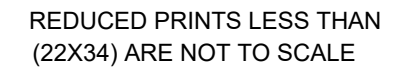
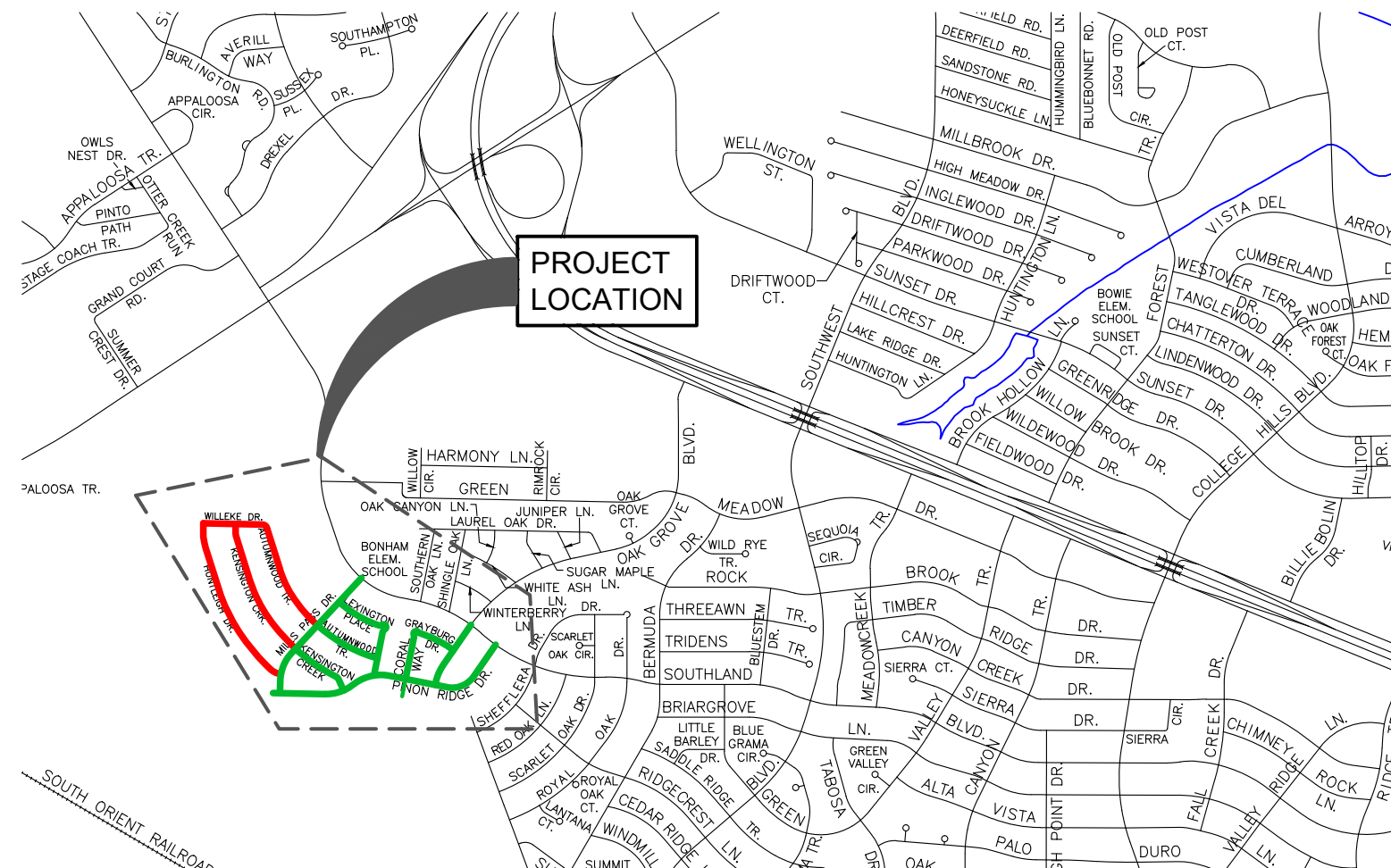


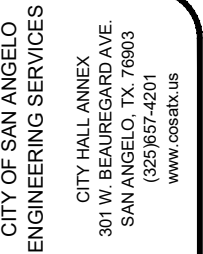
PROJECT NO. 2016-12-312
PLANS OF PROPOSED
HIGH DENSITY MINERAL BOND SURFACE
TREATMENT
100% SUBMITTAL
APRIL 2019



<u>SHEET</u>	<u>DESCRIPTION</u>
C-000	COVER SHEET
C-100	GENERAL NOTES
C-200	HIGH DENSITY MINERAL BOND – SECTION 1
C-300	HIGH DENSITY MINERAL BOND – SECTION 2



PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES DIVISION
CITY ENGINEER: RUSSELL PEHL, P.E.



NO	DESCRIPTION	DATE

The Seal appearing on this document was authorized by Russell J. Pehl, P.E. 104755 on: April 8, 2019

Kenneth J. Pehl



SCALE:	1"=1000'	ES-X-XX
DATE:	##/##/##	COVER SHEET - HIGH DENSITY MINERAL BOND PRESTONWOOD ADDITION
ARCHIVE NO:	#-###	
SHEET NO.	C-000 1 OF 4	PROJECT NO: 2016-12-312
		DESIGN BY: TMG
		DRAWN BY: TMG

GENERAL NOTES

1.

AS REFERRED TO HEREIN, THE CITY REFERS TO THE CITY OF SAN ANGELO, THE ENGINEER, AND/OR ANY OF THEIR DESIGNATED REPRESENTATIVES
2.

THE GENERAL NOTES LISTED HEREIN ARE GROUPED BY GENERAL CATEGORY OF WORK, BUT ARE APPLICABLE TO ALL ITEMS OF WORK FOR THE ENTIRE PROJECT.
3.

ALL DRAWINGS IN THE CONSTRUCTION PLANS ARE FOR ILLUSTRATION PURPOSES ONLY. NOTHING SHALL BE SCALED FROM THE CONSTRUCTION DRAWINGS. THE CONTRACTOR SHALL REFER TO APPROPRIATE CONSTRUCTION PLAN SHEETS FOR ACTUAL DIMENSIONS. FOR CONSTRUCTION STAKING, THE CONTRACTOR SHALL UTILIZE CONTROL POINTS ESTABLISHED BY THE CITY TO ESTABLISH LOCATION, DIMENSIONS, LINES, AND GRADES OR ANY OTHER ASPECT OF WORK. THE CONTRACTOR SHALL PERFORM ALL MEASUREMENTS IN THE FIELD FOR QUANTITY VERIFICATION PURPOSES, FOR BID PREPARATION OR FOR ANY OTHER PURPOSE. THE CITY SHALL NOT BE RESPONSIBLE FOR DIMENSIONS OF ANY ITEMS WHERE DIMENSIONS WERE OBTAINED BY SCALING OR MEASURING ANYTHING FROM THE CONSTRUCTION DRAWINGS. SHOULD THE CONTRACTOR BELIEVE ADEQUATE SURVEYING CONTROL DOES NOT EXIST, HE SHALL PROVIDE FOR ADDITIONAL SURVEYING IN HIS BID TO ADEQUATELY PROVIDE THE NECESSARY CONTROL.
4.

THE TOTAL BID SUBMITTED SHALL BE THE TOTAL COMPENSATION PROVIDED TO THE CONTRACTOR FOR THE WORK TO BE PERFORMED IN THIS CONTRACT. ANY WORK PROVIDED FOR HEREIN AND NOT PAID FOR DIRECTLY SHALL BE CONSIDERED SUBSIDIARY TO THE VARIOUS BID ITEMS OF THE CONTRACT AND NO DIRECT PAYMENT SHALL BE MADE.
5.

THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ALL AREAS THROUGHOUT THE DURATION OF THE PROJECT. ALL REQUIRED MAINTENANCE OF THE COMPLETED WORK SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE CONSIDERED A PART OF THIS CONTRACT AND AT THE CONTRACTOR'S EXPENSE UNTIL FINAL ACCEPTANCE BY THE CITY.
6.

ACQUISITION OF ALL REQUIRED PERMITS, IF ANY, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
7.

THE CONTRACTOR IS EXPECTED TO COOPERATE WITH OTHER CONTRACTORS AND SUPPLIERS WORKING ON THE SAME PROJECT.
8.

THE CONTRACTOR IS REQUIRED TO KEEP THE PROJECT FREE FROM LITTER. AT THE REQUEST OF THE CITY, THE CONTRACTOR SHALL PICK UP ALL LITTER WITHIN THE PROJECT REGARDLESS OF THE SOURCE OF THE LITTER. THIS IS CONSIDERED SUBSIDIARY TO THE VARIOUS BID ITEMS OF THE CONTRACT.
9.

THE CONTRACTOR SHALL PERFORM THE REMOVAL OF ANY OBSTRUCTION(S) ON THE SITE AND IN THE STREET RIGHT OF WAY AND/OR EASEMENTS OF ANY KIND, NOT SHOWN ON THE PLANS, AND PAYMENT SHALL BE CONSIDERED SUBSIDIARY.
10.

ALL MATERIALS REMOVED FROM THE PROJECT ARE THE PROPERTY OF THE CONTRACTOR, UNLESS OTHERWISE DIRECTED BY THE CITY.
11.

THE CONTRACTOR SHALL NOTIFY ALL EMERGENCY UNITS, LOCAL SCHOOLS AND SCHOOL DISTRICTS OPERATING WITHIN THE AREA OF THE PROPOSED WORK OF ANY LANE CLOSURES AND CONSTRUCTION SCHEDULES WITH 72 HOURS MINIMUM ADVANCED NOTICE.
12.

THE CONTRACTOR SHALL MAINTAIN FIRE EMERGENCY VEHICLE ACCESS TO ALL STREETS AND FIRE HYDRANTS THROUGHOUT THE DURATION OF THE PROJECT. INACTIVE FIRE HYDRANTS SHALL BE BLACK BAGGED.
13.

MATERIAL TESTING SHALL BE COORDINATED WITH THE PROJECT INSPECTOR. THE PROJECT INSPECTOR SHALL BE PRESENT DURING ALL TESTS AND SHALL BE GIVEN A MINIMUM OF 24 HOURS ADVANCED NOTICE PRIOR TO ANY TESTING. PROJECT INSPECTOR WILL DETERMINE THE ADDITIONAL TESTING AND EXTRA INSPECTION REQUIRED TO INSURE CONFORMANCE WITH THE CONTRACT DOCUMENTS.
14.

THE CONTRACTOR WILL VIDEO ALL BUILDING FACADES WITHIN THE CONSTRUCTION LIMITS PRIOR TO WORK AND CONDUCT A PRE-CONSTRUCTION VIDEO TAPING OF ENTIRE PROJECT LIMITS IN DETAIL. VIDEOS SHALL INCLUDE DATE NOTATION AND AUDIO IDENTIFICATION OF PROPERTY. THIS SHALL BE CONSIDERED SUBSIDIARY WORK. CONTRACTOR SHALL SPRAY PAINT ADDRESS NUMBERS ON DRIVE APPROACHES. A COPY OF THE VIDEO SHALL BE PROVIDED TO THE CITY.

15.

ALL AREAS DISTURBED OR EXPOSED DURING CONSTRUCTION SHALL BE RE-VEGETATED IN ACCORDANCE WITH THE CONSTRUCTION PLANS AND/OR PROJECT SPECIFICATIONS. RE-VEGETATION OF ALL DISTURBED OR EXPOSED AREAS SHALL CONSIST OF SODDING, SEEDING OR HYDRO-MULCH AS INDICATED IN THE PLANS & SPECS. HOWEVER, THE TYPE OF RE-VEGETATION MUST EQUAL OR EXCEED THE TYPE OF VEGETATION PRESENT BEFORE CONSTRUCTION BEGAN.
16.

CONTRACTOR SHALL MAKE THE WORK SITE AND ANY OPEN TRENCHES SECURE AND SAFE AT THE END OF EVERY DAY. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF ANY FENCING OR ANY OTHER SAFETY EQUIPMENT.
17.

THE CONTRACTOR SHALL REMOVE ALL FENCES, LOCATED WITHIN EASEMENTS, INTERFERING WITH CONSTRUCTION OPERATION AND PROVIDE TEMPORARY FENCING DURING CONSTRUCTION. REMOVED FENCES, WOODEN OR CHAIN LINK, SHALL BE REPLACED WITH A NEW FENCE OR UNDAEMAGED ORIGINAL FENCING. ALL AFFECTED PROPERTY OWNERS SHALL BE NOTIFIED PRIOR TO CONSTRUCTION. REMOVAL AND REPLACEMENT OF EXISTING FENCES SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT COST AND REFLECTED IN THE UNIT BID PRICES FOR VARIOUS ITEMS LISTED IN THE PROPOSAL.
18.

WHEN IT IS REQUIRED THAT A CONTRACTOR WORK IN PRIVATE PROPERTY, THE CONTRACTOR SHALL DISTRIBUTE LETTERS TO ALL AFFECTED PROPERTY OWNERS 48 HOURS PRIOR TO BEGINNING WORK ON EACH PROPERTY. THE LETTER SHALL INCLUDE NAMES AND TELEPHONE NUMBERS OF CONTRACTOR CONTACTS, A DESCRIPTION OF THE WORK TO BE DONE, AND THE TIME FRAME FOR DOING THE WORK. COPIES OF THE LETTER SHALL BE FORWARDED TO THE CITY INSPECTOR. DISTRIBUTION OF LETTERS SHALL BE CONSIDERED AS SUBSIDIARY TO THE COST OF PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
19.

THE CONTRACTOR SHALL REMOVE FROM THE PROJECT AREA ALL SURPLUS MATERIAL. THIS SHALL BE INCIDENTAL AND NOT A SEPARATE PAY ITEM. SURPLUS MATERIALS FROM EXCAVATION INCLUDING DIRT, TRASH, ETC. SHALL BE PROPERLY DISPOSED OF AT A SITE ACCEPTABLE TO THE CITY'S FLOOD PLAIN ADMINISTRATOR IF WITHIN THE CITY LIMITS. IF THE LOCATION IS NOT WITHIN THE CITY LIMITS, THE CONTRACTOR SHALL PROVIDE A LETTER STATING SO. NO EXCESS EXCAVATED MATERIAL SHALL BE DEPOSITED IN LOW AREAS OR ALONG NATURAL DRAINAGE WAY WITHOUT WRITTEN PERMISSION FROM THE AFFECTED PROPERTY OWNER AND THE CITY'S FLOOD PLAIN ADMINISTRATOR. IF THE CONTRACTOR PLACES EXCESS MATERIAL IN THE AREAS WITHOUT WRITTEN PERMISSION, HE WILL BE RESPONSIBLE FOR ALL DAMAGE RESULTING FROM SUCH FILL AND HE SHALL REMOVE THE MATERIAL AT HIS OWN COST. THE CONTRACTOR SHALL NOT PLACE FILL OR WASTE MATERIAL ON ANY PRIVATE PROPERTY WITHOUT PRIOR WRITTEN PERMISSION FROM THE PROPERTY OWNER AND PROVIDE CITY WITH A COPY.

20.

ALL EXISTING CONCRETE AND ASPHALT DRIVEWAYS ARE TO BE SAW-CUT WHEN CONSTRUCTING A NEW CONCRETE DRIVEWAY APPROACH.
21.

ALL ROADWAY DIMENSIONS ARE TO THE BACK-OF-CURB UNLESS OTHERWISE NOTED.
22.

ALL EXCAVATIONS, TRENCHING AND SHORING OPERATIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE U.S. DEPARTMENT OF LABOR, OSHA, "CONSTRUCTION SAFETY AND HEALTH REGULATIONS", VOL. 29, SUBPART P., PG 128-137, AND ANY AMENDMENTS THERETO.
23.

DISTANCE BETWEEN ALL WATERLINES AND SANITARY SEWERS SHALL CONFORM TO THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) REGULATIONS (CHP. 290.44 (E) (4) (A&B)).
24.

CONTRACTOR'S PERSONNEL SHALL HAVE IDENTIFYING CLOTHING, HATS OR BADGES AT ALL TIMES WHICH IDENTIFY THE CONTRACTOR'S NAME, LOGO OR COMPANY.
25.

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ADEQUATE SITE DRAINAGE THROUGHOUT THE DURATION OF THIS PROJECT.
26.

THE CONTRACTOR SHALL AVOID DAMAGING ANY EXISTING WATER SPRINKLER SYSTEM THAT MAY BE IN THE CONSTRUCTION AREA AND WILL BE RESPONSIBLE FOR REPAIRS TO ANY DAMAGED HEADS OR LINES. REPLACEMENT, AS NECESSARY, SHALL BE AT LIKE OR BETTER MATERIAL AND INSTALLED BY A LICENSED IRRIGATOR, AT THE CONTRACTORS EXPENSE. DAMAGED SPRINKLERS SHALL BE REPLACED THE SAME DAY THEY ARE DAMAGED, TO THE SATISFACTION OF THE CITY, DEVELOPER AND OWNER.

27.

ALL DRIVEWAYS, WHICH SHALL BE SAW CUT, SHALL HAVE ACCESS PROVIDED AT ALL TIMES. CLOSURES, PART OR FULL OF ANY DRIVEWAYS, SHALL BE COORDINATED WITH PROPERTY OWNER. FOR DRIVEWAY TIE-INS THAT EXTEND BEYOND THE RIGHT-OF-WAY, THE CONTRACTOR SHALL COORDINATE WITH THE CITY AND THE PROPERTY OWNER TO OBTAIN PERMISSION TO ACCESS THE PROPERTY AS NECESSARY TO HARMONIZE THE DRIVEWAY CONNECTION.

TRAFFIC CONTROL PLAN & WORK SCHEDULE

1.

THE CONTRACTOR SHALL MAINTAIN TEMPORARY TRAFFIC CONTROL MEASURES THROUGHOUT THE PROJECT THAT ARE CONSTANTLY IN FULL COMPLIANCE WITH THE CURRENT VERSION OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
2.

THE TRAFFIC CONTROL PLAN SHALL COMPLY WITH TXDOT'S LATEST VERSION OF "BARRICADE AND CONSTRUCTION GENERAL NOTES AND REQUIREMENTS". THE CONTRACTOR SHALL UTILIZE TXDOT'S LATEST STANDARD TRAFFIC CONTROL PLAN SHEETS.
3.

THE CONTRACTOR SHALL SUBMIT FOR THE CITY'S REVIEW AND ACCEPTANCE A TEMPORARY AND LONG-TERM TRAFFIC CONTROL PLAN PREPARED BY A PROFESSIONAL ENGINEER, AND/OR TRAFFIC SPECIALIST, SHOWING THE CONTRACTOR'S PROPOSED MEANS OF COMPLIANCE WITH THIS SECTION. NO WORK SHALL BE PERFORMED UNTIL THE CONTRACTOR HAS RECEIVED THE CITY'S APPROVAL OF THE TEMPORARY AND LONG-TERM TRAFFIC CONTROL PLAN.
4.

THE CITY MAY ORDER ALL WORK STOPPED IF THE CONTRACTOR FAILS TO COMPLY WITH THE TEMPORARY AND LONG-TERM TRAFFIC CONTROL PLAN.
5.

THE CONTRACTOR SHALL NOT CONDUCT ANY OPERATIONS OR PERFORM ANY WORK PERTAINING TO THE PROJECT BETWEEN THE HOURS OF 6:00pm AND 7:00am WITHOUT PRIOR APPROVAL OF THE ENGINEER. ALL DRIVEWAYS AND INTERSECTIONS SHALL BE ACCESSIBLE DURING THIS TIME.
6.

THE CONTRACTOR SHALL NOTIFY THE CITY AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF WORK.
7.

THE CONTRACTOR SHALL NOTIFY ALL ADJACENT PROPERTY OWNERS AND BUSINESS OF LANE CLOSURES, STREET CLOSURES, AND OF A PROPOSED CONSTRUCTION SCHEDULE.
8.

THE CONTRACTOR SHALL MAINTAIN SUITABLE ACCESS TO PRIVATE PROPERTY OWNERS, THE ENGINEER AND THE CITY, AT ALL TIMES DURING CONSTRUCTION.
9.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE ACCESS FOR THE DELIVERY OF MAIL BY THE U.S. POSTAL SERVICE.
10.

CONTRACTOR SHALL SUBMIT A WORK SCHEDULE AND UPDATE AS THE SCHEDULE CHANGES TO THE CITY.

CONSTRUCTION INSPECTION AND MATERIALS TESTING

1.

CONSTRUCTION INSPECTION SHALL BE AT THE DISCRETION OF THE CITY WITHIN THE REQUIREMENTS OF THE CITY. THE CONTRACTOR SHALL KEEP THE ENTIRE PROJECT SITE ACCESSIBLE TO THE CITY AND ANY OTHER GOVERNMENTAL ENTITY THAT MAY EXERCISE REGULATORY CONTROL OF THE PROJECT OR ANY PORTION OF THE WORK.
2.

ALL REQUIRED MATERIAL TESTING AND/OR INSPECTION SHALL BE ARRANGED FOR AND PAID FOR BY THE CITY. THE CONTRACTOR SHALL BE REQUIRED TO PAY FOR ANY RETESTING AND/OR REINSPECTION OF MATERIALS OR WORK RESULTING FROM THE FAILURE OF THE INITIAL TEST PAID FOR BY THE CITY OR ANY SUBSEQUENT TESTING AND/OR INSPECTION REQUIRED BECAUSE OF FAILURE OF PREVIOUSLY TESTED MATERIALS AND/OR WORK PERFORMED. MINIMUM TESTING REQUIREMENTS SHALL BE AS ESTABLISHED BY THE CITY. THE CONTRACTOR SHALL PAY FOR ANY QUALITY CONTROL TESTING THAT IS DEEMED NECESSARY BY THE CONTRACTOR.

PROTECTION OF WORK

1.

THE CONTRACTOR SHALL MAKE SAFE AND PROTECT ALL AREAS, WHETHER WITHIN OR OUTSIDE OF THE ACTUAL LIMITS OF CONSTRUCTION. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO A CONDITION AS GOOD AS, OR BETTER THAN, THAT PRESENT PRIOR TO THE CONSTRUCTION. THE CITY SHALL BE THE SOLE JUDGE AS THE ACCEPTABILITY OF THE RESTORATION.

2.

PERMANENT FEATURES TO REMAIN, INDICATED HEREIN ON THE PLANS OR OTHERWISE, SHALL BE IDENTIFIED, MARKED, AND PROTECTED FROM DAMAGE OR REMOVAL BY THE CONTRACTOR.
3.

ALL CONSTRUCTION AND CONSTRUCTION EQUIPMENT SHALL REMAIN WITHIN THE ESTABLISHED WORK AREA UNLESS THE CITY HAS GRANTED PRIOR AUTHORIZATION.
4.

CONSTRUCTION VEHICLES AND EQUIPMENT SHALL BE LIMITED TO THE AREAS TO WHICH WORK IS TO BE PERFORMED. ANY AREAS OUTSIDE OF THE WORK AREA THAT HAS EXPERIENCED DAMAGE (SUCH AS TREES, OR LOSS OF VEGETATIVE COVER) FROM THE CONSTRUCTION, STORAGE OF EQUIPMENT AND/OR MATERIALS, OR ANY OTHER PROCESS ASSOCIATED WITH CONSTRUCTION, SHALL BE REPAIRED BY THE CONTRACTOR AT HIS SOLE EXPENSE TO THE SATISFACTION OF THE CITY.
5.

ANY DAMAGE CREATED BY ANY EQUIPMENT OR ANY OTHER MEANS ON THE PROJECT OR ON ADJACENT PROPERTIES AND/OR STREETS AND ROADS SHALL BE REPAIRED TO THE CITY'S SATISFACTION AT THE CONTRACTOR'S SOLE EXPENSE.
6.

THE CONTRACTOR SHALL NOT CUT OR TRIM TREES WITHOUT CONSENT OF THE CITY. SUCH WORK IS SUBSIDIARY. STUMPS SHALL BE GROUND AND ROOT SYSTEMS REMOVED TO A CLEAR DEPTH OF 36" BELOW EXISTING GROUND.
7.

LARGE CONSTRUCTION EQUIPMENT (OR ANY OTHER EQUIPMENT DEEMED LARGE BY THE CITY) SHALL NOT BE ALLOWED ON ANY ROADWAY/PARKING AREA ONCE IT HAS BEEN PAVED. ANY DAMAGE CREATED BY ANY EQUIPMENT ON THE SUB-GRADE, BASE COURSE(S), STRUCTURES, AND/OR PAVEMENT SHALL BE REPAIRED TO THE CITY'S SATISFACTION AT THE CONTRACTOR'S SOLE EXPENSE.

STORM WATER POLLUTION PREVENTION PLAN

1.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IN ACCORDANCE WITH APPROPRIATE TCEQ REGULATIONS AND CITY SPECIFICATIONS AND TPDES CONSTRUCTION GENERAL PERMIT, COMPLYING WITH THE REQUIREMENTS THEREOF FOR THE PROJECT.
2.

WITH THE PERMISSION OF THE CITY, THE CONTRACTOR MAY ESTABLISH A YARD ON THE PROJECT PROVIDED ADEQUATE SPACE IS AVAILABLE. POLLUTION PREVENTION METHODS/BMPs MUST BE UTILIZED IN THE YARD FOR ANY STORAGE AREAS THAT COULD CAUSE A POTENTIAL POLLUTANT RELEASE.
3.

THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING EROSION AND SEDIMENT CONTROL BMP'S TO PREVENT SEDIMENT FROM REACHING PAVED AREAS, STORM SEWERS SYSTEMS, DRAINAGE COURSES, AND ADJACENT PROPERTIES. IN THE EVENT THE PREVENTION MEASURES ARE NOT EFFECTIVE, THE CONTRACTOR SHALL REMOVE ALL DEBRIS, SILT OR MUD AND RESTORE THE RIGHT-OF-WAY OR ORIGINAL PROPERTIES TO A CONDITION AS GOOD AS, OR BETTER THAN THE PROPERTY WAS PRIOR TO THE EVENT AND WITHIN 24 HOURS OF THE OCCURRENCE. THE CONTRACTOR SHALL REMOVE TEMPORARY BMPs AND PREPARE PROPERTIES FOR FINAL STABILIZATION WHEN CONSTRUCTION IS COMPLETE.

SPECIFICATIONS

1.

ALL ITEMS REFERENCED HEREIN REFERRED TO AS "ITEM" AND/OR "CITY STANDARD SPECIFICATION ITEM NO(S)" SHALL BE A REFERENCE TO THE ITEMS LISTED IN THE LATEST EDITION OF CITY OF SAN ANGELO STANDARD SPECIFICATIONS, TEXAS DEPARTMENT OF TRANSPORTATION LATEST EDITION OF STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MAINTENANCE OF HIGHWAYS, STREETS AND BRIDGES AND DETAILS FOR CONSTRUCTION AND IS INCORPORATED HEREIN BY REFERENCE.
2.

THE CONTRACTOR SHALL BRING CONFLICTS BETWEEN CONTRACT DOCUMENTS TO THE CITY'S ATTENTION WITH RESOLUTION FROM CITY ENGINEER DERIVED FROM THE FOLLOWING:
(A) FEDERAL/STATE/LOCAL LAW, RULES OR ORDINANCES.
(B) CONSTRUCTION PLANS.
(C) SHOULD THE CONTRACT DRAWINGS AND CONTRACT SPECIFICATIONS DIFFER, THE MORE STRINGENT SHALL APPLY UNLESS PRIOR WRITTEN APPROVAL IS GRANTED.
(D) GENERAL NOTES.

CITY OF SAN ANGELO
ENGINEERING SERVICES



CITY HALL ANNEX
301 W. BEAUREGARD AVE.
SAN ANGELO, TX. 76903
(325)657-4201
www.cosa.tx.us

DATE				
DESCRIPTION				
NO				

The Seal appearing on this document was authorized by Russell J. Pehl on April 11, 2019.

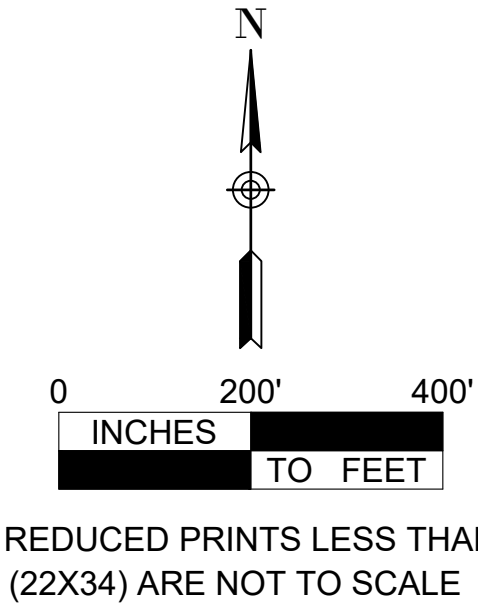
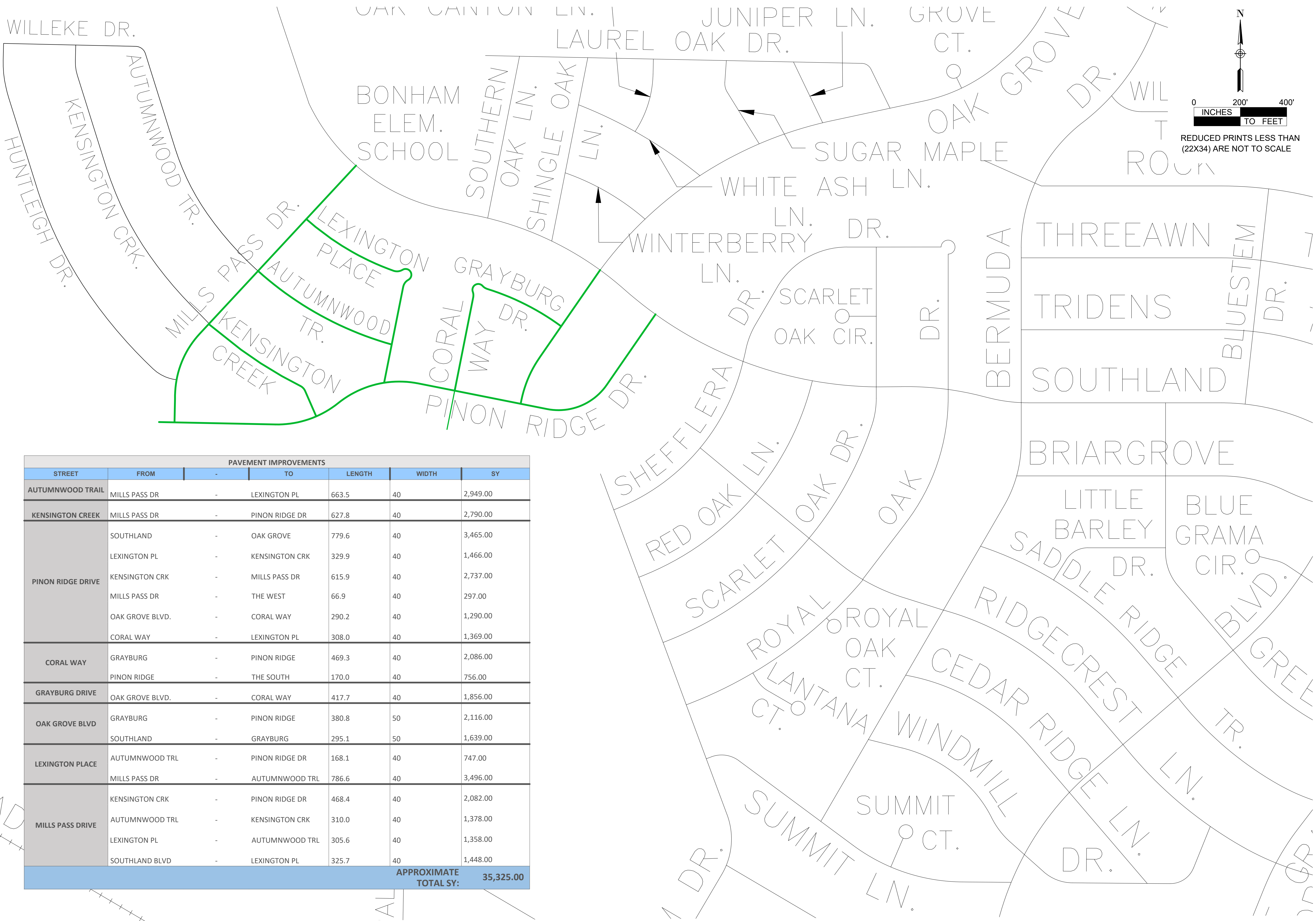


Russell J. Pehl

ES-X-XX	GENERAL NOTES - HIGH DENSITY MINERAL BOND		
		PROJECT NO: 2016-12-312	DRAWN BY: TMG
		DESIGN BY: TMG	

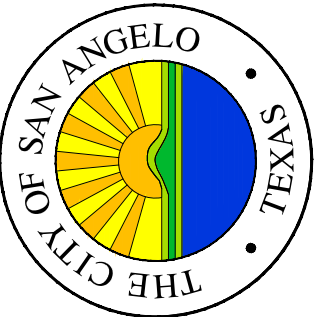
SCALE: N.T.S.			
DATE: ####/##/##			
ARCHIVE NO: #-###			
SHEET NO. #-###			

2 OF 4



PAVEMENT IMPROVEMENTS						
STREET	FROM	-	TO	LENGTH	WIDTH	SY
AUTUMNWOOD TRAIL	MILLS PASS DR	-	LEXINGTON PL	663.5	40	2,949.00
KENSINGTON CREEK	MILLS PASS DR	-	PINON RIDGE DR	627.8	40	2,790.00
PINON RIDGE DRIVE	SOUTHLAND	-	OAK GROVE	779.6	40	3,465.00
	LEXINGTON PL	-	KENSINGTON CRK	329.9	40	1,466.00
	KENSINGTON CRK	-	MILLS PASS DR	615.9	40	2,737.00
	MILLS PASS DR	-	THE WEST	66.9	40	297.00
	OAK GROVE BLVD.	-	CORAL WAY	290.2	40	1,290.00
CORAL WAY	CORAL WAY	-	LEXINGTON PL	308.0	40	1,369.00
	GRAYBURG	-	PINON RIDGE	469.3	40	2,086.00
GRAYBURG DRIVE	PINON RIDGE	-	THE SOUTH	170.0	40	756.00
	OAK GROVE BLVD.	-	CORAL WAY	417.7	40	1,856.00
OAK GROVE BLVD	GRAYBURG	-	PINON RIDGE	380.8	50	2,116.00
	SOUTHLAND	-	GRAYBURG	295.1	50	1,639.00
LEXINGTON PLACE	AUTUMNWOOD TRL	-	PINON RIDGE DR	168.1	40	747.00
	MILLS PASS DR	-	AUTUMNWOOD TRL	786.6	40	3,496.00
MILLS PASS DRIVE	KENSINGTON CRK	-	PINON RIDGE DR	468.4	40	2,082.00
	AUTUMNWOOD TRL	-	KENSINGTON CRK	310.0	40	1,378.00
	LEXINGTON PL	-	AUTUMNWOOD TRL	305.6	40	1,358.00
	SOUTHLAND BLVD	-	LEXINGTON PL	325.7	40	1,448.00
APPROXIMATE TOTAL SY:						35,325.00

CITY OF SAN ANGELO
ENGINEERING SERVICES



CITY HALL ANNEX
301 W. BEAUREGARD AVE.
SAN ANGELO, TX. 76903
(325) 657-4201
www.cosatx.us

DATE

DESCRIPTION

NO

The Seal appearing on this document was authorized by Russell J. Pell, P.E. 104755 on April 8, 2019.



Russell J. Pell

ES-X-XX

HIGH DENSITY MINERAL BOND-SECTION 1

PRESTONWOOD ADDITION

PROJECT NO: 2016-12-312

DESIGN BY: TMG

DRAWN BY: TMG

SCALE: 1"=200'

DATE: ####/###/####

ARCHIVE NO: #####

SHEET NO: ####

3 OF 4

4/17/2019 4:18 PM

L:\ENGINEERING\PROJECTS\STREETS\2016\2016-12-312 HIGH DENSITY MINERAL BOND STREET TREATMENT\1 DESIGN\DWG\HIGH DENSITY MINERAL BOND - 100%.DWG

ISA TR.

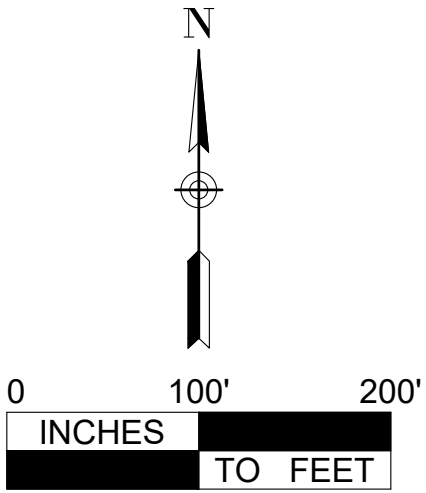
WILLEKE DR.

HUNTLEIGH DR.

KENSINGTON CRK.

AUTUMNWOOD TR.

MILLS PASS DR.
KENSINGTON TR.
LEX PLAC
AUTUMNWOOD TR.
CREEK



REDUCED PRINTS LESS THAN
(22X34) ARE NOT TO SCALE

PAVEMENT IMPROVEMENTS						
STREET	FROM	-	TO	LENGTH	WIDTH	SY
AUTUMNWOOD TRL	WILLEKE DR	-	MILLS PASS DR	1,105.6	40	4,914.00
KENSINGTON CREEK	WILLEKE DR	-	MILLS PASS DR	1,300.0	40	5,778.00
HUNTLEIGH DR	WILLEKE DR	-	PINON RIDGE DR	1,689.0	40	7,507.00
WILLEKE DR	AUTUMNWOOD TRL	-	KENSINGTON CRK	154.5	40	687.00
	KENSINGTON CRK	-	HUNTLEIGH DR	312.0	40	1,387.00
	HUNTLEIGH DR	-	THE WEST	155.0	40	689.00
APPROXIMATE TOTAL SY:						20,962.00

CITY OF SAN ANGELO
ENGINEERING SERVICES

CITY HALL ANNEX
301 W. BEAUREGARD AVE.
SAN ANGELO, TX. 76903
(325)657-4201
www.cosatx.us



NO	DESCRIPTION	DATE

The Seal appearing on this document was authorized by Russell J. Pelt, P.E. 104755 on April 6, 2019.

ES-X-XX	HIGH DENSITY MINERAL BOND-SECTION 2
PRESTONWOOD ADDITION	
PROJECT NO: 2016-12-312	
DESIGN BY: TMG	DRAWN BY: TMG

SCALE: 1"=100'	DATE: ###/##/####
ARCHIVE NO: #####	SHEET NO: ###
4 OF 4	