



# CITY OF ANN ARBOR ENGINEERING

## 2026 SIDEWALK GAP ELIMINATION PROJECT

### APPLE ST, PEAR ST, BROCKMAN BLVD, CRESTLAND DR AND BROADWAY STAIRCASE REPAIR

**NOTES**

FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 174 OF 2013, THE CONTRACTOR SHALL CALL 811 OR 1-800-482-7171 A MINIMUM OF THREE FULL WORKING DAYS, EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS, PRIOR TO BEGINNING EACH EXCAVATION IN AREAS WHERE PUBLIC UTILITIES HAVE NOT BEEN PREVIOUSLY LOCATED. MEMBERS WILL THUS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE A PART OF THE "MISS DIG" ALERT SYSTEM.

THE UNDERGROUND LOCATIONS SHOWN FOR NATURAL GAS, TELEPHONE, ELECTRICAL POWER, CABLE TV AND FIBER OPTIC LINES ARE APPROXIMATE. THE CITY OF ANN ARBOR ASSUMES NO RESPONSIBILITY FOR THEIR ACCURATE REPRESENTATION IN THIS DRAWING. MISS DIG MUST BE CONTACTED PRIOR TO CONSTRUCTION TO LOCATE THESE UTILITIES.

THE CONSTRUCTION COVERED BY THESE PLANS SHALL CONFORM TO THE CITY OF ANN ARBOR PUBLIC SERVICES AREA DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS ("STANDARDS"). THE OMISSION OF ANY STANDARD DETAIL DOES NOT RELIEVE THE CONTRACTOR OF THEIR OBLIGATION TO CONSTRUCT ITEMS IN COMPLETE ACCORDANCE WITH THOSE STANDARDS.



REV.	DATE	DESCRIPTION	CHECKED	DRAWN

CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST HURON STREET  
ANN ARBOR, MI 48106-0647  
www.a2gov.org

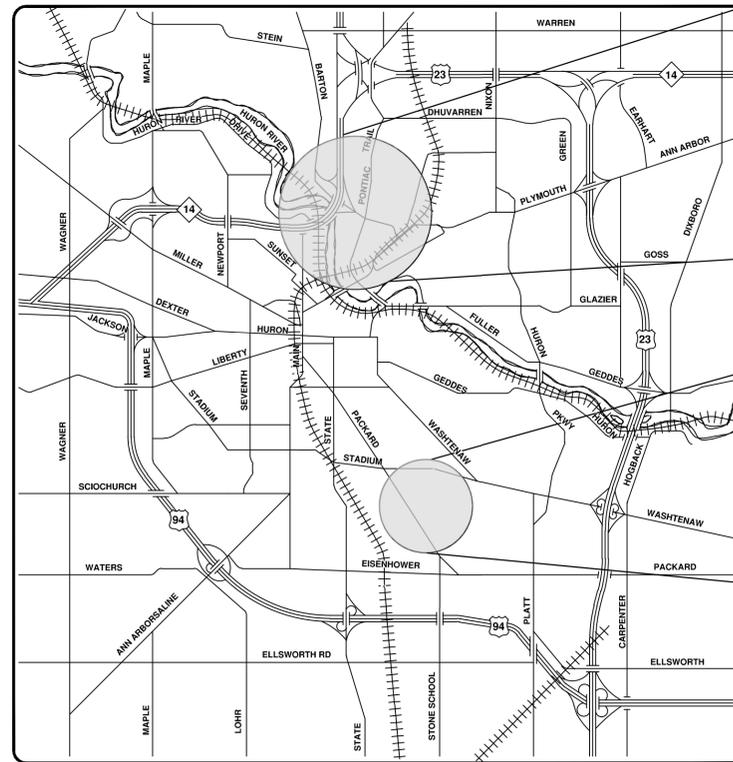


CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING  
PROPOSED SIDEWALK FOR APPLE STREET, PEAR STREET  
BROCKMAN BOULEVARD AND CRESTLAND DRIVE  
SCALE: NTS  
DRAWING NO. 2026-007-1  
SHEET No. 1 OF 44

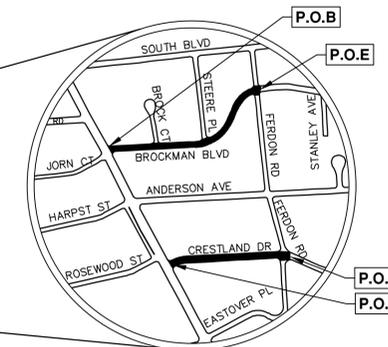
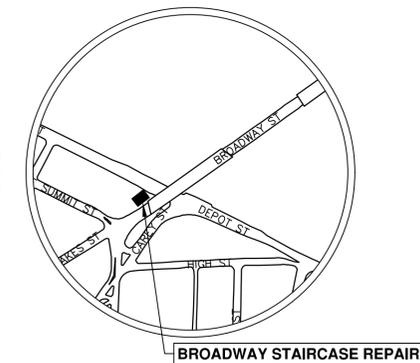
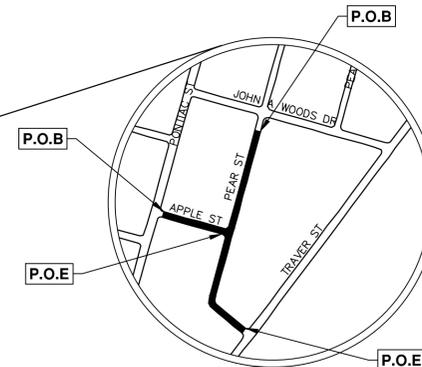
C:\pwork\mflnagon\_d1544838\GCS-PLTS-COVER.dwg - \_o2\_standard bw.stb - Plot Date: 2/12/2026 11:47:32 AM

Sheet Number	Sheet Title
1	COVER
2	NOTES
3	LEGEND
4	PEDESTRIAN DETAILS 1
5	PEDESTRIAN DETAILS 2
6	PEDESTRIAN DETAILS 3
7	PEDESTRIAN DETAILS 4
8	APPLE STREET - TYPICALS
9	APPLE STREET - EXISTING CONDITIONS
10	APPLE STREET - REMOVAL PLAN
11	APPLE STREET - SITE PLAN
12	APPLE STREET - GRADING PLAN
13	APPLE STREET - SIGNAGE PLAN
14	PEAR STREET - TYPICALS
15	PEAR STREET - EXISTING CONDITIONS
16	PEAR STREET - EXISTING CONDITIONS
17	PEAR STREET - REMOVAL PLAN STA 0+00 TO 4+00
18	PEAR STREET - REMOVAL PLAN STA 4+00 TO STA 8+47
19	PEAR STREET - SITE PLAN STA 0+00 TO 4+00
20	PEAR STREET - SITE PLAN STA 4+00 TO STA 8+47
21	PEAR STREET - GRADING PLAN STA 0+00 TO 4+00
22	PEAR STREET - GRADING PLAN STA 4+00 TO STA 8+47
23	BROCKMAN BOULEVARD - TYPICALS
24	BROCKMAN BOULEVARD - EXISTING CONDITIONS 1
25	BROCKMAN BOULEVARD - EXISTING CONDITIONS 2
26	BROCKMAN BOULEVARD - REMOVAL PLAN 1
27	BROCKMAN BOULEVARD - REMOVAL PLAN 2
28	BROCKMAN BOULEVARD - SITE PLAN 1
29	BROCKMAN BOULEVARD - SITE PLAN 2
30	BROCKMAN BOULEVARD NORTH - GRADING PLAN STA 0+00 TO STA 3+50
31	BROCKMAN BOULEVARD NORTH - GRADING PLAN STA 3+50 TO STA 8+54
32	BROCKMAN BOULEVARD SOUTH - GRADING PLAN STA 0+00 TO STA 4+00
33	BROCKMAN BOULEVARD SOUTH - GRADING PLAN STA 4+00 TO STA 7+52
34	BROCKMAN BOULEVARD - DETAIL GRADES
35	BROCKMAN BOULEVARD - CLOSURE DETAIL
36	BROCKMAN BOULEVARD - SIGNAGE PLAN
37	CRESTLAND DRIVE - TYPICALS
38	CRESTLAND DRIVE - EXISTING CONDITIONS
39	CRESTLAND DRIVE - REMOVAL PLAN
40	CRESTLAND DRIVE - SITE PLAN
41	CRESTLAND DRIVE NORTH - GRADING PLAN
42	CRESTLAND DRIVE SOUTH - GRADING PLAN
43	BROADWAY BRIDGES AMTRACK STAIRCASE REPAIR - EXISTING PLAN
44	BROADWAY BRIDGES AMTRACK STAIRCASE REPAIR - DETAIL SHEET

RFP No. 26-14, FILE No. 2026-007



VICINITY MAP



<p>PREPARED UNDER THE SUPERVISION OF EXCLUDING PAGES 43-44</p> <p><i>Carmelle Tremblay</i> CARMELLE TREMBLAY ENGINEER No. 6201066570</p> <p>02 / 12 / 2026 DATE</p> <p>CARMELLE TREMBLAY, P.E. PROJECT MANAGER</p>		<p>CITY APPROVAL</p> <p><i>Fran Chan</i> FRAN CHAN ENGINEER No. 6201311187</p> <p>02 / 12 / 2026 DATE</p> <p>FRAN CHAN, P.E. PROJECT MANAGER</p>	
--	--	--	--

© 2026 SIDEWALK GAP ELIMINATION PROJECT; RFP No. 26-14; 2026-007

**CONSTRUCTION NOTES:**

- DRIVEWAYS, SIDEWALKS AND ENTRANCES TO REAL PROPERTY, AND THE LIKE SHALL NOT BE BLOCKED EXCEPT FOR SHORT DURATIONS AND ONLY WHEN APPROVED BY THE ENGINEER. VEHICULAR AND PEDESTRIAN ACCESS SHALL BE MAINTAINED AT ALL TIMES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL NECESSARY DRIVEWAY CLOSURES WITH THE PROPERTY OWNER(S) AND RESIDENT(S) IN THE AREAS OF CONSTRUCTION.
- THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES AND SERVICE LEADS ARE TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- LOCATION AND DEPTH OF UTILITIES AS DEPICTED ON THE PLANS IS APPROXIMATE AND SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO EXCAVATE AHEAD AND ADJUST DEPTH OF CONFLICT UTILITIES ACCORDINGLY. ANY DAMAGE TO UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY TO AVOID AND/OR REPAIR AS NECESSARY.
- DURING NON-WORKING HOURS NO TRENCH SHALL REMAIN OPEN
- THE CONTRACTOR SHALL BACKFILL TRENCHES IN ACCORDANCE WITH TRENCH DETAIL SPECIFIED ON PLANS. ALL CONCRETE REMOVALS AND REPLACEMENTS REQUIRED FOR THIS WORK WILL BE PAID FOR SEPARATELY.
- POSTAL DELIVERY AND REFUSE PICKUP SERVICE SHALL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR.
- WHERE STREET CURBS ARE UNDERMINED DUE TO CONSTRUCTION ACTIVITIES, THEY SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTINUOUS MAINTENANCE OF THE TEMPORARY SOIL EROSION CONTROL MEASURES WITHIN THE CONSTRUCTION AREA UNTIL THE FULL COMPLETION OF THE PROJECT. THIS WORK SHALL BE INCLUDED IN THE ITEM OF WORK "GENERAL CONDITIONS".
- ALL CURB, SIDEWALK, DRIVEWAY APPROACH REMOVALS SHALL BE APPROVED BY ENGINEER BEFORE THE WORK IS DONE.
- THE LOCATION OF MATERIAL STOCK PILES AND ON-SITE STAGING AREAS ARE TO BE APPROVED BY THE ENGINEER.
- EXISTING STREET NAME, GUIDE, REGULATORY SIGNS AND MAILBOXES WHICH CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED PRIOR TO CONSTRUCTION AND STORED IN A MANNER WHICH WILL PREVENT DAMAGE, AND RE-SET IN LOCATIONS AS DIRECTED BY THE ENGINEER.

**SOIL EROSION AND SEDIMENTATION CONTROL NOTES**

NOTIFY THE CITY OF ANN ARBOR SOIL EROSION CONTROL OFFICE 48 HOURS PRIOR TO BEGINNING WORK ON THE PROJECT. PHONE: 734-794-6265.

- THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN THE SOIL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER AT ALL TIMES DURING CONSTRUCTION. ANY MODIFICATIONS OR ADDITIONS TO THE SOIL EROSION CONTROL MEASURES DUE TO CONSTRUCTION OR CHANGED CONDITIONS SHALL BE AS DIRECTED AND APPROVED BY THE ENGINEER.
- ALL SOIL EROSION AND SEDIMENTATION CONTROL WORK SHALL CONFORM TO THE PERMIT REQUIREMENTS OF THE CITY OF ANN ARBOR, CHAPTER 55 ANN ARBOR UNIFIED DEVELOPMENT CODE, CITY OF ANN ARBOR STANDARDS DIVISION VII, THE LAWS OF THE STATE OF MICHIGAN AND THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
- DAILY, OR AFTER ANY STORM EVENT, INSPECTIONS OF EROSION CONTROL MEASURES SHALL BE MADE BY THE CONTRACTOR. PERIODIC INSPECTIONS MAY BE MADE BY THE ENGINEER TO DETERMINE THE EFFECTIVENESS OF EROSION AND SEDIMENTATION CONTROL MEASURES. ANY NECESSARY CORRECTIONS SHALL BE MADE WITHOUT DELAY, AND WITHOUT ADDITIONAL COST TO THE CITY OF ANN ARBOR.
- EROSION AND SEDIMENTATION FROM WORK ON THE SITE SHALL BE CONTAINED ON THE SITE AND NOT BE ALLOWED TO COLLECT ON ANY OFF-SITE AREAS, ROADWAYS OR WATERWAYS.
- ALL MUD/SOIL TRACKED ONTO ROADWAYS FROM THE SITE DUE TO CONSTRUCTION, SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.
- ALL AREAS TO BE PERMANENTLY RESTORED WITH GRASS SHALL RECEIVE TOPSOIL, HYDROSEED, AND STAKED EROSION CONTROL BLANKETS (MULCH BLANKETS) AND SHALL BE PERFORMED WITHIN FIVE (5) DAYS OF THE COMPLETION OF FINAL GRADE.
- CONSTRUCTION OPERATIONS SHALL BE SCHEDULED AND PERFORMED SO THAT PREVENTATIVE SOIL EROSION CONTROL MEASURES ARE IN PLACE PRIOR TO EXCAVATION IN CRITICAL AREAS AND TEMPORARY STABILIZATION MEASURES ARE IN PLACE IMMEDIATELY FOLLOWING BACKFILLING OPERATIONS.
- SPECIAL PRECAUTIONS WILL BE TAKEN IN THE USE OF CONSTRUCTION EQUIPMENT TO PREVENT SITUATIONS THAT PROMOTE EROSION.
- PROPER DUST CONTROL SHALL BE MAINTAINED DURING CONSTRUCTION BY USE OF WATER TRUCKS AND/OR DUST PALLIATIVE AS REQUIRED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL TEMPORARY SOIL EROSION CONTROL MEASURES AND REMOVAL OF SOME MEASURES UPON AUTHORIZED COMPLETION OF THE PROJECT. FINAL COMPLETION OF PROJECT WILL NOT BE AUTHORIZED UNTIL ALL SITE WORK AND UTILITY CONSTRUCTION IS COMPLETE AND ALL SOILS ARE STABILIZED.
- THE CONTRACTOR SHALL NOT GRADE INTO ADJACENT PROPERTIES. SILT AND PROTECTIVE FENCE SHALL BE INSTALLED AND MAINTAINED TO PREVENT GRADING, EROSION AND SEDIMENTATION INTO THE ADJACENT PROPERTIES.
- TREE PROTECTION FENCING MUST REMAIN INTACT UNTIL RESTORATION OF THE SITE IS COMPLETE.

**SOIL EROSION SEQUENCE OF CONSTRUCTION:**

- THE CONTRACTOR IS TO SUBMIT TO THE ENGINEER, A SEQUENCE OF CONSTRUCTION WITH RESPECT TO THE SOIL EROSION CONTROL MEASURES FOR REVIEW, COMMENT AND APPROVAL. THIS SCHEDULE IS TO INCLUDE INSPECTION AND REPAIR OF ALL TEMPORARY EROSION CONTROL MEASURES DAILY AND WITHIN 24 HOURS OF A STORM EVENT.
- PLACE INLET FILTERS ON EXISTING DRAINAGE FEATURES THAT WILL REMAIN IN PLACE AFTER CONSTRUCTION BEGINS.
- INSTALL SIDEWALKS, CURB AND PAVEMENT.
- RESTORE ALL DISTURBED AREAS TO A CONDITION THAT IS BETTER THAN, OR EQUAL TO, THAT WHICH EXISTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
- INSPECT & REPAIR OR REPLACE ALL TEMPORARY SESC MEASURES WEEKLY AND WITHIN 24 HOURS OF A STORM EVENT.
- ESTABLISH VEGETATION FOR ALL DISTURBED AREAS WITHIN CONSTRUCTION LIMITS.
- CLEAN OUT STORM SEWER SYSTEMS.
- REMOVE TEMPORARY SESC FEATURES (CALL FOR FINAL INSPECTION).
- REMEDY ANY NOTED DEFECTS TO THE SATISFACTION OF THE CITY'S SESC OFFICIAL.

NOTE: THIS SEQUENCE IS FOR INFORMATION ONLY. IT IS INTENDED TO SHOW THE SEQUENCE OF CONSTRUCTION WITH RESPECT TO THE SOIL EROSION CONTROL MEASURES. THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING THEIR OWN DETAILED CONSTRUCTION SEQUENCE AND SCHEDULE TO THE ENGINEER FOR REVIEW, COMMENT AND ACCEPTANCE.

**TEMPORARY SEEDING:**

- SEED IN ACCORDANCE WITH PROJECT DRAWINGS AND SPECIFICATIONS.

THE ESTIMATED COST OF SOIL EROSION AND SEDIMENTATION CONTROL MEASURES, TOPSOIL, SEEDING, AND MULCH = \$2,345

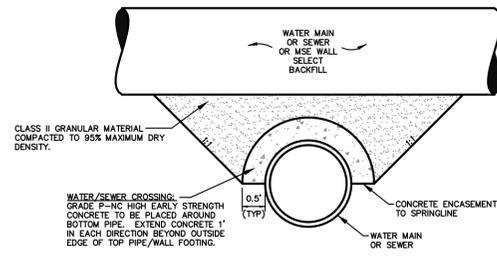
ESTIMATE OF EXCAVATION AND FILL FROM EXISTING TO FINAL GRADE:  
 • EXCAVATION = 6240 CY, FILL = 6799 CY

ON SITE SOILS PER THE USDA SOIL SURVEY OF WASHTENAW COUNTY, MICHIGAN:

- CoB — CONOVER LOAM, 0 TO 4 PERCENT SLOPES
- SPD — SPINKS LOAMY SAND, 12 TO 18 PERCENT SLOPES
- WAWABB — WAWASEE LOAM, 2 TO 6 PERCENT SLOPES
- WAWABC — WAWASEE LOAM, 6 TO 12 PERCENT SLOPES
- WAWABD — WAWASEE LOAM, 12 TO 18 PERCENT SLOPES

**PEDESTRIAN TEMPORARY TRAFFIC CONTROL NOTES:**

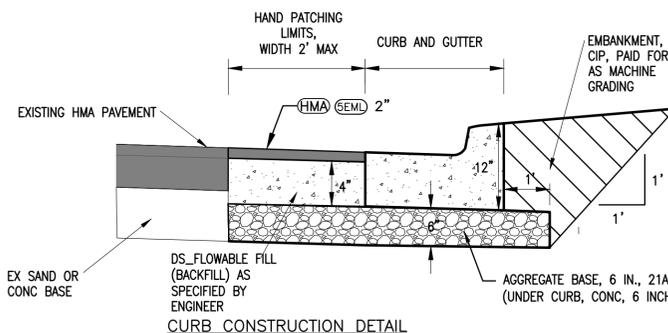
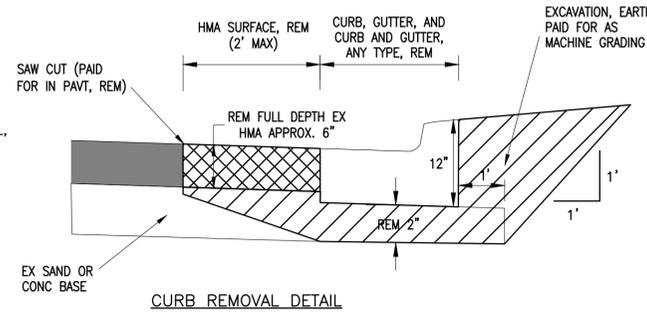
- WHEN CLOSING OR RELOCATING CROSSWALKS OR SIDEWALKS, THE CONTRACTOR SHALL PROVIDE DETECTABLE TEMPORARY FACILITIES AND INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH EXISTING PEDESTRIAN FACILITIES. ANY SIDEWALK CLOSURE SHALL MEET THE REQUIREMENTS OF THE MMUTCD, PART 6.
- TEMPORARY TRAFFIC CONTROL DEVICES FOR PEDESTRIANS ARE SHOWN. OTHER DEVICES MAY BE NECESSARY TO CONTROL VEHICULAR TRAFFIC. STAGE WORK, AS NECESSARY, TO PROVIDE AN ALTERNATE PEDESTRIAN ROUTE (APR) AT ALL TIMES. FOR ROADWAYS WITH NO AVAILABLE DETOURS, MAINTAIN ONE OPEN SIDEWALK AT ALL TIMES.
- THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN THROUGH MOVEMENTS FROM ONE END OF THE CONSTRUCTION AREA TO THE OTHER. PROVIDE A SMOOTH, CONTINUOUS, HARD SURFACE THROUGH THE LENGTH OF THE APR. COMPACTED GRAVEL, AGGREGATE, OR SLAG MATERIALS ARE NOT ALLOWED. PROVIDE A FIRM, STABLE, AND SLIP RESISTANT TEMPORARY WALKWAY SURFACE TO COVER SHORT SEGMENTS OF ROUGH, SOFT, OR UNEVEN GROUND. THE CONTRACTOR SHALL NOT STORE OR PLACE ANY CONSTRUCTION MATERIALS, EQUIPMENT OR SIGNS IN THE PEDESTRIAN PATH OF TRAVEL.
- PEDESTRIAN ACCESS SHALL BE PROVIDED TO ALL ADJACENT PROPERTIES, BUILDINGS, RESIDENCES AND COMMERCIAL PROPERTIES AT ALL TIMES. THIS MAY INCLUDE TEMPORARY WALKWAYS SPANNING THE CONSTRUCTION AREA.
- POST MOUNTED SIGNS LOCATED ADJACENT TO A SIDEWALK SHALL HAVE A 7 FOOT MINIMUM CLEARANCE FROM THE BOTTOM OF THE SIGN TO THE SIDEWALK SURFACE.
- WHEN THE ENGINEER DETERMINES THAT THE CONTRACTOR'S OPERATIONS OR PLACEMENT OF TRAFFIC CONTROL DEVICES HAS CAUSED A SITUATION THAT THE VISIBILITY OF IS REDUCED ENOUGH TO CREATE A HAZARD, THE TRAFFIC CONTROL DEVICES SHALL BE DELINEATED WITH FLAGS OR OTHER ENGINEER-APPROVED DEVICES AT NO ADDITIONAL COST TO THE PROJECT.
- MINIMIZE DISRUPTION TO PEDESTRIANS TO THE MAXIMUM EXTENT FEASIBLE BY PROVIDING AN APR IN THE FOLLOWING ORDER OF PREFERENCE:
  - PROVIDE THE APR ON THE SAME SIDE OF THE STREET AS THE DISRUPTED ROUTE UTILIZING BYPASSES.
  - WHERE IT IS NOT FEASIBLE TO PROVIDE A SAME SIDE APR, PROVIDE A DETOUR ON THE OTHER SIDE OF THE STREET.
  - WHERE IT IS NOT FEASIBLE TO PROVIDE AN APR ON THE OTHER SIDE OF THE ROADWAY, PROVIDE AN APR DETOUR WITH TRAILBLAZING SIGNS AS SHOWN ON THE PROJECT PLANS.
- WHEN DIRECTED BY THE ENGINEER, OR STATED ON THE PLANS, THE CONTRACTOR SHALL PROVIDE A TEMPORARY PEDESTRIAN TRAFFIC CONTROL PLAN FOR REVIEW AND WRITTEN APPROVAL BY THE ENGINEER A MINIMUM OF THREE WEEKS BEFORE SUCH PLAN IS IMPLEMENTED. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE ITEM OF WORK "MINOR TRAFFIC DEVICES". THIS PLAN SHALL DETAIL THE CONSTRUCTION PHASING AND SCHEDULE AND THE SPECIFIC METHODS OF MAINTAINING SAFE PEDESTRIAN ACCESS THROUGHOUT THE CONSTRUCTION AREA. THIS PLAN SHALL PROVIDE THE LOCATION AND DETAILS OF TEMPORARY CONSTRUCTION SIGNING, MARKINGS, BARRICADES, CHANNELIZING DEVICES, TPARS AND METHODS TO MAINTAIN ACCESS TO ADJACENT PROPERTIES, BUSINESSES, RESIDENCES, ETC. NO WORK SHALL BE ALLOWED TO BEGIN UNTIL THIS PLAN IS APPROVED BY THE ENGINEER IN WRITING.



APPLIES TO: WATER AND/OR SEWER CROSSINGS WITH LESS THAN 1.5' OF VERTICAL CLEARANCE

**CONCRETE UTILITY SADDLE**

COST OF SADDLE, IF NECESSARY, IS TO BE INCLUDED IN COST OF STORM SEWER PAY ITEM



**DETAIL FOR CURB REPLACEMENT AREAS**

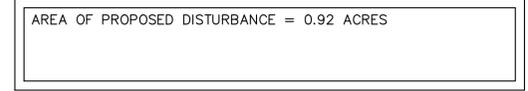
PROJECT NAME BENCHMARKS		
BM #	ELEV	DESCRIPTION
1	843.200	RAILROAD SPIKE IN SOUTH FACE OF UTILITY POLE ON NORTH EAST INTERSECTION OF PONTIAC TRAIL AND APPLE.
2	848.235	RAILROAD SPIKE IN SOUTH FACE OF UTILITY POLE ON NORTH SIDE INTERSECTION OF APPLE AND PEAR.
3	834.919	RAILROAD SPIKE IN NORTHWEST FACE OF UTILITY POLE ON SOUTHEAST SIDE OF PEAR AND TRAVER.
4	840.418	RAILROAD SPIKE IN SOUTH FACE OF UTILITY POLE ON WEST SIDE OF PEAR BETWEEN HSE# 1401 & #1405
5	850.560	HEAD OF 1/2" BOLT WEST SIDE OF LAMP POST ON EAST SIDE PEAR BETWEEN HSE# 1544 AND #1548
6	851.629	HEAD OF 1/2" BOLT WEST SIDE OF LAMP POST ON SOUTHWEST CORNER PEAR AND JOHN A WOODS
7	853.740	BLACK "X" TOP CENTER OF HYDRANT IN THE NORTHWEST QUADRANT OF CRESTLAND AND FERDON, ±13 FEET NORTHEAST OF 22" MAPLE, ±13.5 FEET OFF BACK CURB.
8	839.330	HEAD OF 1/2" BOLT IN EAST FACE OF UTILITY POLE ON THE SOUTHEAST QUADRANT OF PACKARD AND CRESTLAND, ±4.5 FEET SOUTHWEST OF STORM MANHOLE, ±3 FEET OFF BACK OF CURB.
9	838.380	HEAD OF 1/2" BOLT IN EAST FACE OF UTILITY POLE IN SOUTHWEST QUADRANT OF PACKARD AND JORN, ±6 FEET NORTHWEST OF LIGHT POLE, ±4.5 FEET OFF BACK OF CURB.
10	856.890	HEAD OF 1/2" BOLT IN SOUTHEAST QUADRANT OF BROCKMAN AND FERDON IN NORTHWEST FACE OF POWER POLE, ±6.3 FEET SOUTH OF CATCH BASIN SQUARE.

**PERMITS REQUIRED TO BE OBTAINED BY THE CONTRACTOR PRIOR TO THE BEGINNING OF CONSTRUCTION.**

PERMIT	ISSUING AUTHORITY
LANE CLOSURE PERMIT*	CITY OF ANN ARBOR ENGINEERING
"NO PARKING" SIGNS PERMIT*	CITY OF ANN ARBOR ENGINEERING
GRADING/SOIL EROSION & SEDIMENTATION CONTROL PERMIT*	CITY OF ANN ARBOR CUSTOMER SERVICE
RIGHT-OF-WAY PERMIT*	CITY OF ANN ARBOR CUSTOMER SERVICE
* NO COST TO CONTRACTOR	

**CONTACT INFORMATION**

PUBLIC UTILITIES	OWNER	CONTACT
WATER		
SANITARY	CITY OF ANN ARBOR PUBLIC WORKS W.R. WHEELER SERVICE CENTER 4251 STONE SCHOOL ROAD ANN ARBOR, MI 48108	(734) 794-6350
STORM		
FORESTRY		
SIGNS SIGNALS STREET LIGHTS FIBER OPTIC	CITY OF ANN ARBOR INFORMATION TECHNOLOGY LARCUM CITY HALL 301 E. HURON STREET ANN ARBOR, MI 48107	MARK MORENO (734) 794-6361  (734) 794-6550
PRIVATE UTILITIES	OWNER	CONTACT
GAS	DTE ENERGY 3150 E. MICHIGAN AVE, YPSILANTI TOWNSHIP, MI 48198	ANDREW CAIRO (248) 825-4636
ELECTRIC	DTE ENERGY WESTERN WAYNE SERVICE CENTER 8001 HAGGERTY ROAD BELLEVILLE, MI 48111	RAFAEL RAMIREZ-INCIARTE (734) 397-4112
CABLE	COMCAST 27800 FRANKLIN ROAD SOUTHFIELD, MI 48034	RON SUTHERLAND (313) 999-8300
CABLE	ZAYO BANDWIDTH 1805 19TH STREET, SUITE 2050 BOULDER, CO 80301	TYLER HARRISON 734 478-2693
PHONE	AT&T 550 S. MAPLE ROAD ANN ARBOR, MI 48103	MIKE JAREMA (734) 277-4855
FIBER OPTIC	MCI 21500 MELROSE AVE SOUTHFIELD, MI 48075	MARLON REDD (313) 588-0849
FIBER OPTIC	EVERSTREAM 1505 WOODWARD AVE, SUITE 300 DETROIT, MI 48226	TADD MARCELL (866) 221-2741
FIBER OPTIC	FIBERLINK 3529 GENESSEE ROAD, SUITE 6 LAPEER, MI 48446	TINA SNOBLEN (810) 667-2891, EXT 307
FIBER OPTIC	123NET 24700 NORTHWESTERN HWY, SUITE 700 SOUTHFIELD, MI 48075	MEGAN WRIGHT (248) 228-8952
FIBER OPTIC	METRO FIBERNET 12415 OLD MERIDIAN STREET CARMEL, IN 46032	METRONETINCPRS@ORWEB.COM
UNDERGROUND TRANSMISSION	ITC 27175 ENERGY WAY NOVI, MI 48377	ERIKA DAVIS (248) 910-5148
STREET LIGHTING	DTE ENERGY 8001 HAGGERTY ROAD BELLEVILLE, MI 48111	RAISSA M COURSEY (734) 318-3439
UNIVERSITY OF MICHIGAN	UNIVERSITY OF MICHIGAN 1300 UNIVERSITY DRIVE ANN ARBOR, MI 48109	TYLER RAMSEY (734) 660-4705



C:\pwwork\mflnagon\15444838\GNS-PLTS-NOTES.dwg - Plot Date: 2/4/2026 2:01:48 PM



Know what's below. Call before you dig.

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

2026 SIDEWALK GAP ELIMINATION PROJECT

SCALE: NTS

DRAWING No. 2026-007-2

SHEET No. 2 OF 44

NOTES

DESCRIPTION

DATE

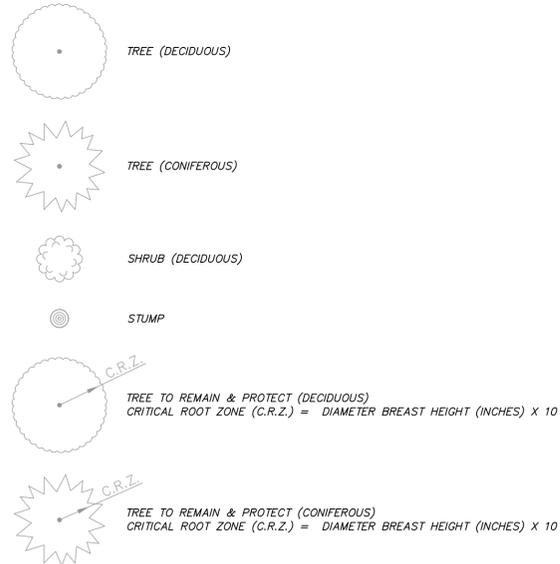
DRAWN

CHECKED

REV.

**EXISTING LEGEND**

EX = EXISTING		
FIRE HYDRANT	WATER MAIN	
GATE VALVE IN BOX	WATER MAIN ABANDONED	
GATE VALVE IN WELL	STORM SEWER	
STOP BOX	STORM SEWER ABANDONED	
WATER VAULT	SANITARY SEWER	
WELL	SANITARY SEWER ABANDONED	
CATCH BASIN (SQ)	GAS MAIN	
CATCH BASIN (RD)	GAS MAIN (DEAD)	
STORM MANHOLE	ELECTRICAL OVER HEAD	
NON-CURB CATCH BASIN (SQ)	ELECTRICAL UNDER GROUND	
END SECTION	ELECTRICAL DUCT BANK	
SANITARY MANHOLE	TELEPHONE OVER HEAD	
CLEAN-OUT	TELEPHONE UNDER GROUND	
POST	TELEPHONE DUCT BANK	
PEDESTRIAN SIGNAL	CABLE TV OVER HEAD	
SIGN	CABLE TV UNDER GROUND	
HAND HOLE	FIBER OPTIC	
ORNAMENTAL LIGHT	FIBER OPTIC DUCT BANK	
FLOOD LIGHT	BOUNDARY	
UNKNOWN MANHOLE	BUILDING	
TELEPHONE MANHOLE	CENTERLINE OF DITCH	
TELEPHONE RISER	CENTERLINE/CROWN OF ROAD	
GAS VALVE	CONTOUR MAJOR	
GAS VENT	CONTOUR MINOR	
GAS BOX	EDGE OF WATER	
ELECTRICAL RISER	FLOODPLAIN	
TRANSFORMER	FENCE	
UTILITY POLE	GRAVEL	
LAMP POLE	GUARDRAIL	
GUY ANCHOR	STONE WALL	
GUY POLE	R.O.W.	
MONITORING WELL	TREELINE	
MAILBOX	WETLAND	
SOIL BORING	EDGE OF BRUSH	
TRAVERSE POINT	HEDGE	
BENCH MARK		
IRON PIPE		
MON BOX		



**PROPOSED LEGEND**

PROP = PROPOSED		
HYDRANT (PLAN)	WATER MAIN	
WATER GATE WELL	STORM SEWER	
REDUCER	SANITARY SEWER	
WATER GATE VALVE	FIBER OPTIC	
WATER STOP BOX	ELECTRICAL	
WATER VAULT	CENTERLINE OF DITCH	
INLET	CENTERLINE OF ROAD	
DOUBLE INLET	FENCE	
INLET JUNCTION CHAMBER	GRAVEL	
ROUND CATCH BASIN	SILT FENCE	
STORM MANHOLE	PROTECTIVE FENCE	
DRAIN ARROW	GUARDRAIL	
FLARED END SECTION	LOT/JUNIT	
SANITARY MANHOLE	CURB	
CLEAN-OUT	TEMPORARY GRADING PERMIT	
BARREL	CONTOUR MAJOR	
SIGN	CONTOUR MINOR	
PUSH BUTTON	WATER EASEMENT	
HAND HOLE	STORM EASEMENT	
	SANITARY EASEMENT	
	R.O.W.	
	LIMITS OF CONSTRUCTION	
	LIMIT OF GRADING	
	STONE WALL	
	DETECTABLE WARNING	
	ASPHALT	
	CONCRETE	
	SIDEWALK	
	TREE (DECIDUOUS)	
	TREE (CONIFEROUS)	
	TREE TO BE REMOVED (DECIDUOUS)	
	TREE TO BE REMOVED (CONIFEROUS)	
	STUMP TO BE REMOVED	
	REMOVAL SIDEWALK, SIDEWALK RAMP, AND DRIVEWAY APPROACH, ANY THICKNESS	
	REMOVAL HMA SURFACE	
	REMOVAL GRAVEL	
	REMOVAL DS_BRICK PAVERS, SIDEWALK	

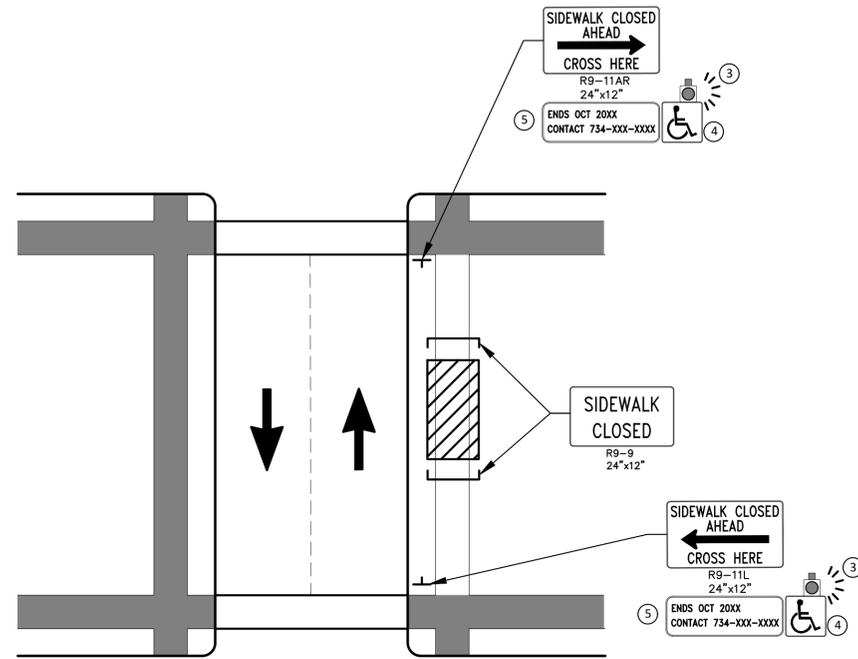


CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST HURON STREET  
ANN ARBOR, MI 48106-1667  
www.a2gov.org

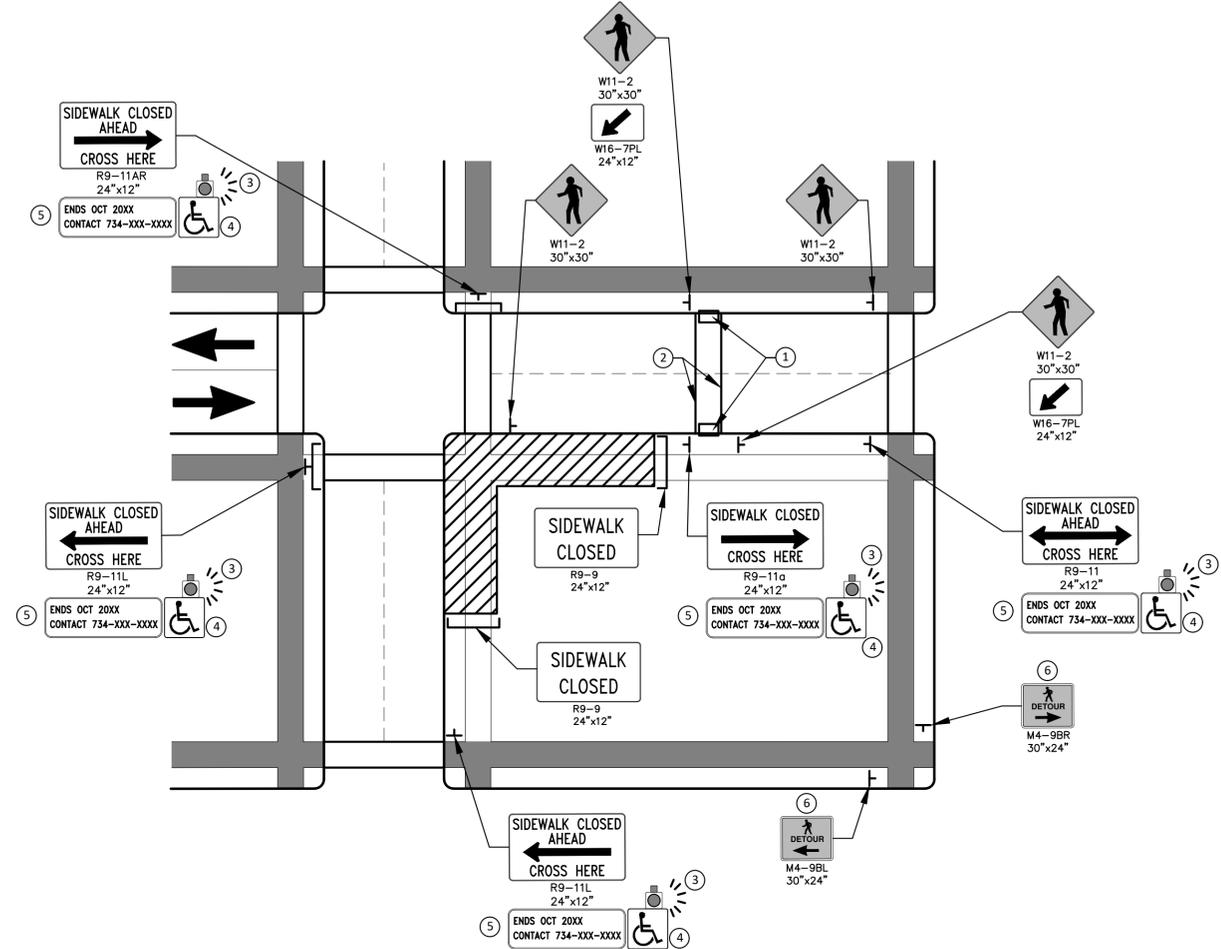


CITY OF ANN ARBOR - ENGINEERING  
2026 SIDEWALK GAP ELIMINATION PROJECT  
LEGEND

SCALE: NTS  
DRAWING No. 2026-007-3



PEDESTRIAN DETOUR USING OPPOSITE SIDE OF STREET



OTHER SIDE OF STREET DETOUR OR DETOUR WITH TRAILBLAZING SIGNS  
(FOR CORNER SIDEWALK CLOSURE WITH OPTIONAL TEMPORARY CROSSWALK)

**SPECIFIC NOTES**

- ① TEMPORARY CURB RAMPS WITH DETECTABLE WARNINGS.
- ② TEMPORARY PAVEMENT MARKING FOR CROSSWALK LINES.
- ③ AN APPROVED AUDIBLE MESSAGE DEVICE OR TACTILE MESSAGE SHALL BE PROVIDED FOR SIGHT-IMPAIRED PEDESTRIANS.
- ④ THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHOULD BE DISPLAYED WHEN ANY WALKWAY THROUGH A WORK ZONE HAS BEEN DETERMINED TO BE TPAR COMPLIANT. THE SYMBOL OF ACCESSIBILITY SHALL NOT BE DISPLAYED IF PERSONS WITH DISABILITIES SHOULD NOT USE THE PRIMARY TEMPORARY PEDESTRIAN DETOUR. THE REASON FOR THE NON-COMPLIANCE SHALL BE POSTED AND AN ALTERNATE ROUTE SHALL BE POSTED WHEN THE PRIMARY TEMPORARY PEDESTRIAN DETOUR IS NON-COMPLIANT TO TPAR STANDARDS.
- ⑤ TYPICAL SIGN MESSAGE FOR A TEMPORARY PEDESTRIAN DETOUR SHALL INCLUDE INFORMATION SUCH AS THE DURATION OF THE WALKWAY RESTRICTIONS (BEGINNING AND/OR END DATES) AND A PROJECT CONTACT NUMBER FOR 24 / 7 QUESTIONS OR REPORTING HAZARDS.
- ⑥ PEDESTRIAN DETOUR TRAILBLAZING SIGNS SHALL BE USED IF THE PEDESTRIAN DETOUR IS IN A LOCATION OTHER THAN ACROSS THE STREET FROM THE SIDEWALK CLOSURE.

**LEGEND**

- SIGN
- ▨ EXISTING PEDESTRIAN SURFACE
- ▨ WORK AREA
- PEDESTRIAN CHANNELIZATION DEVICE
- BARRIER
- SIDEWALK BARRICADE
- DIRECTION OF TRAFFIC
- TRAFFIC CONTROL DEVICE



REV.	DESCRIPTION	DATE	DRAWN	CHECKED

CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST HURON STREET  
ANN ARBOR, MI 48106-1647  
www.a2gov.org

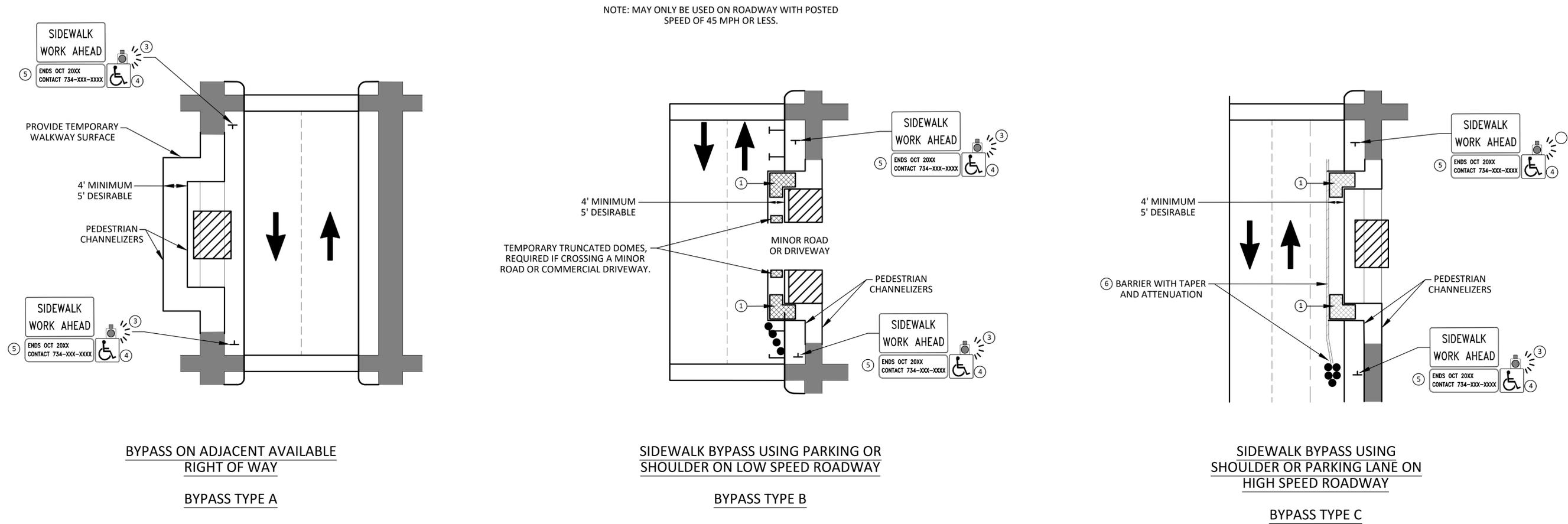


CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING  
2026 SIDEWALK GAP ELIMINATION PROJECT

PEDESTRIAN DETAILS 1

SCALE: NTS  
DRAWING No. 2026-007-4

C:\pwork\mflanagon\01544838\CDT-PLTS-PedestrianDetails.dwg Dwg Created: 10-Sep-25 - \_a2\_standard\_bw.stb - Plot Date: 4-Feb-26



- SPECIFIC NOTES**
- ① TEMPORARY CURB RAMP WITH DETECTABLE WARNINGS.
  - ② S DEVICE TAPER 25 FEET LONG, RECOMMENDED WHEN THE CLOSED AREA WAS USED AS AN INTERMITTENT TRAFFIC LANE OR BYPASS LANE. STREET PARKING SHALL BE PROHIBITED FOR AT LEAST 50 FEET IN ADVANCE OF THE MID-BLOCK CROSSWALK.
  - ③ AN APPROVED AUDIBLE MESSAGE DEVICE OR TACTILE MESSAGE SHOULD BE PROVIDED FOR SIGHT-IMPAIRED PEDESTRIANS.
  - ④ THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE DISPLAYED WHEN ANY WALKWAY THROUGH A WORK ZONE HAS BEEN DETERMINED TO BE TPAR COMPLIANT. THE SYMBOL OF ACCESSIBILITY SHALL NOT BE DISPLAYED IF PERSONS WITH DISABILITIES SHOULD NOT USE THE PRIMARY TEMPORARY PEDESTRIAN DETOUR. THE REASON FOR THE NON-COMPLIANCE SHALL BE POSTED AND AN ALTERNATE ROUTE SHALL BE POSTED WHEN THE PRIMARY TEMPORARY PEDESTRIAN DETOUR IS NON-COMPLIANT TO TPAR STANDARDS.
  - ⑤ TYPICAL SIGN MESSAGE FOR A TEMPORARY PEDESTRIAN DETOUR SHALL INCLUDE INFORMATION SUCH AS THE DURATION OF THE WALKWAY RESTRICTIONS (BEGINNING AND/OR END DATES) AND A PROJECT CONTACT NUMBER FOR 24 / 7 QUESTIONS OR REPORTING HAZARDS.
  - ⑥ SEE MMUTCD FOR GUIDANCE ON PLACEMENT AND USAGE OF BARRIER.

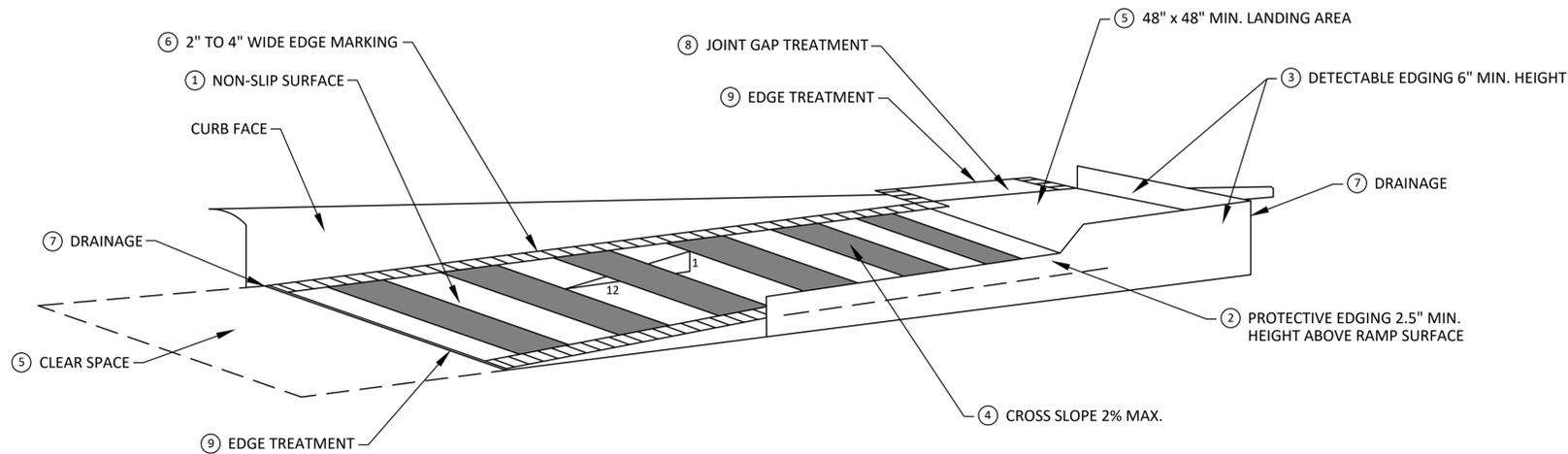
- LEGEND**
- SIGN
  - ▨ EXISTING PEDESTRIAN SURFACE
  - ▩ WORK AREA
  - ▧ PEDESTRIAN CHANNELIZATION DEVICE
  - BARRIER
  - ] SIDEWALK BARRICADE
  - DIRECTION OF TRAFFIC
  - TRAFFIC CONTROL DEVICE

REV.	DESCRIPTION	DATE	DRAWN	CHECKED

**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
**2026 SIDEWALK GAP ELIMINATION PROJECT**  
 SCALE: NTS  
 DRAWING No. 2026-007-5  
 SHEET No. 5 OF 44  
 PEDESTRIAN DETAILS 2

CITY OF ANN ARBOR  
 PUBLIC SERVICES  
 301 EAST HURON STREET  
 ANN ARBOR, MI 48106-1667  
 ANN ARBOR, MI 734-794-6410  
 www.a2gov.org

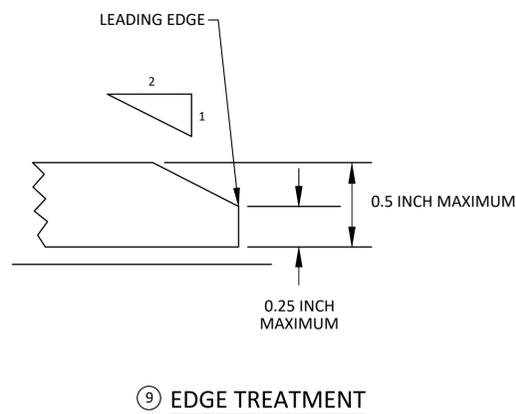
C:\pwork\mflanagon\1544838\CDT-PLTS-PedestrianDetails.dwg Dwg Created: 10-Sep-25 - \_a2 standard bw.sib - Plot Date: 4-Feb-26



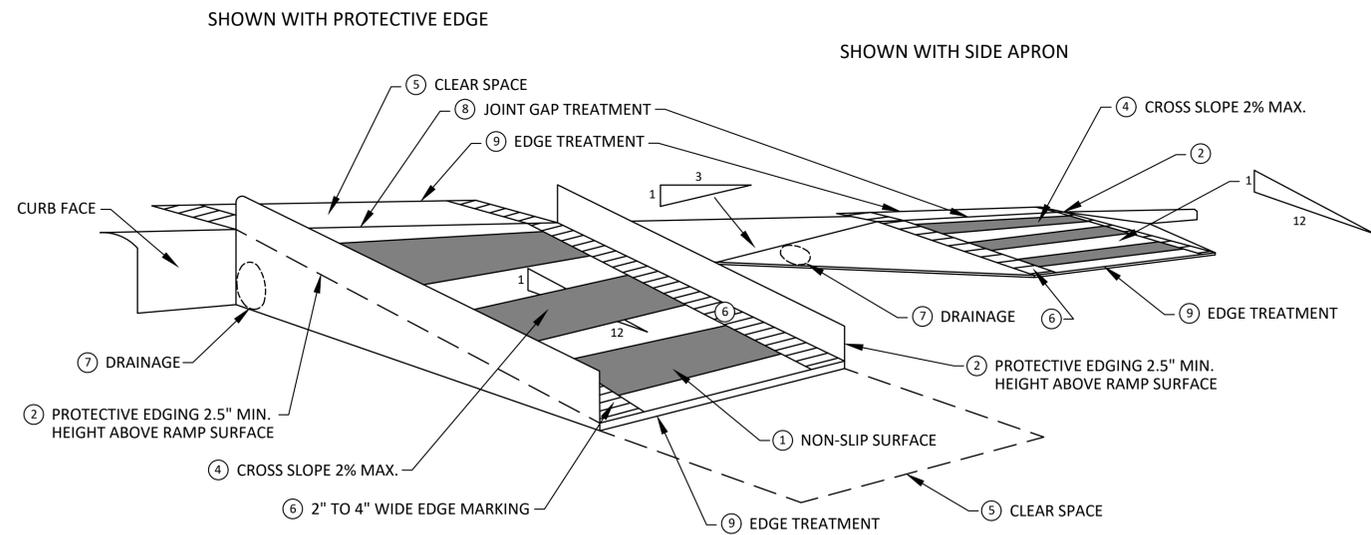
**TEMPORARY CURB RAMP  
PARALLEL TO CURB**

**SPECIFIC NOTES**

- 1 CURB RAMP SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE. PROTECTIVE EDGING WITH A 2.5" MIN. HEIGHT ABOVE THE RAMP SHALL BE PLACED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3. PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMP OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.
- 2 DETECTABLE EDGING ANYTIME A HANDRAIL IS REQUIRED, AND ANYTIME THE PATH CHANGES DIRECTION. THIS INCLUDES A TURN ONTO THE RAMP FROM THE PATH. DETECTABLE EDGING MUST BEGIN A MAXIMUM OF 2.5" ABOVE THE RAMP SURFACE, AND EXTEND AT LEAST 6" ABOVE THE RAMP SURFACE. CONTRASTING COLOR SHALL BE PLACED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
- 3 CURB RAMP AND LANDINGS SHALL HAVE A 2% MAX. CROSS SLOPE.
- 4 CLEAR SPACE OF 48" x 48" MIN. SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.
- 5 THE CURB RAMP WALKWAY EDGE SHALL BE MARKED WITH A CONTRASTING COLOR, 2" TO 4" WIDE MARKING. THE MARKING IS OPTIONAL WHERE COLOR CONTRASTING EDGING IS USED.
- 6 WATER FLOW IN THE GUTTER SYSTEM SHALL NOT BE IMPEDED.
- 7 LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN 1/2" WIDTH.
- 8 CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED 1/2". LATERAL EDGES SHOULD BE VERTICAL UP TO 1/4" HIGH, AND BEVELED AT 1:2 BETWEEN 1/4" AND 1/2" HEIGHT.



**9 EDGE TREATMENT**



**TEMPORARY CURB RAMP  
PERPENDICULAR TO CURB**



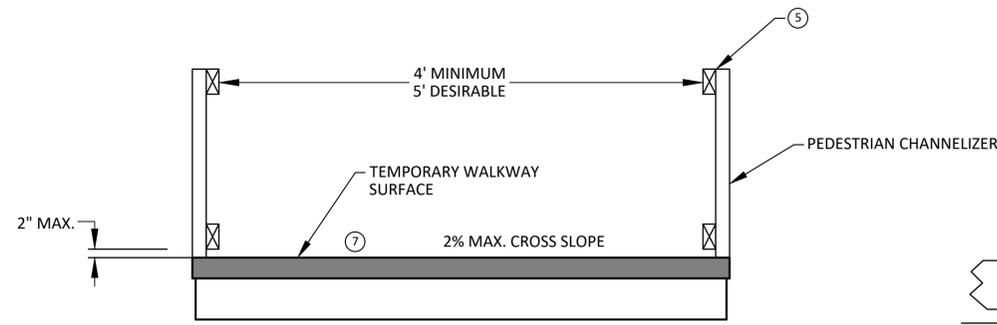
REV.	DESCRIPTION	DATE	DRAWN	CHECKED

CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST HURON STREET  
ANN ARBOR, MI 48106-0647  
www.a2gov.org

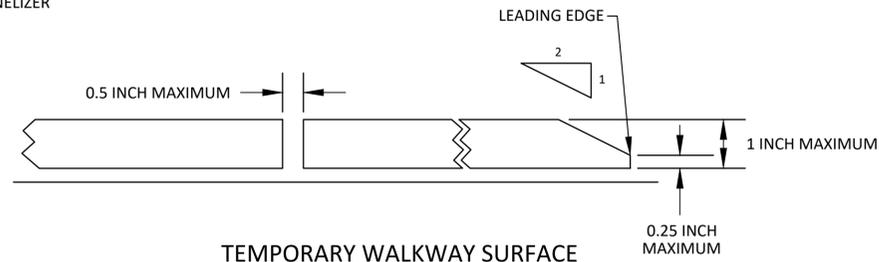


CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING  
2026 SIDEWALK GAP ELIMINATION PROJECT  
SCALE: NTS  
DRAWING No. 2026-007-6  
PEDESTRIAN DETAILS 3

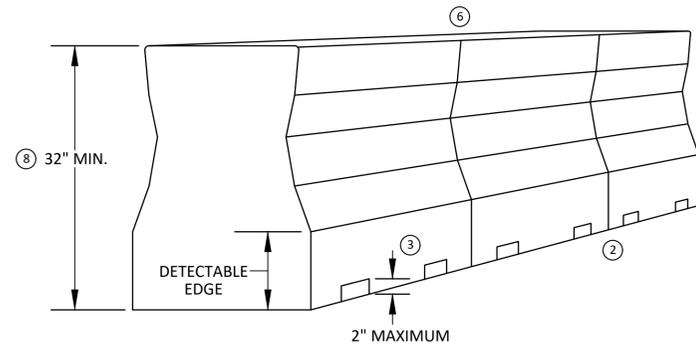
C:\pwork\mflanagan\01544838\CDT-PLTS-PedestrianDetails.dwg Dwg Created: 10-Sep-25 - \_a2 standard bw.stb - Plot Date: 4-Feb-26



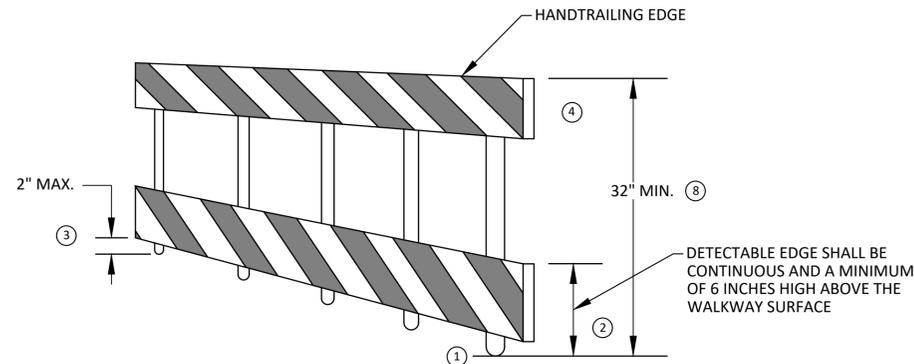
TEMPORARY PEDESTRIAN ACCESS



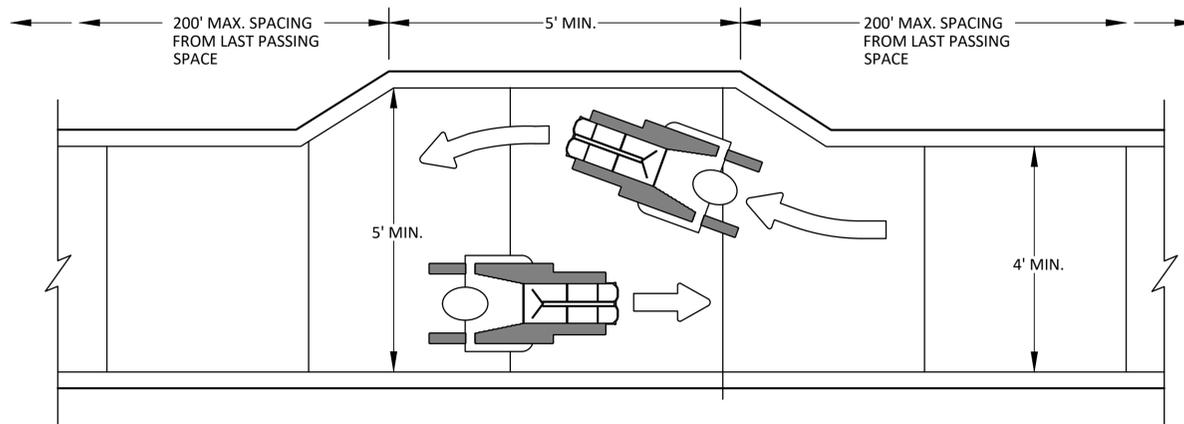
TEMPORARY WALKWAY SURFACE



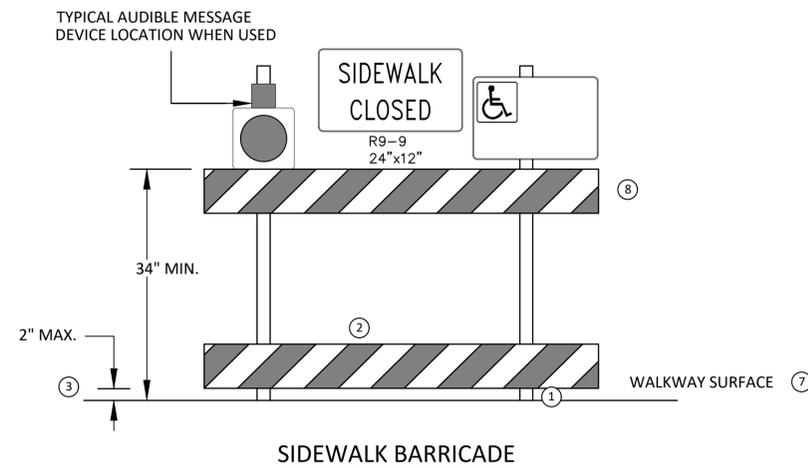
PEDESTRIAN CHANNELIZER USING A BARRIER  
(MINIMUM REQUIREMENTS)



PEDESTRIAN CHANNELIZER  
(MINIMUM REQUIREMENTS)



NARROW TEMPORARY PEDESTRIAN ACCESS ROUTE PASSING DETAIL



SIDEWALK BARRICADE

GENERAL NOTES

RAILINGS OR OTHER OBJECTS MAY PROTRUDE A MAXIMUM OF 4 INCHES INTO THE WALKWAY CLEAR SPACE WHEN LOCATED A MINIMUM OF 27 INCHES ABOVE THE WALKWAY SURFACE.  
 ANY PEDESTRIAN DEVICES USED TO PROVIDE POSITIVE PROTECTION FOR PEDESTRIANS OR WORKERS SHALL MEET NCHRP 350 CRASHWORTHY REQUIREMENTS APPROPRIATE FOR THE BARRIER'S APPLICATION.  
 BARRICADES SHALL BE PLACED CONTINUOUSLY ACROSS THE ENTIRE WIDTH OF THE WALKWAY SURFACE BEING CLOSED.

SPECIFIC NOTES

- 1 ANY TRIPPING HAZARD IN THE WALKWAY NEEDS A DETECTABLE EDGE. BALLAST SHALL BE LOCATED BEHIND OR INTERNAL TO THE DEVICE. ANY SUPPORT ON THE FRONT OF THE DEVICE SHALL NOT EXTEND INTO THE 48 INCH MINIMUM WALKWAY CLEAR SPACE AND SHALL NOT EXCEED 0.5 INCHES IN HEIGHT ABOVE THE WALKWAY SURFACE.
- 2 DETECTABLE EDGES SHALL BE CONTINUOUS AND A MINIMUM OF 6 INCHES IN HEIGHT ABOVE WALKWAY SURFACE AND HAVE COLOR MARKINGS CONTRASTING WITH THE WALKWAY SURFACE.
- 3 DEVICES SHALL NOT BLOCK WATER DRAINAGE FROM THE WALKWAY. A GAP HEIGHT OR OPENING FROM THE WALKWAY SURFACE UP TO A MAXIMUM OF 2 INCHES IS ALLOWED FOR DRAINAGE PURPOSES.
- 4 PROVIDE A HANDRAIL ON BOTH SIDES OF THE RAMP IF THE RAMP IS NOT EXPOSED TO VEHICLE TRAFFIC AND HAS A TOTAL RISE GREATER THAN 6 INCHES, AND A LENGTH GREATER THAN 72 INCHES.  
 - ENSURE THE HANDRAIL IS 1.25 AND 1.5 INCHES WIDE AND CONFIGURED TO BE A "GRASPABLE" CROSS-SECTION.  
 WHEN THE RAMP IS EXPOSED TO TRAFFIC, IN LIEU OF HANDRAILS, USE A PROTECTIVE EDGE 2.5 INCHES MINIMUM HEIGHT ABOVE THE RAMP SURFACE OR 1:10 FLARE ON BOTH SIDES OF THE RAMP.
- 5 ALL DEVICES SHALL BE FREE OF SHARP OR ROUGH EDGES, AND FASTENERS (BOLTS) SHALL BE ROUNDED TO PREVENT HARM TO HANDS, ARMS OR CLOTHING OF PEDESTRIANS.
- 6 ALL DEVICES USED TO CHANNELIZE PEDESTRIAN FLOW SHOULD INTERLOCK SUCH THAT GAPS DO NOT ALLOW PEDESTRIANS TO STRAY FROM THE INTENDED CHANNELIZED PATH.
- 7 A WALKWAY SURFACE SHALL BE FIRM, STABLE, AND SLIP RESISTANT. COMPACTED GRAVEL, AGGREGATE, OR SLAG MATERIALS ARE NOT ALLOWED.
- 8 LONGITUDINAL CHANNELIZING DEVICES FOR PEDESTRIANS SHALL BE 32 INCHES IN HEIGHT OR GREATER.



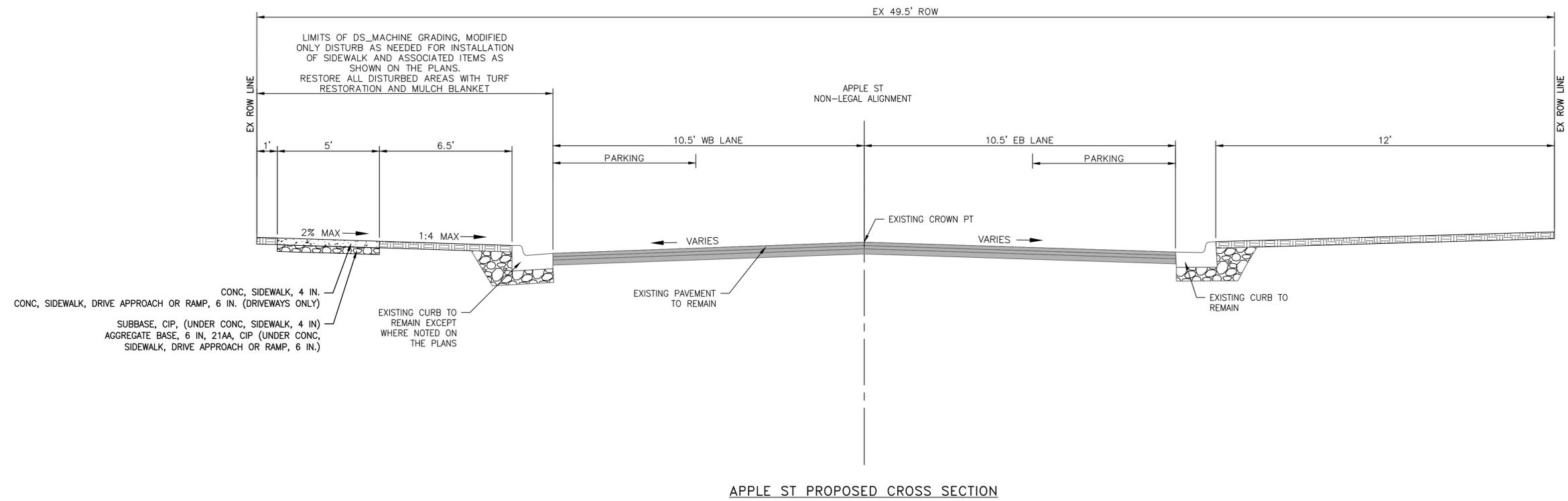
REV.	DESCRIPTION	DATE	DRAWN	CHECKED

CITY OF ANN ARBOR  
 PUBLIC SERVICES  
 301 EAST HURON STREET  
 ANN ARBOR, MI 48106-0647  
 www.a2gov.org



CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING  
 2026 SIDEWALK GAP ELIMINATION PROJECT  
 PEDESTRIAN DETAILS 4

SCALE: NTS  
 DRAWING No. 2026-007-7



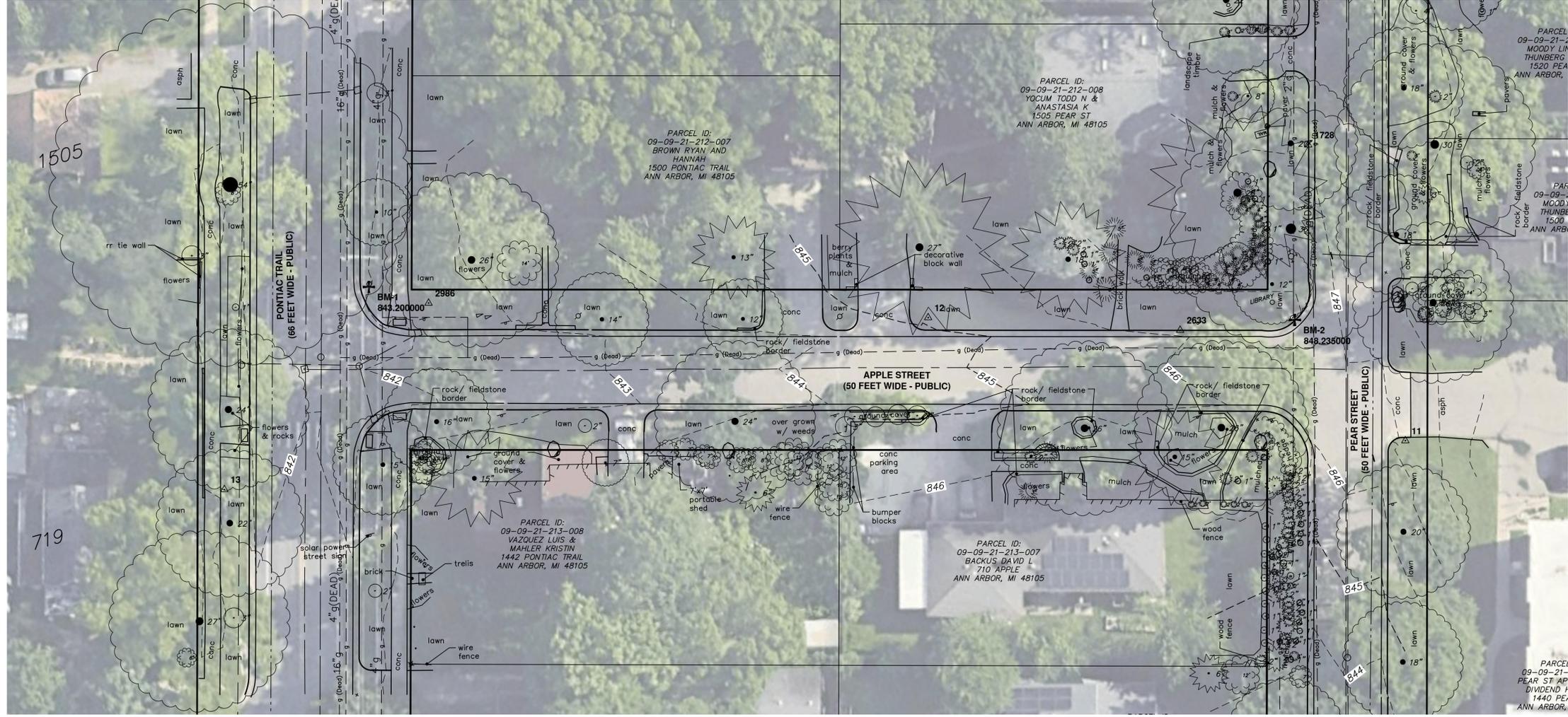
REV.	DESCRIPTION	DATE	DRAWN	CHECKED

CITY OF ANN ARBOR  
 PUBLIC SERVICES  
 301 EAST HURON STREET  
 ANN ARBOR, MI 48106-1067  
 734.794.4410  
 www.a2gov.org



CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING  
 2026 SIDEWALK GAP ELIMINATION PROJECT  
 APPLE STREET - TYPICALS

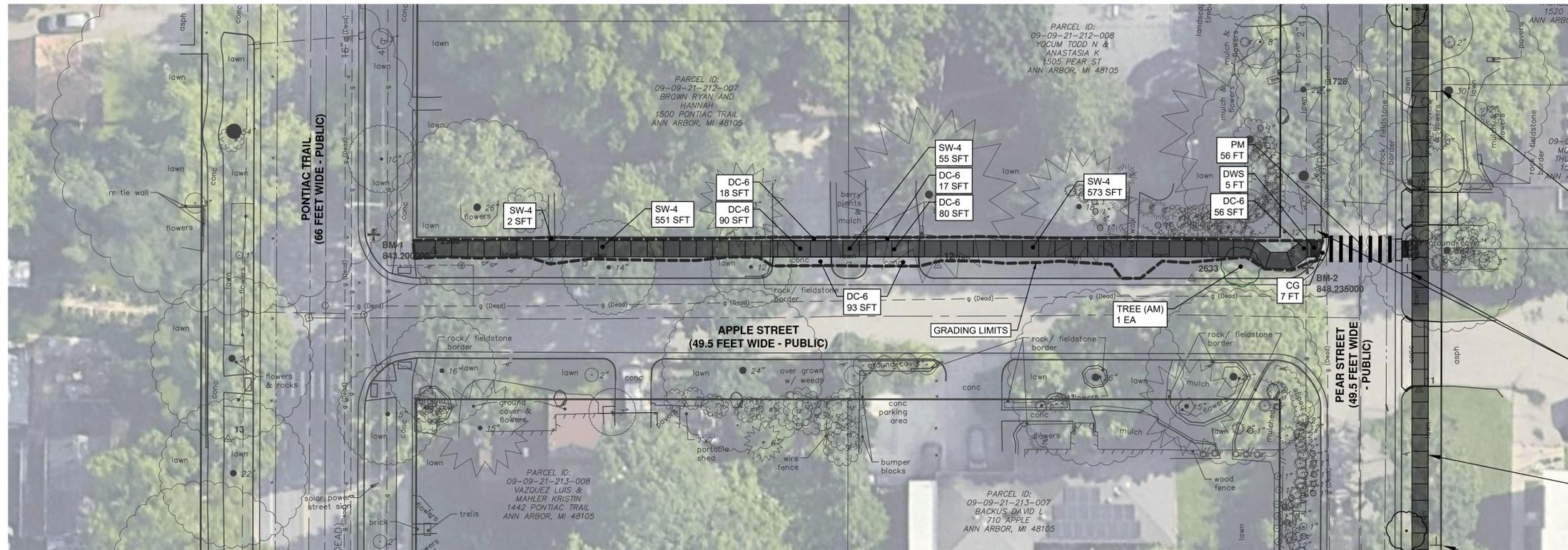
SCALE : 1" = 3'  
 DRAWING No. 2026-007-8



REV.	DESCRIPTION	DATE	DRAWN	CHECKED



C:\pwork\mflanagon\1544838\CSP-PLTS-Apple SW.dwg Dwg Created: 30-Jan-26 --\_a2 standard bw.stb -- Plot Date: 4-Feb-26



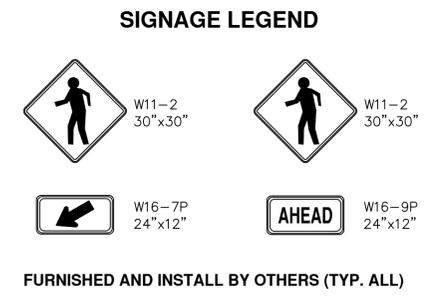
MIN 100' ADVANCE OF CROSSWALK  
W11-2  
W16-9P  
INSTALLED BY OTHERS

AT CROSSWALK  
W11-2  
W16-7P  
INSTALLED BY OTHERS

PROPOSED PEAR SIDEWALK  
SEE SHEET 20

MIN 100' ADVANCE OF CROSSWALK  
W11-2  
W16-9P  
INSTALLED BY OTHERS

CONSTRUCTION KEY	
KEY	DESCRIPTION
CG	CONC. CURB OR CURB & GUTTER, ALL TYPES
DWS	DETECTABLE WARNING SURFACE
CG-M	CONC. DRIVEWAY OPENING, TYPE M
DC-6	CONC. SIDEWALK, DRIVE APPROACH, OR RAMP, 6 IN.
TREE	TREE, MEDIUM, B&B
PM	PAVT MRKG, POLYUREA, 12 INCH, CROSSWALK
SW-4	CONC. SIDEWALK, 4 IN.



TREE PLANTING SCHEDULE, THIS SHEET					
CODE	BOTANIC NAME	COMMON NAME	SIZE	CONDITION	QUANTITY
AM	<i>Acer miyabei</i>	Miyabei Maple	2" Cal.	B&B	1

Know what's below.  
Call before you dig.

REV.	DESCRIPTION	DATE	DRAWN	CHECKED

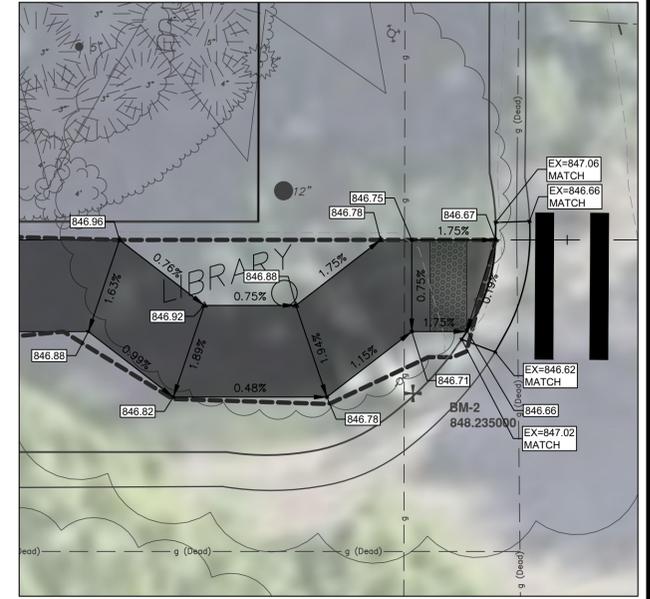
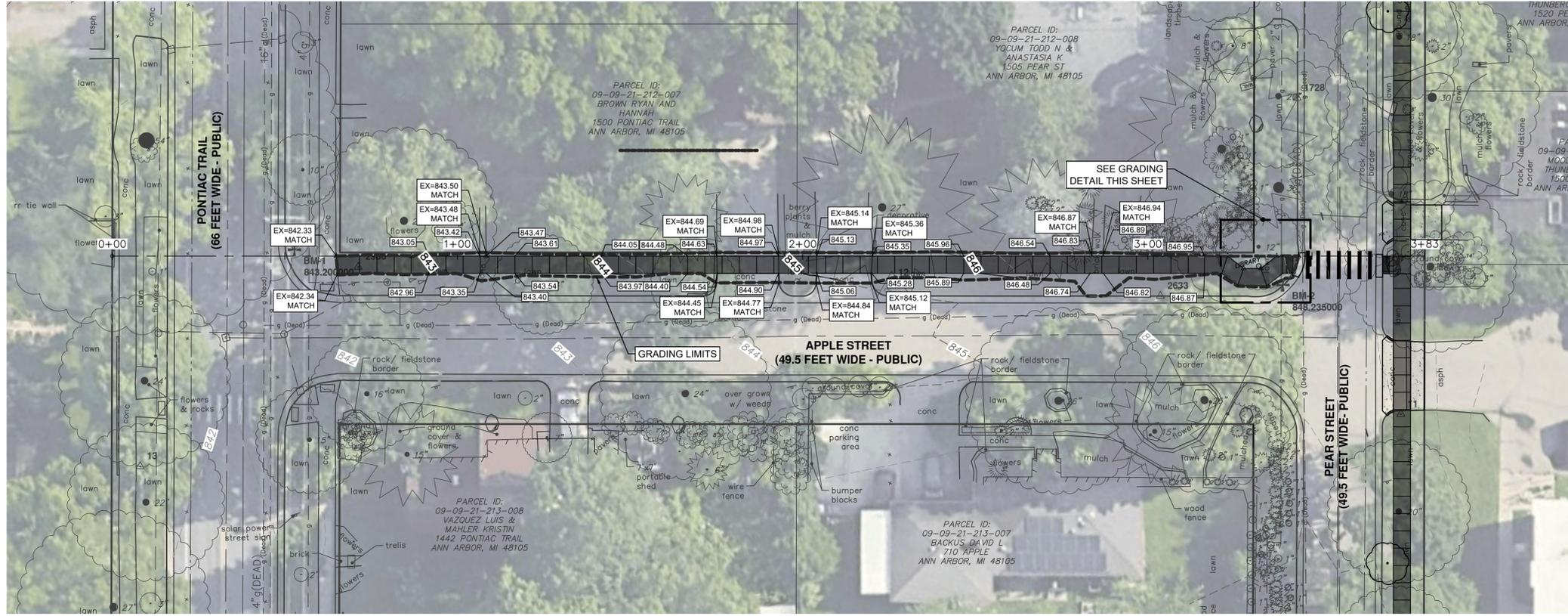
**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
**2026 SIDEWALK GAP ELIMINATION PROJECT**  
**APPLE STREET - SITE PLAN**

SHEET No. 11 OF 44

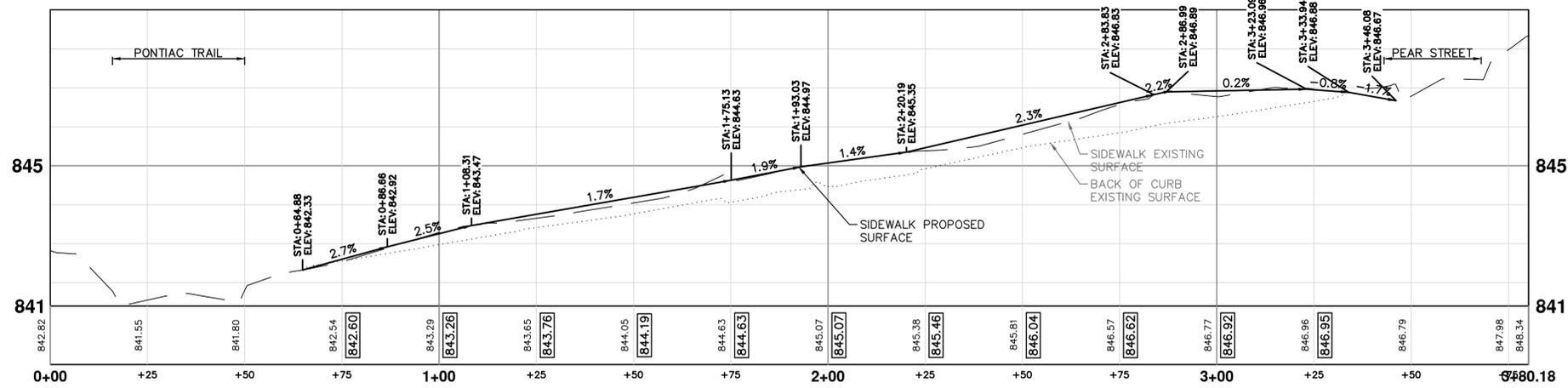
SCALE: 1" = 20'

DRAWING No. 2026-007-11

CITY OF ANN ARBOR  
 PUBLIC SERVICES  
 301 EAST HURON STREET  
 ANN ARBOR, MI 48106-1667  
 www.a2gov.org



GRADING DETAIL  
SCALE: 1"=5'



**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**

**2026 SIDEWALK GAP ELIMINATION PROJECT**

SCALE: HORZ 1" = 20' VERT 1" = 2'

DRAWING No. **2026-007-12**

SHEET No. **12 OF 44**

**APPLE STREET - GRADING PLAN**

DESCRIPTION

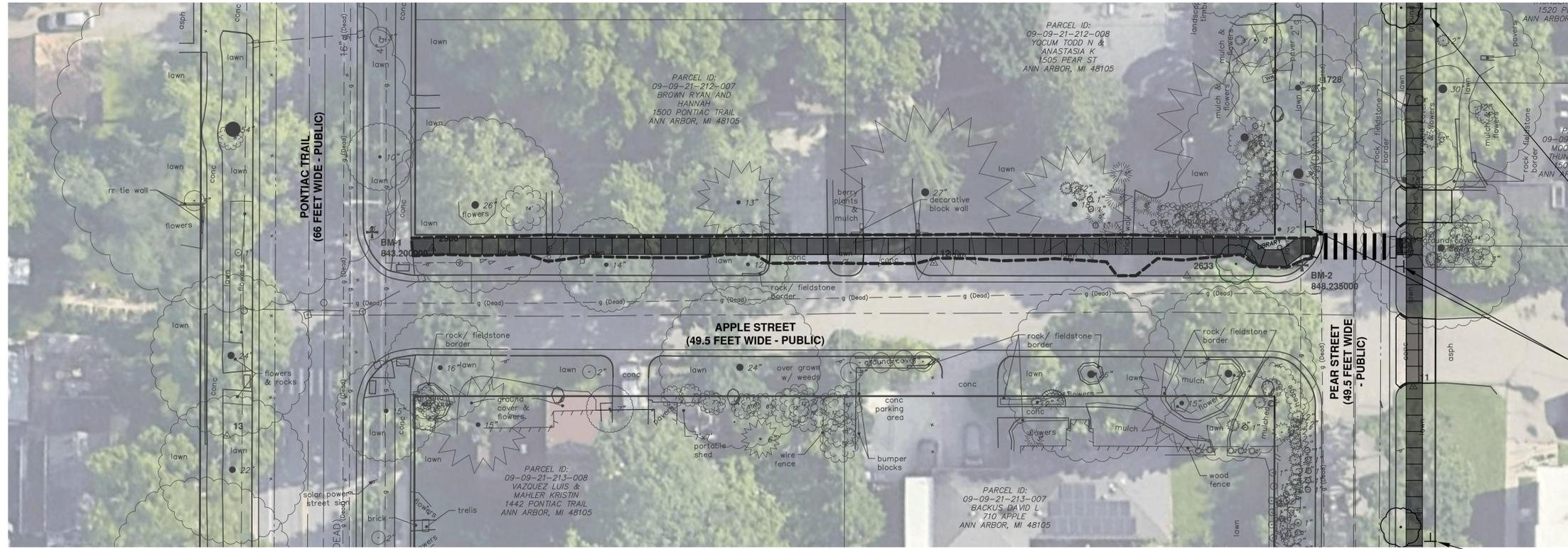
DATE

DRAWN

CHECKED

**811**  
Know what's below.  
Call Before you dig.

**CITY OF ANN ARBOR**  
PUBLIC SERVICES  
301 EAST HURON STREET  
ANN ARBOR, MI 48106-1647  
www.a2gov.org

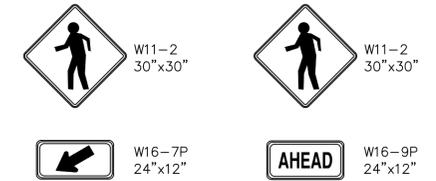


MIN 100' ADVANCE OF CROSSWALK  
W11-2  
W16-7P  
INSTALLED BY OTHERS

AT CROSSWALK  
W11-2  
W16-7P  
INSTALLED BY OTHERS

MIN 100' ADVANCE OF CROSSWALK  
W11-2  
W16-9P  
INSTALLED BY OTHERS

**SIGNAGE LEGEND**



FURNISHED AND INSTALL BY OTHERS (TYP. ALL)

**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**

**2026 SIDEWALK GAP ELIMINATION PROJECT**

SCALE: 1" = 20'

DRAWING No. **2026-007-13**

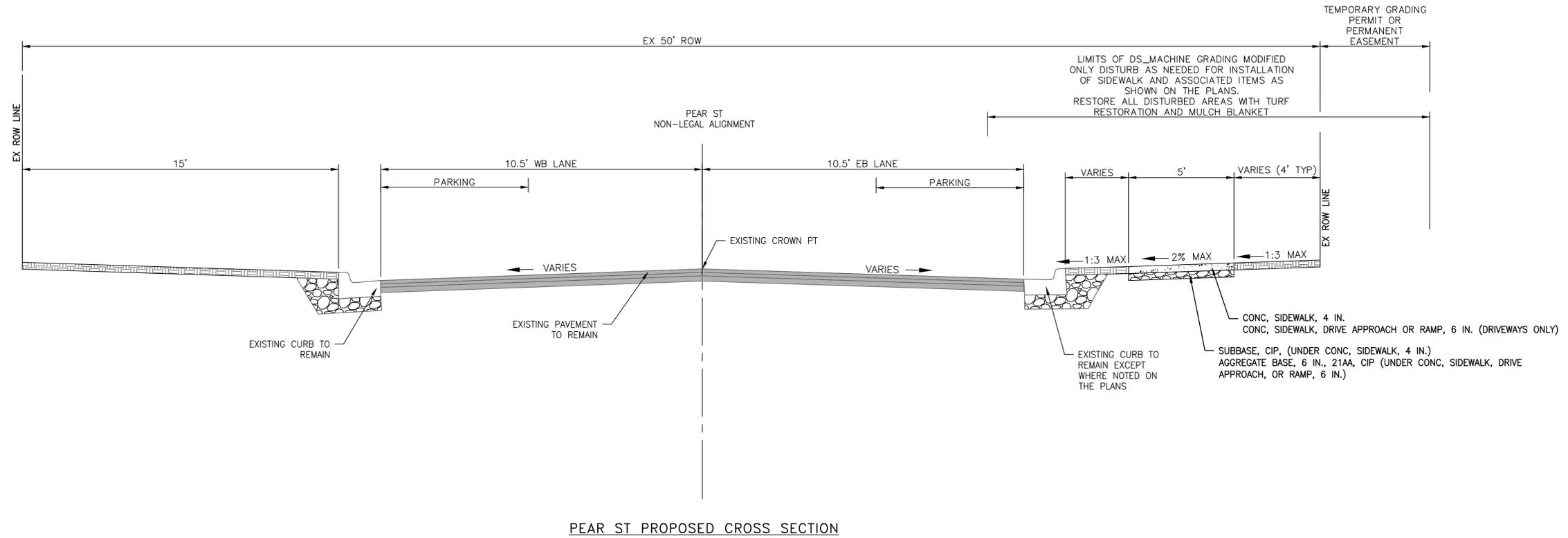
SHEET No. **13 OF 44**

**APPLE STREET - SIGNAGE PLAN**

CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST HURON STREET  
ANN ARBOR, MI 48106-1667  
www.aagov.org

811  
Know what's below.  
Call before you dig.

REV.	DESCRIPTION	DATE	DRAWN	CHECKED



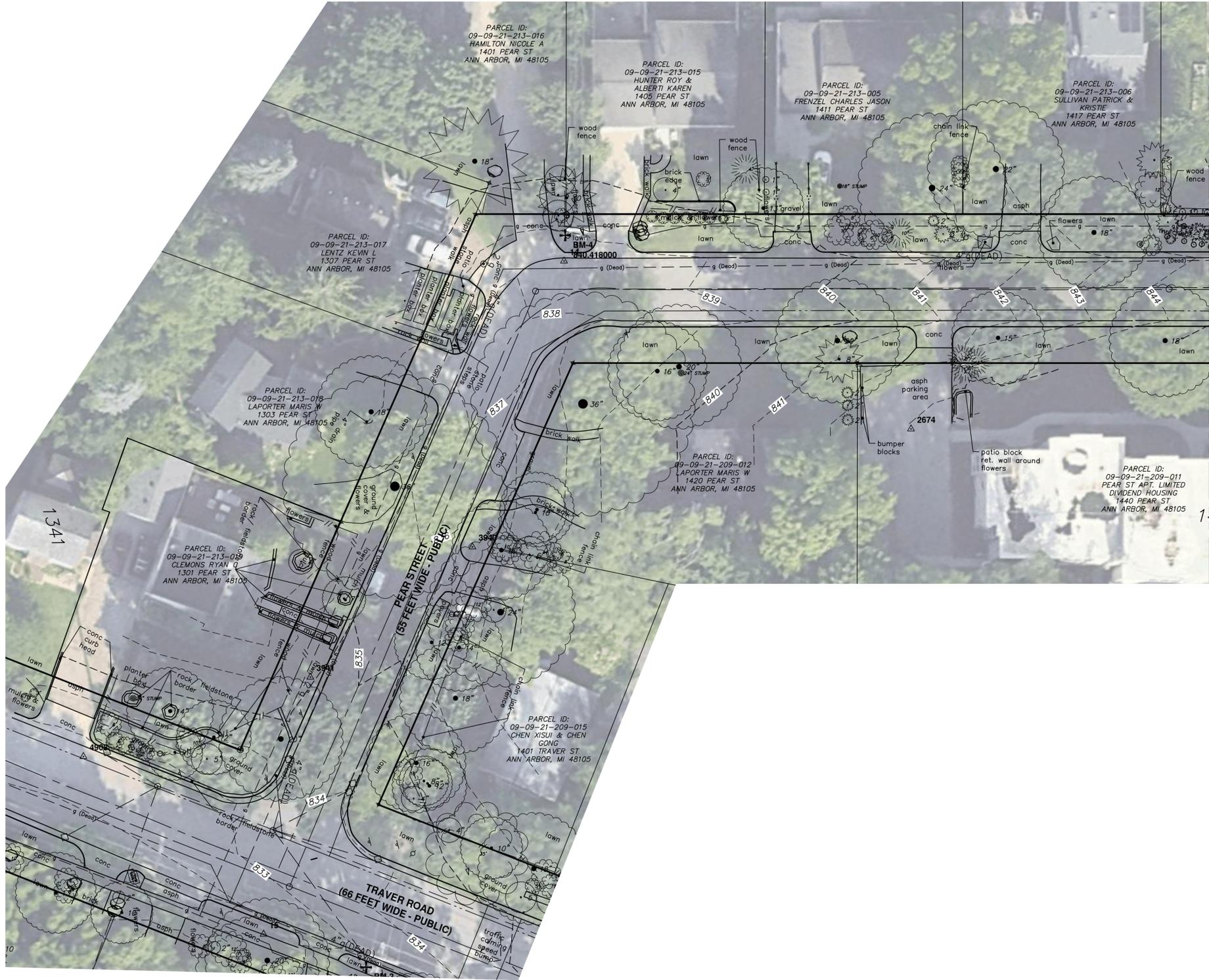
REV.	DESCRIPTION	DATE	DRAWN	CHECKED

CITY OF ANN ARBOR  
 PUBLIC SERVICES  
 301 EAST HURON STREET  
 ANN ARBOR, MI 48106-1667  
 ANN ARBOR, MI 734/794-6410  
 www.aagov.org



CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING  
 2026 SIDEWALK GAP ELIMINATION PROJECT  
 PEAR STREET - TYPICALS

SCALE: 1" = 3'  
 DRAWING No. 2026-007-14



MATCH LINE  
SEE SHEET 16



CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST HURON STREET  
ANN ARBOR, MI 48106-0647  
www.a2gov.org



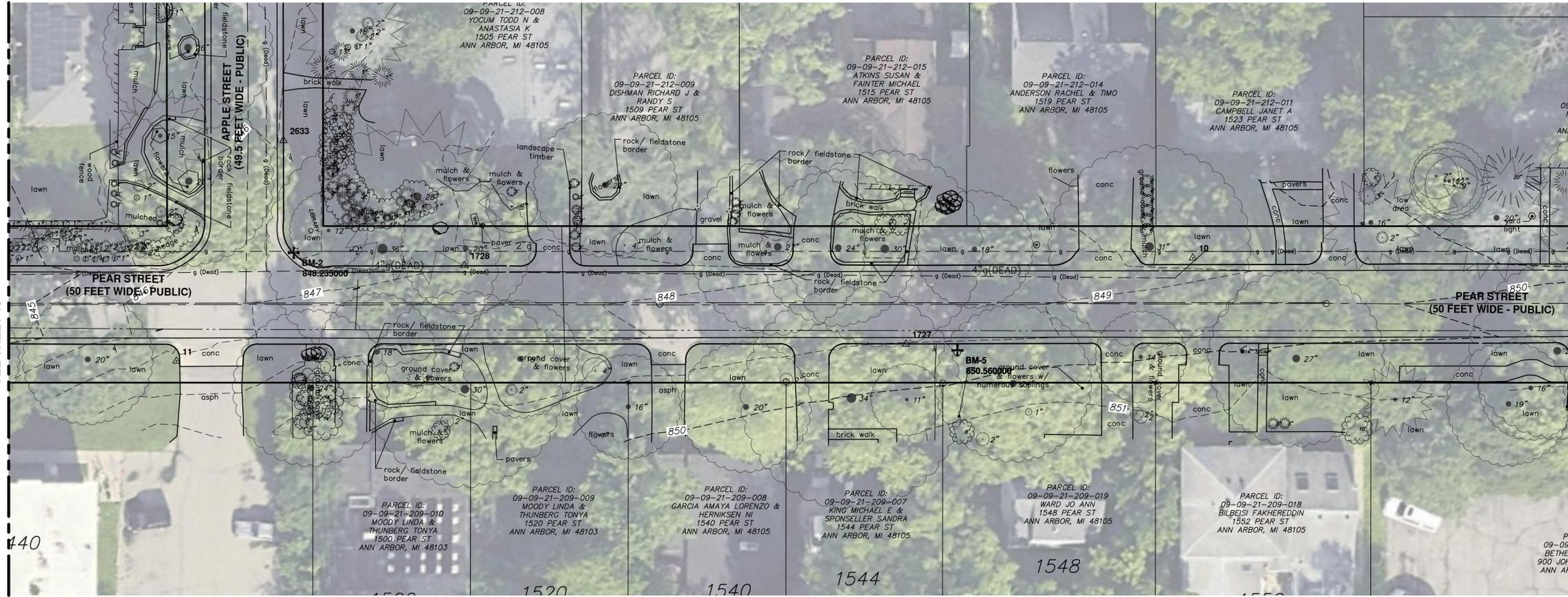
CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING  
2026 SIDEWALK GAP ELIMINATION PROJECT

PEAR STREET - EXISTING CONDITIONS

SCALE: #####  
DRAWING No. 2026-007-15

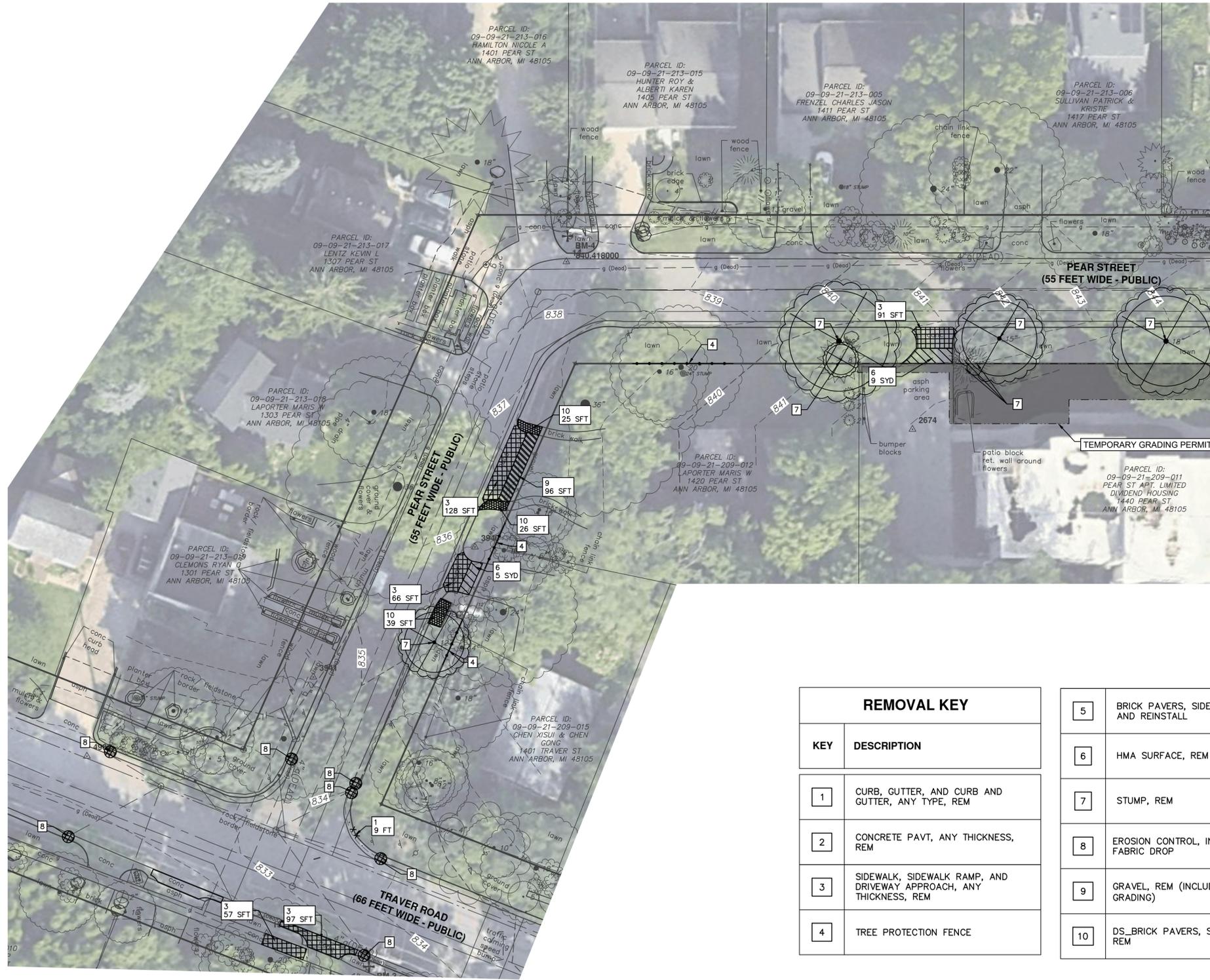
REV.	DESCRIPTION	DATE	DRAWN	CHECKED

MATCH LINE  
SEE SHEET 15



REV.	DESCRIPTION	DATE	DRAWN	CHECKED





MATCH LINE STA 4+00  
SEE SHEET 18



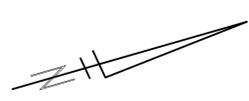
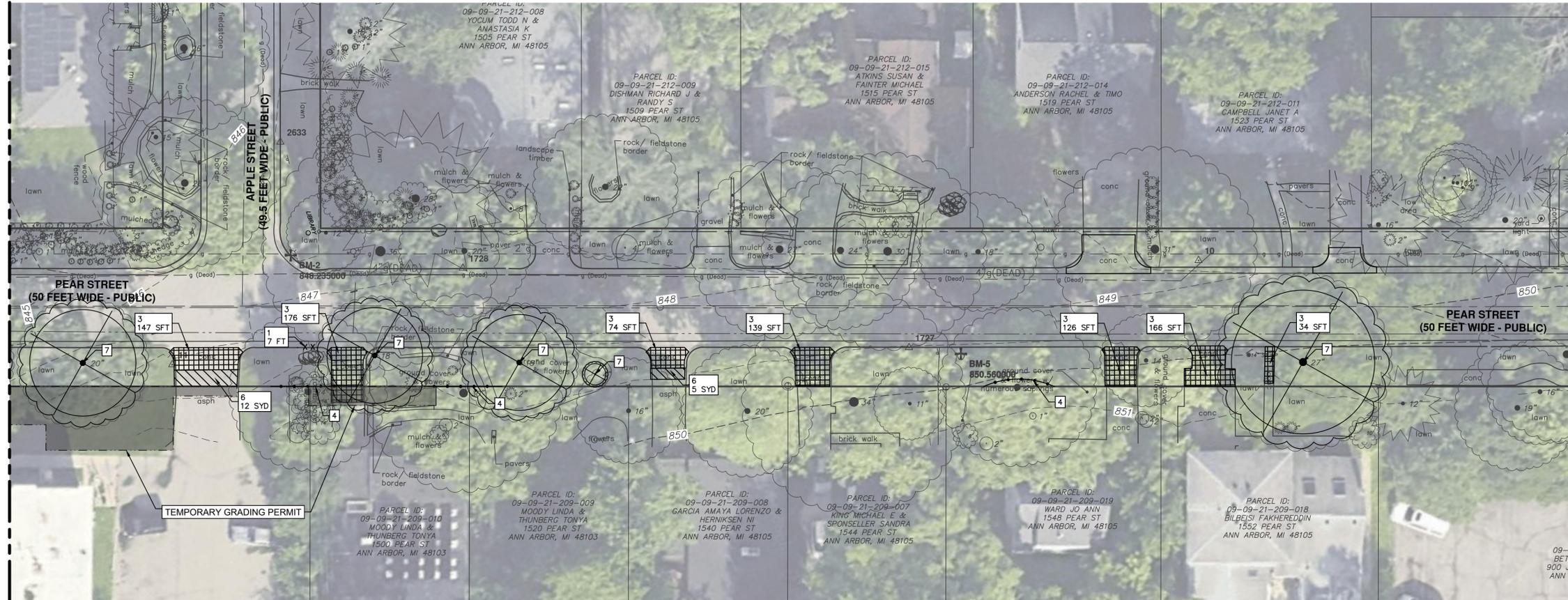
REMOVAL KEY	
KEY	DESCRIPTION
1	CURB, GUTTER, AND CURB AND GUTTER, ANY TYPE, REM
2	CONCRETE PAVT, ANY THICKNESS, REM
3	SIDEWALK, SIDEWALK RAMP, AND DRIVEWAY APPROACH, ANY THICKNESS, REM
4	TREE PROTECTION FENCE

5	BRICK PAVERS, SIDEWALK, REM AND REINSTALL
6	HMA SURFACE, REM
7	STUMP, REM
8	EROSION CONTROL, INLET PROTECTION, FABRIC DROP
9	GRAVEL, REM (INCLUDED IN MACHINE GRADING)
10	DS_BRICK PAVERS, SIDEWALK, REM



REV.	DESCRIPTION	DATE	DRAWN	CHECKED

MATCH LINE STA 4+00  
SEE SHEET 17

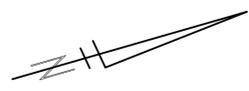


REMOVAL KEY	
KEY	DESCRIPTION
1	CURB, GUTTER, AND CURB AND GUTTER, ANY TYPE, REM
2	CONCRETE PAVT, ANY THICKNESS, REM
3	SIDEWALK, SIDEWALK RAMP, AND DRIVEWAY APPROACH, ANY THICKNESS, REM
4	TREE PROTECTION FENCE

5	BRICK PAVERS, SIDEWALK, REM AND REINSTALL
6	HMA SURFACE, REM
7	STUMP, REM
8	EROSION CONTROL, INLET PROTECTION, FABRIC DROP
9	GRAVEL, REM (INCLUDED IN MACHINE GRADING)



MATCH LINE STA 4+50  
SEE SHEET 20



CONSTRUCTION KEY	
KEY	DESCRIPTION
[HMA]	HMA, 13A
[CG]	CONC, CURB OR CURB & GUTTER, ALL TYPES
[DWS]	DETECTABLE WARNING SURFACE
[CG-M]	CONC, DRIVEWAY OPENING, TYPE M
[DC-6]	CONC, SIDEWALK, DRIVE APPROACH, OR RAMP, 6 IN.
[TREE]	TREE, MEDIUM, B&B
[PM]	PAVT MRKG, POLYUREA, 12 INCH, CROSSWALK
[SW-4]	CONC, SIDEWALK, 4 IN
[DO-M]	CONC, DRIVEWAY OPENING, TYPE M

TREE PLANTING SCHEDULE, THIS SHEET					
CODE	BOTANIC NAME	COMMON NAME	SIZE	CONDITION	QUANTITY
AM	<i>Acer miyabei</i>	Miyabei Maple	2" Cal.	B&B	1
OV	<i>Ostrya virginiana</i>	American Hophornbeam	2.5" Cal.	B&B	2

**811**  
Know what's below.  
Call Before you dig.

CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST HURON STREET  
ANN ARBOR, MI 48106-1667  
www.a2gov.org

---

**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**

2026 SIDEWALK GAP ELIMINATION PROJECT

PEAR STREET - SITE PLAN STA 0+00 TO 4+00

SCALE: 1"=20'

DRAWING No. 2026-007-19

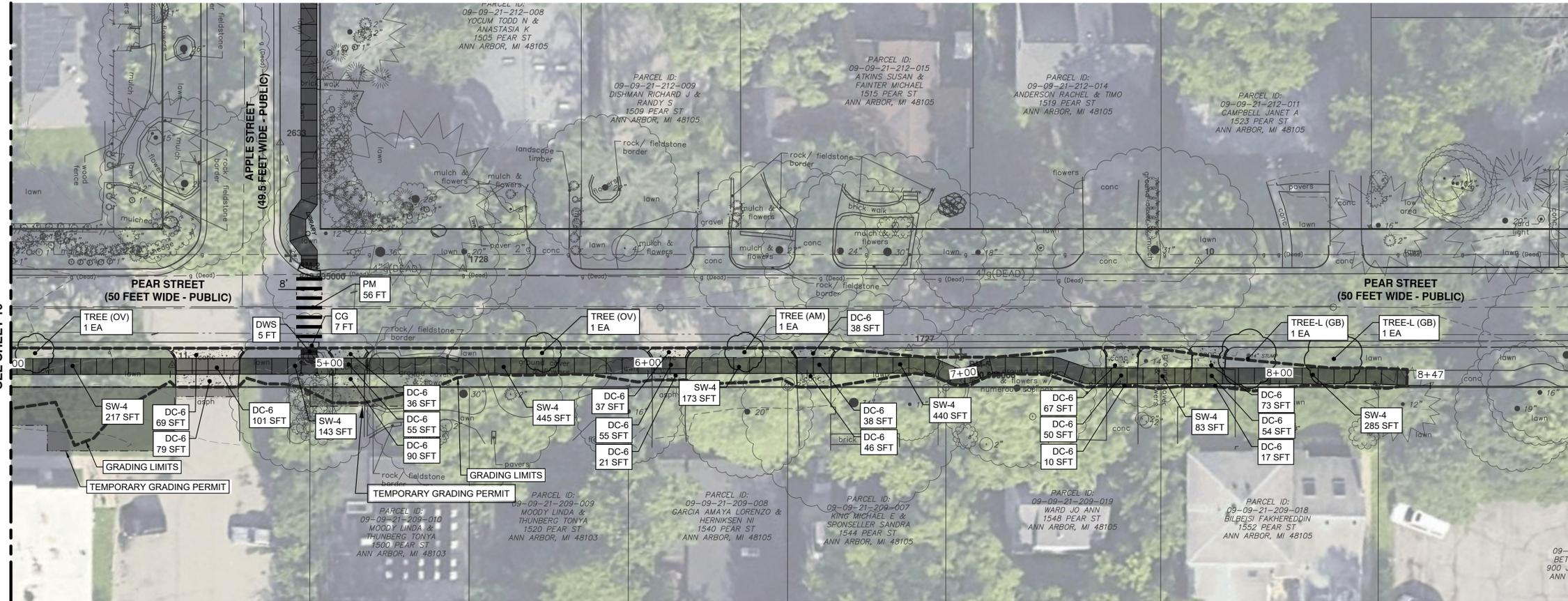
SHEET No. 19 OF 44

---

REV.	DESCRIPTION	DATE	DRAWN	CHECKED



MATCH LINE STA 4+50  
SEE SHEET 19



CONSTRUCTION KEY	
KEY	DESCRIPTION
HMA	HMA, 13A
CG	CONC. CURB OR CURB & GUTTER, ALL TYPES
DWS	DETECTABLE WARNING SURFACE
CG-M	CONC. DRIVEWAY OPENING, TYPE M
DC-6	CONC. SIDEWALK, DRIVE APPROACH, OR RAMP, 6 IN.
TREE	TREE, MEDIUM, B&B
TREE-L	TREE, LARGE, B&B
PM	PAVT MRKG, POLYUREA, 12 INCH, CROSSWALK
SW-4	CONC. SIDEWALK, 4 IN

TREE PLANTING SCHEDULE, THIS SHEET					
CODE	BOTANIC NAME	COMMON NAME	SIZE	CONDITION	QUANTITY
AM	<i>Acer miyabei</i>	Miyabei Maple	2" Cal.	B&B	1
GB	<i>Ginkgo biloba</i>	Ginkgo	2.5" Cal.	B&B	2
OV	<i>Ostrya virginiana</i>	American Hophornbeam	2.5" Cal.	B&B	2

REV.	DESCRIPTION	DATE	DRAWN	CHECKED

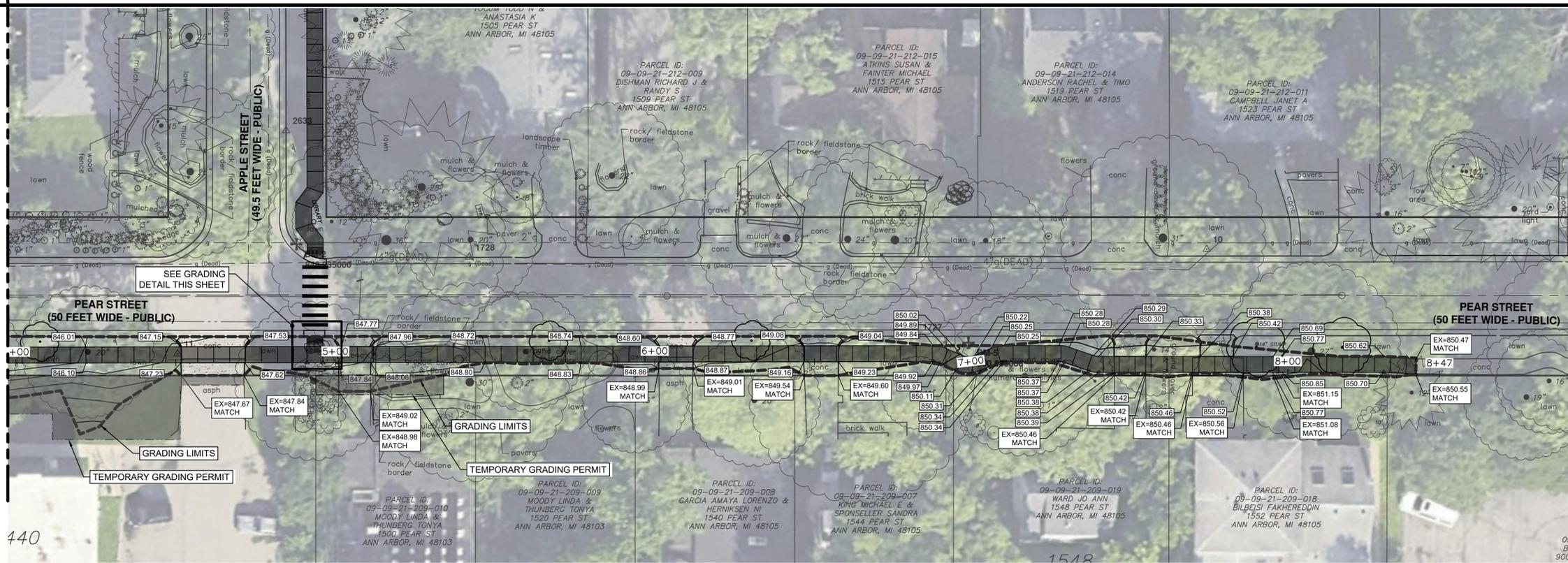
CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST HURON STREET  
ANN ARBOR, MI 48106-1667  
www.a2gov.org

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING  
2026 SIDEWALK GAP ELIMINATION PROJECT  
PEAR STREET - SITE PLAN STA 4+00 TO STA 8+47  
DRAWING No. 2026-007-20  
SHEET No. 20 OF 44

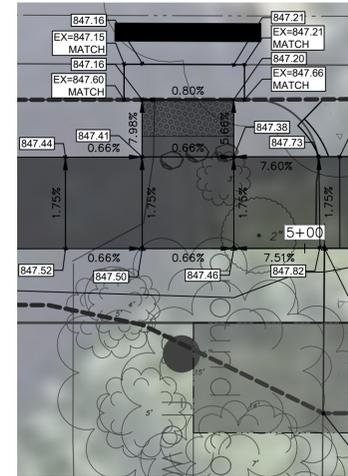
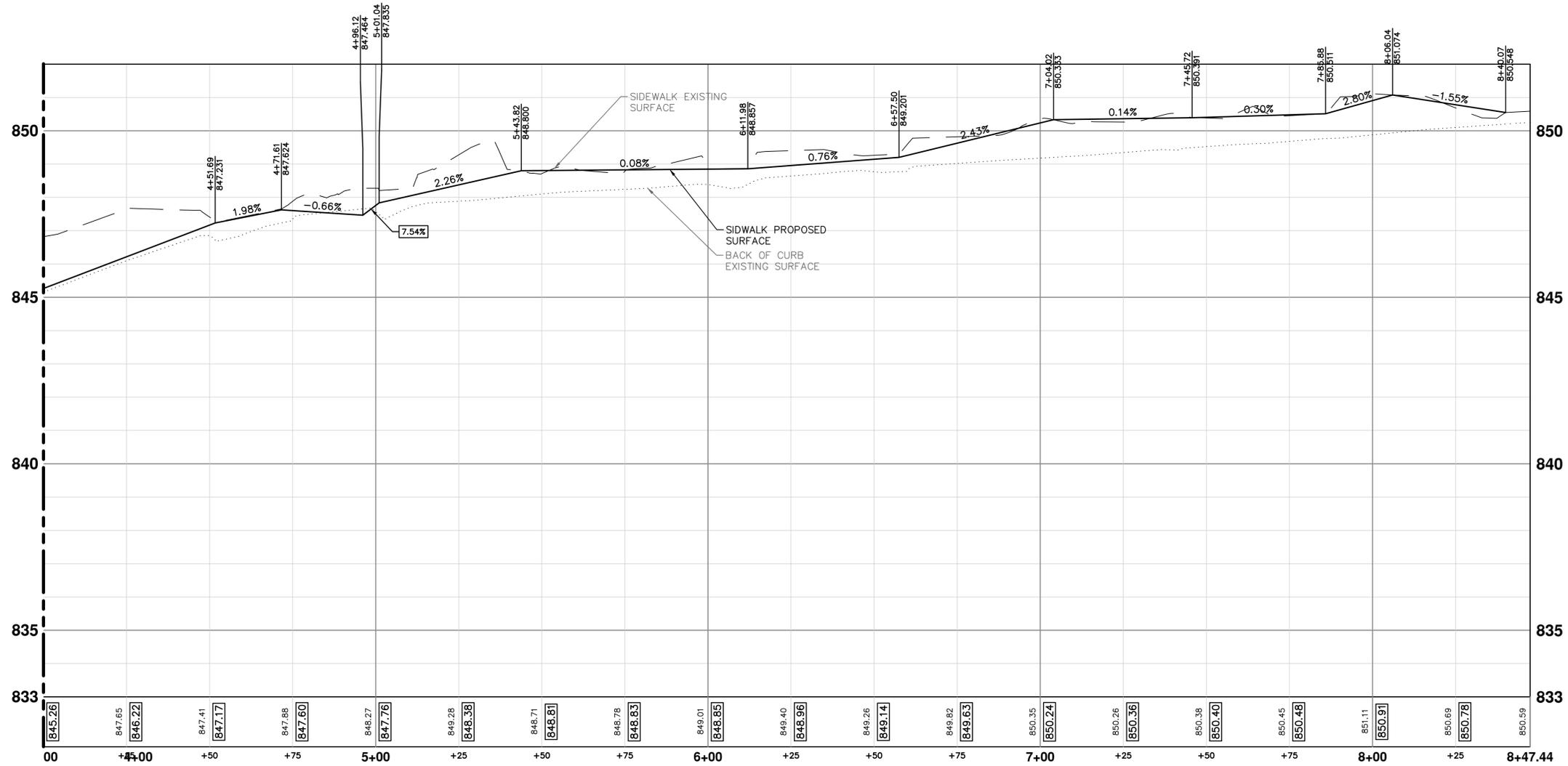


C:\pwork\work\mflnagon\01544838\CGP-PLTS-Pear Grading.dwg Dwg Created: 5-Dec-25 - \_o2\_standard bw.stb - Plot Date: 4-Feb-26

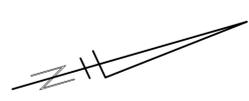
MATCH LINE STA 4+00  
SEE SHEET 21



MATCH LINE STA 4+00  
SEE SHEET 21



GRADING DETAIL  
SCALE: 1"=5'



**811**  
Know what's below. Call before you dig.

REV.	DESCRIPTION	DATE	DRAWN	CHECKED

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING  
2026 SIDEWALK GAP ELIMINATION PROJECT

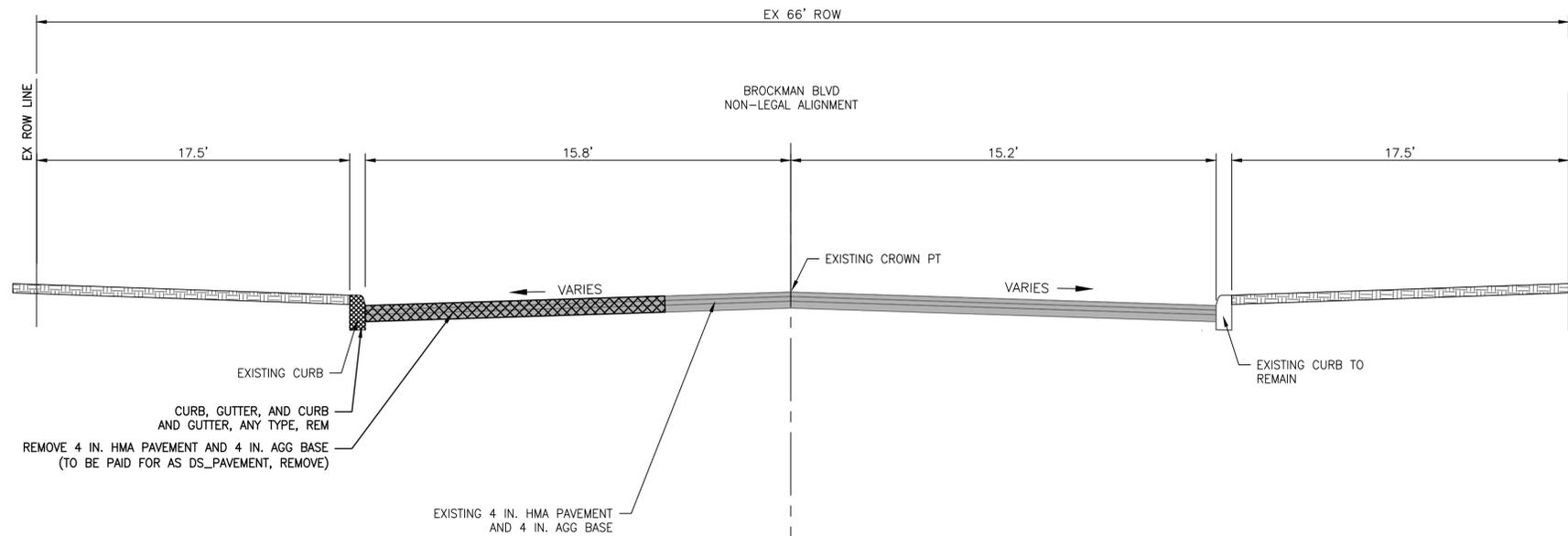
CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST HURON STREET  
ANN ARBOR, MI 48106-8647  
www.a3gov.org

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING  
PEAR STREET - GRADING PLAN STA 4+00 TO STA 8+47

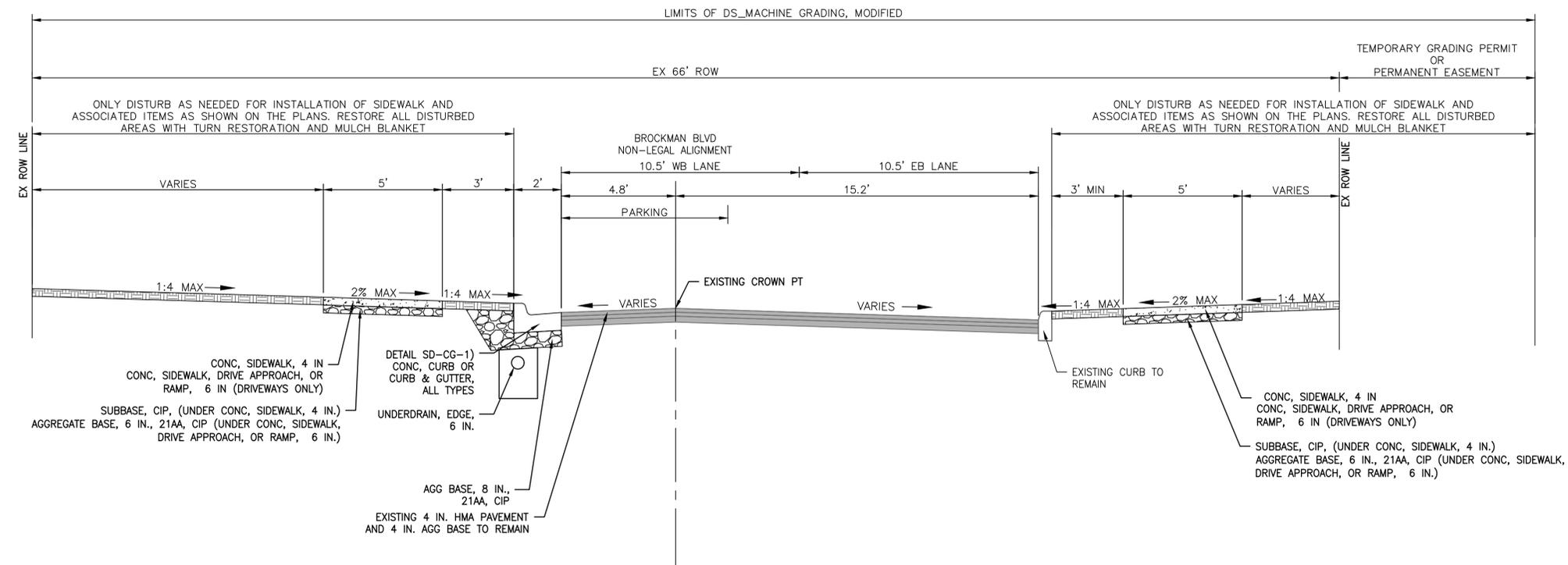
SCALE: HORZ 1" = 20' VERT 1" = 2'

DRAWING No. 2026-007-22

SHEET No. 22 OF 44



BROCKMAN BLVD EXISTING CROSS SECTION



BROCKMAN BLVD PROPOSED CROSS SECTION



REV.	DESCRIPTION	DATE	DRAWN	CHECKED

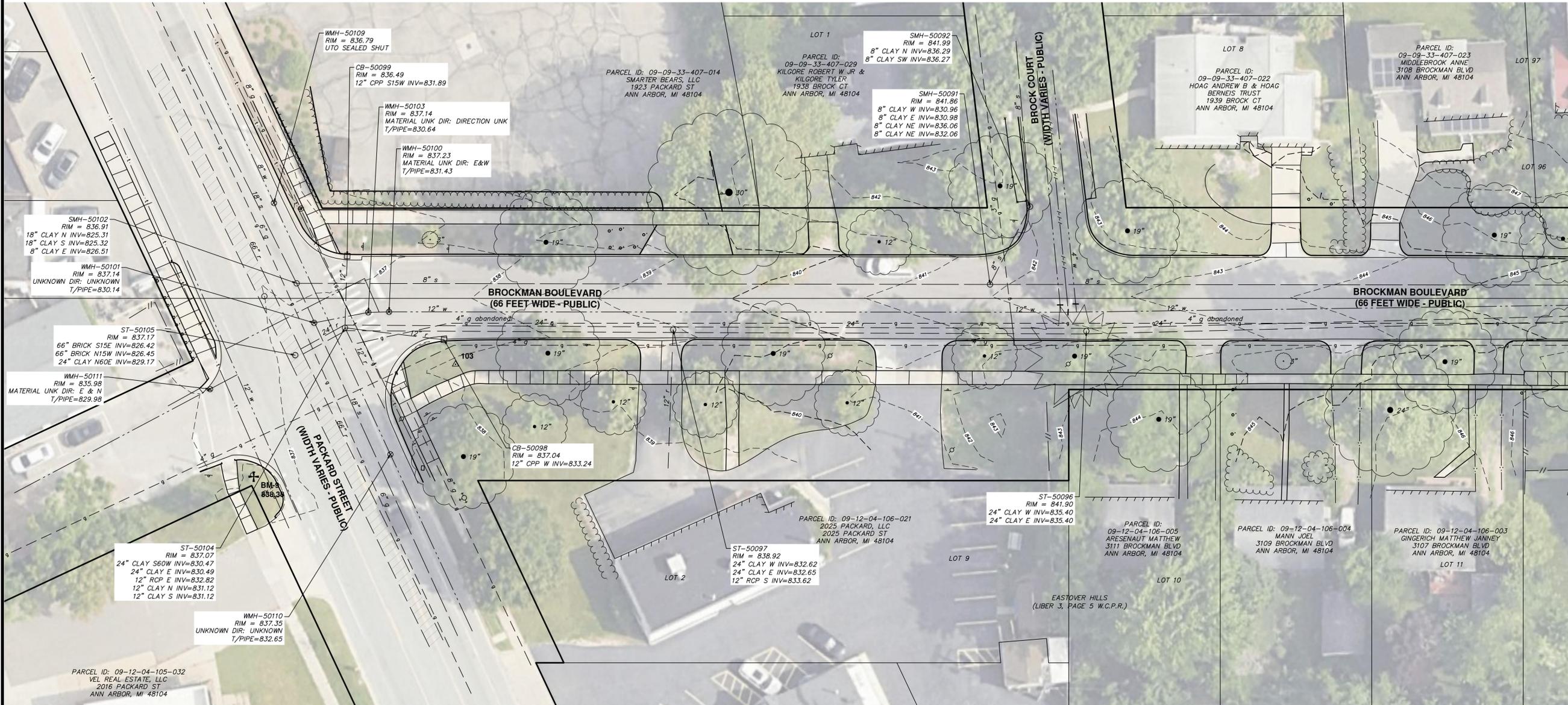
CITY OF ANN ARBOR  
 PUBLIC SERVICES  
 301 EAST HURON STREET  
 ANN ARBOR, MI 48106-0647  
 734.794.4410  
 www.a2gov.org



CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING  
 2026 SIDEWALK GAP ELIMINATION PROJECT  
 BROCKMAN BOULEVARD - TYPICALS

SCALE: 1" = 3'  
 DRAWING No. 2026-007-23

C:\pwwork\mflanagon\01544838\VSP-PLTS-Brockman Ex Conditions.dwg Dwg Created: 4-Feb-26 --\_a2 standard bw.sib -- Plot Date: 4-Feb-26



MATCH LINE  
SEE SHEET 25



**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**

**2026 SIDEWALK GAP ELIMINATION PROJECT**

SCALE: 1" = 20'

DRAWING No. **2026-007-24**

SHEET No. **24 OF 44**

**BROCKMAN BOULEVARD - EXISTING CONDITIONS 1**

DATE: \_\_\_\_\_

DRAWN: \_\_\_\_\_

CHECKED: \_\_\_\_\_

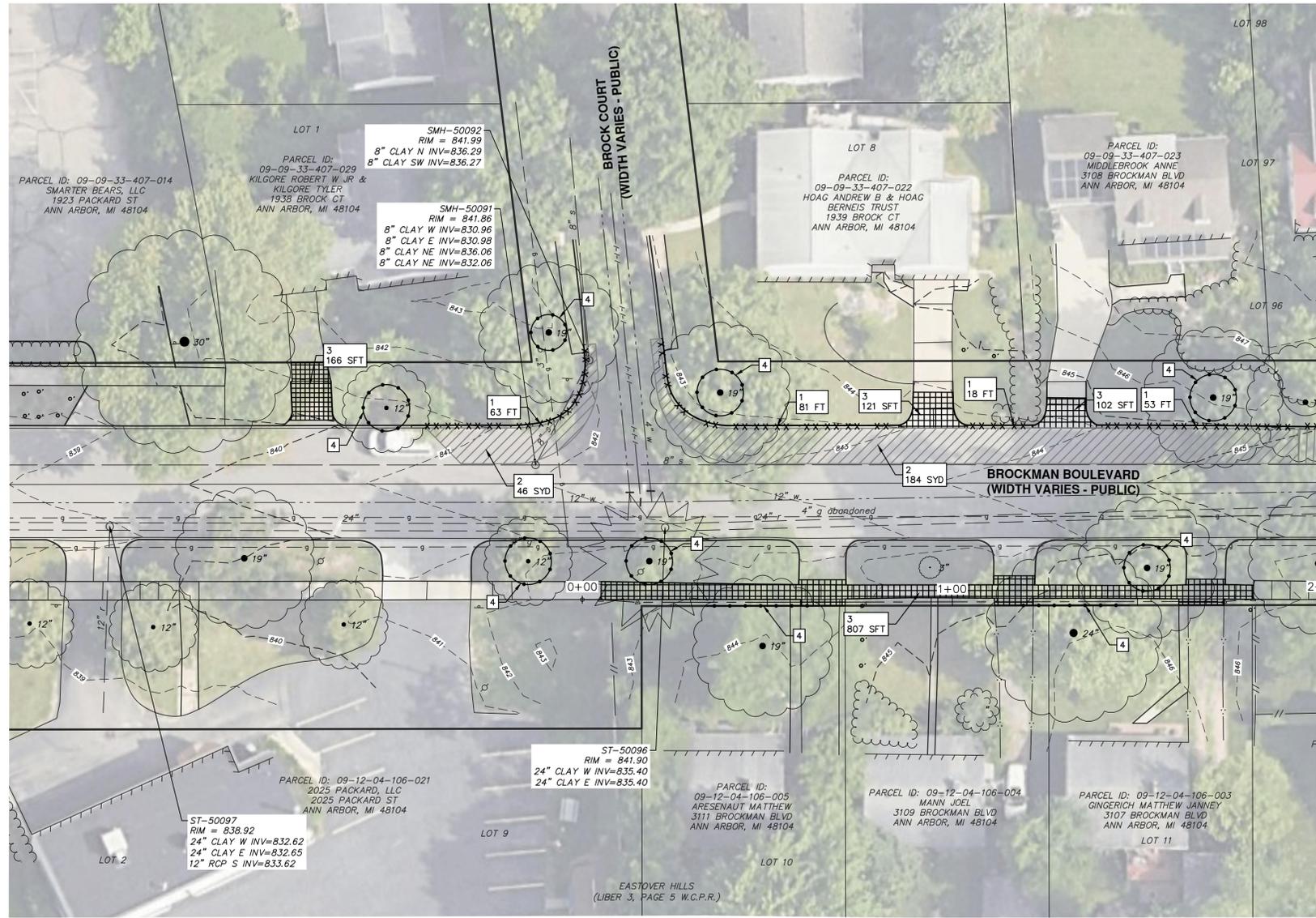
DESCRIPTION: \_\_\_\_\_

REV: \_\_\_\_\_

CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST HURON STREET  
ANN ARBOR, MI 48104  
ANN ARBOR: 734.794.6410  
WWW.ANARBOR.MI.GOV

Know what's below.  
Call before you dig.





REMOVAL KEY	
KEY	DESCRIPTION
1	CURB, GUTTER, AND CURB AND GUTTER, ANY TYPE, REM
2	DS_PAVEMENT, REMOVE
3	SIDEWALK, SIDEWALK RAMP, AND DRIVEWAY APPROACH, ANY THICKNESS, REM
4	TREE PROTECTION FENCE
5	BRICK PAVERS, SIDEWALK, REM AND REINSTALL
6	HMA SURFACE, REM
7	STUMP, REM
8	EROSION CONTROL, INLET PROTECTION, FABRIC DROP
9	GRAVEL, REM (INCLUDED IN MACHINE GRADING)





City of Ann Arbor  
Public Services  
301 East Huron Street  
P.O. Box 8647  
Ann Arbor, MI 48104  
www.a2gov.org



CITY OF ANN ARBOR  
MICHIGAN

---

**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**

**2026 SIDEWALK GAP ELIMINATION PROJECT**

**BROCKMAN SIDEWALK**

**BROCKMAN BOULEVARD - REMOVAL PLAN 1**

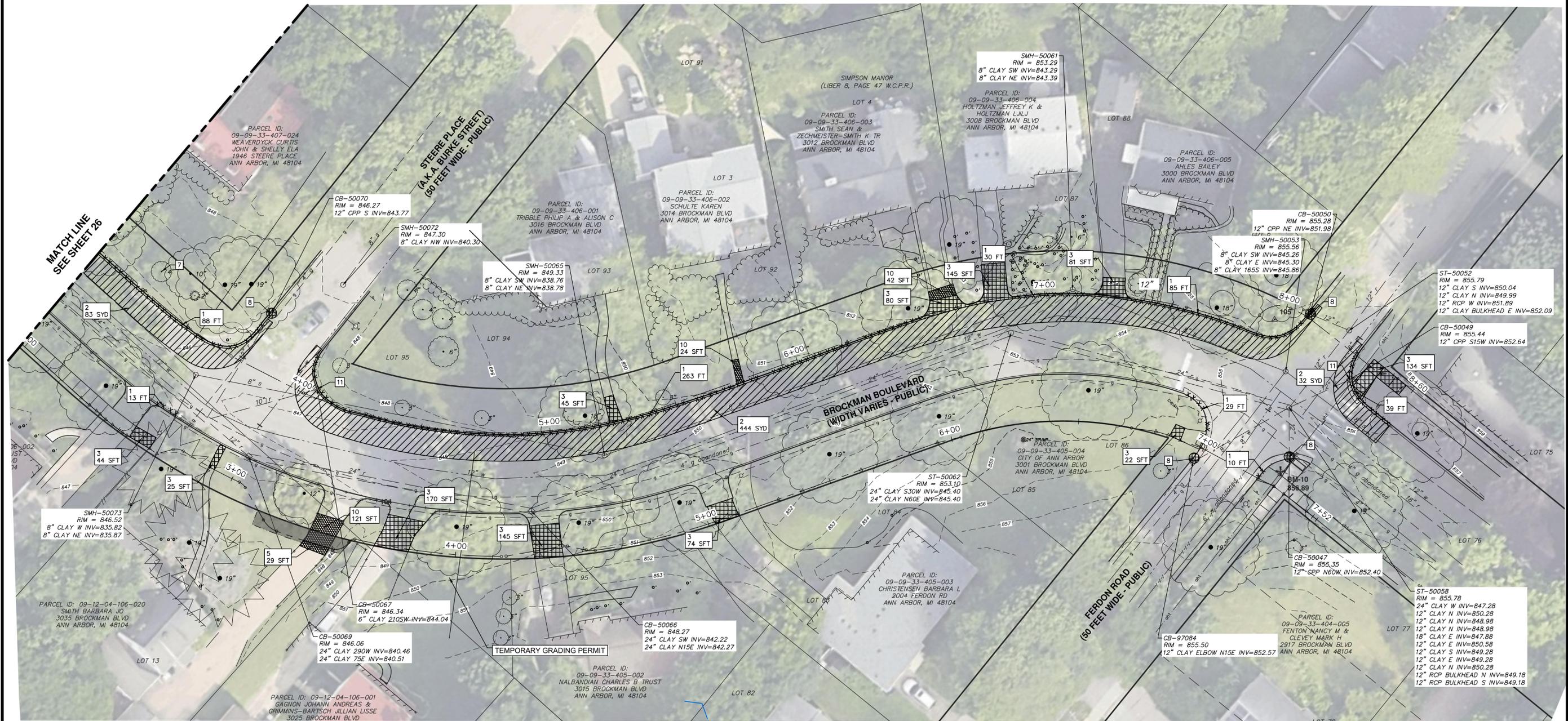
SCALE PLAN: 1"=20'

DRAWING No. 2026-007-26

---

SHEET No.	DESCRIPTION	DATE	DRAWN	CHECKED
26 OF 44				

C:\pwork\mifanagon\1544838\CRW-PLTS-Brockman SW.dwg Dwg Created: 4-Feb-26 - \_a2 standard bw.stb - Plot Date: 4-Feb-26



REMOVAL KEY	
KEY	DESCRIPTION
1	CURB, GUTTER, AND CURB AND GUTTER, ANY TYPE, REM
2	DS_PAVEMENT, REMOVE

3	SIDEWALK, SIDEWALK RAMP, AND DRIVEWAY APPROACH, ANY THICKNESS, REM
4	TREE PROTECTION FENCE
5	BRICK PAVERS, SIDEWALK, REM AND REINSTALL
6	HMA SURFACE, REM
7	STUMP, REM

8	EROSION CONTROL, INLET PROTECTION, FABRIC DROP
9	GRAVEL, REM (INCLUDED IN MACHINE GRADING)
10	DS_BRICK PAVERS, SIDEWALK, REM
11	STORM SEWER STRUCTURE, REM



REV.	DESCRIPTION	DATE	DRAWN	CHECKED

CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST HURON STREET  
ANN ARBOR, MI 48104  
www.a2gov.org

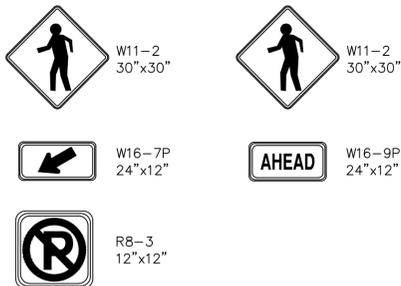


CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING  
2026 SIDEWALK GAP ELIMINATION PROJECT  
BROCKMAN BOULEVARD - REMOVAL PLAN 2

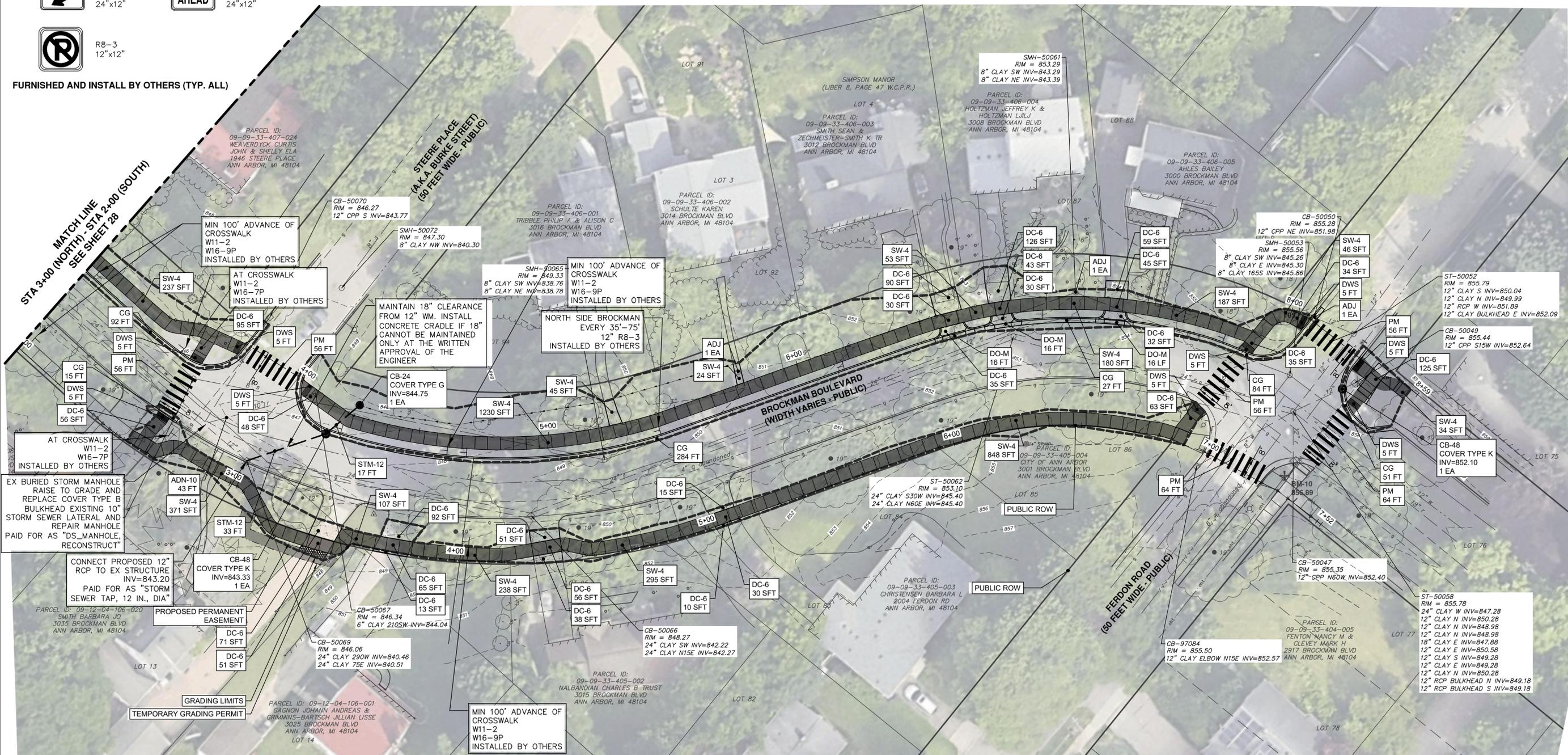
SCALE PLAN: 1"=20'  
DRAWING No. 2026-007-27  
SHEET No. 27 OF 44



**SIGNAGE LEGEND**



FURNISHED AND INSTALL BY OTHERS (TYP. ALL)



**CONSTRUCTION KEY**

KEY	DESCRIPTION
[DWS]	DETECTABLE WARNING SURFACE
[CG]	CONC, CURB OR CURB & GUTTER, ALL TYPES
[DO-M]	CONC, DRIVEWAY OPENING, TYPE M
[CG-M]	CONC, DRIVEWAY OPENING, TYPE M.
[TREE]	TREE, MEDIUM, B&B
[DC-6]	CONC, SIDEWALK, DRIVE APPROACH, OR RAMP, 6 IN.
[SW-4]	CONC, SIDEWALK, 4 IN
[PM]	PAVT MRKG, POLYUREA, 12 INCH, CROSSWALK
[CB-48]	STORM SINGLE INLET, 48 IN., (0-8" DEEP)
[CB-24]	STORM SINGLE INLET, 24 IN., (0-8" DEEP)
[STM-12]	12 IN., CL 4 RCP STORM SEWER, SD-TD-1
[ABN-10]	STORM SEWER PIPE, 10 IN. DIA., ABANDON
[ADJ]	STRUCTURE, ADJUST (TO BE PAID FOR AS MACHINE GRADING)

**NOTE**  
 • DS\_MACHINE GRADING, MODIFIED WILL BE PAID ONLY ONCE FOR PROJECT AREAS WITH MULTIPLE STATIONING COORDINATES SHOWN. THE CONTRACTOR WILL BE PAID FOR THE LENGTH AS MEASURED IN THE FIELD ALONG THE CENTERLINE OF THE PROJECT AREA FROM THE P.O.B. TO THE P.O.E., EXCLUDING LENGTHS WHERE NO WORK IS PERFORMED BY THE CONTRACTOR.

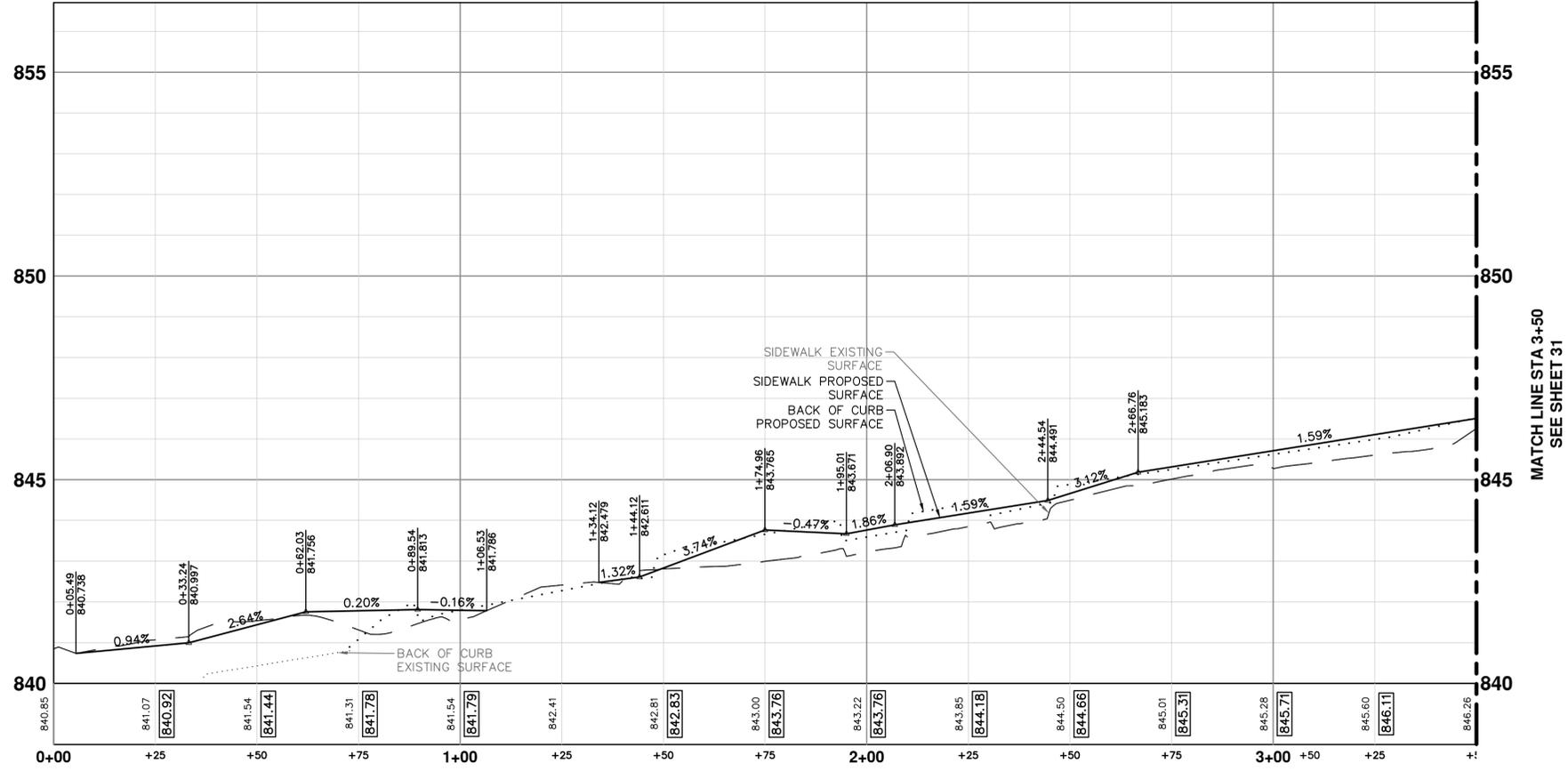
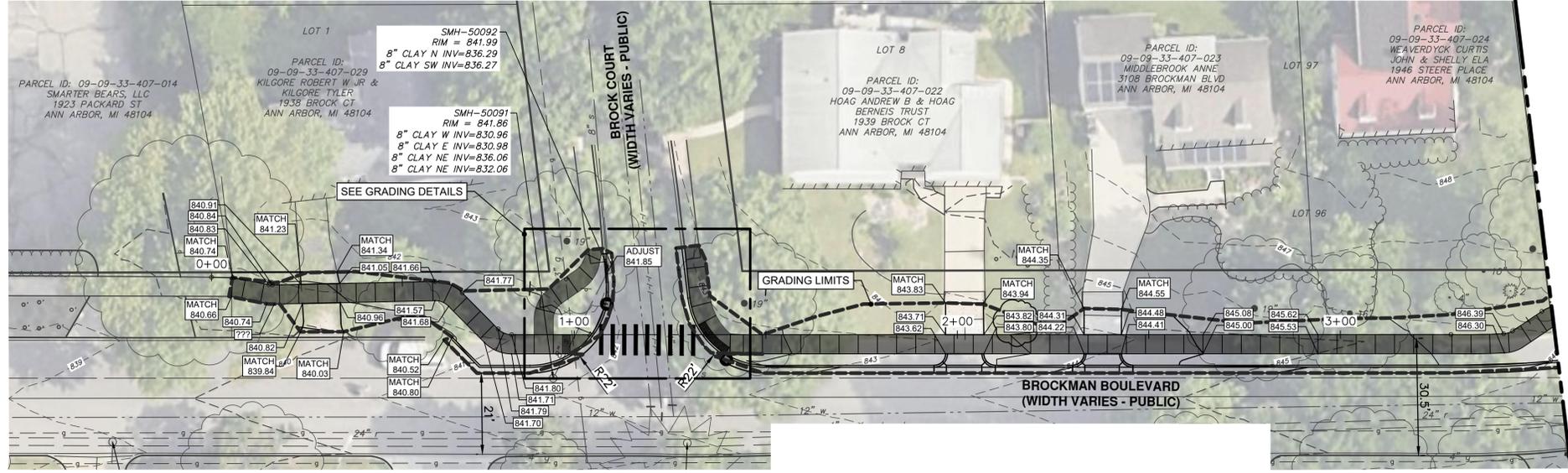
C:\pwwork\mflnagon\1544838\CSP-PLTS-Brockman SW.dwg Dwg Created: 4-Feb-26 - 02 standard bw.stb - Plot Date: 4-Feb-26

**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
 2026 SIDEWALK GAP ELIMINATION PROJECT  
 BROCKMAN BOULEVARD - SITE PLAN 2

811 Know what's below. Call before you dig.

DATE: \_\_\_\_\_ DRAWN: \_\_\_\_\_ CHECKED: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_ REV: \_\_\_\_\_

SCALE PLAN: 1"=80'  
 DRAWING NO: 2026-007-29  
 SHEET NO: 29 OF 44



MATCH LINE STA 3+50  
SEE SHEET 31

MATCH LINE STA 3+50  
SEE SHEET 31



**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**

2026 SIDEWALK GAP ELIMINATION PROJECT

BROCKMAN BOULEVARD NORTH - GRADING PLAN STA 0+00 TO STA 3+50

DRAWING No. 2026-007-30

SHEET No. 30 OF 44

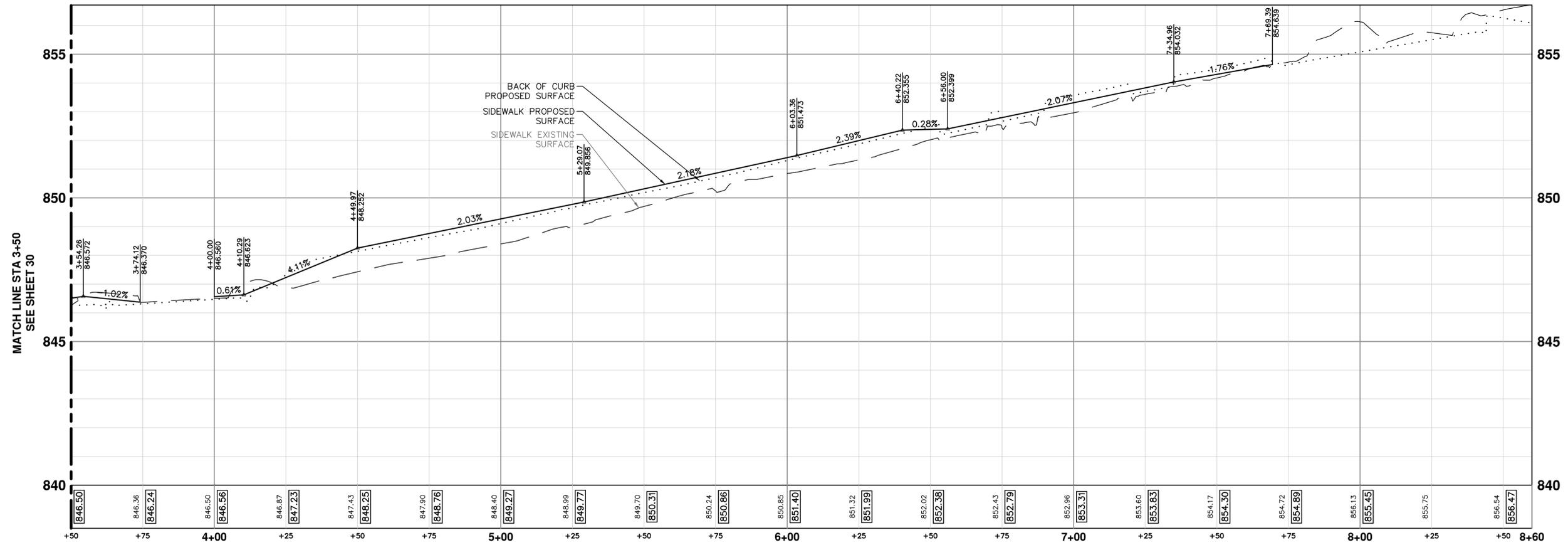
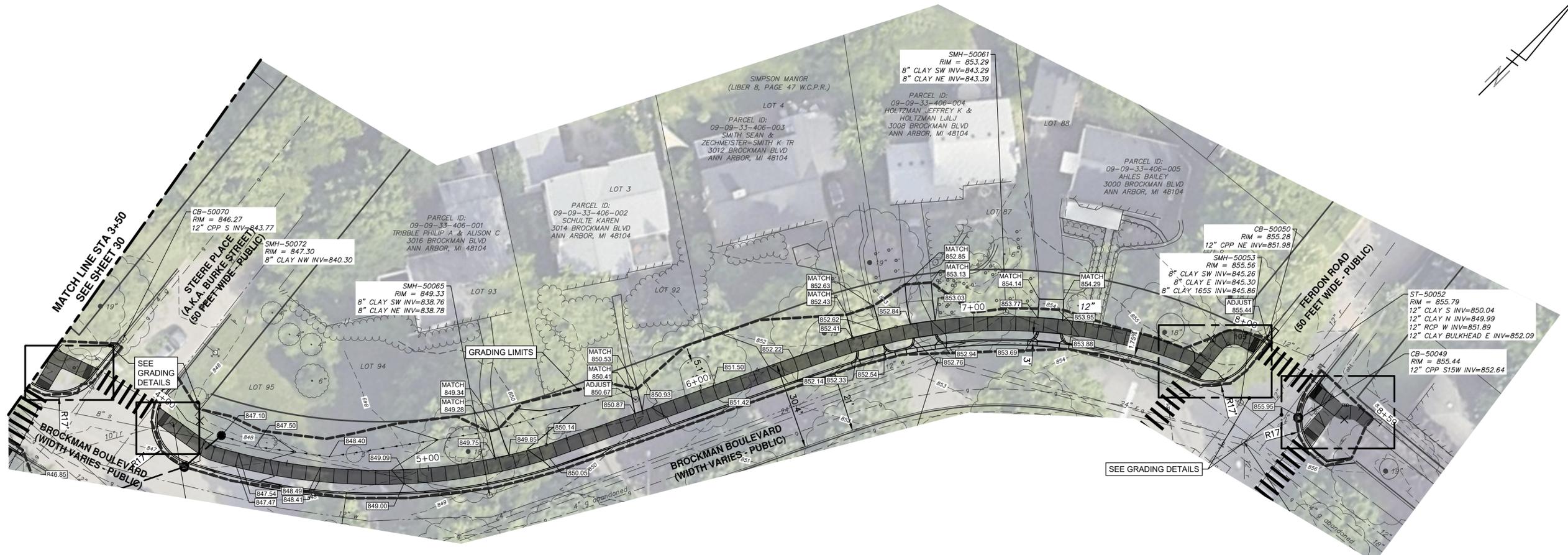
**811**  
Know what's below.  
Call Before you dig.

CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST HURON STREET  
ANN ARBOR, MI 48104  
734.794.6410  
www.a2gov.org

SCALE: HORZ 1" = 20' VERT 1" = 2'

REV.	DESCRIPTION	DATE	DRAWN	CHECKED

C:\pwwork\mflnagon\1544838\CGP-PLTS-Brockman Grading.dwg Dwg Created: 4-Feb-26 - \_02 standard bw.stb - Plot Date: 4-Feb-26



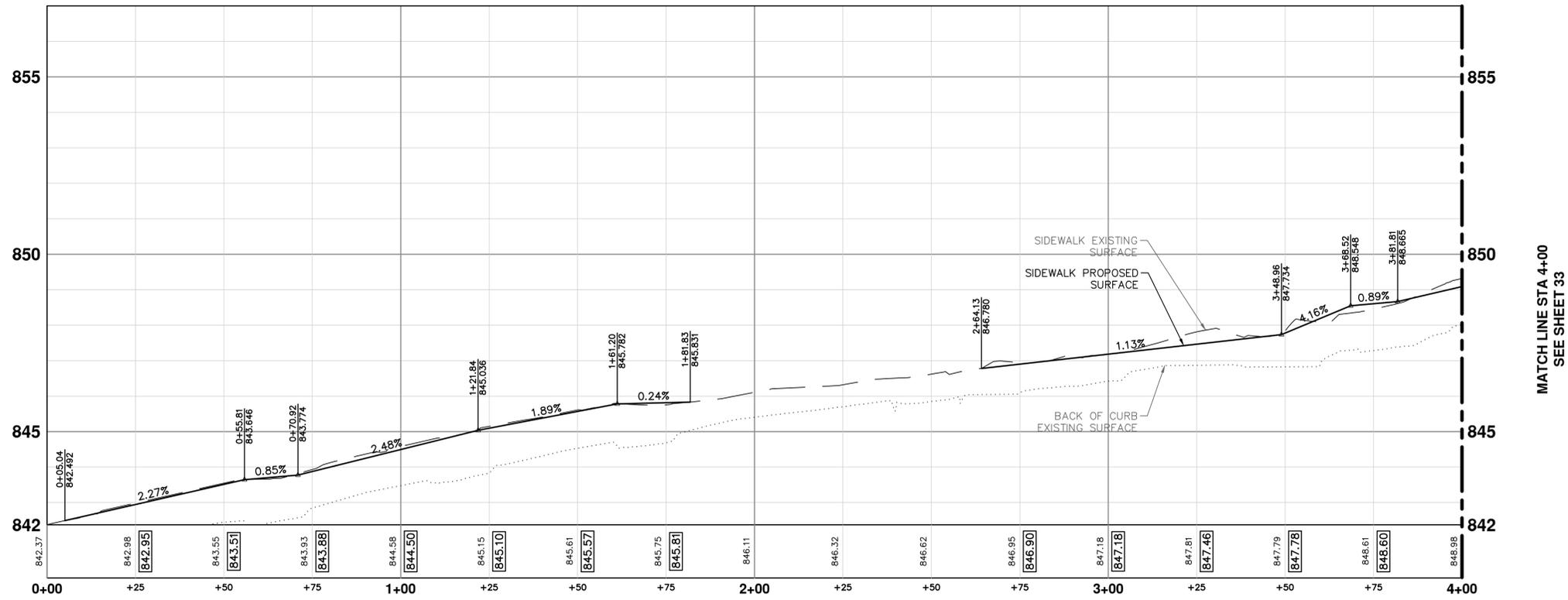
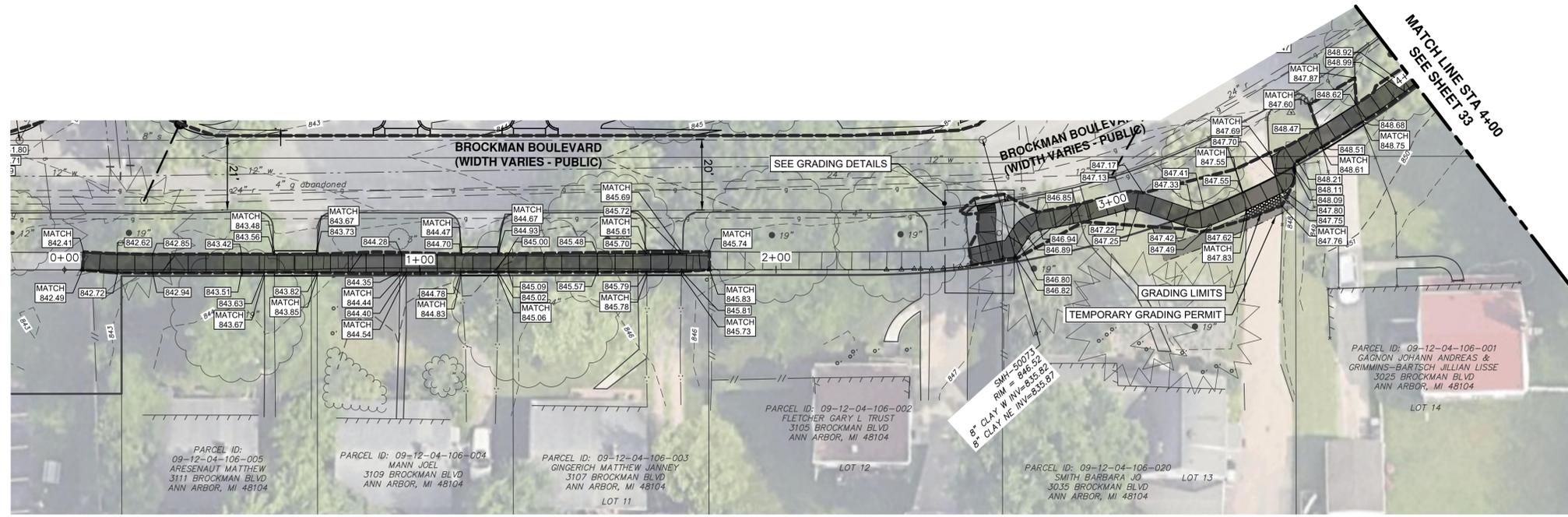
**811**  
Know what's below. Call before you dig.

REV.	DESCRIPTION	DATE	DRAWN	CHECKED

CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST HURON STREET  
ANN ARBOR, MI 48106-1667  
www.a2gov.org

**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
2026 SIDEWALK GAP ELIMINATION PROJECT  
BROCKMAN BOULEVARD NORTH - GRADING PLAN STA 3+50 TO STA 8+54

SCALE: HORZ 1" = 20' VERT 1" = 2'  
DRAWING No. 2026-007-31  
SHEET No. 31 OF 44

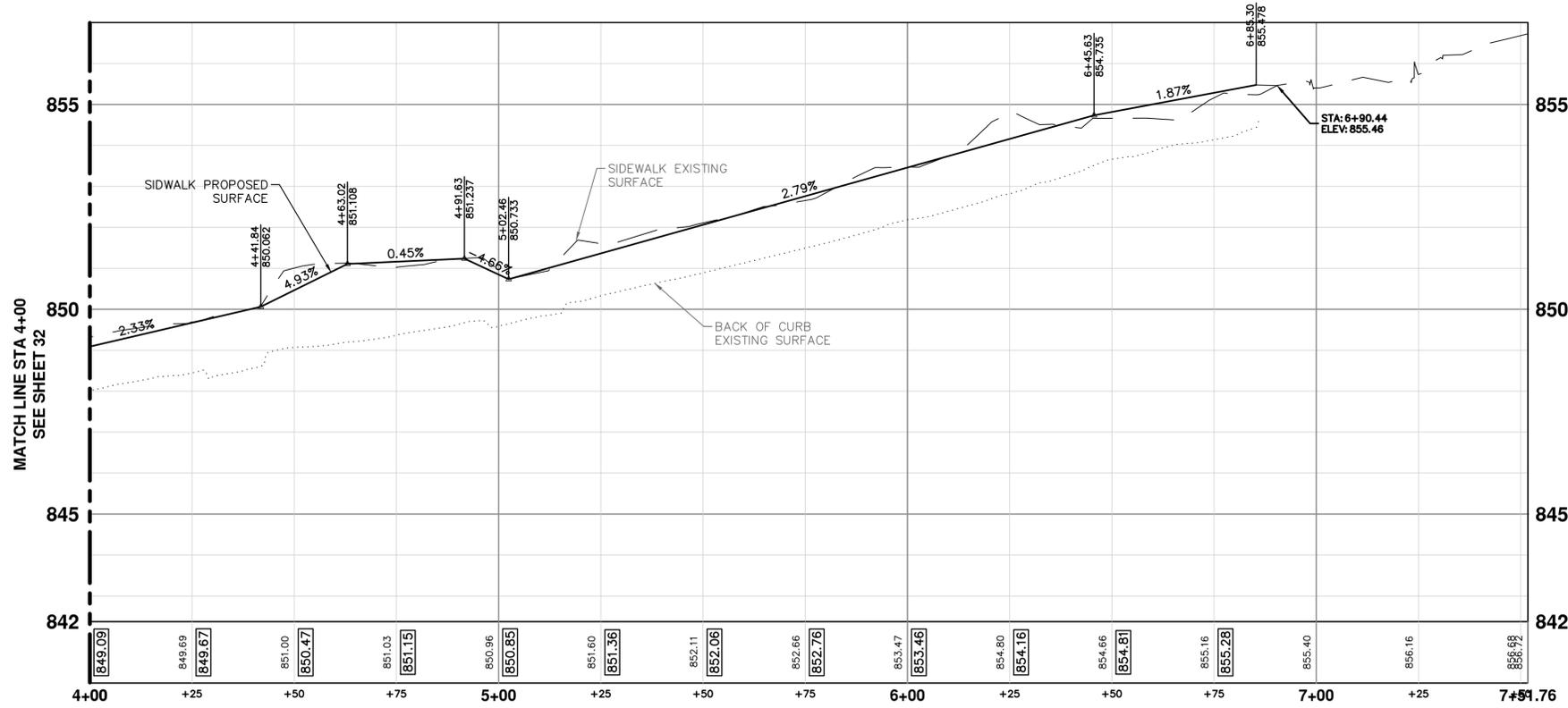
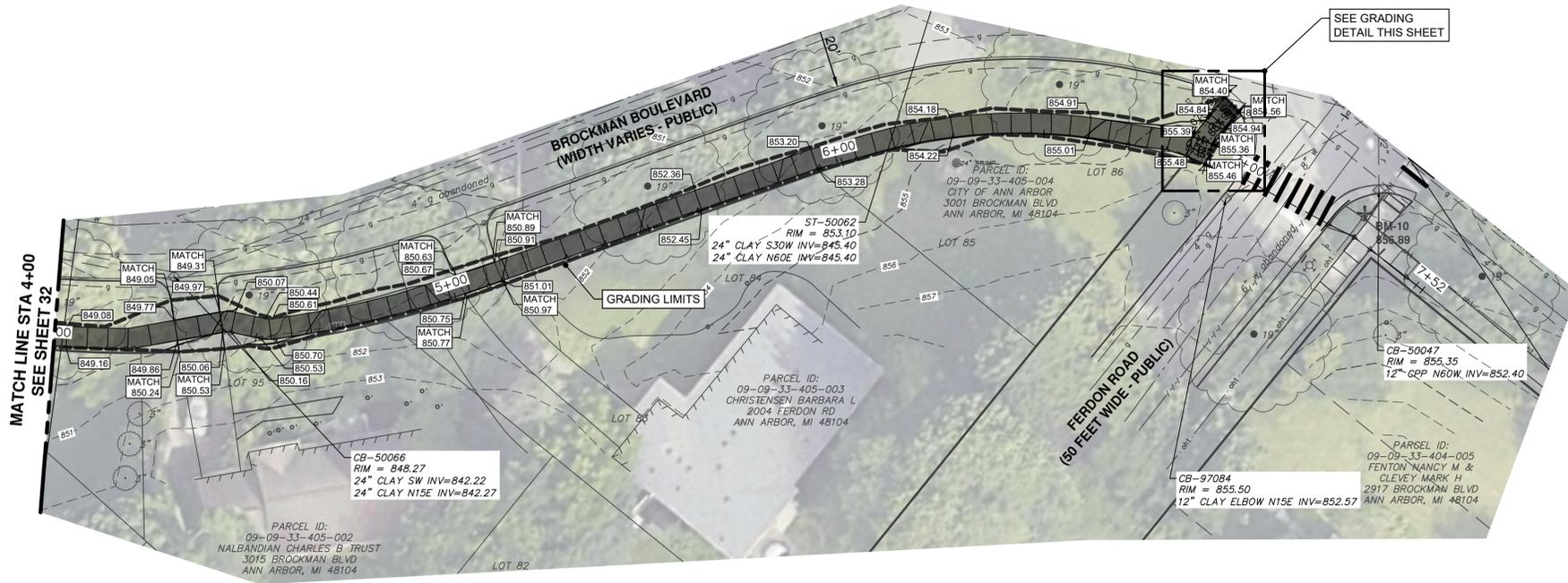


REV.	DESCRIPTION	DATE	DRAWN	CHECKED

CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST HURON STREET  
ANN ARBOR, MI 48106-1647  
www.a2gov.org



**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
2026 SIDEWALK GAP ELIMINATION PROJECT  
BROCKMAN BOULEVARD SOUTH - GRADING PLAN STA 0+00 TO STA 4+00  
DRAWING No. 2026-007-32



**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**

**2026 SIDEWALK GAP ELIMINATION PROJECT**

BROCKMAN BOULEVARD SOUTH - GRADING PLAN STA 4+00 TO STA 7+52

DRAWING No. 2026-007-33

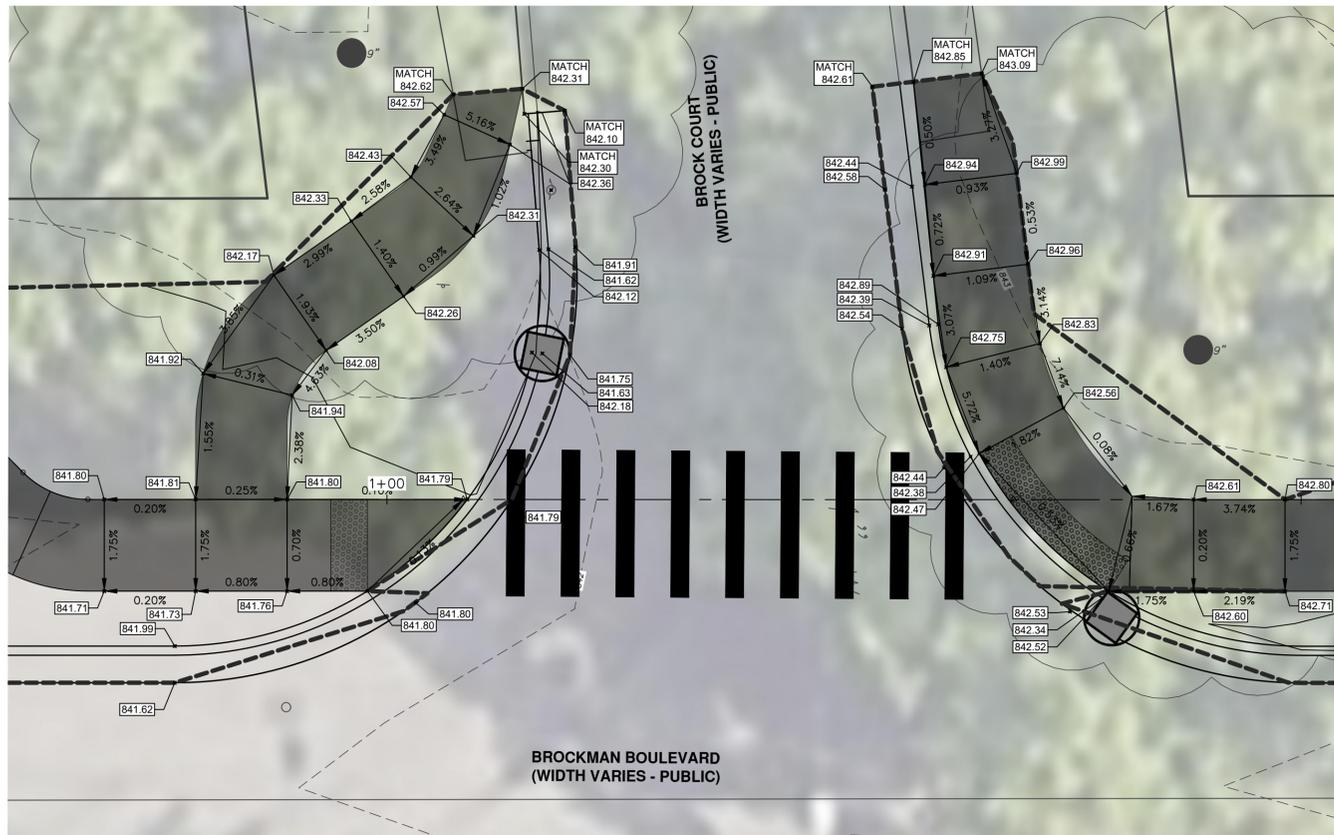
SHEET No. 33 OF 44

**811**  
Know what's below.  
Call Before you dig.

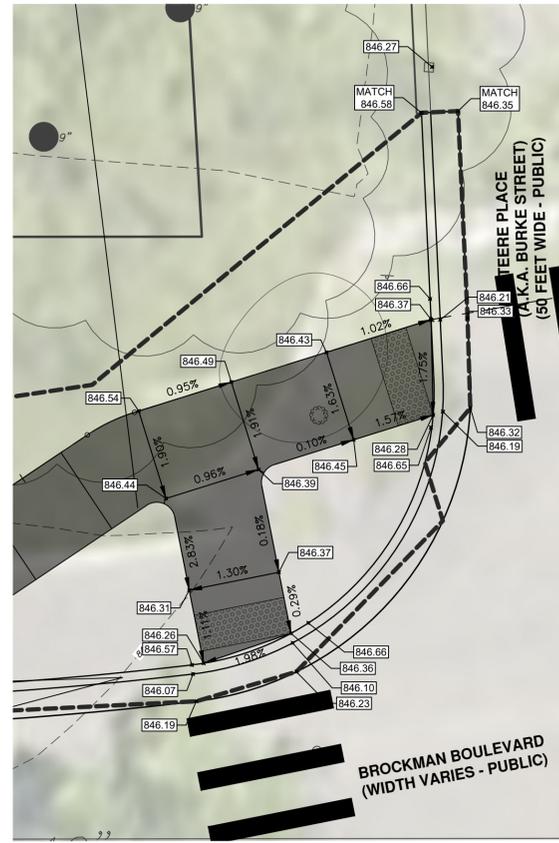
REV.	DESCRIPTION	DATE	DRAWN	CHECKED

CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST HURON STREET  
ANN ARBOR, MI 48104  
734.794.6410  
www.a2gov.org

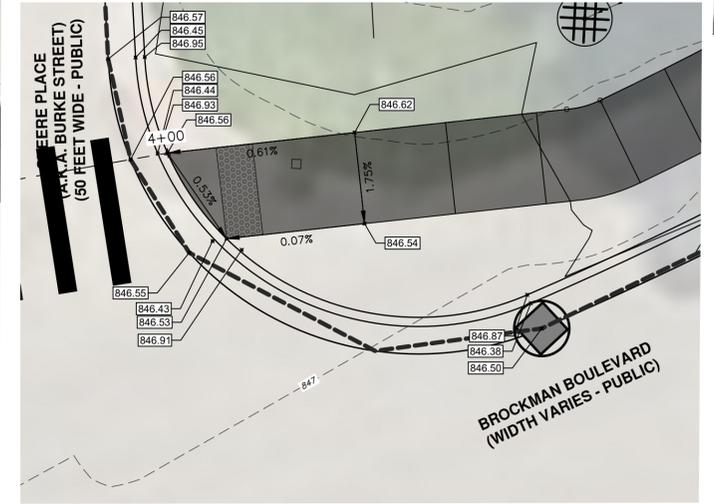
C:\pwwork\mflanagon\1544838\CGP-PLTS-Brockman Grading.dwg Dwg Created: 4-Feb-26 - \_02 standard bw.stb - Plot Date: 4-Feb-26



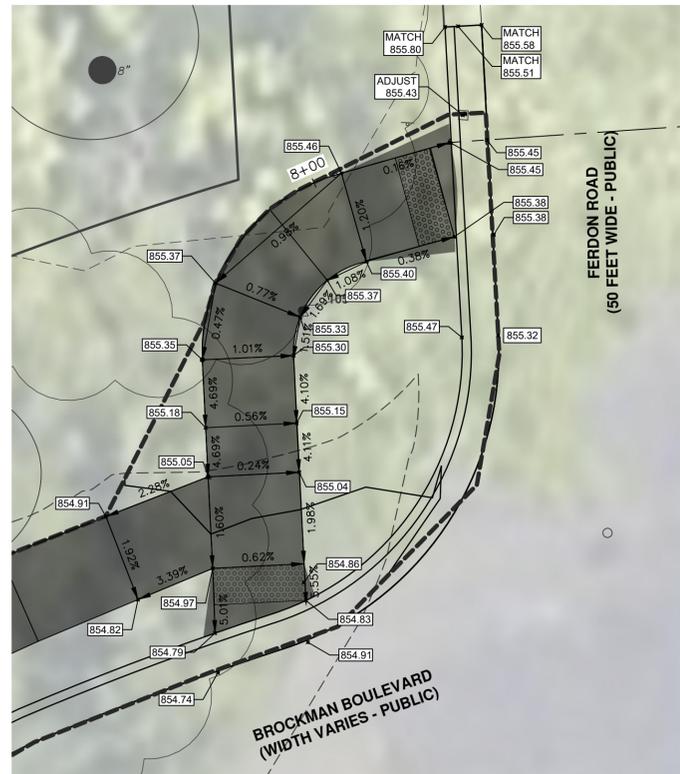
GRADING DETAIL SHEET 29



GRADING DETAIL SHEET 30



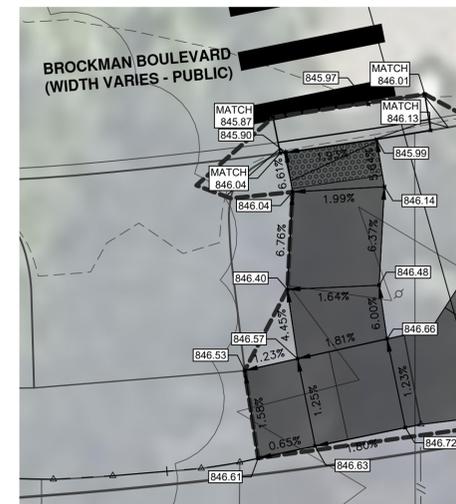
GRADING DETAIL SHEET 30



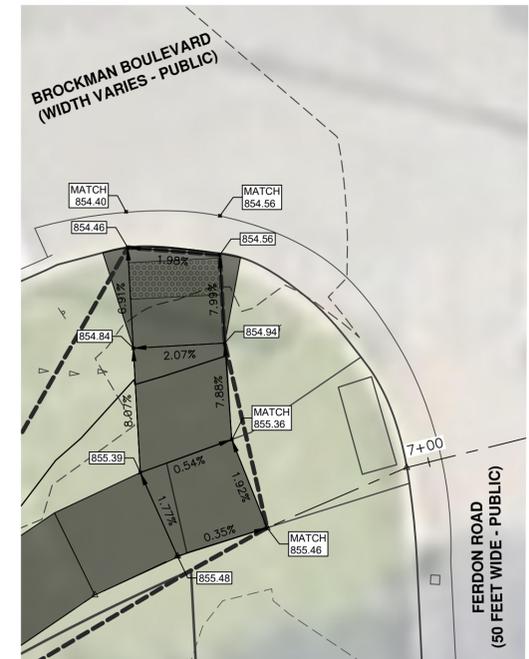
GRADING DETAIL SHEET 30



GRADING DETAIL SHEET 30



GRADING DETAIL SHEET 31



GRADING DETAIL SHEET 32



CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST HURON STREET  
ANN ARBOR, MI 48106-0647  
www.a2gov.org



CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING  
2026 SIDEWALK GAP ELIMINATION PROJECT

SCALE: 1" = 5'  
DRAWING No. 2026-007-34

SHEET No.

34 OF 44

BROCKMAN BOULEVARD - DETAIL GRADES

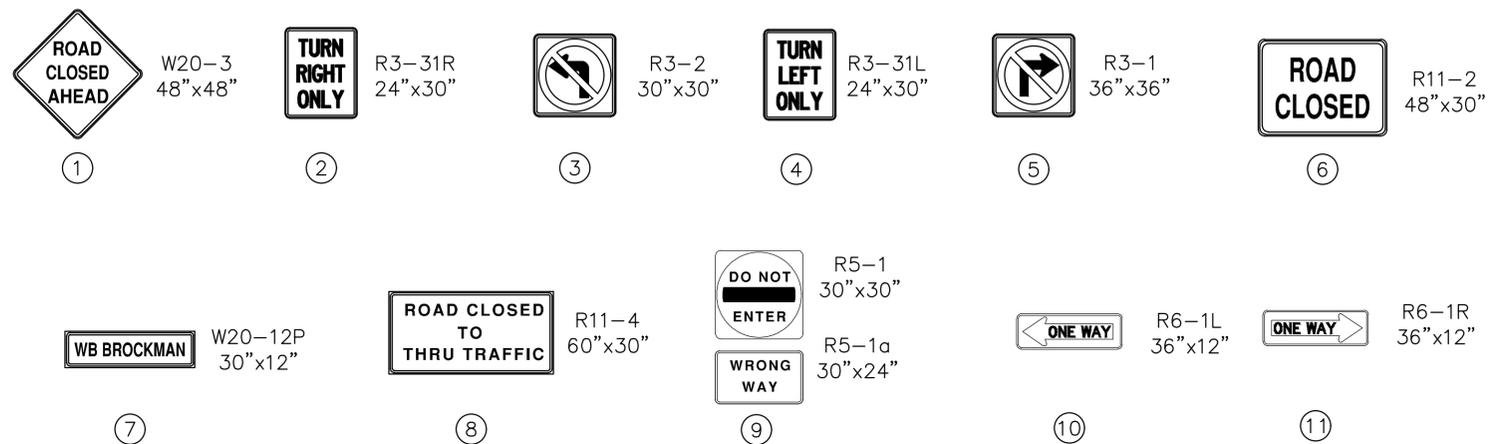
REV.	DESCRIPTION	DATE	DRAWN	CHECKED



**LEGEND**

- T TEMPORARY TRAFFIC SIGN
- ||| BARRICADE, TYPE III, HIGH INTENSITY
- ||| BARRICADE, TYPE II, HIGH INTENSITY
- ▨ WORK ZONE
- ➔ FLOW OF TRAFFIC
- CHANNELIZING DEVICES

PLACE SIGN 8 WITH TYPE III BARRICADE AT SW QUADRANT OF THE STEERE PL AND SOUTH BLVD INTERSECTION



**BROCKMAN BLVD CLOSURE DETAIL**

WESTBOUND BROCKMAN BLVD CLOSURE FROM EAST OF PACKARD ST TO EAST OF FERDON RD

**NOTES:**

1. CONSTRUCTION, WARNING, REGULATORY, AND GUIDE SIGNS SHOWN MUST BE PLACED ACCORDING TO MDT'S WORK ZONE SAFETY AND MOBILITY MANUAL AND MAY REQUIRE FIELD ADJUSTMENTS AS DIRECTED BY THE ENGINEER.
2. TRAFFIC SHALL BE MAINTAINED ACCORDING TO MDT'S STANDARD SPECIFICATIONS FOR CONSTRUCTION, INCLUDING ANY SUPPLEMENTAL SPECIFICATIONS, MDT'S WORK ZONE SAFETY AND MOBILITY MANUAL AND AS SPECIFIED IN THIS PLAN SHEET.
3. MAINTAIN EASTBOUND TRAFFIC ON BROCKMAN BLVD.
4. MAINTAIN ACCESSSES TO BROCK CT AND DRIVEWAYS ON NORTH SIDE OF BROCKMAN BLVD.



Know what's below.  
Call before you dig.

REV.	DESCRIPTION	DATE	DRAWN	CHECKED



CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST HURON STREET  
ANN ARBOR, MI 48107-8647  
ANN ARBOR  
734-794-8410  
www.a2gov.org

**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**

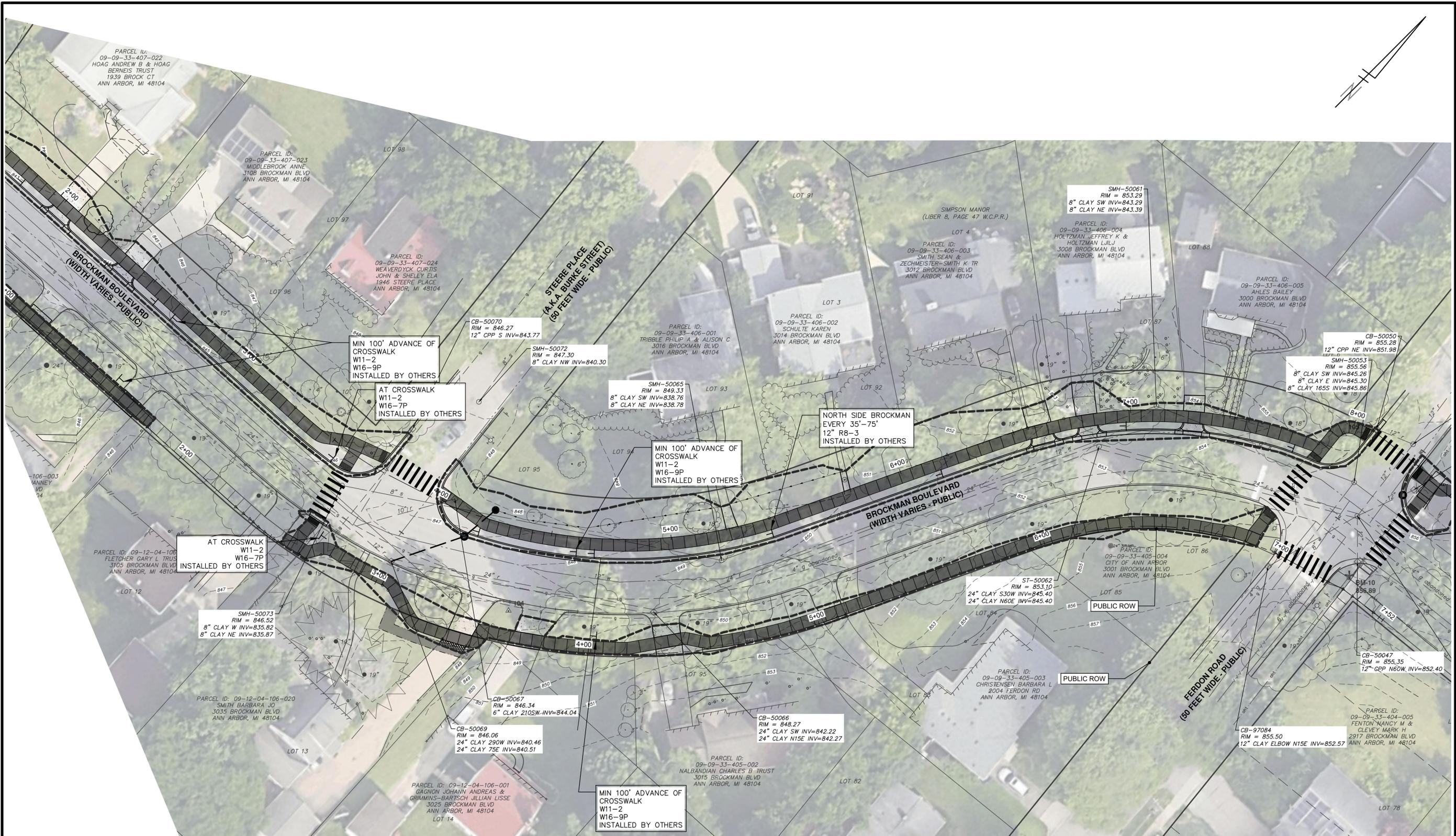
**2026 SIDEWALK GAP ELIMINATION PROJECT**

BROCKMAN BOULEVARD - CLOSURE DETAIL

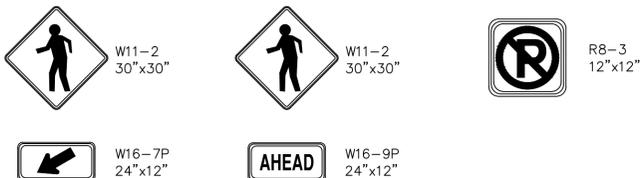
SCALE  
DRAWING No.  
2026-007-35

SHEET No.  
**35 OF 44**

C:\pwwork\mflnagon\1544838\CSN-PLTS-Brockman Signage.dwg Created: 4-Feb-26 - \_a2 standard bw.stb - Plot Date: 4-Feb-26



**SIGNAGE LEGEND**



FURNISHED AND INSTALL BY OTHERS (TYP. ALL)



REV.	DATE	DRAWN	CHECKED

CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST HURON STREET  
P.O. BOX 8647  
ANN ARBOR, MI 48106-8647  
www.a2gov.org



**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
**2026 SIDEWALK GAP ELIMINATION PROJECT**  
BROCKMAN BOULEVARD - SIGNAGE PLAN

SCALE PLAN: 1"=20'  
DRAWING No. 2026-007-36



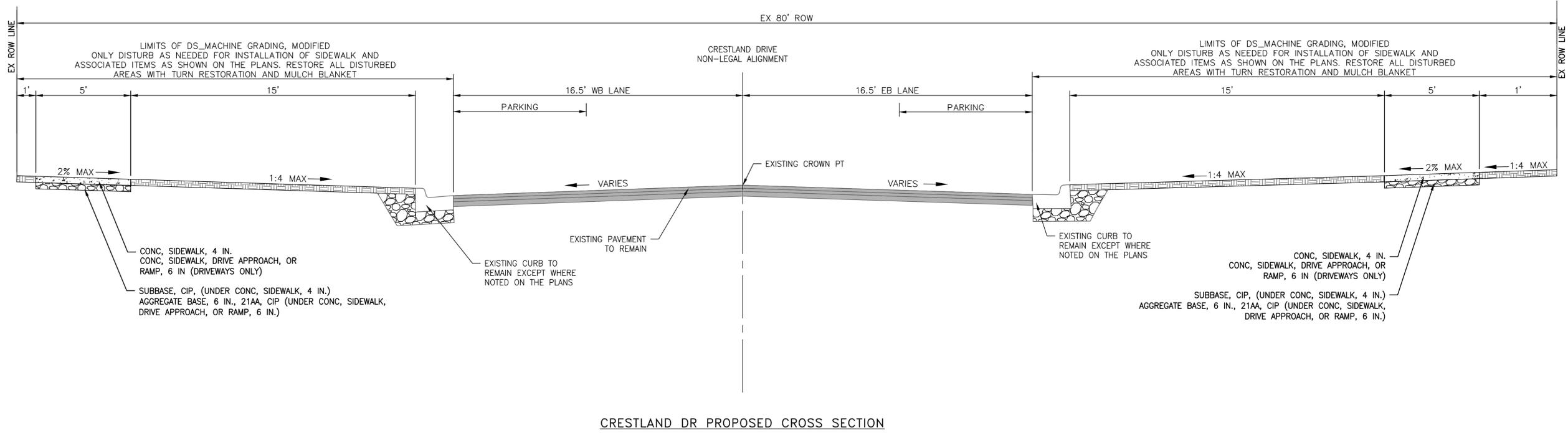
REV.	DESCRIPTION	DATE	DRAWN	CHECKED

CITY OF ANN ARBOR  
 PUBLIC SERVICES  
 301 EAST HURON STREET  
 ANN ARBOR, MI 48106-1647  
 734.794.4410  
 www.a2gov.org



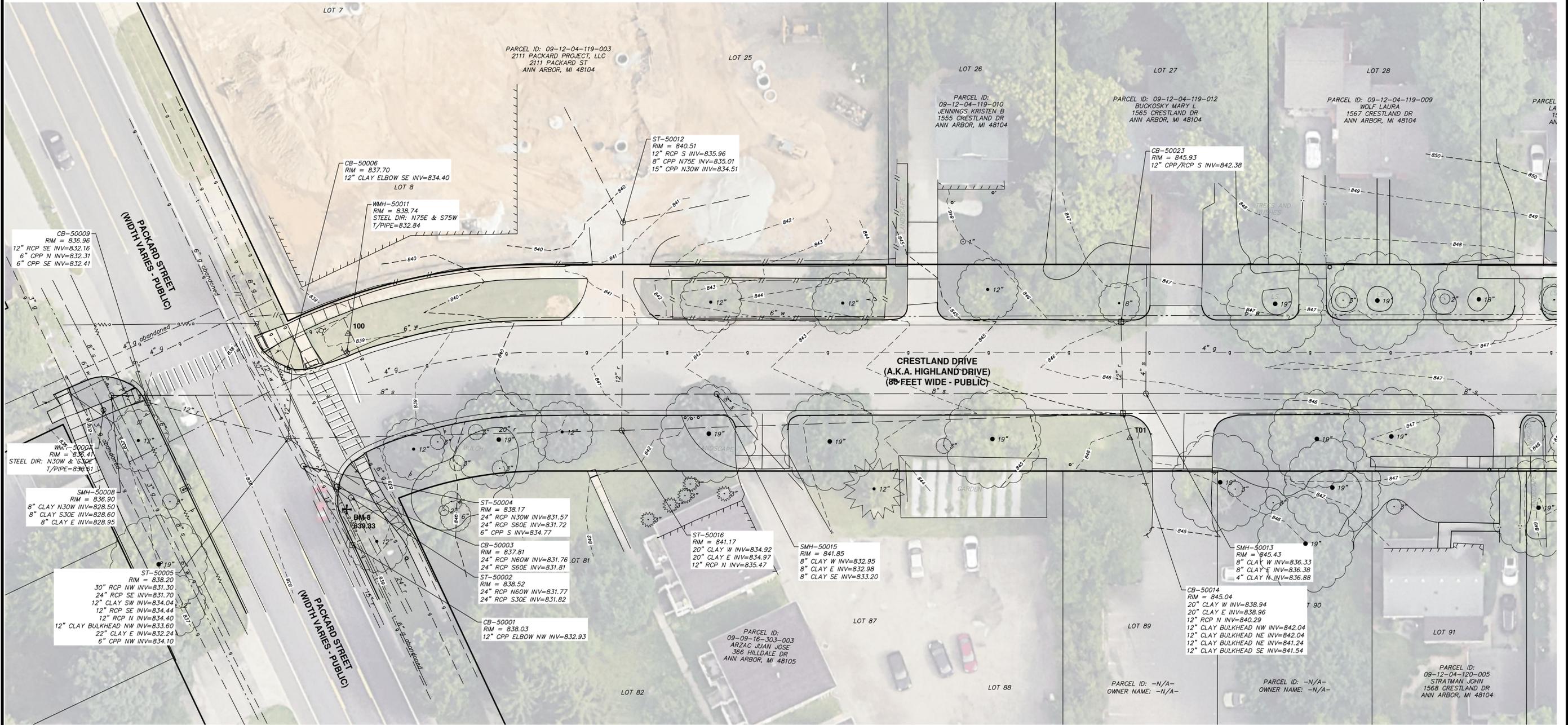
CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING  
 2026 SIDEWALK GAP ELIMINATION PROJECT  
 CRESTLAND DRIVE - TYPICALS

SCALE: 1" = 3'  
 DRAWING No. 2026-007-37



CRESTLAND DR PROPOSED CROSS SECTION

C:\pwork\mflanagan\01544838\VSP-PLTS-Crestland Ex Conditions.dwg Dwg Created: 21-Nov-25 - \_g2 standard bw.stb - Plot Date: 4-Feb-26



REV.	DESCRIPTION	DATE	DRAWN	CHECKED

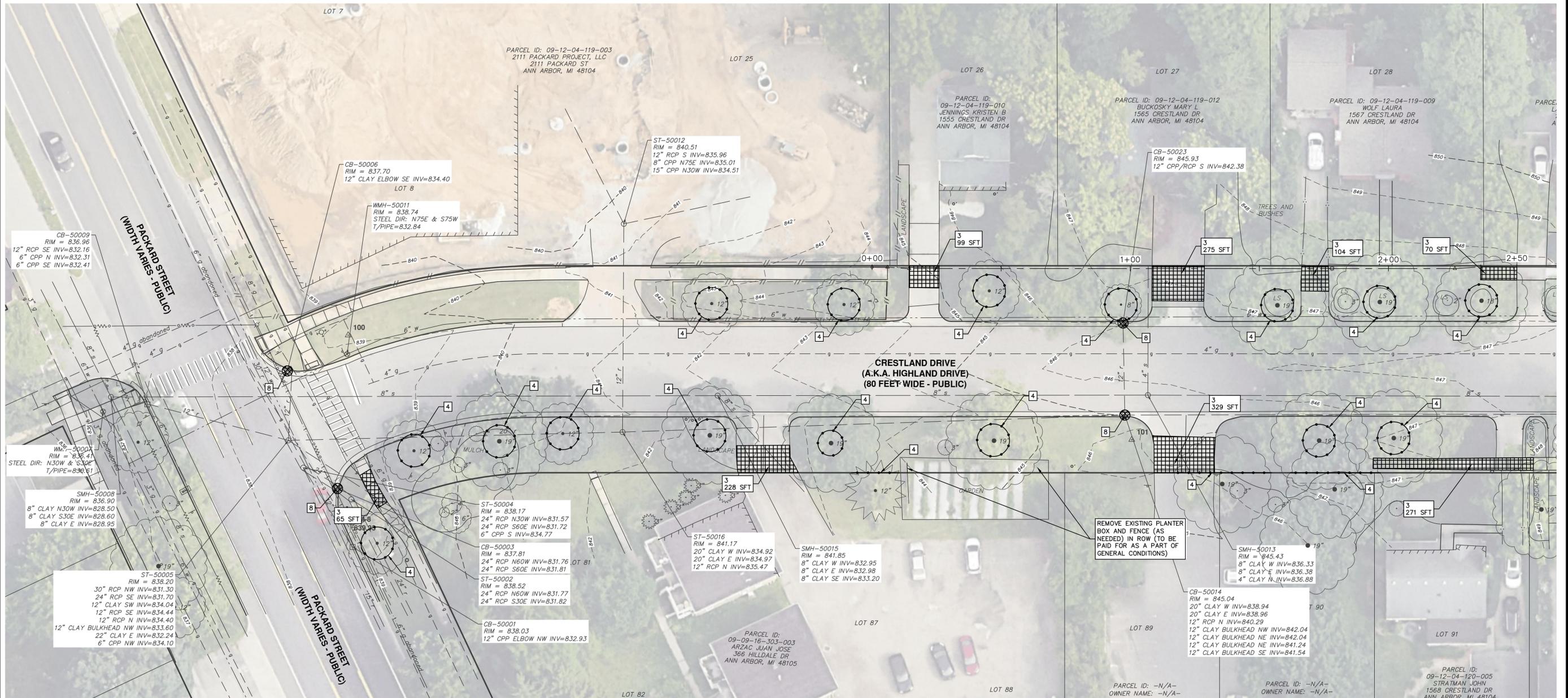
CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST HURON STREET  
ANN ARBOR, MI 48106-1667  
www.a2gov.org



**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
**2026 SIDEWALK GAP ELIMINATION PROJECT**  
CRESTLAND DRIVE - EXISTING CONDITIONS

SHEET No. **38 OF 44**  
DRAWING No. **2026-007-38**

C:\pwork\mianogon\01544838\CRM-PLTS-Crestland SW.dwg Dwg Created: 4-Feb-26 - \_a2 standard bw.stb - Plot Date: 4-Feb-26



REMOVAL KEY	
KEY	DESCRIPTION
1	CURB, GUTTER, AND CURB AND GUTTER, ANY TYPE, REM
2	CONCRETE PAVT, ANY THICKNESS, REM

3	SIDEWALK, SIDEWALK RAMP, AND DRIVEWAY APPROACH, ANY THICKNESS, REM
4	TREE PROTECTION FENCE
5	BRICK PAVERS, SIDEWALK, REM AND REINSTALL
6	HMA SURFACE, REM
7	STUMP, REM

8	EROSION CONTROL, INLET PROTECTION, FABRIC DROP
9	GRAVEL, REM (INCLUDED IN MACHINE GRADING)



REV.	DESCRIPTION	DATE	DRAWN	CHECKED

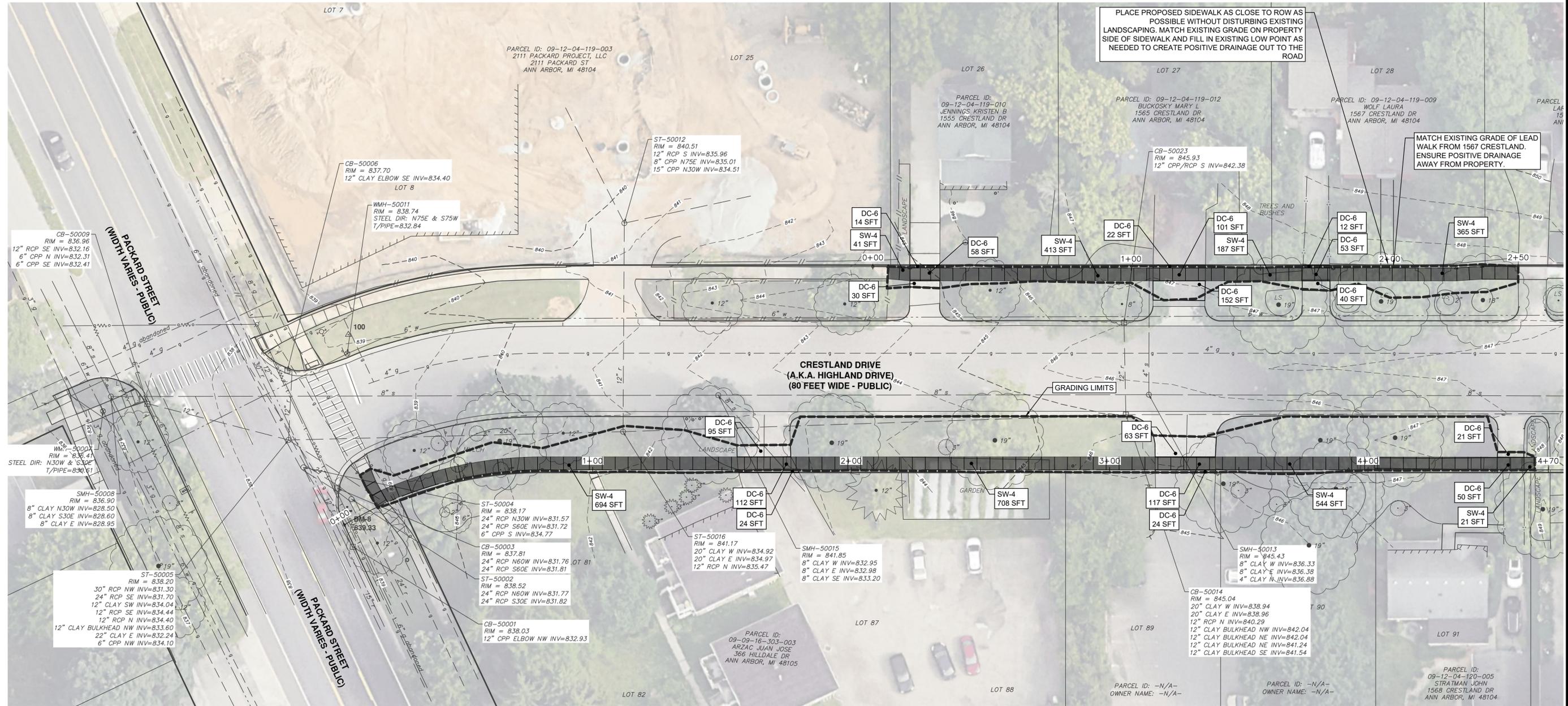
CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST HURON STREET  
P.O. BOX 8647  
ANN ARBOR, MI 48106-8647  
www.a2gov.org



**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
**2026 SIDEWALK GAP ELIMINATION PROJECT**  
CRESTLAND DRIVE - REMOVAL PLAN

SCALE PLAN: 1"=20'  
DRAWING No. 2026-007-39

C:\pwork\mflnagon\01544838\CSP-PLTS-Crestland SW.dwg Dwg Created: 3-Feb-26 - \_o2\_standard bw.stb - Plot Date: 4-Feb-26



CONSTRUCTION KEY	
KEY	DESCRIPTION

<b>HMA</b>	HMA, 13A	<b>DWS</b>	DETECTABLE WARNING SURFACE	<b>DO-M</b>	CONC, DRIVEWAY OPENING, TYPE M	<b>TREE</b>	TREE, MEDIUM, B&B	<b>SW-4</b>	CONC, SIDEWALK, 4 IN
<b>CG</b>	CONC, CURB OR CURB & GUTTER, ALL TYPES	<b>CG-M</b>	CONC, DRIVEWAY OPENING, TYPE M.	<b>DC-6</b>	CONC, SIDEWALK, DRIVE APPROACH, OR RAMP, 6 IN.	<b>PM</b>	PAVT MRKG, POLYUREA, 12 INCH, CROSSWALK		

NOTE  
 • DS\_MACHINE GRADING. MODIFIED WILL BE PAID ONLY ONCE FOR PROJECT AREAS WITH MULTIPLE STATIONING COORDINATES SHOWN. THE CONTRACTOR WILL BE PAID FOR THE LENGTH AS MEASURED IN THE FIELD ALONG THE CENTERLINE OF THE PROJECT AREA FROM THE P.O.B. TO THE P.O.E., EXCLUDING LENGTHS WHERE NO WORK IS PERFORMED BY THE CONTRACTOR.

REV.	DATE	DRAWN	CHECKED

**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**

**2026 SIDEWALK GAP ELIMINATION PROJECT**

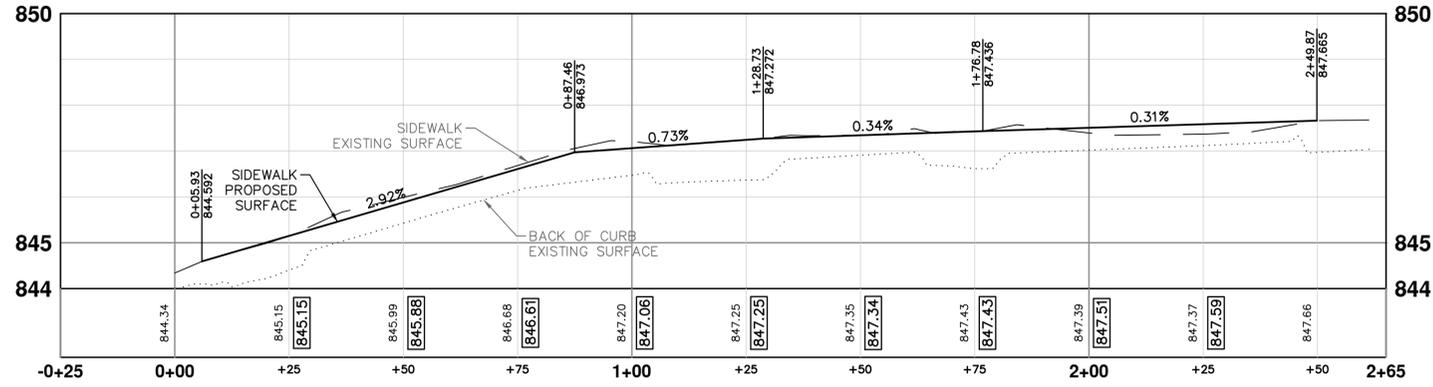
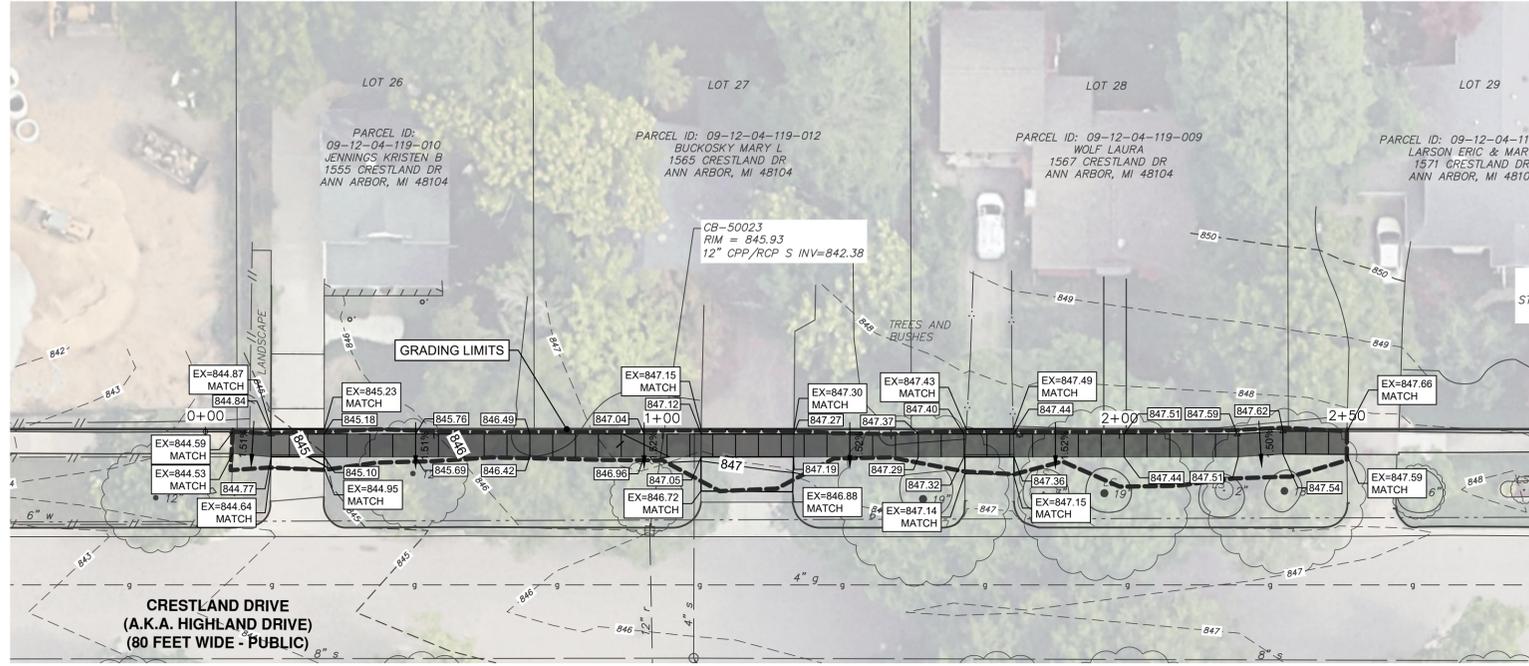
**CRESTLAND DRIVE - SITE PLAN**

CITY OF ANN ARBOR  
 PUBLIC SERVICES  
 301 EAST HURON STREET  
 P.O. BOX 8647  
 ANN ARBOR, MI 48106-8647  
 www.aagov.org

SCALE PLAN: 1"=20'

DRAWING No.  
**2026-007-40**

SHEET No.  
**40 OF 44**



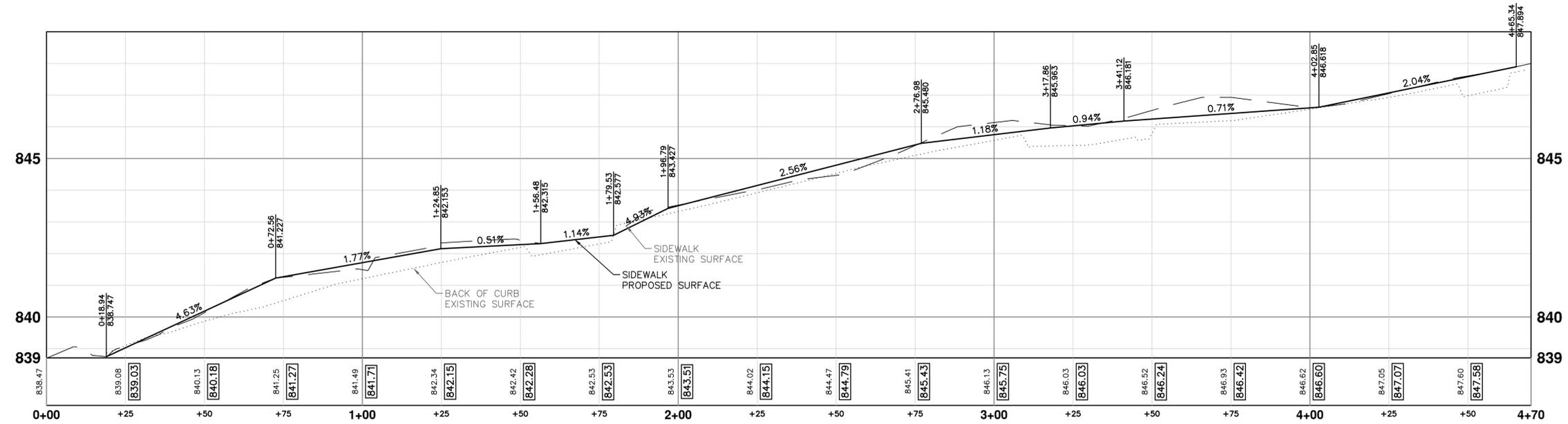
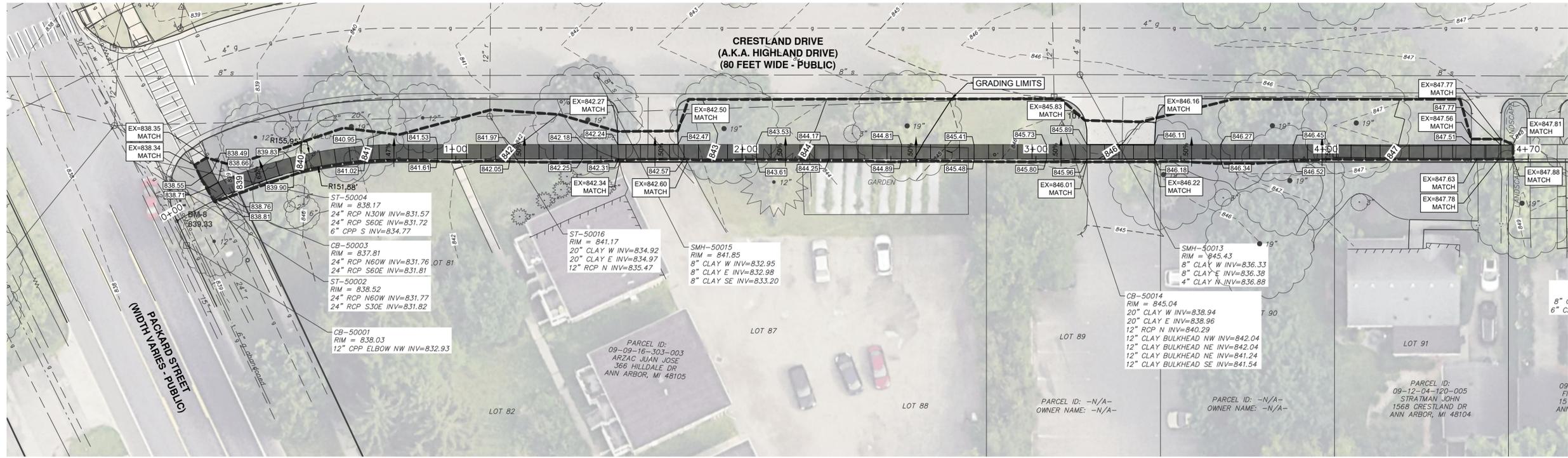
REV.	DESCRIPTION	DATE	DRAWN	CHECKED

CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST HURON STREET  
ANN ARBOR, MI 48106-1667  
www.a3gov.org



**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
**2026 SIDEWALK GAP ELIMINATION PROJECT**  
CRESTLAND DRIVE NORTH - GRADING PLAN

SCALE: HORZ 1" = 20' VERT 1" = 2'  
DRAWING No. 2026-007-41



**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**

**2026 SIDEWALK GAP ELIMINATION PROJECT**

SCALE: HORZ 1" = 20' VERT 1" = 2'

DRAWING No. **2026-007-42**

SHEET No. **42 OF 44**

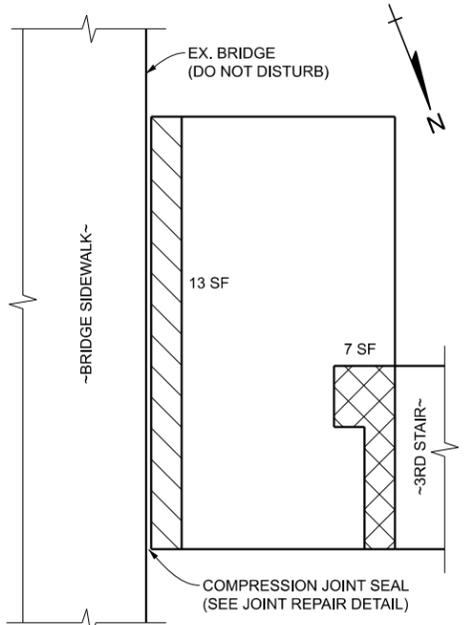
**CRESTLAND DRIVE SOUTH - GRADING PLAN**

REV. DESCRIPTION DATE DRAWN CHECKED

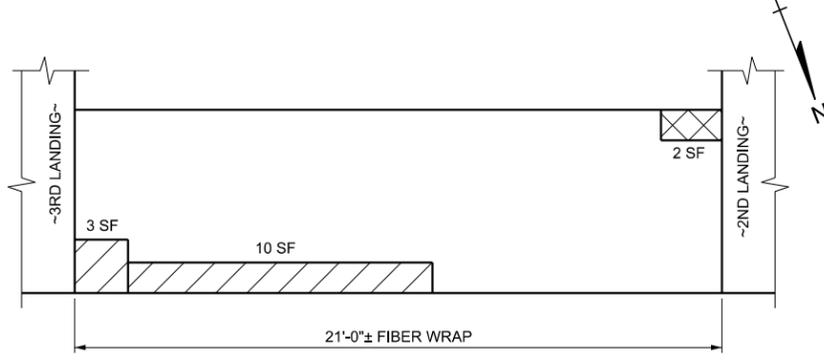
**811**  
Know what's below.  
Call Before you dig.

**CITY OF ANN ARBOR**  
PUBLIC SERVICES  
301 EAST HURON STREET  
ANN ARBOR, MI 48106  
734.794.6410  
www.a2gov.org

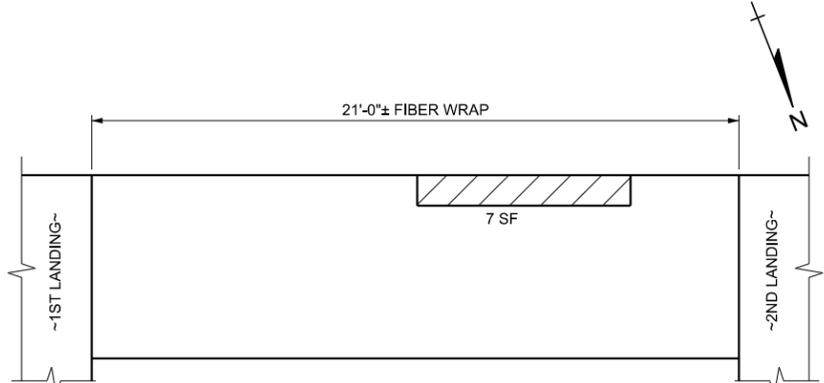




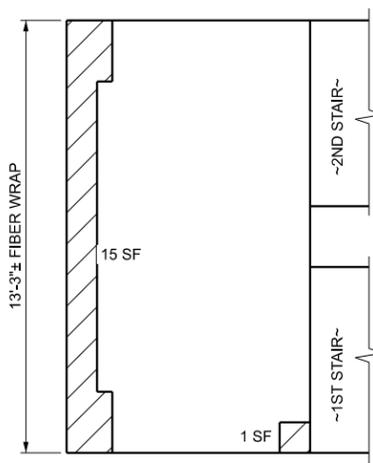
**3RD BRIDGE SIDEWALK UNDERSIDE PLAN**  
(VIEWED FROM ABOVE THRU SLAB)



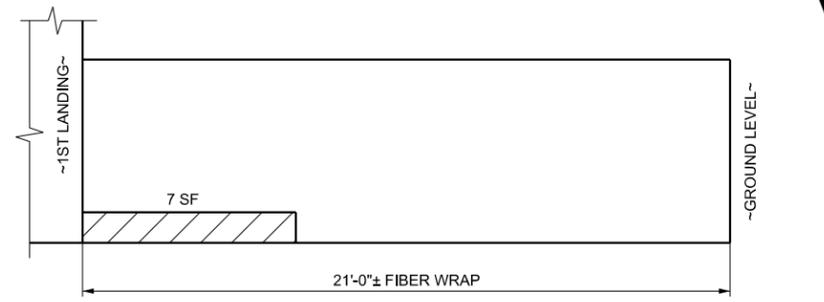
**3RD STAIR UNDERSIDE PLAN**  
(VIEWED FROM ABOVE THRU SLAB)



**2ND STAIR UNDERSIDE PLAN**  
(VIEWED FROM ABOVE THRU SLAB)

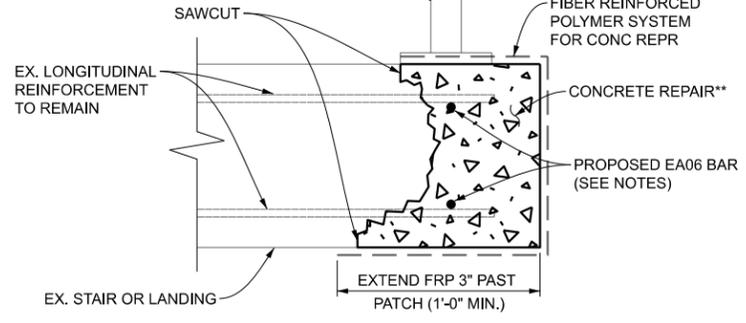


**1ST BRIDGE SIDEWALK UNDERSIDE PLAN**  
(VIEWED FROM ABOVE THRU SLAB)



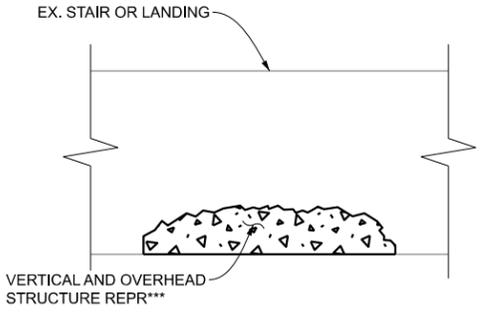
**1ST STAIR UNDERSIDE PLAN**  
(VIEWED FROM ABOVE THRU SLAB)

EX. PEDESTRIAN RAILING TO BE REMOVED, SALVAGED, AND REINSTALLED AS NEEDED TO INSTALL FIBER WRAP (INCLUDED FOR PAYMENT IN "FIBER REINFORCED POLYMER SYSTEM FOR CONC REPR")



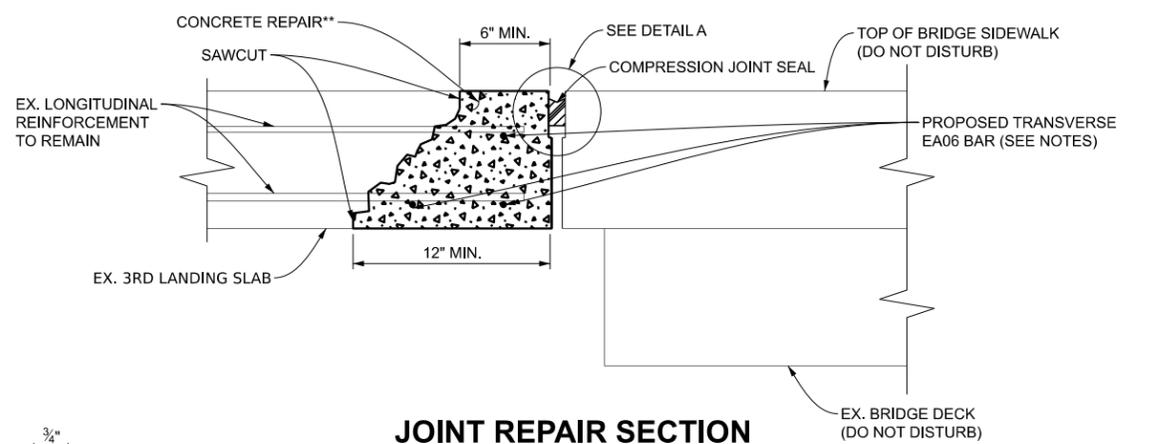
**EDGE REPAIR SECTION**

\*\* PAY ITEMS FOR CONCRETE REPAIR INCLUDE:  
HAND CHIPPING, OTHER THAN DECK  
PATCH, FORMING  
PATCHING CONC, C-L  
EMBEDDED GALVANIC ANODE



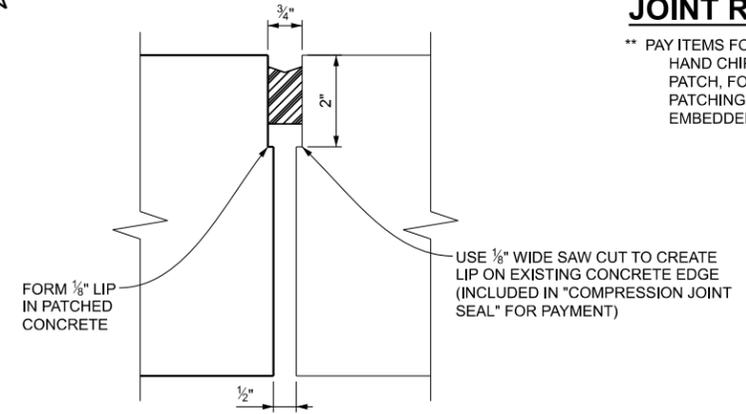
**OVERHEAD REPAIR SECTION**

\*\*\* PAY ITEMS FOR OVERHEAD REPAIR INCLUDE:  
HAND CHIPPING, OTHER THAN DECK  
EMBEDDED GALVANIC ANODES  
VERTICAL AND OVERHEAD STRUCTURE REPR



**JOINT REPAIR SECTION**

\*\* PAY ITEMS FOR CONCRETE REPAIR INCLUDE:  
HAND CHIPPING, OTHER THAN DECK  
PATCH, FORMING  
PATCHING CONC, C-L  
EMBEDDED GALVANIC ANODE



**DETAIL A**

MISCELLANEOUS QUANTITIES		
200	Lb	Reinforcement, Steel, Epoxy Coated*
14	Ft	Compression Joint Seal
270	Sft	Fiber Reinf Polymer System for Conc Repr*
33	Cft	Hand Chipping, Other Than Deck*
70	Sft	Patch, Forming*
2	Cyd	Patching Conc, C-L*
53	Ea	Embedded Galvanic Anode*
5	Cft	Vertical and Overhead Structure Repr*
2	Ea	Pedestrian Type II Barricade, Temp
4	Sft	Sign, Type B, Temp, Prismatic, Furn
4	Sft	Sign, Type B, Temp, Prismatic, Oper

\* FOR USE AS DIRECTED BY THE ENGINEER

**NOTES**

QUANTITY FOR REPLACEMENT OF TRANSVERSE BARS HAS BEEN INCLUDED ASSUMING THE APPROXIMATE LENGTHS OF PATCHES SHOWN. BARS SHALL BE CUT TO LENGTH IN THE FIELD AS DIRECTED BY THE ENGINEER. ALL REPLACEMENT BARS SHALL BE STRAIGHT NUMBER 6 BARS.

APPLY LOW TEMPERATURE PROTECTION OF CONCRETE ACCORDING TO SECTION 706.03 J. OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION. LOW TEMPERATURE PROTECTION OF CONCRETE IS INCLUDED IN THE RELATED ITEMS OF WORK.

THE CONTRACTOR SHALL PROVIDE, ERECT, AND MAINTAIN PEDESTRIAN TYPE II BARRICADES AT THE BOTTOM AND TOP OF THE STAIRS THROUGHOUT CONSTRUCTION, INCLUDED FOR PAYMENT IN "PEDESTRIAN TYPE II BARRICADE, TEMP".

THE CONTRACTOR SHALL MOUNT A "SIDEWALK CLOSED" (R9-9) SIGN TO THE TYPE II BARRICADE, INCLUDED FOR PAYMENT IN THE PAY ITEMS "SIGN TYPE B, TEMP, PRISMATIC, FURN" & "SIGN TYPE B, TEMP, PRISMATIC, OPER".

**LEGEND**

- DENOTES EDGE REPAIR
- DENOTES OVERHEAD REPAIR
- DENOTES JOINT REPAIR

**STAIR DEFICIENCY SKETCHES**

NOTES: PATCH AREAS SHOWN AND FIBER WRAPPING LIMITS ARE APPROXIMATE. FINAL LIMITS OF REPAIRS SHALL BE AS DETERMINED BY THE ENGINEER. NO DEFICIENCIES NOTED ON 2ND LANDING.



*JtD*  
2-6-2026



REV.	DATE	DRAWN	CHECKED	DESCRIPTION

CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST HURON STREET  
ANN ARBOR, MI 48107-8647  
www.a2gov.org



CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING  
BROADWAY BRIDGES AMTRAK  
STAIRCASE REPAIR  
DETAIL SHEET

SHEET No.	44
DRAWING No.	