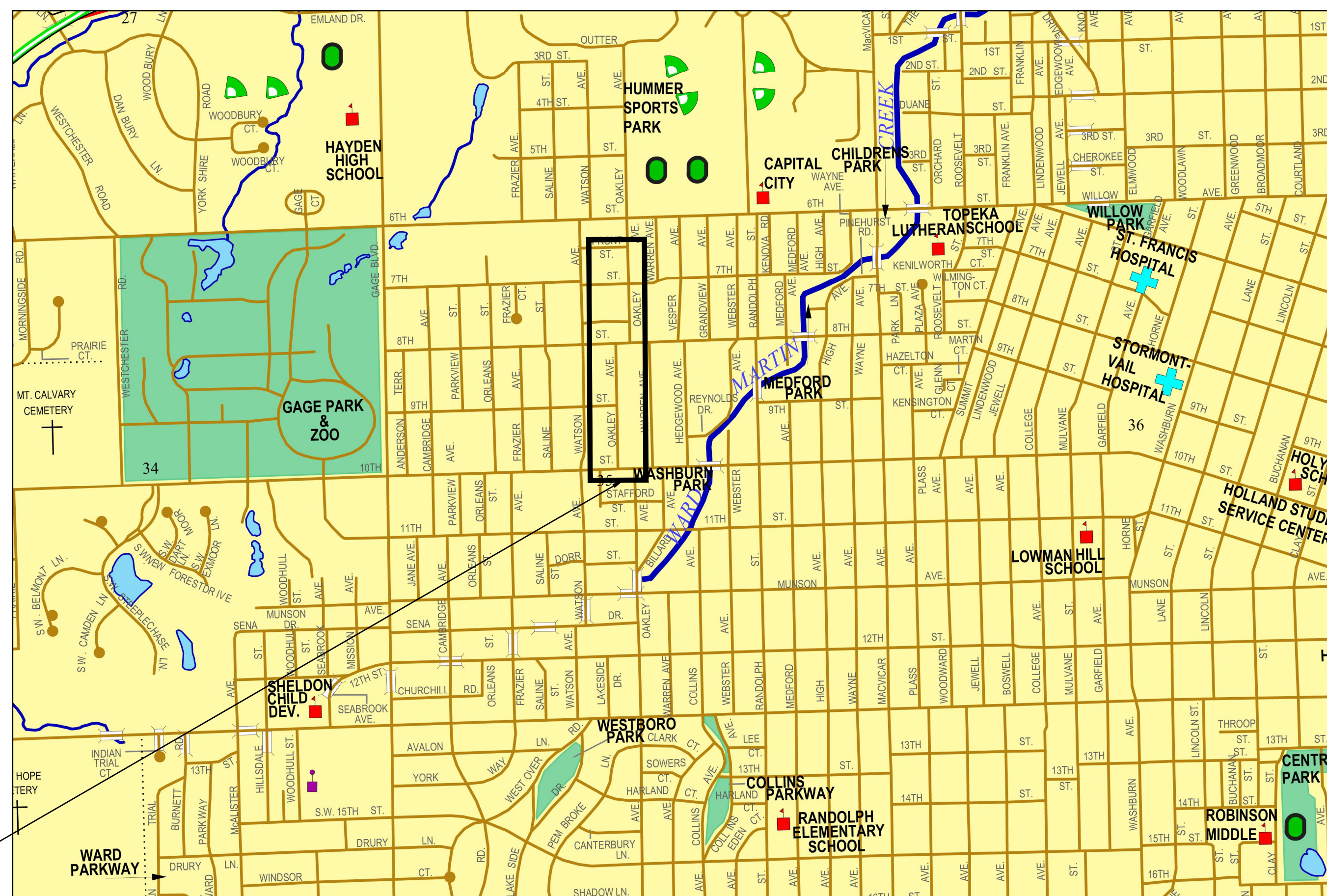


SW OAKLEY AVENUE FROM SW 10TH AVENUE TO SW FRONT STREET

ROADWAY IMPROVEMENT PROJECT NO. 841099.07 SANITARY SEWER PROJECT NO. 291109.02

LOCATION MAP



- FIRE HYDRANT
- UTILITY POLE
- DOWN GUY
- SANITARY SEWER MANHOLE
- SANITARY SEWER PIPE
- STORM SEWER MANHOLE
- STORM SEWER PIPE
- WATER LINE
- GAS LINE
- OVERHEAD ELECTRIC LINE
- WATER MANHOLE
- TELEPHONE MANHOLE

PROJECT LOCATION

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CITY OF TOPEKA, KANSAS
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION

RELEASED FOR CONSTRUCTION	
<i>Mark Schreiner</i>	4/15/2026
CITY ENGINEER	DATE
ATTEST: <i>Brenda Younger</i>	4/21/2026
CITY CLERK	DATE
REVIEWED BY <i>John H. ...</i>	4/13/2026
UTILITIES	DATE

400 S. KANSAS AVE. STE 200
TOPEKA, KS 66603
785-233-8300
www.pec1.com

PEC PROJECT No. 250987-000

CITY OF TOPEKA

620 SE MADISON STREET • TOPEKA, KS 66607
Phone: (785) 368-3842 • Fax: (785) 368-3881

APRIL 2026

DESIGN PROFESSIONAL RESPONSIBLE	
SHEET NO.	DESIGN PROFESSIONAL
1-13, 19, 26-44, 51-53, 56-74	
20-22	

TITLE SHEET LOCATION MAP SHEET INDEX SURVEY LEGEND	DATE: APRIL 2026 SHEET: 1 OF 74 PROJ.: 291109.02 841099.07 PEC#: 250987-000
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 Plot Scale 1:1 04-01-2026 2:05:56 PM by MADISON SCHEIDMANN
 C:\PEC\ACDocs\PEC-Hub\250987-000 - SW Oakley Avenue - 10th to Front\Project Files\Design Working
 10th to Front\Project Files\Design Working

SURVEY CONTROL SUMMARY

CP 500
ELEV: 924.95
N: 269,803.63
E: 1,960,886.03

CP 501
ELEV: 918.13
N: 270,240.93
E: 1,960,899.99

CP 502
ELEV: 931.92
N: 270,808.17
E: 1,960,861.11

SUMMARY OF QUANTITIES

BASE BID ITEMS			
No.	ITEM	QUANTITY	UNIT
1	CONTRACTOR CONSTRUCTION STAKING	1	LS
2	TRAFFIC CONTROL	1	LS
3	EROSION CONTROL	1	LS
4	REMOVAL OF EXISTING STRUCTURES	1	LS
5	UNCLASSIFIED EXCAVATION	923	CY
6	PAVEMENT REMOVAL	4,439	SY
7	COLD MILLING (2")	3,216	SY
8	ASPHALTIC CONCRETE OVERLAY (BM-2) (2")	3,216	SY
9	8" NRDJ CONCRETE PAVEMENT	3,314	SY
10	CONCRETE VALLEY GUTTER	19	SY
11	AGGREGATE BASE - TYPE AB-3 (6")	4,351	SY
12	COMBINED CURB & GUTTER, TYPE I	2,566	LF
13	4" CONCRETE SIDEWALK, 4' WIDE	36	SF
14	6" CONCRETE DRIVEWAY	3,500	SF
15	CRUSHED ROCK SURFACING	6.1	TON
16	VARIABLE MESSAGE BOARD	2	EA
17	PROJECT SIGN	2	EA
18	ADJUST EXISTING MANHOLE COVER	8	EA
19	ADJUST EXISTING VALVE COVER	8	EA
20	18" SANITARY SEWER (PVC)	249	LF
21	15" SANITARY SEWER (PVC)	179	LF
22	4 FT. DIA. STANDARD MANHOLE, TYPE I (0'-6")	2	EA
23	4 FT. DIA. ADDITIONAL DEPTH FOR STD. MANHOLE, TYPE I	2.3	VF
24	5 FT. DIA. STANDARD MANHOLE, TYPE I (0'-6")	1	EA
25	5 FT. DIA. ADDITIONAL DEPTH FOR STD. MANHOLE, TYPE I	7.9	VF
26	BYPASS PUMPING	1	LS
27	18" RESILIENT CONNECTOR	1	EA
28	15" RESILIENT CONNECTOR	1	EA
29	8" RESILIENT CONNECTOR	2	EA
30	REMOVE AND REPLACE CONCRETE CURB AND GUTTER	145	LF
31	REMOVE AND REPLACE 2" ASPHALT ON 7" CONCRETE BASE	177	SY
32	CCTV INSPECTION OF SANITARY SEWER PIPES	428	LF
33	REMOVE LARGE TREES	3	EA



**Know what's below. Call 811 before you dig
or visit us at www.kansasonecall.com**

"KANSAS ONE-CALL" IS THE UNDERGROUND UTILITY NOTIFICATION CENTER FOR THE STATE OF KANSAS. THROUGH THIS FACILITY, YOU CAN NOTIFY OPERATORS OF UNDERGROUND FACILITIES OF PROPOSED EXCAVATIONS TO REQUEST THAT THE UNDERGROUND FACILITIES BE MARKED BEFORE YOU DIG.

KANSAS STATUTE ANNOTATED #66-1801 THROUGH #66-1815 REQUIRES ANYONE WHO ENGAGES IN ANY TYPE OF EXCAVATION TO PROVIDE ADVANCE NOTICE OF AT LEAST TWO FULL WORKING DAYS, BUT NOT MORE THAN 15 CALENDAR DAYS, EXCLUDING WEEKENDS AND HOLIDAYS.

THE PERSON WHO IS DOING THE WORK IS RESPONSIBLE FOR CALLING KANSAS ONE-CALL. IF THE OWNER CONTRACTS WITH A PROFESSIONAL EXCAVATOR TO DO THE EXCAVATION, THEN THE PROFESSIONAL EXCAVATOR IS RESPONSIBLE FOR CALLING KANSAS ONE-CALL.

THE SERVICE PROVIDED BY KANSAS ONE-CALL TO EXCAVATORS IS FREE OF CHARGE.
CALL 785-368-3111 FOR EMERGENCIES WITH CITY OF TOPEKA UTILITIES.

NON-EMERGENCY UTILITY OWNER CONTACTS:

COX COMMUNICATIONS (CABLE TV):
931 SW HENDERSON RD.
TOPEKA, KS 66615
DEAN CAPE
(785) 320-0308
DEAN.CAPE2@COX.COM

LUMEN (FIBER OPTIC):
711 E. 19TH ST.
KANSAS CITY, MO 64108
RICK REDEL
(816) 518-2804
RICHARD.REDEL@LUMEN.COM
RELOCATIONS:
RELOCATIONS@LUMEN.COM

CITY OF TOPEKA (STORM SEWER/ SANITARY SEWER):
CITY OF TOPEKA, WPC DIV.
1115 NE POPLAR ST.
TOPEKA, KS 66616
DARRIN A. COFFLAND
(785) 368-2467
DCOFFLAND@TOPEKA.ORG

CITY OF TOPEKA (WATER):
CITY OF TOPEKA, WATER DIST.
3245 NW WATERWORKS DR.
TOPEKA, KS 66606
DUNCAN THEURI
(785) 368-0152
DTHEURI@TOPEKA.ORG

EVERGY (ELECTRIC):
P.O. BOX 889
4001 NW 14TH ST.
TOPEKA, KS 66603
JENNY ROHR
(785) 580-2123
JENNIFER.ROHR@EVERGY.COM

TOPEKA SCHOOL DISTRICT 501 (FIBER OPTIC):
USD 501, INFO. TECH.
1900 SW HOPE ST.
TOPEKA, KS 66604
JOERGEN LAIGAARD
(785) 438-4750
JLAIGAARD@TPS501.ORG

AT&T COMMUNICATIONS (TELEPHONE):
AT&T CORP.
220 SE 6TH ST., STE. 236
TOPEKA, KS 66606
EZRA BROWN
(785) 596-9905
EB409Q@ATT.COM

GIANT COMMUNICATIONS (FIBER OPTIC):
GIANT COMMUNICATIONS
515 S KANSAS AVE. STE. 210
TOPEKA, KS 66603
LANCE LYMAN
(785) 362-3312
LANCELYMAN@GIANTCOMM.NET

CITY OF TOPEKA (FIBER OPTIC):
CITY OF TOPEKA, INFO. TECH.
620 SE MADISON ST., 3RD FL.
TOPEKA, KS 66603
WESLEY L. WHITE
(785) 338-2633
WLWHITE@TOPEKA.ORG

KANSAS GAS SERVICE (GAS):
200 E 1ST ST.
TOPEKA, KS 66603-3603
ANNA FRIZELL
(785) 431-4276
(785) 438-7017 (CELL)
ANNA.FRIZELL@ONEGAS.COM
FOR GAS LEAKS 1-888-482-4950 & CALL 911 IMMEDIATELY

CITY OF TOPEKA (TRAFFIC SIGNAL):
CITY OF TOPEKA, TRAF. OPS.
927 NW HARRISON ST.
TOPEKA, KS 66612
DUANE MORRIS
(785) 368-3913
DMORRIS@TOPEKA.ORG

KSFIBERNET (FIBER OPTIC):
KANSAS FIBER NETWORK LLC
10875 BENSON DR., STE. 250
OVERLAND PARK, KS 66210
BRAD BURGER
(913) 213-2937
BBURGER@KSFIBER.NET

NO.	DATE:	REVISION

DRAWN BY: CTS
DESIGNED BY: MKS
APPROVED BY: FSA
SURVEYED BY: COT
TOPEKA PM: JH



SW OAKLEY AVENUE
FROM SW 10TH AVENUE TO SW FRONT STREET
ROADWAY IMPROVEMENT PROJECT NO. 841099.07
SANITARY SEWER PROJECT NO. 291109.02

UTILITY CONTACTS & SURVEY CONTROL & BID ITEMS

DATE: APRIL 2026
SHEET: 2 OF 74
PROJ.: 841099.07
PEC#: 250987-000

GENERAL NOTES

1. THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE PLANS (APPROVED BY THE CITY OF TOPEKA) AND ONE (1) COPY OF THE PROJECT MANUAL ON-SITE AT ALL TIMES DURING CONSTRUCTION.
2. ALL CONSTRUCTION METHODS AND MATERIALS USED IN THE CONSTRUCTION OF THE IMPROVEMENTS COVERED BY THESE PLANS SHALL BE IN ACCORDANCE WITH THE CITY CODES, ORDINANCES, TECHNICAL SPECIFICATIONS AND DESIGN STANDARDS ON FILE AT THE CITY OF TOPEKA, KANSAS.
3. ALL CONSTRUCTION METHODS AND MATERIALS USED IN THE CONSTRUCTION OF THE IMPROVEMENTS COVERED BY THESE PLANS SHALL BE IN ACCORDANCE WITH THE STANDARD TECHNICAL SPECIFICATIONS FOR THE CITY OF TOPEKA AS APPROVED UNDER PW007683 ON NOVEMBER 27, 2023.
4. CONTRACTOR SHALL ATTEMPT TO MAKE PROGRESS EACH WORKABLE DAY.
5. CONTRACTOR SHALL NOT BE ALLOWED TO WORK SUNDAYS. HOLIDAY OR SATURDAY WORK SHALL BE AS APPROVED BY THE CITY OF TOPEKA.
6. CONTRACTOR SHALL CALL 1-800-DIG-SAFE PRIOR TO ANY PROJECT EXCAVATION.
7. THE INFORMATION SHOWN IN THESE PLANS CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. EXISTING UTILITIES AND THEIR LOCATIONS, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATIONS AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.
8. THE CONTRACTOR SHALL NOTIFY ALL LANDOWNERS IN WRITING AT LEAST ONE (1) WEEK PRIOR TO ANY CONSTRUCTION ACTIVITIES WHICH WOULD TAKE PLACE ADJACENT TO THEIR PROPERTY. INDIVIDUAL DETAILED NOTICES OF ACCESS RESTRICTIONS SHALL BE HAND DELIVERED FORTY EIGHT (48) HOURS PRIOR TO CONSTRUCTION. NOTICE SHALL BE GIVEN THE DAY BEFORE TO ANY WATER CUSTOMER PRIOR TO INTERRUPTION OF SERVICE TO MAKE CONNECTIONS.
9. AT BORROW AREA LOCATIONS ADJACENT TO THE RIGHT OF WAY, UTILITY POLES MAY BE SET AT THE PERMANENT LOCATIONS PRIOR TO CONSTRUCTION AS APPROVED BY THE ENGINEER PROVIDED A MINIMUM VERTICAL CLEARANCE, IN ACCORDANCE WITH THE NATIONAL ELECTRICAL SAFETY CODE, IS OBTAINED. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND THESE POLES TO COMPLETE THE WORK.
10. BORROW AREAS PROVIDED BY THE CONTRACTOR SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY OF MATERIAL AND LOCATION. SPECIAL CARE SHALL BE TAKEN IN THIS APPROVAL TO MINIMIZE THE INCREASE OF SILTATION AND TURBIDITY OF STREAMS, LAKES AND RESERVOIRS AND TO AVOID INTERFERENCE WITH THE MOVEMENT OF MIGRATORY FISH. AREAS WHICH, IN THE OPINION OF THE ENGINEER, MAY LEAVE AN UNSIGHTLY APPEARANCE TO THE PROJECT WILL NOT BE APPROVED.
11. ALL BORROW AREA LOCATIONS SHALL BE SUBMITTED TO THE KDOT ENVIRONMENTAL SERVICES SECTION FOR CLEARANCE FROM THE KANSAS HISTORICAL SOCIETY AND THE KANSAS DEPARTMENT OF WILDLIFE AND PARKS PRIOR TO ANY EXCAVATION.
12. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RESTORE, SEED AND/OR COMPLETE OTHER OPERATIONS NOTED IN THE AGREEMENT WITH THE LAND OWNER, APPROVED BY THE ENGINEER, ON ALL DISTURBED AREAS USED TO PROVIDE BORROW AND/OR STOCKPILING.
13. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE FERTILIZED, SEEDED, AND MULCHED BY THE CONTRACTOR IN ACCORDANCE WITH CURRENT CITY OF TOPEKA TECHNICAL SPECIFICATIONS, LATEST EDITION.
14. EMBANKMENT QUANTITIES FOR INITIAL CONSOLIDATION AND SETTLEMENT SHOWN IN THE EARTHWORK QUANTITIES ARE SUBSIDIARY TO OTHER EARTHWORK ITEMS. MATERIAL FOR THE EMBANKMENT IS INCLUDED IN THE EXCAVATION QUANTITIES.
15. EXCAVATION REQUIRED FOR PLACING SELECT SOIL IS INCLUDED IN THE UNCLASSIFIED EXCAVATION QUANTITIES.
16. EXCAVATION SHOWN TO BE WASTED SHALL BE WASTED ON SITES PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE, AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED.
17. SUBGRADE AREAS BENEATH DRIVE ENTRANCES, PARKING LOT PAVEMENT, TEMPORARY SURFACING AND CRUSHED ROCK SURFACING SHALL RECEIVE 6" COMPACTION OF EARTHWORK (TYPE A). SUBGRADE AREAS BENEATH SIDEWALK CONSTRUCTION SHALL RECEIVE 6" COMPACTION OF EARTHWORK (TYPE AB). ALL NEW AND REMOVED STORM SEWER BACKFILL SHALL BE COMPACTED TO TYPE A SPECIFICATIONS. ALL OTHER EMBANKMENT AREAS, NOT OTHERWISE DESIGNATED SHALL BE COMPACTED TO TYPE B SPECIFICATIONS. ALL COMPACTION WILL BE SUBSIDIARY TO THE CORRESPONDING BID ITEMS.
18. ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN WOULD REQUIRE A KANSAS DEPARTMENT OF AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. CORPS OF ENGINEERS PERMITTING REGULATIONS.
19. ALL TREES, HEDGE ROWS, SHELTER BELTS, AND WOODY SHRUBS NOT SHOWN TO BE REMOVED AND LOCATED BETWEEN THE CONSTRUCTION LIMITS AND THE RIGHT-OF-WAY LINE OR EASEMENT LINE SHALL BE SPARED UNLESS DIRECTED BY THE ENGINEER TO BE REMOVED.
20. CONSTRUCTION STAKING IS TO BE PROVIDED BY THE CONTRACTOR. SURVEY STAKES, BENCHMARKS, AND PROPERTY PINS DESTROYED BY THE CONTRACTOR SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.
21. CONTRACTOR IS RESPONSIBLE FOR ALL FINISHED GRADES MATCHING EXISTING GRADES AND ALL FINISHED GRADES SHALL PROMOTE POSITIVE DRAINAGE. ANY AND ALL WORK TO PROMOTE POSITIVE DRAINAGE SHALL BE SUBSIDIARY TO THE PROJECT.
22. ALL SAW CUTS SHALL BE FULL DEPTH AND SHALL BE SUBSIDIARY TO "PAVEMENT REMOVAL".
23. ALL PAVEMENT AND SIDEWALKS TO BE REMOVED SHALL BE SAW CUT. ANY PAVEMENT OR SIDEWALK DAMAGED BEYOND THE ORIGINAL SAW CUT LIMITS (AS SHOWN ON THE PLAN OR DETERMINED IN THE FIELD) SHALL BE RE-SAWN TO PROVIDE AN EVEN JOINT AND REPLACED AT THE CONTRACTOR'S EXPENSE.
24. PAVEMENT AND SIDEWALK REMOVAL LIMITS SHOWN ARE APPROXIMATE AND MAY BE CHANGED DUE TO GRADE CONSIDERATIONS OR OTHER FIELD CONDITIONS, AS APPROVED BY THE ENGINEER.
25. CONTRACTOR WILL BE PAID FOR THE REMOVAL AND REPLACEMENT OF PAVEMENT TO THE LIMITS SHOWN ON THE PLANS. ANY ADDITIONAL PAVEMENT REMOVAL AND REPLACEMENT WILL BE PAID FOR BY THE CONTRACTOR, UNLESS APPROVED BY THE ENGINEER.
26. SEALING ON CURB & GUTTER SECTIONS SHALL BE ONLY AT EXPANSION JOINTS. CONTRACTION JOINTS IN CURB & GUTTER SHALL NOT BE SEALED.
27. IN ADDITION TO ALL CONCRETE PAVEMENT TO BE CONSTRUCTED FOR VEHICULAR USE, CONCRETE SIDEWALKS AND SIDEWALK RAMPS ARE TO BE CONSTRUCTED WITH PAVEMENT CLASS-A CONCRETE.
28. EXISTING PRIVATE UTILITY VALVE BOXES SHALL BE ADJUSTED TO FINAL GRADE BY THE OWNER OF THE UTILITY. THESE ADJUSTMENTS SHALL BE MADE PRIOR TO FINAL SEEDING OF THE PROJECT. THE CONTRACTOR SHALL COORDINATE THE ADJUSTMENT OF VALVE BOXES WITH THE UTILITY OWNERS.
29. SPRINKLER HEADS AFFECTED BY CONSTRUCTION SHALL BE CAPPED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION AND NOTICE GIVEN TO THE PROPERTY OWNER. SPRINKLER SYSTEMS LOCATED WITHIN EXISTING RIGHT-OF-WAY WILL NOT BE REPAIRED. IF A SPRINKLER SYSTEM LOCATED ON PRIVATE PROPERTY IS DAMAGED, IT SHALL BE REPAIRED AT THE COMPLETION OF THE CONSTRUCTION. THIS WORK SHALL BE CONSIDERED SUBSIDIARY TO THE BID ITEM "UNCLASSIFIED EXCAVATION".
30. THE CONTRACTOR SHALL PROTECT AND/OR GRADE AROUND SIGNS AND LIGHT POLES THAT ARE SHOWN IN THE PLANS TO BE PROTECTED, INCLUDING ANY SIGN LIGHTING. SHOULD ANY OF THE POLES OR SIGNS BE DAMAGED DUE TO CONTRACTOR ACTIVITY, THE CONTRACTOR SHALL REPAIR OR REPLACE THEM AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL ALSO PROTECT ANY UNDERGROUND WIRING THAT IS ASSOCIATED WITH THE SIGNS AND LIGHT POLES. SHOULD ANY ELECTRICAL SERVICE TO THE POLES OR SIGNS BE SEVERED DUE TO CONTRACTOR ACTIVITY, THE CONTRACTOR SHALL RESTORE THE SERVICE AT THE CONTRACTOR'S EXPENSE.
31. MANHOLE LIDS ADJUSTED IN PAVEMENT, SHALL BE SLOPED TO MATCH THE PROPOSED PAVEMENT SLOPE, SUBSIDIARY UNLESS OTHERWISE STATED.
32. ALL SALVAGEABLE DRAIN PIPES, MANHOLE RINGS AND COVERS, INLET GRATES AND FRAMES SHALL BE CAREFULLY REMOVED AND STOCKPILED AT LOCATIONS WITHIN THE RIGHT-OF-WAY, AS DIRECTED BY THE ENGINEER, FOR REMOVAL BY CITY PERSONNEL.
33. WHEN MAILBOXES ARE EITHER REMOVED OR INACCESSIBLE DURING CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE WITH THE POSTAL SERVICE AND PROVIDE TEMPORARY MAILBOXES AT CONVENIENT LOCATIONS FOR THE PROPERTY OWNERS.
34. CONTRACTOR SHALL NOTIFY THE CITY OF TOPEKA TRAFFIC SECTION (368-3842) A MINIMUM OF 48 HOURS IN ADVANCE OF START OF CONSTRUCTION AND IN ADVANCE OF SWITCHING TRAFFIC FROM ONE PHASE TO THE NEXT.
35. ALL SIGNING, BARRICADES, AND DRUMS UTILIZED IN TRAFFIC CONTROL SHALL BE PROVIDED, ERECTED, AND MAINTAINED BY THE CONTRACTOR. TRAFFIC CONTROL SHALL BE IN CONFORMANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
36. WHERE TRAFFIC IS CARRIED ADJACENT TO CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE "SURFACE DROP-OFF TREATMENT" AS SPECIFIED IN SECTION 4.24C(11) AND TABLE 4.24C(11) OF THE STANDARD TECHNICAL SPECIFICATIONS.
37. THE BID ITEM "VARIABLE MESSAGE BOARD" INCLUDES THE ONE-TIME SETUP AND OPERATION OF ONE VARIABLE MESSAGE BOARD FOR UP TO A 2 WEEK PERIOD. ONE VARIABLE MESSAGE BOARD WILL BE PLACED AT EACH END OF THE PROJECT 1 WEEK PRIOR TO THE START OF EACH PHASE OF CONSTRUCTION. ADDITIONAL SETUPS OF VARIABLE MESSAGE BOARDS MAY BE REQUIRED THROUGHOUT THE PROJECT, AS DIRECTED BY THE ENGINEER. PAYMENT WILL BE AT THE UNIT PRICE PER EACH. ACTUAL WORDING TO BE DETERMINED BY THE ENGINEER.
38. CONCRETE WASHOUT: THE ENVIRONMENTAL PROTECTION AGENCY REQUIRES THE CAPTURE OF WASHOUT WATER USED IN CONCRETE MIXER RINSE OUT OPERATIONS. CONCRETE WASHOUT WATER MUST BE COLLECTED AND RETAINED. CONCRETE WASHOUT FACILITIES SHOULD NOT BE PLACED WITHIN 50 FEET OF STORMS DRAINS, OPEN DITCHES OR BODIES OF WATER. THE COLLECTION OF CONCRETE WASHOUT WATER IS SUBSIDIARY TO OTHER ITEMS OF WORK.
39. FOR EACH PHASE OF CONSTRUCTION THE CONTRACTOR SHALL PERFORM AN INVENTORY OF ALL EXISTING SIGNS (TYPE AND LOCATION) BEFORE BEGINNING ANY WORK. PRIOR TO A WORK PHASE BEING OPENED TO TRAFFIC, THE CONTRACTOR SHALL INSTALL ALL SIGNS IN THEIR ORIGINAL LOCATION OR IN ACCORDANCE WITH THE MUTCD WHERE THE ROADWAY GEOMETRY HAS CHANGED. ALL WORK FOR REMOVING, STORING, AND INSTALLING SIGNS SHALL BE SUBSIDIARY TO OTHER ITEMS OF THE CONTRACT.
40. THE CONTRACTOR SHALL MAINTAIN DRAINAGE DURING CONSTRUCTION AND IS RESPONSIBLE FOR ANY DEWATERING NECESSARY DURING CONSTRUCTION.
41. UTILITY DEPTH INFORMATION, WHEN INDICATED, WAS OBTAINED FROM A VARIETY OF SOURCES, INCLUDING VALVE NUT DEPTH AND SEWER INVERTS AT MANHOLES. THIS INFORMATION IS PROVIDED FRO THE CONTRACTORS USE. HOWEVER, THE ACCURACY OF THE INFORMATION IS NOT GUARANTEED. THE CONTRACTOR SHALL VERIFY ALL UTILITY DEPTHS AND REPORT ANY CHANGE IN THE HORIZONTAL OR VERTICAL ALIGNMENT NECESSITATED BY THESE CHANGES TO THE ENGINEER PRIOR TO INSTALLATION OF THE WATERLINE.

NO.	DATE:	REVISION

DRAWN BY: CTS
 DESIGNED BY: MKS
 APPROVED BY: FSA
 SURVEYED BY: COT
 TOPEKA PM: JH

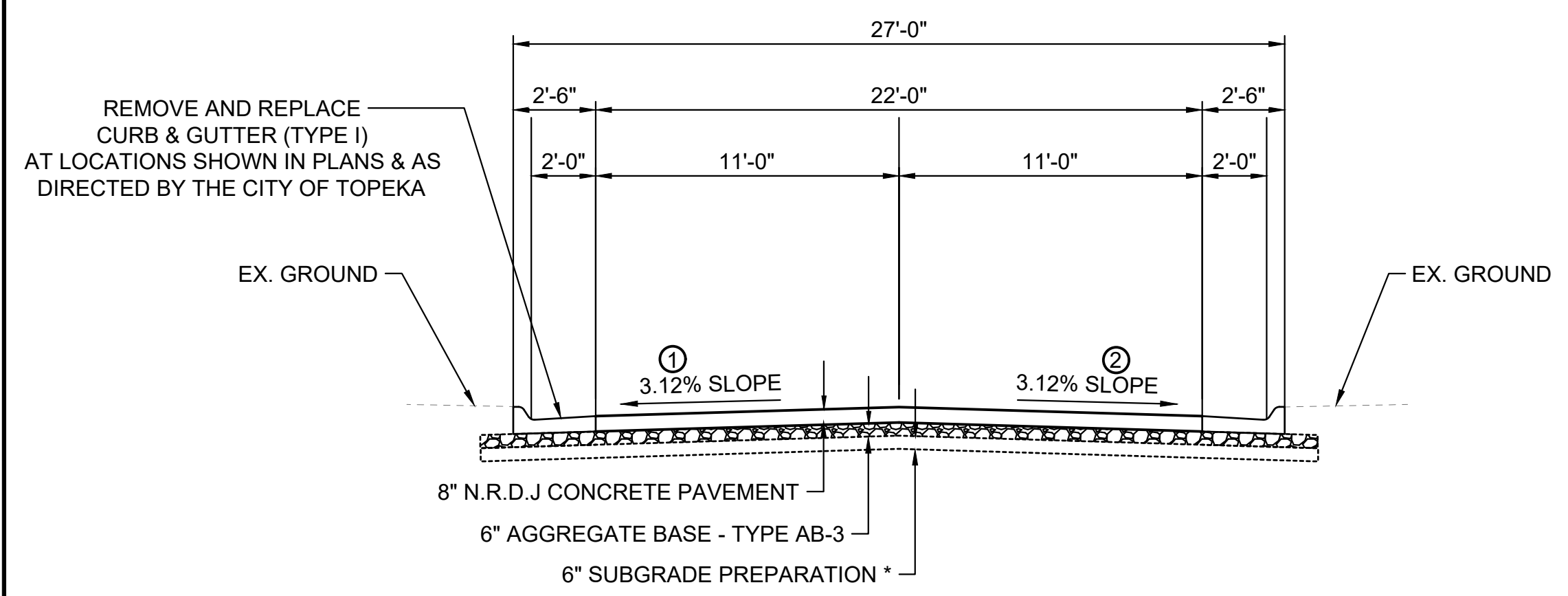


TOPEKA
 Public Works
ENGINEERING
 620 SE MADISON St. • 2nd Floor • TOPEKA, KS 66607
 Phone: (785) 368-3842 • Fax: (785) 368-3881

SW OAKLEY AVENUE
 FROM SW 10TH AVENUE TO SW FRONT STREET
 ROADWAY IMPROVEMENT PROJECT NO. 841099.07
 SANITARY SEWER PROJECT NO. 291109.02

GENERAL NOTES

DATE: APRIL 2026
 SHEET: 3 OF 74
 PROJ.: 841099.07
 PEC#: 250987-000

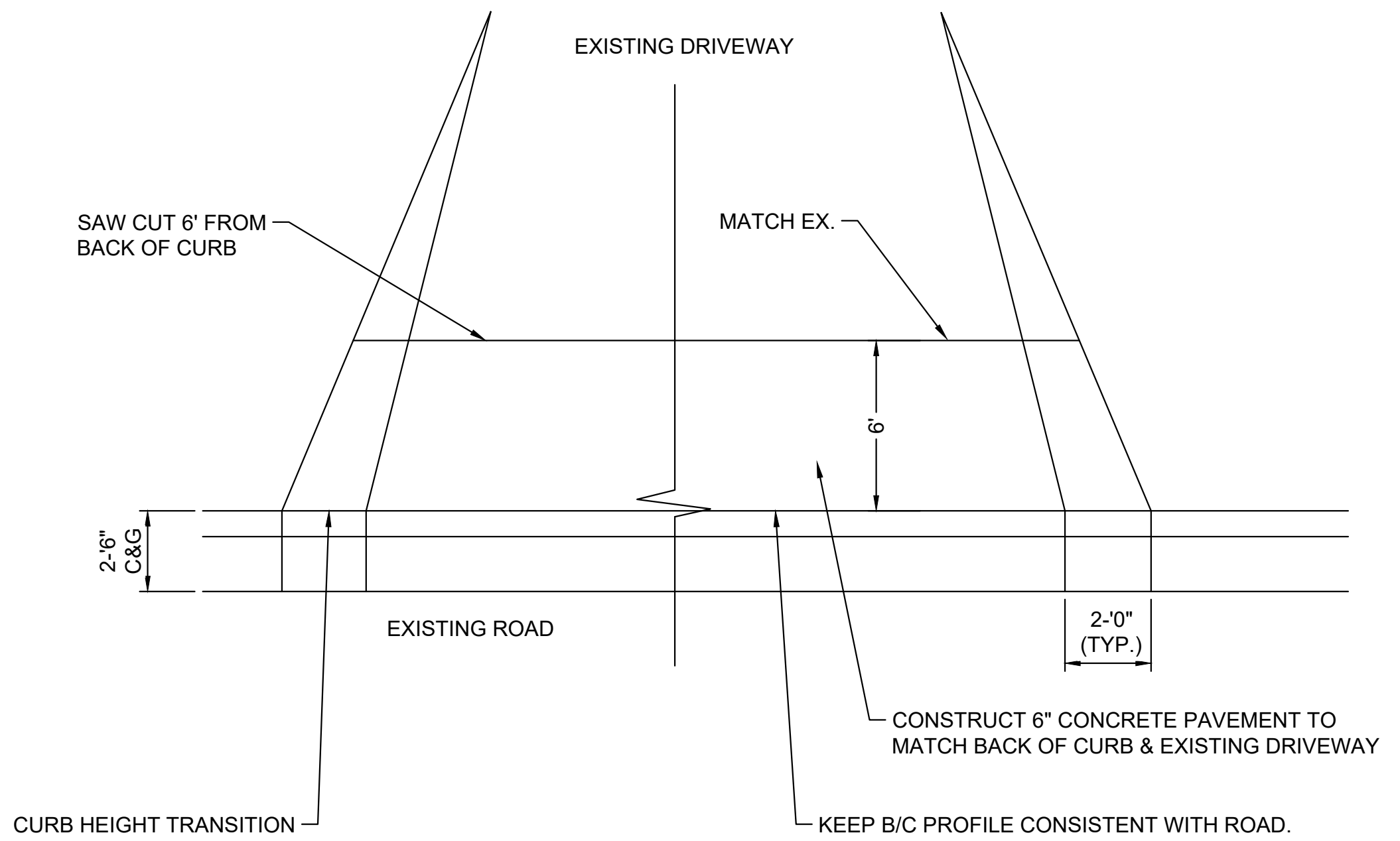


TYPICAL SECTION - FULL RECONSTRUCTION

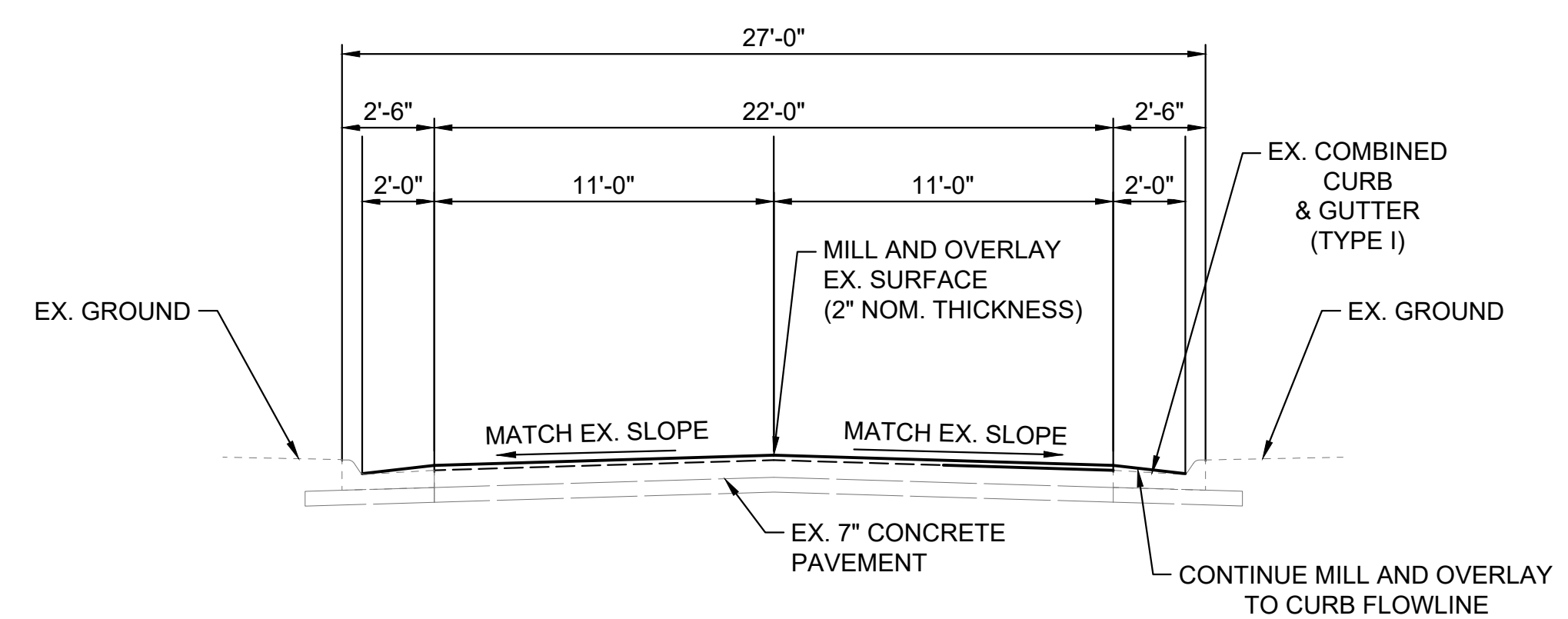
SW OAKLEY AVENUE
10TH AVE TO 8TH AVE - STA. 10+15.05 TO STA. 23+10.30

- ① VARIES FROM -0.42% TO -3.12% FROM STA. 10+37.00 TO STA. 10+87.00
VARIES FROM -3.12% TO -1.00% FROM STA. 16+00.00 TO STA. 16+50.00
-1.00% FROM STA. 16+50.00 TO STA. 16+65.00
VARIES FROM -1.00% TO -3.12% FROM STA. 16+65.00 TO STA. 17+15.00
VARIES FROM -3.12% TO -2.50% FROM STA. 22+50.00 TO STA. 22+90.00
- ② VARIES FROM -1.70% TO -3.12% FROM STA. 10+37.00 TO STA. 10+87.00
VARIES FROM -3.12% TO -2.20% FROM STA. 22+50.00 TO STA. 22+90.00

NOTE:
* SUBGRADE PREPARATION (6") WITH TYPE A COMPACTION SHALL BE SUBSIDIARY TO 6" AGGREGATE BASE - TYPE AB-3. MOISTURE CONTENT SHALL BE BETWEEN 0% TO +5% OF OPTIMUM MOISTURE CONTENT. IF SOIL IS UNSTABLE, PERFORM TRENCH STABILIZATION PER SECTION 2, SUBPARAGRAPH 5 OF THE STANDARD TECHNICAL SPECIFICATIONS.

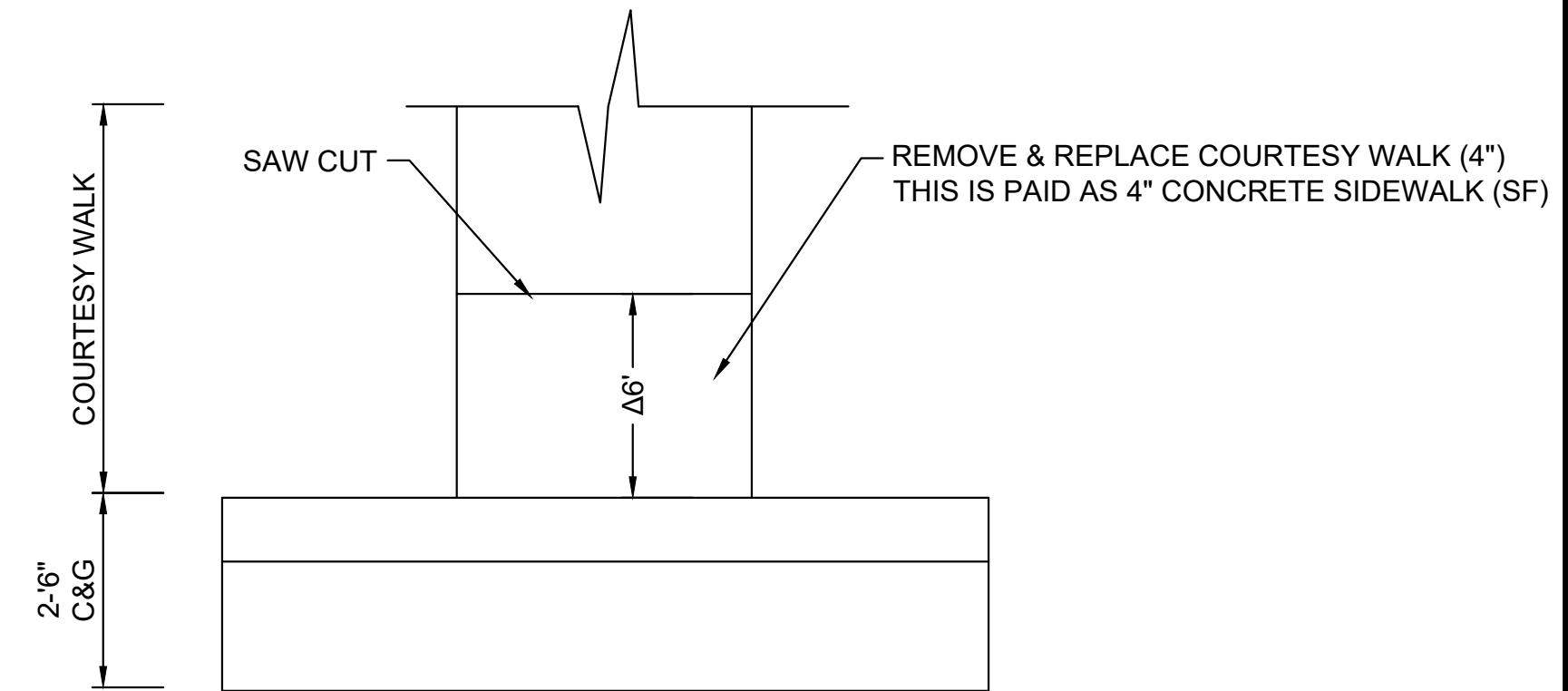


TYPICAL PRIVATE DRIVE APPROACH



TYPICAL SECTION - MILL & OVERLAY

SW OAKLEY AVENUE
8TH AVE TO FRONT ST - STA. 30+22.46 TO STA. 40+71.89

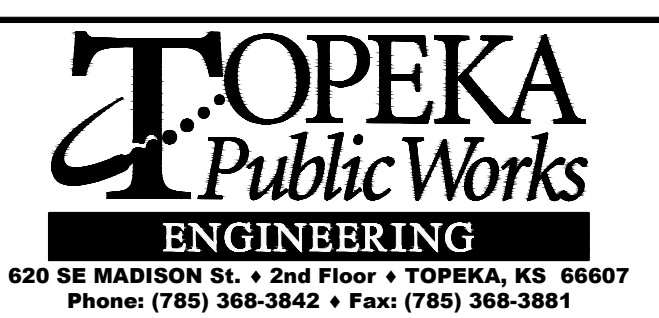


MATCH EXISTING COURTESY WALK (TYPICAL)

ΔDISTANCE WILL VARY DEPENDING ON DIFFERENCE BETWEEN PROPOSED BACK OF CURB & EXISTING COURTESY WALK. A SMOOTH & SLIGHTLY TRANSITION IS DESIRED. USE 6' AS A MINIMUM.

NO.	DATE:	REVISION

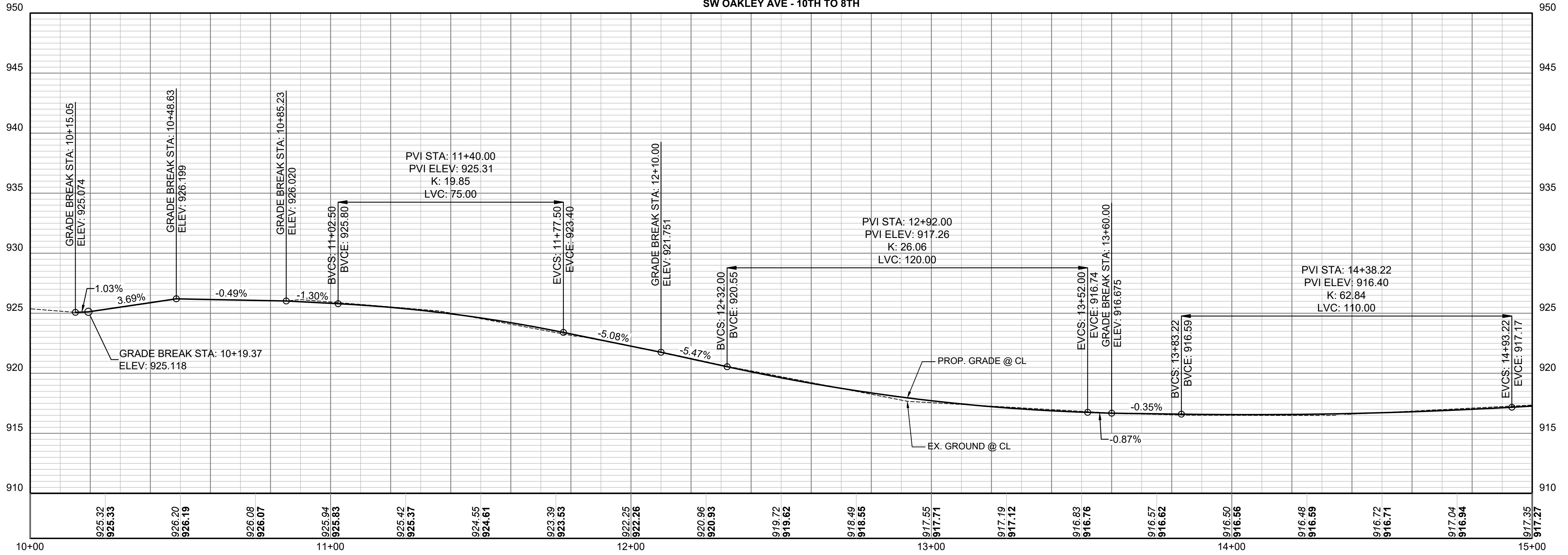
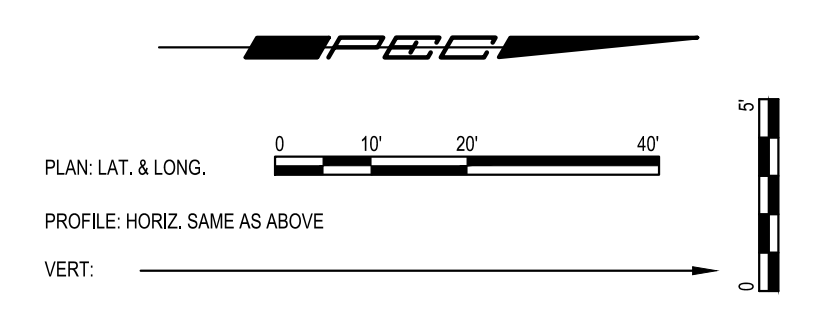
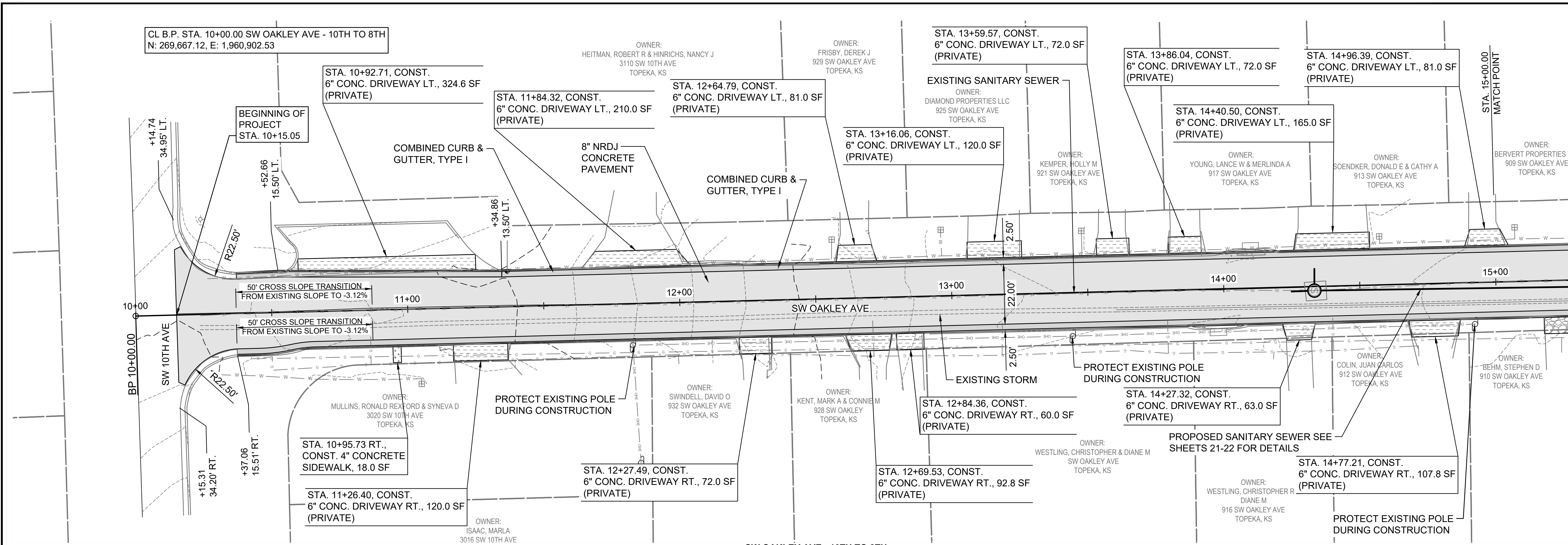
DRAWN BY: CTS
DESIGNED BY: MKS
APPROVED BY: FSA
SURVEYED BY: COT
TOPEKA PM: JH



SW OAKLEY AVENUE
FROM SW 10TH AVENUE TO SW FRONT STREET
ROADWAY IMPROVEMENT PROJECT NO. 841099.07
SANITARY SEWER PROJECT NO. 291109.02

TYPICAL SECTIONS

DATE: APRIL 2026
SHEET: 4 OF 74
PROJ.: 841099.07
PEC#: 250987-000



LEGEND

- FULL DEPTH RECONSTRUCTION
- SIDEWALK
- CURB & GUTTER
- DRIVEWAY REPLACEMENT

NO.	DATE:	REVISION

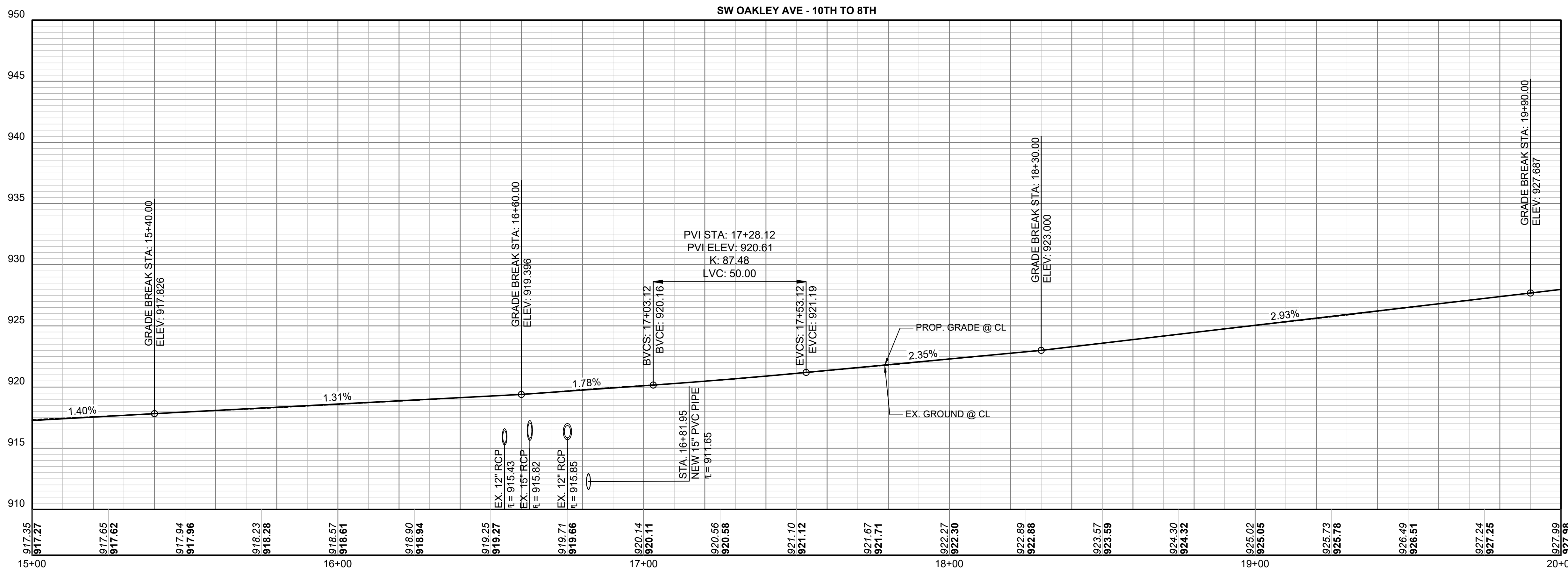
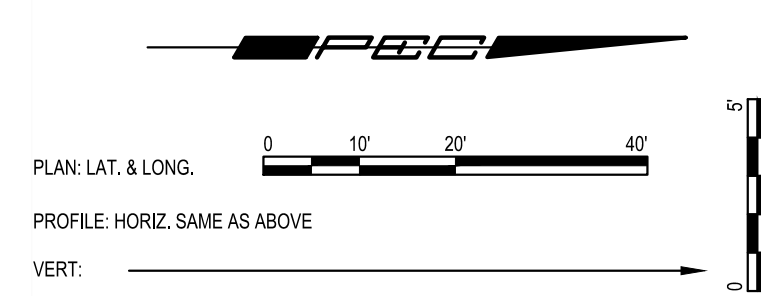
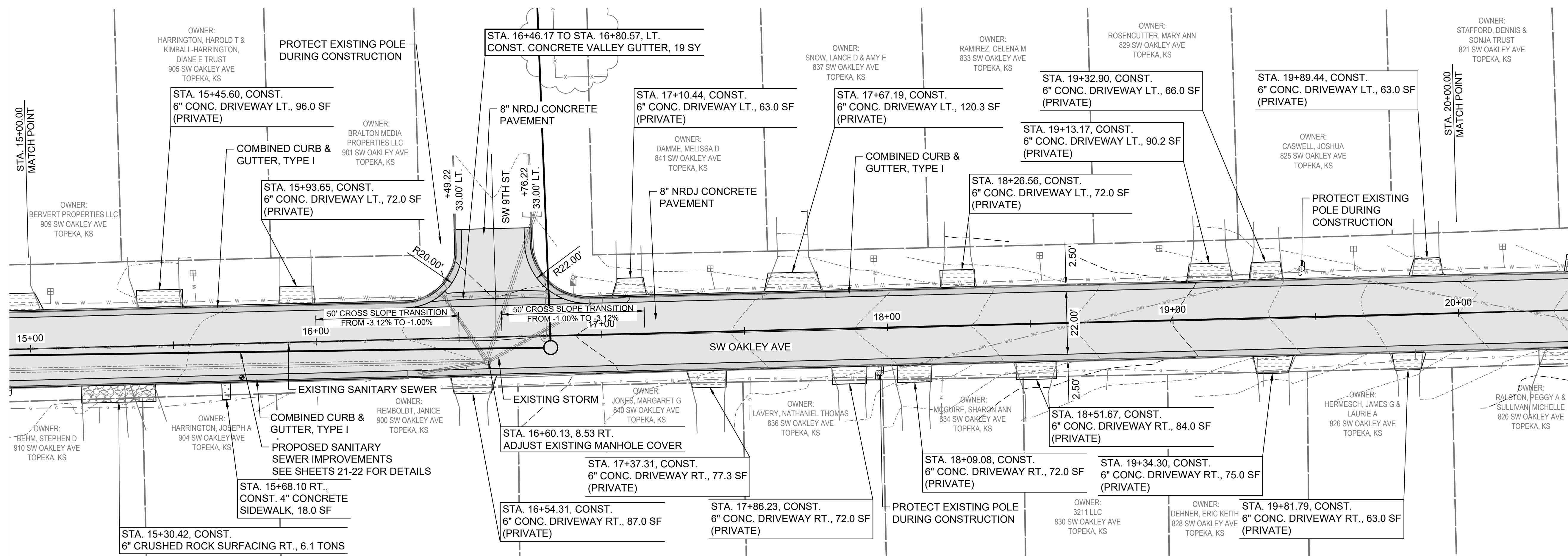
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 DESIGNED BY: MKS
 APPROVED BY: FSA
 SURVEYED BY: COT
 TOPEKA PM: JH



SW OAKLEY AVENUE
 FROM SW 10TH AVENUE TO SW FRONT STREET
 ROADWAY IMPROVEMENT PROJECT NO. 841099.07
 SANITARY SEWER PROJECT NO. 291109.02

PLAN SHEET
 STA. 10+00.00 TO STA. 15+00.00

DATE: APRIL 2026
 SHEET: 5 OF 74
 PROJ.: 841099.07
 PEC#: 250987-000

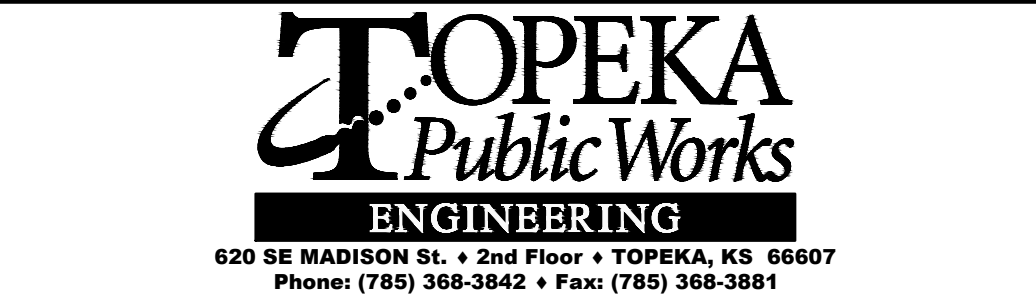


LEGEND

- FULL DEPTH RECONSTRUCTION
- SIDEWALK
- CURB & GUTTER
- DRIVEWAY REPLACEMENT
- GRAVEL DRIVEWAY REPLACEMENT

NO.	DATE:	REVISION

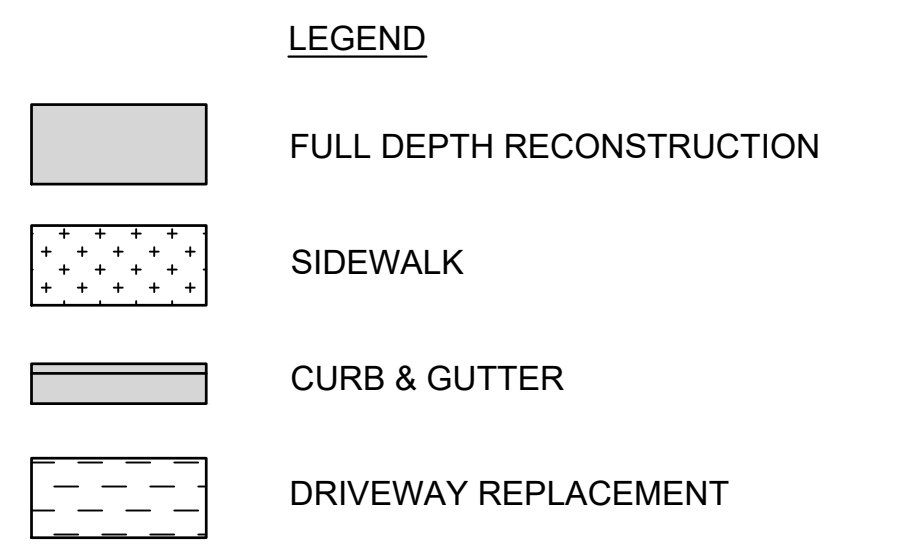
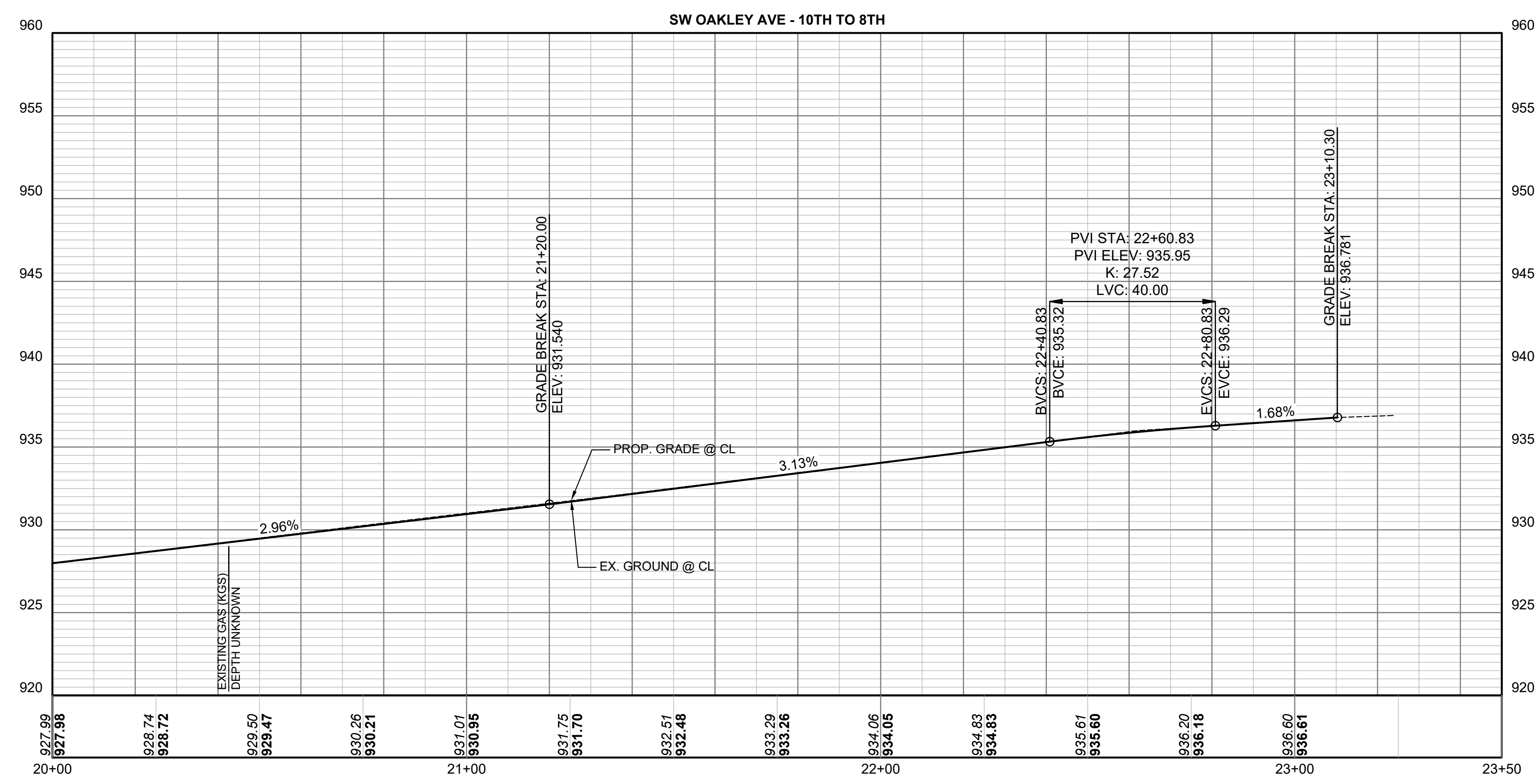
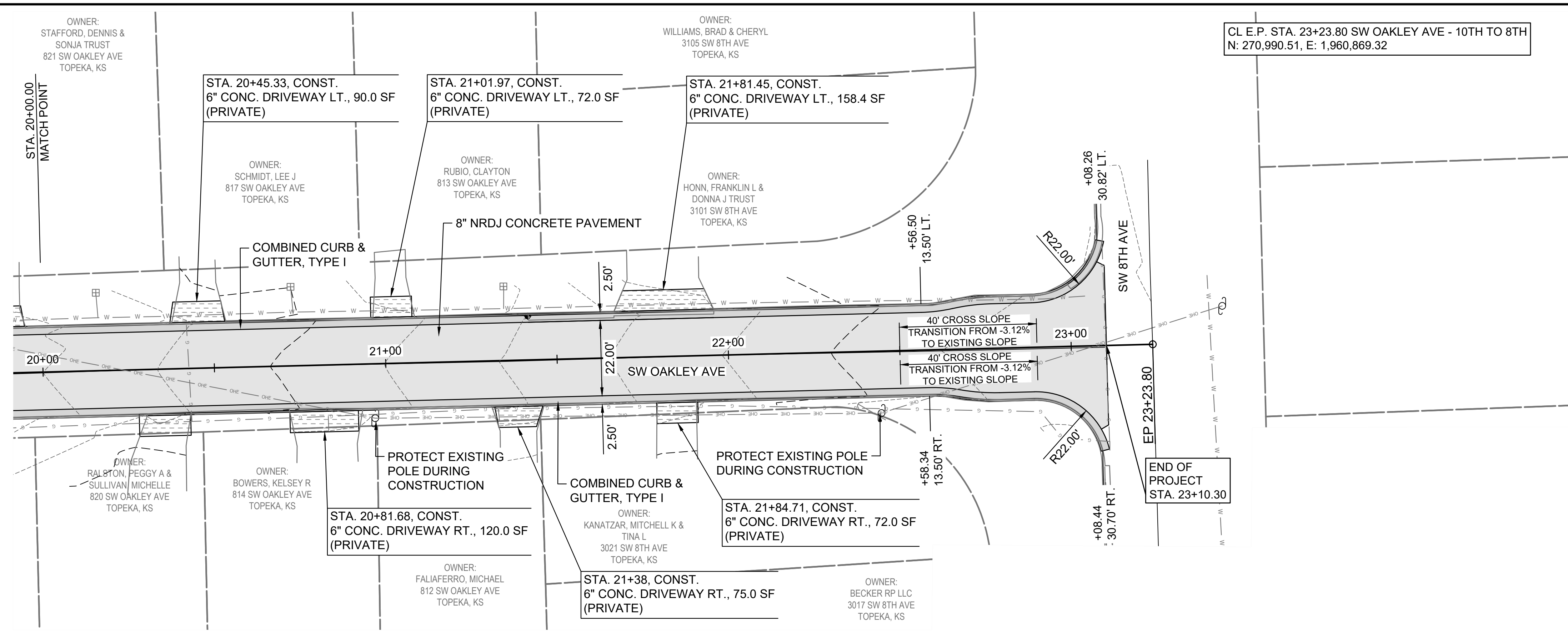
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 APPROVED BY: FSA
 SURVEYED BY: COT
 TOPEKA PM: JH



SW OAKLEY AVENUE
 FROM SW 10TH AVENUE TO SW FRONT STREET
 ROADWAY IMPROVEMENT PROJECT NO. 841099.07
 SANITARY SEWER PROJECT NO. 291109.02

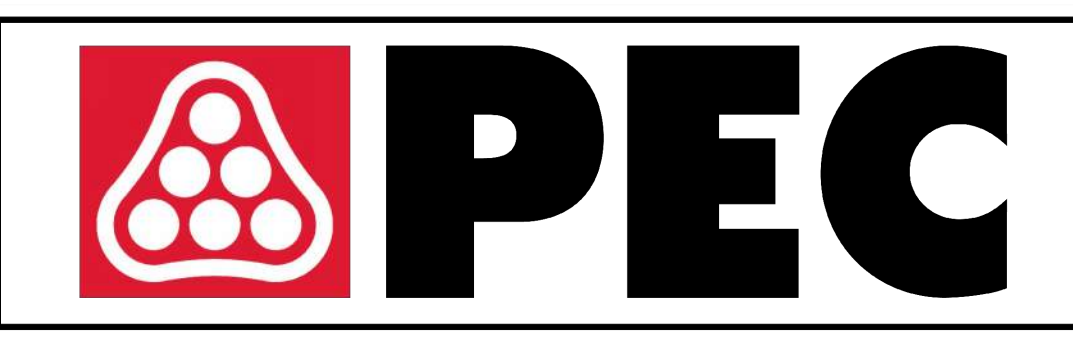
PLAN SHEET
 STA. 15+00.00 TO STA. 20+00.00

DATE: APRIL 2026
 SHEET: 6 OF 74
 PROJ.: 841099.07
 PEC#: 250987-000



NO.	DATE	REVISION

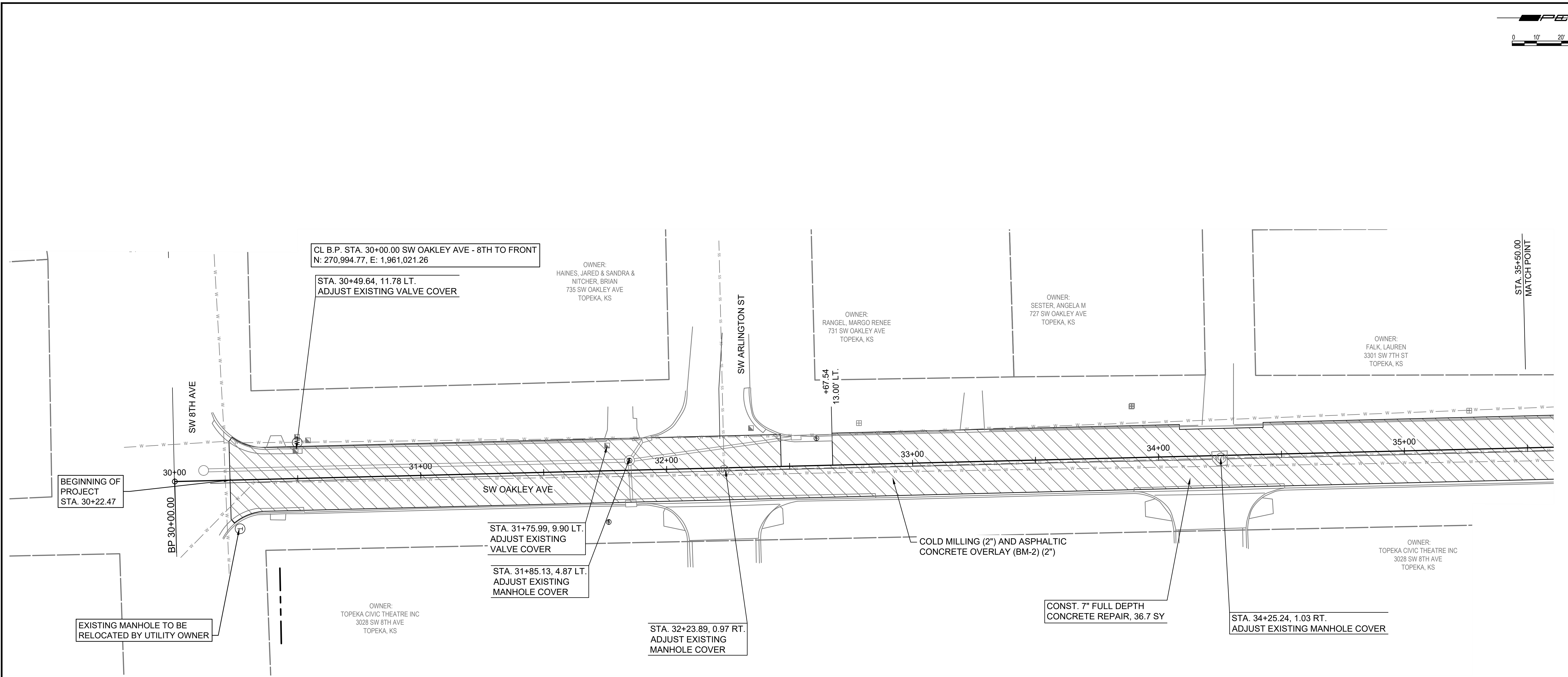
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 APPROVED BY: FSA
 SURVEYED BY: COT
 TOPEKA PM: JH



SW OAKLEY AVENUE
 FROM SW 10TH AVENUE TO SW FRONT STREET
 ROADWAY IMPROVEMENT PROJECT NO. 841099.07
 SANITARY SEWER PROJECT NO. 291109.02

DATE: APRIL 2026
 SHEET: 7 OF 74
 PROJ.: 841099.07
 PEC#: 250987-000

PLAN SHEET
 STA. 20+00.00 TO STA. 23+23.80



LEGEND

2" ASPHALT MILL & OVERLAY

NO.	DATE:	REVISION

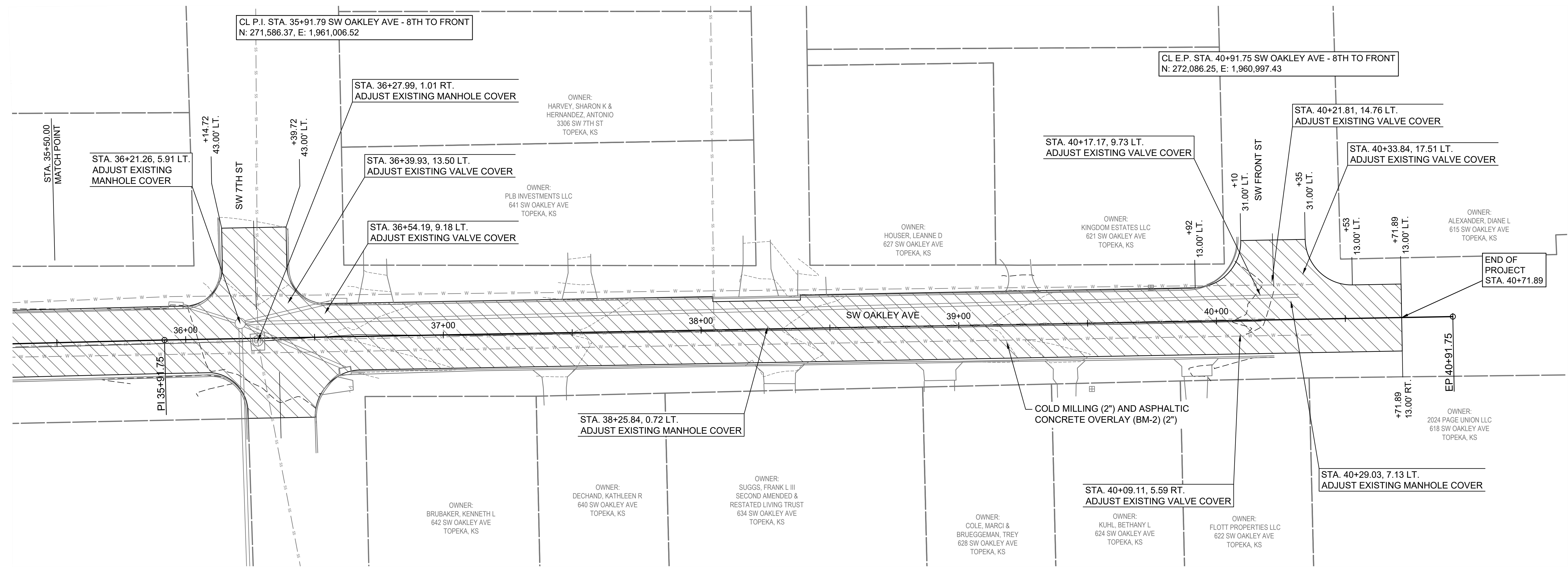
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 SURVEYED BY: COT
 TOPEKA PM: JH



SW OAKLEY AVENUE
 FROM SW 10TH AVENUE TO SW FRONT STREET
ROADWAY IMPROVEMENT PROJECT NO. 841099.07
 SANITARY SEWER PROJECT NO. 291109.02

PLAN SHEET
 STA. 30+00.00 TO STA. 35+50.00

DATE: APRIL 2026
 SHEET: 8 OF 74
 PROJ.: 841099.07
 PEC#: 250987-000

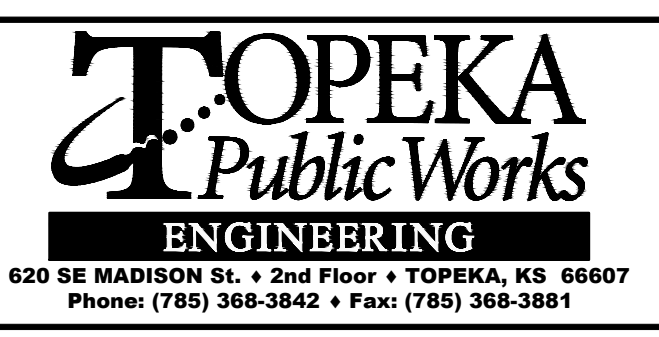


LEGEND

2" ASPHALT MILL & OVERLAY

NO.	DATE:	REVISION

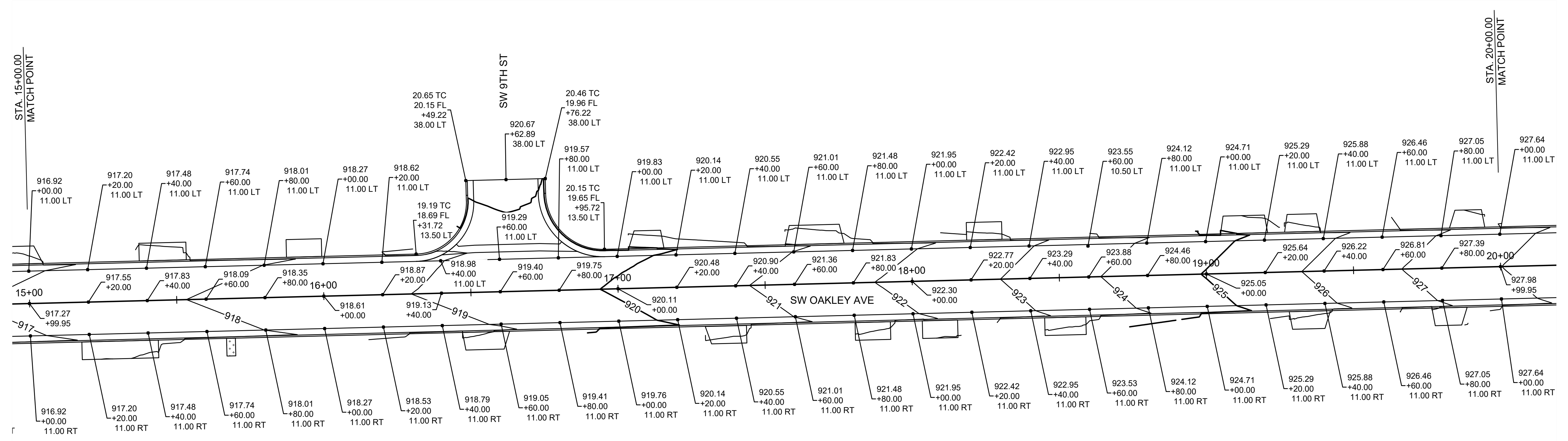
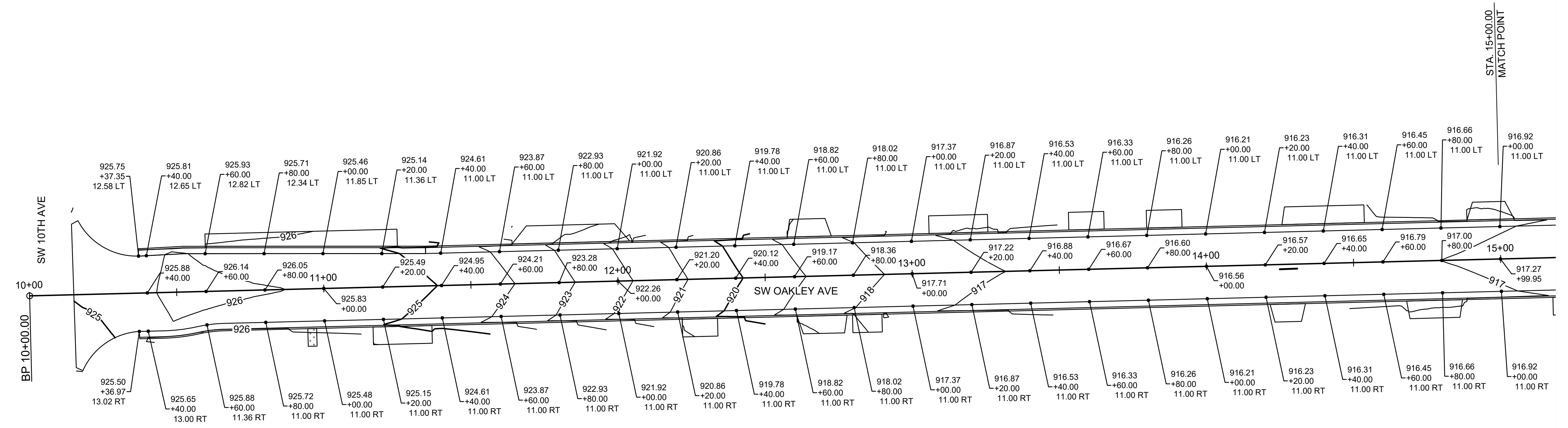
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 DESIGNED BY: MKS
 APPROVED BY: FSA
 SURVEYED BY: COT
 TOPEKA PM: JH



SW OAKLEY AVENUE
 FROM SW 10TH AVENUE TO SW FRONT STREET
 ROADWAY IMPROVEMENT PROJECT NO. 841099.07
 SANITARY SEWER PROJECT NO. 291109.02

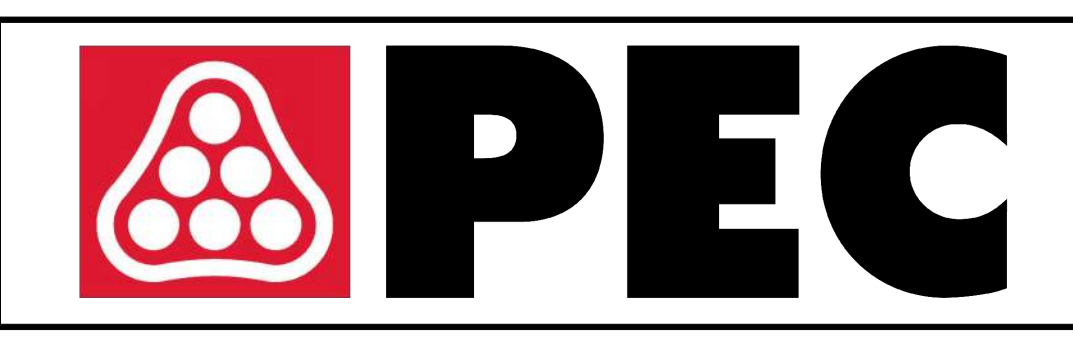
PLAN SHEET
 STA. 35+50.00 TO STA. 40+92.00

DATE: APRIL 2026
 SHEET: 9 OF 74
 PROJ.: 841099.07
 PEC#: 250987-000



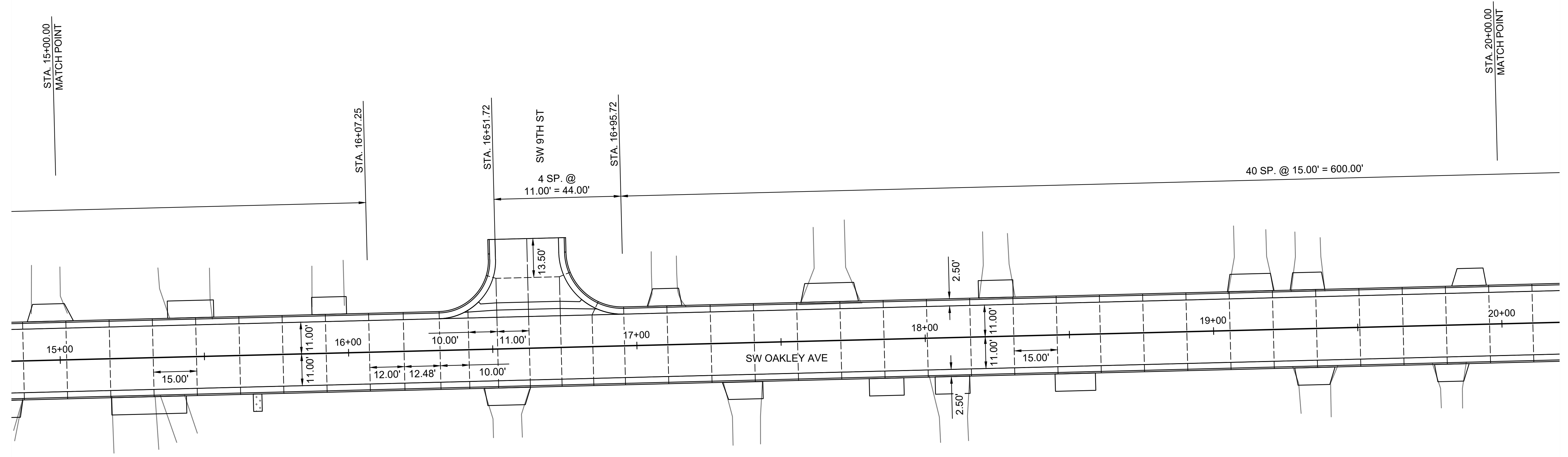
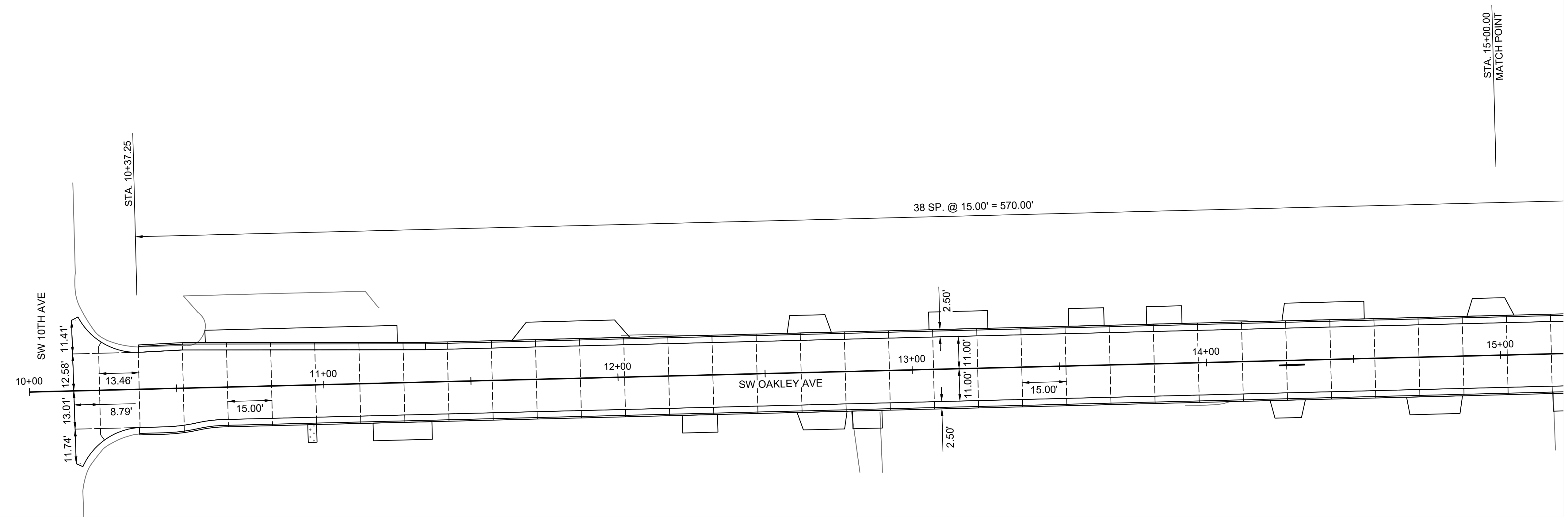
NO.	DATE:	REVISION

DRAWN BY: CTS
DESIGNED BY: MKS
APPROVED BY: FSA
SURVEYED BY: COT
TOPEKA PM: JH



SW OAKLEY AVENUE
FROM SW 10TH AVENUE TO SW FRONT STREET
ROADWAY IMPROVEMENT PROJECT NO. 841099.07
SANITARY SEWER PROJECT NO. 291109.02

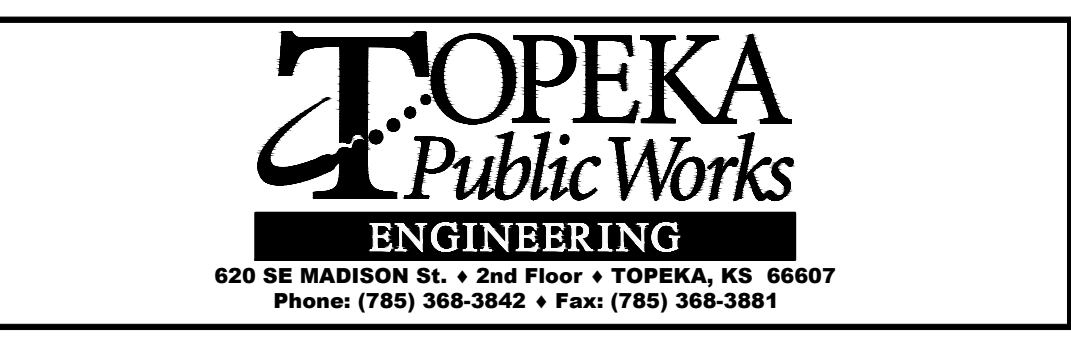
DATE: APRIL 2026
SHEET: 10 OF 74
PROJ.: 841099.07
PEC#: 250987-000



PAVEMENT JOINT LEGEND
 - - - - - TRANSVERSE JOINT
 ———— LONGITUDINAL JOINT

NO.	DATE	REVISION

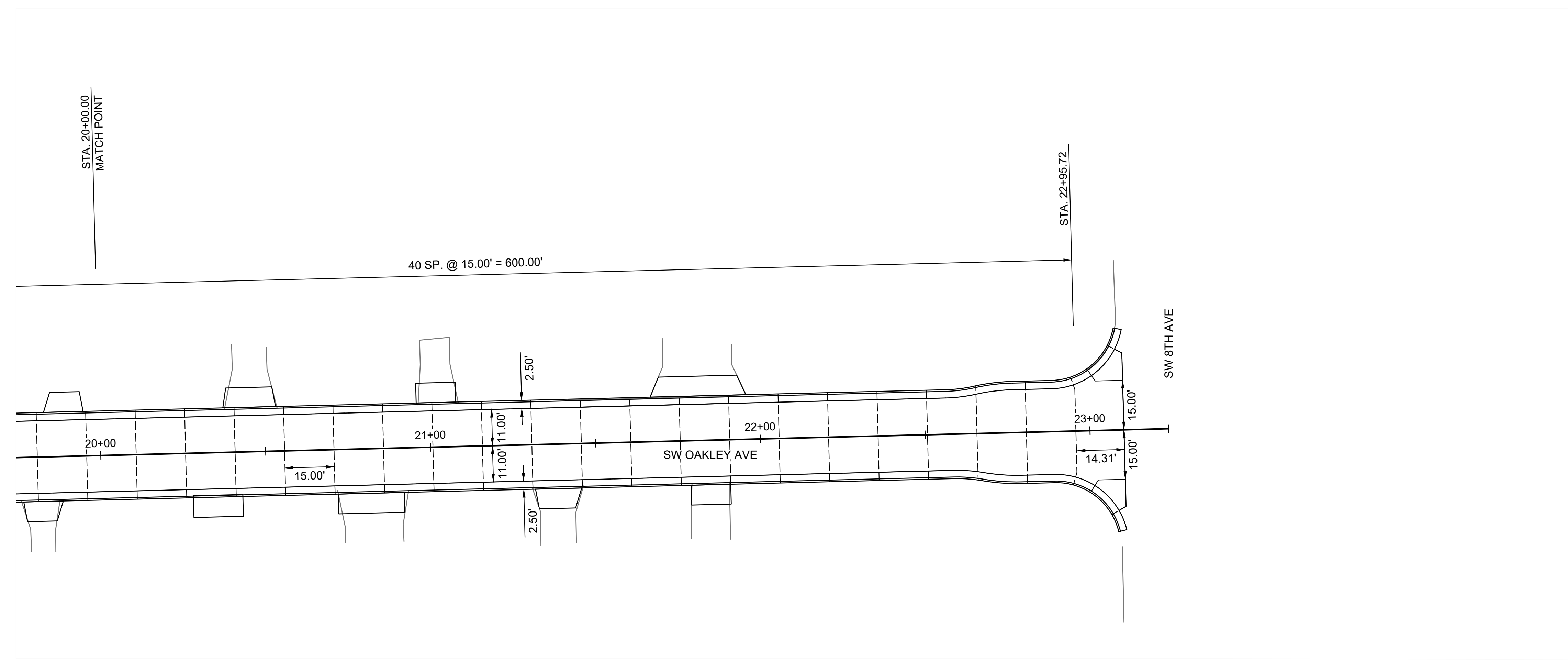
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 APPROVED BY: FSA
 SURVEYED BY: COT
 TOPEKA PM: JH



SW OAKLEY AVENUE
 FROM SW 10TH AVENUE TO SW FRONT STREET
 ROADWAY IMPROVEMENT PROJECT NO. 841099.07
 SANITARY SEWER PROJECT NO. 291109.02

JOINTING PLAN
 STA. 10+00.00 - STA. 20+00.00

DATE: APRIL 2026
 SHEET: 12 OF 74
 PROJ.: 841099.07
 PEC#: 250987-000



PAVEMENT JOINT LEGEND

- TRANSVERSE JOINT
- LONGITUDINAL JOINT

NO.	DATE	REVISION

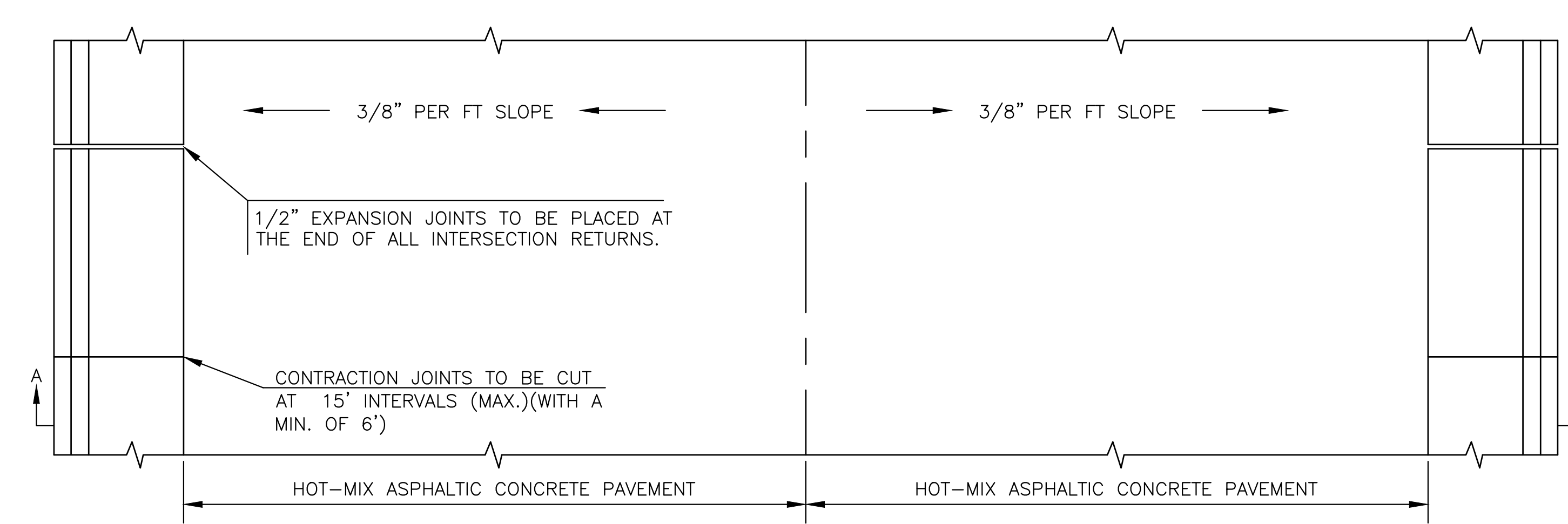
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 TOPEKA PM: JH



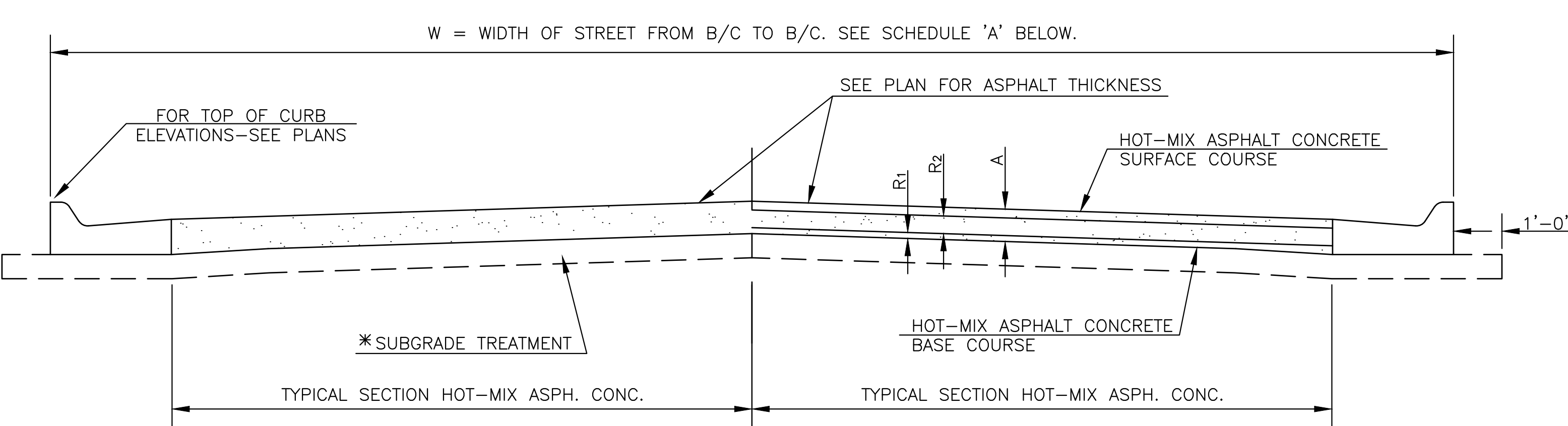
SW OAKLEY AVENUE
 FROM SW 10TH AVENUE TO SW FRONT STREET
ROADWAY IMPROVEMENT PROJECT NO. 841099.07
 SANITARY SEWER PROJECT NO. 291109.02

JOINTING PLAN
 STA. 20+00.00 - STA. 23+23.80

DATE: APRIL 2026
 SHEET: 13 OF 74
 PROJ.: 841099.07
 PEC#: 250987-000



PLAN

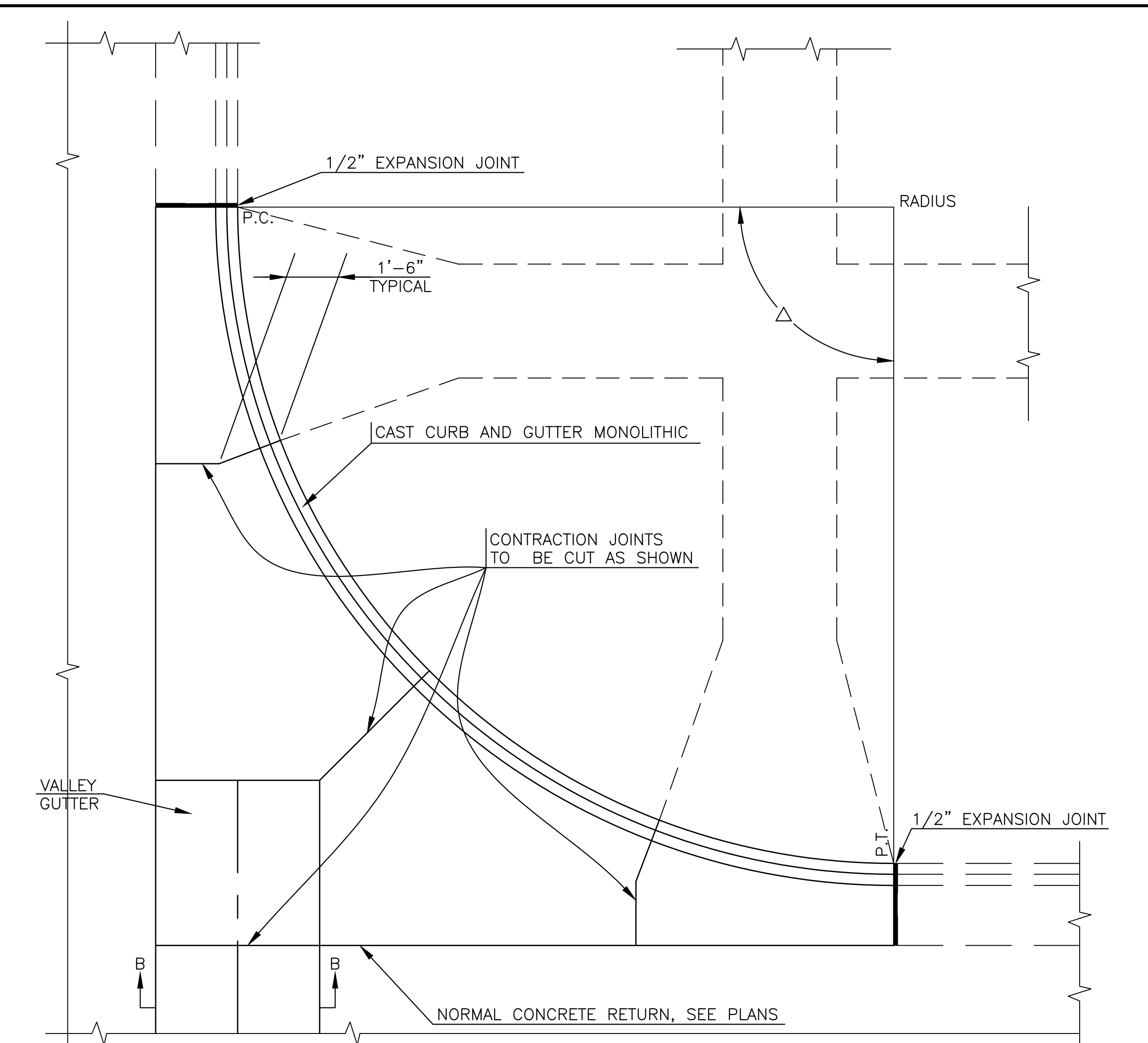


TYPICAL SECTION HOT-MIX ASPH. CONC. PAVE SECTION A-A

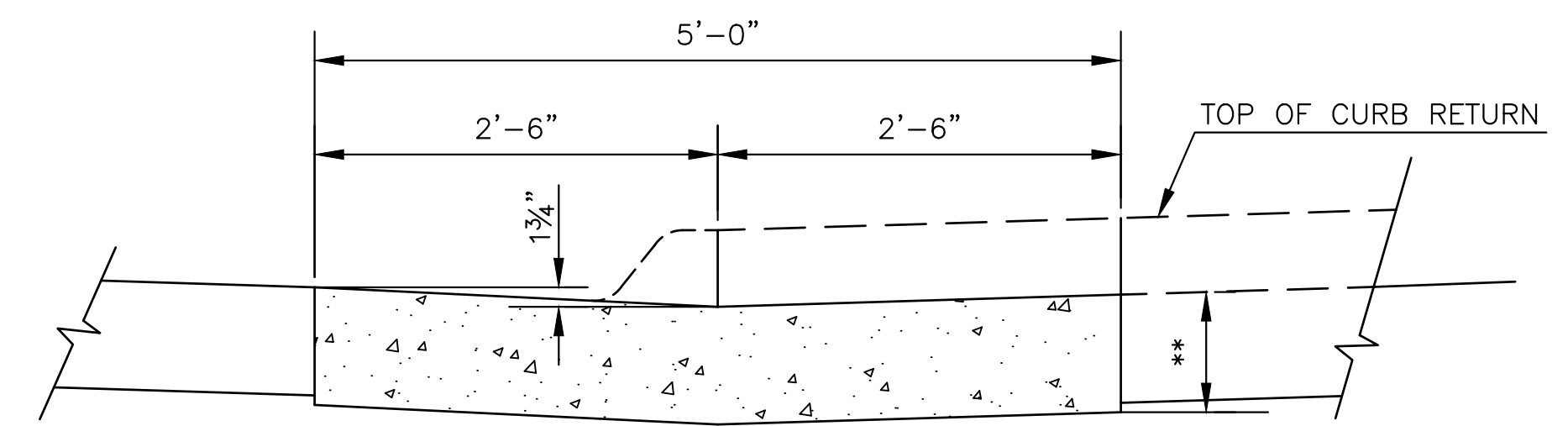
PAVEMENT DETAILS

*SUBGRADE TREATMENT PER GEOTECHNICAL REPORT

SCHEDULE 'A'							
STREET	FROM	TO	W	R ₁	R ₂	A	



TYPICAL JOINTING PLAN



SECTION B-B

**THICKNESS OF VALLEY GUTTER TO MATCH ABUTTING PAVEMENT THICKNESS OR 8" MINIMUM.

VALLEY GUTTER DETAILS

- NOTES:
1. PAY LENGTH OF VALLEY GUTTER IS FROM P.C. TO P.C. ACROSS STREET INTERSECTION.
 2. PAY WIDTH OF VALLEY GUTTER IS 5'.
 3. PAY AREA OF VALLEY GUTTER IS PAY LENGTH X PAY WIDTH (SQ. YD.)
 4. PAY CURB AND GUTTER FROM P.C. TO P.T. AROUND RADIAL.
 5. NO ADDITIONAL PAYMENT FOR OTHER WORK AND MATERIALS REQUIRED TO COMPLETE RETURN AS DETAILED. SEE PLANS FOR TYPE OF RETURN TO BE CONSTRUCTED.
 6. SAND IS NOT AN APPROVED FILL OR SUBGRADE MATERIAL.
 7. WHERE VALLEY GUTTER ABUTS CONCRETE PAVEMENT, THE VALLEY GUTTER SECTION SHALL BE TIED TO THE CONCRETE PAVEMENT WITH 1/2" x 3'-0" DEFORMED TIE BARS AT 5'-0" CENTERS.
 8. WHERE VALLEY GUTTER IS CONSTRUCTED ADJACENT TO NEW ASPHALT PAVEMENT, THE CONTRACTOR MAY, AT THEIR OPTION, CONSTRUCT A CONTINUOUS ASPHALT PAVEMENT SECTION THROUGH THE VALLEY GUTTER AREA, FOLLOWED BY SAWCUTTING AND REMOVING THE ASPHALT STRIP FOR CONSTRUCTION OF THE VALLEY GUTTER SECTION. NO PAY ADJUSTMENT SHALL BE MADE FROM PLAN QUANTITIES FOR THE ADDITIONAL ASPHALT PAVEMENT THAT IS REMOVED. SAWCUTS SHALL BE FULL DEPTH. THE SUBGRADE MUST MEET COMPACTION REQUIREMENTS IN THE REMOVAL AREA PRIOR TO PLACEMENT OF THE VALLEY GUTTER.

NO.	DATE:	REVISION	BY:	APP'D
3	March 2013	Added min jt. spacing & made bar size"	DHS	SB
2	Dec. 2009	Added to Valley Gutter Details	DHS	SB
1	Feb. 2008	Mod. Typ. Jt. Plan & Pmnt. Det.	DHS	SB

DRAWN BY: *rm/mc*
 APP'D BY: *R. Timothy King*

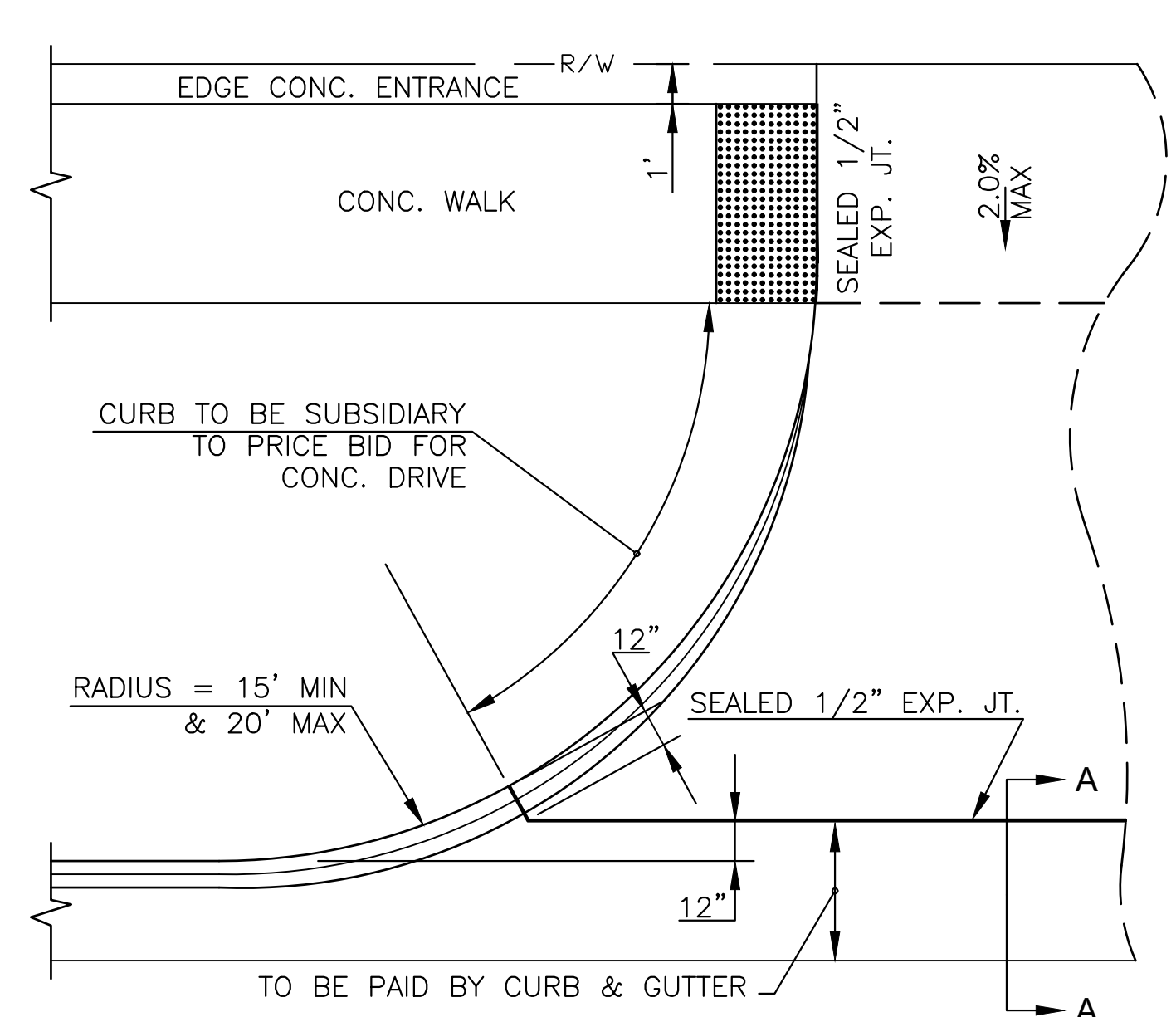
SHAWNEE COUNTY, KANSAS
PUBLIC WORKS DEPARTMENT
 1515 NW SALINE
 TOPEKA, KS 66618
 (785) 233-7702

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

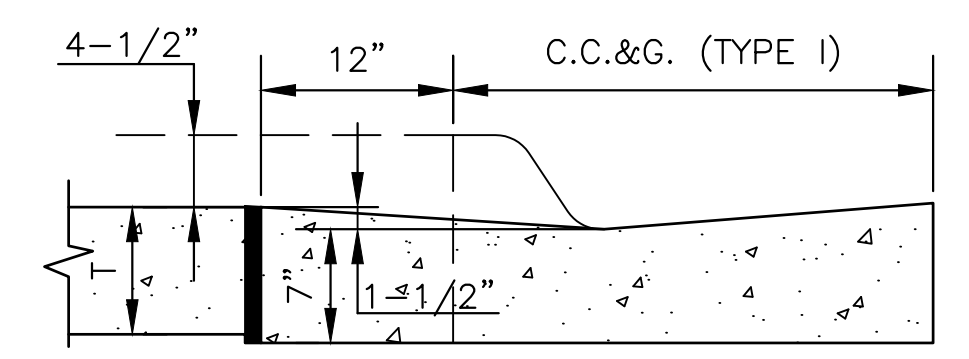
STANDARD DETAILS

ASPHALT CONCRETE PAVEMENT DETAILS
 (DT-001)

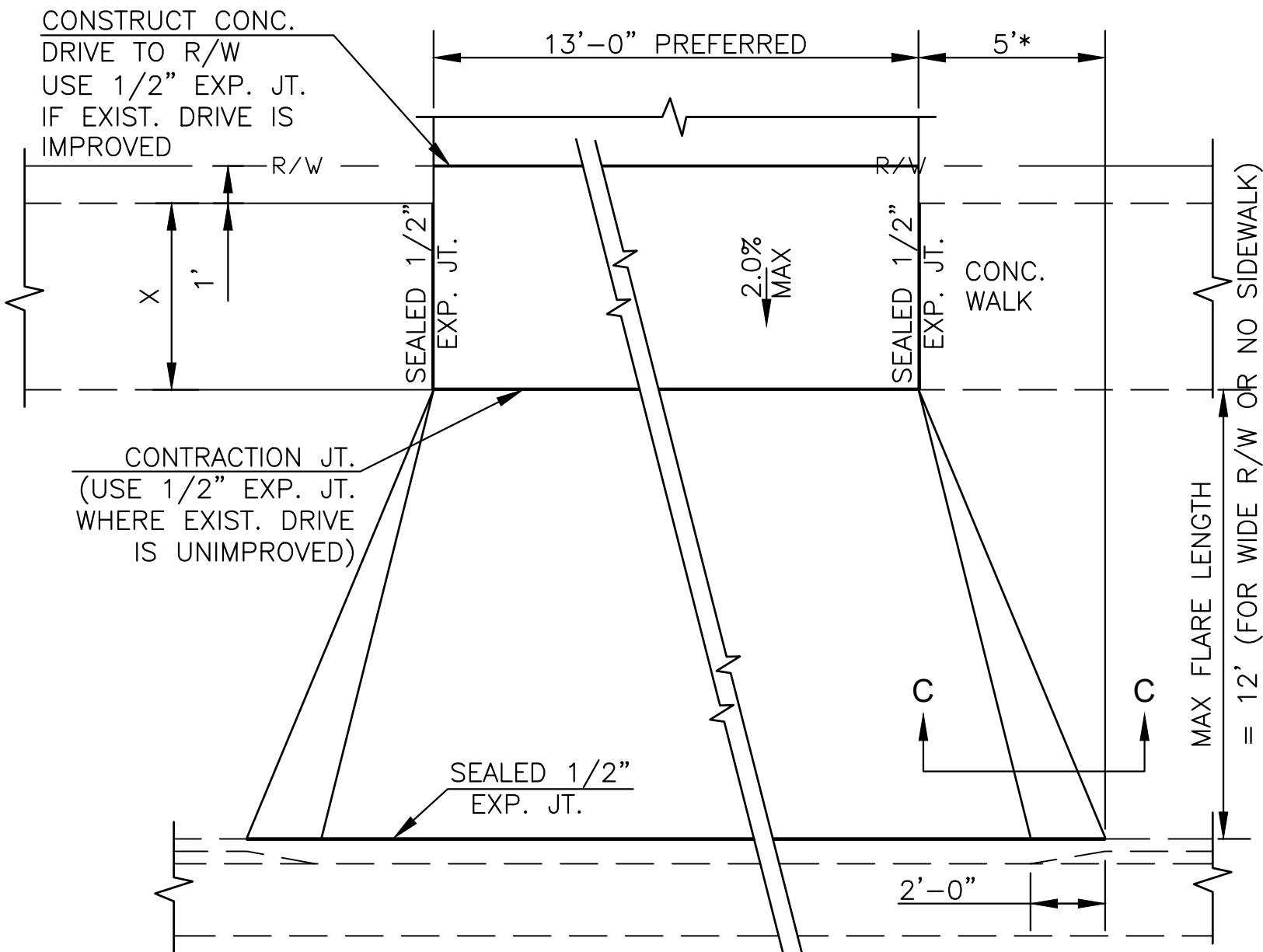
DATE: APRIL 2026
 SHEET: 14 OF 74
 PROJ.: 841099.07
 PEC#: 250987-000



COMMERCIAL DRIVE APPROACH

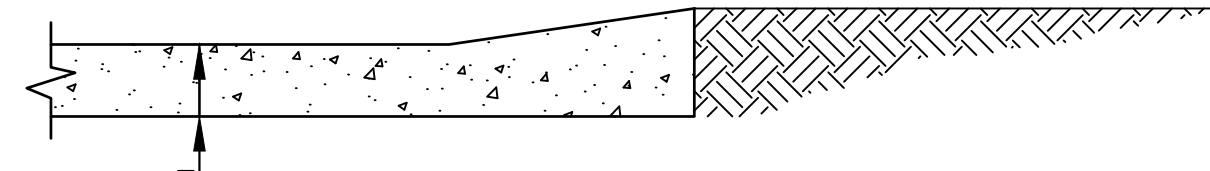


SECTION A - A
T=8" NON-REINFORCED FOR COMMERCIAL DRIVE, ALLEY APPROACH, AND SIDEWALK IN DRIVE ENTRANCE.

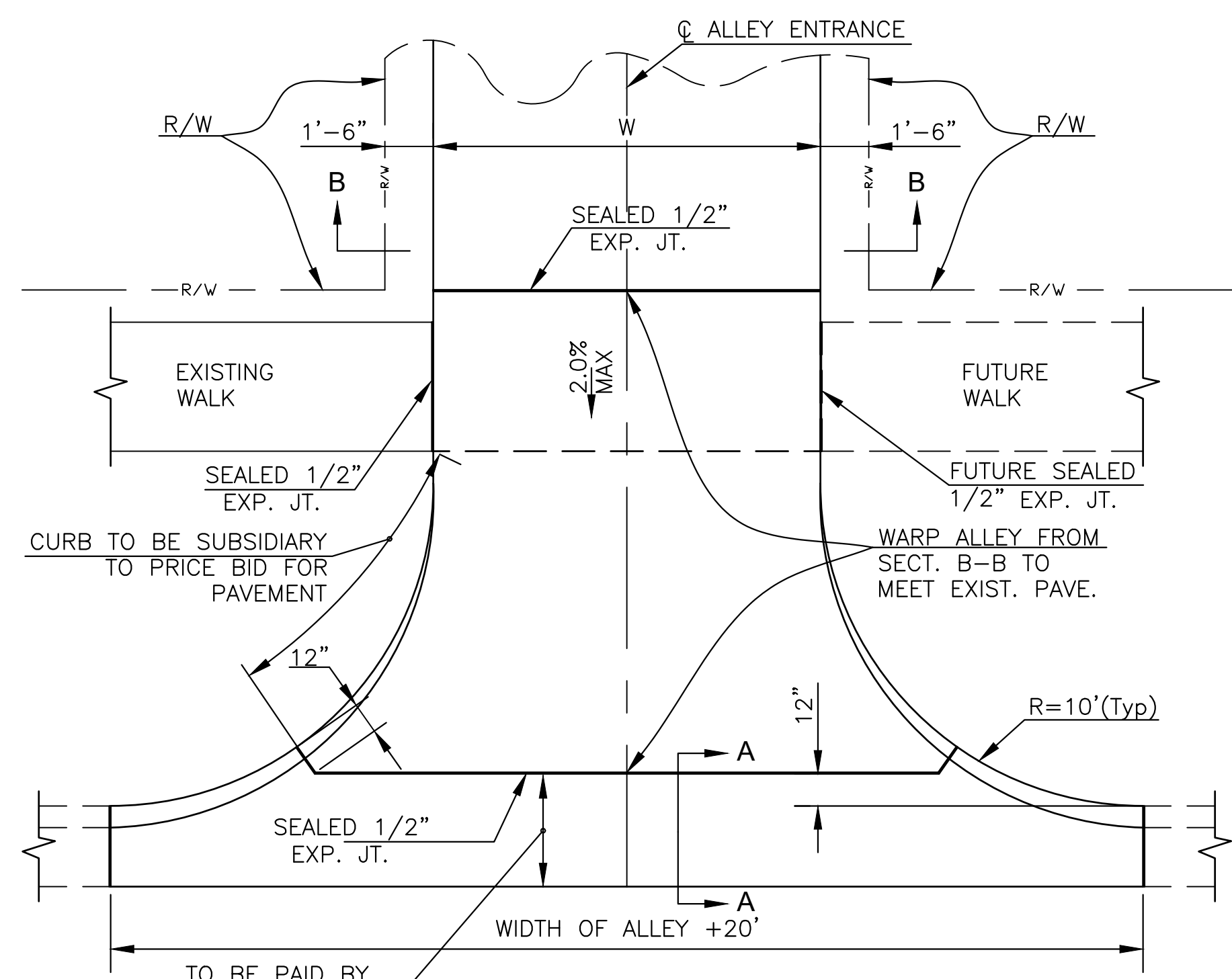


TYPICAL PRIVATE DRIVE APPROACH

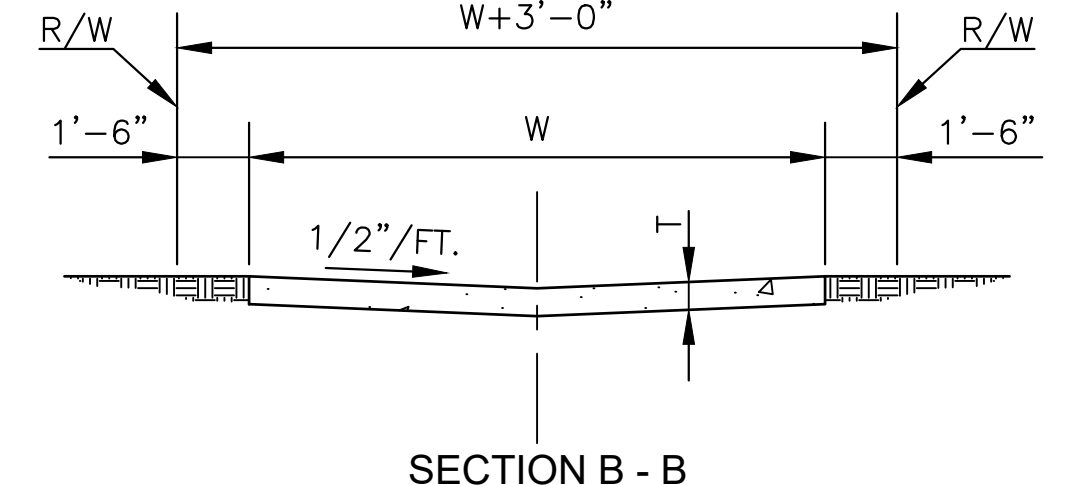
NOTES:
1. A SPECIAL DETAIL WILL BE PROVIDED WHEN SIDEWALK IS CLOSER THAN 6'-0" FROM BACK OF CURB.
2. THEORETICAL CURB HEIGHT OF 6" ABOVE E_L SHALL BE OBTAINED IN ENTRANCE PAVEMENT.
* FLARE SHALL BE 5 FEET WIDE IN NEW CONSTRUCTION. VARIANCES MAY BE MADE WITH APPROVAL OF THE CITY ENGINEER IN SPECIAL CIRCUMSTANCES FOR THE REPLACEMENT OF EXISTING DRIVEWAYS.



SECTION C - C
T₁=6" FOR RESIDENTIAL DRIVE APPROACH AND SIDEWALK IN DRIVE ENTRANCE

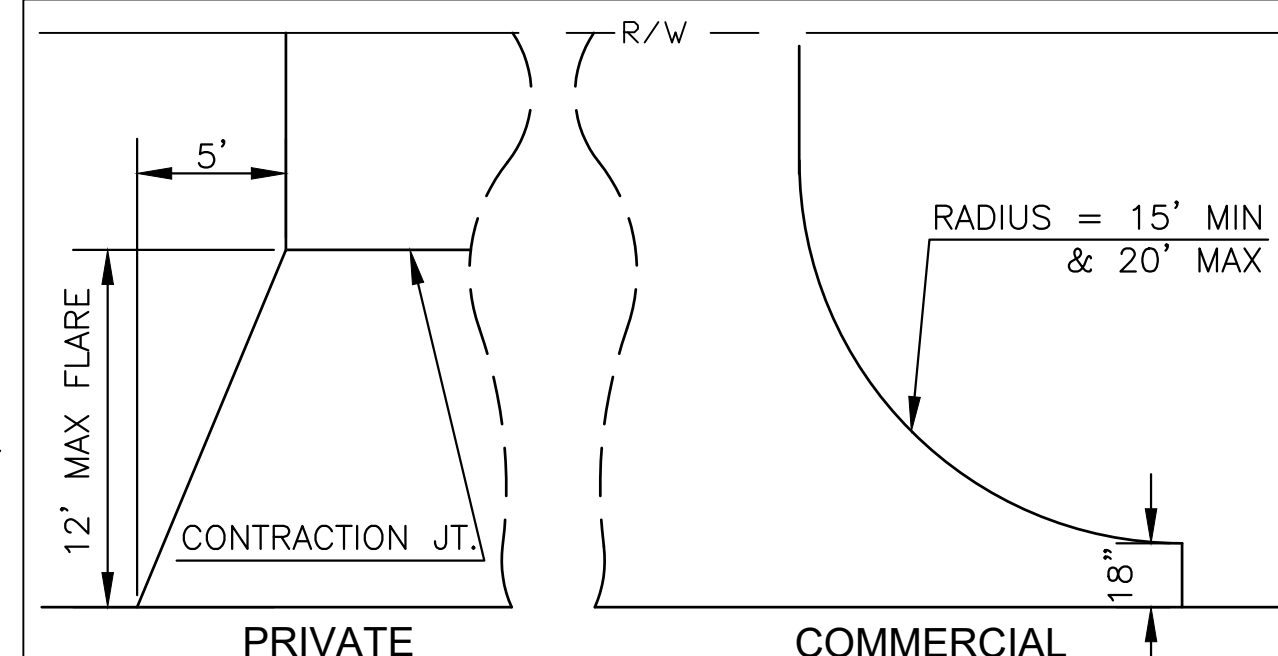


ALLEY APPROACH

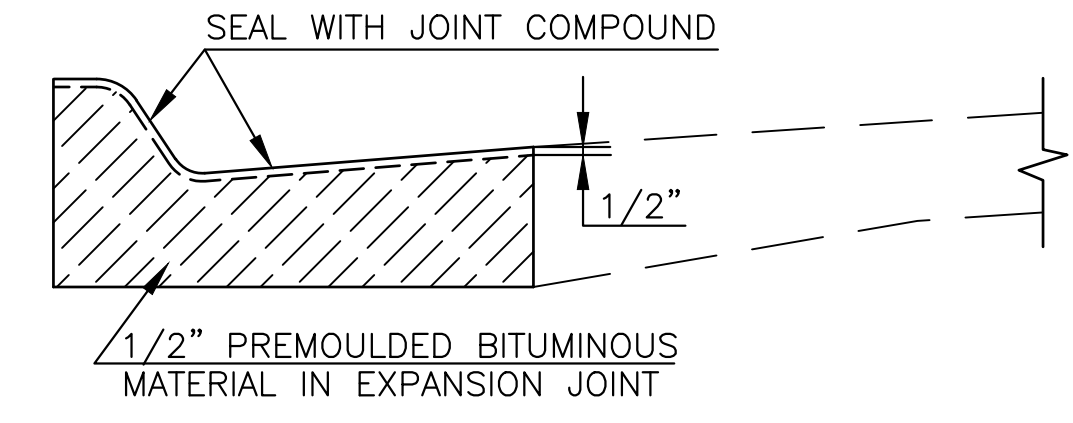


SECTION B - B

NOTES:
1. T=7" REINFORCED CONCRETE
2. WIDTH OF W WILL BE USED THROUGHOUT ON ALL ALLEY PAVING PROJECTS.
3. ALLEY RETURNS SHALL BE THE SAME THICKNESS AS THE ADJACENT STREET THICKNESS.
4. 1/2" EXP. JOINT AT EACH END OF ALLEY RETURN.

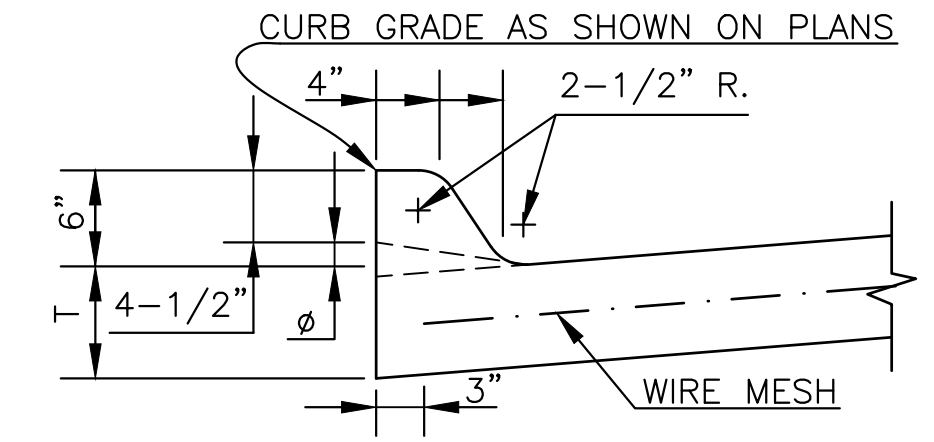


PRIVATE DRIVE APPROACHES ON AN UNIMPROVED ROADWAY

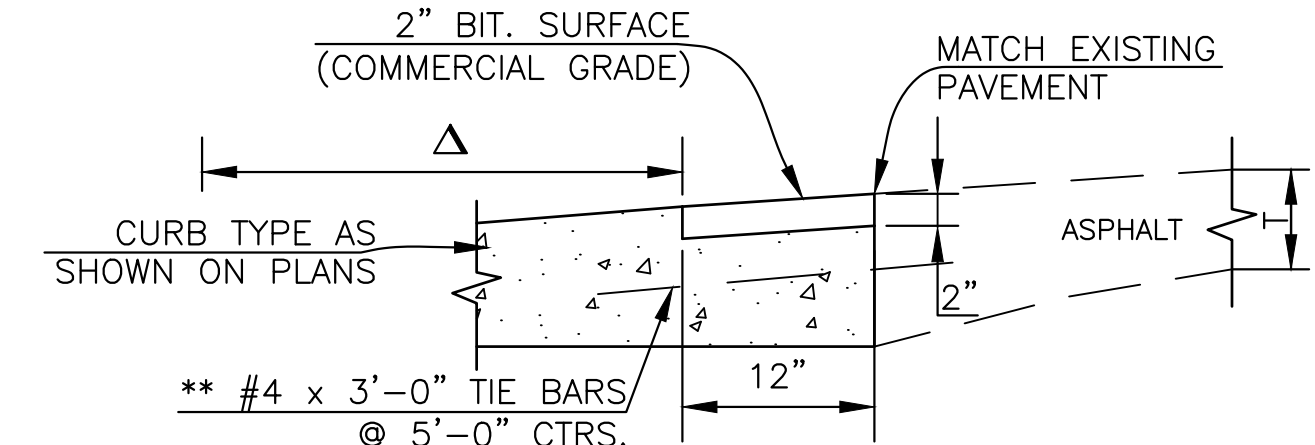


CURB AND GUTTER EXPANSION JOINT DETAILS

NOTES:
1. 1/2" EXPANSION JOINTS TO BE PLACED AT THE END OF ALL INTERSECTION RETURNS.
2. SAND IS NOT AN APPROVED FILL OR SUBGRADE MATERIAL.
3. ALL EXPANSION JOINTS SHALL BE SEALED WITH APPROVED MATERIAL.



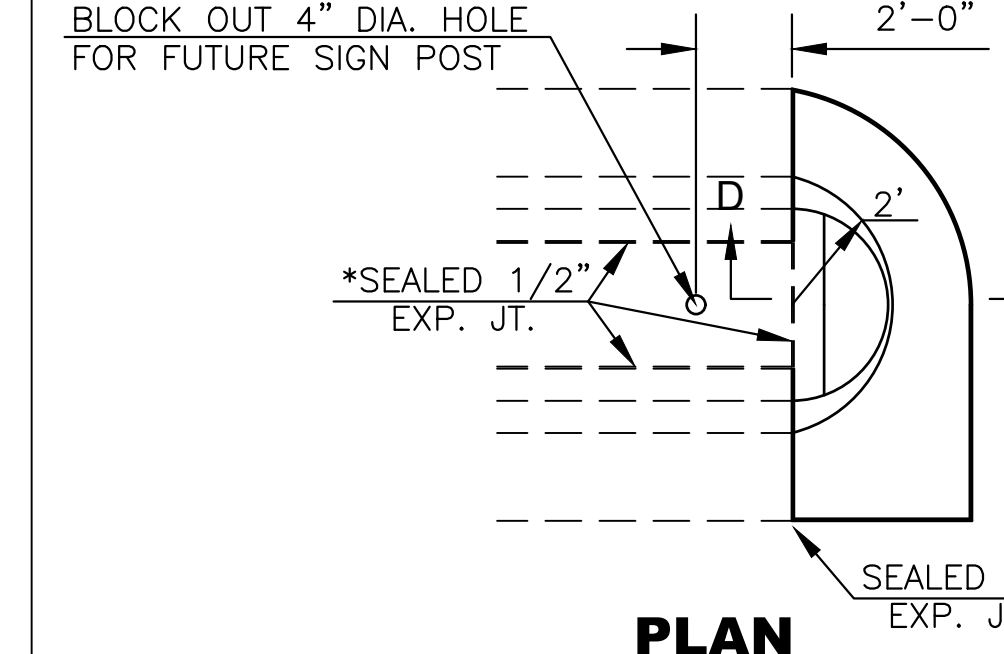
6" INTEGRAL CURB



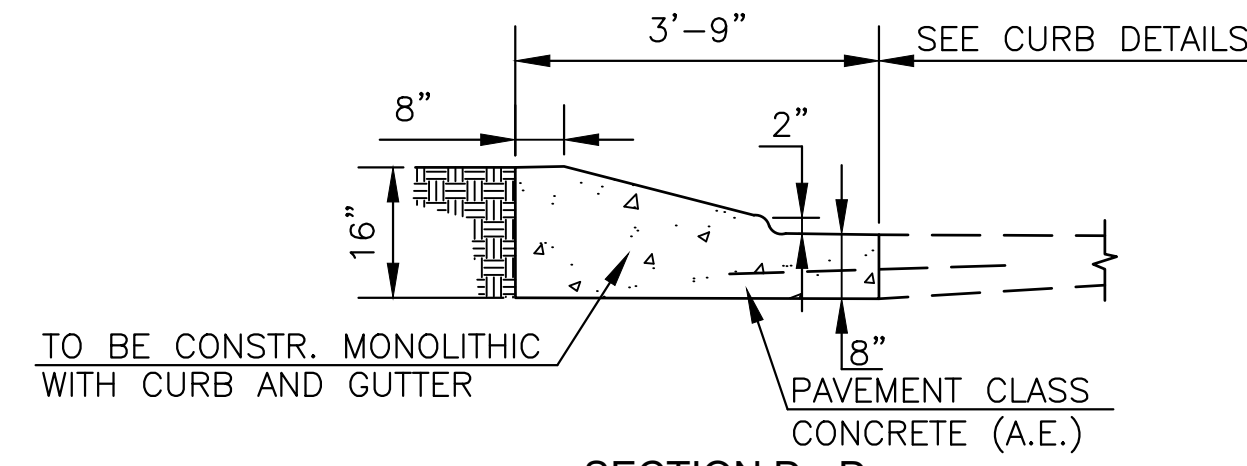
CC&G (MODIFIED)

NOTE:
CURB AND GUTTER ABUTTING EXISTING ASPHALT

Δ DIMENSION IS FROM BACK OF CURB TO TOE, SEE APPROPRIATE DETAIL FOR CURB TYPE AS SHOWN ON PLANS



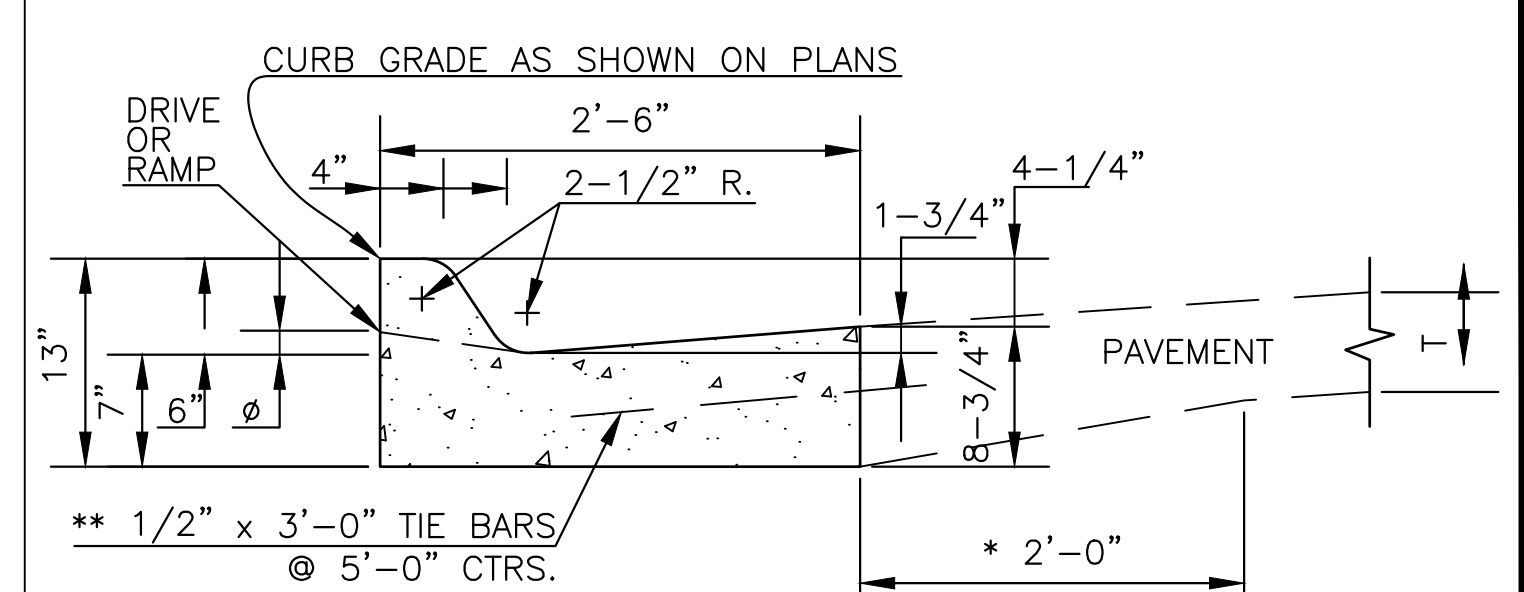
PLAN



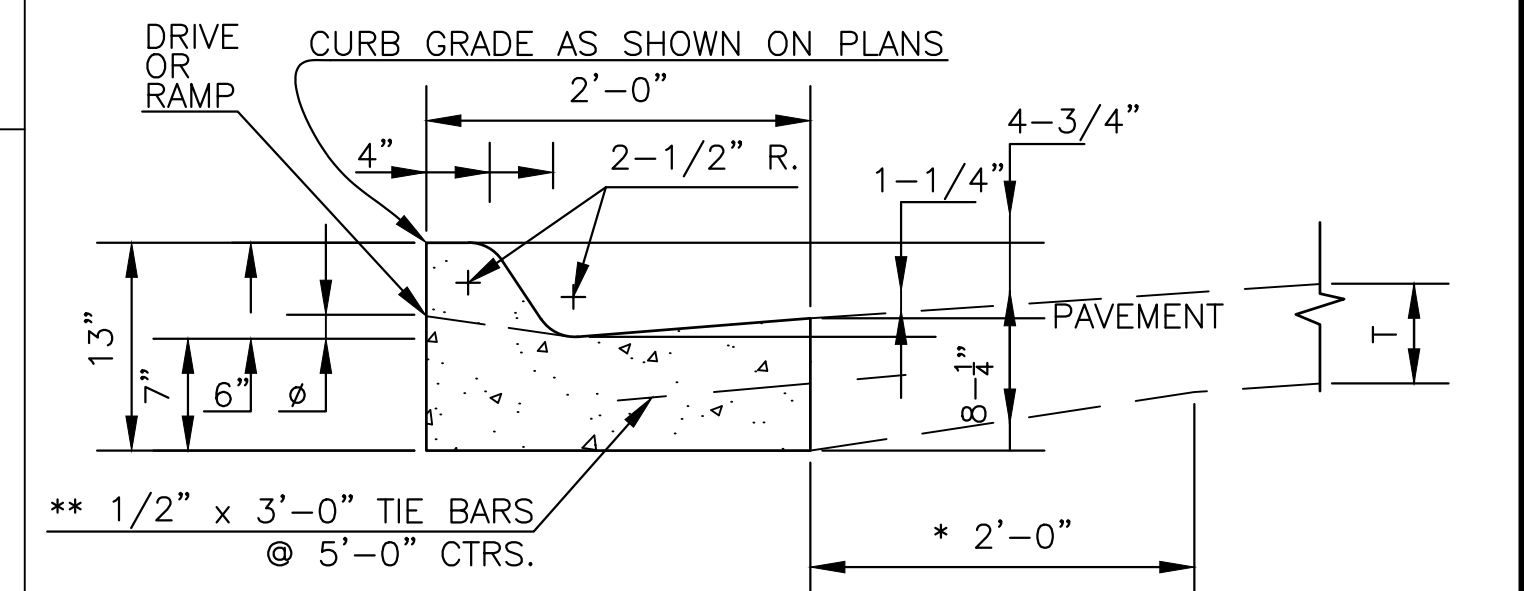
SOLID NOSE DETAILS

NOTE:
PAVEMENT CLASS CONCRETE (AE) NEEDED TO COMPLETE THE MEDIAN NOSE SHALL BE SUBSIDIARY TO THE BID ITEM FOR COMBINED CURB AND GUTTER TYPE III.

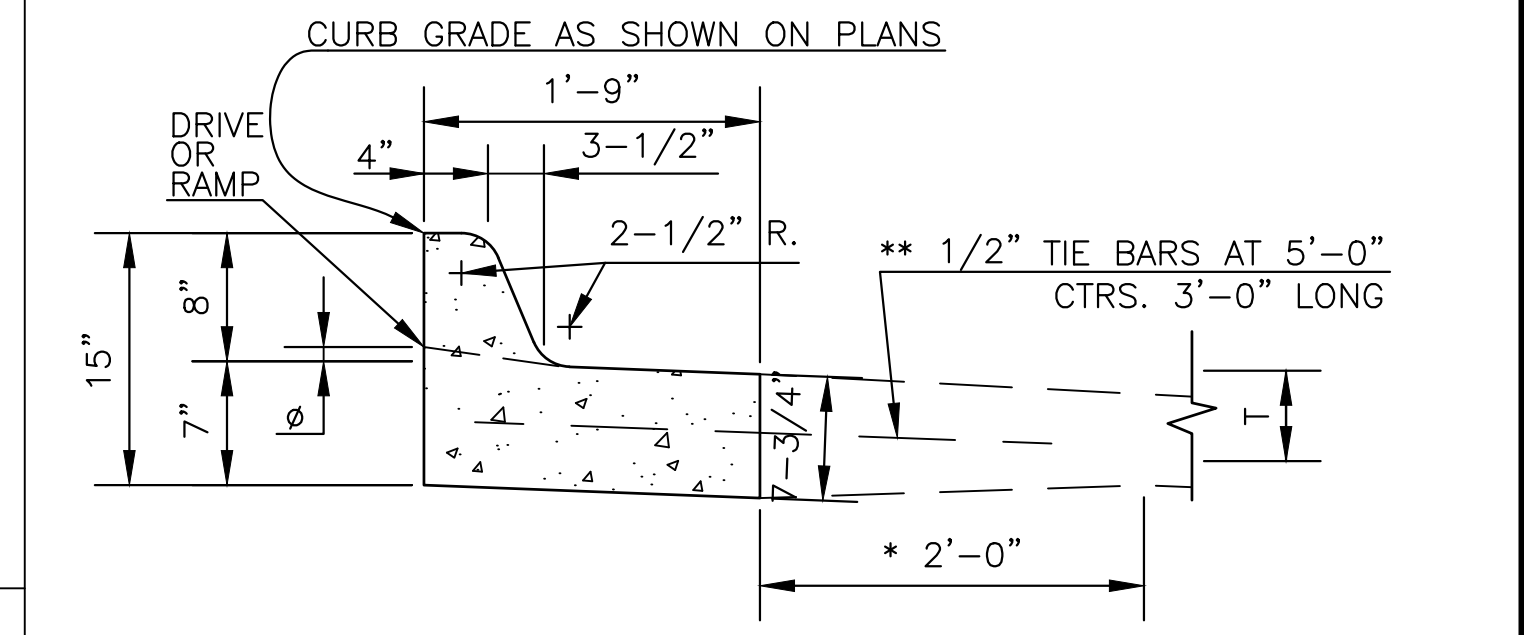
* OMIT SEALED 1/2" EXPANSION JOINT WHEN SURFACE MATERIAL USED IN MEDIAN IS OTHER THAN CONCRETE.



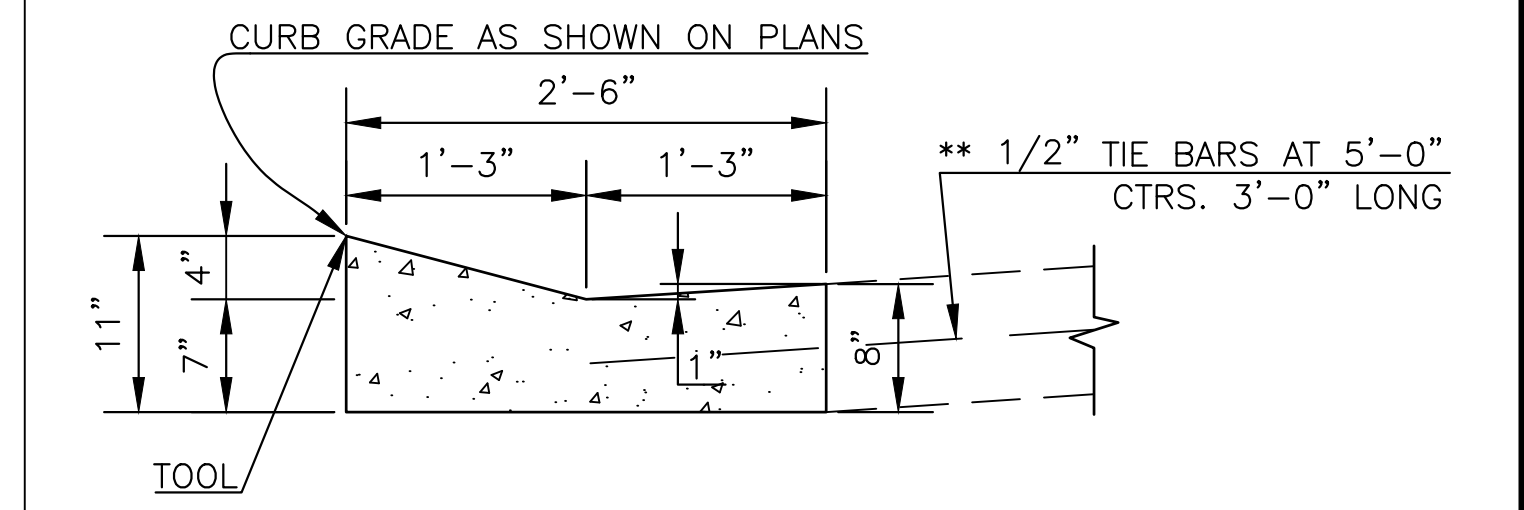
COMBINED CURB & GUTTER-TYPE I



COMBINED CURB & GUTTER-TYPE II



COMBINED CURB & GUTTER-TYPE III



LAYBACK CURB & GUTTER-TYPE IV

NOTES:
1. USE OF LAYBACK CURB AND GUTTER IS RESTRICTED TO STREET CLASSIFICATION OF SUB-COLLECTOR AND LOCAL. LAYBACK CURB AND GUTTER SHALL NOT BE USED IN INTERSECTION CURB RETURNS.
2. FOR CURB AND GUTTER ABUTTING EXISTING ASPHALT, REFER TO CC&G MODIFIED DETAIL

* THE CONTRACTOR HAS THE OPTION OF MAINTAINING OR TRANSITIONING AS SHOWN AT NO ADDITIONAL COST.

**THE TIE BARS MAY BE ELIMINATED WITH ASPHALTIC CONCRETE PAVEMENT CONSTRUCTION.

∅ 1-1/2" FOR DRIVE ENTRANCES AND 3/4" FOR SIDEWALK RAMP

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

DRAWN BY: *rm/mc*
APP'D BY: *R. Christy*



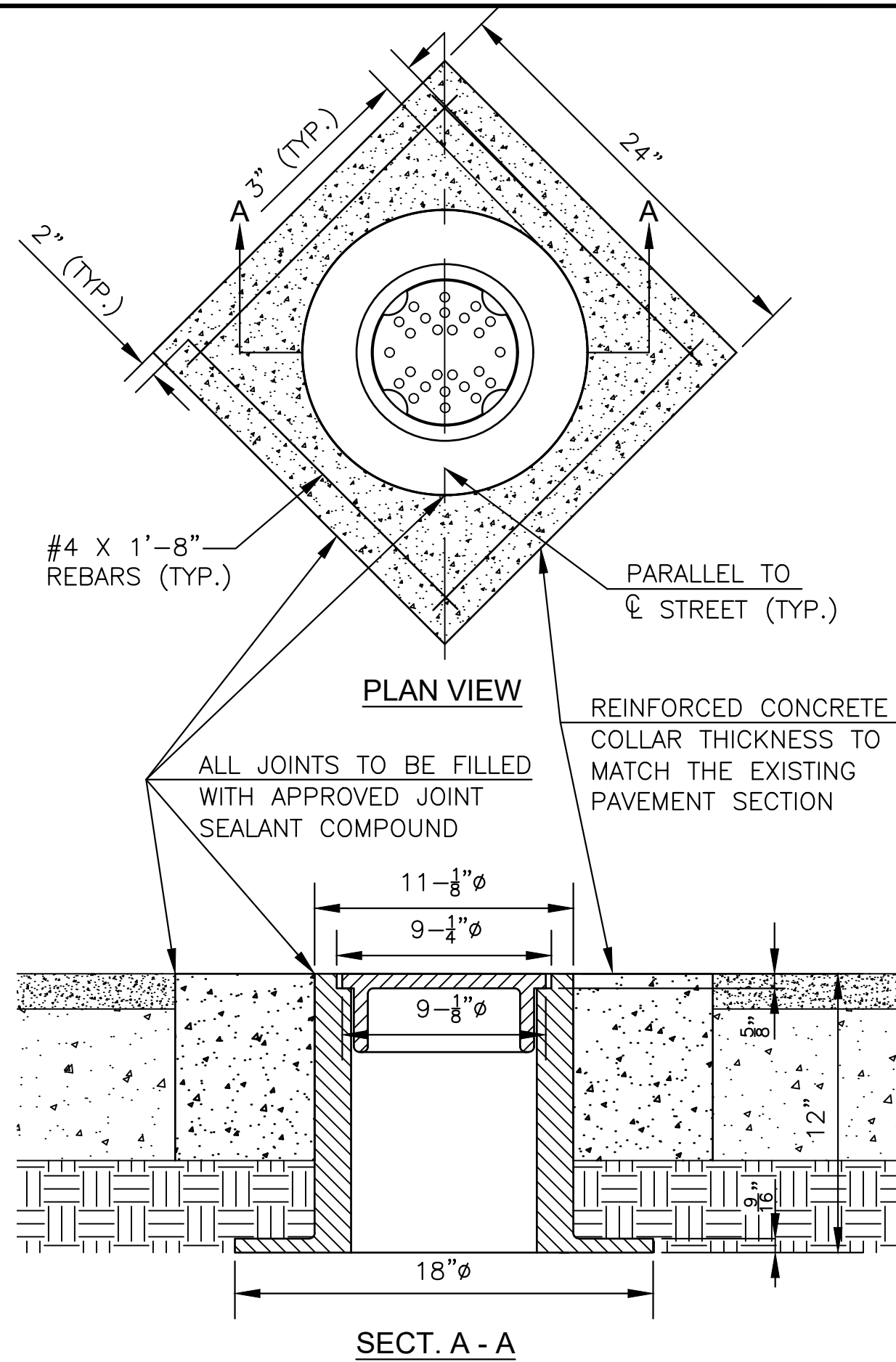
SHAWNEE COUNTY, KANSAS PUBLIC WORKS DEPARTMENT
1515 NW SALINE
TOPEKA, KS 66618
(785) 233-7702



STANDARD DETAILS

CURB & GUTTER AND APPROACH DETAILS
(DT-003)

DATE: APRIL 2026
SHEET: 16 OF 74
PROJ.: 841099.07
PEC#: 250987-000

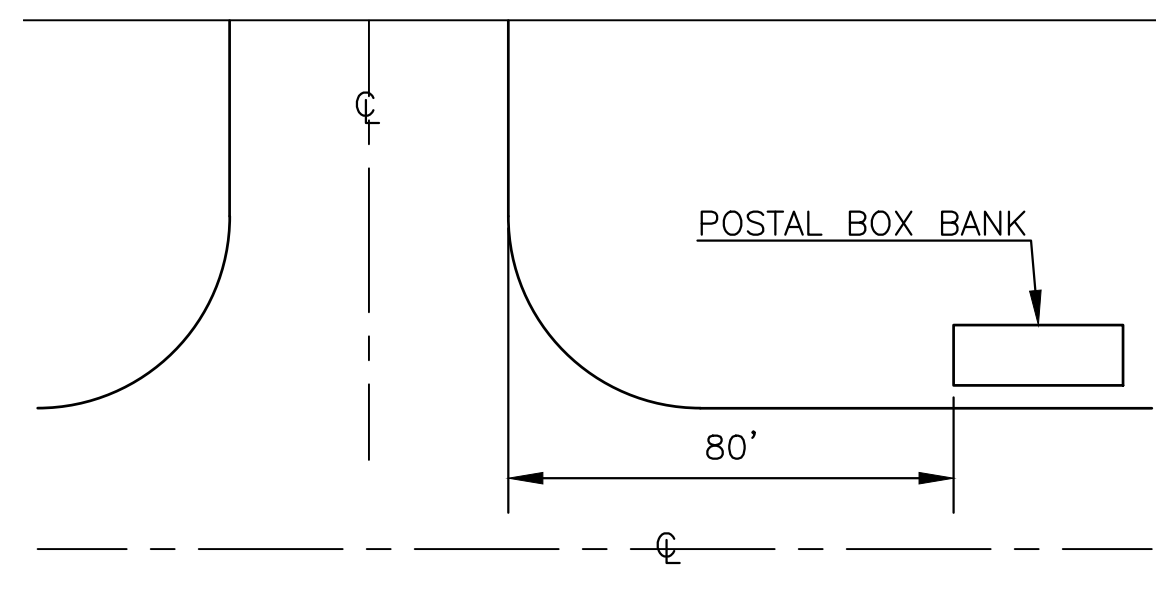


PLAN VIEW
 ALL JOINTS TO BE FILLED WITH APPROVED JOINT SEALANT COMPOUND
 REINFORCED CONCRETE COLLAR THICKNESS TO MATCH THE EXISTING PAVEMENT SECTION
 #4 X 1'-8" REBARS (TYP.)
 PARALLEL TO C STREET (TYP.)

SECT. A - A
 12" Ø
 18" Ø

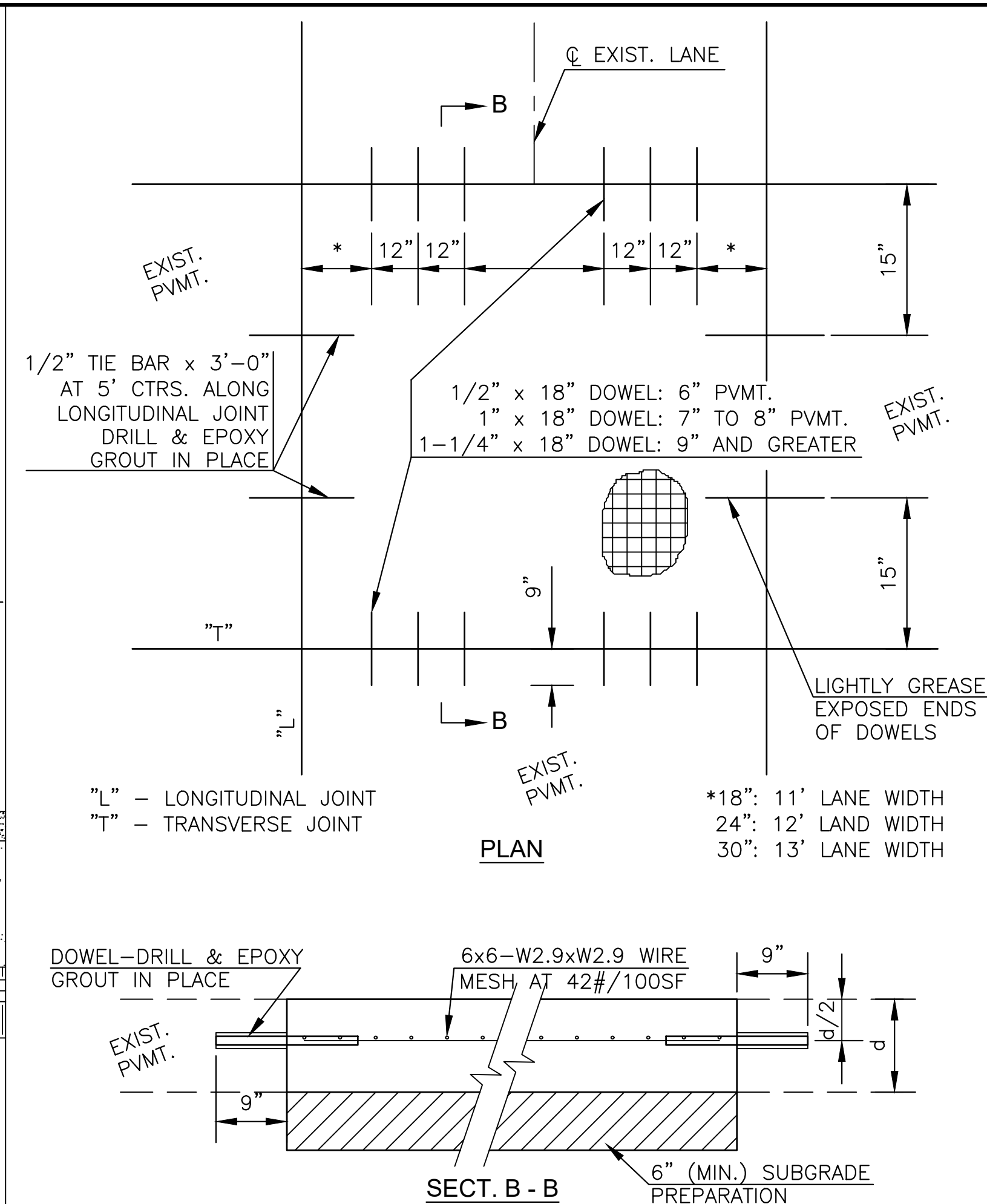
NOTES:
 1. THE TOP OF THE MONUMENTATION WITHIN THE MONUMENT BOX WILL BE BELOW THE BOTTOM OF THE MONUMENT BOX AND PAVEMENT ELEVATION TO ACCOMMODATE FREE PAVEMENT MOVEMENT WITHOUT DISPLACEMENT OF THE MONUMENT. ALL MONUMENTS IN CONCRETE WILL BE PLACED IN SUCH A WAY THAT THE TOP OF CONCRETE IS A MINIMUM OF 3" CLEAR OF THE BOTTOM OF THE MONUMENT BOX AND PAVEMENT, TO ALLOW DRAINAGE PERCOLATION OF SURFACE SEEPAGE AWAY FROM THE BOX.
 2. ALTERNATE INSTALLATION: 24" DIAMETER CORE DRILL CENTERED AROUND THE MONUMENT WITH #4 REBAR HOOPS MAINTAINING A 3" CLEARANCE FROM MONUMENT AND EDGE OF CONCRETE COLLAR.
 3. CLAY AND BAILEY MFG. CO.
 COVER NO. 02193-01-1052
 RING NO. 02193-01-2050
 COMBINED WEIGHT 95 LBS.

CAST IRON MONUMENT BOX



NOTE:
 WHERE BANKS OR GROUPS OF POSTAL BANKS ARE TO BE INSTALLED, THEY SHALL BE A MINIMUM OF EIGHTY (80) FEET FROM THE INTERSECTION BACK OF CURB.

POSTAL BOX BANKS

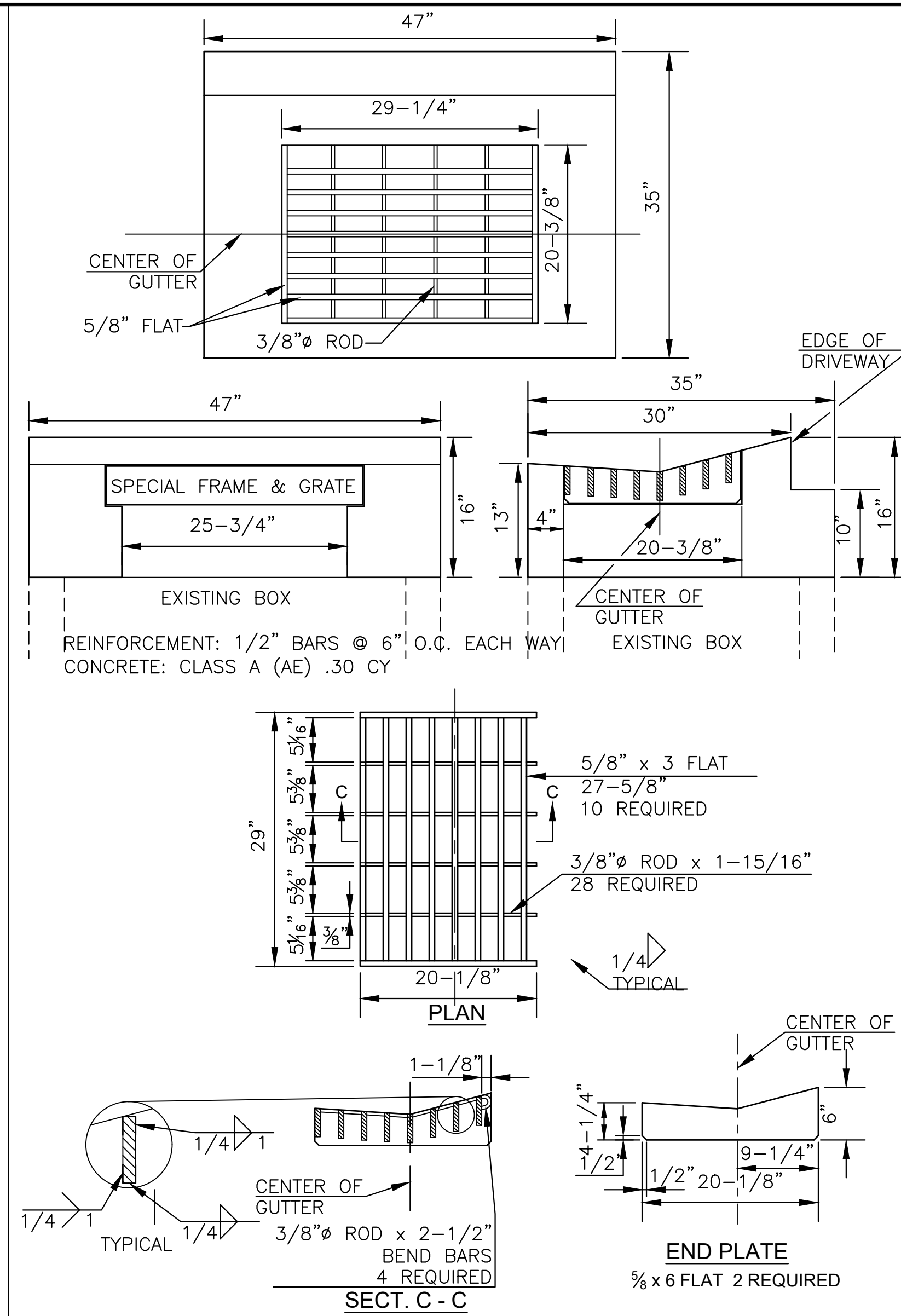


PLAN
 1/2" TIE BAR x 3'-0" AT 5' CTRS. ALONG LONGITUDINAL JOINT DRILL & EPOXY GROUT IN PLACE
 1/2" x 18" DOWEL: 6" PVMT.
 1" x 18" DOWEL: 7" TO 8" PVMT.
 1-1/4" x 18" DOWEL: 9" AND GREATER
 LIGHTLY GREASE EXPOSED ENDS OF DOWELS
 EXIST. PVMT.
 "L" - LONGITUDINAL JOINT
 "T" - TRANSVERSE JOINT
 *18": 11' LANE WIDTH
 24": 12' LANE WIDTH
 30": 13' LANE WIDTH

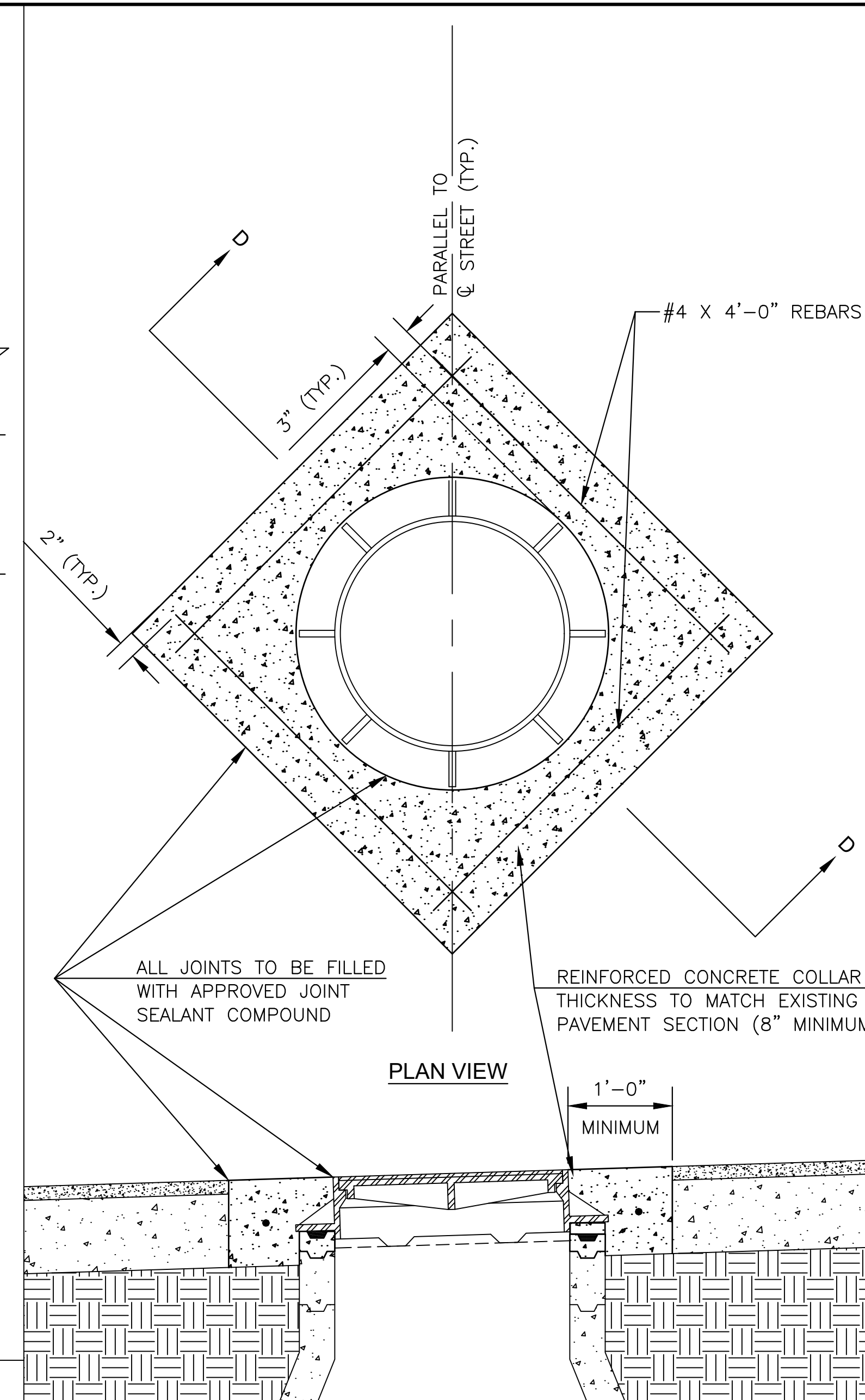
SECT. B - B
 DOWEL-DRILL & EPOXY GROUT IN PLACE
 6x6-W2.9xW2.9 WIRE MESH AT 42#/100SF
 9"
 6" (MIN.) SUBGRADE PREPARATION
 9"
 6/2"
 6"
 6"

NOTES:
 1. ALL MATERIAL AND METHODS SHALL BE IN ACCORDANCE WITH CITY OF TOPEKA STANDARD TECHNICAL SPECIFICATIONS, LATEST EDITION.
 2. DOWEL HOLE SIZE = O.D. OF DOWEL + 1/8".
 3. EPOXY GROUTING PER SEC. 830, KDOT STANDARD SPECIFICATIONS FOR STATE ROAD & BRIDGE CONSTRUCTION, LATEST EDITION.

FULL PANEL REPAIR & UTILITY CUTS FOR CONCRETE PAVEMENT

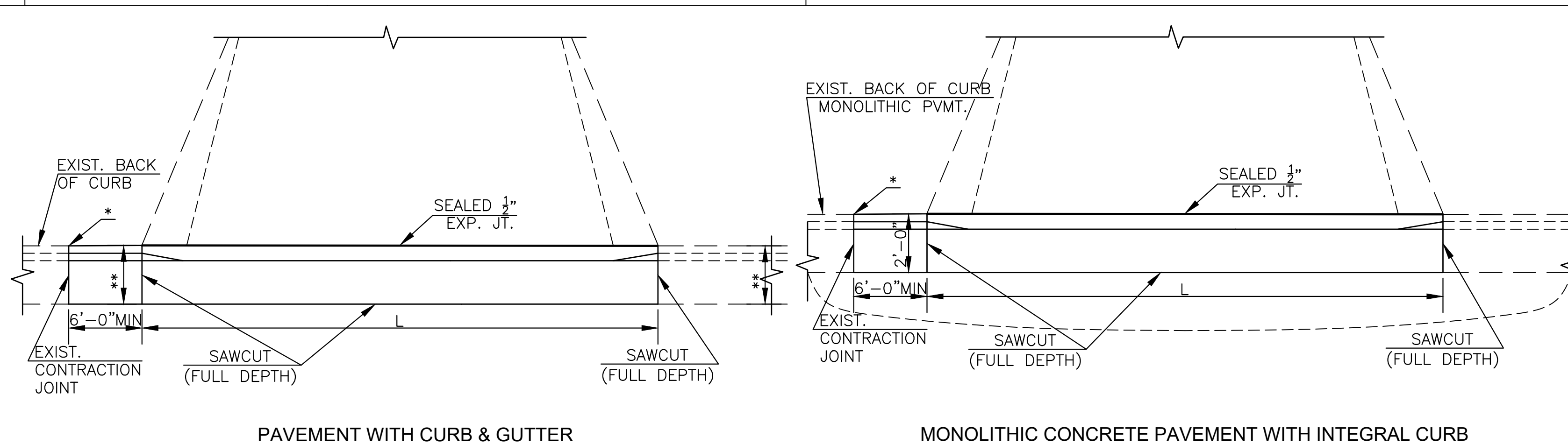


SPECIAL II-P GRATE TOP



NOTES:
 1. PAVEMENT SHALL BE REMOVED BY FULL DEPTH SAW CUTTING WHILE PROTECTING NEW PAVEMENT.
 2. THE ORIENTATION OF THE REINFORCED CONCRETE COLLAR SHALL BE AS SHOWN OR FIELD DETERMINED BY ENGINEER.
 3. ADJUST MANHOLE RING TO MATCH PAVEMENT CROSS SLOPE USING APPROVED CONCRETE MANHOLE GRADE ADJUSTMENT RINGS AND CONCRETE BLOCKS OR APPROVED HIGH-DENSITY POLYETHYLENE MANHOLE ADJUSTMENT RINGS.
 4. SET MANHOLE RING WITH 2 RINGS OF 3/4" PREFORMED MASTIC SEALANT.
 5. ALL TIME AND MATERIAL NECESSARY TO PERFORM THIS WORK SHALL BE CONSIDERED SUBSIDIARY TO THE BID ITEM "MANHOLE ADJUSTMENT".

MANHOLE ADJUSTMENT



CURB CUT/REMOVAL FOR NEW RESIDENTIAL DRIVE APPROACH

* IF CURB AND GUTTER TO BE REMOVED IS WITHIN 6'-0" OF AN EXISTING JOINT, REMOVE CURB AND GUTTER BACK TO EXISTING JOINT.
 L - PER CITY STANDARD DESIGN CRITERIA.

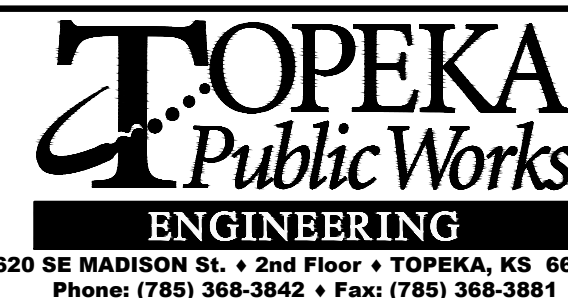
** MATCH EXISTING CURB WIDTH.

8	Oct. 2020	Updated cast iron monument box	JOT	BDF
7	Oct. 2017	Updated cast iron monument box	DHS	JPS
6	March 2013	Added grease to dowels & bar size to "	DHS	SB
5	Jan. 2013	Added Manhole Adjustment detail	DHS	SB
4	Jan. 2013	Removed Brick S/W & Stone Curb details	DHS	SB
3	Dec. 2012	Changed to tie bar from dowel	DHS	SB
2	Dec. 2009	Dowel size & # pvmt range and curb det.	DHS	SB
NO.	DATE:	REVISION	BY:	APP'D

DRAWN BY: *jt/rm*
 APP'D BY: _____



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

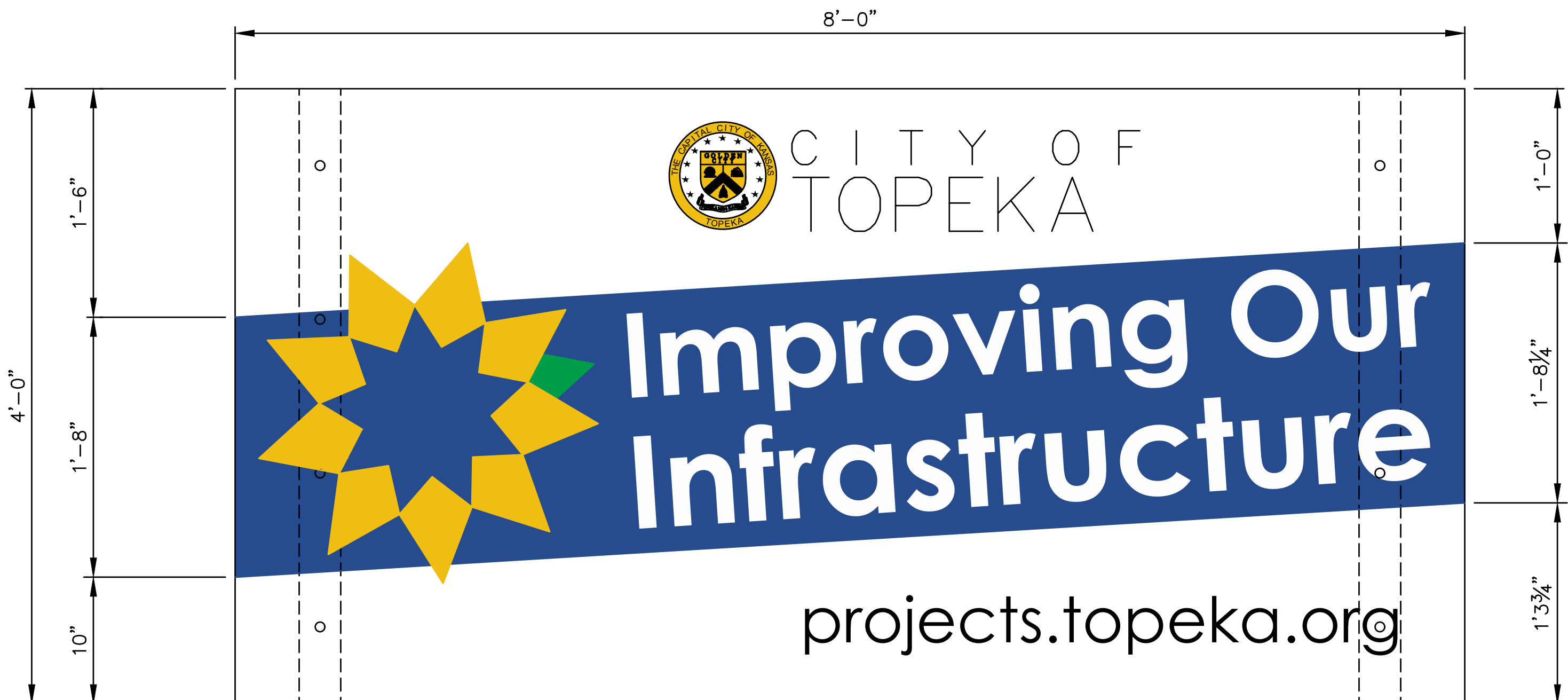


620 SE MADISON St. • 2nd Floor • TOPEKA, KS 66607
 Phone: (785) 368-3842 • Fax: (785) 368-3881

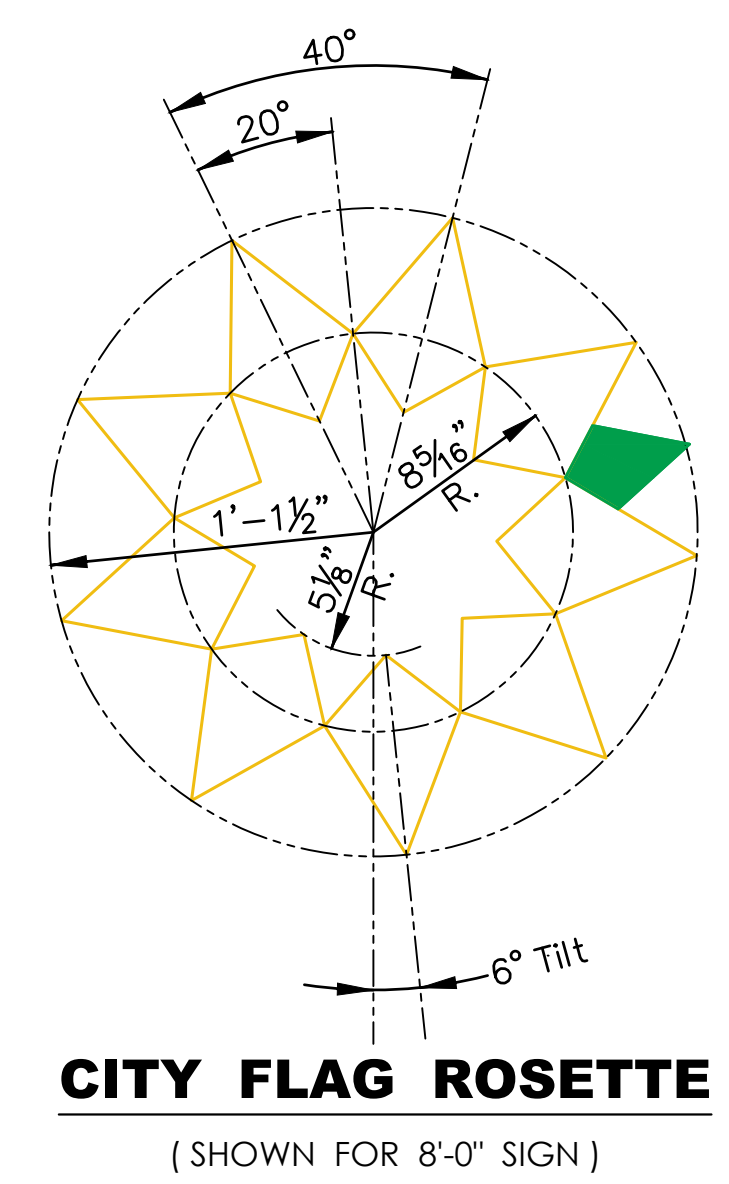
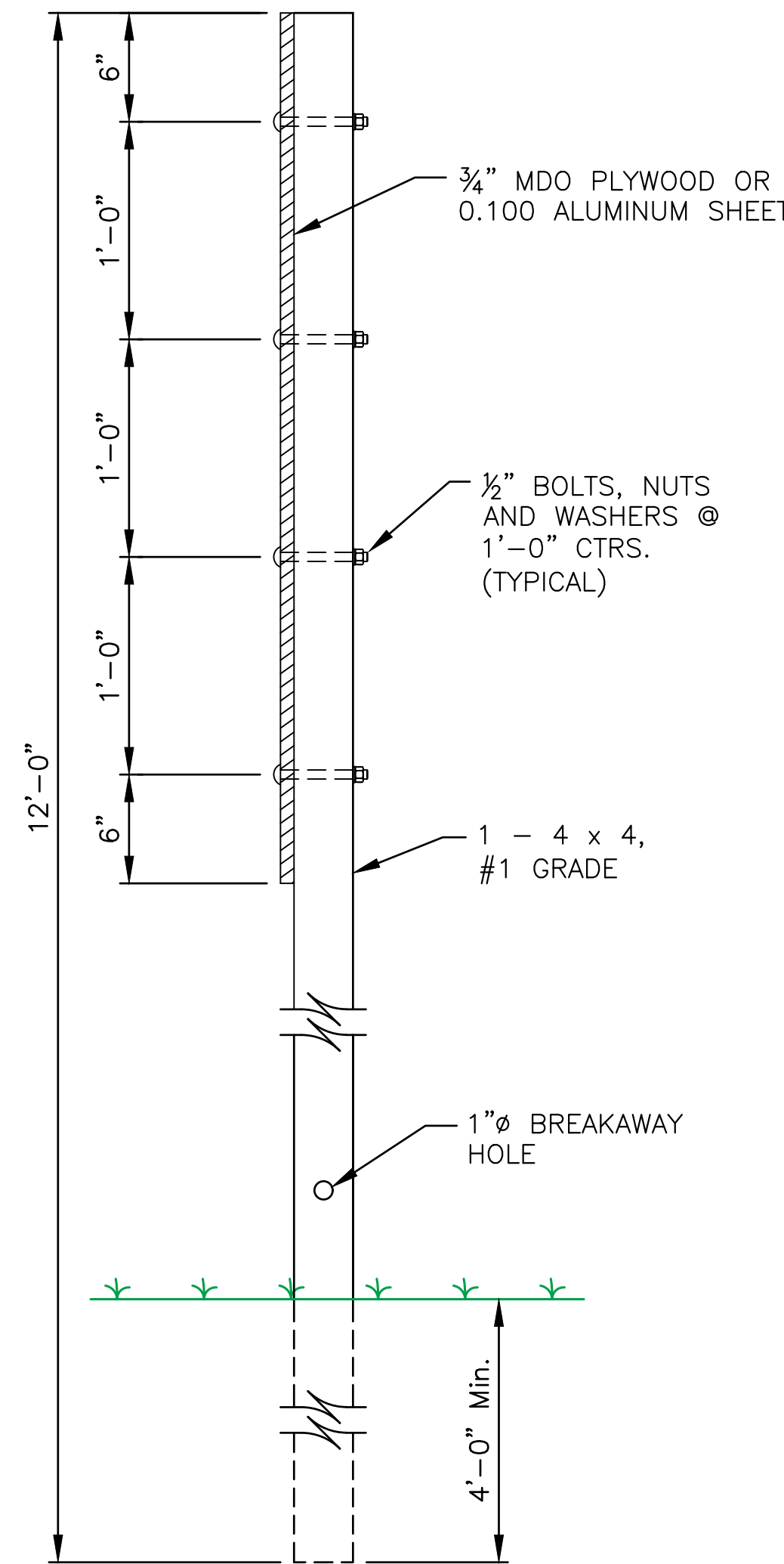
STANDARD DETAILS

**MISCELLANEOUS
 DETAILS I**
 (DT-017)

DATE: APRIL 2026
 SHEET: 17 OF 74
 PROJ.: 841099.07
 PEC#: 250987-000



PROJECT SIGN TYPE B



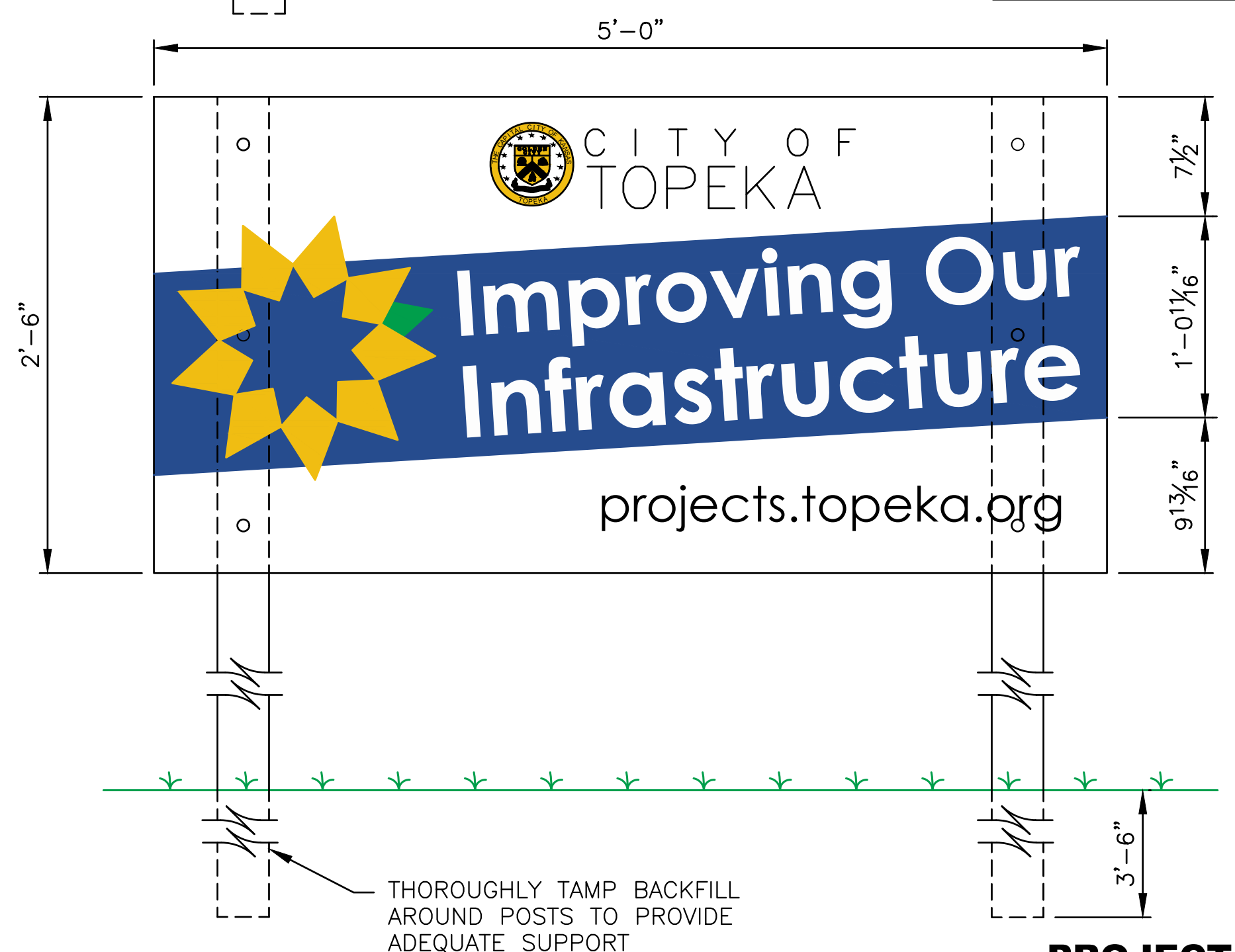
NOTES:

- LETTERING FOR 8'-0" WIDE SIGN SHALL USE THE FOLLOWING FONTS:
 CITY OF - BASIC SANS SF - BLACK (2 5/8")
 TOPEKA - BASIC SANS HEAVY SF - BLACK (4 3/16")
 Improving Our - CENTURY GOTHIC BOLD - WHITE (6 3/16")
 Infrastructure - CENTURY GOTHIC BOLD - WHITE (7 3/16")
 projects.topeka.org - CENTURY GOTHIC - BLACK (3 1/2")

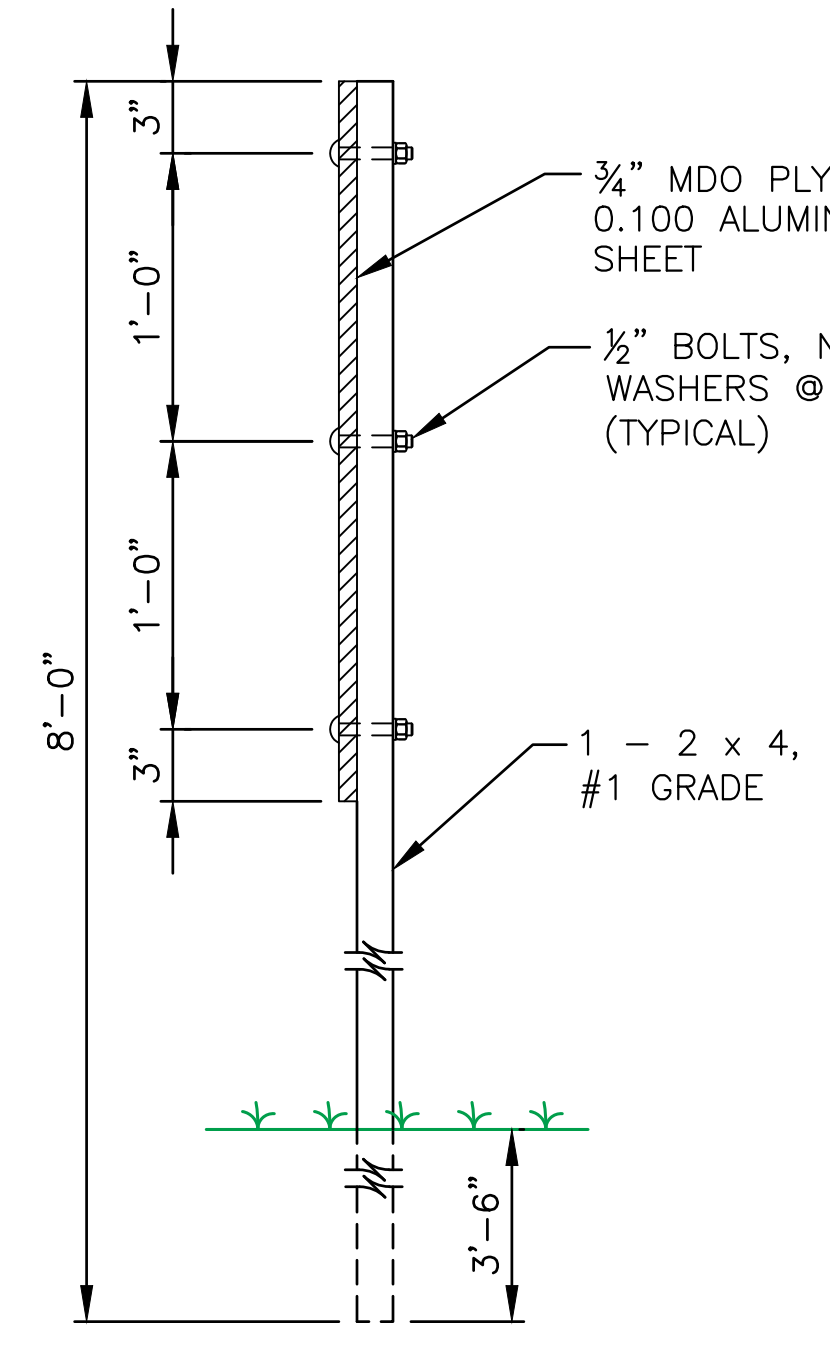
- LETTERING FOR 5'-0" WIDE SIGN SHALL USE THE FOLLOWING FONTS:
 CITY OF - BASIC SANS SF - BLACK (1 1/8")
 TOPEKA - BASIC SANS HEAVY SF - BLACK (2 5/8")
 Improving Our - CENTURY GOTHIC BOLD - WHITE (4 1/8")
 Infrastructure - CENTURY GOTHIC BOLD - WHITE (4 1/2")
 projects.topeka.org - CENTURY GOTHIC - BLACK (2 3/16")

LETTERING SHALL BE VINYL COMPUTER CUT SCOTCHCAL OR APPROVED EQUAL IN THE COLORS LISTED ABOVE. CITY LOGO SYMBOL SHALL BE BLACK ON GOLD (RGB 240,189,18). BACKGROUND STRIPE SHALL BE NAVY BLUE (RGB 38,76,142). CITY FLAG ROSETTE SHALL BE GOLD (RGB 240,189,18) MATCHING THE GOLD USED IN THE CITY OF TOPEKA LOGO, AND GREEN (RGB 0,158,75)

- RGB VALUES ARE APPROXIMATE. VARIATIONS FROM THE LISTED RGB VALUES MUST BE REQUESTED FOR APPROVAL.
- ONE SIDE OF SIGN ONLY.
- WOOD SIGN AND POSTS SHALL BE PAINTED WITH TWO (2) COAT EXTERIOR WHITE PRIMER AND ONE (1) COAT EXTERIOR WHITE SEMI-GLOSS FINISH.
- ALTERNATIVE TO WOOD PANEL, CONTRACTOR MAY USE 3MM MIN. ALUMINUM COMPOSITE MATERIAL (ACM), REINFORCED ON THE BACK SIDE WITH 2X4 PRESSURE TREATED AND PAINTED STRINGERS TO PREVENT SAG OR BOW. FOR ACM PANELS, DIGITALLY PRINTED GRAPHICS ARE ALLOWED, AND SHALL REQUIRE A UV OVER-LAMINATE.
- LOCATION OF PROJECT SIGN TO BE DETERMINED BY THE CITY ENGINEER.
- SIGN SHALL BE ERECTED PRIOR TO ANY CONSTRUCTION ACTIVITY, AND MAINTAINED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION. SIGN SHALL BE REMOVED UPON PROJECT COMPLETION.
- PROJECT SIGNAGE NOT REQUIRED ON PROJECTS TO BE CONSTRUCTED OUTSIDE THE CITY LIMITS UNLESS SPECIFIED BY THE COUNTY ENGINEER.
- IF METAL POSTS ARE USED INSTEAD OF WOOD POSTS, THEY MUST BE BREAKAWAY POSTS AS SHOWN ON CoT TRAFFIC ENGINEERING'S DT-112.
- NOTE FOR AUTOCAD: SET MERGE CONTROL TO "LINES OVERWRITE", PLOT IN TRUE COLOR PEN TABLES.
- PDF and AUTOCAD files can be found at:
<https://www.topeka.org/engineering/design-right-of-way/>



PROJECT SIGN TYPE A



NO.	DATE:	REVISION	BY:	APP'D
4	March 2022	ALL NEW SIGN TEXT - 2022	MJM LH	
3	March 2013	Added breakaway metal post, sign & ht.	DHS SB	
2	Dec. 2009	All new sign text	DHS SB	
1	Jan. 2007	Changed Logo	DHS SB	

DRAWN BY: jt/rm
 APP'D BY: _____

**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

**TYPICAL
 PROJECT SIGNING
 THROUGH CONSTRUCTION AREAS
 (DT-019)**

DATE:	APRIL 2026
SHEET:	18 OF 74
PROJ.:	841099.07
PEC#:	250987-000

ASPHALTIC CONCRETE OVERLAY (BM-2) (2")				
STATION	TO	STATION	QUANTITY (SQ. YDS.)	REMARKS
SW OAKLEY AVENUE - 8TH TO FRONT				
30+00.00	to	35+50.00	1491	
35+50.00	to	40+91.75	1725	
TOTAL			3216	

8" NRDJ CONCRETE PAVEMENT				
STATION	TO	STATION	QUANTITY (SQ. YDS.)	REMARKS
SW OAKLEY AVENUE - 10TH TO 8TH				
10+00.00	to	15+00.00	1233	
15+00.00	to	20+00.00	1284	
20+00.00	to	23+23.80	797	
TOTAL			3314	

AGGREGATE BASE - TYPE AB-3 (6")				
STATION	TO	STATION	QUANTITY (SQ. YDS.)	REMARKS
SW OAKLEY AVENUE - 10TH TO 8TH				
10+00.00	to	15+00.00	1593	
15+00.00	to	20+00.00	1719	
20+00.00	to	23+23.80	1039	
TOTAL			4351	

CONCRETE VALLEY GUTTER					
STATION	TO	STATION	SIDE	QUANTITY (SQ. YDS.)	REMARKS
SW OAKLEY AVENUE - 10TH TO 8TH					
10+00.00	to	15+00.00		19	SW 9TH ST
TOTAL				19	SQ. YDS.

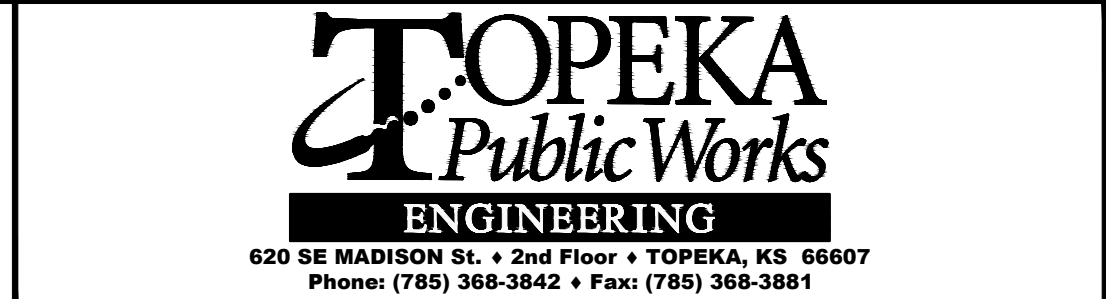
COMBINED CURB & GUTTER, TYPE I					
STATION	TO	STATION	SIDE	LENGTH (LIN. FT.)	REMARKS
SW OAKLEY AVENUE - 10TH TO 8TH					
10+00.00	to	15+00.00	LT & RT	926	
15+00.00	to	20+00.00	LT & RT	1008	
20+00.00	to	23+23.80	LT & RT	632	
TOTAL				2566	

4" CONCRETE SIDEWALK					
STATION	TO	STATION	SIDE	AREA (SQ. FT.)	REMARKS
SW OAKLEY AVENUE - 10TH TO 8TH					
10+00.00	to	15+00.00	RT	18	4' WIDE COURTESY SIDEWALK
15+00.00	to	20+00.00	RT	18	4' WIDE COURTESY SIDEWALK
TOTAL				36	

6" CONCRETE DRIVEWAY			
LOCATION	SIDE	QUANTITY (SQ. FT.)	REMARKS
SW OAKLEY AVENUE - 10TH TO 8TH			
10+92.71	LT	324.6	PRIVATE ENTRANCE (65.3' WIDE)
11+26.40	RT	120.0	PRIVATE ENTRANCE (20.0' WIDE)
11+84.32	LT	210.0	PRIVATE ENTRANCE (30.0' WIDE)
12+27.49	RT	72.0	PRIVATE ENTRANCE (12.0' WIDE)
12+65.34	LT	81.0	PRIVATE ENTRANCE (12.0' WIDE)
12+69.03	RT	92.8	PRIVATE ENTRANCE (14.0' WIDE)
12+84.36	RT	60.0	PRIVATE ENTRANCE (10.0' WIDE)
13+16.06	LT	120.0	PRIVATE ENTRANCE (20.0' WIDE)
13+59.57	LT	72.0	PRIVATE ENTRANCE (12.0' WIDE)
13+86.04	LT	72.0	PRIVATE ENTRANCE (12.0' WIDE)
14+27.32	RT	63.0	PRIVATE ENTRANCE (9.00' WIDE)
14+40.00	LT	165.0	PRIVATE ENTRANCE (27.0' WIDE)
14+77.21	RT	107.8	PRIVATE ENTRANCE (17.0' WIDE)
14+96.89	LT	81.0	PRIVATE ENTRANCE (11.0' WIDE)
15+45.60	LT	96.0	PRIVATE ENTRANCE (16.0' WIDE)
15+93.65	LT	72.0	PRIVATE ENTRANCE (12.0' WIDE)
16+54.81	RT	87.0	PRIVATE ENTRANCE (13.0' WIDE)
17+09.94	LT	63.0	PRIVATE ENTRANCE (9.00' WIDE)
17+36.31	RT	77.3	PRIVATE ENTRANCE (12.0' WIDE)
17+67.19	LT	120.3	PRIVATE ENTRANCE (17.0' WIDE)
17+86.23	RT	72.0	PRIVATE ENTRANCE (12.0' WIDE)
18+09.08	RT	72.0	PRIVATE ENTRANCE (12.0' WIDE)
18+24.86	LT	72.0	PRIVATE ENTRANCE (12.0' WIDE)
18+51.67	RT	84.0	PRIVATE ENTRANCE (14.0' WIDE)
19+13.15	LT	90.2	PRIVATE ENTRANCE (14.0' WIDE)
19+32.90	LT	66.0	PRIVATE ENTRANCE (10.0' WIDE)
19+34.80	RT	75.0	PRIVATE ENTRANCE (11.0' WIDE)
19+82.29	RT	63.0	PRIVATE ENTRANCE (9.00' WIDE)
19+88.94	LT	63.0	PRIVATE ENTRANCE (9.00' WIDE)
20+35.25	RT	98.9	PRIVATE ENTRANCE (15.0' WIDE)
20+45.33	LT	90.0	PRIVATE ENTRANCE (14.0' WIDE)
20+81.68	RT	120.0	PRIVATE ENTRANCE (20.0' WIDE)
21+01.97	LT	72.0	PRIVATE ENTRANCE (12.0' WIDE)
21+38.50	RT	75.0	PRIVATE ENTRANCE (11.0' WIDE)
21+81.44	LT	158.4	PRIVATE ENTRANCE (12.0' WIDE)
21+84.71	RT	72.0	PRIVATE ENTRANCE (23.8' WIDE)
TOTAL		3500.3	

NO.	DATE:	REVISION

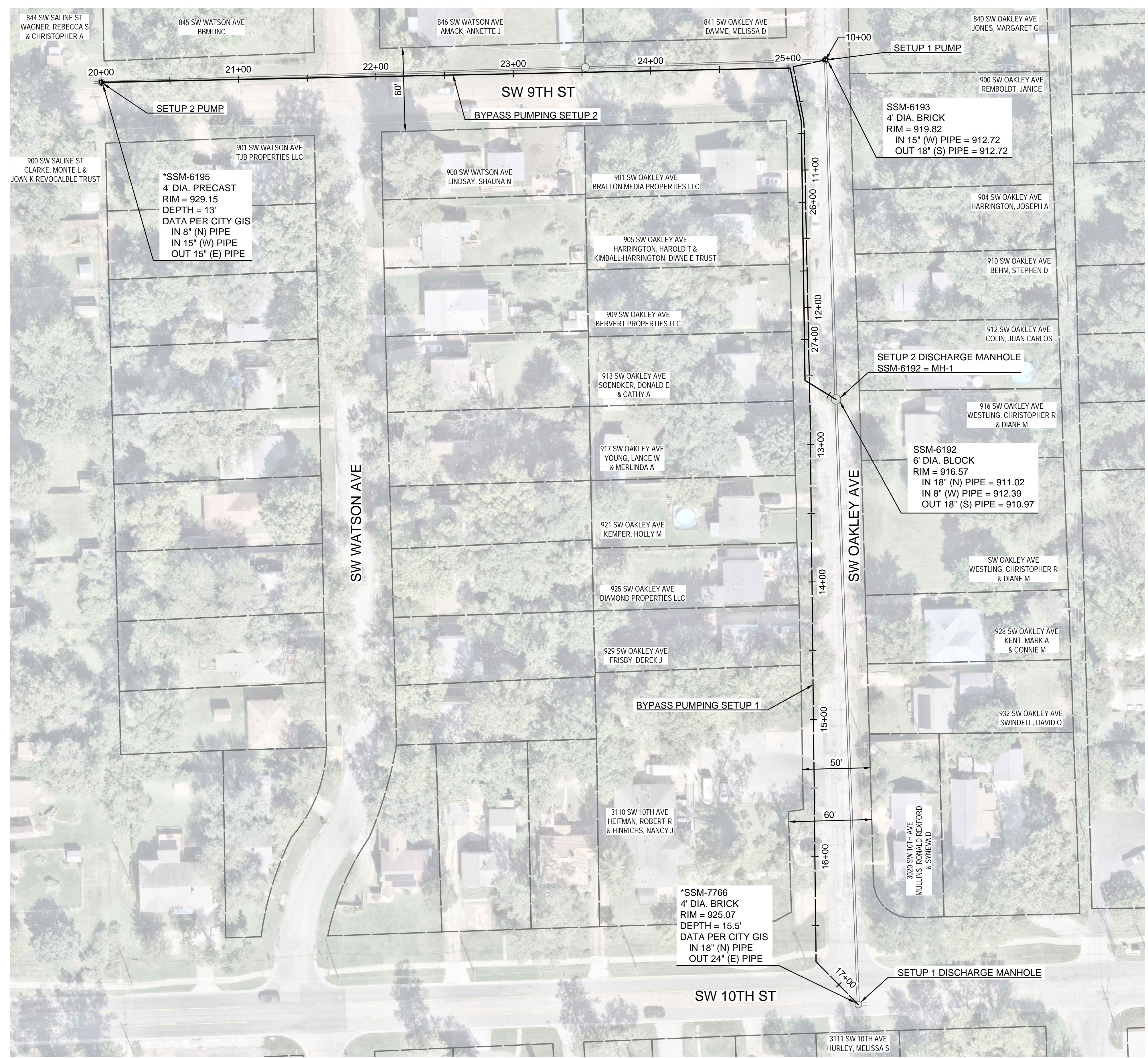
DRAWN BY: CTS
 DESIGNED BY: MKS
 APPROVED BY: FSA
 SURVEYED BY: COT
 TOPEKA PM: JH



SW OAKLEY AVENUE
 FROM SW 10TH AVENUE TO SW FRONT STREET
ROADWAY IMPROVEMENT PROJECT NO. 841099.07
 SANITARY SEWER PROJECT NO. 291109.02

SUMMARY OF QUANTITIES

DATE: APRIL 2026
 SHEET: 19 OF 74
 PROJ.: 841099.07
 PEC#: 250987-000



NOTES:

1. THE CONTRACTOR SHALL MAINTAIN BYPASS PUMPING ACTIVITIES WITHIN THE RIGHT OF WAY.
2. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL BARRICADES, AS NECESSARY, TO PROTECT THE BYPASS PUMPING ACTIVITIES.
3. THE CONTRACTOR SHALL COORDINATE BYPASS PUMPING ACTIVITIES WITH THE SANITARY SEWER PHASING, ROAD PAVING, AND TRAFFIC CONTROL.
4. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PROVIDING ACCESS TO RESIDENTS DURING CONSTRUCTION IN ACCORDANCE WITH THE CONSTRUCTION SEQUENCING AND TRAFFIC CONTROL PLANS.

BYPASS PUMPING:

1. THE CONTRACTOR SHALL PROVIDE A BYPASS PUMPING SET UP WITH A FIRM CAPACITY OF 2,850 GPM. THE CONTRACTOR SHALL HAVE ONE (1) BACKUP PUMP WITH A FIRM CAPACITY OF 2,850 GPM ON SITE AT ALL TIMES.
2. THE TEMPORARY BYPASS PUMPING SYSTEM SHALL BE PLACED IN OPERATION FOR A MINIMUM OF 24-HOURS BEFORE ANY OTHER WORK IN THE AREAS BEING PLACED UNDER BYPASS MAY BEGIN.
3. BYPASS PUMPING SHALL BE PERFORMED IN SUCH A MANNER THAT ALLOWS ACCESS FOR LOCAL TRAFFIC ALONG SW OAKLEY AVE. THE CONTRACTOR SHALL UTILIZE TEMPORARY RAMPS OVER THE BYPASS PUMPING LINE TO PROVIDE ACCESS TO RESIDENTIAL PROPERTIES OVER ON-STREET PARKING, WHERE POSSIBLE, TO ALLOW ACCESS TO IMPACTED PROPERTIES.
4. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF BYPASS PUMPING WITH THE ENGINEER AND THE CITY.
5. THE CONTRACTOR SHALL DETERMINE THE LINE SIZE NECESSARY FOR THE BYPASS PUMPING SETUP.
6. THE CONTRACTOR SHALL PROVIDE A BYPASS PUMPING PLAN TO THE CITY FOR APPROVAL PRIOR TO THE COMMENCEMENT OF WORK.
7. THE BYPASS PUMPING PLAN SHALL BE IN ACCORDANCE WITH SPECIFICATION SECTION 33 01 30.
8. THE CONTRACTOR SHALL PROVIDE A BYPASS PUMPING PLAN TO THE CITY FOR APPROVAL PRIOR TO THE COMMENCEMENT OF WORK.
9. THE BYPASS PUMPING PLAN SHALL BE IN ACCORDANCE WITH SPECIFICATIONS SECTION 33 01 30.
10. THE DESIGN, INSTALLATION, AND OPERATION OF THE BYPASS PUMPING SYSTEM SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE BYPASS PUMPING SYSTEM SHALL MEET THE REQUIREMENTS OF ALL CODES AND REGULATORY AGENCIES HAVING JURISDICTION.

NO.	DATE:	REVISION

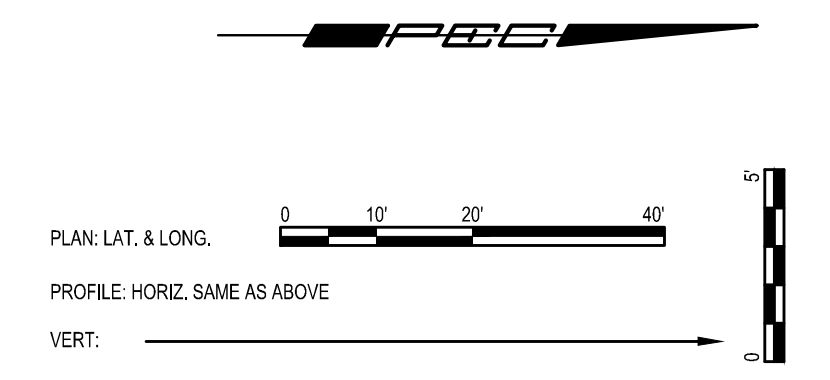
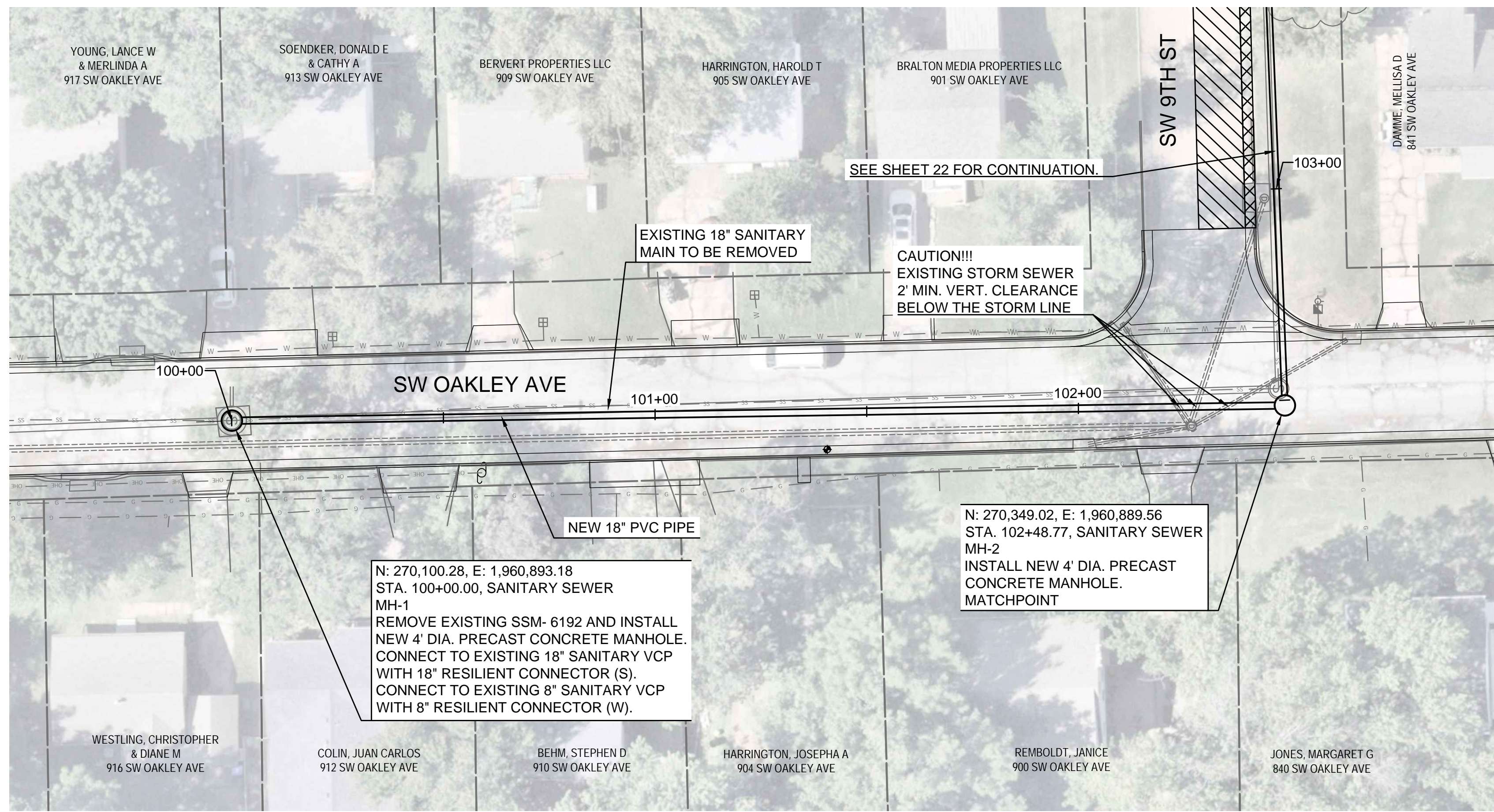
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 APPROVED BY: FSA
 SURVEYED BY: COT
 TOPEKA PM: JH



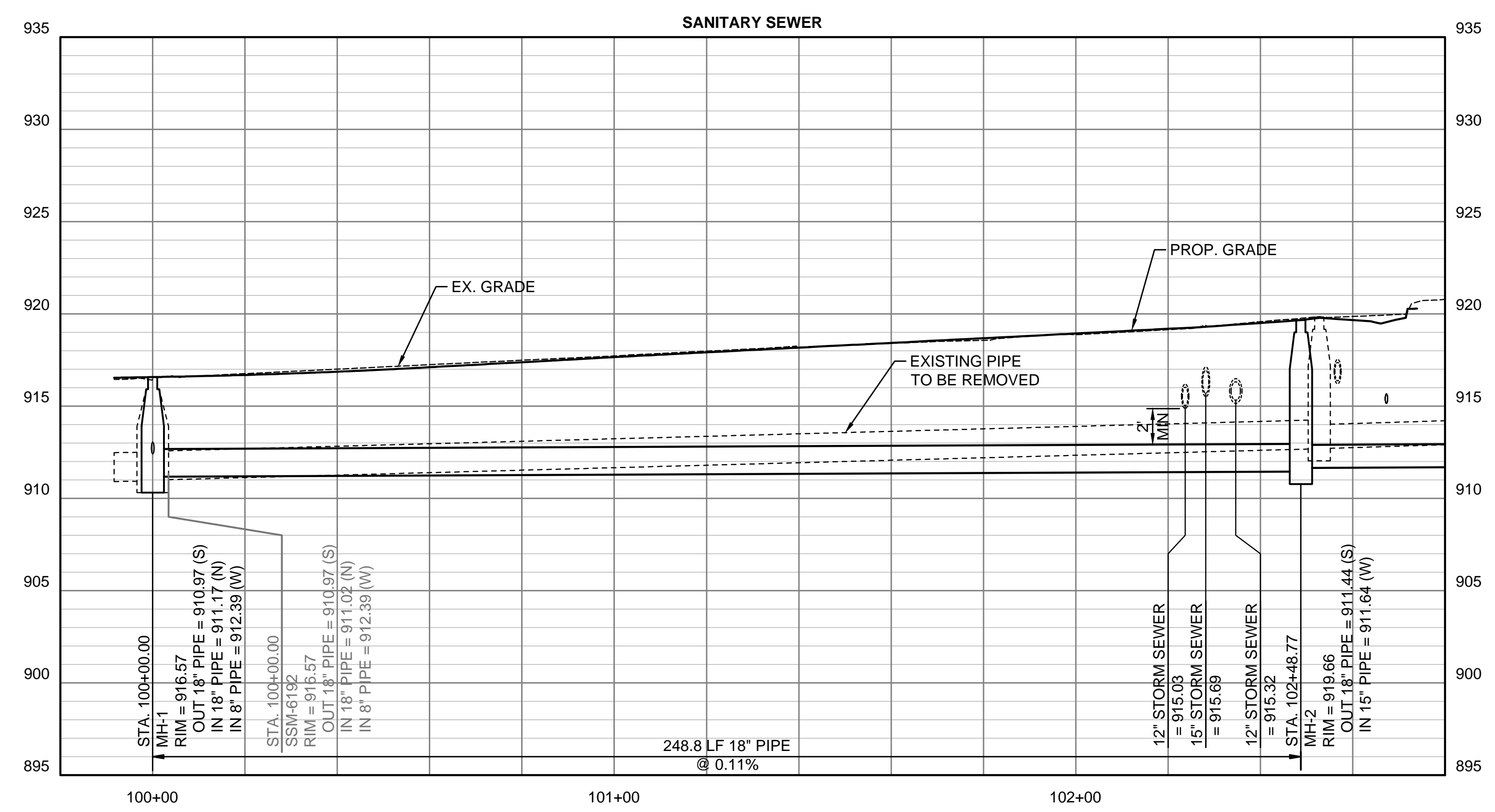
SW OAKLEY AVENUE
 FROM SW 10TH AVENUE TO SW FRONT STREET
ROADWAY IMPROVEMENT PROJECT NO. 841099.07
 SANITARY SEWER PROJECT NO. 281109.02

SANITARY SEWER
 BYPASS PUMPING PLAN

DATE: APRIL 2026
 SHEET: 20 OF 74
 PROJ.: 841099.07
 PEC#: 250987-000



- NOTES**
- SEE SHEET 6 FOR PAVEMENT IMPROVEMENTS.



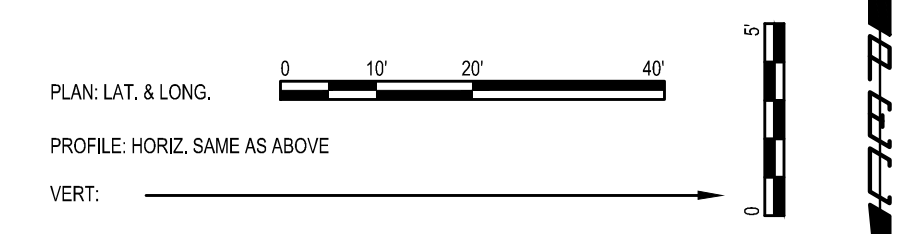
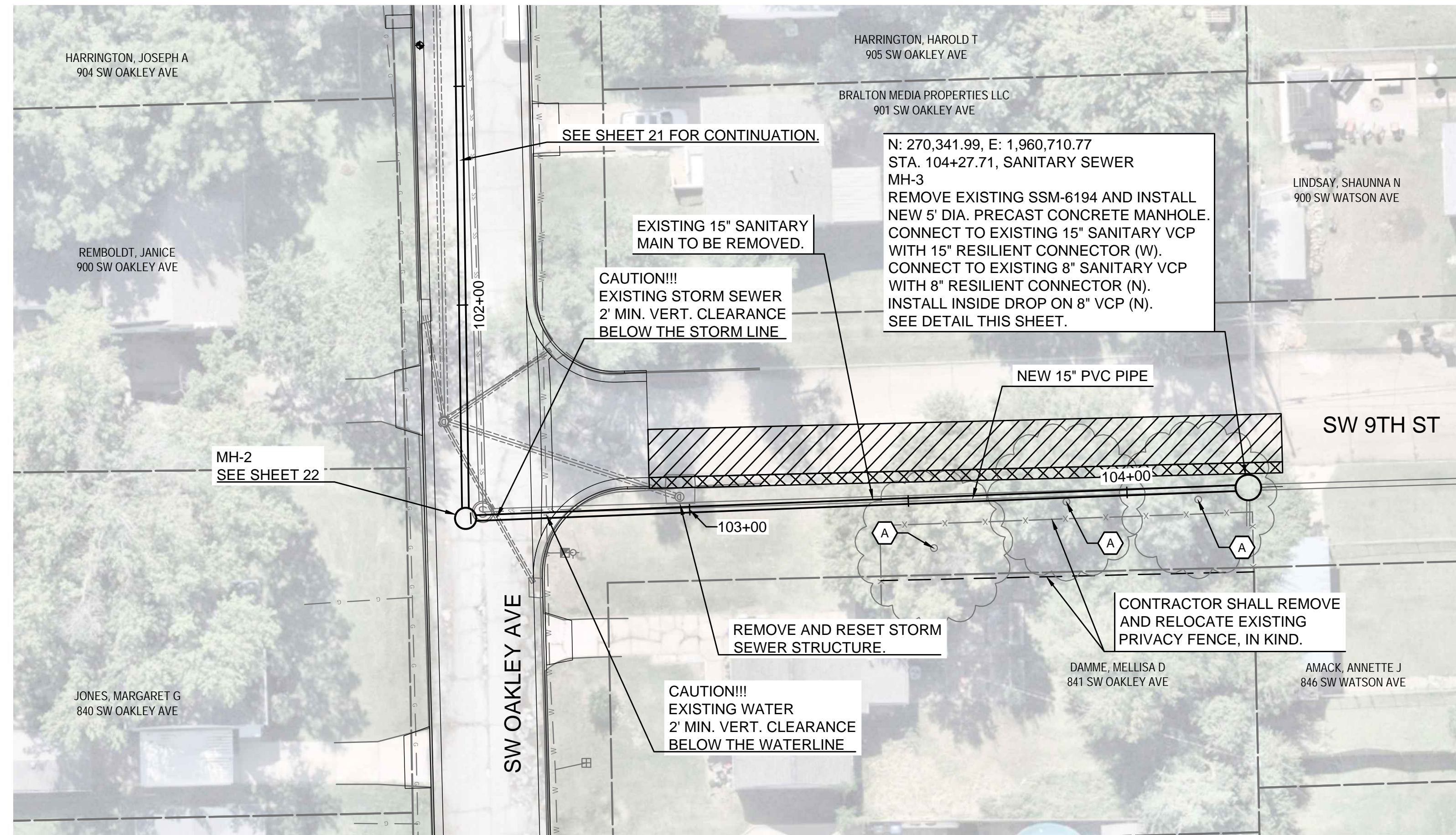
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 APPROVED BY: FSA
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SW OAKLEY AVENUE
 FROM SW 10TH AVENUE TO SW FRONT STREET
 ROADWAY IMPROVEMENT PROJECT NO. 841099.07
 SANITARY SEWER PROJECT NO. 291109.02

DATE: APRIL 2026
 SHEET: 21 OF 74
 PROJ.: 841099.07
 PEC#: 250987-000

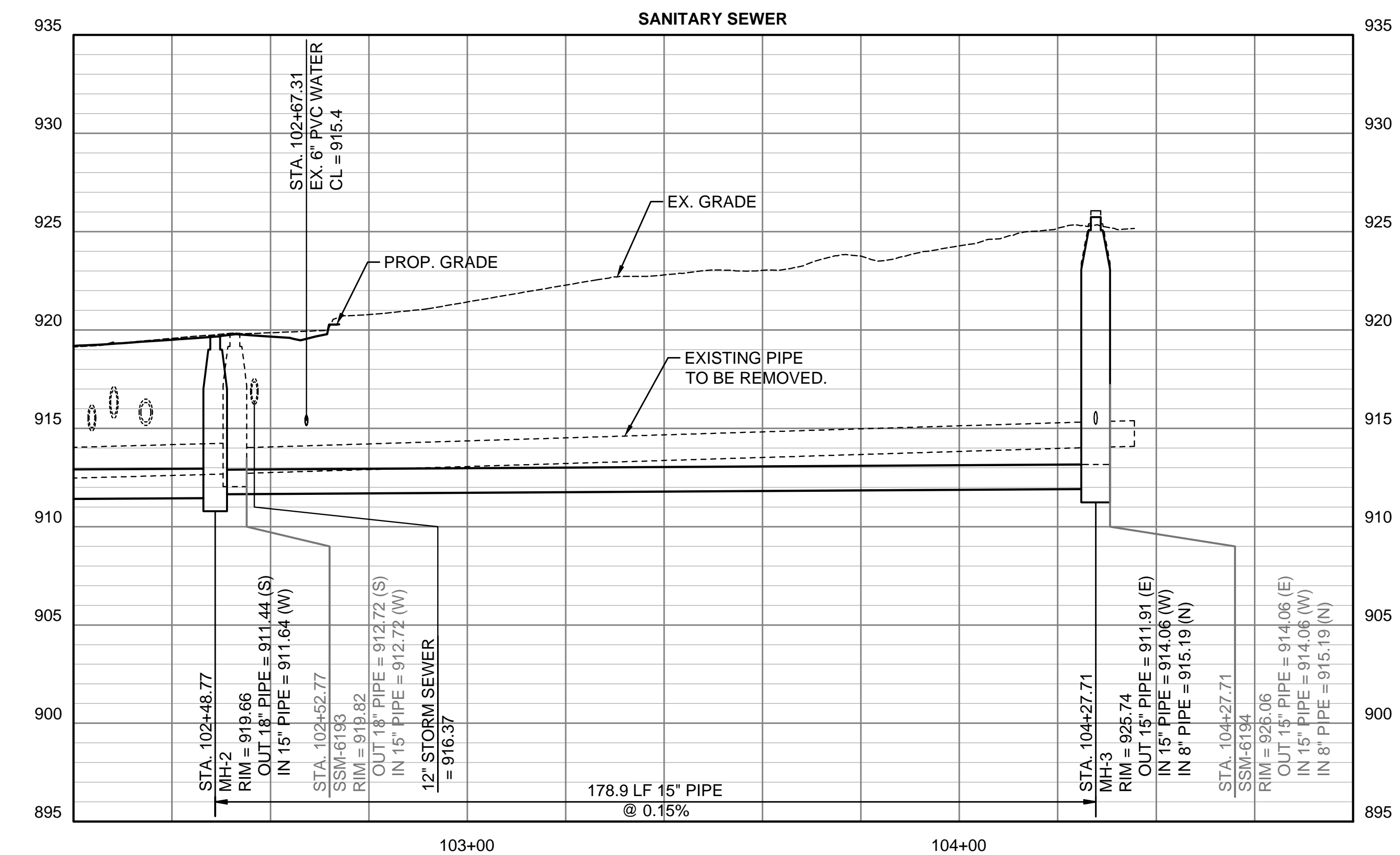
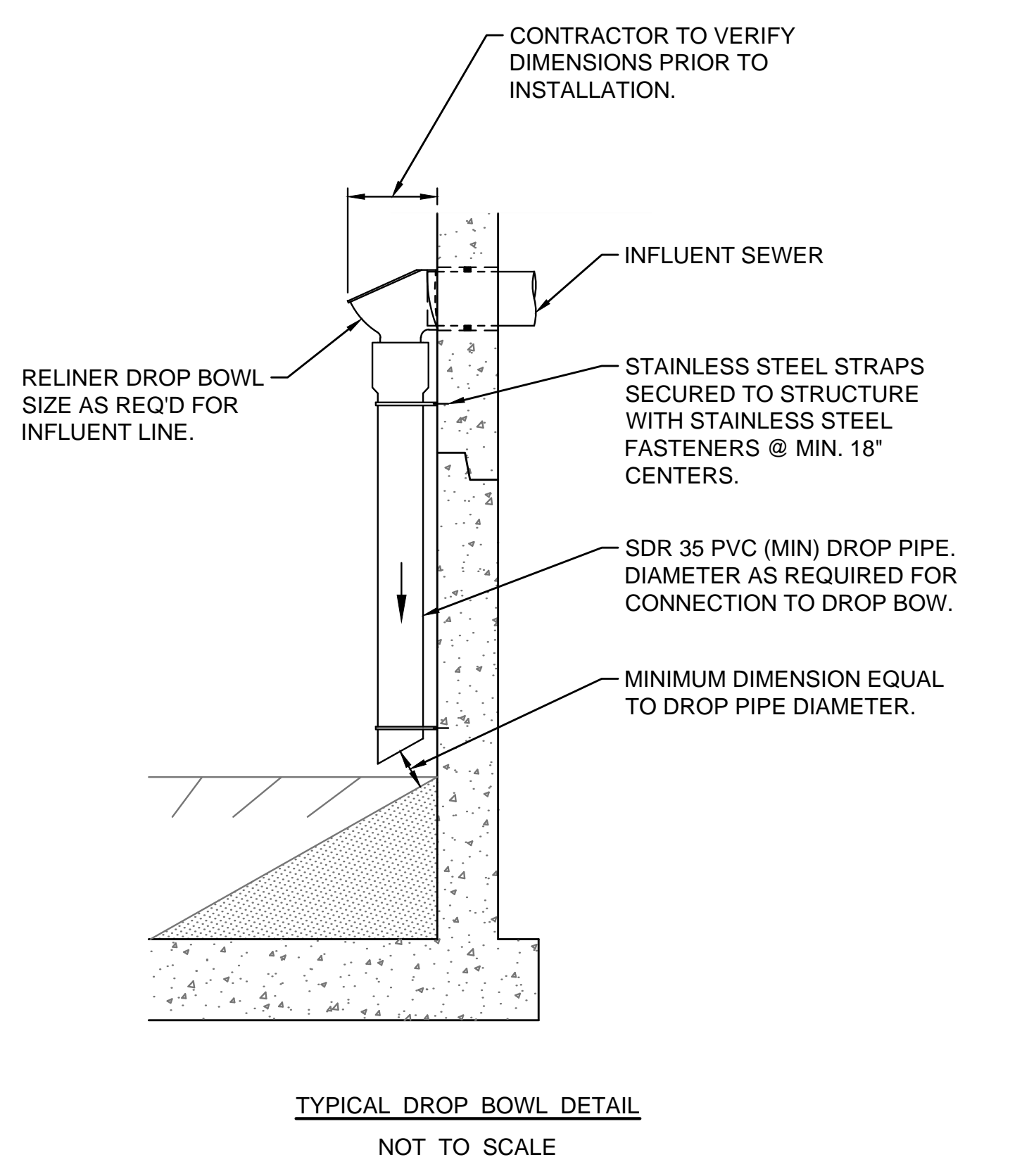


KEY NOTES

- (A) REMOVE TREE

NOTES

- SEE SHEET 6 FOR PAVEMENT IMPROVEMENTS.
- REMOVAL OF EXISTING BUSHES ALONG THE OUTSIDE FENCE LINE FOR 841 SW OAKLEY AVENUE SHALL BE PERMITTED FOR THE REMOVAL AND REPLACEMENT OF THE SANITARY SEWER.



PAVEMENT RESTORATION (THIS SHEET)	
	ASPHALT PAVEMENT (2\"/>
	CURB AND GUTTER

NO.	DATE:	REVISION	TOPEKA PM: JH



SW OAKLEY AVENUE
FROM SW 10TH AVENUE TO SW FRONT STREET
ROADWAY IMPROVEMENT PROJECT NO. 841099.07
SANITARY SEWER PROJECT NO. 291109.02

DATE:	APRIL 2026
SHEET:	22 OF 74
PROJ.:	841099.07
PEC#:	250987-000