCUMULATION AT CONTROLS MUST BE REMOVED WHEN THE DEPTH REACHES TO 6" (6) INCHES.
6. PRIOR TO FINAL ACCEPTANCE BY THE COUNTY AND TOWN, MAJOR ROADS AND INTERWAY CROSSINGS CONSTRUCTED FOR TEMPORARY CONTRACTOR ACCESS MUST BE REPAIRED, ACCUMULATED SEDIMENT MUST BE REMOVED, AND ALL ROADWAYS MUST BE REPAIRED TO ORIGINAL CONDITIONS. UNPAVED AREAS AND ALL CLEARING ROADS SHALL BE DROPPED IN AN APPROVED SOIL DISPOSAL SITE.
7. PRIOR TO FINAL ACCEPTANCE BY THE COUNTY AND TOWN, MAJOR ROADS AND INTERWAY CROSSINGS CONSTRUCTED FOR TEMPORARY CONTRACTOR ACCESS MUST BE REPAIRED, ACCUMULATED SEDIMENT MUST BE REMOVED, AND ALL ROADWAYS MUST BE REPAIRED TO ORIGINAL CONDITIONS. UNPAVED AREAS AND ALL CLEARING ROADS SHALL BE DROPPED IN AN APPROVED SOIL DISPOSAL SITE.
8. ALL ROAD MUST BE IF A VOID IN THE ROAD OBSERVABLE IS DISCOVERED MUST BE ONE INCH OR LESS IN TOTAL AREA. BURNS ARE OPEN WITHIN THE EMBANKMENT AND/OR CONSISTENTLY RECEIVES WATER DURING ANY RAIN EVENT. AT THIS TIME IT IS THE RESPONSIBILITY OF THE PROJECT MANAGER TO IMMEDIATELY CONTACT A COUNTY INSPECTOR FOR FURTHER INVESTIGATION.
9. PERMANENT BIOGAS CONTROL.
10. ALL DISTURBED AREAS SHALL BE RESTORED AS NOTED BELOW.
11. A MINIMUM OF FOUR ROWS OF CARPENTRY SHALL BE PLACED IN ALL DRAINAGE CHANNELS (EXCEPT

1.) LOCATE AND VERIFY THE CONDITION OF EXISTING UTILITIES PRIOR TO EXCAVATION. TAKE RESPONSIBILITY OF CONTACTING LOCAL LOCATION SERVICES AND ANY COST INCURRED FOR LOCAL INJURY AND / OR DAMAGE OF OWNER'S PROPERTY OR ANY UTILITIES.

2.) THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED BY THE CONTRACTOR OF ANY DISCREPANCIES DISCOVERED BETWEEN THE PLANS AND ACTUAL SITE CONDITIONS BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE LIABLE FOR ALL NOTIFICATIONS AND DAMAGES IF WORK PROCEEDS WITHOUT THIS NOTIFICATION.

- 3.) THE CONTRACTOR IS RESPONSIBLE FOR ALL ASPECTS OF MAINTAINING A SAFE WORK SITE INCLUDING, BUT NOT LIMITED TO PROVIDING FOR TRAFFIC CONTROL, INSTALLATION AND PLACEMENT OF FENCING AND BARRICADES, EXCAVATION AND TRENCH PROTECTION, AND COMPLIANCE WITH ALL FEDERAL, LOCAL, REGULATIONS AND CODES. ALL SAFETY DEVICES OR VIOLATIONS SHALL BE RECTIFIED IMMEDIATELY.
- 4.) THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL EXISTING IMPROVEMENTS BOTH ON SITE AND ADJACENT TO THE WORK SITE AND SHALL REPAIR ANY DAMAGE TO THESE IMPROVEMENTS TO THE SATISFACTION OF THE OWNER.
- 5.) THE CONTRACTOR SHALL NOTIFY OWNER AND LANDSCAPE ARCHITECT 48 HOURS PRIOR TO COMMENCEMENT OF WORK TO COORDINATE PROJECT INSPECTION SCHEDULES.
- 6.) ANY ALTERATIONS AND/OR SUBSTITUTIONS PROPOSED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL. CHANGES TO THE SCOPE OF WORK AND / OR CONTRACT DOCUMENTS RESULTING FROM THE ACCEPTANCE OF THE CONTRACTOR'S ALTERATIONS AND / OR SUBSTITUTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 7.) THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF TRASH ON A DAILY BASIS.
- 8.) THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES PRIOR TO CONSTRUCTION. ALL PERMITS AND APPROVALS REQUIRED FOR CONSTRUCTION OF THE PROJECT SHALL BE PAID FOR AND OBTAINED BY THE CONTRACTOR.
- 9.) CONTRACTOR WORK WITH SUBCONTRACTORS TO ACCORDING TO THE SCOPE OF WORK AS SHOWN AND NOTED IN THE CONTRACT DOCUMENTS AS WELL AS, COORDINATE CONSTRUCTION WITH OTHER CONTRACTORS WORKING ON THE SITE.
- 10.) THE CONTRACTOR SHALL COORDINATE THE FURNISH OF MATERIALS, FINISHES OF VEHICLES, AND RESTORATION OF WORK AND ACCESS TO THE OWNER UNDER NO CIRCUMSTANCES SHALL ANY CONTRACTOR STORE MATERIALS, PARK VEHICLES OR EQUIPMENT UNDER THE CANOPY OF EXISTING TREES.
- 11.) UNLESS SPECIFIED OTHERWISE, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND PAYING ALL TEMPORARY UTILITIES AND SERVICES NECESSARY TO COMPLETELY INSTALL ALL WORK AS SHOWN AND NOTED IN THE CONTRACT DOCUMENTS.
- 12.) THE CONTRACTOR IS RESPONSIBLE FOR THE LEGAL OFF-SITE DISPOSAL OF SURPLUS MATERIAL AND DEBRIS.
- 13.) UPON COMPLETION OF CONSTRUCTION AND PRIOR TO FINAL APPROVAL, THE CONTRACTOR SHALL PROVIDE TRAINING FOR EXCAVATIONS, INLET BUILT AND ANY SETTLING OR PROBLEMS THAT HAS OCCURRED PRIOR TO COMPLETION. ALL AREAS OF THE PROJECT SITE SHALL BE LEFT IN A NEAT AND PRESENTABLE CONDITION SATISFACTORY TO THE OWNER PRIOR TO SUBMITTAL OF THE FINAL PAYMENT.
- 14.) THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND SERVING TEMPORARY TOILET FACILITIES.

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Austin, Texas 78745
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Austin • Dallas • Houston • San Antonio

Project
RONALD REAGAN BLVD
SOUTH FORK OF THE
SAN GABRIEL RIVER

Project Number:
A09345

WILLIAMSON COUNTY, TEXAS

Sheet Title:
**LANDSCAPE
NOTES**

Sheet Number: **L 1.2**