

CITY OF SAN ANTONIO

ADDENDUM No. 2

SUBJECT: Formal Invitation for Bids (IFB) for 2014 Asphalt Overlay Package 4
Dated October 18, 2013

DATE: **November 8, 2013**

Addendum No. 2 includes the following:

- Substitute and utilize the revised **Form 025 Unit Pricing** form attached:
 - a. All quantities are adjusted for the removal from the contract of SMP Project 27210 McCullough Ave – Oblate to Shannon Lee.
 - b. Item 340 description is revised to include Class A aggregate (trap rock).
 - c. Item 340 quantity is adjusted to reflect an average application rate of 220 lb/SY.

- Substitute and utilize the revised Plans sheets attached (6 sheets):
 - a. Title Sheet omitting the SMP Project 27210 McCullough Ave – Oblate to Shannon Lee.
 - b. General Notes Sheet 1 of 5, Note 31 revised to specify Class A aggregate (trap rock).
 - c. General Notes Sheet 2 of 5, Note 50 is omitted.
 - d. Replaced Summary of Quantities Sheets 7 and 8 of 60.
 - e. Replaced Detail Sheet 18A of 60 to revise note 5 for mill depth.

**** NOTE ADDENDUM ACKNOWLEDGEMENT FORM IS REQUIRED TO BE RETURNED WITH THE BID PACKAGE****

**CITY OF SAN ANTONIO
DEPARTMENT OF PUBLIC WORKS**

RECEIPT OF ADDENDUM NUMBER (S) 2 IS HEREBY ACKNOWLEDGED FOR PLANS AND SPECIFICATIONS FOR CONSTRUCTION OF **2014 Asphalt Overlay Package 4**

FOR WHICH BIDS WILL BE OPENED ON **Tuesday, November 19, 2013 at 2:00 P.M.**

THIS ACKNOWLEDGEMENT MUST BE SIGNED AND RETURNED WITH THE BID PACKAGE.

Company name: _____

Address: _____

City/State/Zip Code: _____

Date: _____

Signature

Print Name/Title

CITY OF SAN ANTONIO
REVISED 025 UNIT PRICING FORM
11-8-2013

PROJECT NAME: 2014 Asphalt Overlay Package 4
PROJECT NO. 23-01403-04-05-01

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
	103.1			Remove Concrete Curb	LF	1,814			
	103.3			Remove Sidewalks and Driveways	SY	1,489			
	203			Tack Coat	GAL	2,902			
	208.2			Salvaging, Hauling & Stockpiling Reclaimable Asph. Pvm't (Loose Vehicle Msm't)	CY	1,412			
	209.1			Bus Stop Concrete Pavement (10" depth)	SY	666			
	230.3			Replacing Base & Pvm't With Type A Pvm't (6" Compacted Depth)	SY	37,929			
	230.3			Replacing Base & Pvm't With Type A Pvm't (8" Compacted Depth)	SY	380			
	230.3			Replacing Base & Pvm't With Type A Pvm't (12" Compacted Depth)	SY	380			
	241			Emulsion Aggregate Slurry Seal Mix	SY	1,150			
	250			Seal Coat	SY	290,012			
	315			Fog Seal (TRMSS)	GAL	1,900			
	340			Hot Mix Asphaltic Pavement Type C (Class A, Trap Rock)	TON	31,900			
	* 340			Hot Mix Asphaltic Pavement Type C (Class A, Trap Rock) (level-up)	TON	3,190			
	438			Cleaning Existing Joints	LF	100			
	454			Header Type Expansion Joint Sealant	LF	100			
	500			Concrete Curb, Gutter, and Concrete Curb and Gutter	LF	1,814			
	502.1			Concrete Sidewalks	SY	977			
	502.1A			Curb Ramps	EA	114			
	503.1			Portland Cement Concrete Driveways	SY	580			
	512.1			Adjusting Existing Manholes (Storm Sewer)	EA	10			
	512.1B			Adjusting Existing Manholes (AT&T)	EA	10			
	515.1			Top Soil	CY	196			
	516.1			Sodding	SY	194			
	533-A			Eliminate Existing Pavement Markings and Raised Markers (4")	LF	360			
	533-B			Eliminate Existing Pavement Markings and Raised Markers (8")	LF	200			
	533-C			Eliminate Existing Pavement Markings and Raised Markers (12")	LF	200			
	533-E			Eliminate Existing Pavement Markings and Raised Markers (24")	LF	200			
	533-F			Eliminate Existing Pavement Markings and Raised Markers (SYMBOL)	EA	4			
	533-G			Eliminate Existing Pavement Markings and Raised Markers (WORD)	EA	4			
	533-H			Eliminate Existing Pavement Markings and Raised Markers (RR-Xing)	EA	4			
	535.1			4" Wide Yellow Line	LF	71,900			
	535.2			4" Wide White Line	LF	30,100			
	535.4			8" Solid White Line	LF	600			

CITY OF SAN ANTONIO
REVISED 025 UNIT PRICING FORM
 11-8-2013

PROJECT NAME: 2014 Asphalt Overlay Package 4
 PROJECT NO. 23-01403-04-05-01

535.5		12" Wide White Line	LF	150			
535.7		24" Wide White Line	LF	3,010			
535.12		Word "ONLY"	EA	11			
535.14		Railroad Crossing Symbol (two R's, crossbuck, 3 transverse bars)	EA	1			
535.16		Straight White Arrow Bicycle Facility	EA	2			
535.17		Bicycle Rider Symbol	EA	2			
535.22		White Sharrow (Bike Shared Lane)	EA	4			
535.23		White Arrow (Left/Right/Straight)	EA	57			
537.1		Traffic Button (Type W)	EA	3,675			
537.2		Traffic Button (Type Y)	EA	1,830			
537.6		Pavement Marker (Type I-C)	EA	50			
537.8		Pavement Marker (Type II A-A)	EA	50			
537.9		Pavement Marker (Type II C-R)	EA	75			
624.2		Ground Boxes Type B (122322)	EA	4			
712		Joint and Crack Sealing	LB	3,450			
799		Speed Hump, Type II, Modular Rubber Cushions (remove, furnish new, and install)	EA	11			
SP100		Door Hangers	LS	1			
SP500		Police Officer	HR	250			
SP800		Project Signs	EA	5			
SP2000		Railroad Insurance and Permit	LS	1			
					Total CoSA Bid Amount:		

CITY OF SAN ANTONIO
REVISED 025 UNIT PRICING FORM
 11-8-2013

PROJECT NAME: 2014 Asphalt Overlay Package 4
 PROJECT NO. 23-01403-04-05-01

SAWS Water Items							
826		Valve Box Adjustment (SAWS)	EA	135			
826 A		Valve Box Locate and Adjustment (SAWS)	EA	6			
SAWS Sewer Items							
851		Adjusting Existing Manholes (SAWS)	EA	79			
851 A		Locating and Adjusting Existing Manholes (SAWS)	EA	3			
					Total SAWS Bid Amount:		
					Total (CoSA + SAWS) Bid Amount:		

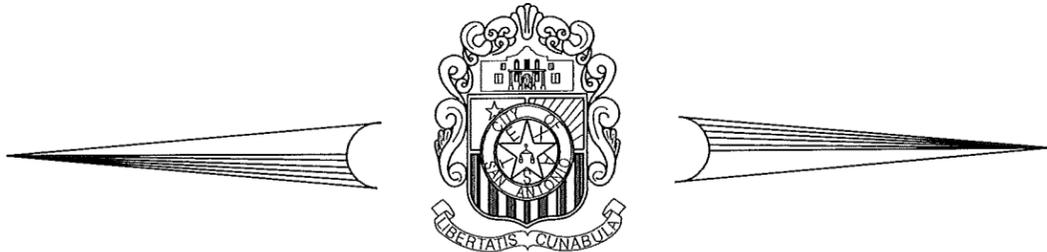
* The quantities for Item 340, HMAP Type C (Class A, Trap Rock)(level up) are approximate and its bid price shall not exceed the bid price of Item 340, HMAP Type C (Class A, Trap Rock) by more than 10%.

_____ certifies that the unit prices shown on this complete computer print-out for all of the bid items and the alternates contained in this proposal are the unit prices intended and that its bid will be tabulated using these unit prices and no other information from this print-out.

_____ Acknowledged and agrees that the total bid amount shown will be read as its total bid and further agrees that the official total bid amount will be determined by multiplying the unit bid prices shown in this print-out by the respective estimated quantities shown in the proposal and then totaling all of the extended amounts. _____ agrees to the terms, conditions, and requirements of the bidder's bid proposal.

Signed: _____ Date: _____

Title: _____



CITY OF SAN ANTONIO

DEPARTMENT OF PUBLIC WORKS

PLANNING AND ENGINEERING DIVISION

2014 ASPHALT OVERLAY (PKG 4)

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PROJECT LIST

26953	SAN PEDRO AVE - EL MONTE BLVD TO CLOWER
26954	SAN PEDRO AVE - CLOWER TO W LULLWOOD AVE
26971	W HILDEBRAND AVE - BRAD TO WARNER AVE
27113	JONES MALTSBERGER RD - NE LOOP 410 ACCESS RD TO US HWY 281 N ACCESS RD
OMIT	OMIT
27312	BREEDEN ST - SANTA MONICA TO W HILDEBRAND AVE
27468	FRESNO - IH 10 W ACCESS RD TO SAN PEDRO AVE
29027	LOVERA BLVD - CAPITOL AVE TO GRANT AVE
26091	STAR CREEK DR - WOODLINE TO REED RD
17175	HAMILTON WOLFE - EWING HALSELL TO FREDERICKSBURG RD
15013	STARCREST DR - JONES MALTSBERGER RD TO NE ENTRANCE RD & WURZBACH PKWY
25145	AIRPORT BLVD - NE LOOP 410 TO JOHN HUTH
26957	WEST AVE - W NAKOMA TO W SILVER SANDS
27114	JONES MALTSBERGER RD - REUNION PLACE TO US HWY 281 N ACCESS RD
17672	BROADWAY - NACOGDOCHES RD TO W NOTTINGHAM DR
18436	TOEPPERWEIN RD - IH 35 N ACCESS RD TO LOOKOUT RD
27385	RANDOLPH BLVD - S WEIDNER RD TO O'CONNOR RD



[Signature]
FERNANDO CAMARILLO, P.E. DATE 11/7/2013

PROJECT MANAGER



5835 CALLAGHAN RD, SUITE 200
SAN ANTONIO, TEXAS, 78228
(210) 349-4395 (FAX)
(210) 349-3273 (PH)
www.pozcam.com

TBPE REG. NO. F-483



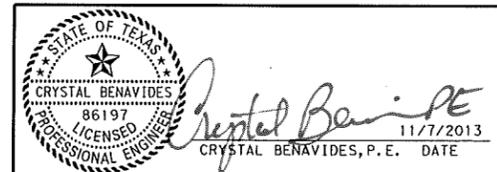
CITY OF SAN ANTONIO
DEPARTMENT OF PUBLIC WORKS

CITY GENERAL NOTES FOR ASPHALT OVERLAY PROJECTS (CONTINUED)

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- 32. ALL CONCRETE SURFACES AND CONSTRUCTION JOINTS THAT WILL CONTACT THE PROPOSED H.M.A.C. SHALL BE PAINTED WITH A THIN UNIFORM COAT OF SS-1H TACK COAT. TACK COAT SHALL MEET THE REQUIREMENTS OF ITEM 203 AND SHALL BE AT NO DIRECT PAY.
- 33. AT INTERSECTIONS WITH SIDEWALKS, THE FOLLOWING GUIDELINES WILL BE USED FOR THE PLACEMENT OF CURB RAMPS:
 - ALL CURB RAMPS SHALL HAVE TRUNCATED DOMES INSTALLED.
 - DESIGN DECISIONS ON CURB RAMPS WILL BE MADE IN THE FIELD WITH THE CITY INSPECTOR.
 - TYPE I (1) AND TYPE III (3) SHALL BE PAID AS TWO (2) EACH ITEM 502.1A
 - TYPE II, IV, & V (2,4 & 5) SHALL BE PAID AS ONE (1) EACH ITEM 502.1A
 - EACH CURB RAMP SHALL INCLUDE THE LANDING PLUS WINGS UP TO TWENTY-FOUR (24) FEET TOTAL LENGTH.
 - THE BID PRICE FOR THE CURB RAMPS SHALL INCLUDE ALL NECESSARY SUBSIDIARY WORK TO CONSTRUCT AND COMPLETE THE FOLLOWING:
 - SIDEWALK AND CURB DEMOLITION AND REMOVAL.
 - CURB RAMP LANDINGS AND WINGS UP TO 13 SY IN AREA. WHEN CURB RAMP LANDINGS PLUS WINGS TOTAL AREA EXCEEDS 13 SY, ANY ADDITIONAL AREA OF WINGS REQUIRED TO ACHIEVE MINIMUM SLOPE SHALL BE PAID AS SIDEWALK ITEM 502.1
 - DETECTABLE ADA APPROVED WARNINGS, SHALL BE CAST IN PLACE 24"X 60" MANUFACTURED BY ARMOR TILE MODEL NUMBER 465C246ORD UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 - NEW CURB INSTALLATION UP TO 24 L.F. ANY ADDITIONAL CURB LENGTH OVER 24 FEET SHALL BE PAID AS CURB ITEM 500.
 - CONCRETE RETAINING WALL UP TO 6" HIGH AS NECESSARY. RETAINING WALLS EXCEEDING 6" IN HEIGHT WILL BE PAID AS SIDEWALK.
 - SIGN ADJUSTMENT.
 - IRRIGATION RELOCATION AS NECESSARY.
 - LANDSCAPE RELOCATION AS NECESSARY.
- 34. SOME STREETS MAY HAVE EXISTING SPEED HUMPS. ALL EXISTING SPEED HUMPS SHALL BE REPLACED IN ACCORDANCE WITH THE DETAILS IN THE PLANS.
- 35. UNLESS OTHERWISE NOTED, CONTRACTOR SHALL USE 64-22 ASPHALT MIX ON ALL PROJECTS AS NOTED IN REVISED SPECIFICATIONS 205.
- 36. USE VACUUM OR REGENERATIVE AIR SWEEPERS ONLY WHEN SWEEPING WORK AREA.
- 37. ALL ASPHALT CUTTINGS AND AGGREGATE SHALL BE CONFINED TO THE STREET SURFACE WHERE THEY SHALL BE SWEEPED UP AND REMOVED FROM THE RIGHT-OF-WAY BY THE END OF EACH WORK DAY.
- 38. ALL BASE FAILURE REPLACEMENTS SHALL BE MARKED AND APPROVED BY THE ENGINEER.
- 39. PAVEMENT CUTS SHALL BE PERFORMED BY EQUIPMENT APPROVED BY THE ENGINEER. IT SHALL NOT PRESENT A HAZARD TO TRAFFIC. ALL SAW CUTS SHALL BE FULL DEPTH SAWCUTS.
- 40. THE DEPTH OF PAVEMENT FOR ITEM 230 (REPLACING BASE AND PAVEMENT) SHALL BE TO THE SPECIFIED DEPTH UNLESS DIRECTED OTHERWISE BY THE ENGINEER. PRIOR TO EXCAVATION, DESIGNATED BASE FAILURES SHALL BE CUT VERTICALLY FOR THE FULL DEPTH SPECIFIED WITH A ROCK SAW OR OTHER APPROVED EQUALLY CAPABLE EQUIPMENT. THE EDGES OF THE EXISTING ASPHALT WHICH ARE CUT BY THE ROCK SAW MUST BE VERTICAL, STRAIGHT, AND UNIFORM TO ENSURE THAT THE NEW ASPHALT ABUTS TO A SOLID, CLEAN VERTICAL SURFACE. PLACE ASPHALT TREATED BASE IN FOUR (4) INCH MAXIMUM LIFTS AND COMPACT EACH LIFT AND DOCUMENT THE DENSITY READING. TOP MAT REQUIRES APPROVAL/ACCEPTANCE OF THE ENGINEER.
- 41. DELIVER TRUCK TICKETS TO THE INSPECTOR FOR ALL ASPHALT TREATED BASE AND/OR HOT MIX ASPHALTIC PAVEMENT (TYPE A COARSE BASE) USED AS BASE MATERIAL. ALL TRUCK TICKETS SHALL HAVE THE NAME OF THE STREET THE MATERIAL WAS PLACED ON. THE YIELD FOR THE STREET WILL BE COMPUTED BY CONVERTING THE TONNAGE FOR THAT STREET TO SY AT THE RATE OF 110 LBS/SY PER INCH OF DEPTH. THE COMPUTATION OF THE YIELD WILL BE USED BY THE INSPECTOR TO CHECK THAT THE BASE REPAIR WAS COMPLETED TO THE SPECIFIED DEPTH FOR PAYMENT.
- 42. ALL DAILY BASE REPLACEMENTS SHALL BE PROPERLY EXCAVATED, BARRICADED, AND OPEN TO TRAFFIC THE SAME DAY. DO NOT EXCAVATE FOR BASE REPAIRS IF THE WORK CANNOT BE COMPLETED THAT DAY.
- 43. PLACE FLEXIBLE BASE AS DIRECTED BY THE ENGINEER WHERE BASE FAILURE EXCAVATION NECESSITATES EXCEEDING THE SPECIFIED DEPTH FOR ITEM 230 (REPLACING BASE AND PAVEMENT). (NO SEPARATE PAY ITEM)

- 44. ASPHALT TREATED "BASE AND PAVEMENT" MIXTURES SHALL BE AT A TEMPERATURE BETWEEN 225°F AND 350°F WHEN PLACED IN EXCAVATED CUTS. WHEN THE ASPHALT TEMPERATURES FALL BELOW 225°F, THE ASPHALT MUST BE DISCARDED AND PAYMENT WILL NOT BE MADE FOR THE DISCARDED MATERIAL.
- 45. FOR STREETS WITHOUT CURB AND GUTTER, THE CONTRACTOR SHALL INSTALL SHOULDER BACKING PER "SHOULDER BACKING DETAIL" PROVIDED ON DETAIL SHEET NO 18A OF 60. (NO SEPARATE PAY ITEM)
- 46. MILLING OF ASPHALTIC PAVEMENT SHALL BE PERFORMED THROUGHOUT TURNOUTS AND CUL DE SACS WHICH ARE ADJACENT TO STREETS WHICH HAVE BEEN IDENTIFIED IN THE PLANS TO BE MILLED.
- 47. ACTUAL DEPTHS OF MILLING ALONG CURB LINES AND ON BRIDGE DECKS SHALL BE AS DIRECTED BY THE ENGINEER. CONCRETE BRIDGE DECKS SHALL NOT BE MILLED.
- 48. EACH STREET SHALL BE SEAL COATED IN ITS ENTIRETY, INCLUDING ADJACENT TURNOUTS AND CUL DE SACS, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
- 49. TYPE "C" H.M.A.C. SHALL BE APPLIED AT AN AVERAGE RATE OF 220 LBS./S.Y. WITH A MINIMUM RATE OF 195 LBS./S.Y. A LEVEL UP H.M.A.C. COURSE MATERIAL MAY ALSO BE REQUIRED TO BE PLACED ON STREETS AT LOCATIONS AND DEPTHS AS DIRECTED BY THE ENGINEER TO REMOVE LOW SPOTS. THIS WORK WILL BE PAID BY THE TON UNDER ITEM 340.
- 50. OMIT
- 51. ALL QUANTITIES SHALL BE PRE-APPROVED BY THE ENGINEER.
- 52. CARE SHOULD BE TAKEN TO PREVENT MILLING FROM ENTERING INLETS AND STORM SEWERS. ALL MATERIAL ENTERING INLETS AND STORM SEWERS SHALL BE REMOVED BY THE CONTRACTOR AT NO ADDITIONAL COST.
- 53. WHEN THE CONTRACTOR PLACES A STOCKPILE OF HMAc MATERIAL ON SITE, THE MATERIAL SHALL BE USED PRIOR TO THE END OF THE WORK DAY. IF THE MATERIAL IS NOT USED, IT SHALL NOT BE USED ON ANY STREET.
- 54. CONTRACTOR SHALL FURNISH ALL TRUCK TICKETS FOR ASPHALT AS PROVIDED BY THE MATERIAL SUPPLIER(S). THE FOLLOWING INFORMATION WILL BE PRINTED ON EACH TICKET BY THE SUPPLIER: DATE, TIME, AMOUNT (IN TONS), AND STREET NAME WHERE THE MATERIALS WILL BE USED. EACH TICKET MUST BE SUBMITTED TO CITY OFFICIALS.
- 55. WHEN A RUBBER ADDITIVE IS REQUIRED, THE ASPHALT BINDER SHALL MEET THE REQUIREMENTS OF PG 64-22 G.T.R 10 AS SPECIFIED IN THE SPECIAL PROVISIONS OF THE SPECIFICATIONS.
- 56. THE CONTRACTOR SHALL VIDEO TAPE ALL PROJECTS PRIOR TO ANY CONSTRUCTION. A BACK UP COPY WILL BE SUBMITTED TO THE CITY OF SAN ANTONIO PAVEMENT ENGINEERING DIVISION BEFORE PROJECTS COMMENCE. ITEMS TO BE VIDEOTAPED NEED TO BE IDENTIFIED BY ADDRESS:
 - FENCES
 - MAILBOX FROM ALL SIDES
 - DRIVEWAY ENTRIES
 - CURBS, SIDEWALK, AND PEDESTRIAN WALKWAYS
 - ANY FORM OF LANDSCAPING ON RIGHT OF WAY (TREES, PLANTS, ETC.)
- 57. THE CONTRACTOR SHALL PROVIDE A SCHEDULE OF WORK FOR THE ENTIRE PROJECT WITHIN FOURTEEN (14) DAYS OF THE NOTICE TO PROCEED. THE CONTRACTOR SHALL NOT SCHEDULE MORE THAN ONE WEEK GAP IN THE WORK IN THE BASE SCHEDULE.
- 58. THE CONTRACTOR SHALL UTILIZE AND MAINTAIN ITEM 1000-WEB PORTAL. PAYMENT IS SUBSIDIARY TO OTHER ITEMS.
- 59. ALL WORK TO BE PERFORMED ON THE DOWNTOWN STREETS SHALL BE PERFORMED BETWEEN THE HOURS OF 8:00 PM AND 6:00 AM.
- 60. WHEN DIRECTED BY THE ENGINEER, FOG SEAL (TRMS) SHALL BE APPLIED AT A RATE OF 0.08 TO 0.15 GAL/SY.



NO	DATE	DESCRIPTION	DWG	CHK
		REVISIONS		

FY 2014 ASPHALT OVERLAY PROJECTS

GENERAL NOTES



DCN:				
CHK:	FC			
DWG:		STATE	COUNTY	SHEET NO.
CHK:	FC	TEXAS	BEXAR	3 OF 60

**2014 ASPHALT OVERLAY (PKG 4)
SUMMARY OF QUANTITIES**

ITEM NO.	BID ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNCIL DISTRICT							
				SMP PROJECT NUMBER	1 26953	1 26954	1 26971	1 27312	1 27468	1 29027	6 26091
				SAN PEDRO AVE from El Monte Blvd to Clower	SAN PEDRO AVE from Clower to W Lullwood Ave	W HILDERBRAND from Brad to Warner Ave	OMIT	BREEDEN ST from Santa Monica to W Hildebrand	FRESNO from IH 10 W Access to San Pedro Ave	LOVERA BLVD from Capital Ave to Grant Ave	STAR CREEK DR from Woodline to Reed Rd
103.1	Remove Concrete Curb	LF	1,814	100	100	100	0	100	600	40	100
103.3	Remove Sidewalks and Driveways	SY	1,489	100	100	50	0	149	450	80	60
203	Tack Coat	GAL	2,902	280	280	128	0	67	288	26	252
208.2	Salv. Haul & Stockpile Reclaimable Asph Pmnt (Loose Vehicle Msm't)	CY	1,412	200	200	125	0	46	175	18	0
209.1	Bus Stop Concrete Pavement	SY	666	666	0	0	0	0	0	0	0
230.3	Replacing Base & Pmnt With Type A Pmnt (6" Compacted Depth)	SY	37,929	5,600	5,600	2,560	0	1,167	2,304	451	2,018
230.3	Replacing Base & Pmnt With Type A Pmnt (8" Compacted Depth)	SY	380	35	35	30	0	20	30	10	26
230.3	Replacing Base & Pmnt With Type A Pmnt (12" Compacted Depth)	SY	380	35	35	30	0	20	30	10	26
241	Emulsion Aggregate Slurry Seal Mix	SY	1,150	100	100	50	0	50	100	50	100
250	Seal Coat	SY	290,012	28,000	28,000	12,800	0	6,667	28,800	2,577	25,225
315	Fog Seal (TRMSS)	GAL	1,900	150	150	100	0	100	100	100	100
340	Hot Mix Asphaltic Pavement Type C (Class A, Trap Rock)	TON	31,900	3,080	3,080	1,408	0	733	3,168	283	2,775
340	Hot Mix Asphaltic Pavement Type C (Class A, Trap Rock) (level-up)*	TON	3,190	308	308	140	0	73	317	28	278
438	Cleaning Existing Joints	LF	100	-	-	-	0	-	-	-	-
454	Header Type Expansion Joint Sealant	LF	100	-	-	-	0	-	-	-	-
500	Concrete Curb, Gutter, and Concrete Curb and Gutter	LF	1,814	100	100	100	0	100	600	40	100
502.1	Concrete Sidewalks	SY	977	70	70	40	0	30	417	20	40
502.1A	Curb Ramps	EA	114	12	16	12	0	10	8	2	22
503.1	Portland Cement Concrete Driveways	SY	580	40	40	20	0	120	40	60	20
512.1	Adjusting Existing Manholes (Storm Sewer)	EA	10	-	-	-	0	-	-	-	-
512.1B	Adjusting Existing Manholes (AT&T)	EA	10	-	-	-	0	-	-	-	-
515.1	Top Soil	CY	196	10	10	10	0	5	77	5	10
516.1	Sodding	SY	194	8	8	6	0	5	48	8	15
533-A	Eliminate Existing Pavement Markings and Raised Markers (4")	LF	360	0	0	40	0	0	40	0	0
533-B	Eliminate Existing Pavement Markings and Raised Markers (8")	LF	200	0	0	0	0	0	0	0	0
533-C	Eliminate Existing Pavement Markings and Raised Markers (12")	LF	200	-	-	-	0	-	-	-	-
533-D	Eliminate Existing Pavement Markings and Raised Markers (24")	LF	200	-	-	-	0	-	-	-	-
533-E	Eliminate Existing Pavement Markings and Raised Markers (SYMBOL)	EA	4	-	-	-	0	-	-	-	-
533-F	Eliminate Existing Pavement Markings and Raised Markers (WORD)	EA	4	-	-	-	0	-	-	-	-
533-G	Eliminate Existing Pavement Markings and Raised Markers (RR-Xing)	EA	4	-	-	-	0	-	-	-	-
535.1	4" Wide Yellow Line	LF	71,900	0	0	5,000	0	0	12,000	0	0
535.2	4" Wide White Line	LF	30,100	0	0	2,500	0	0	5,000	0	0
535.4	8" Solid White Line	LF	600	0	0	0	0	0	0	0	0
535.5	12" Wide White Line	LF	150	-	-	-	0	-	-	-	-
535.7	24" Wide White Line	LF	3,010	0	0	200	0	0	0	60	0
535.12	Word "ONLY"	EA	11	0	0	0	0	0	0	0	0
535.14	Railroad Crossing Symbol (2 R's, crossbuck, 3 transverse bars)	EA	1	0	0	0	0	0	1	0	0
535.16	Straight White Arrow Bicycle Facility	EA	2	-	-	-	0	-	-	-	-
535.17	Bike Rider Symbol	EA	2	-	-	-	0	-	-	-	-
535.22	White Sharrow (Bike Shared Lane)	EA	4	-	-	-	0	-	-	-	-
535.23	White Arrow (Left/Right/Straight)	EA	57	0	0	0	0	0	0	0	0
537.1	Traffic Button (Type W)	EA	3,675	-	-	-	0	-	-	-	-
537.2	Traffic Button (Type Y)	EA	1,830	-	-	-	0	-	-	-	-
537.6	Traffic Button (Type I-C)	EA	50	-	-	-	0	-	-	-	-
537.8	Traffic Button (Type II A-A)	EA	50	-	-	-	0	-	-	-	-
537.9	Pavement Marker (Type II C-R)	EA	75	-	-	-	0	-	-	-	-
624.2	Ground Boxes Type B (122322)	EA	4	-	-	-	0	-	-	-	-
712	Joint and Crack Sealing	LB	3,450	360	360	160	0	70	380	30	30
799	Speed Hump, Ty II, Mod. Rubber Cushions (remov, furn. new, and instl)	EA	11	0	0	0	0	0	0	0	11
SP100	Door Hangers	LS	1	-	-	-	0	-	-	-	-
SP500	Police Officer	HR	250	20	15	15	0	15	15	15	15
SP800	Project Signs	EA	5	-	-	-	0	-	-	-	-
SP2000	Railroad Insurance and Permit	LS	1	-	-	-	0	-	-	-	-
SAWS Water Items											
826	Valve Box Adjustment (SAWS)	EA	135	19	13	8	0	11	6	1	10
826 A	Valve Box Locate and Adjustment (SAWS)	EA	6	1	1	0	0	1	0	0	0
SAWS Sewer Items											
851	Adjusting Existing Manholes (SAWS)	EA	79	4	11	7	0	4	0	3	15
851 A	Locating and Adjusting Existing Manholes (SAWS)	EA	3	0	1	0	0	0	0	0	1

NOTES:
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NO	DATE	DESCRIPTION	DWG	CHK
FY 2014 ASPHALT OVERLAY SUMMARY OF QUANTITIES				
 CITY OF SAN ANTONIO DEPARTMENT OF PUBLIC WORKS				
 POZNECKI CAMARILLO				
5835 CALLAGHAN RD, SUITE 200 SAN ANTONIO, TEXAS 78228 (210) 349-4395 (FAX) http://www.pozcam.com/				
TBPE REG. NO. F-483 (210) 349-3273				

* THE QUANTITIES FOR ITEM 340, HMAP TYPE C (LEVEL UP) ARE APPROXIMATE AND ITS BID PRICE SHALL NOT EXCEED THE BID PRICE OF ITEM 340, HMAP TYPE C BY MORE THAN 10%.

**2014 ASPHALT OVERLAY (PKG 4)
SUMMARY OF QUANTITIES**

ITEM NO.	BID ITEM DESCRIPTION	UNIT	COUNCIL DISTRICT								
			8	9	9	9	1,9	9	10	10	10
SMP PROJECT NUMBER			17175	15013	25145	26957	27113	27114	17672	18436	27385
			HAMILTON WOLFE from Ewing Halsell to Fredericksburg	STARCREST DR from Jns. Maltsburger to NE Wurzbach	AIRPORT BLVD from NE Loop 410 to John Huth	WEST AVE from W Nakoma to W Silver Sands	JONES MALTSBERGER from NE 410 Acss. to US 281 N Acss.	JONES MALTSBERGER from Reunion Plce. to US 281 N Acss.	BROADWAY from Nacogdoches Rd to W Nottingham	TOEPPERWEIN RD from IH 35 N to Lookout Rd	RANDOLPH BLVD from S Weidner Rd to O'Connor Rd
103.1	Remove Concrete Curb	LF	0	100	50	100	100	100	24	100	100
103.3	Remove Sidewalks and Driveways	SY	0	100	50	90	60	50	30	60	60
203	Tack Coat	GAL	77	315	121	167	152	90	43	373	243
208.2	Salv. Haul & Stockpile Reclaimable Asph Pvmt (Loose Vehicle Msm't)	CY	53	150	75	75	50	25	125	50	45
209.1	Bus Stop Concrete Pavement	SY	0	0	0	0	0	0	0	0	0
230.3	Replacing Base & Pvmt With Type A Pvmt (6" Compacted Depth)	SY	1,339	3,933	1,092	2,917	1,895	1,125	384	3,360	2,184
230.3	Replacing Base & Pvmt With Type A Pvmt (8" Compacted Depth)	SY	10	30	20	24	20	20	10	30	30
230.3	Replacing Base & Pvmt With Type A Pvmt (12" Compacted Depth)	SY	10	30	20	24	20	20	10	30	30
241	Emulsion Aggregate Slurry Seal Mix	SY	50	100	50	50	50	50	50	100	100
250	Seal Coat	SY	7,653	31,467	12,133	16,667	15,156	9,000	4,267	37,333	24,267
315	Fog Seal (TRMSS)	GAL	100	150	100	150	150	100	100	150	100
340	Hot Mix Asphaltic Pavement Type C (Class A, Trap Rock)	TON	842	3,461	1,335	1,833	1,667	990	469	4,107	2,669
340	Hot Mix Asphaltic Pavement Type C (Class A, Trap Rock) (level-up)*	TON	84	346	134	183	167	99	47	411	267
438	Cleaning Existing Joints	LF	-	-	-	-	-	-	-	-	-
454	Header Type Expansion Joint Sealant	LF	-	-	-	-	-	-	-	-	-
500	Concrete Curb, Gutter, and Concrete Curb and Gutter	LF	0	100	50	100	100	100	24	100	100
502.1	Concrete Sidewalks	SY	0	70	10	50	40	30	10	40	40
502.1A	Curb Ramps	EA	0	2	2	8	8	4	4	4	0
503.1	Portland Cement Concrete Driveways	SY	0	40	40	40	20	20	20	30	30
512.1	Adjusting Existing Manholes (Storm Sewer)	EA	-	-	-	-	-	-	-	-	-
512.1B	Adjusting Existing Manholes (AT&T)	EA	-	-	-	-	-	-	-	-	-
515.1	Top Soil	CY	0	10	5	10	10	10	4	10	10
516.1	Sodding	SY	0	25	6	25	8	8	8	8	8
533-A	Eliminate Existing Pavement Markings and Raised Markers (4")	LF	0	40	0	40	40	40	40	40	40
533-B	Eliminate Existing Pavement Markings and Raised Markers (8")	LF	0	0	200	0	0	0	0	0	0
533-C	Eliminate Existing Pavement Markings and Raised Markers (12")	LF	-	-	-	-	-	-	-	-	-
533-D	Eliminate Existing Pavement Markings and Raised Markers (24")	LF	-	-	-	-	-	-	-	-	-
533-E	Eliminate Existing Pavement Markings and Raised Markers (SYMBOL)	EA	-	-	-	-	-	-	-	-	-
533-F	Eliminate Existing Pavement Markings and Raised Markers (WORD)	EA	-	-	-	-	-	-	-	-	-
533-G	Eliminate Existing Pavement Markings and Raised Markers (RR-Xing)	EA	-	-	-	-	-	-	-	-	-
535.1	4" Wide Yellow Line	LF	0	12,000	0	10,000	6,200	5,400	1,300	10,000	10,000
535.2	4" Wide White Line	LF	0	7,500	4,000	4,500	600	5,400	600	0	0
535.4	8" Solid White Line	LF	0	0	600	0	0	0	0	0	0
535.5	12" Wide White Line	LF	-	-	-	-	-	-	-	-	-
535.7	24" Wide White Line	LF	0	200	1,000	550	200	200	0	0	600
535.12	Word "ONLY"	EA	0	2	3	6	0	0	0	0	0
535.14	Railroad Crossing Symbol (2 R's, crossbuck, 3 transverse bars)	EA	0	0	0	0	0	0	0	0	0
535.16	Straight White Arrow Bicycle Facility	EA	-	-	-	-	-	-	-	-	-
535.17	Bike Rider Symbol	EA	-	-	-	-	-	-	-	-	-
535.22	White Sharrow (Bike Shared Lane)	EA	-	-	-	-	-	-	-	-	-
535.23	White Arrow (Left/Right/Straight)	EA	0	18	3	12	0	0	0	24	0
537.1	Traffic Button (Type W)	EA	-	-	-	-	-	-	-	-	-
537.2	Traffic Button (Type Y)	EA	-	-	-	-	-	-	-	-	-
537.6	Traffic Button (Type I-C)	EA	-	-	-	-	-	-	-	-	-
537.8	Traffic Button (Type II A-A)	EA	-	-	-	-	-	-	-	-	-
537.9	Pavement Marker (Type II C-R)	EA	-	-	-	-	-	-	-	-	-
624.2	Ground Boxes Type B (122322)	EA	-	-	-	-	-	-	-	-	-
712	Joint and Crack Sealing	LB	100	400	150	210	200	120	50	500	330
799	Speed Hump, Ty II, Mod. Rubber Cushions (remov, furn. new, and instl)	EA	0	0	0	0	0	0	0	0	0
SP100	Door Hangers	LS	-	-	-	-	-	-	-	-	-
SP500	Police Officer	HR	15	15	15	15	20	15	15	15	15
SP800	Project Signs	EA	-	-	-	-	-	-	-	-	-
SP2000	Railroad Insurance and Permit	LS	-	-	-	-	-	-	-	-	-
SAWS Water Items											
826	Valve Box Adjustment (SAWS)	EA	18	17	0	4	19	9	0	0	0
826 A	Valve Box Locate and Adjustment (SAWS)	EA	1	1	0	0	1	0	0	0	0
SAWS Sewer Items											
851	Adjusting Existing Manholes (SAWS)	EA	0	5	0	4	4	10	2	4	6
851 A	Locating and Adjusting Existing Manholes (SAWS)	EA	0	0	0	0	0	1	0	0	0

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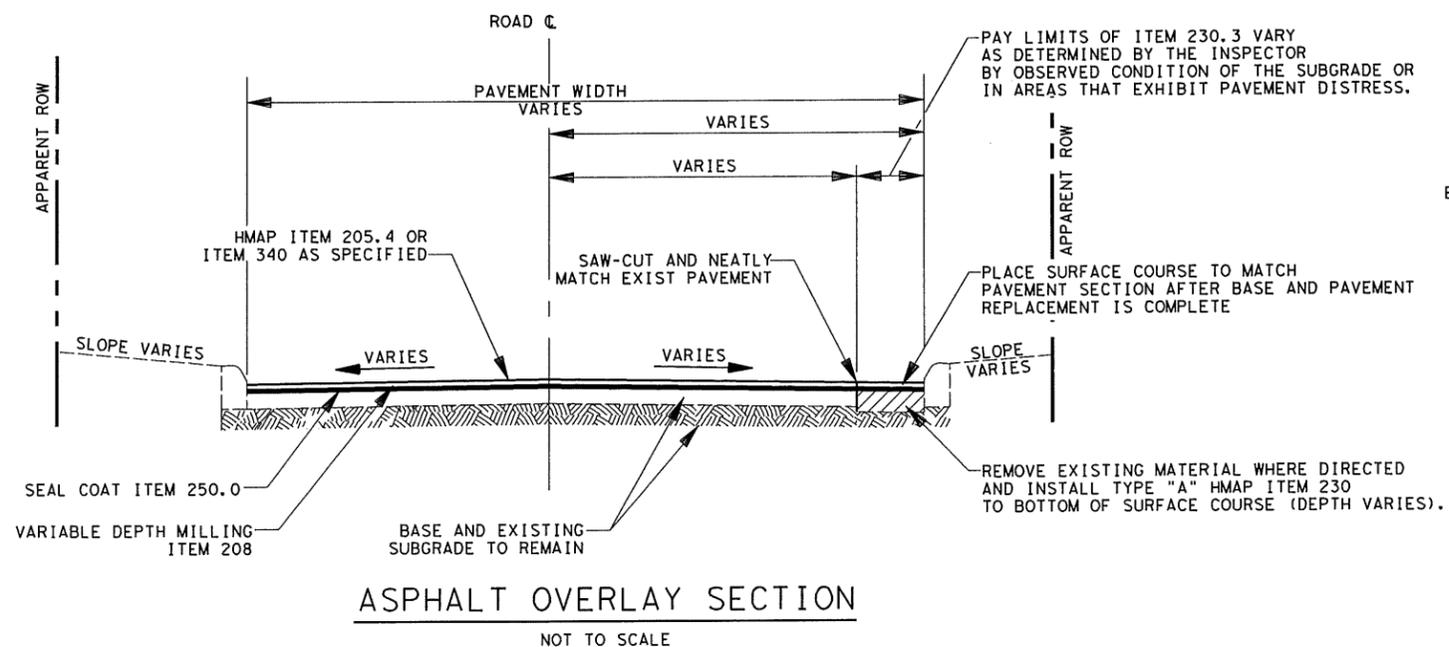
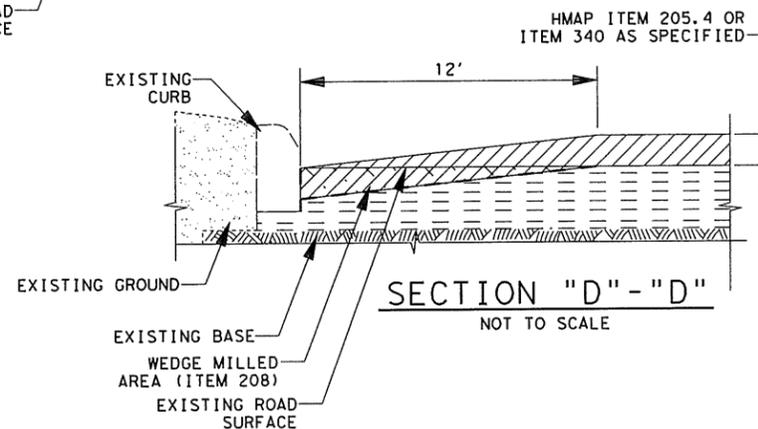
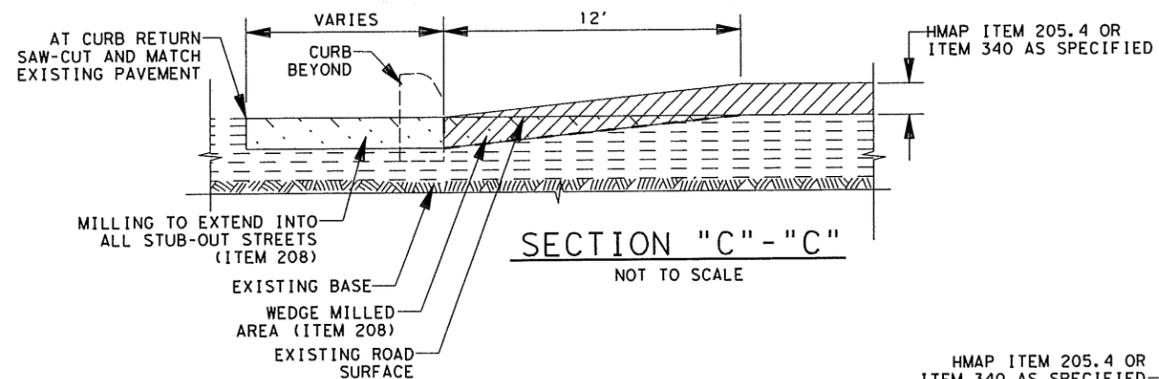
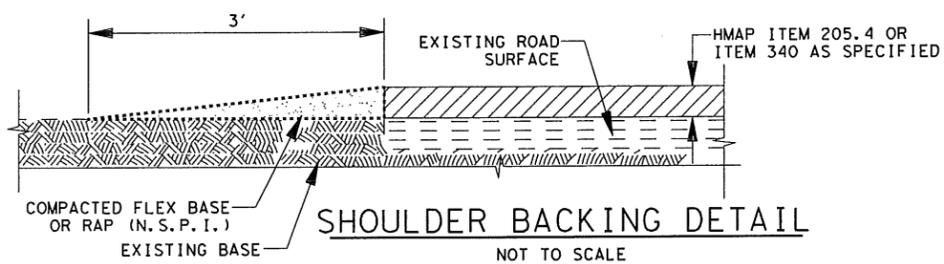
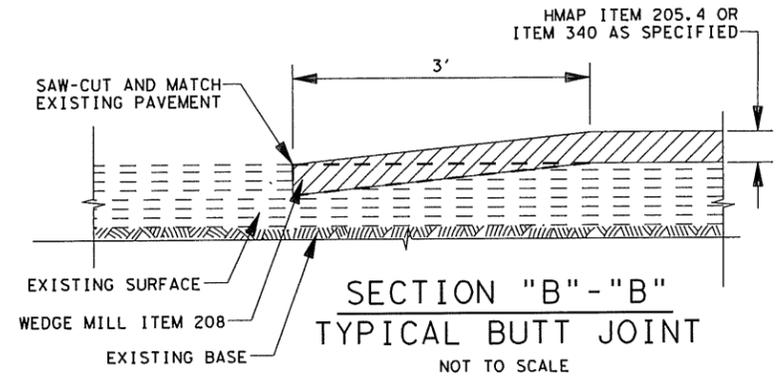
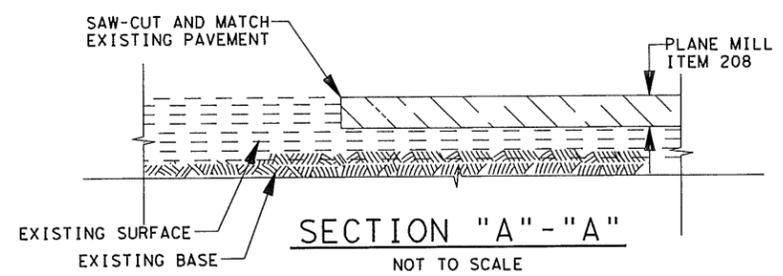
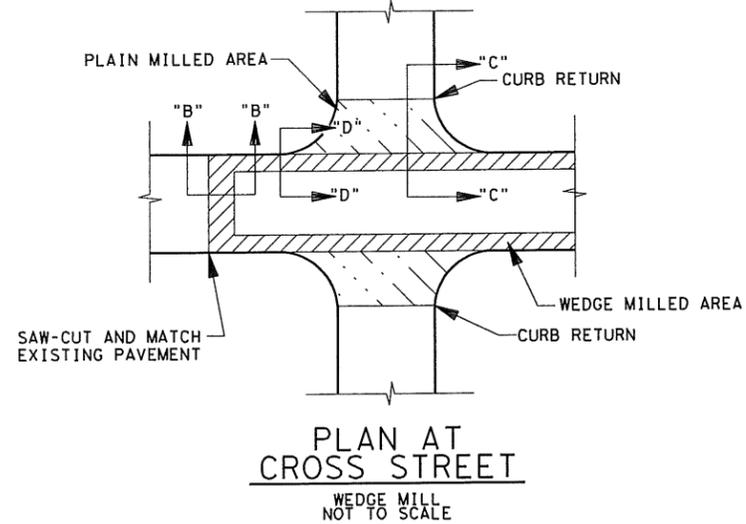
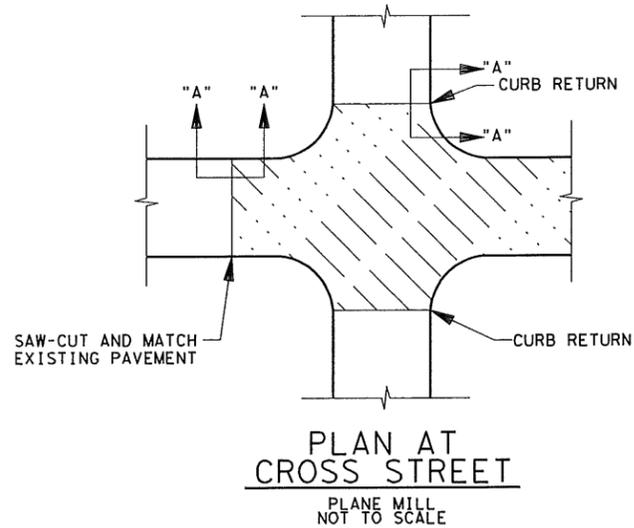
NO	DATE	DESCRIPTION	DWG	CHK
REVISED REVISIONS				
FY 2014 ASPHALT OVERLAY SUMMARY OF QUANTITIES				
 CITY OF SAN ANTONIO DEPARTMENT OF PUBLIC WORKS				
 POZNECKI CAMARILLO				
5835 CALLAGHAN RD, SUITE 200 SAN ANTONIO, TEXAS 78228 (210) 349-3273 (210) 349-4395 (FAX) http://www.pozcam.com/				

* THE QUANTITIES FOR ITEM 340, HMAP TYPE C (LEVEL UP) ARE APPROXIMATE AND ITS BID PRICE SHALL NOT EXCEED THE BID PRICE OF ITEM 340, HMAP TYPE C BY MORE THAN 10%

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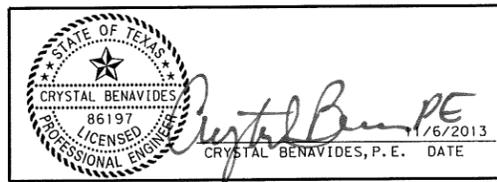
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NOTES:

1. SECTIONS SHOWN ON THIS SHEET ARE NOT TYPICAL AND DO NOT REPRESENT ALL STREET LOCATIONS. SOME STREETS MAY HAVE CURB ON BOTH SIDES OR NO CURB PRESENT AT ALL.
2. SOME SECTIONS MAY BE CROWNED OR HAVE STRAIGHT CROSS SLOPES.
3. FOR SEAL COAT (ITEM 250.0) SEE GENERAL NOTES FOR MATERIAL DATA.
4. HOT PAVER LAID MICRO SURFACE MILL ONLY FOR DRAINAGE AND BUTT JOINTS.
5. ASPHALT OVERLAY PROJECT MILL DEPTH IS VARIABLE AS DIRECTED.



NO	DATE	DESCRIPTION	DWG	CHK

FY 2014 ASPHALT OVERLAY PROJECTS

DETAIL SHEET

1 OF 2



DGN:	FC	STATE	COUNTY	SHEET NO.
CHK DGN:	FC	TEXAS	BEXAR	18 A OF 60