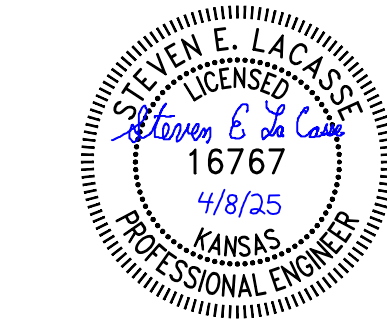
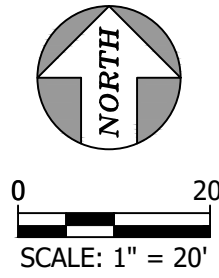
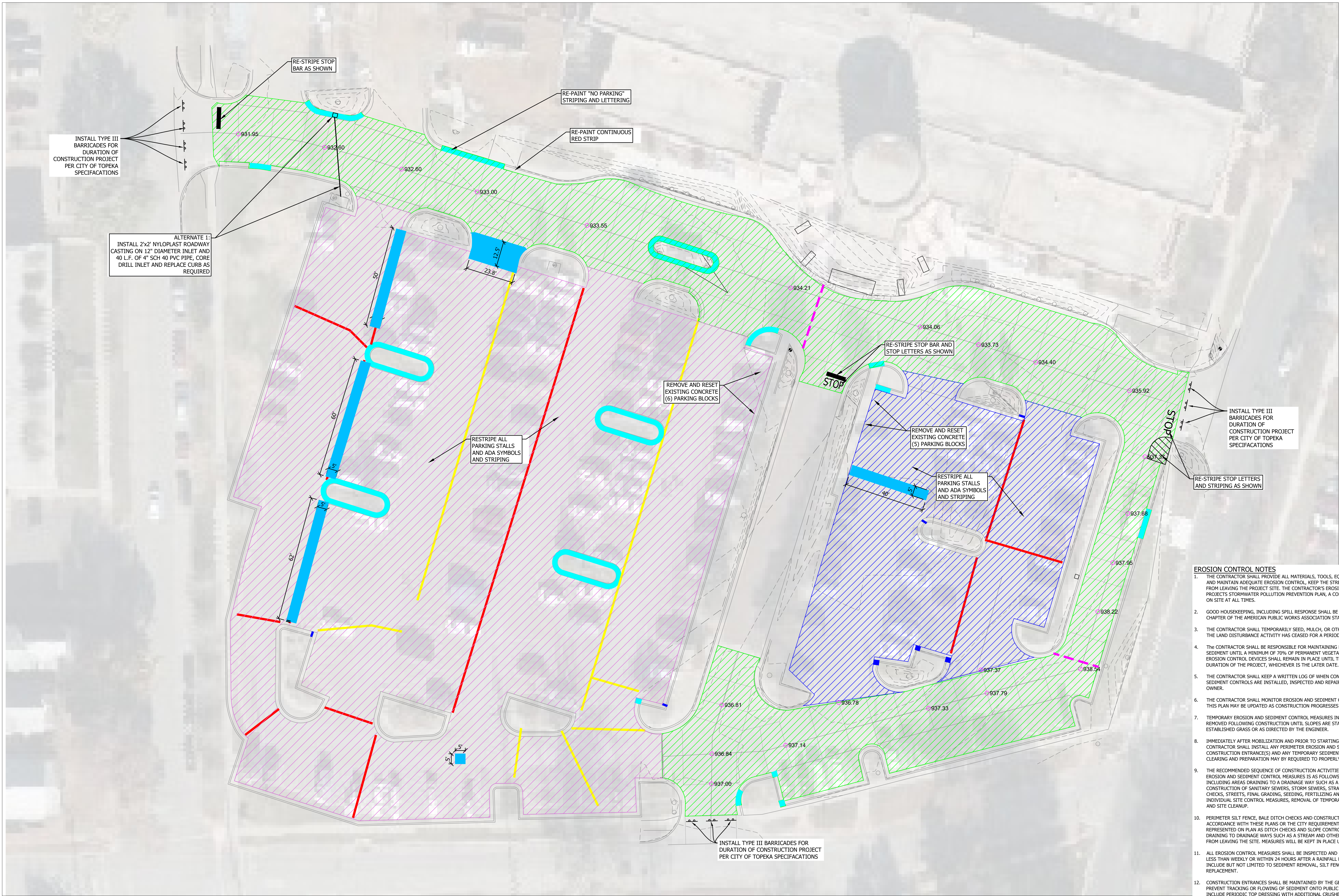


PAVEMENT ISSUES				
	UNIT	BASE BID	ALTERNATE 1	ALTERNATE 2
MAJOR ASPHALT CRACK	LF		190	550
MINOR ASPHALT CRACK	LF			540
ASPHALT INTEGRITY LOSS	SF		110	360
CURB AND GUTTER INTEGRITY LOSS	LF	160	10	360

- LEGEND
- LARGE CRACK IN ASPHALT (1"-2")
 - MINOR CRACK IN ASPHALT (<1")
 - ALLIGATOR AND SPIDER WEBBED ASPHALT
 - POTHOLE IN ASPHALT
 - CURB & GUTTER IN NEED OF REPLACEMENT
 - LARGE GAP IN CURB JOINTS

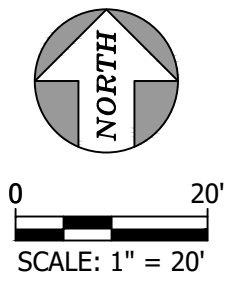




- EROSION CONTROL NOTES**
1. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, TOOLS, EQUIPMENT AND LABOR AS NECESSARY TO INSTALL AND MAINTAIN ADEQUATE EROSION CONTROL. KEEP THE STREETS CLEAN OF MUD AND DEBRIS, AND PREVENT SOIL FROM LEAVING THE PROJECT SITE. THE CONTRACTOR'S EROSION CONTROL MEASURES SHALL CONFORM TO THE PROJECT'S STORMWATER POLLUTION PREVENTION PLAN, A COPY OF WHICH SHALL BE MAINTAINED AND UPDATED ON SITE AT ALL TIMES.
 2. GOOD HOUSEKEEPING, INCLUDING SPILL RESPONSE SHALL BE PERFORMED IN ACCORDANCE WITH THE KANSAS CITY CHAPTER OF THE AMERICAN PUBLIC WORKS ASSOCIATION STANDARD SPECIFICATIONS, SECTION 2150.
 3. THE CONTRACTOR SHALL TEMPORARILY SEED, MULCH, OR OTHERWISE STABILIZE ANY DISTURBED AREA WHERE THE LAND DISTURBANCE ACTIVITY HAS CEASED FOR A PERIOD OF FOURTEEN (14) CALENDAR DAYS.
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EROSION CONTROL DEVICES AND REMOVING SEDIMENT UNTIL A MINIMUM OF 70% OF PERMANENT VEGETATION HAS BECOME STABILIZED AND ESTABLISHED. EROSION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL THE 70% ESTABLISHED VEGETATION IS MET, OR THE DURATION OF THE PROJECT, WHICHEVER IS THE LATER DATE.
 5. THE CONTRACTOR SHALL KEEP A WRITTEN LOG OF WHEN CONSTRUCTION ACTIVITIES BEGIN, EROSION AND SEDIMENT CONTROLS ARE INSTALLED, INSPECTED AND REPAIRED. COPIES OF LOG SHALL BE FURNISHED TO THE OWNER.
 6. THE CONTRACTOR SHALL MONITOR EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT THE PROJECT. THIS PLAN MAY BE UPDATED AS CONSTRUCTION PROGRESSES WITH APPROVAL OF ENGINEER.
 7. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES INSTALLED AS PART OF THIS PLAN SHALL NOT BE REMOVED FOLLOWING CONSTRUCTION UNTIL SLOPES ARE STABILIZED TO A NON-EROSIVE STATE WITH ESTABLISHED GRASS OR AS DIRECTED BY THE ENGINEER.
 8. IMMEDIATELY AFTER MOBILIZATION AND PRIOR TO STARTING ANY SOIL DISTURBING ACTIVITIES, THE CONTRACTOR SHALL INSTALL ANY PERIMETER EROSION AND SEDIMENT CONTROL MEASURES, GRAVE CONSTRUCTION ENTRANCE(S) AND ANY TEMPORARY SEDIMENT BASIN(S). IT IS RECOGNIZED THAT SOME SITE CLEARING AND PREPARATION MAY BE REQUIRED TO PROPERLY INSTALL SUCH MEASURES.
 9. THE RECOMMENDED SEQUENCE OF CONSTRUCTION ACTIVITIES AND OF THE INSTALLATION AND REMOVAL OF EROSION AND SEDIMENT CONTROL MEASURES IS AS FOLLOWS: ANY PERIMETER CONTROL MEASURES (SILT FENCE) INCLUDING AREAS DRAINING TO A DRAINAGE WAY SUCH AS A STREAM, GRAVEL CONSTRUCTION ENTRANCE(S), CONSTRUCTION OF SANITARY SEWERS, STORM SEWERS, STRAW OR HAY BALE INLET PROTECTION AND BALE DITCH CHECKS, STREETS, FINAL GRADING, SEEDING, FERTILIZING AND MULCHING ON ALL SLOPES AND DISTURBED AREAS, INDIVIDUAL SITE CONTROL MEASURES, REMOVAL OF TEMPORARY PRACTICES, REMOVAL OF PERIMETER CONTROLS AND SITE CLEANUP.
 10. PERIMETER SILT FENCE, BALE DITCH CHECKS AND CONSTRUCTION ENTRANCE(S) SHALL BE CONSTRUCTED IN ACCORDANCE WITH THESE PLANS OR THE CITY REQUIREMENTS. INSTALL SILT FENCE OR BALES WHERE REPRESENTED ON PLAN AS DITCH CHECKS AND SLOPE CONTROL, AROUND INLETS, ALONG ROADWAYS, AREAS DRAINING TO DRAINAGE WAYS SUCH AS A STREAM AND OTHER LOCATIONS AS NEEDED TO PREVENT SEDIMENT FROM LEAVING THE SITE. MEASURES WILL BE KEPT IN PLACE UNTIL GRASS IS ESTABLISHED.
 11. ALL EROSION CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED BY THE GENERAL CONTRACTOR NOT LESS THAN WEEKLY OR WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR MORE. MAINTENANCE SHALL INCLUDE BUT NOT LIMITED TO SEDIMENT REMOVAL, SILT FENCE AND HAY BALE BARRIER REPAIR AND/OR REPLACEMENT.
 12. CONSTRUCTION ENTRANCES SHALL BE MAINTAINED BY THE GENERAL CONTRACTOR IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS AND PAVED STREETS. THIS MAY INCLUDE PERIODIC TOP DRESSING WITH ADDITIONAL CRUSHED STONE AS CONDITIONS WARRANT. REPAIR OF ENTRANCES, CLEANING ON A DAILY BASIS OF RIGHT-OF-WAYS AND PAVED STREETS THAT HAVE BEEN SOILED BY CONSTRUCTION ACTIVITIES SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY.
 13. THE CONTRACTOR SHALL NOTIFY EACH SUB-CONTRACTOR OR ENTITY (INCLUDING UTILITY CREWS AND CITY EMPLOYEES OR THEIR AGENTS) THAT WILL BE PERFORMING WORK AT THE SITE OF THE EROSION CONTROL PLAN AND WHAT ACTIONS OR PRECAUTIONS SHALL BE TAKEN TO MINIMIZE THE POTENTIAL FOR SOIL EROSION.
 14. DURING ALL SOIL DISTURBING ACTIVITIES, THE GENERAL CONTRACTOR WILL TAKE APPROPRIATE STEPS USING ACCEPTED CONSTRUCTION METHODS TO MINIMIZE THE TIME OF EXPOSURE OF UNPROTECTED SOIL AND OTHER CONSTRUCTION MATERIALS TO RAINFALL.
 15. NO GROUND SHALL BE LEFT OPEN FOR MORE THAN 7 DAYS OF NON-ACTIVITY WITHOUT BEING MULCHED AND/OR SEED.
 16. SOIL STOCKPILED FOR MORE THAN 7 DAYS SHALL HAVE SILT FENCE OR BALES PLACED ON THE DOWNHILL SLOPES TO TRAP SEDIMENT.
 17. WHENEVER SOIL, ROCK, VEGETATION OR OTHER MATERIALS ARE EXPORTED FOR PLACEMENT IN AREAS OFF OF THE CONSTRUCTION SITE COVERED IN THIS PLAN, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR DETERMINING THAT EPA STORM WATER PERMITTING REQUIREMENTS ARE MET. PRIOR TO THE REMOVAL OF ANY MATERIALS FROM THE SITE THE GENERAL CONTRACTOR WILL FURNISH THE ENGINEER WITH WRITTEN AGREEMENT, SIGNED BY EACH LANDOWNER WHO WILL RECEIVE EXPORTED MATERIALS, STATING THAT THEY ACCEPT THE MATERIAL AND THAT RECEIVING SITE IS PROPERLY PERMITTED, WHEN REQUIRE.

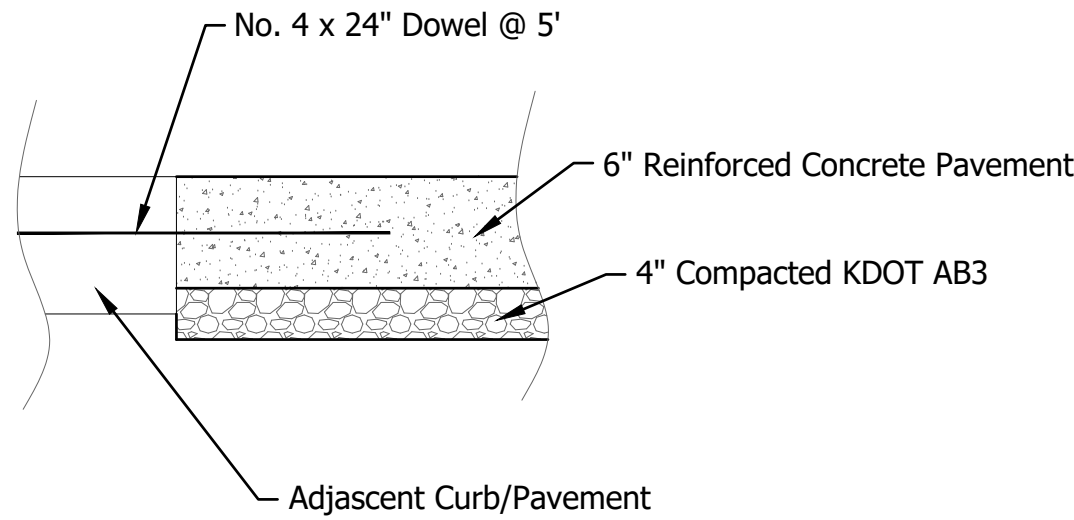
QUANTITIES					
	UNIT	BASE BID	ALTERNATE 1	ALTERNATE 2	ALTERNATE 3
FULL DEPTH REPLACEMENT (CONCRETE)	SF	30648			
FULL DEPTH REPLACEMENT (ASPHALT)	SF			160	1647
MILL AND 2" OVERLAY (ASPHALT)	SF			15500	57450
CURB AND GUTTER REPLACEMENT	LF	180	4	10	360
ASPHALT CRACK CLEAN AND FILL	LF			150	360
SEAL CONCRETE CURB JOINT	LF			25	10
DAMAGE CONTINGENCY - CURB AND GUTTER	LF	20		20	20
DAMAGE CONTINGENCY - ASPHALT FULL DEPTH	SF	50			
PAVEMENT STRIPING AND ADA MARKINGS	LS	1		1	1
ADS NYLOPLAST INLET AND CASTING	EA		1		
4" SCH 40 PVC PIPE	LF		40		

- CONSTRUCTION LEGEND**
- LARGE CRACK IN ASPHALT (1" - 2") CONTRACTOR TO CLEAN AND FILL WITH CRACK SEALER BEFORE OVERLAY
 - CRACK IN ASPHALT (<1") CONTRACTOR TO SAWCUT AND REPLACE ASPHALT FULL DEPTH
 - CONTRACTOR TO SAWCUT AND REPLACE ASPHALT FULL DEPTH
 - CONTRACTOR TO REPLACE CURB & GUTTER
 - CONTRACTOR TO FILL CONCRETE JOINT WITH JOINT SEALANT
 - - - CONCRETE EXPANSION JOINT

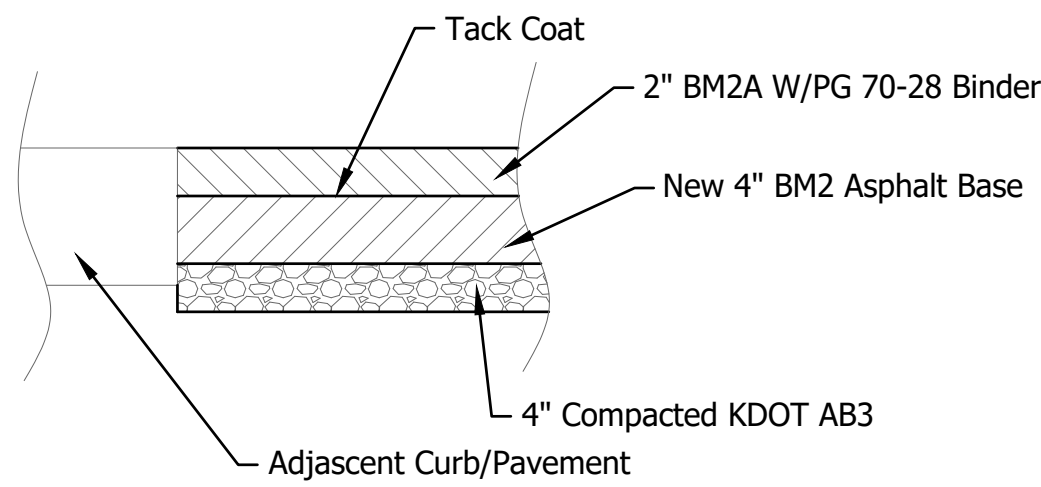


- PROJECT NOTES:**
1. UNLESS OTHERWISE STATED, CONTRACTOR TO MEET CITY OF TOPEKA SHAWNEE COUNTY STANDARD SPECIFICATIONS.
 2. ALL CONCRETE PAVEMENT WILL BE REINFORCED WITH 6X6-W2.9XW2.9 WIRE.
 3. SAWCUTTING IS SUBSIDIARY.
 4. CONTRACTOR TO PROTECT EXISTING SPRINKLER SYSTEM.
 5. CONTRACTOR TO COORDINATE WITH OWNER AND CONSTRUCT REPAIRS IN PHASES THAT ALLOW THE FACILITY TO STAY IN OPERATION.
 6. CONTRACTOR TO PROVIDE REQUIRED TRAFFIC CONTROL. CONTRACTOR SHALL SIGN ANY DRIVE ENTRANCES TO BE CLOSED OFF FROM PUBLIC STREET ACCESS WITH TYPE III BARRICADES.
 7. PARKING LOT STRIPING SHALL BE WATERBOURN MARKING PAINT FURNISHED IN ACCORDANCE WITH SECTION 2215 OF THE KDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND APPLIED IN ACCORDANCE WITH SECTION 4.22 OF THE CITY OF TOPEKA SHAWNEE COUNTY STANDARD SPECIFICATIONS.
 8. ASPHALT FOR TACK COAT SHALL BE SS-1HP, MEETING THE REQUIREMENTS OF SECTION 1203 OF THE KDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 9. ASPHALT CONCRETE PAVEMENT SHALL MEET THE REQUIREMENTS OF BM-2A, IN THE CITY OF TOPEKA SHAWNEE COUNTY STANDARD SPECIFICATION, W/PG 70-28.
 10. TIE PERIMETER OF NEW CONCRETE PAVEMENT INTO EXISTING CONCRETE CURBS AND PAVEMENT WITH NO. 4 DOWELS X 24" @ 5' CENTERS.
 11. SEAL CONCRETE JOINTS IN ACCORDANCE WITH SECTION 5.05 OF THE CITY OF TOPEKA SHAWNEE COUNTY STANDARD SPECIFICATIONS - HOT SEALANTS ONLY.

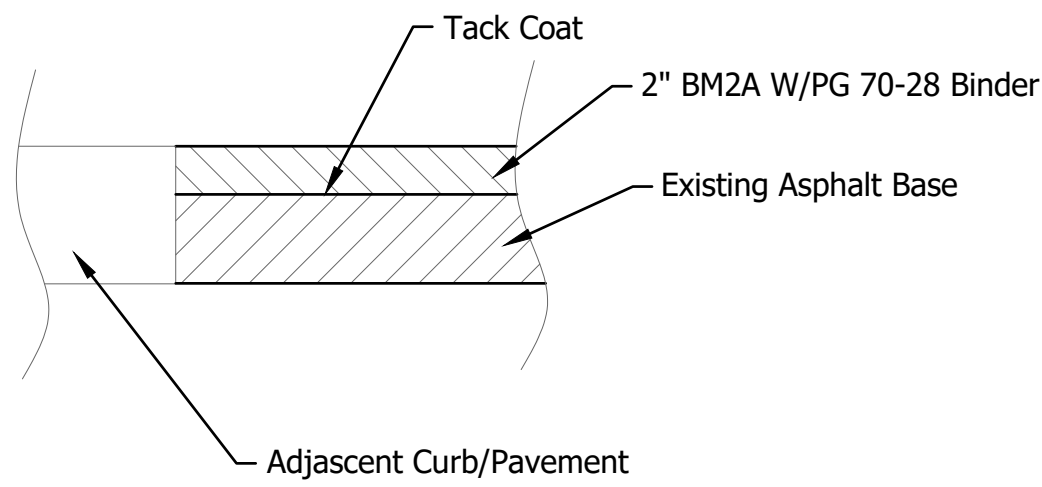
NOTE:
IF EXISTING PAVEMENT IS THICKER THAN 6", REMOVE FULL DEPTH OF PAVEMENT AND ADDITIONAL SUBGRADE MATERIAL AS REQUIRED TO REPLACE WITH A 10" THICK PAVEMENT/BASE SECTION (SUBSIDIARY TO OTHER ITEMS IN CONTRACT) IF EXISTING PAVEMENT IS THINNER THAN 6", REMOVE ADDITIONAL SUBGRADE MATERIAL AS REQUIRED TO REPLACE WITH A 10" THICK PAVEMENT/BASE SECTION (SUBSIDIARY TO OTHER ITEMS IN CONTRACT)



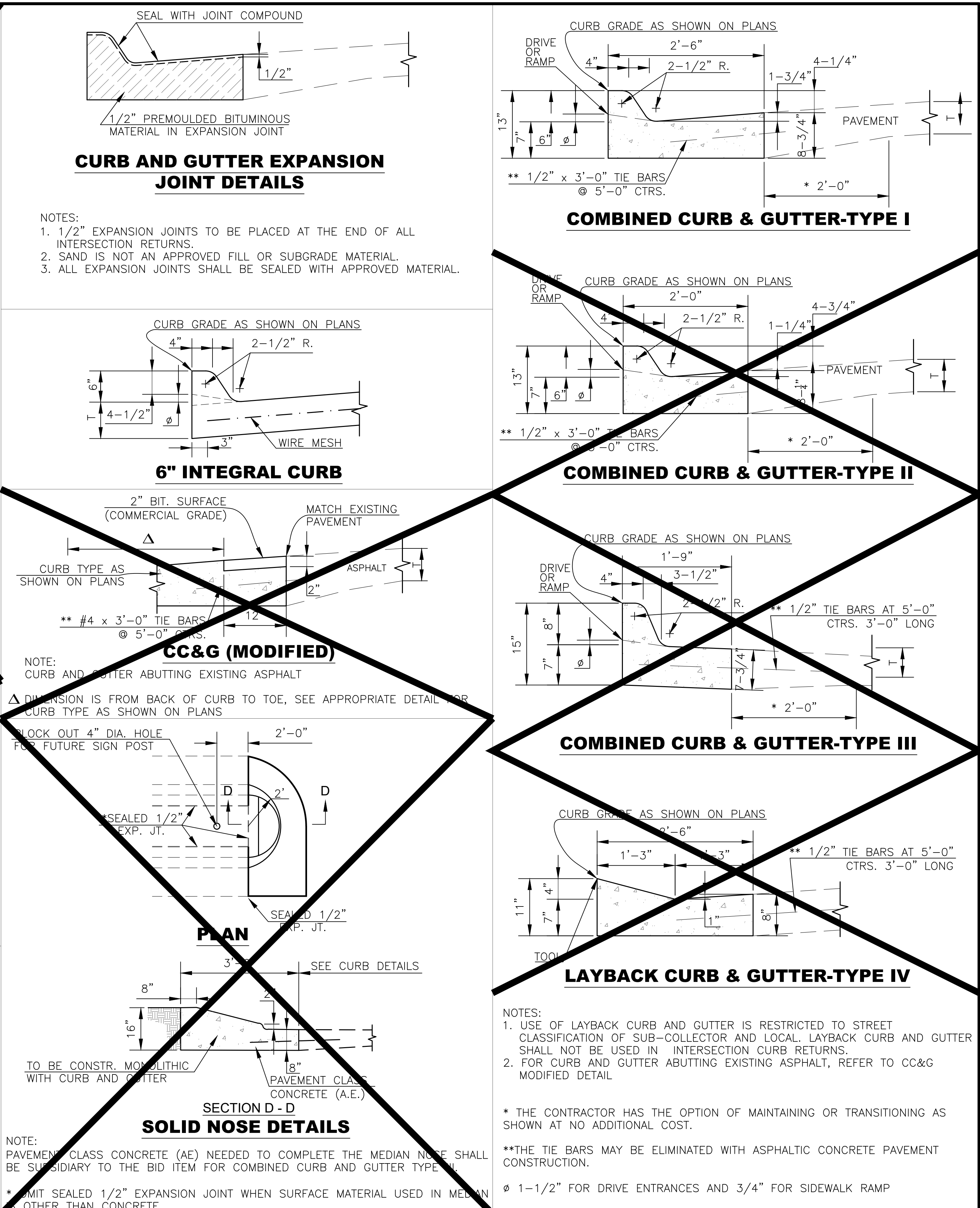
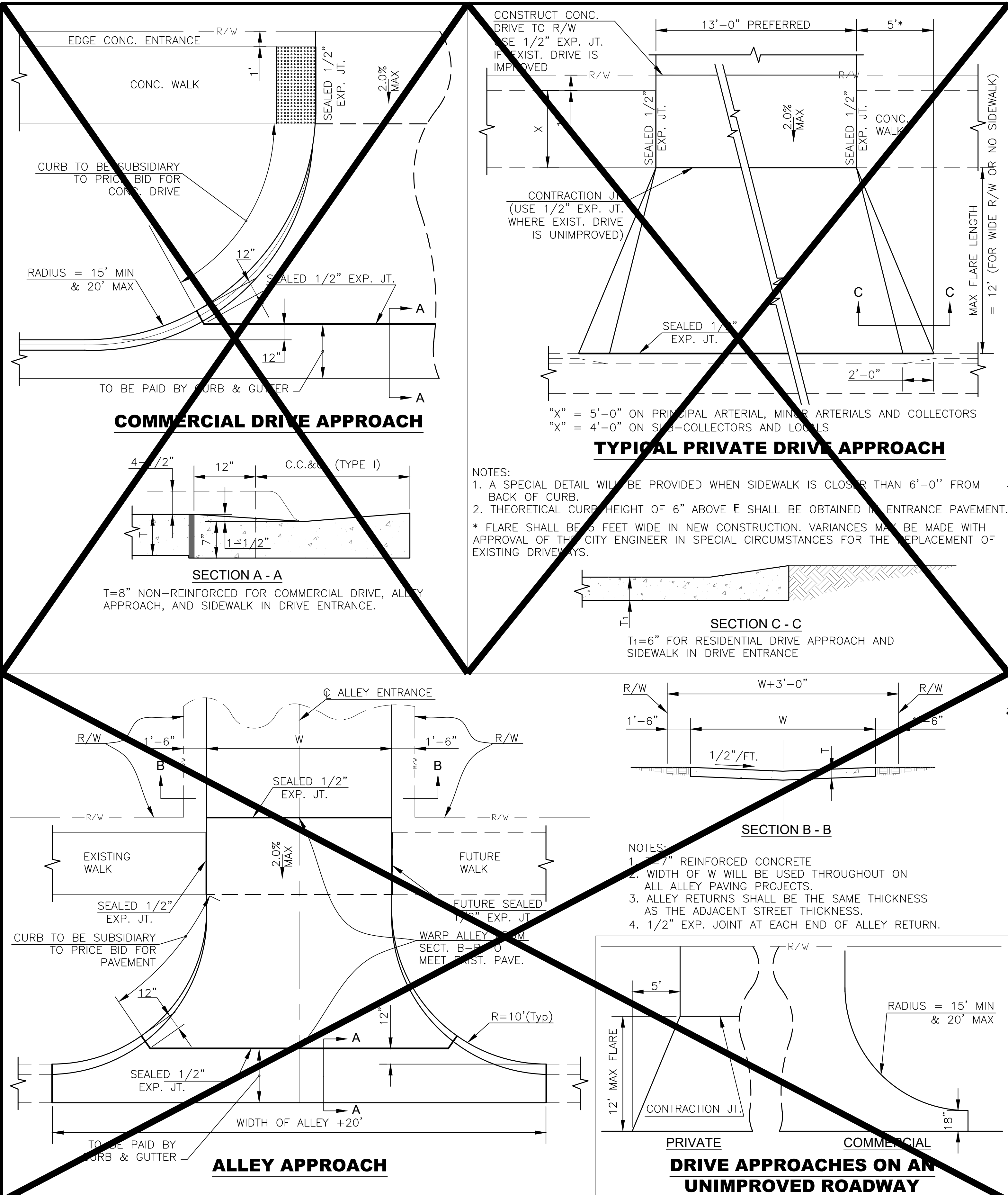
TYPICAL SECTION CONCRETE



TYPICAL SECTION FULL DEPTH ASPHALT



TYPICAL SECTION 2" ASPHALT



5	March 2013	C&G payment @ alley appr. & bars to "	DHS	SB
4	Dec. 2012	Changed to tie bar from rebar	DHS	SB
3	March 2010	Eliminated keyed Jt. at Com. Drive Appr.	DHS	SB
2	Dec. 2009	Added Dr. Appr. on Unimpr. Rdwy., added flare verbage, mod. S/W x-slope & remv. keyed joints from C & G.	DHS	SB
1	Feb. 2008	Mod. Com. Dr. & Alley Appr.	DHS	SB
NO.	DATE:	REVISION	BY:	APP'D

SHAWNEE COUNTY, KANSAS
PUBLIC WORKS DEPARTMENT
1515 NW SALINE
TOPEKA, KS 66618
(785) 233-7702

TOPEKA
Public Works
ENGINEERING
620 SE MADISON St. • 2nd Floor • TOPEKA, KS 66607
Phone: (785) 368-3842 • Fax: (785) 368-3881

STANDARD DETAILS

CURB & GUTTER AND APPROACH DETAILS (DT-003)

DATE: 4/4/20205
SHEET: 3 of 4
PROJ.: ###

ueg united engineering group

4501 NW Oakley Ave, Suite 232 | Topeka, KS 66618
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HTK ARCHITECTS
3000 W 11TH ST. STE. 150
TOPEKA, KANSAS 66610
P 785.266.5373
www.htkarchitects.com

STATE OF KANSAS
PROFESSIONAL ENGINEER
16767
4/8/25

DATE: 4/4/2025
REVISED DATE:

TOPEKA AND SHAWNEE COUNTY PUBLIC LIBRARY
PARKING LOT IMPROVEMENTS
1515 SW 10TH AVE
TOPEKA, KANSAS

SHEET CONTENTS:
CONSTRUCTION PLAN
HTK PROJECT NUMBER: 2001.01-018
SHEET NUMBER: 3

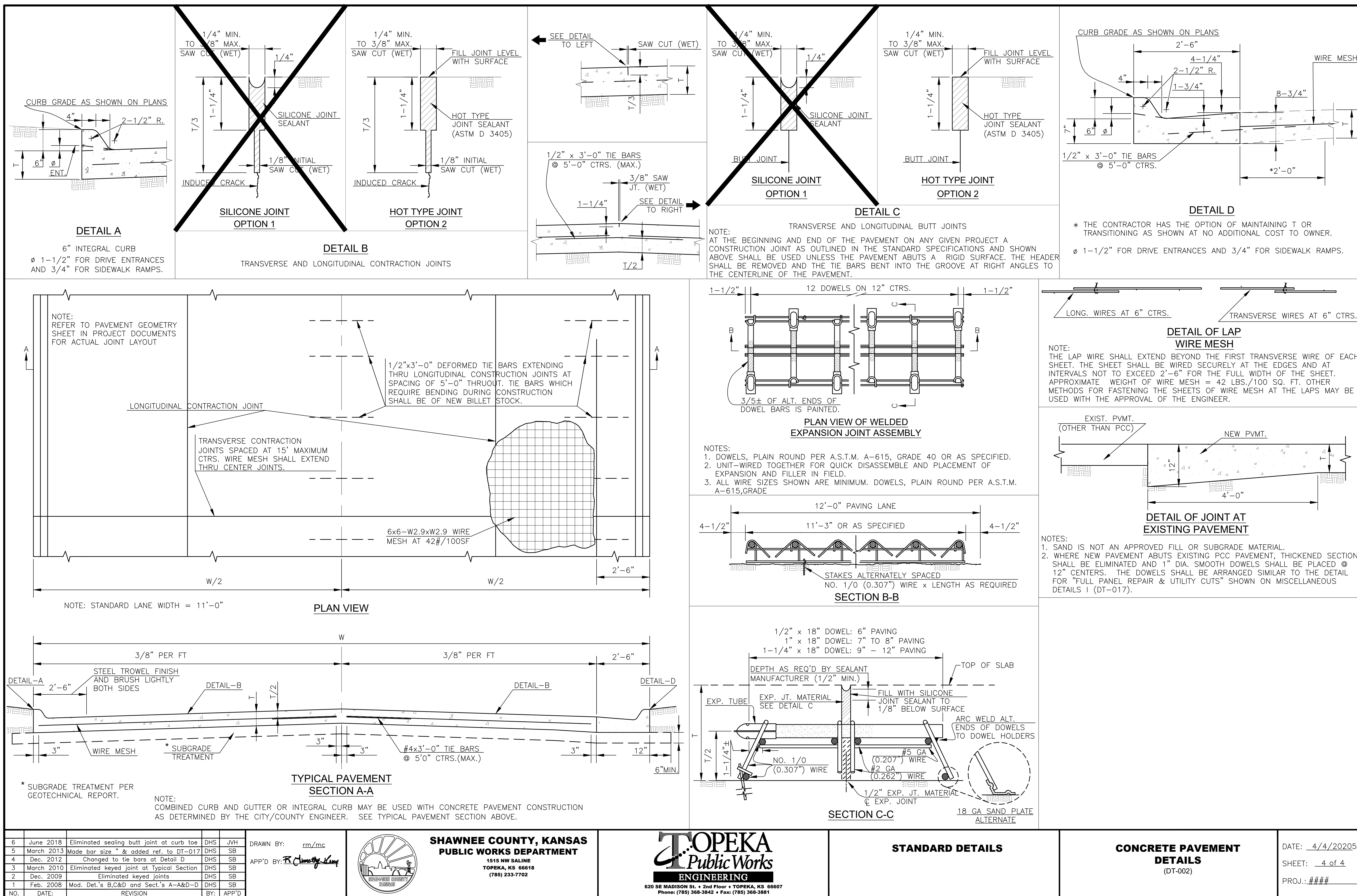


DATE: 4/4/2025
REVISED DATE:

TOPEKA AND SHAWNEE COUNTY PUBLIC LIBRARY
PARKING LOT IMPROVEMENTS

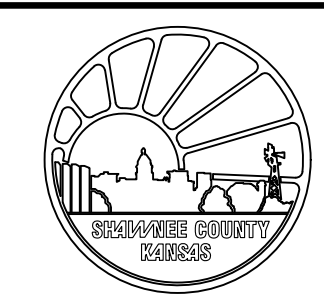
1515 SW 10TH AVE
TOPEKA, KANSAS

SHEET CONTENTS:
CONSTRUCTION PLAN
HTK PROJECT NUMBER:
2001.01-018
SHEET NUMBER:
4



6	June 2018	Eliminated sealing butt joint at curb toe	DHS	JVH
5	March 2013	Mod. bar size " " & added ref. to DT-017	DHS	SB
4	Dec. 2012	Changed to tie bars at Detail D	DHS	SB
3	March 2010	Eliminated keyed joint at Typical Section	DHS	SB
2	Dec. 2009	Eliminated keyed joints	DHS	SB
1	Feb. 2008	Mod. Det.'s B,C&D and Sect.'s A-A&D-D	DHS	SB
NO.	DATE:	REVISION	BY:	APP'D

DRAWN BY: rm/ms
APP'D BY: R. Cloninger



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Phone: (785) 368-3842 • Fax: (785) 368-3881

STANDARD DETAILS

CONCRETE PAVEMENT
DETAILS
(DT-002)

DATE: 4/4/2025
SHEET: 4 of 4
PROJ.: ###