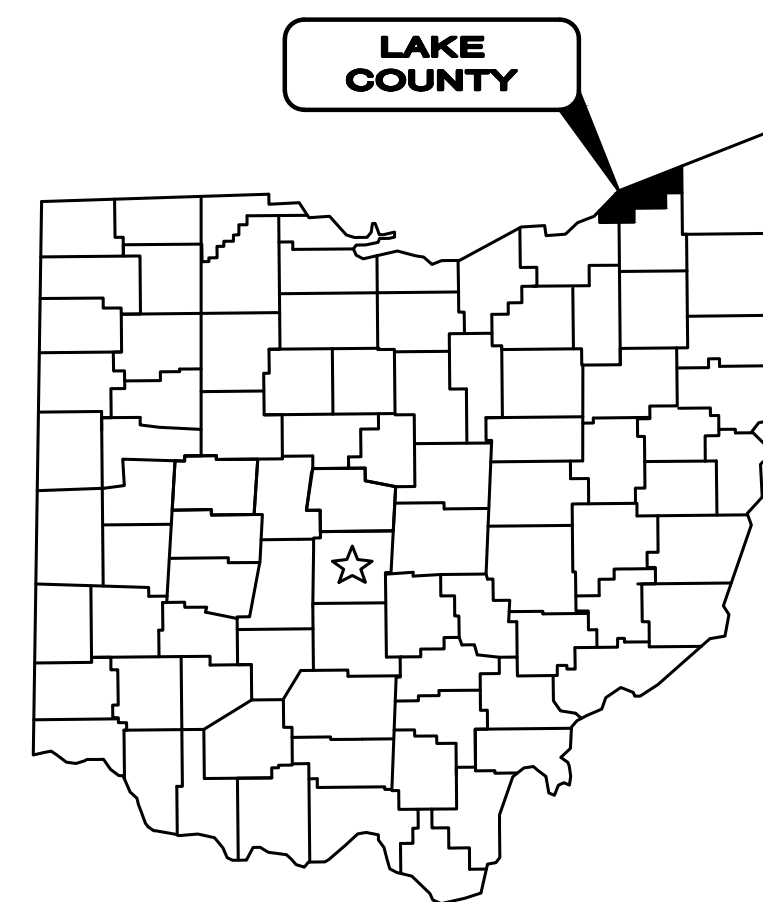


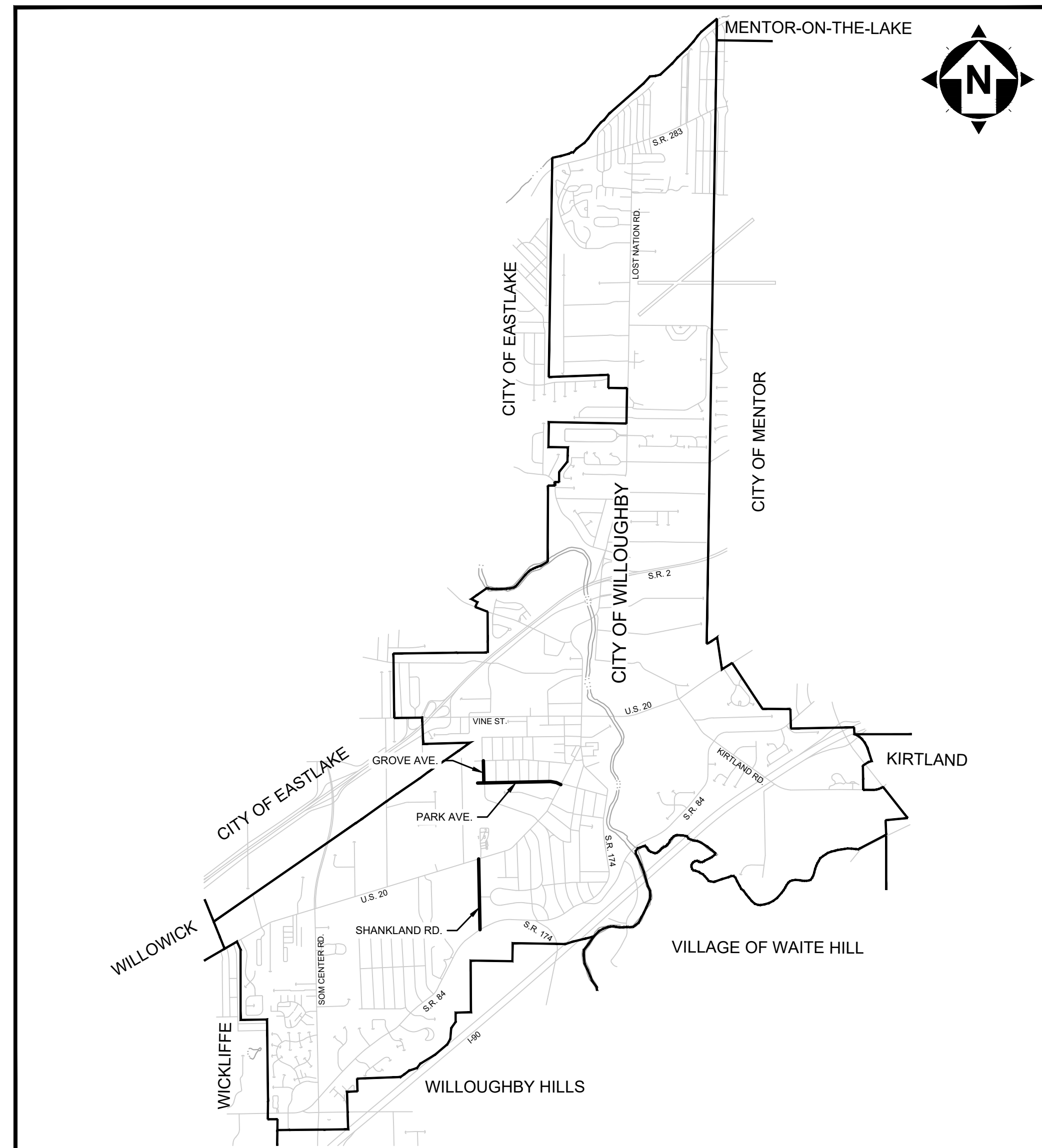
CITY OF WILLOUGHBY 2026 PAVEMENT REPAIR PROGRAM LAKE COUNTY, OHIO

JULY, 2026

INDEX OF SHEETS	
SHEET TITLE	SHEET NUMBER
COVER SHEET	1
QUANTITY BREAKDOWN	2
MAINTENANCE OF TRAFFIC	3
DETAILS	4-5
PLAN	6-12



1. THE SURVEY SHOWN ON THESE PLANS WAS OBSERVED IN THE FIELD FOR CONSTRUCTION PURPOSES ONLY AND MAY NOT BE SUITABLE FOR PROPERTY LINE SURVEYS OR ANY OTHER PURPOSE.
2. UNDERGROUND BUILDING SERVICE UTILITY LINES ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, MAINTAINING AND REPLACING AS NECESSARY TO ENSURE CONTINUAL SERVICE TO BUILDINGS.
3. THE CONTRACTOR IS RESPONSIBLE TO CALL OHIO UTILITIES PROTECTION SERVICE @ 1-800-362-2764, THREE WORKING DAYS PRIOR TO CONSTRUCTION.



LOCATION MAP
NOT TO SCALE



CITY OFFICIALS:

ROBERT A. FIALA MAYOR
DAN KNECHT SERVICE DIRECTOR
LUKE MCCONVILLE LAW DIRECTOR
CHER HOFFMAN FINANCE DIRECTOR
LARRY PUSKAS BUILDING COMMISSIONER
JUDEAN KELLER PARKS & RECREATION DIRECTOR
JAMES SCHULTZ POLICE CHIEF
TODD UNGAR FIRE CHIEF
TIM LANNON, P.E. CITY ENGINEER

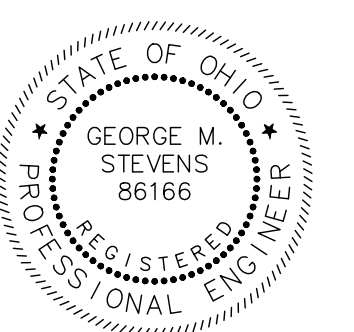
CITY COUNCIL:

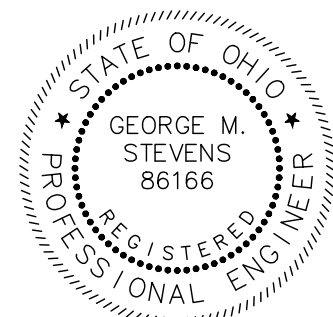
ROBERT CARR COUNCIL PRESIDENT & WARD 4
JOHN TOMASELLI VICE PRESIDENT & WARD 3
KRISTIE SIEVERS WARD 1
KEN KARY WARD 2
LARRY LUCIANO WARD 5
DANIEL GARRY WARD 6
DANIEL ANDERSON COUNCIL-AT-LARGE
ALISA NOVAK CLERK OF COUNCIL

GEORGE M. STEVENS, P.E.

P.E. NO. 86166

7/21/26
DATE





	NO	REVISION	DATE
ISSUE DATE:	7/2/26		
SCALE:	AS SHOWN		
DESIGNED BY:	CKW		
DRAWN BY:	CKW		
CHECKED BY:	GMS		

CITY OF WILLOUGHBY
2026 PAVEMENT REPAIR PROGRAM
- LAKE COUNTY, OHIO -

QUANTITY BREAKDOWN

PROJECT NO.	
49899	
DISCIPLINE	
CIVIL	
SHEET NAME	
G-1	
SHEET	OF
2	12

**QUANTITY BREAKDOWN
FOR 2026 PAVEMENT REPAIR PROGRAM
WILLOUGHBY, OHIO
JULY, 2024**

Item No.	Item Ext.	Item Description	General / Extra	Shankland Rd.	Grove Ave.	Park Ave.	Total Quantity	Unit
		BASE BID						
103	s05001	BONDS & INSURANCES, AS PER PLAN	1				1	LUMP
204	e13130	EXCAVATION OF SUBGRADE AND EMBANKMENT WITH GRANULAR MATERIAL, CCS, FABRIC, AS PER PLAN, CONTINGENCY, AS DIRECTED	70				70	C.Y.
251	E01001	PARTIAL DEPTH PAVEMENT REPAIR, AS PER PLAN	60				60	S.Y.
253	E02001	PAVEMENT REPAIR, AS PER PLAN	0	93	24	100	217	C.Y.
254	E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN	0	7891	1989	8553	18,433	S.Y.
255	e10180	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC MS, T=9", APP	60				60	S.Y.
407	E20205	TACK COAT, TRACKLESS TACK (.1 gal/sy)	0	790	199	856	1,845	GAL.
422	E10001	SINGLE CHIP SEAL, TYPE A, AS PER PLAN	0	7891	1989	8553	18,433	S.Y.
441	E50001	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448) PG64-22, AS PER PLAN	0	329	83	357	769	C.Y.
441	E50201	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), AS PER PLAN	0	220	56	238	514	C.Y.
452	e10121	6 INCH NON-REINFORCED CONCRETE DRIVES AND APRONS, CLASS QC MS, INCLUDING FIBER REINFORCING, INCLUDING REMOVAL, AS PER PLAN	60				60	S.Y.
609	e10005	ASPHALT CONCRETE CURB, INCLUDING REMOVAL, AS PER PLAN				400	400	FT.
609	e26211	CURB, TYPE 6, QCMS CONCRETE, INCLUDING REMOVAL, AS PER PLAN	50	400	100		550	FT.
611	e98627	CATCH BASIN ADJUSTED TO GRADE, METHOD D.1 (brick), AS PER PLAN			4	15	19	EA.
611	e98636	CATCH BASIN PARTIALLY RECONSTRUCTED TO GRADE, AS PER PLAN	5				5	VERT. FT.
611	e99656	MANHOLE ADJUSTED TO GRADE, METHOD D.1 (brick), AS PER PLAN		2	3	32	37	EA.
611	e99672	MANHOLE PARTIALLY RECONSTRUCTED TO GRADE, AS PER PLAN	5				5	VERT. FT.
611	E99820	SPECIAL - MISCELLANEOUS METAL	1500				1,500	LB
614	E11001	MAINTAINING TRAFFIC, AS PER PLAN	1				1	LUMP
638	E10801	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN		7	2	18	27	EA.
642	e00010	TRAFFIC PAINT, AS PER PLAN	1				1	LUMP
999	s99998	CONTINGENCY/DISCRETIONARY ALLOWANCE	1				1	LUMP

**PAVEMENT MARKING BREAKDOWN
FOR 2024 PAVEMENT REPAIR PROGRAM
WILLOUGHBY, OHIO**

Item Description	Shankland Rd	Grove Ave.	Park Ave.	Total Quantity	UNIT
STOP BAR (FT)	60	25	13	98	FT
DOUBLE YELLOW CENTERLINE (MILE)	2330.00			2,330.00	MILE
CROSS WALK (FT)	270	105	57	432	FT
SCHOOL SYMBOL (EACH)	2			2	EACH

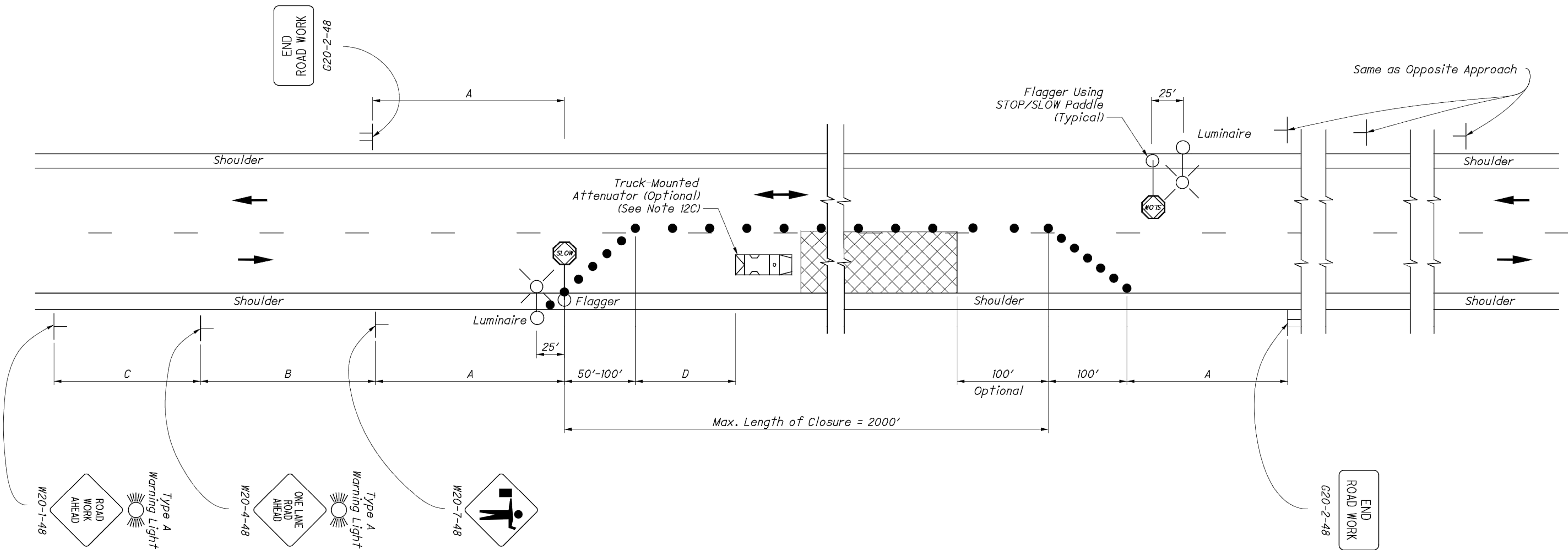


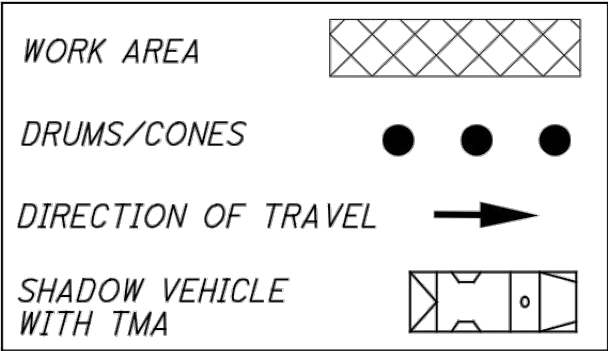
TABLE I (SIGN SPACING)

ROAD TYPE	DISTANCE BETWEEN SIGNS (FT)		
	A	B	C
Two-Lane (≤ 40 MPH)	100	100	100
Two-Lane (45-50 MPH)	350	350	350
Two-Lane (55-60 MPH)	500	500	500

TABLE II

SPEED LIMIT (MPH)	BUFFER (D) (FT) MIN.
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570

LEGEND



NOTES:

FLAGGERS

- Flaggers, one for each direction, shall be used to control traffic continuously for as long as a one lane operation is in effect. The flaggers shall be able to communicate with each other at all times.

LENGTH OF CLOSURE

- Several small work areas close together should be combined into one work zone. However, the closure shall not be more than 2000' long unless approved by the Engineer. The minimum length between closures shall be 2000'. Only one side of the road shall be closed in any one work zone.

SIGN LOCATION AND SPACING

- The minimum spacing between work zone signs is shown in Table I. Maximum spacing should not be greater than 1.5 times the distances shown in Table I.
- Sign spacing should be adjusted to avoid conflict with existing signs. Minimum spacing to existing signs shall be 200' for speeds of 45 mph or less and a minimum of 400' for speeds of 50 mph or greater.
- The location of the advance warning signs should be adjusted to provide for adequate sight distance for the existing vertical and horizontal roadway alignment.

ADJUSTMENTS FOR SIGHT DISTANCE

- The location of the flagger station and the advance warning signs should be adjusted to provide for adequate sight distance for the existing vertical and horizontal roadway alignment.

BASIC SIGNING

- ROAD WORK AHEAD (W20-1) signs shall be provided on entrance ramps or roadways entering the work limits.
- END ROAD WORK (G20-2) signs are only required for lane closures of more than 1 day. It is intended that these signs be placed on the mainline, on all exit ramps, and on roadways exiting the work limits.
- Overlapping of signing for adjacent projects should be avoided where the messages could be confusing. Any ROAD WORK AHEAD (W20-1) or END ROAD WORK (G20-2) sign which falls within the limits of another traffic control zone shall be omitted or covered during the period when both projects are active.

SIGNING DETAILS

- The Advisory Speed (W13-1P) plaque shall be used when specified in the plan.
- 36" warning signs may be used when the approach speed limit is 40 mph or less.

FLASHING WARNING LIGHTS

- Type A flashing warning lights shown on the ROAD WORK AHEAD (W20-1) signs and on the LANE CLOSED AHEAD (W20-5) signs are required whenever a night lane closure is necessary.

DRUMS / CONES

- Drum spacing shall be as follows:
 - Spacing along the closure shall be 40' center-to-center.
 - Spacing along the approach Taper shall be 10' center-to-center.
- Cones may be substituted for drums as follows:
 - Cones used for daytime traffic control shall have a minimum height of 28".
 - Cones used for nighttime traffic control shall have a minimum height of 42".
 - Use of cones at night shall be prohibited along Tapers.

- Provisions shall be made to stabilize the cones and drums to prevent them from blowing over.
- A minimum of two drums shall be used to close the paved shoulder.

(RESERVED FOR FUTURE USE)

AREA ILLUMINATION

- Adequate area illumination of each flagger station shall be provided at night. Use of portable flood lighting is acceptable. Luminaires shall be located adjacent to each flagger station.
- To ensure the adequacy of floodlight placement and the elimination of glare, the Contractor and the Engineer shall drive through the worksite each night when the lighting is in place. Light placement and shielding shall be adjusted to the satisfaction of the Engineer.

INTERSECTION / DRIVEWAY ACCESS

- Within the length of closure, provision shall be made to control traffic entering from intersecting streets and major drives as necessary to prevent wrong-way movements and to keep vehicles off of new pavement not ready for traffic. The Contractor shall:
 - Place across the closed lane, either three drums (cones) or barricades, and/or
 - Provide an additional flagger at every public street intersection and major driveway.

Drums (cones) placed across the closed lane shall be located 25' beyond the projected pavement edges of the driveway or cross highway, as shown in Standard Construction Drawings (SCDs MT-97.11 or MT-97.12. For barricades, see SCD MT-101.60.

Existing STOP signs shall be relocated as necessary to assure proper location for the traffic conditions.

The method of control shall be subject to the approval of the Engineer.

SHADOW VEHICLE

- The shadow vehicle shall be in place and unoccupied whenever workers are in the work area. This vehicle shall be removed from the pavement whenever workers are not in the work area.
- The shadow vehicle shall be equipped with a high-intensity yellow rotating, flashing, oscillating, or strobe light(s).
- The shadow vehicle shall be equipped with a truck-mounted or trailer attenuator (TMA) in accordance with CMS 614.03 when called for in the plans.

CHIP SEAL OPERATIONS

- For chip seal operations, additional signing shall be incorporated in the advanced warning area.
 - The LOOSE GRAVEL (W8-7) and FRESH TAR (W21-2) signs shall both be used in advance of the chip seal operation.
 - Repeat the LOOSE GRAVEL sign with a 35 mph Advisory Speed (W13-1) plaque every half mile per CMS 422.09.
 - The FRESH TAR and the LOOSE GRAVEL signs shall both be used for signing of side roads intersecting the work area.

STATE OF OHIO
PROJECT NO. 49899
REGISTERED PROFESSIONAL ENGINEER
GEORGE M. STEVENS
86166

verdantas

NO	REVISION	DATE

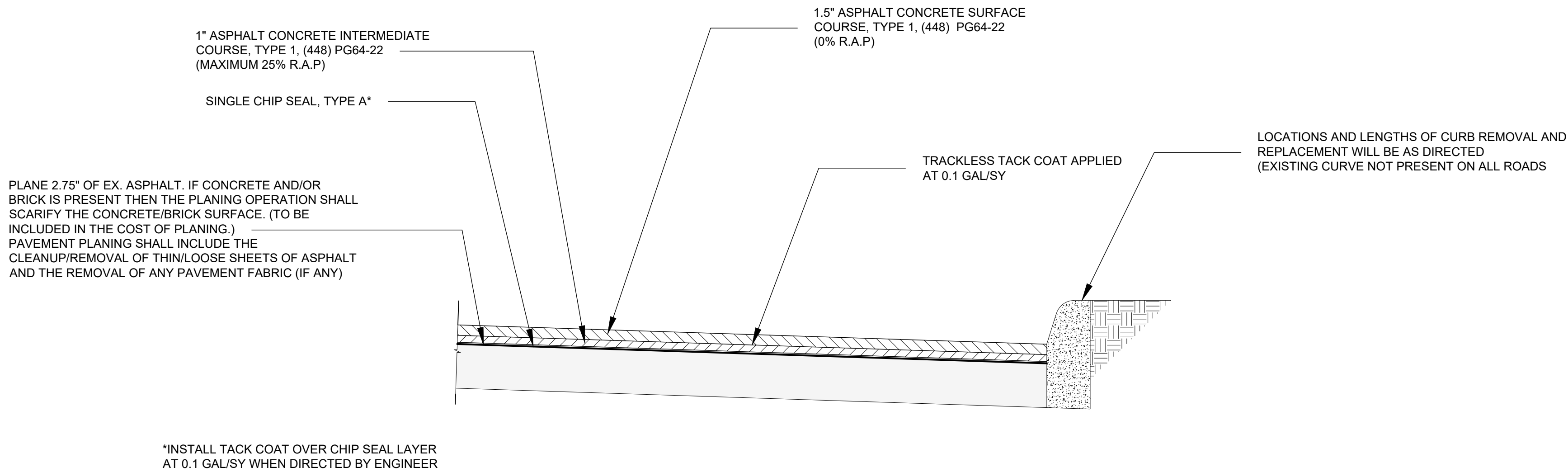
ISSUE DATE:	7/21/26
SCALE:	AS SHOWN
DESIGNED BY:	CKW
DRAWN BY:	CKW
CHECKED BY:	GMS

CITY OF WILLOUGHBY
2026 PAVEMENT REPAIR PROGRAM
- LAKE COUNTY, OHIO -

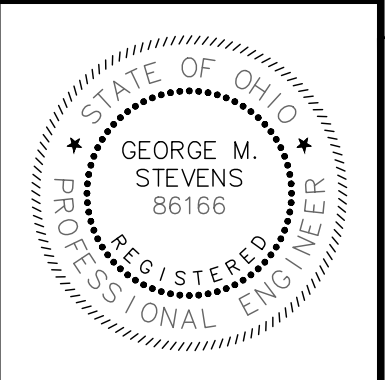
MAINTENANCE OF TRAFFIC

PROJECT NO.	49899
DISCIPLINE	CIVIL
SHEET NAME	G-2
SHEET	3
OF	12

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TYPICAL ASPHALT RESURFACING
NOT TO SCALE



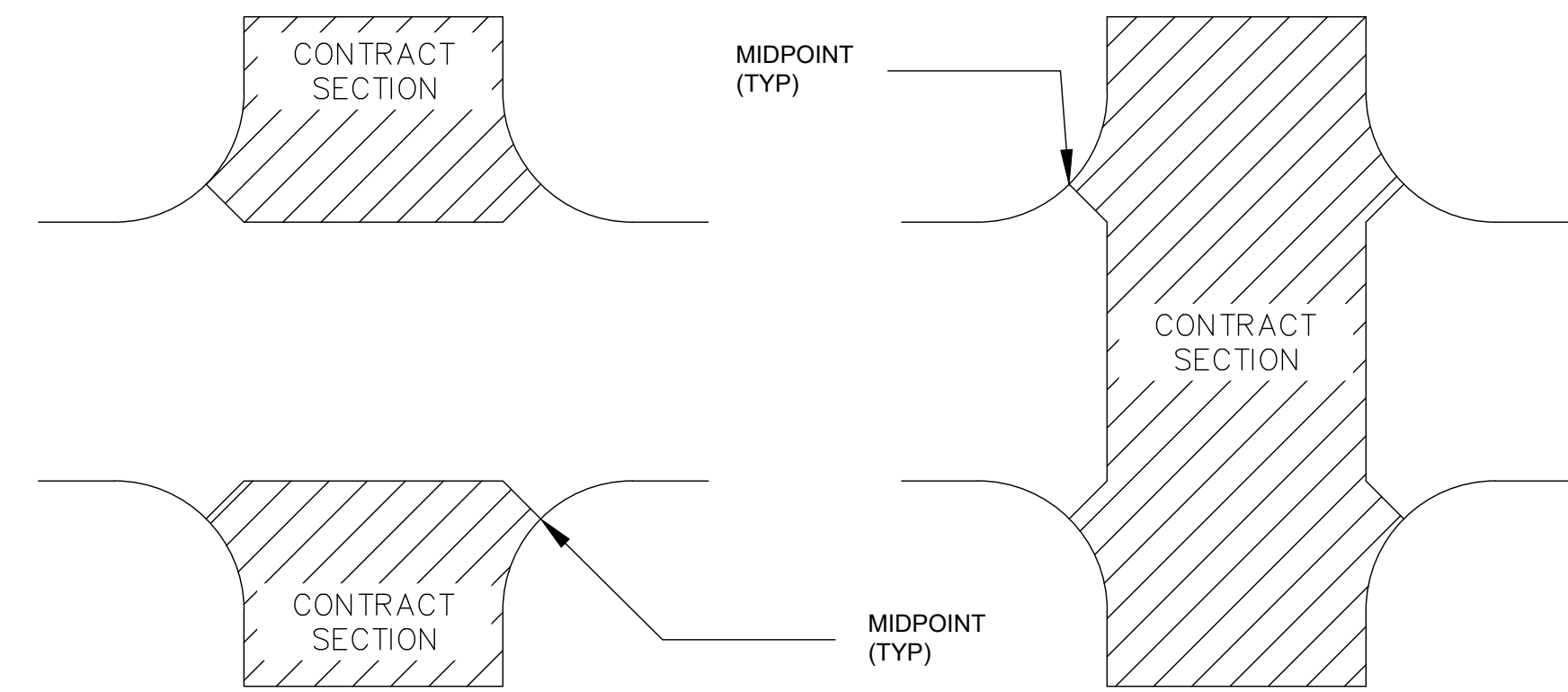
NO	REVISION	DATE

ISSUE DATE:	7/21/26
SCALE:	AS SHOWN
DESIGNED BY:	CKW
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CHECKED BY:	GMS

CITY OF WILLOUGHBY
2026 PAVEMENT REPAIR PROGRAM
- LAKE COUNTY, OHIO -

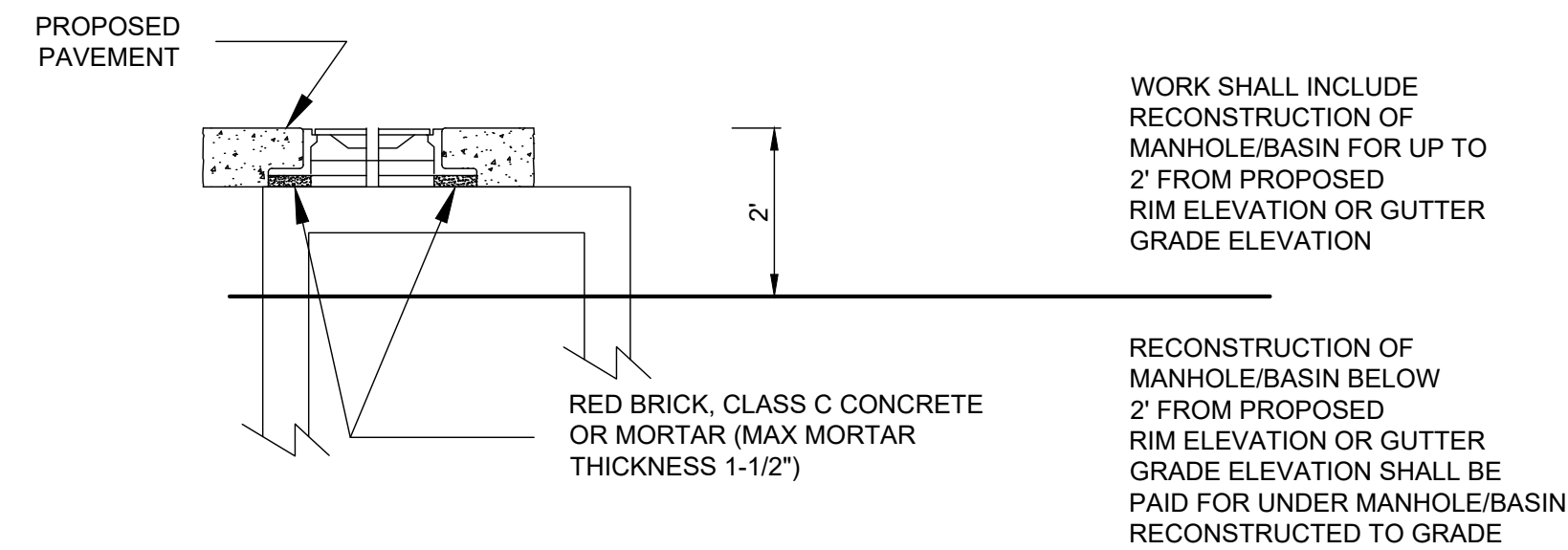
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PROJECT NO.	
49899	
DISCIPLINE	
CIVIL	
SHEET NAME	
D-1	
SHEET	OF
4	12

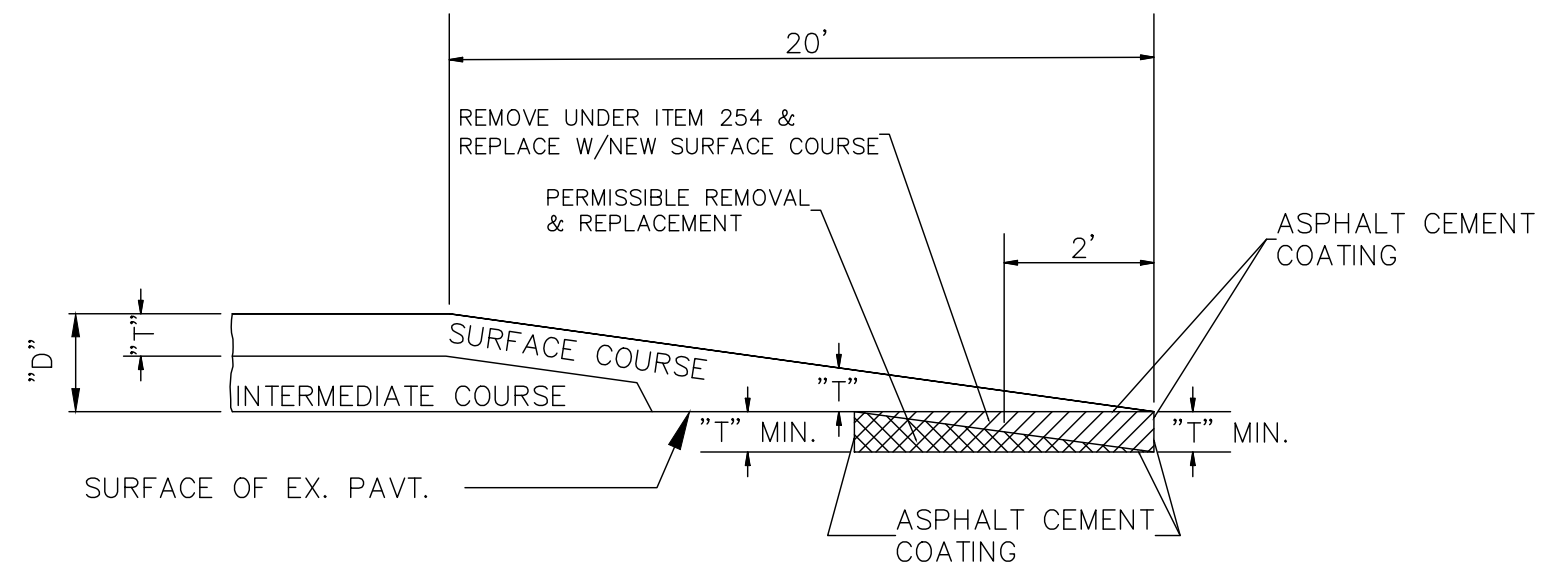


TYPICAL GRINDING AT INTERSECTIONS

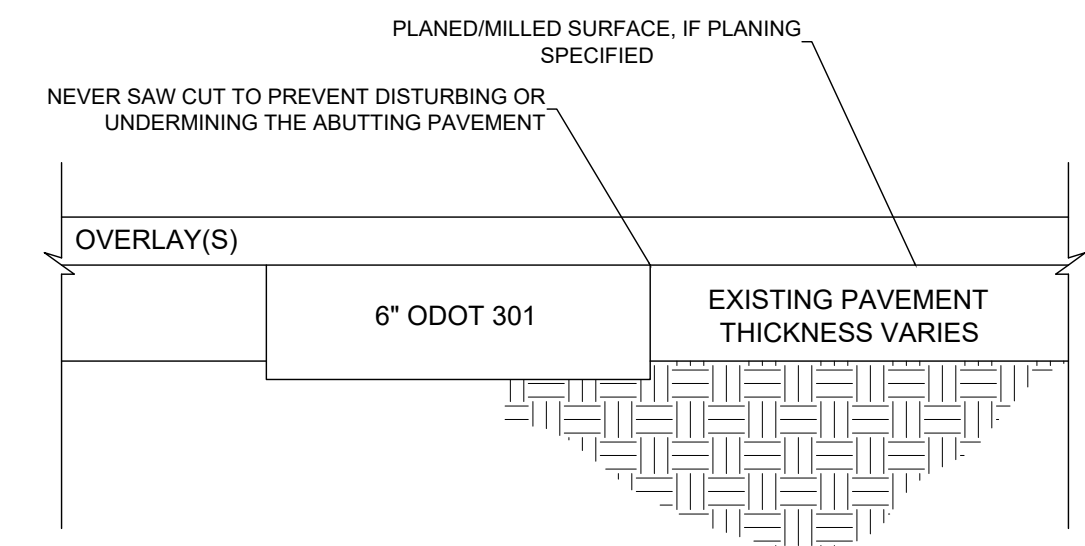
ALL SANITARY AND STORM MANHOLE COVERS WITHIN THE PROJECT LIMITS SHALL BE REPLACED WITH CUSTOM EAST JORDAN 1710A "CITY OF WILLOUGHBY" COVERS. SANITARY COVER PRODUCT NUMBER "NPR20-000117-14991". STORM COVER PRODUCT NUMBER "NPR20-000117-14974". EXISTING FRAMES SHALL BE REPLACED AS NECESSARY



M.H./I.B. ADJUSTED TO GRADE

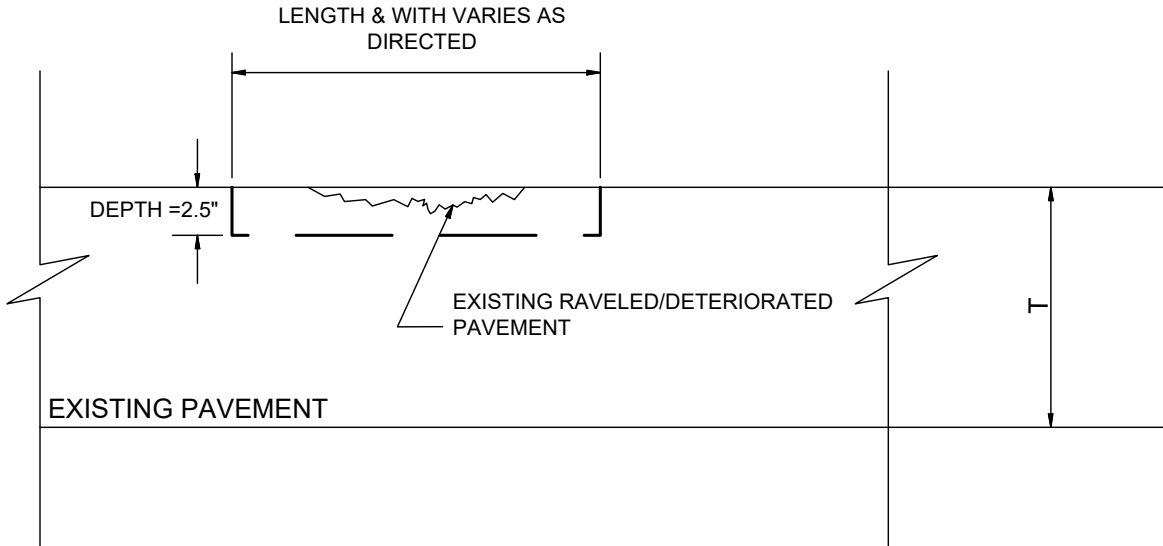


BUTT JOINT DETAIL



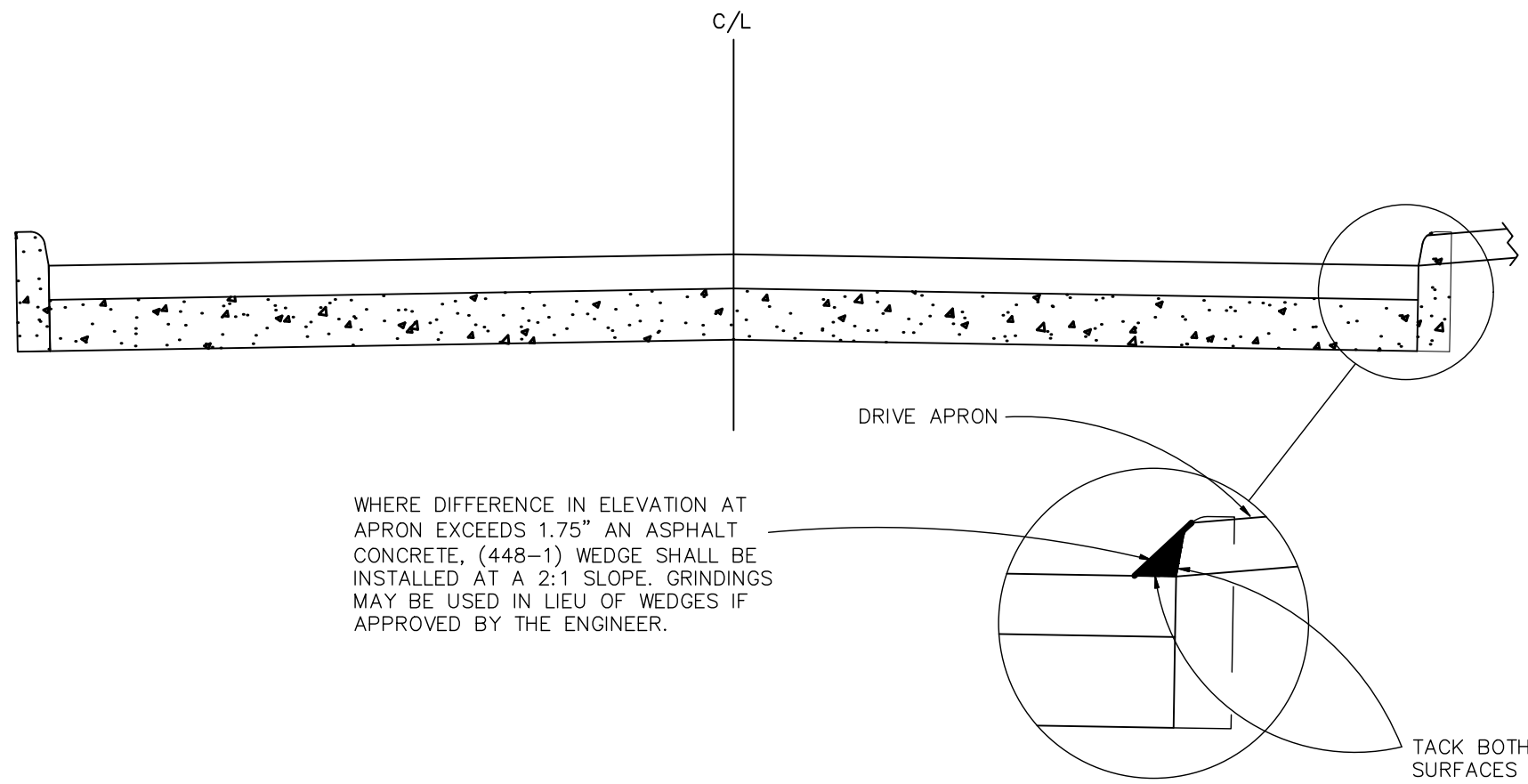
PAVEMENT REPAIR DETAIL (ITEM 253)

NOTE: ITEM SHALL BE USED AS DIRECTED

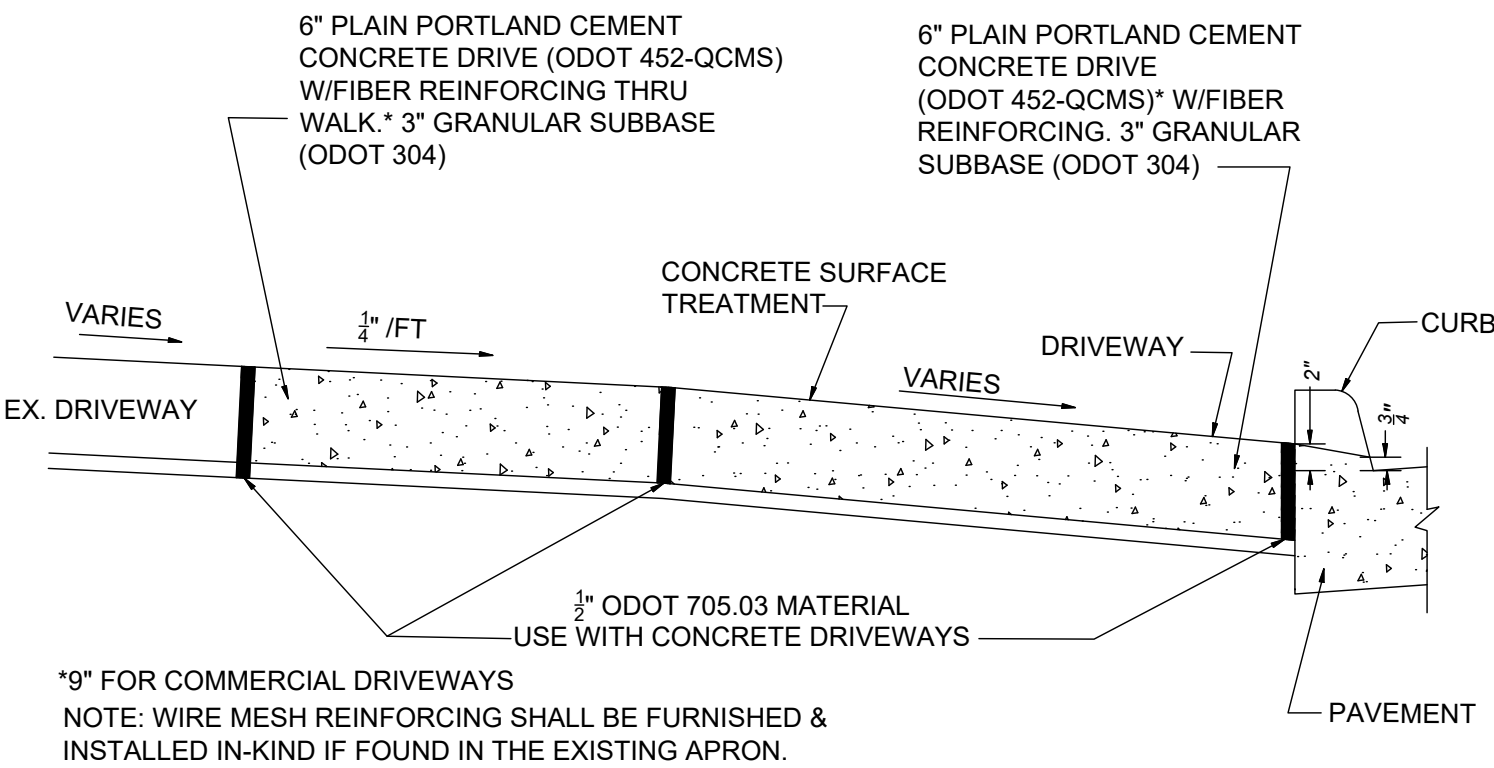


NOTE: ALL LOOSE AND DETERIORATED MATERIAL SHALL BE MILLED OUT UNTIL STABLE PAVEMENT IS FOUND. THE RESULTING EDGE SHALL BE REASONABLY VERTICAL AND SQUARE TO THE BOTTOM AND SHALL BE TACK COATED PRIOR TO THE REPLACEMENT AND COMPACTION OF OVERLAY COURSES.

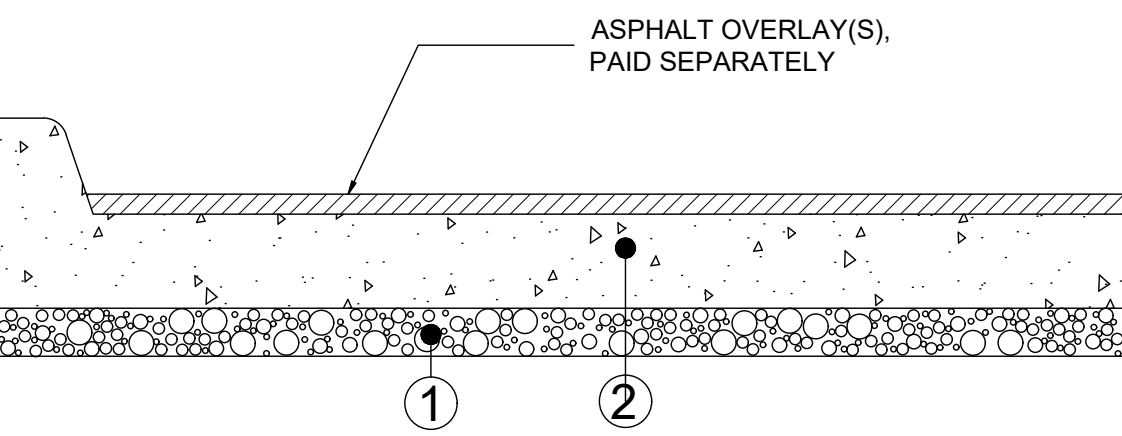
PARTIAL DEPTH PAVEMENT REPAIR ITEM (251)



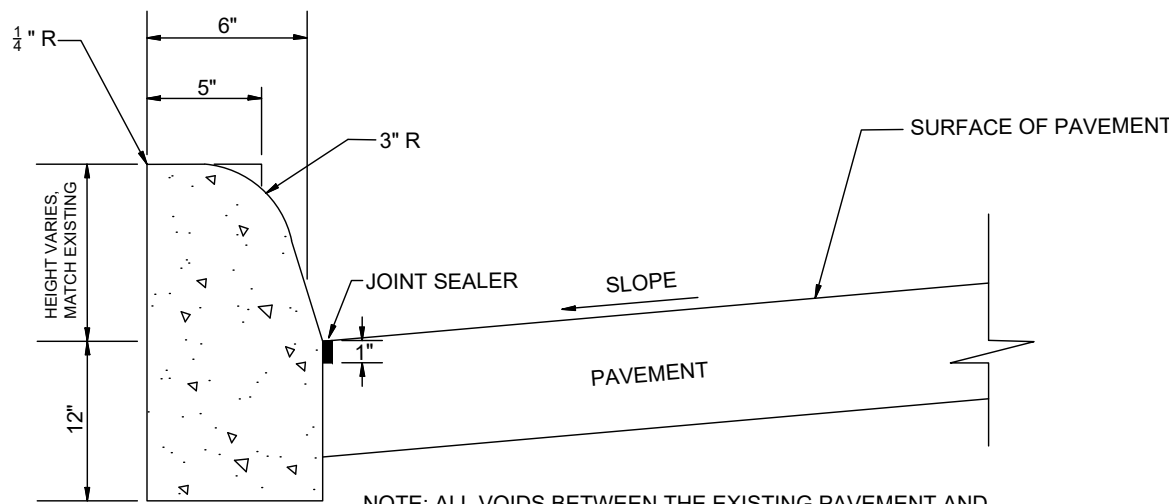
APRON WEDGE DETAIL



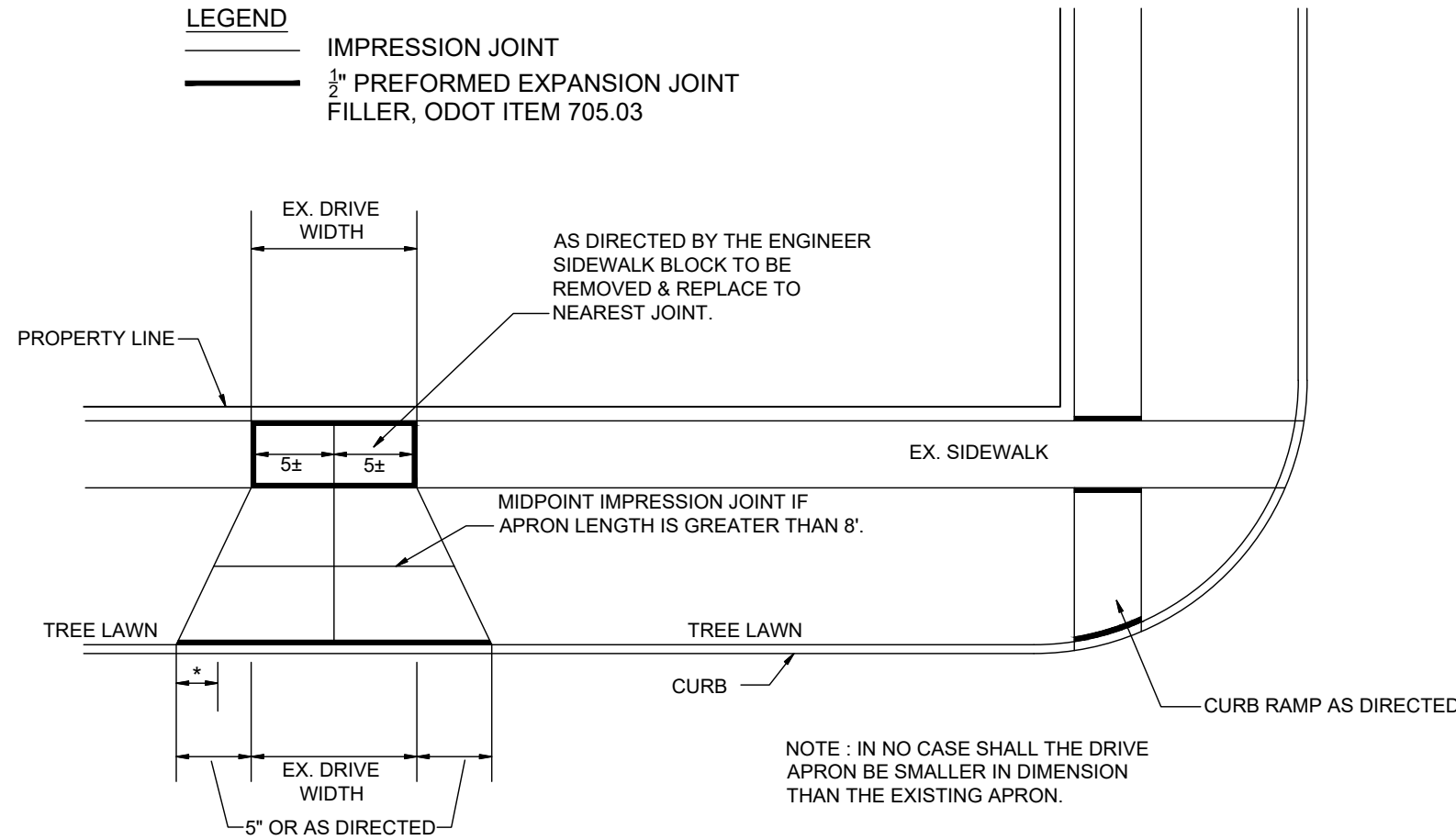
DROP CURB DETAIL AT DRIVEWAY NOT TO SCALE



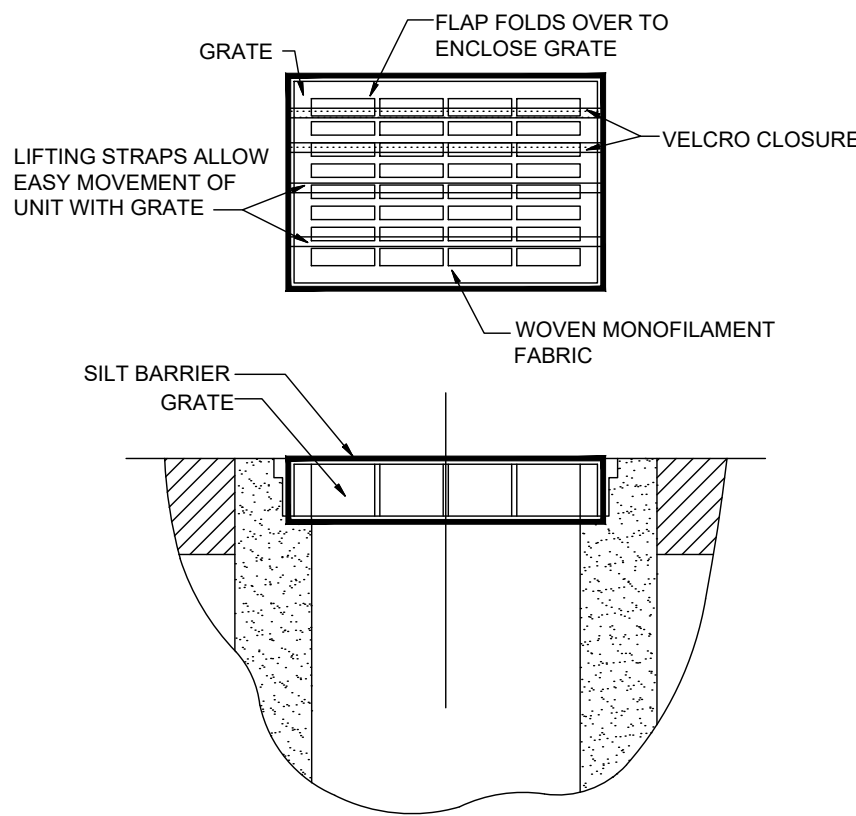
JOINT/SLAB REPLACEMENT DETAIL ITEM (255)



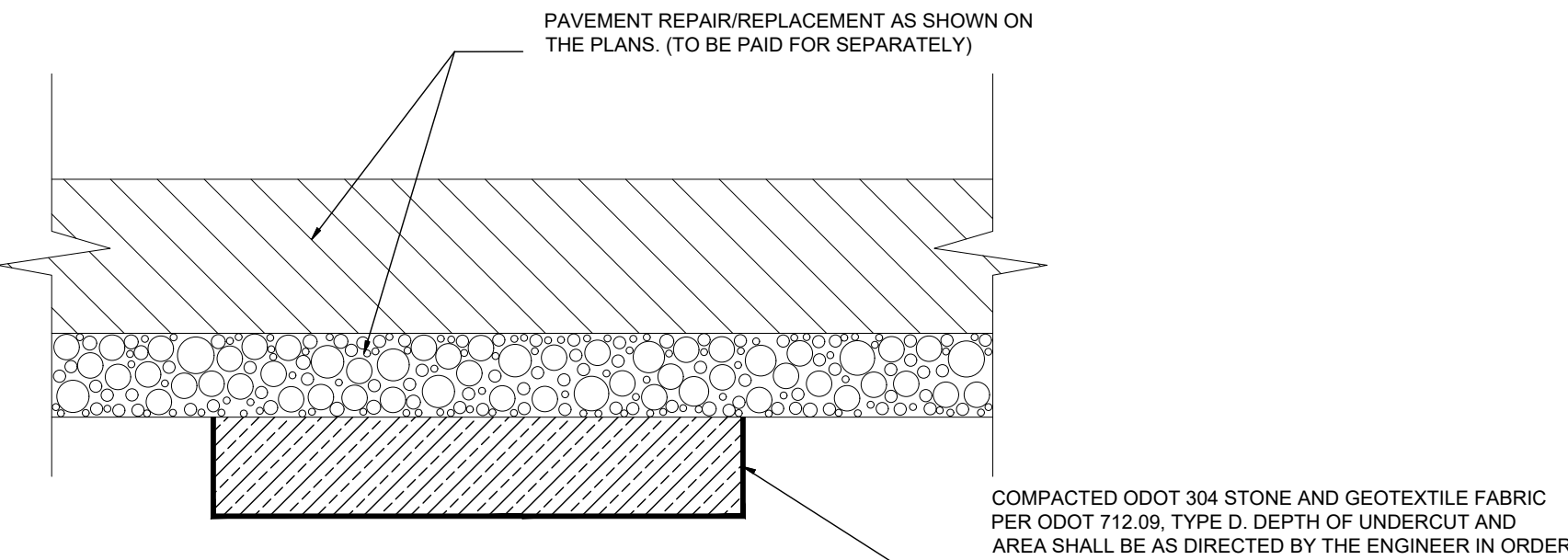
CURB TYPE 6 (VERTICAL CURB)



DRIVEWAY APPROACH DETAIL NOT TO SCALE



INLET PROTECTION FOR CATCH BASIN IN ROADWAY



ADDITIONAL SUBGRADE REPLACEMENT DETAIL (ITEM 204)

STATE OF OHIO
PROFESSIONAL ENGINEER
GEORGE M. STEVENS
86166

verdantas

NO	REVISION	DATE

ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
7/21/26	AS SHOWN	CKW	CKW	GMS

CITY OF WILLOUGHBY
2026 PAVEMENT REPAIR PROGRAM
- LAKE COUNTY, OHIO -

DETAILS

PROJECT NO.	49899
DISCIPLINE	CIVIL
SHEET NAME	D-2
SHEET	OF
5	12

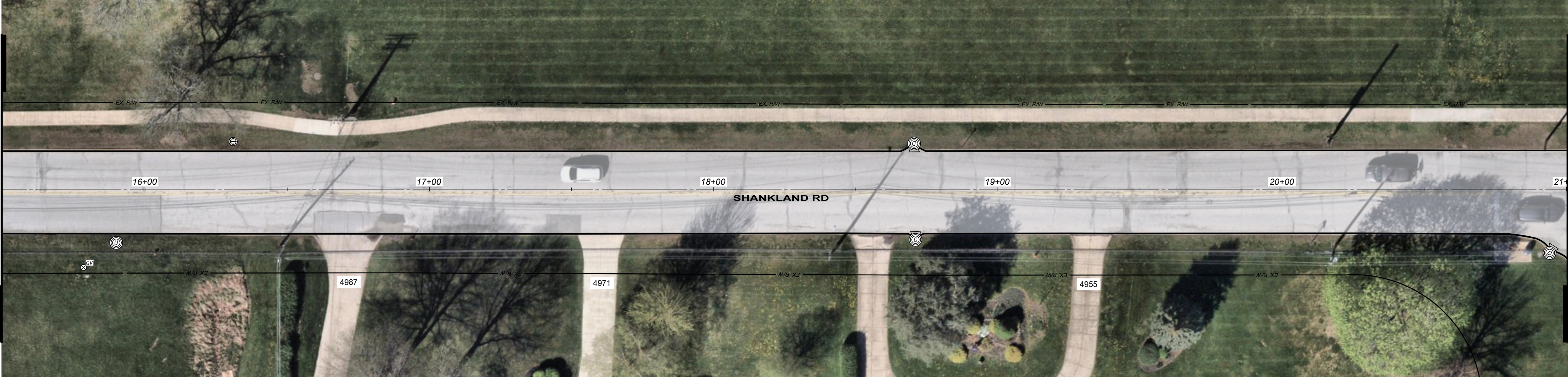
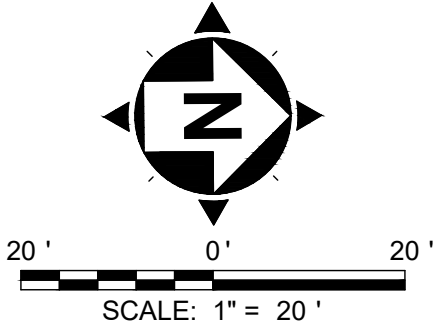
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Match Line Sta. 15+50.00

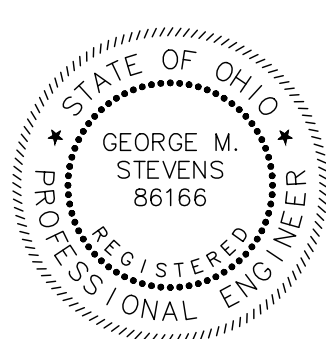
LEGEND

- | | | | |
|--|---|--|--|
| | EXISTING SANITARY MANHOLE | | EXISTING CURB INLET |
| | EXISTING SANITARY MANHOLE (ADJUST TO GRADE) | | EXISTING CURB INLET (ADJUST TO GRADE) |
| | EXISTING MANHOLE | | EXISTING CATCH BASIN |
| | EXISTING MANHOLE (ADJUST TO GRADE) | | EXISTING CATCH BASIN (ADJUST TO GRADE) |
| | EXISTING STORM MANHOLE (ADJUST TO GRADE) | | MONUMENT BOX (ADJUST TO GRADE) |
| | EXISTING WATER VALVE BOX | | PROPOSED ASPHALT MILL AND FILL |
| | EXISTING WATER VALVE BOX (ADJUST TO GRADE) | | |



Match Line Sta. 15+50.00

Match Line Sta. 21+00.00



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NO	REVISION	DATE

ISSUE DATE:	7/21/26
SCALE:	AS SHOWN
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DRAWN BY:	CKW
CHECKED BY:	GMS

CITY OF WILLOUGHBY
2026 PAVEMENT REPAIR PROGRAM
- LAKE COUNTY, OHIO -

SHANKLAND RD
STA. 10+00 TO 21+00

PROJECT NO. 49899	
DISCIPLINE CIVIL	
SHEET NAME P-1	
SHEET 6	OF 12



LEGEND

- ⊙

EXISTING SANITARY MANHOLE
- ⊙

EXISTING SANITARY MANHOLE (ADJUST TO GRADE)
- ⊙

EXISTING MANHOLE
- ⊙

EXISTING MANHOLE (ADJUST TO GRADE)
- ⊙

EXISTING STORM MANHOLE (ADJUST TO GRADE)
- ⊗^{WV}

EXISTING WATER VALVE BOX
- ⊗^{WV}

EXISTING WATER VALVE BOX (ADJUST TO GRADE)
- ⊙

EXISTING CURB INLET
- ⊙

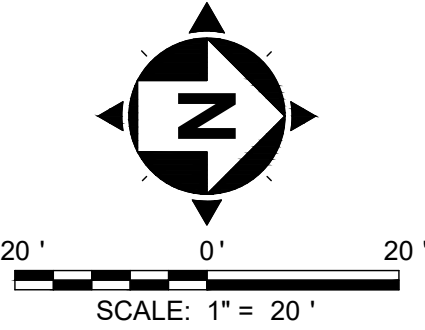
EXISTING CURB INLET (ADJUST TO GRADE)
- ⊙

EXISTING CATCH BASIN
- ⊙

EXISTING CATCH BASIN (ADJUST TO GRADE)
- M

MONUMENT BOX (ADJUST TO GRADE)
- ▭

PROPOSED ASPHALT MILL AND FILL



STATE OF OHIO
GEORGE M. STEVENS
86166
REGISTERED PROFESSIONAL ENGINEER

verdantas

NO	REVISION	DATE

ISSUE DATE:	7/21/26
SCALE:	AS SHOWN
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DRAWN BY:	CKW
CHECKED BY:	GMS

CITY OF WILLOUGHBY

2026 PAVEMENT REPAIR PROGRAM

- LAKE COUNTY, OHIO -

SHANKLAND RD

STA. 21+00 TO 32+00

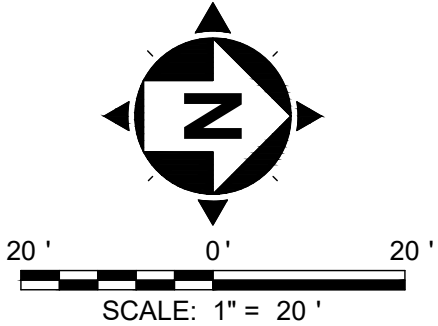
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DISCIPLINE	
CIVIL	
SHEET NAME	
P-2	
SHEET	OF
7	12

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LEGEND

- EXISTING SANITARY MANHOLE
- EXISTING SANITARY MANHOLE (ADJUST TO GRADE)
- EXISTING MANHOLE
- EXISTING MANHOLE (ADJUST TO GRADE)
- EXISTING STORM MANHOLE (ADJUST TO GRADE)
- EXISTING WATER VALVE BOX
- EXISTING WATER VALVE BOX (ADJUST TO GRADE)
- EXISTING CURB INLET
- EXISTING CURB INLET (ADJUST TO GRADE)
- EXISTING CATCH BASIN
- EXISTING CATCH BASIN (ADJUST TO GRADE)
- MONUMENT BOX (ADJUST TO GRADE)
- PROPOSED ASPHALT MILL AND FILL



STATE OF OHIO
PROFESSIONAL ENGINEER
REGISTERED
GEORGE M. STEVENS
86166

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CITY OF WILLOUGHBY
2026 PAVEMENT REPAIR PROGRAM
- LAKE COUNTY, OHIO -

SHANKLAND RD
STA. 32+00 TO 34+14

PROJECT NO. 49899	
DISCIPLINE CIVIL	
SHEET NAME P-3	
SHEET 8	OF 12

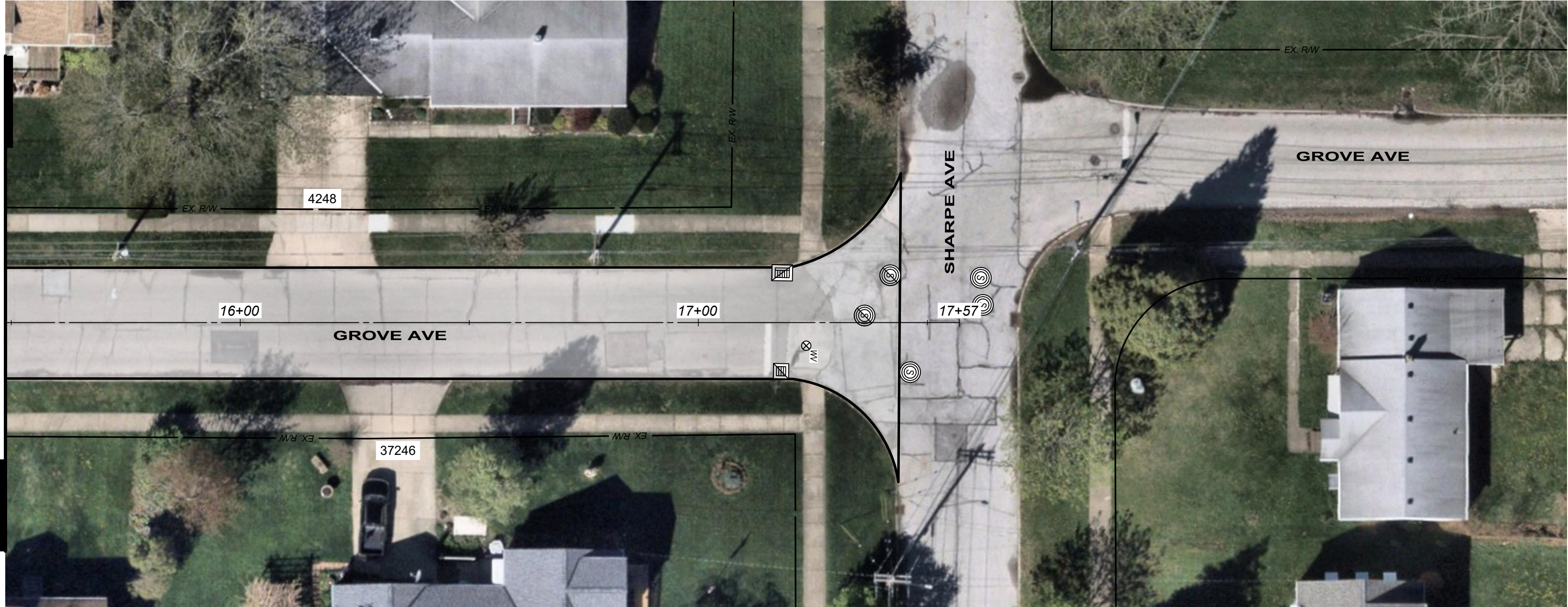
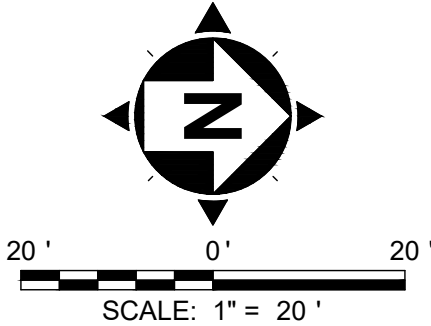
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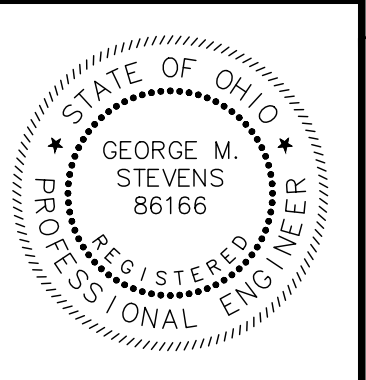
Match Line Sta. 15+50.00

LEGEND

- EXISTING SANITARY MANHOLE
- EXISTING SANITARY MANHOLE (ADJUST TO GRADE)
- EXISTING MANHOLE
- EXISTING MANHOLE (ADJUST TO GRADE)
- EXISTING STORM MANHOLE (ADJUST TO GRADE)
- EXISTING WATER VALVE BOX
- EXISTING WATER VALVE BOX (ADJUST TO GRADE)
- EXISTING CURB INLET
- EXISTING CURB INLET (ADJUST TO GRADE)
- EXISTING CATCH BASIN
- EXISTING CATCH BASIN (ADJUST TO GRADE)
- MONUMENT BOX (ADJUST TO GRADE)
- PROPOSED ASPHALT MILL AND FILL



Match Line Sta. 15+50.00



REVISION		NO	DATE

ISSUE DATE:	7/21/26
SCALE:	AS SHOWN
DESIGNED BY:	CKW
DRAWN BY:	CKW
CHECKED BY:	GMS

CITY OF WILLOUGHBY

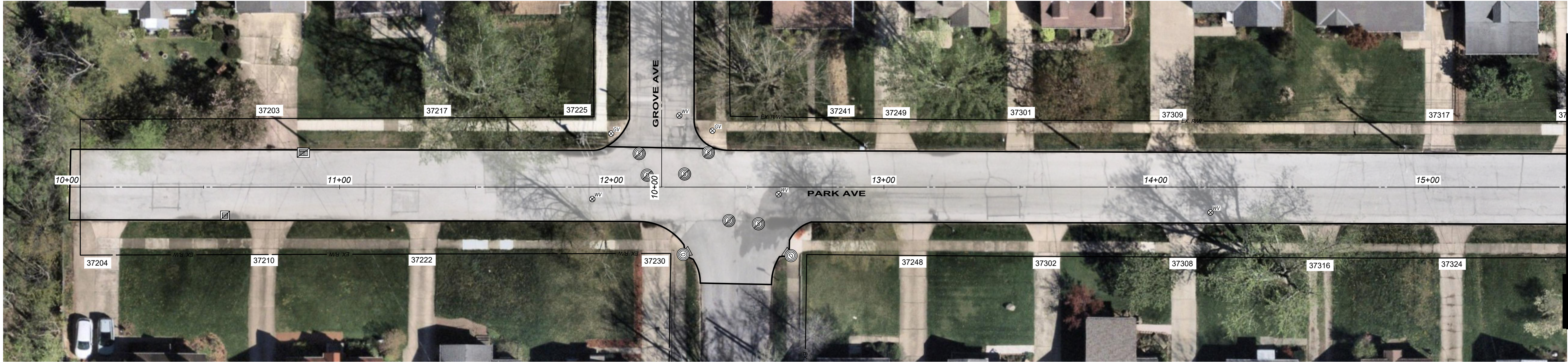
2026 PAVEMENT REPAIR PROGRAM

- LAKE COUNTY, OHIO -

GROVE AVE

STA. 10+00 TO 17+57

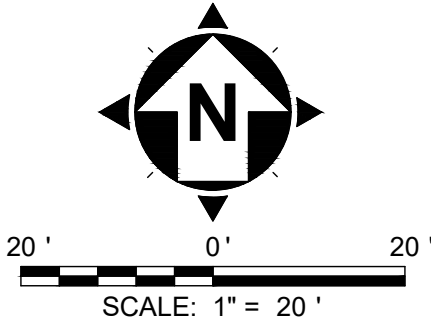
PROJECT NO.	
49899	
DISCIPLINE	
CIVIL	
SHEET NAME	
P-4	
SHEET	OF
9	12



Match Line Sta. 15+50.00

LEGEND

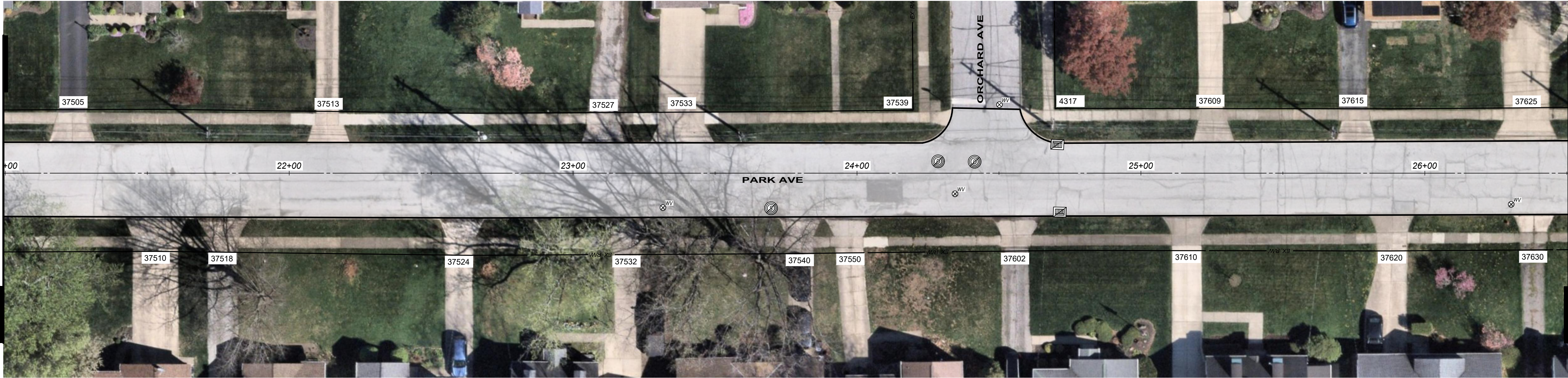
- | | | | |
|--|---|--|--|
| | EXISTING SANITARY MANHOLE | | EXISTING CURB INLET |
| | EXISTING SANITARY MANHOLE (ADJUST TO GRADE) | | EXISTING CURB INLET (ADJUST TO GRADE) |
| | EXISTING MANHOLE | | EXISTING CATCH BASIN |
| | EXISTING MANHOLE (ADJUST TO GRADE) | | EXISTING CATCH BASIN (ADJUST TO GRADE) |
| | EXISTING STORM MANHOLE (ADJUST TO GRADE) | | MONUMENT BOX (ADJUST TO GRADE) |
| | EXISTING WATER VALVE BOX | | PROPOSED ASPHALT MILL AND FILL |
| | EXISTING WATER VALVE BOX (ADJUST TO GRADE) | | |



Match Line Sta. 21+00.00

STATE OF OHIO PROFESSIONAL ENGINEER GEORGE M. STEVENS 86166		
CITY OF WILLOUGHBY 2026 PAVEMENT REPAIR PROGRAM - LAKE COUNTY, OHIO -		
PARK AVE STA. 10+00 TO 21+00		
PROJECT NO. 49899		
DISCIPLINE CIVIL		
SHEET NAME P-5		
SHEET 10	OF 12	
ISSUE DATE: 7/21/26	AS SHOWN	
DESIGNED BY: CKW	CKW	
DRAWN BY: CKW	GMS	
CHECKED BY:		
NO	REVISION	DATE

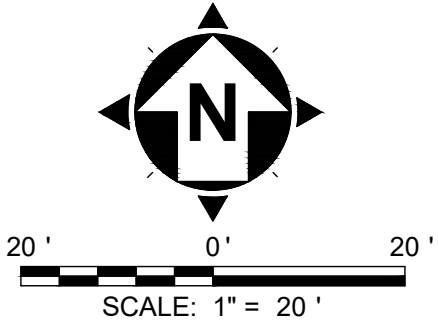
Match Line Sta. 21+00.00



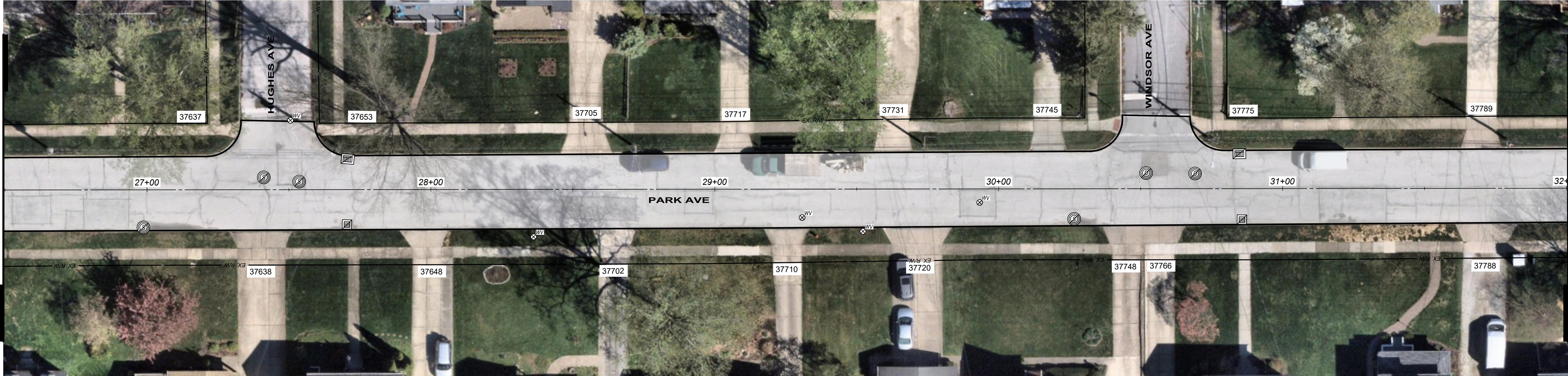
Match Line Sta. 26+50.00

LEGEND

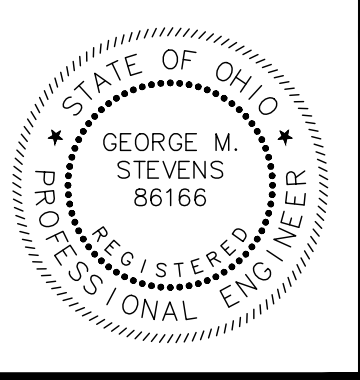
- | | | | |
|--|---|--|--|
| | EXISTING SANITARY MANHOLE | | EXISTING CURB INLET |
| | EXISTING SANITARY MANHOLE (ADJUST TO GRADE) | | EXISTING CURB INLET (ADJUST TO GRADE) |
| | EXISTING MANHOLE | | EXISTING CATCH BASIN |
| | EXISTING MANHOLE (ADJUST TO GRADE) | | EXISTING CATCH BASIN (ADJUST TO GRADE) |
| | EXISTING STORM MANHOLE (ADJUST TO GRADE) | | MONUMENT BOX (ADJUST TO GRADE) |
| | EXISTING WATER VALVE BOX | | PROPOSED ASPHALT MILL AND FILL |
| | EXISTING WATER VALVE BOX (ADJUST TO GRADE) | | |



Match Line Sta. 26+50.00



Match Line Sta. 32+00.00



NO	REVISION	DATE

ISSUE DATE:	7/21/26
SCALE:	AS SHOWN
DESIGNED BY:	CKW
DRAWN BY:	CKW
CHECKED BY:	GMS

CITY OF WILLOUGHBY

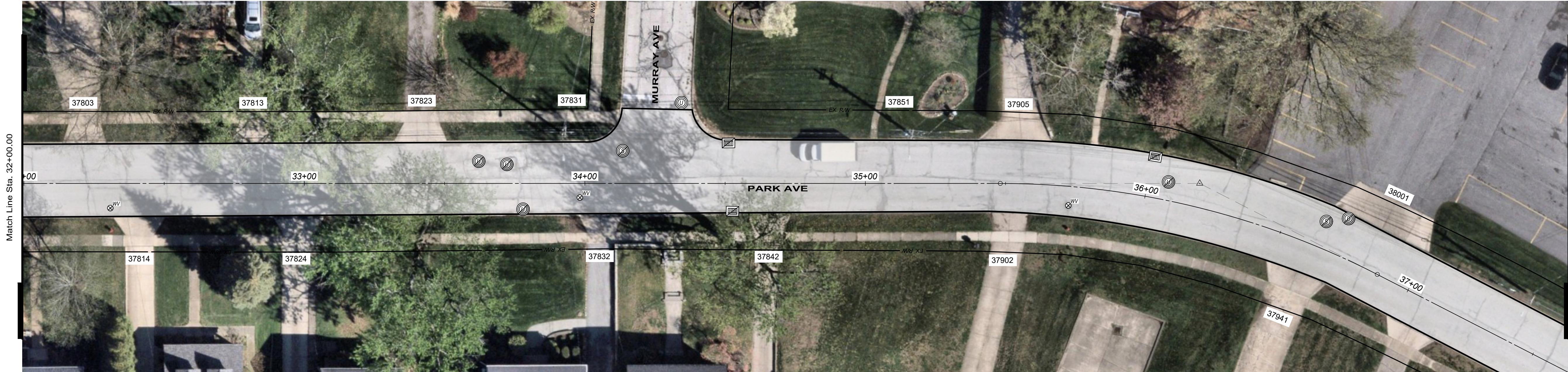
2026 PAVEMENT REPAIR PROGRAM

- LAKE COUNTY, OHIO -

PARK AVE

STA. 21+00 TO 32+00

PROJECT NO.	
49899	
DISCIPLINE	
CIVIL	
SHEET NAME	
P-6	
SHEET	OF
11	12

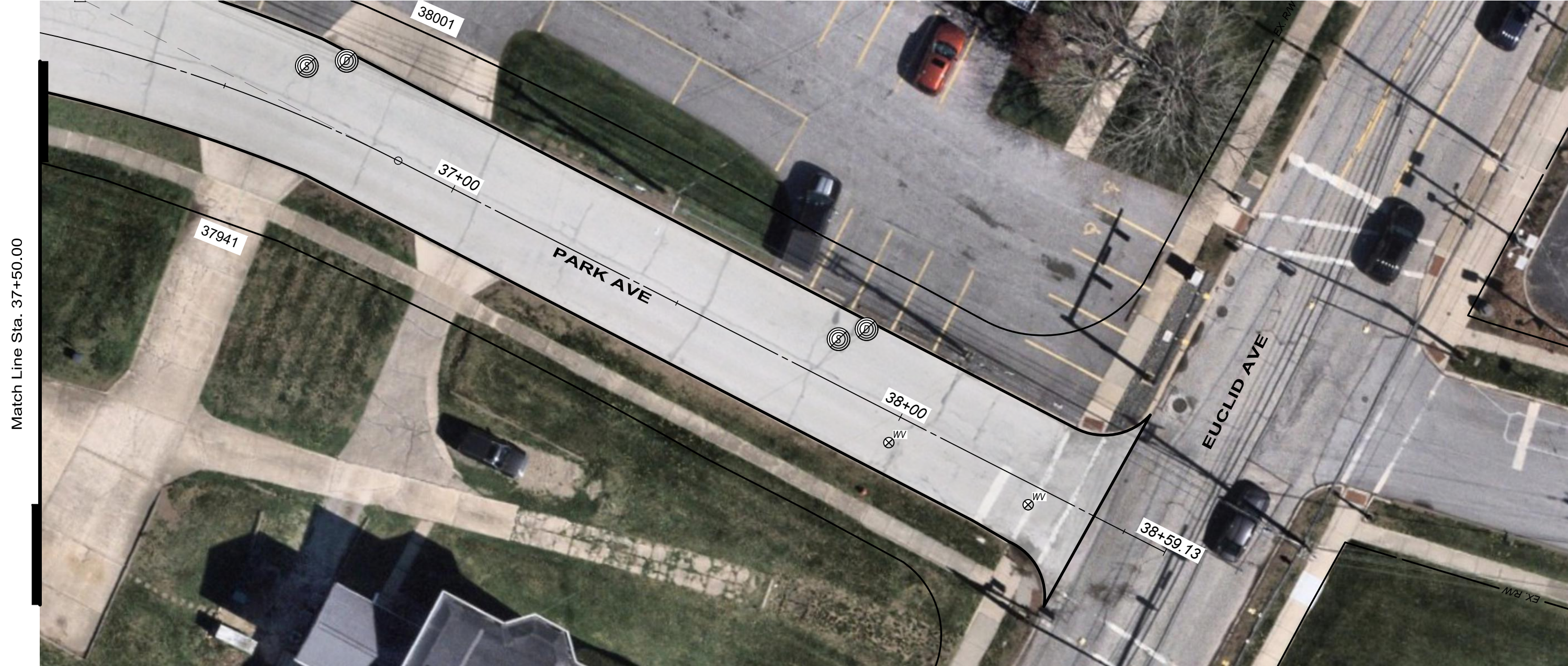
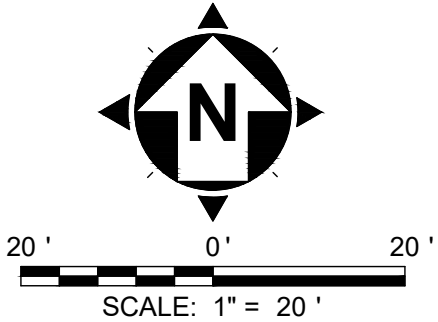


Match Line Sta. 32+00.00

Match Line Sta. 37+50.00

LEGEND

- | | | | |
|--|---|--|--|
| | EXISTING SANITARY MANHOLE | | EXISTING CURB INLET |
| | EXISTING SANITARY MANHOLE (ADJUST TO GRADE) | | EXISTING CURB INLET (ADJUST TO GRADE) |
| | EXISTING MANHOLE | | EXISTING CATCH BASIN |
| | EXISTING MANHOLE (ADJUST TO GRADE) | | EXISTING CATCH BASIN (ADJUST TO GRADE) |
| | EXISTING STORM MANHOLE (ADJUST TO GRADE) | | MONUMENT BOX (ADJUST TO GRADE) |
| | EXISTING WATER VALVE BOX | | PROPOSED ASPHALT MILL AND FILL |
| | EXISTING WATER VALVE BOX (ADJUST TO GRADE) | | |



Match Line Sta. 37+50.00

STATE OF OHIO

PROFESSIONAL ENGINEER

REGISTERED

GEORGE M. STEVENS

86166

verdantas

NO	REVISION	DATE

ISSUE DATE:	7/21/26
SCALE:	AS SHOWN
DESIGNED BY:	CKW
DRAWN BY:	CKW
CHECKED BY:	GMS

CITY OF WILLOUGHBY

2026 PAVEMENT REPAIR PROGRAM

- LAKE COUNTY, OHIO -

PARK AVE

STA. 32+00 TO 38+59

PROJECT NO.	
49899	
DISCIPLINE	
CIVIL	
SHEET NAME	
P-7	
SHEET	OF
12	12