

# VILLAGE OF WHEELING COOK COUNTY STATE OF ILLINOIS

## 2020 MFT STREET IMPROVEMENT PROGRAM M.F.T. SECTION 20-00088-00-RS

**CONTACTS:**  
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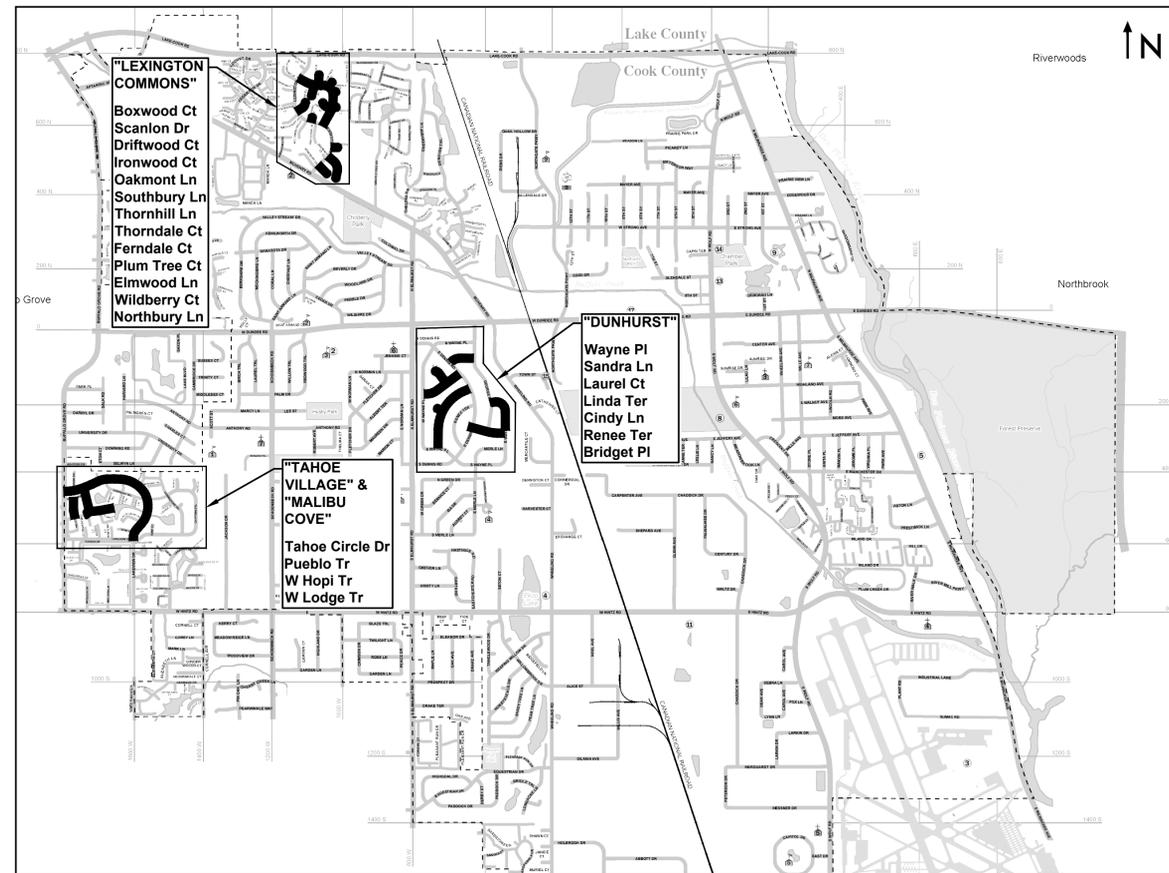
**PREPARED BY:**  
Haeger Engineering LLC  
Illinois Prof. Design Firm #184-003152  
100 E. State Parkway  
Schaumburg, IL 60173  
Tel: 847-394-6600  
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**BENCHMARKS:**

**VILLAGE OF WHEELING BM-15**  
2.5" Aluminum Disk Stamped 'Village of Wheeling - Survey Marker' at sanitary lift station at southeast corner of Dundee Road & Milwaukee Ave.  
Elevation = 646.315 (NAVD 88)

**VILLAGE OF WHEELING BM-22**  
2.5" Aluminum Disk stamped 'Village of Wheeling - Survey Marker' on south side of Hintz Road bridge, approximately 500-ft west of Wheeling Road.  
Elevation = 649.119 (NAVD 88)

See Sheets C3.0-C3.1 for Site Benchmarks



LOCATION MAP  
Not To Scale

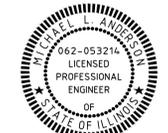
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C24.0	STANDARD DETAILS
C24.1	STANDARD DETAILS

Existing Symbol	Description	Proposed Symbol
⊙	Storm Sewer Manhole	⊙
○	Catch Basin	●
□	Inlet	□
⊕	Sanitary Sewer Manhole	⊕
⊖	Clean Out	⊖
—	Storm Sewer	—
—	Sanitary Sewer	—
—	Water Main	—
—	Water Main Service	—
⊕	Fire Hydrant	⊕
⊕	Valve Vault	⊕
⊕	Valve Box	⊕
⊕	B-Box	⊕
⊕	Light Pole	⊕
⊕	Hand Hole	⊕
⊕	Fence	⊕
⊕	Sign	⊕
⊕	Gas Valve	⊕
⊕	Gas Line	⊕
⊕	Electric Line	⊕
⊕	Lamp Post	⊕
⊕	Curb & Gutter	⊕
⊕	Depressed Curb & Gutter	⊕
⊕	Retaining Wall	⊕
⊕	Curb Elevation and Gutter Elevation	⊕
⊕	Pavement Elevation	⊕
⊕	Spot Elevation	⊕
⊕	Open Lid Frame & Grate	⊕
⊕	Closed Lid Frame & Lid	⊕
⊕	Contour Line	⊕
⊕	Deciduous Tree	⊕
⊕	Coniferous Tree	⊕
⊕	Bush	⊕

**APPROX. LENGTH OF IMPROVEMENT**

Hopi Tr	424	LF	(Resurfacing)
Lodge Tr (N)	523	LF	(Resurfacing)
Pueblo Tr (N)	326	LF	(Resurfacing)
Tahoe Circle Dr	2535	LF	(Resurfacing)
Northbury Ln	37	LF	(Resurfacing)
Bowwood Ct	167	LF	(Resurfacing)
Driftwood Ct	376	LF	(Resurfacing)
Elmwood Ln	172	LF	(Resurfacing)
Ferndale Ct	171	LF	(Resurfacing)
Ironwood Ct	156	LF	(Resurfacing)
Oakmont Ln	189	LF	(Resurfacing)
Plumtree Ct	268	LF	(Resurfacing)
Scanlon Dr	1362	LF	(Resurfacing)
Southbury Ln	191	LF	(Resurfacing)
Thornhill Ln	155	LF	(Resurfacing)
Thornhill Ln	642	LF	(Resurfacing)
Wildberry Ct	388	LF	(Resurfacing)
Bridget Pl	610	LF	(Resurfacing)
Cindy Ln	1492	LF	(Resurfacing)
Laurel Ct	323	LF	(Resurfacing)
Linda Ter	797	LF	(Resurfacing)
Sandra Ln	472	LF	(Resurfacing)
Wayne Pl	750	LF	(Resurfacing)
Renee Ter	1041	LF	(Resurfacing)
<b>TOTAL</b>	<b>13,567</b>	<b>LF</b>	<b>(2.570 Miles)</b>



EXPIRES 11-30-21



Know what's below.  
Call before you dig.

Note:  
Call 811 at least 48 hours, excluding weekends and holidays, before you dig.

**HAEGER ENGINEERING**  
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100 E. State Parkway, Schaumburg, IL 60173 Tel: 847.394.6600 Fax: 847.394.6608  
Illinois Professional Design Firm License No. 184-003152  
www.haegerengineering.com

**TITLE SHEET**  
VILLAGE OF WHEELING 2020  
STREET IMPROVEMENT PROGRAM  
WHEELING, ILLINOIS

Project Manager: M L A  
Engineer: J D L  
Date: 03-06-2020  
Project No. 19-197  
Sheet **C1.0** / C24

**GENERAL NOTES**

**GENERAL NOTES AND CONDITIONS**

- Before starting any excavation, the Contractor shall call "JULIE" at 800-892-0123 for field locations of buried electric, telephone and gas facilities. (48 hour notification is required)
- The Contractor shall coordinate construction activities with utility companies and the Village of Wheeling.
- The Contractor shall be responsible for the protection of all underground utilities even though they may not be shown on the plans. Therefore, the Contractor shall have the respective utility companies field locate all of their facilities prior to beginning construction. any relocation or lowering of utilities shall be coordinated by the Contractor. Utilities that are damaged during construction shall be repaired or replaced by the Contractor at his own expense.
- Ten (10) feet or three (3) meter transitions shall be used to match proposed curb and gutter and median items of work to existing curbs & gutters and medians in the field, unless otherwise shown. The transitions shall be paid for at the contract unit price of work specified.
- Barricades: The Contractor shall provide and install two (2) weighted sandbags on each type I or type II barricade used - (1) weighted sand bag across each bottom rail.
- All the work performed by the Contractor shall be guaranteed for a period of twelve (12) months from the date of final acceptance by IDOT. This guarantee shall include all defects in materials and workmanship.
- The Village of Wheeling, Illinois, Public Works Department must be notified at least two (2) working days prior to a request for inspection, commencement or resumption of any work.
- The Contractor is responsible for maintaining adequate signs, barricades, fencing, traffic control devices and measures and all other measures that are necessary to protect the safety of the project area at all times.
- All structures, inlets, pipes, swales and roads must be kept clean and free of dirt and debris at all times.
- Adjustment of any sanitary sewer manhole frames shall include the installation of chimney seals in accordance with Village requirements. The cost of the chimney seal shall be considered incidental to the adjustment of the structure.
- Any defective or non-bicycle safe frame & grates shall be brought to the Village's attention. All frames & grates to be replaced shall remain property of the Village and shall be stored in the right-of-way for pick up by the Village.
- Any mailboxes that are in conflict with the proposed construction shall be removed and replaced in accordance with the Village standards. This work will be included in the contract. Mail service shall be maintained all the times. Contractor must be careful with the existing mailboxes. Any damaged mailboxes shall be replaced by the Contractor at no additional cost to the homeowner or the Village.
- Existing driveway pavement, sidewalk, and curb and gutter to remain in place shall be saw cut full depth to provide a neat vertical face between the proposed and the existing structure. This work shall be considered incidental to each pay item.
- Brick driveway pavement shall be constructed on 8-inches of compacted CA-6 Grade 8 crushed limestone base (2 lifts) topped with 1-inch of sand, price of which shall be included in the pay item brick driveway pavement. No extra compensation will be allowed.
- Class D patches shall be constructed at locations determined by the engineer in the field. Any saw cuts associated with this pay item will be considered incidental and no extra compensation will be made. Any subbase removal beneath it will also be incidental.
- Any roots encountered while removing the sidewalk or driveway aprons shall be saw-cut and disposed by the Contractor.
- Tree root pruning shall be provided at each tree location, the price of which shall be included in the pay item tree root pruning. No extra compensation will be allowed.
- Limits of curb & gutter and sidewalk removal are approximate and shall be marked in field by Engineer/Owner. Limits are subject to change.
- All items which are damaged or disturbed as a result of work shall be replaced to existing condition or better at the contractor's expense.
- Access to streets and private driveways shall be provided at all times except during actual construction adjacent thereto. Temporary ramps shall be constructed as necessary to provide such access utilizing crushed aggregate (cost incidental). It will be the Contractor's responsibility to notify the residents and businesses when access to their driveways will be temporarily closed due to curb and gutter, driveway or sidewalk replacement. The contractor shall distribute Village approved notices of anticipated closures. Every effort shall be made to accommodate access to these properties involving placement of pavement in stages across driveways and knocking on doors when driveways will be closed.
- Contractor shall ensure that access by Mail Delivery, Garbage Removal, School Buses and Emergency Vehicles on public streets is maintained at all times.
- Restoration limits for topsoil and sod shall be limited to maximum of 2-ft immediately adjacent to edge of removed and replaced curb and gutter, sidewalk or driveway. Any additional disturbed areas will not be paid for.

**CONC. CURB, SIDEWALK & PAVING NOTES**

- The finished hot-mix asphalt surface course shall be constructed to 1/4" above the edge of gutter flag.
- The proposed curb and gutter shall be depressed at abutting sidewalks and across driveways as indicated on the plans.
- Saw cutting required for removal of existing driveway pavement, sidewalk, curb and gutter and where the proposed pavement abuts existing pavement to remain in place (begin, end and limits of construction) shall be as specified in article 440 of the Standard Specifications. Provide a neat vertical face between the proposed and existing surfaces. Saw cutting shall be included in the pay item being removed. All saw cutting shall be full depth.
- Curb & gutter and driveway removal and replacement work shall be limited to one side of the street in each direction at a time to minimize congestion. Full depth saw cut 1 foot minimum off edge of pavement is required prior to C&G removal to allow space for proper compaction of pavement base course (incidental).
- Construction operations involving temporary closing of driveways or roads shall not commence without at least three (3) working days prior notice to the Village by the Contractor. The Contractor will also be required to provide 48 hours notice to affected parties by distributing written notices and posting signs.
- Construct temporary ramps to adjoining pavement or driveways as needed or directed by Engineer. These ramps must be minimum two car wide and shall be constructed for the entire width of pavement removal. These ramps shall be constructed using crushed limestone CA-6, Gr-8, virgin material or as directed by the Engineer. Proper temporary driveway entrance signs must be installed. The Contractor is responsible to maintain open access to all side streets, homes, industries, and businesses at all times. These temporary ramps shall be considered incidental to pavement removal and will not be paid for separately.
- All the density tests will be performed by using cores.
- Leveling binder shall be used around the structures in the roadway in variable thickness as necessary or as determined by the engineer.
- Protective coating for all concrete surfaces shall be considered included in cost of respective pay items.
- Proposed 3" preformed expansion joint is required at concrete sidewalk, driveways and curb and gutter and shall be incidental to the curb and gutter removal and replacement.
- In areas where the existing driveway, sidewalk or curb and gutter is to be removed and replaced, the removal and disposal of any additional material, as well as the placement of any additional aggregate material, required to establish the proposed driveway, sidewalk or curb and gutter subgrade elevation shall be included in the respective removal pay items.
- If any milled pavement is open to traffic, the maximum grade differential between passes of milling machine shall not exceed 1.5 inches.
- If any soft or yielding materials are detected after excavation to subgrade, the Contractor will at the direction of the Geotechnical Engineer to remove the material and replace with porous granular embankment, subgrade.
- Sidewalks shall be installed in accordance with Village "Public Sidewalk Standards" detail. Please note that some existing sidewalks may be as thick as 10 inches in some locations. Any additional stone required to make up for this additional thickness to allow for the uniform installation of the PCC Sidewalk, 5-inch shall be considered incidental to this pay item. No additional compensation will be allowed for the additional base course.
- M3.12 Curb & Gutter shall be installed in accordance with Village standard details.

**DRAINAGE NOTES**

- Any saw cuts and excavation required to remove and install drainage structures or storm sewer pipe shall be considered incidental to the item being removed or installed.
- Trench backfill used shall be CA-6 (grade-8) crushed limestone and shall be considered incidental to the item being installed. No crushed concrete will be allowed as trench backfill material. Trench backfill shall be provided up to the existing pavement grade to eliminate any voids created and to provide temporary roadway access. The backfill material shall be placed in 8 inch lifts, loose measurement, and compacted by mechanical means to the satisfaction of the engineer.
- Contractor must imply careful method to salvage all existing pipes. If any of the existing pipes are damaged during construction; the Contractor shall replace the damaged pipe at no extra cost to the Village. No extra compensation will be allowed. Refer to Village "Trench Backfill Standard" detail.
- Inlet and pipe protection must be installed in all open grate structures that receive drainage from disturbed areas prior to commencing the work and shall be maintained regularly throughout the length of the project.
- Contractor shall grade and construct improvements to provide positive drainage. Ponding water will not be permitted.
- All Frame & Lid castings located within pavement that required adjusting to finished grade shall be backfilled with Class SI Concrete and allowed to cure for 72 hours prior to placement of surface course. Class PP Concrete shall be utilized if surface course is to be placed in less than 72 hours. HMA materials will not be allowed as backfill around adjusted frames. This work shall be incidental to drainage & utility structures to be adjusted.
- All storm drainage structures in curbs shall have modified drainage structure and pipe underdrain (special) per Village of Wheeling details.

**TRAFFIC / CONSTRUCTION STAGING**

The Contractor shall submit a pre-planned sequence of work at the pre-construction meeting for review and approval. The Contractor's superintendent and the Resident Engineer will be required to work together with the affected residents in planning their construction schedule so as to minimize the inconvenience and maintain a reasonable level of construction efficiency. The Resident Engineer and/or the Village reserve the right to restrict work on a pavement segment if construction operations on the previous segment are unacceptable.

- The sequence of traffic / construction staging is recommended in the order listed below:
- Stage 1 - Drainage structure improvements
  - Stage 2 - Curb and gutter, driveway and sidewalk removal and replacement where identified
  - Stage 3 - Pavement removal (see typical section for depth of removal)
  - Stage 4 - Pavement replacement - Resurfacing Areas
    - Repair aggregate sub-base and/or subgrade in identified deteriorated areas
    - Proof-roll compacted aggregate base course areas
    - Install hot-mix asphalt binder course, in one 3" lift - install hot-mix asphalt surface course
  - Stage 4 - Pavement replacement - Reconstruction Areas
    - Proof-roll the entire subgrade
    - Complete subgrade undercuts where necessary
    - Install geogrid reinforcement
    - Install aggregate base course
    - Proof-roll the compacted aggregate base course
    - Install hot-mix asphalt binder course, in one 3" lift - install hot-mix asphalt surface course
  - Stage 5 - Install pavement markings and restoration as required

**DRIVEWAY CLOSINGS:**

It will be the Contractor's responsibility to notify residents and the Village two (2) days in advance when access to the residents' driveways will be temporarily closed due to the curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to these properties (i.e. knock on doors when driveway is about to be closed).

**DEBRIS REMOVAL:**

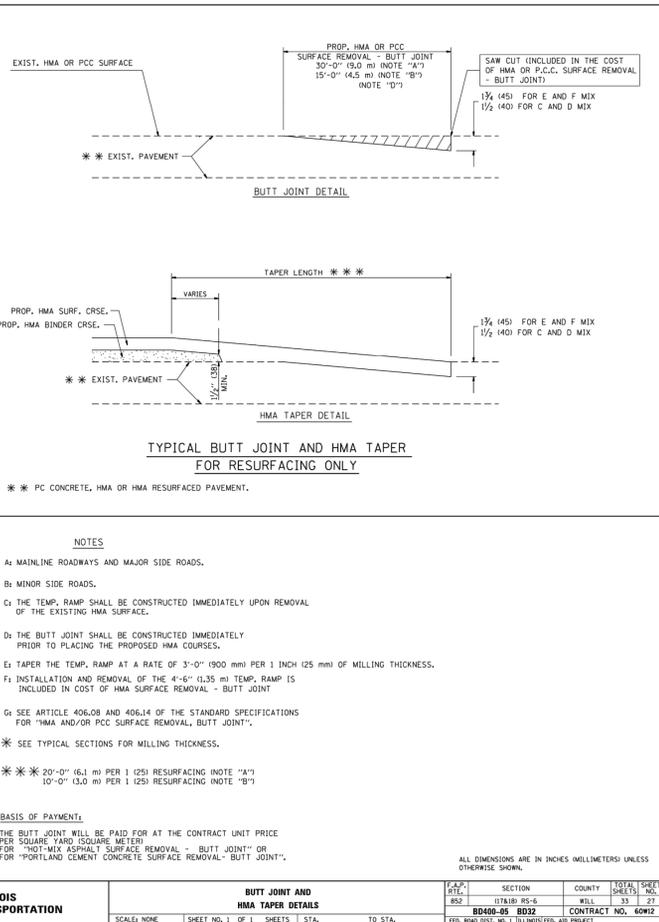
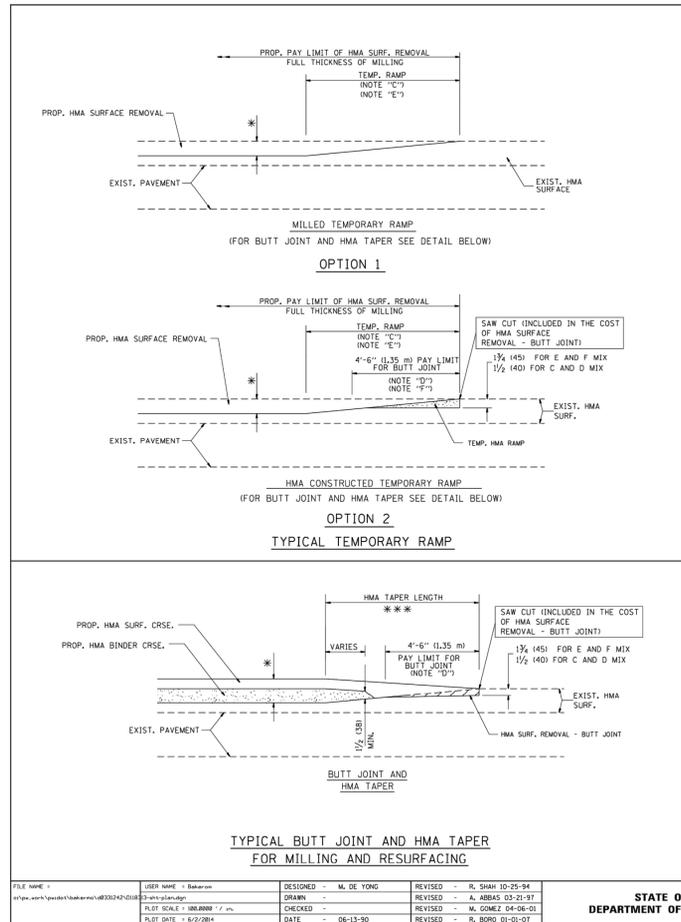
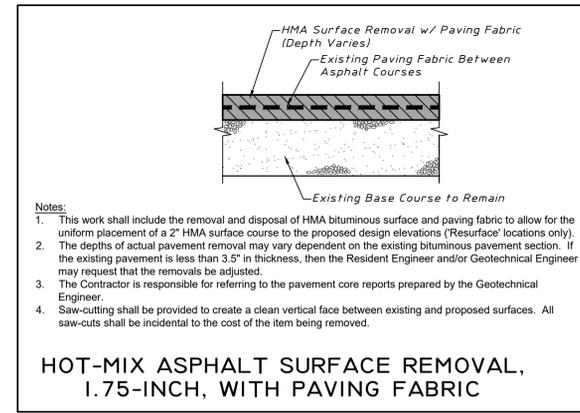
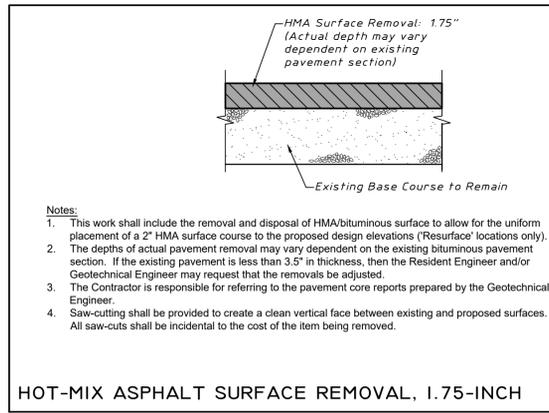
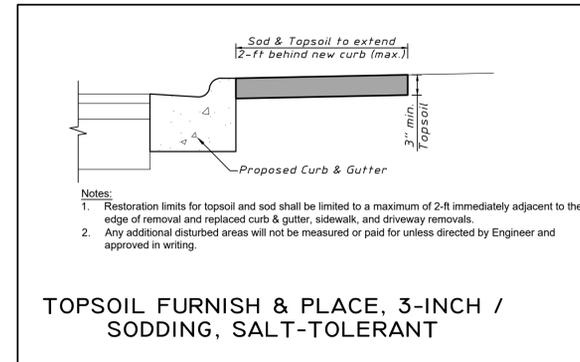
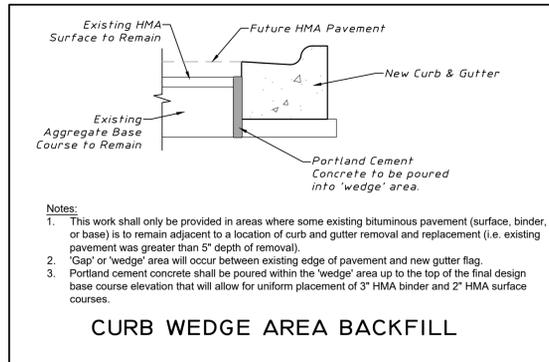
Materials resulting from the removal of pavement, driveways, curb and gutter, Hot-Mix Asphalt pavement and subgrade, etc. shall be removed at the end of each day to a village approved site. In the judgment of the Village, should it be necessary to remove such materials, the Village will have the material removed and the Contractor shall be billed (charged) accordingly.

**WATER SUPPLY:**

The Contractor can obtain municipal water in bulk, at NO CHARGE, as long as there is not a "watering ban" in effect. Prior to obtaining any water, an account with the Finance Department must be set up for documentation on water usage. The indiscriminate use of fire hydrants is strictly prohibited. Water for construction shall be metered or otherwise accounted for on a daily log maintained with the Public Works Department. The Contractor shall provide the water truck and driver required to obtain and transport this water. The Village reserves the right to restrict or refuse the use of Village water if deemed necessary.

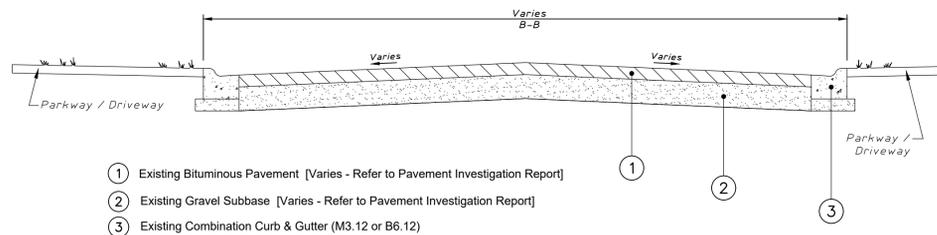
**ADDITIONAL SPECIFICATIONS / INCIDENTAL NOTES:**

- Monolithically poured curb for the 'MODIFIED CURB DRAINAGE STRUCTURE TO BE ADJUSTED' shall be incidental to the cost of that pay item. No extra compensation will be paid for lineal feet of curb and gutter.
- 'REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL' shall include the removal of all uncontaminated material required for removal in order to achieve the proposed design elevations, as well as any material required for undercut removals as directed by the Geotechnical Engineer.
- 'REMOVAL & DISPOSAL OF CONTAMINATED WASTE' shall include the storage, removal, and proper disposal of any materials determined to be 'contaminated' in accordance with IEPA standards.
- All existing mailboxes are to remain in service at all times. Any necessary removals and/or reinstallations of mailboxes shall be done at the expense of the Contractor and are incidental to the Contract, and shall be in accordance with Village "Mailbox Support and Attachment Design" detail.
- Whenever the performance of work is indicated on the plan, and no pay item is included in the contract for payment, the work shall be considered incidental to the contract and no additional compensation will be allowed.



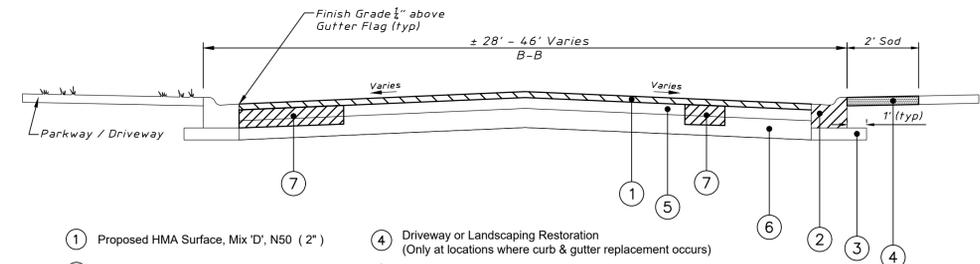
**SUMMARY OF ESTIMATED QUANTITIES**

No.	Item	Units																					Total Quantity					
			Hopi Tr	Lodge Tr - (North)	Pueblo Tr - (North)	Tahoe Circle Dr	Northbury Ln	Boxwood Dr	Driftwood Ct	Elmwood Ln	Fernside Ct	Ironwood Ct	Oakmont Ln	Plumtree Ct	Scamion Dr	Southbury Ln	Thomdale Ct	Thornhill Ln	Wildberry Ct	Bridget Pl	Cindy Ln	Laurel Ct		Linda Ter	Sandra Ln	Wayne Pl ^	Renee Ter	
1	TREE ROOT PRUNING	EACH	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24	
2	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL	CY	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	
3	SPECIAL WASTE DISPOSAL	CY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	
4	POROUS GRANULAR EMBANKMENT, SUBGRADE	CY	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	
5	HOT-MIX ASPHALT SURFACE REMOVAL, 1.75-INCH	SY	0	1,360	869	8,166	152	426	0	0	425	410	369	705	4,163	390	393	1,745	1,060	1,676	4,231	0	0	0	1,032	719	28,291	
6	HOT-MIX ASPHALT SURFACE REMOVAL, 1.75-INCH, W/ PAVING FABRIC	SY	1,069	0	0	0	0	0	0	1,009	346	0	0	0	0	0	0	0	0	0	0	0	1,208	2,208	1,314	1,032	2158	10,344
7	HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT	SY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	
8	CLASS D PATCHING, TY II, 10-INCH	SY	53	68	43	408	8	21	50	17	21	21	18	35	208	20	20	87	53	84	212	60	110	66	103	144	1,932	
9	DRIVEWAY PAVEMENT REMOVAL	SY	52	58	76	176	0	28	62	41	28	27	40	27	101	40	26	102	57	47	143	29	68	38	77	114	1,456	
10	COMBINATION CONCRETE C&G REMOVAL - PARTIAL	LF	656	814	547	2,483	0	0	0	0	0	0	0	0	0	0	0	0	0	423	1,077	259	950	596	530	748	9,083	
11	COMBINATION CONCRETE C&G REMOVAL - COMPLETE	LF	0	0	0	0	44	354	715	374	386	333	406	514	2,356	410	353	1,260	745	0	0	0	0	0	0	0	8,250	
12	SIDEWALK REMOVAL	SF	0	0	0	150	80	200	0	0	200	0	0	200	100	100	100	100	0	275	100	200	100	0	175	0	1,980	
13	HOT-MIX ASPHALT - TACK COAT *	POUND	481	612	391	3,675	69	192	454	156	191	185	166	317	1,873	176	177	785	477	754	1,904	544	994	591	929	1295	17,386	
14	LEVELING BINDER (MACHINE METHOD), N50	TON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	
15	LEVELING BINDER (HAND METHOD), N50	TON	2.1	2.7	1.7	16.3	0.3	0.9	2.0	0.7	0.9	0.8	0.7	1.4	8.3	0.8	0.8	3.5	2.1	3.4	8.5	2.4	4.4	2.6	4.1	5.8	77.3	
16	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	
17	HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50	TON	120	153	98	919	17	48	113	39	48	46	41	79	468	44	44	196	119	189	476	136	248	148	232	324	4,346	
18	COMBINATION CONCRETE CURB & GUTTER, TY M, (SPECIAL) - M3.12 * - PARTIAL	LF	656	814	547	2,198	0	0	0	0	0	0	0	0	0	0	0	0	423	1,077	259	950	596	530	748	8,798		
19	COMBINATION CONCRETE CURB & GUTTER, TY M, (SPECIAL) - M3.12 * - COMPLETE	LF	0	0	0	0	44	354	715	374	386	333	406	514	2,356	410	353	1,260	745	0	0	0	0	0	0	0	8,250	
20	COMBINATION CONCRETE CURB & GUTTER, TY B - B6.12 - PARTIAL	LF	0	0	0	285	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	285	
21	CURB WEDGE AREA BACKFILL (P.C.C.)	LF	656	814	547	2,483	44	354	715	374	386	333	406	514	2,356	410	353	1,260	745	423	1,077	259	950	596	530	748	17,333	
22	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6-INCH *	SY	52	58	76	176	0	0	2	2	0	2	1	5	2	1	3	2	44	108	12	46	32	61	85	767		
23	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 5-INCH *	SY	0	0	0	0	0	28	60	39	27	27	38	25	96	38	26	99	55	3	32	11	23	6	15	26	675	
24	BRICK PAVEMENT REMOVAL & RESET *	SY	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3	6	0	0	2	2	25	
25	PCC SIDEWALK, 5-INCH	SF	0	0	0	150	80	200	0	0	200	0	0	200	100	100	100	100	0	275	100	200	100	0	175	0	1,980	
26	DETECTABLE WARNINGS	SF	0	0	0	40	10	40	0	0	40	0	0	40	20	0	20	20	0	88	32	64	32	0	56	0	502	
27	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	5	3	2	17	0	0	0	0	0	0	0	0	0	0	1	0	0	3	7	1	2	3	1	3	48	
28	REMOVAL OF EXISTING STORM STRUCTURES	EACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	1	0	6	
29	MODIFIED CURB DRAINAGE STRUCTURE STANDARD *	EACH	4	2	2	14	1	2	0	1	0	1	0	1	0	0	0	2	0	4	0	0	4	2	8	0	48	
30	INLET & PIPE PROTECTION *	EACH	4	3	2	17	2	2	2	1	1	1	3	8	1	0	6	1	13	11	2	8	6	13	4	113		
31	CATCH BASIN, TYPE C	EACH	0	0	0	0	1	0	0	1	0	1	0	1	0	0	2	0	0	0	0	0	0	0	0	0	6	
32	CATCH BASIN, TYPE A, 48-INCH	EACH	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	6	
33	CATCH BASIN, TYPE A, 60-INCH	EACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3	
34	CATCH BASIN, RESTRICTED DEPTH	EACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	
35	MANHOLE, TYPE A, 48-INCH	EACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	2	2	6	0	13		
36	MANHOLE, TYPE A, 60-INCH	EACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3	
37	MANHOLE, RESTRICTED DEPTH	EACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	
38	STORM SEWER, PVC, 10-INCH	LF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87	0	0	46	31	66	0	230		
39	STORM SEWER, RCP, 10-INCH	LF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	0	27	
40	STORM SEWER, RCP, 12-INCH	LF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79	0	0	0	0	0	137	127	0	343	
41	STORM SEWER, RCP, 15-INCH	LF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	416	0	416		
42	STORM SEWER, RCP, 18-INCH	LF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	13		
43	MOBILIZATION	LS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
44	TRAFFIC CONTROL AND PROTECTION STANDARD 701501	LS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
45	TRAFFIC CONTROL AND PROTECTION STANDARD 701701	LS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
46	TRAFFIC CONTROL AND PROTECTION STANDARD 701801	LS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
47	THERMOPLASTIC PAVEMENT MARKING LINE - 4-INCH	LF	0	0	0	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	500	
48	THERMOPLASTIC PAVEMENT MARKING LINE - 6-INCH	LF	0	0	0	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	
49	THERMOPLASTIC PAVEMENT MARKING LINE - 24-INCH	LF	12	12	12	104	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	12	0	0	164	
50	EPOXY STRIPING, 18-INCH	LF	0	0	0	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90	
51	EPOXY STRIPING, 24-INCH	LF	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	
52	CONSTRUCTION LAYOUT	LS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
53	DUST CONTROL WATERING	UNIT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24	
54	TOPSOIL FURNISH & PLACE, 3-INCH	SY	146	181	122	558	13	88	159	83	86	83	90	114	532	96	78	284	170	94	252	62	220	137	118	174	3,940	
55	SODDING, SALT TOLERANT	SY	146	181	122	558	13	88	159	83	86	83	90	114	532	96	78	284	170	94	252	62	220	137	118	174	2,940	
56	SEEDING, CLASS 1A WITH BLANKET	SY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,000	
57	SUPPLEMENTAL WATERING	UNIT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24	



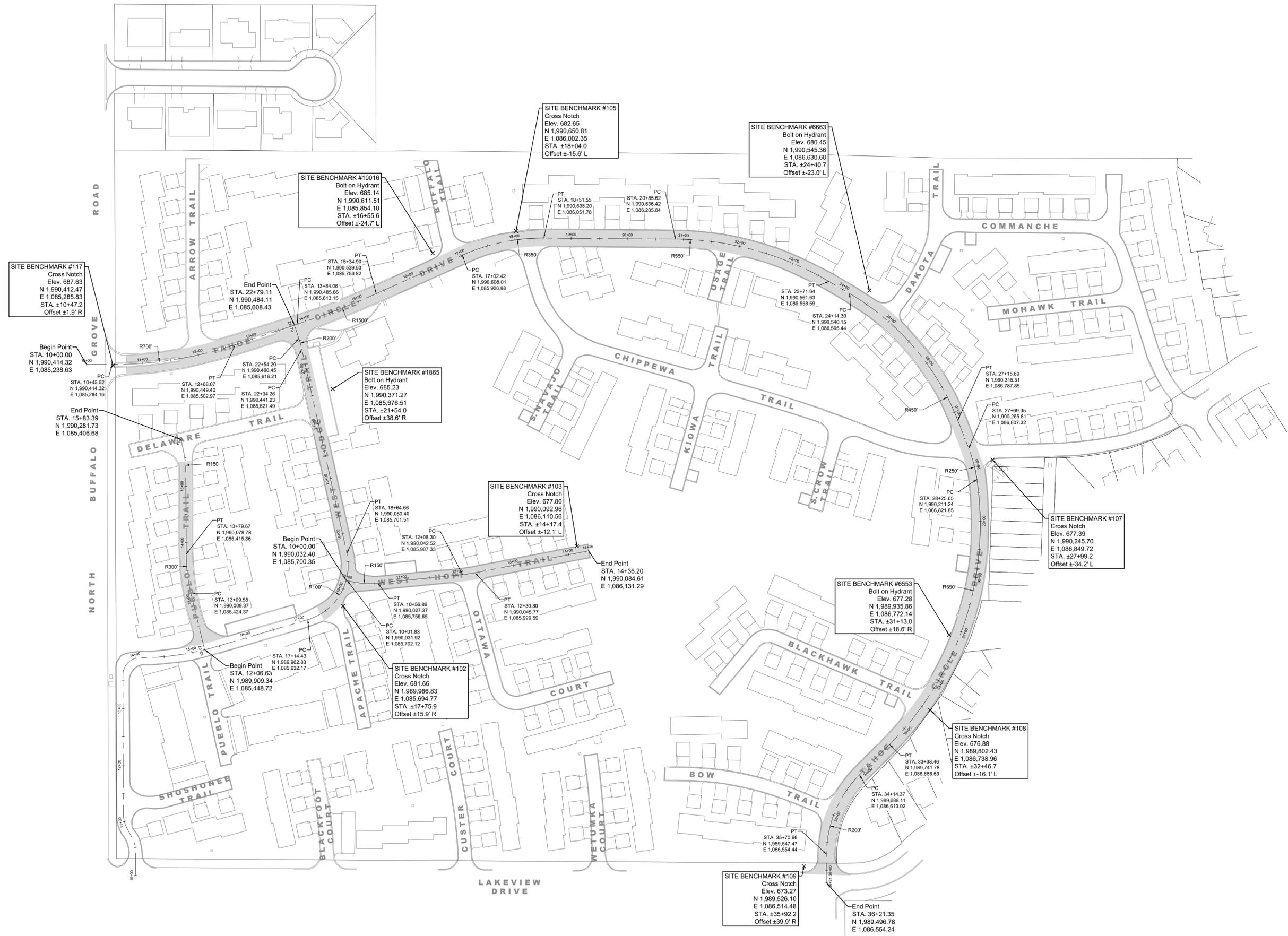
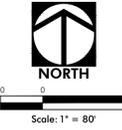
**EXISTING TYPICAL CROSS SECTION**

**\*HMA Surface Removal, 1.75" OR \*HMA Surface Removal, Variable Depth\***



**PROPOSED TYPICAL CROSS SECTION - RESURFACING**

HOT-MIX ASPHALT MIXTURE REQUIREMENT TABLE		
THE FOLLOWING TABLE OUTLINES THE VARIOUS REQUIREMENTS FOR EACH MIXTURE TYPE TO BE USED AS A PART OF THIS PROJECT.		
ITEM	AC TYPE	AIR VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 - INCH	PG 64-22	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE		



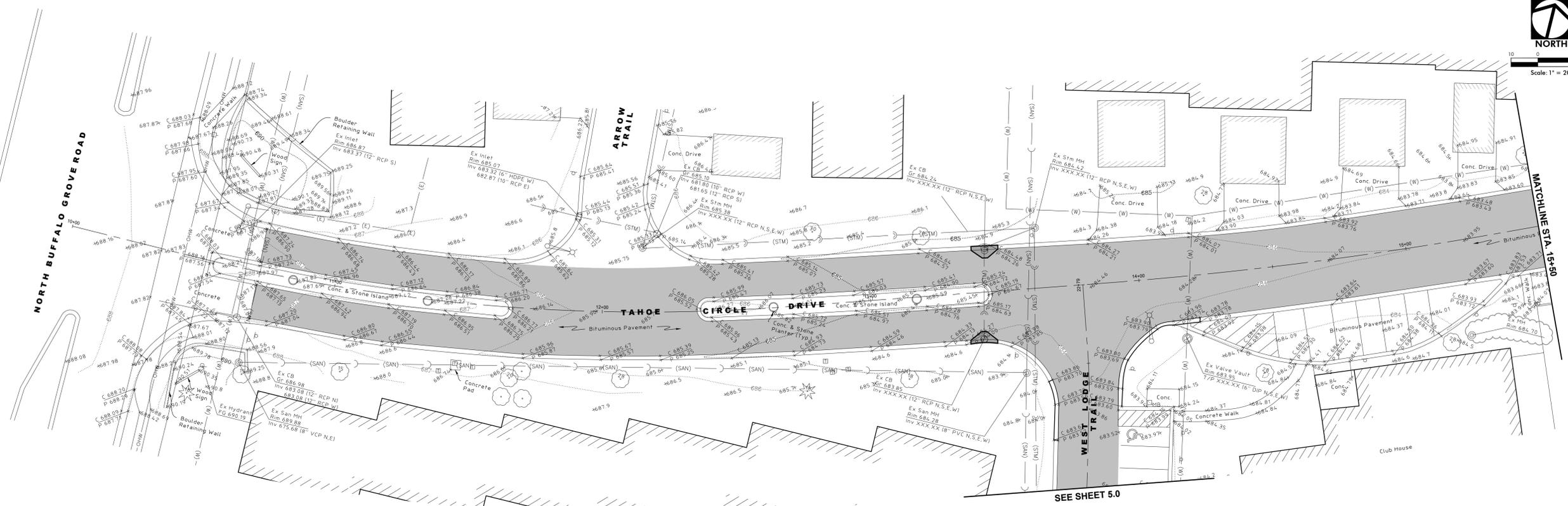
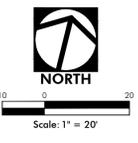
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**ALIGNMENTS, TIES, & BENCHMARKS  
 TAHOE VILLAGE  
 VILLAGE OF WHEELING 2020  
 STREET IMPROVEMENT PROGRAM**  
 WHEELING, ILLINOIS

Project Manager: M L A  
 Engineer: J D L  
 Date: 03-06-2020  
 Project No. 19-197  
 Sheet **C3.0** / C24







SEE SHEET 5.0

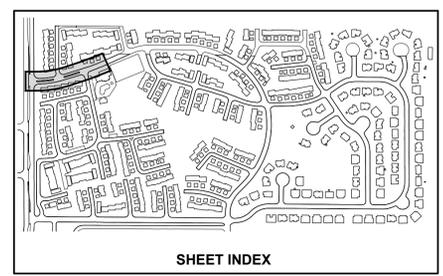
**QUANTITY ASSUMPTIONS (TAHOE CIRCLE DRIVE):**

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- NOTES:**
- DRIVEWAY APRON REPLACEMENT:**
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**LEGEND**

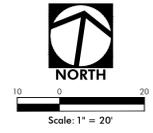
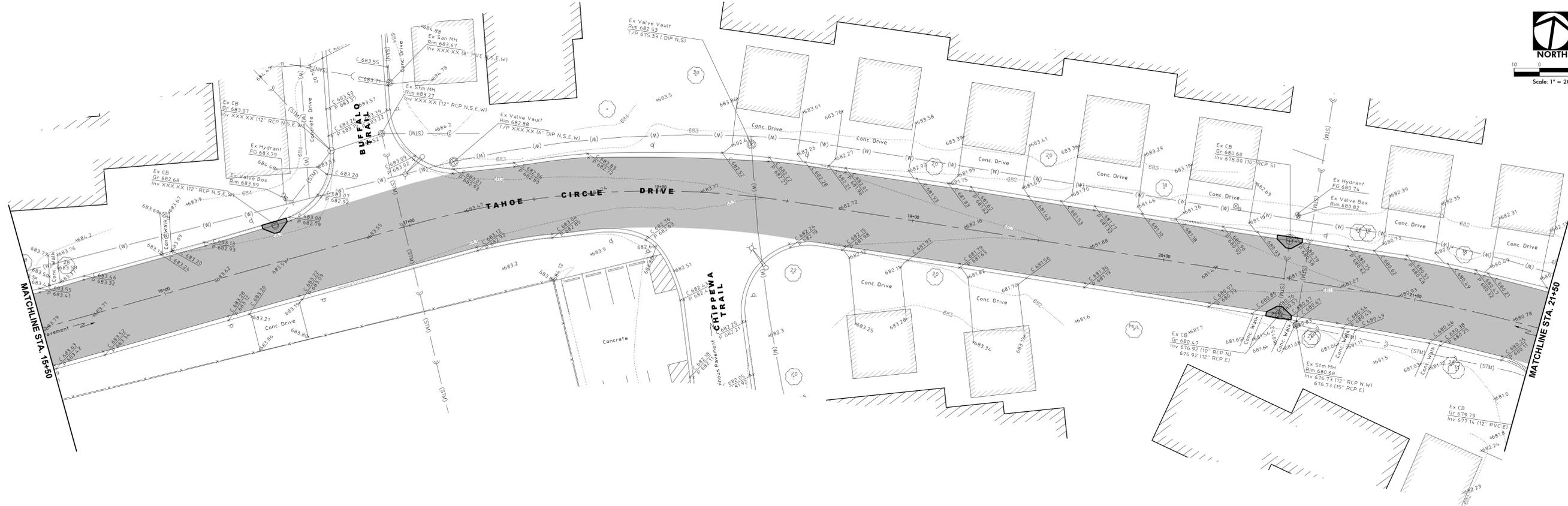
	<b>BITUMINOUS PAVEMENT - RESURFACE</b> • 2" Hot Mix Asphalt (HMA) Surface Course, Mix 'D', N50
	<b>CONCRETE SIDEWALK - REMOVE &amp; REPLACE</b> • New Detectable Warning Surfaces at all Crossing Locations • Refer to IDOT Standard Detail 424001
	<b>MODIFIED CURB DRAINAGE STRUCTURE</b> • Frame and Grate to be Replaced and Adjusted as Necessary
	<b>DRAINAGE &amp; UTILITY STRUCTURES TO BE ADJUSTED</b> • Adjust Frame and Grate/Lid to Finished Grade Elevation
	<b>CURB AND GUTTER REPLACEMENT</b>



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**TAHOE CIRCLE DRIVE  
STA. 10+00 TO STA. 15+50  
VILLAGE OF WHEELING 2020  
STREET IMPROVEMENT PROGRAM**  
WHEELING, ILLINOIS

Project Manager: M L A  
Engineer: J D L  
Date: 03-06-2020  
Project No. 19-197  
Sheet **C4.0**  
C24



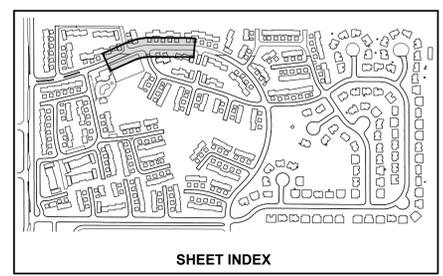
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**LEGEND**

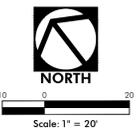
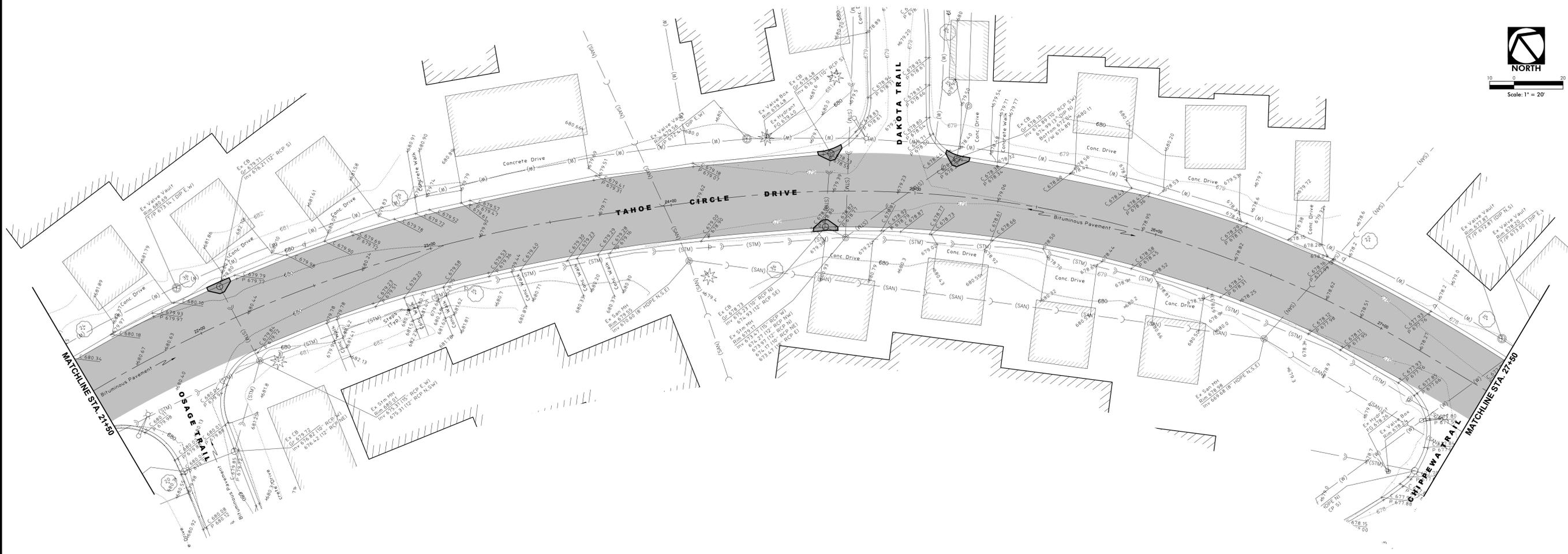
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	• 2" Hot Mix Asphalt (HMA) Surface Course, Mix 'D', N50
	<b>CONCRETE SIDEWALK - REMOVE &amp; REPLACE</b>
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**TAHOE CIRCLE DRIVE**  
**STA. 15+50 TO STA. 21+50**  
**VILLAGE OF WHEELING 2020**  
**STREET IMPROVEMENT PROGRAM**  
 WHEELING, ILLINOIS

Project Manager: M L A  
 Engineer: J D L  
 Date: 03-06-2020  
 Project No. 19-197  
 Sheet **C4.1**



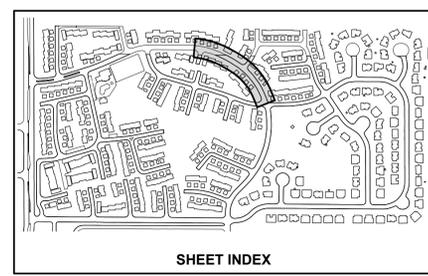
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**LEGEND**

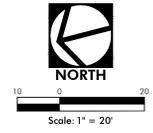
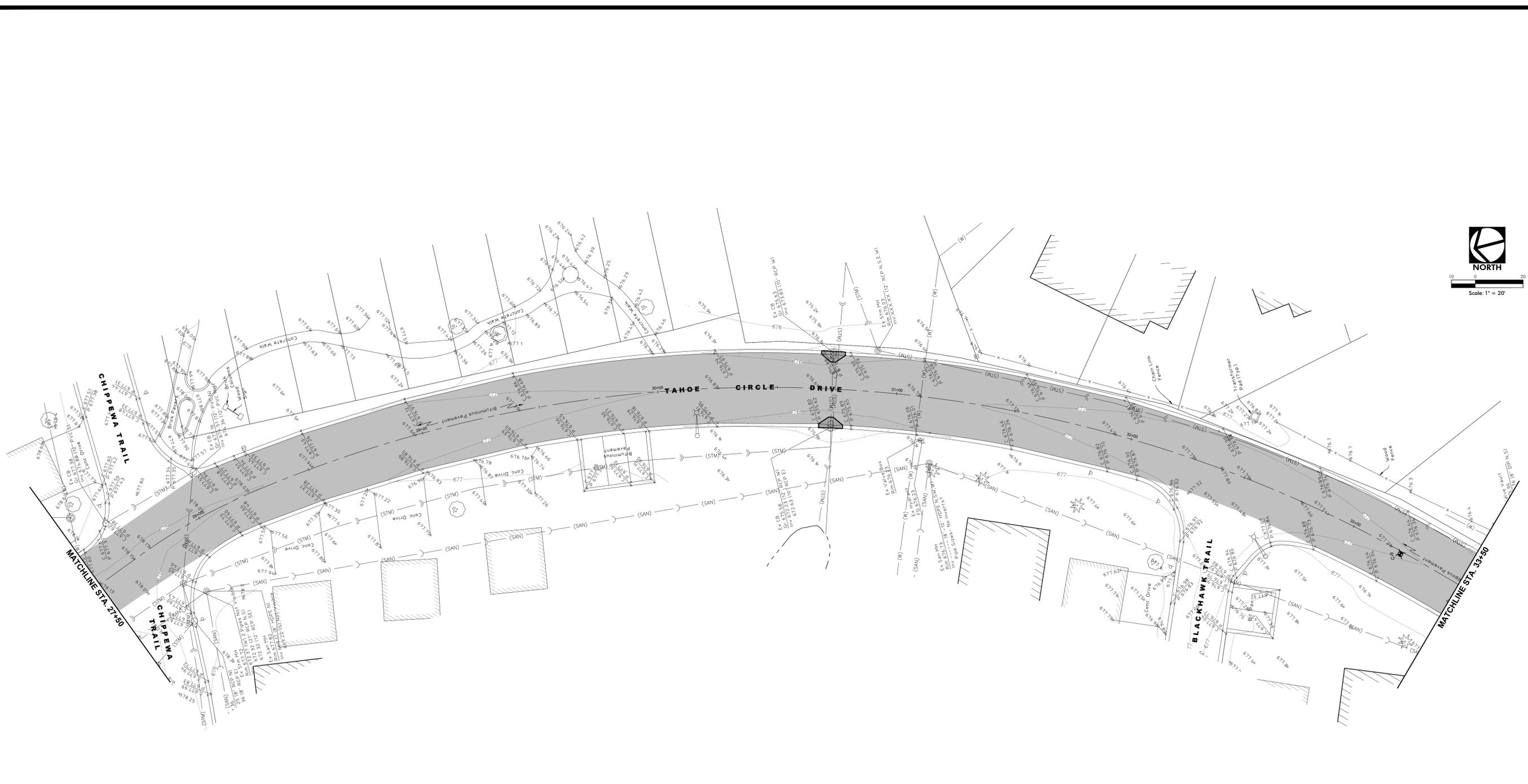
	<b>BITUMINOUS PAVEMENT - RESURFACE</b>
	<b>CONCRETE SIDEWALK - REMOVE &amp; REPLACE</b>
	<b>MODIFIED CURB DRAINAGE STRUCTURE</b>
	<b>DRAINAGE &amp; UTILITY STRUCTURES TO BE ADJUSTED</b>
	<b>CURB AND GUTTER REPLACEMENT</b>



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**TAHOE CIRCLE DRIVE  
 STA. 21 + 50 TO STA. 27 + 50  
 VILLAGE OF WHEELING 2020  
 STREET IMPROVEMENT PROGRAM**  
 WHEELING, ILLINOIS

Project Manager: M L A  
 Engineer: J D L  
 Date: 03-06-2020  
 Project No. 19-197  
 Sheet **C4.2**



**QUANTITY ASSUMPTIONS (TAHOE CIRCLE DRIVE):**

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**STRIPING REPLACEMENT:**

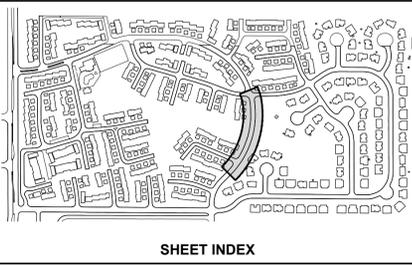
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**LEGEND**

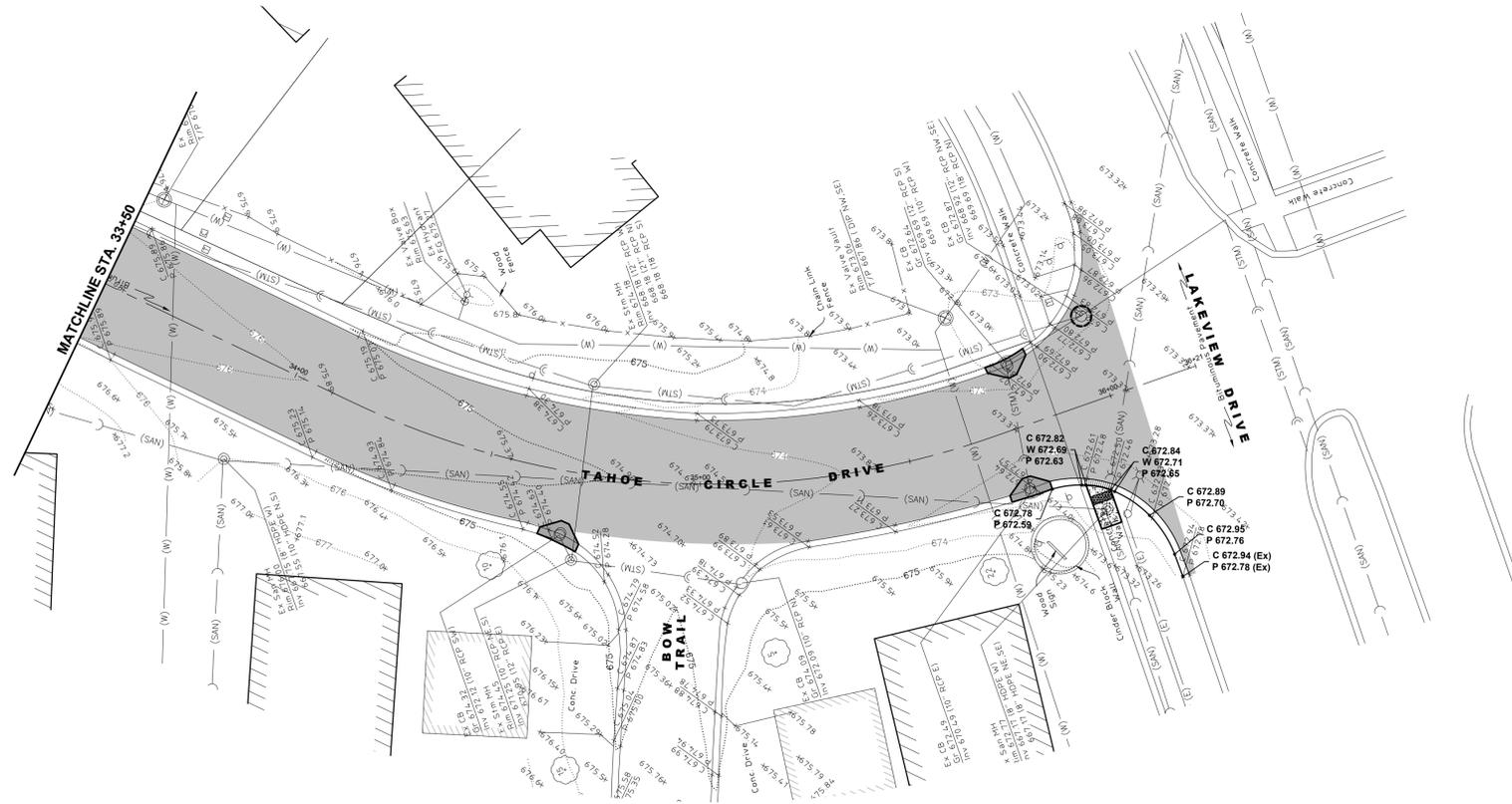
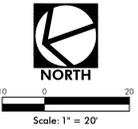
	<b>BITUMINOUS PAVEMENT - RESURFACE</b>
	<b>CONCRETE SIDEWALK - REMOVE &amp; REPLACE</b>
	<b>MODIFIED CURB DRAINAGE STRUCTURE</b>
	<b>DRAINAGE &amp; UTILITY STRUCTURES TO BE ADJUSTED</b>
	<b>CURB AND GUTTER REPLACEMENT</b>



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**TAHOE CIRCLE DRIVE  
 STA. 27 + 50 TO STA. 33 + 50  
 VILLAGE OF WHEELING 2020  
 STREET IMPROVEMENT PROGRAM  
 WHEELING, ILLINOIS**

Project Manager: M L A  
 Engineer: J D L  
 Date: 03-06-2020  
 Project No. 19-197  
 Sheet **C4.3**



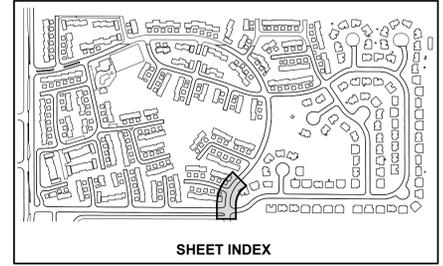
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- NOTES:**
- DRIVEWAY APRON REPLACEMENT:**
- All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling. Any additional apron removals and/or replacements shall be done at the expense of the Contractor.
  - Any bituminous aprons to be removed shall be saw-cut 3' behind the back-of-curb and replaced per Village Standards.
  - Any concrete aprons to be removed shall be saw-cut at the nearest joint. If no joint is available within the parkway, then the apron shall be saw-cut 3' behind the back-of-curb.
- STRIPING REPLACEMENT:**
- All existing striping, including stop bars and crosswalks, shall be replaced upon completion of paving activities in accordance with IDOT standards.
- DRIVEWAY CLOSINGS:**
- It will be the Contractor's responsibility to notify residents and the Village 2 days in advance when access to the residents' driveways will be temporarily closed due to curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to the properties.

**LEGEND**

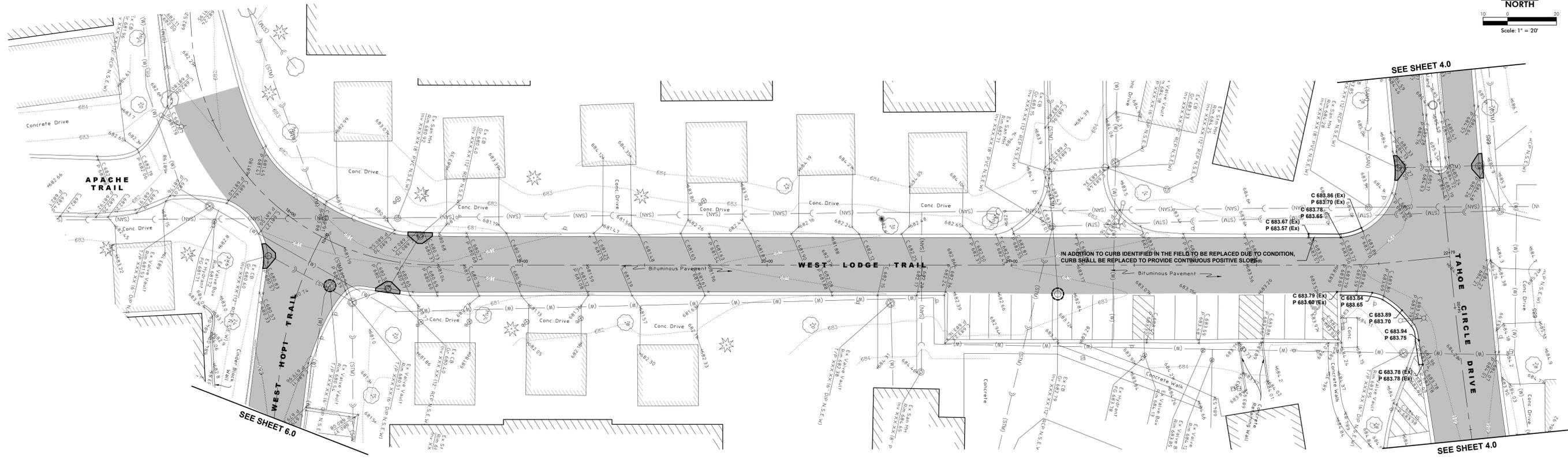
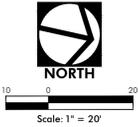
	<b>BITUMINOUS PAVEMENT - RESURFACE</b>
	• 2" Hot Mix Asphalt (HMA) Surface Course, Mix 'D', NS0
	<b>CONCRETE SIDEWALK - REMOVE &amp; REPLACE</b>
	• New Detectable Warning Surfaces at all Crossing Locations
	• Refer to IDOT Standard Detail 424001
	<b>MODIFIED CURB DRAINAGE STRUCTURE</b>
	• Frame and Grate to be Replaced and Adjusted as Necessary
	<b>DRAINAGE &amp; UTILITY STRUCTURES TO BE ADJUSTED</b>
	• Adjust Frame and Grate/Lid to Finished Grade Elevation
	<b>CURB AND GUTTER REPLACEMENT</b>



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**TAHOE CIRCLE DRIVE  
 STA. 33+50 TO STA. 36+21  
 VILLAGE OF WHEELING 2020  
 STREET IMPROVEMENT PROGRAM**  
 WHEELING, ILLINOIS

Project Manager: M L A  
 Engineer: J D L  
 Date: 03-06-2020  
 Project No. 19-197  
 Sheet **C4.4**



**QUANTITY ASSUMPTIONS (WEST LODGE TRAIL - South Section):**

- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = 22 SY (Estimated quantity)
- Asphalt Driveway Aprons = 0 SY (Estimated quantity)
- Concrete Sidewalks = 90 SF (As Shown)
- M 3.12 Curb and Gutter = 1023 LF (Assumed 80% Replacement)

**NOTES:**

**DRIVEWAY APRON REPLACEMENT:**

- All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling. Any additional apron removals and/or replacements shall be done at the expense of the Contractor.
- Any bituminous aprons to be removed shall be saw-cut 3' behind the back-of-curb and replaced per Village Standards.
- Any concrete aprons to be removed shall be saw-cut at the nearest joint. If no joint is available within the parkway, then the apron shall be saw-cut 3' behind the back-of-curb.

**STRIPING REPLACEMENT:**

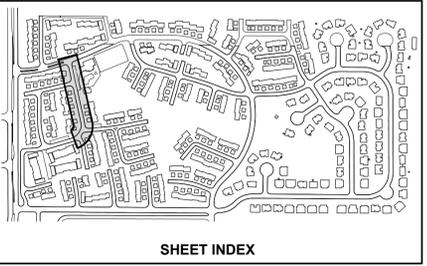
- All existing striping, including stop bars and crosswalks, shall be replaced upon completion of paving activities in accordance with IDOT standards.

**DRIVEWAY CLOSINGS:**

- It will be the Contractor's responsibility to notify residents and the Village 2 days in advance when access to the residents' driveways will be temporarily closed due to curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to the properties.

**LEGEND**

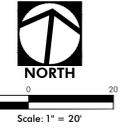
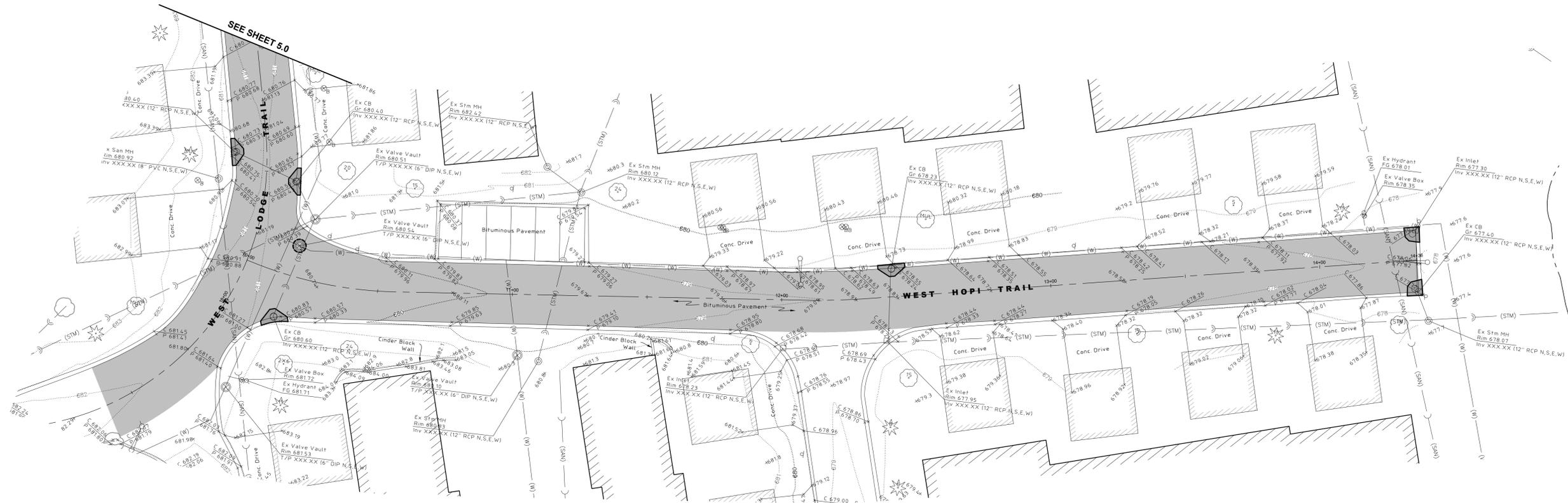
	<b>BITUMINOUS PAVEMENT - RESURFACE</b>
	<b>CONCRETE SIDEWALK - REMOVE &amp; REPLACE</b>
	<b>MODIFIED CURB DRAINAGE STRUCTURE</b>
	<b>DRAINAGE &amp; UTILITY STRUCTURES TO BE ADJUSTED</b>
	<b>CURB AND GUTTER REPLACEMENT</b>



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**WEST LODGE TRAIL**  
**STA. 10+00 TO STA. 22+79**  
**VILLAGE OF WHEELING 2020**  
**STREET IMPROVEMENT PROGRAM**  
 WHEELING, ILLINOIS

Project Manager: M L A  
 Engineer: J D L  
 Date: 03-06-2020  
 Project No. 19-197  
 Sheet **C5.0** / C24



**QUANTITY ASSUMPTIONS (WEST HOPI TRAIL):**

- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = **52 SY** (Estimated quantity)
- Asphalt Driveway Aprons = **0 SY** (Estimated quantity)
- Concrete Sidewalks = **0 SF** (Estimated quantity)
- M 3.12 Curb and Gutter = **656 LF** (Assumed 80% Replacement)

**NOTES:**

**DRIVEWAY APRON REPLACEMENT:**

- All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling. Any additional apron removals and/or replacements shall be done at the expense of the Contractor.
- Any bituminous aprons to be removed shall be saw-cut 3' behind the back-of-curb and replaced per Village Standards.
- Any concrete aprons to be removed shall be saw-cut at the nearest joint. If no joint is available within the parkway, then the apron shall be saw-cut 3' behind the back-of-curb.

**STRIPING REPLACEMENT:**

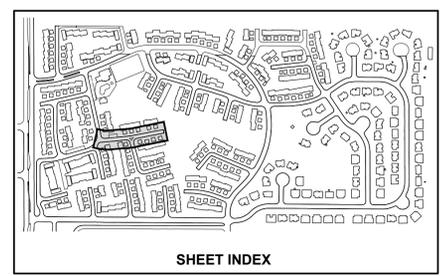
- All existing striping, including stop bars and crosswalks, shall be replaced upon completion of paving activities in accordance with IDOT standards.

**DRIVEWAY CLOSINGS:**

- It will be the Contractor's responsibility to notify residents and the Village 2 days in advance when access to the residents' driveways will be temporarily closed due to curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to the properties.

**LEGEND**

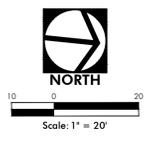
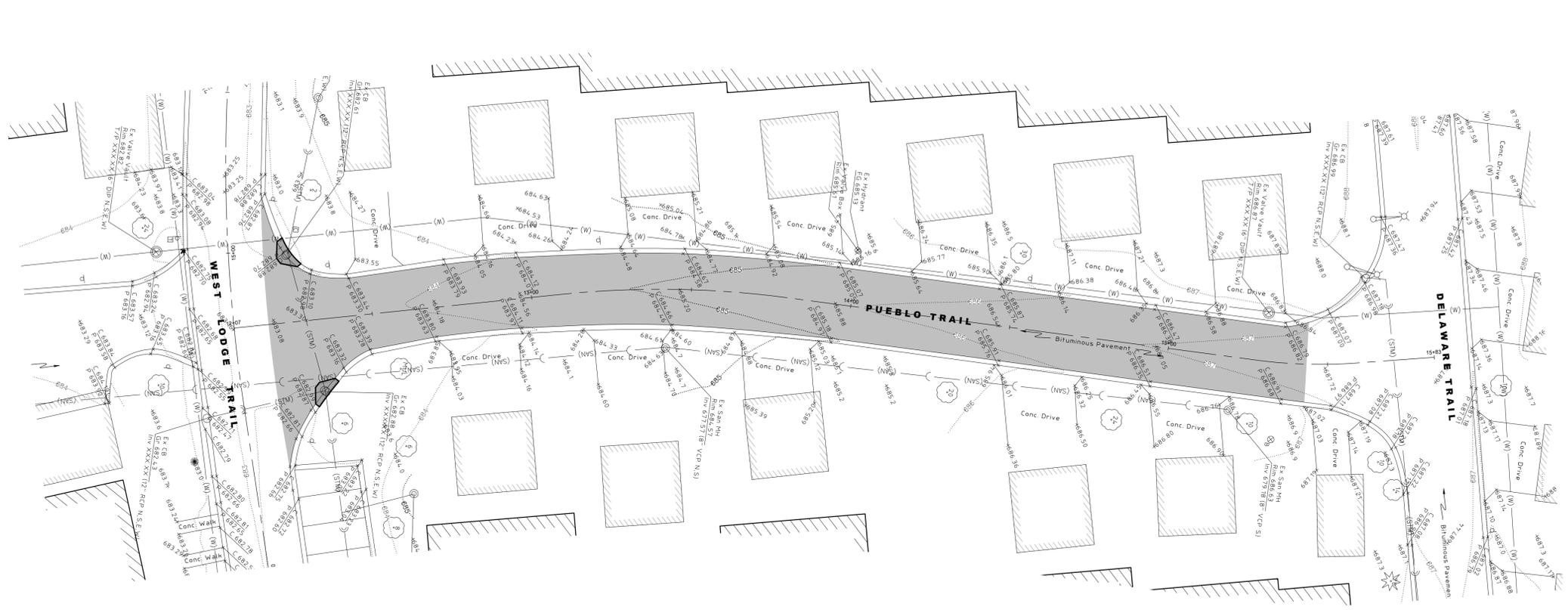
	<b>BITUMINOUS PAVEMENT - RESURFACE</b>
	• 2" Hot Mix Asphalt (HMA) Surface Course, Mix 'D', N50
	<b>CONCRETE SIDEWALK - REMOVE &amp; REPLACE</b>
	• New Detectable Warning Surfaces at all Crossing Locations
	• Refer to IDOT Standard Detail 424001
	<b>MODIFIED CURB DRAINAGE STRUCTURE</b>
	• Frame and Grate to be Replaced and Adjusted as Necessary
	<b>DRAINAGE &amp; UTILITY STRUCTURES TO BE ADJUSTED</b>
	• Adjust Frame and Grate/Lid to Finished Grade Elevation
	<b>CURB AND GUTTER REPLACEMENT</b>



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**WEST HOPI TRAIL**  
**STA. 10+00 TO STA. 14+36**  
**VILLAGE OF WHEELING 2020**  
**STREET IMPROVEMENT PROGRAM**  
 WHEELING, ILLINOIS

Project Manager: M L A  
 Engineer: J D L  
 Date: 03-06-2020  
 Project No. 19-197  
 Sheet **C6.0** / C24



**QUANTITY ASSUMPTIONS (PUEBLO TRAIL - North Section):**

- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = 76 SY (Estimated quantity)
- Asphalt Driveway Aprons = 0 SY (Estimated quantity)
- Concrete Sidewalks = 0 SF (Estimated quantity)
- M 3.12 Curb and Gutter = 547 LF (Assumed 80% Replacement)

**NOTES:**

**DRIVEWAY APRON REPLACEMENT:**

- All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling. Any additional apron removals and/or replacements shall be done at the expense of the Contractor.
- Any bituminous aprons to be removed shall be saw-cut 3' behind the back-of-curb and replaced per Village Standards.
- Any concrete aprons to be removed shall be saw-cut at the nearest joint. If no joint is available within the parkway, then the apron shall be saw-cut 3' behind the back-of-curb.

**STRIPING REPLACEMENT:**

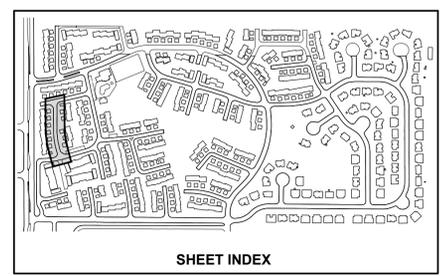
- All existing striping, including stop bars and crosswalks, shall be replaced upon completion of paving activities in accordance with IDOT standards.

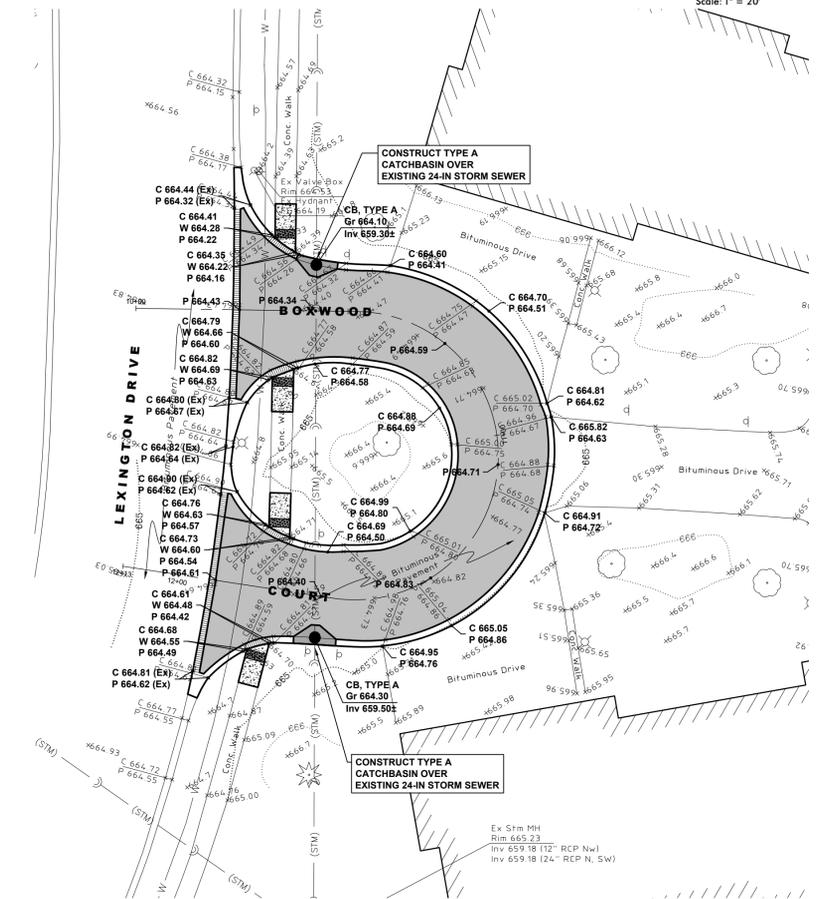
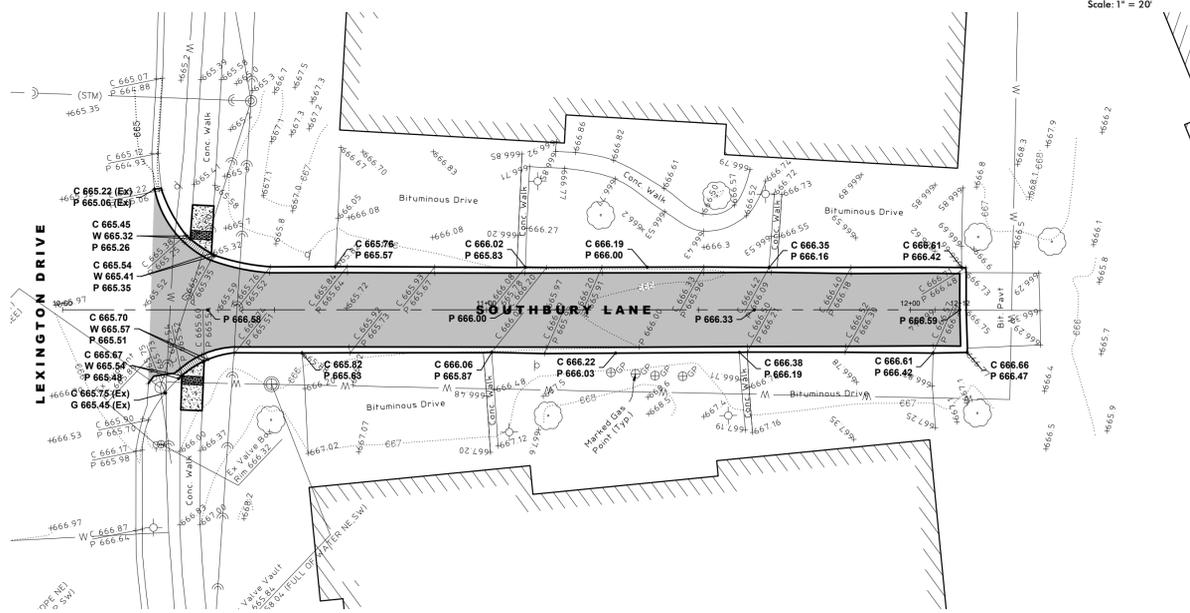
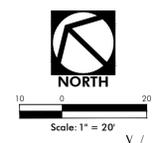
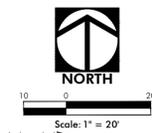
**DRIVEWAY CLOSINGS:**

- It will be the Contractor's responsibility to notify residents and the Village 2 days in advance when access to the residents' driveways will be temporarily closed due to curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to the properties.

**LEGEND**

	<b>BITUMINOUS PAVEMENT - RESURFACE</b>
	• 2" Hot Mix Asphalt (HMA) Surface Course, Mix 'D', N50
	<b>CONCRETE SIDEWALK - REMOVE &amp; REPLACE</b>
	• New Detectable Warning Surfaces at all Crossing Locations
	• Refer to IDOT Standard Detail 424001
	<b>MODIFIED CURB DRAINAGE STRUCTURE</b>
	• Frame and Grate to be Replaced and Adjusted as Necessary
	<b>DRAINAGE &amp; UTILITY STRUCTURES TO BE ADJUSTED</b>
	• Adjust Frame and Grate/Lid to Finished Grade Elevation
	<b>CURB AND GUTTER REPLACEMENT</b>





**QUANTITY ASSUMPTIONS (SOUTHBURY LANE):**

- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = **2 SY** (Estimated quantity)
- Asphalt Driveway Aprons = **38 SY** (Estimated quantity)
- Concrete Sidewalks = **100 SF** (As Shown)
- M 3.12 Curb and Gutter = **410 LF** (Assumed 100% Replacement)

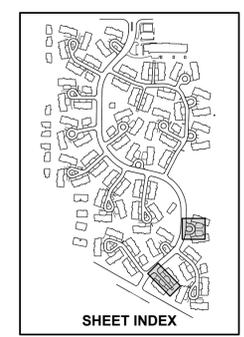
**QUANTITY ASSUMPTIONS (BOXWOOD COURT):**

- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = **0 SY** (Estimated quantity)
- Asphalt Driveway Aprons = **28 SY** (Estimated quantity)
- Concrete Sidewalks = **200 SF** (As Shown)
- M 3.12 Curb and Gutter = **354 LF** (Assumed 100% Replacement)

- NOTES:**
- DRIVEWAY APRON REPLACEMENT:**
- All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling. Any additional apron removals and/or replacements shall be done at the expense of the Contractor.
  - Any bituminous aprons to be removed shall be saw-cut 3' behind the back-of-curb and replaced per Village Standards.
  - Any concrete aprons to be removed shall be saw-cut at the nearest joint. If no joint is available within the driveway, then the apron shall be saw-cut 3' behind the back-of-curb.
- STRIPING REPLACEMENT:**
- All existing striping, including stop bars and crosswalks, shall be replaced upon completion of paving activities in accordance with IDOT standards.
- DRIVEWAY CLOSINGS:**
- It will be the Contractor's responsibility to notify residents and the Village 2 days in advance when access to the residents' driveways will be temporarily closed due to curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to the properties.

**LEGEND**

	<b>BITUMINOUS PAVEMENT - RESURFACE</b>
	• 2" Hot Mix Asphalt (HMA) Surface Course, Mix 'D', N50
	<b>CONCRETE SIDEWALK - REMOVE &amp; REPLACE</b>
	• New Detectable Warning Surfaces at all Crossing Locations
	• Refer to IDOT Standard Detail 424001
	<b>MODIFIED CURB DRAINAGE STRUCTURE</b>
	• Frame and Grate to be Replaced and Adjusted as Necessary
	<b>DRAINAGE &amp; UTILITY STRUCTURES TO BE ADJUSTED</b>
	• Adjust Frame and Grate/Lid to Finished Grade Elevation
	<b>CURB AND GUTTER REPLACEMENT</b>

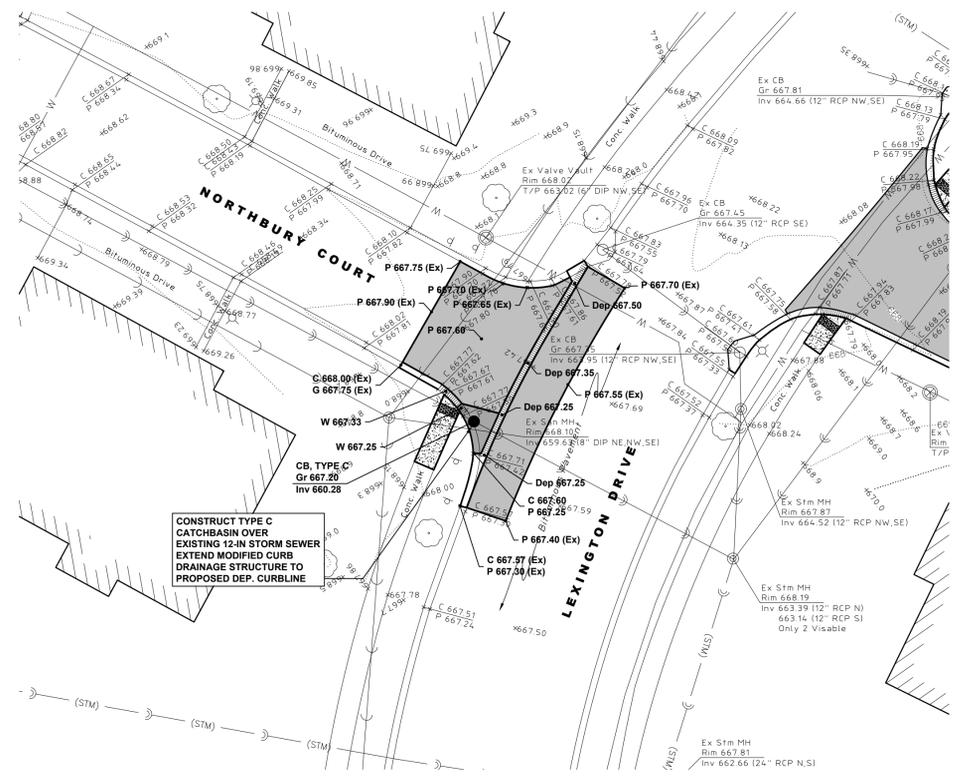
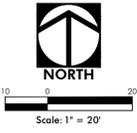


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**SOUTHBURY LANE & BOXWOOD COURT**  
**VILLAGE OF WHEELING 2020 STREET IMPROVEMENT PROGRAM**  
 WHEELING, ILLINOIS

Project Manager: M L A  
 Engineer: J D L  
 Date: 03-06-2020  
 Project No. 19-197  
 Sheet **C8.0**



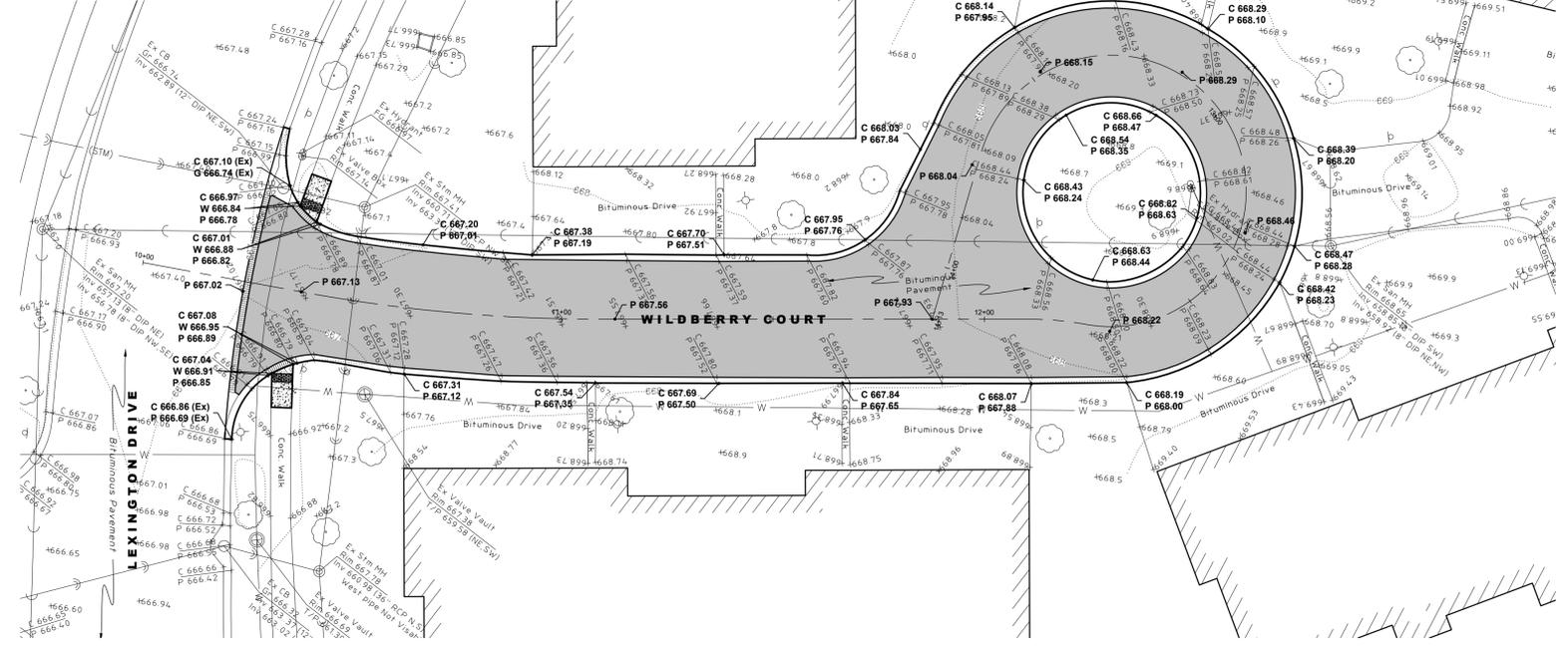
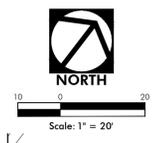


**QUANTITY ASSUMPTIONS (NORTHBURY COURT):**

- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = 0 SY (Estimated quantity)
- Asphalt Driveway Aprons = 0 SY (Estimated quantity)
- Concrete Sidewalks = 80 SF (Estimated quantity)
- M 3.12 Curb and Gutter = 26 LF (Estimated quantity)

**QUANTITY ASSUMPTIONS (WILDBERRY COURT):**

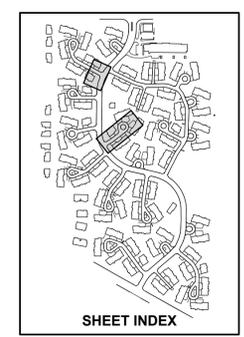
- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = 2 SY (Estimated quantity)
- Asphalt Driveway Aprons = 55 SY (Estimated quantity)
- Concrete Sidewalks = 100 SF (As Shown)
- M 3.12 Curb and Gutter = 745 LF (Assumed 100% Replacement)



- NOTES:**
- DRIVEWAY APRON REPLACEMENT:**
- All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling. Any additional apron removals and/or replacements shall be done at the expense of the Contractor.
  - Any bituminous aprons to be removed shall be saw-cut 3' behind the back-of-curb and replaced per Village Standards.
  - Any concrete aprons to be removed shall be saw-cut at the nearest joint. If no joint is available within the parkway, then the apron shall be saw-cut 3' behind the back-of-curb.
- STRIPING REPLACEMENT:**
- All existing striping, including stop bars and crosswalks, shall be replaced upon completion of paving activities in accordance with IDOT standards.
- DRIVEWAY CLOSINGS:**
- It will be the Contractor's responsibility to notify residents and the Village 2 days in advance when access to the residents' driveways will be temporarily closed due to curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to the properties.

**LEGEND**

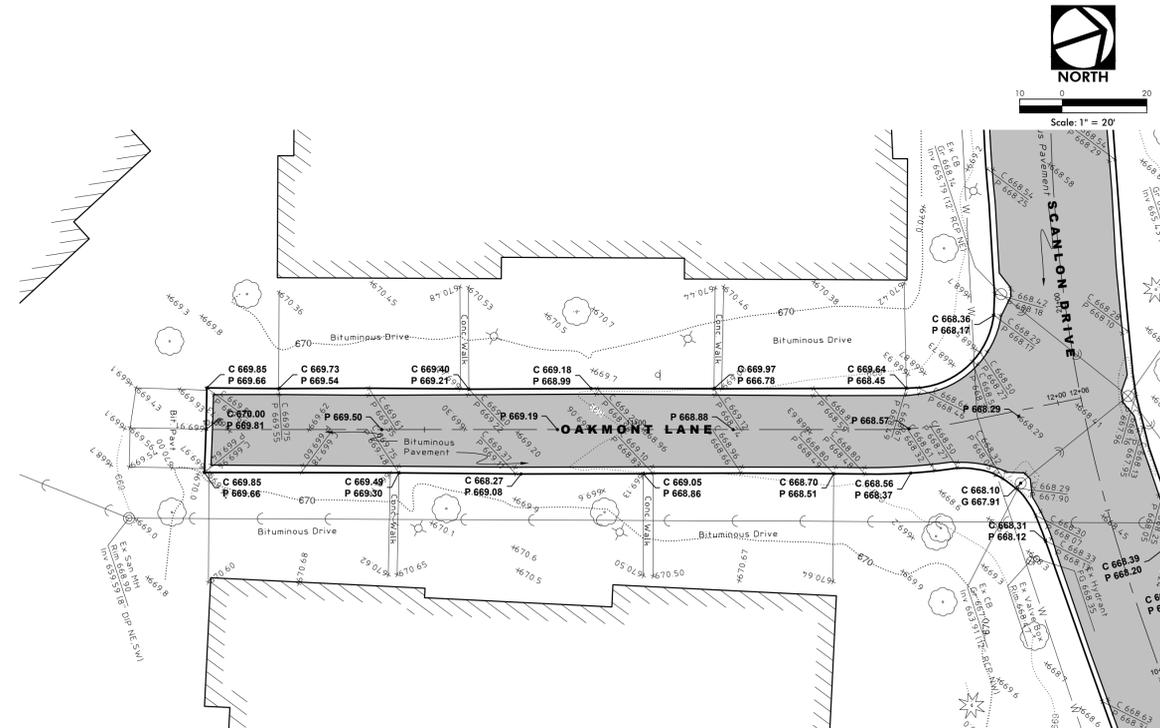
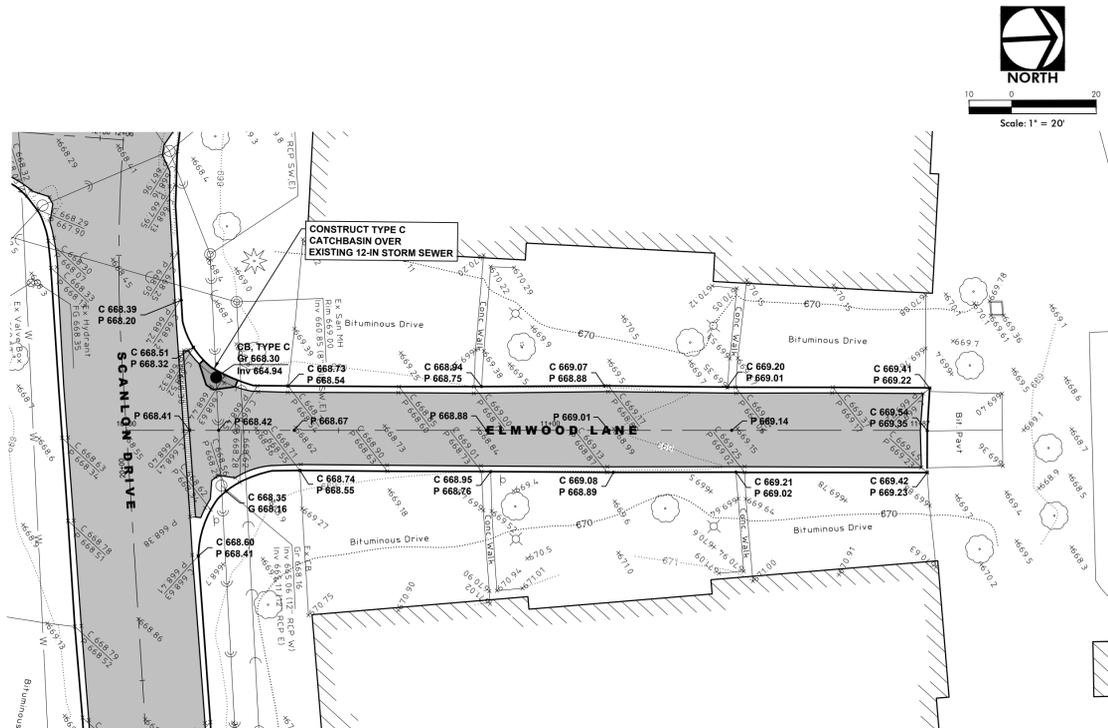
- BITUMINOUS PAVEMENT - RESURFACE**
  - 2" Hot Mix Asphalt (HMA) Surface Course, Mix 'D', N50
- CONCRETE SIDEWALK - REMOVE & REPLACE**
  - New Detectable Warning Surfaces at all Crossing Locations
  - Refer to IDOT Standard Detail 424001
- MODIFIED CURB DRAINAGE STRUCTURE**
  - Frame and Grate to be Replaced and Adjusted as Necessary
- DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED**
  - Adjust Frame and Grate/Lid to Finished Grade Elevation
- CURB AND GUTTER REPLACEMENT**



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**NORTHBURY COURT  
 WILDBERRY COURT  
 VILLAGE OF WHEELING 2020  
 STREET IMPROVEMENT PROGRAM  
 WHEELING, ILLINOIS**

Project Manager: M L A  
 Engineer: J D L  
 Date: 03-06-2020  
 Project No. 19-197  
 Sheet **C10.0** of C24



**QUANTITY ASSUMPTIONS (ELMWOOD LANE):**

- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = **2 SY** (Estimated quantity)
- Asphalt Driveway Aprons = **39 SY** (Estimated quantity)
- Concrete Sidewalks = **0 SF** (As Shown)
- M 3.12 Curb and Gutter = **374 LF** (Assumed 100% Replacement)

**QUANTITY ASSUMPTIONS (OAKMONT LANE):**

- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = **2 SY** (Estimated quantity)
- Asphalt Driveway Aprons = **38 SY** (Estimated quantity)
- Concrete Sidewalks = **0 SF** (As Shown)
- M 3.12 Curb and Gutter = **406 LF** (Assumed 100% Replacement)

**NOTES:**

**DRIVEWAY APRON REPLACEMENT:**

- All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling. Any additional apron removals and/or replacements shall be done at the expense of the Contractor.
- Any bituminous aprons to be removed shall be saw-cut 3' behind the back-of-curb and replaced per Village Standards.
- Any concrete aprons to be removed shall be saw-cut at the nearest joint. If no joint is available within the roadway, then the apron shall be saw-cut 3' behind the back-of-curb.

**STRIPING REPLACEMENT:**

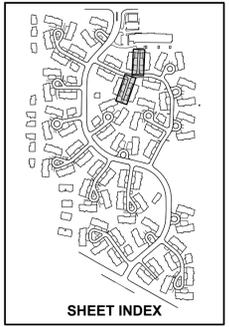
- All existing striping, including stop bars and crosswalks, shall be replaced upon completion of paving activities in accordance with IDOT standards.

**DRIVEWAY CLOSINGS:**

- It will be the Contractor's responsibility to notify residents and the Village 2 days in advance when access to the residents' driveways will be temporarily closed due to curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to the properties.

**LEGEND**

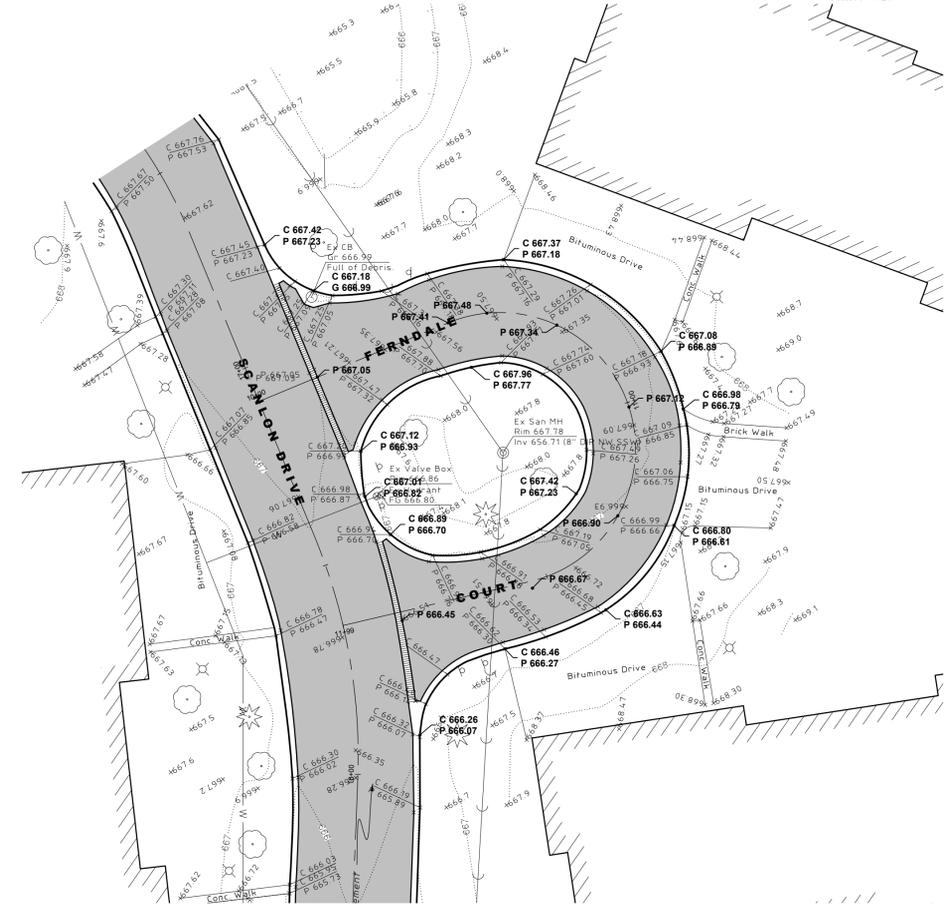
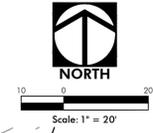
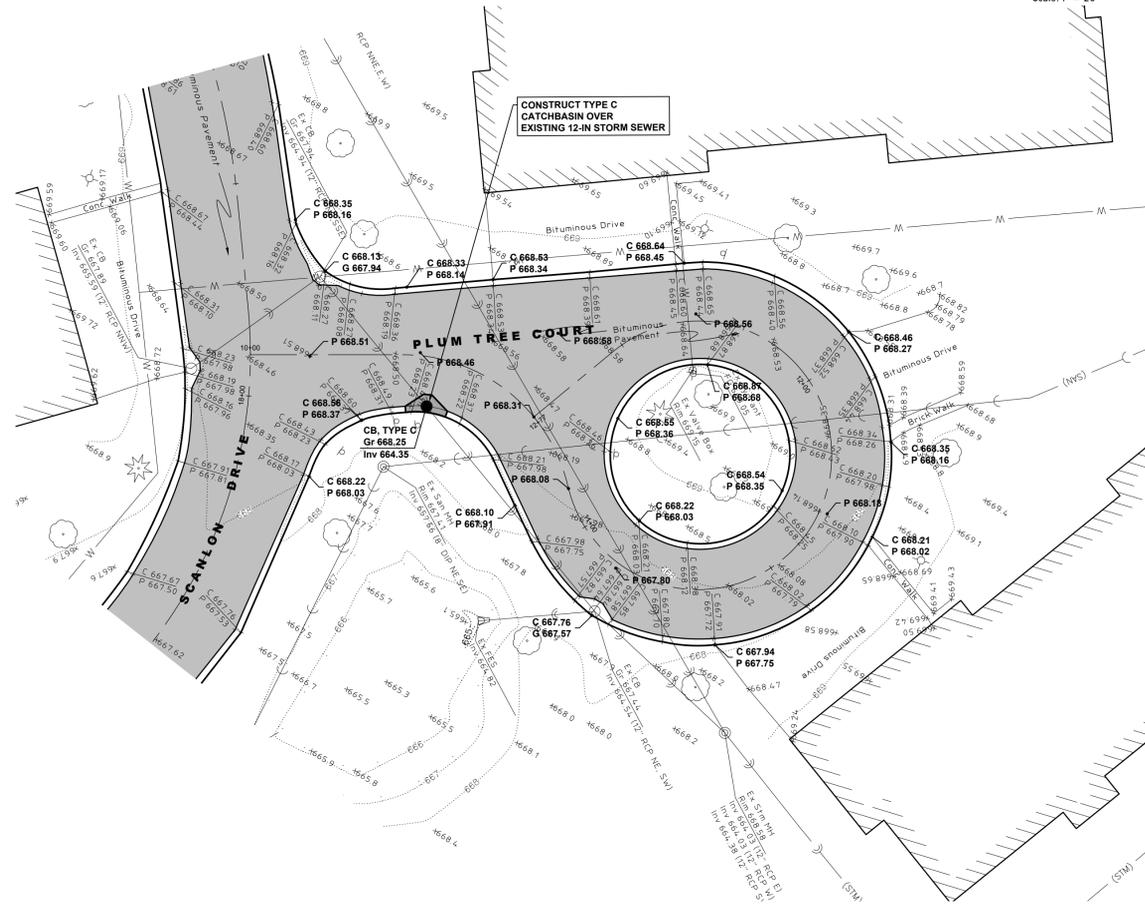
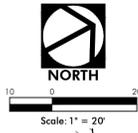
	<b>BITUMINOUS PAVEMENT - RESURFACE</b> • 2" Hot Mix Asphalt (HMA) Surface Course, Mix 'D', N50
	<b>CONCRETE SIDEWALK - REMOVE &amp; REPLACE</b> • New Detectable Warning Surfaces at all Crossing Locations • Refer to IDOT Standard Detail 424001
	<b>MODIFIED CURB DRAINAGE STRUCTURE</b> • Frame and Grate to be Replaced and Adjusted as Necessary
	<b>DRAINAGE &amp; UTILITY STRUCTURES TO BE ADJUSTED</b> • Adjust Frame and Grate/Lid to Finished Grade Elevation
	<b>CURB AND GUTTER REPLACEMENT</b>



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**ELMWOOD LANE & OAKMONT LANE**  
**VILLAGE OF WHEELING 2020 STREET IMPROVEMENT PROGRAM**  
WHEELING, ILLINOIS

Project Manager: M L A  
Engineer: J D L  
Date: 03-06-2020  
Project No. 19-197  
Sheet **C11.0** of C24



**QUANTITY ASSUMPTIONS (FERNDALE COURT):**

- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = 0 SY (Estimated quantity)
- Asphalt Driveway Aprons = 27 SY (Estimated quantity)
- Concrete Sidewalks = 0 SF (As Shown)
- M 3.12 Curb and Gutter = 386 LF (Assumed 100% Replacement)

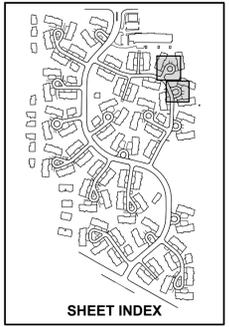
**QUANTITY ASSUMPTIONS (PLUM TREE COURT):**

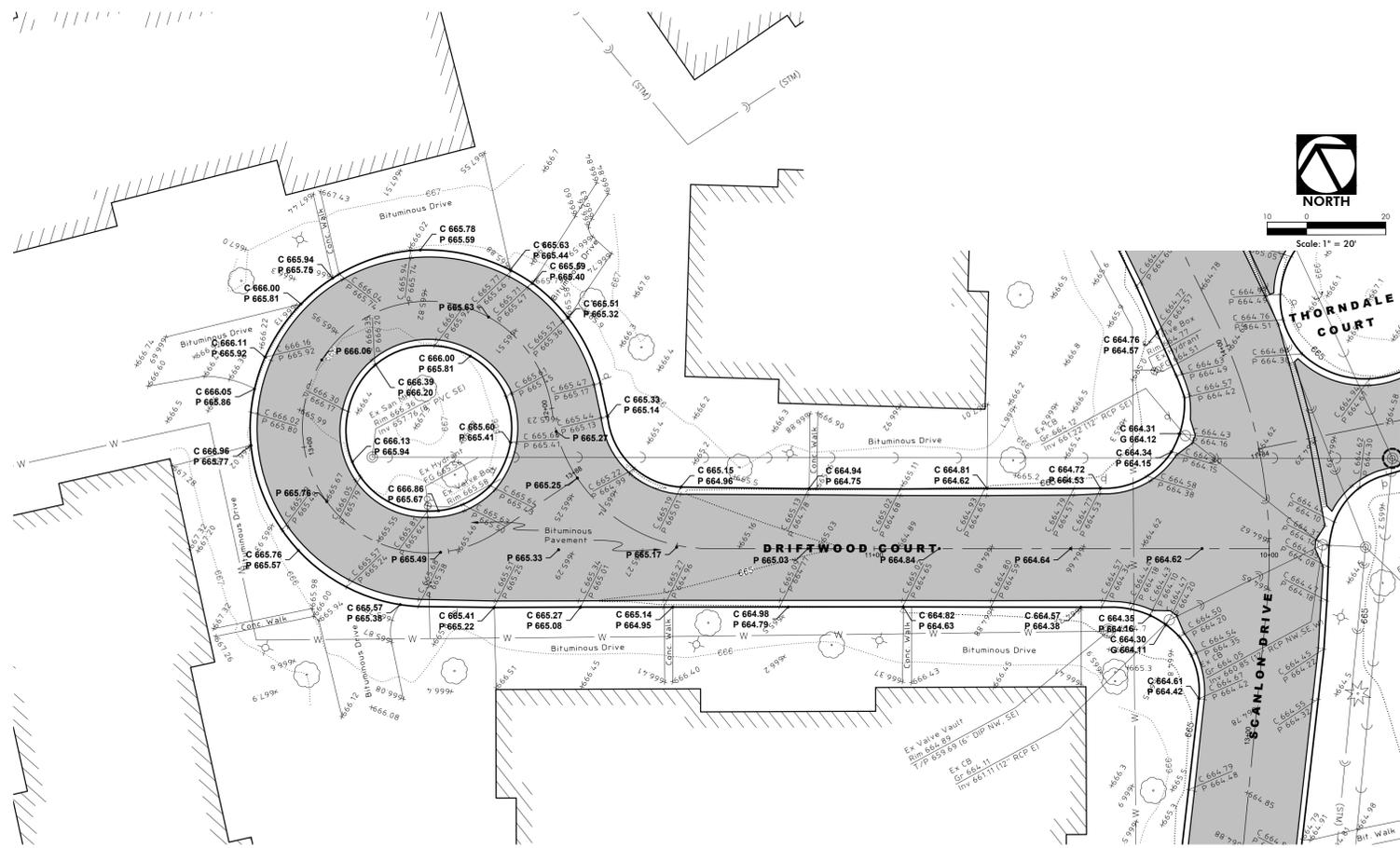
- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = 1 SY (Estimated quantity)
- Asphalt Driveway Aprons = 25 SY (Estimated quantity)
- Concrete Sidewalks = 0 SF (As Shown)
- M 3.12 Curb and Gutter = 514 LF (Assumed 100% Replacement)

- NOTES:**
- DRIVEWAY APRON REPLACEMENT:**
- All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling. Any additional apron removals and/or replacements shall be done at the expense of the Contractor.
  - Any bituminous aprons to be removed shall be saw-cut 3' behind the back-of-curb and replaced per Village Standards.
  - Any concrete aprons to be removed shall be saw-cut at the nearest joint. If no joint is available within the driveway, then the apron shall be saw-cut 3' behind the back-of-curb.
- STRIPING REPLACEMENT:**
- All existing striping, including stop bars and crosswalks, shall be replaced upon completion of paving activities in accordance with IDOT standards.
- DRIVEWAY CLOSINGS:**
- It will be the Contractor's responsibility to notify residents and the Village 2 days in advance when access to the residents' driveways will be temporarily closed due to curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to the properties.

**LEGEND**

	<b>BITUMINOUS PAVEMENT - RESURFACE</b>
	• 2" Hot Mix Asphalt (HMA) Surface Course, Mix 'D', N50
	<b>CONCRETE SIDEWALK - REMOVE &amp; REPLACE</b>
	• New Detectable Warning Surfaces at all Crossing Locations
	• Refer to IDOT Standard Detail 424001
	<b>MODIFIED CURB DRAINAGE STRUCTURE</b>
	• Frame and Grate to be Replaced and Adjusted as Necessary
	<b>DRAINAGE &amp; UTILITY STRUCTURES TO BE ADJUSTED</b>
	• Adjust Frame and Grate/Lid to Finished Grade Elevation
	<b>CURB AND GUTTER REPLACEMENT</b>





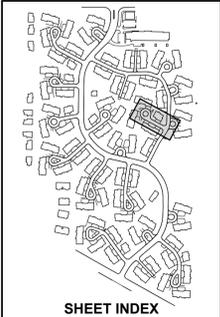
**QUANTITY ASSUMPTIONS (DRIFTWOOD COURT):**

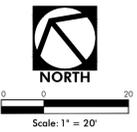
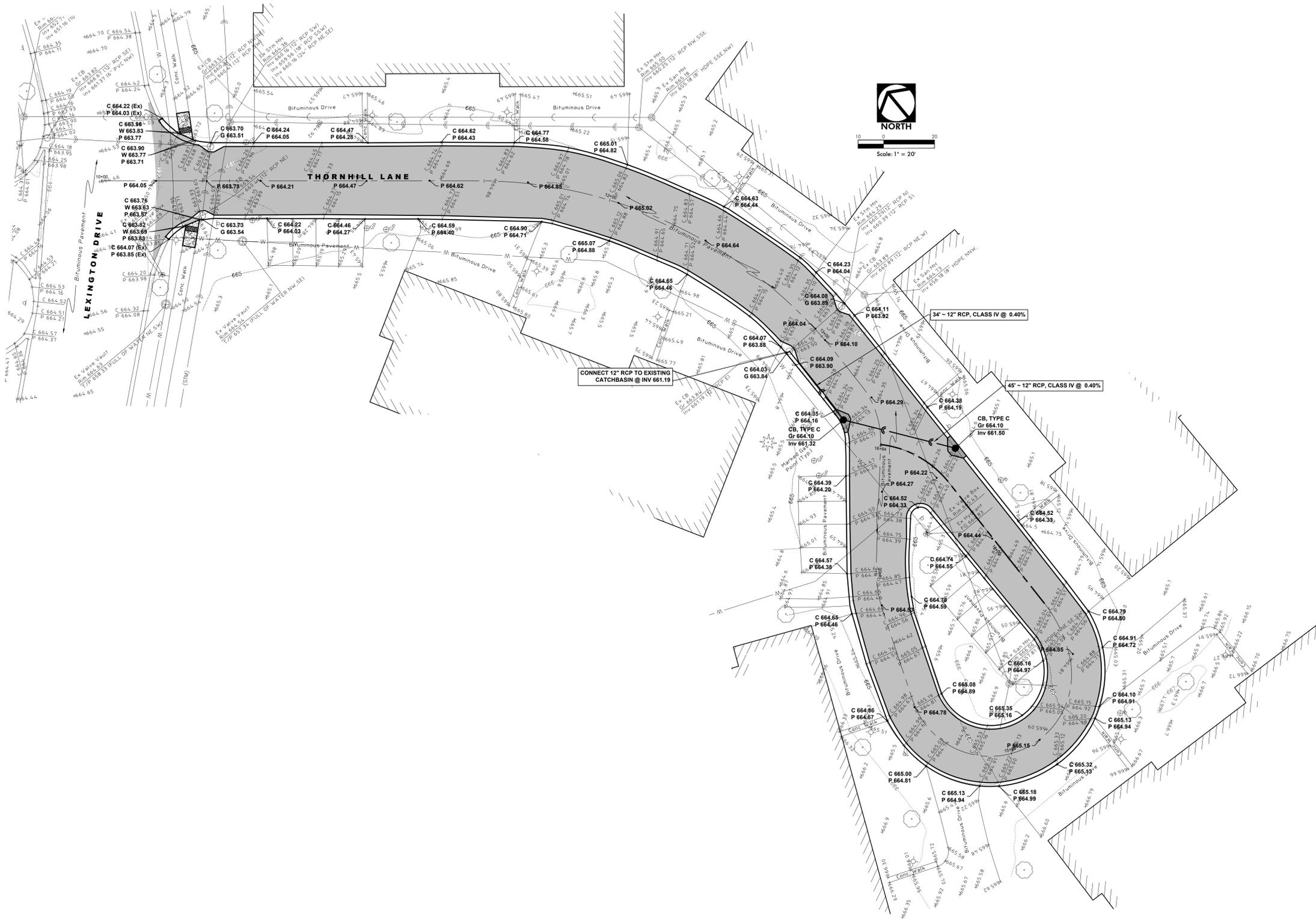
- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = 2 SY (Estimated quantity)
- Asphalt Driveway Aprons = 60 SY (Estimated quantity)
- Concrete Sidewalks = 0 SF (As Shown)
- M 3.12 Curb and Gutter = 715 LF (Assumed 100% Replacement)

- NOTES:**
- DRIVEWAY APRON REPLACEMENT:**
- All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling. Any additional apron removals and/or replacements shall be done at the expense of the Contractor.
  - Any bituminous aprons to be removed shall be saw-cut 3' behind the back-of-curb and replaced per Village Standards.
  - Any concrete aprons to be removed shall be saw-cut at the nearest joint. If no joint is available within the parkway, then the apron shall be saw-cut 3' behind the back-of-curb.
- STRIPING REPLACEMENT:**
- All existing striping, including stop bars and crosswalks, shall be replaced upon completion of paving activities in accordance with IDOT standards.
- DRIVEWAY CLOSINGS:**
- It will be the Contractor's responsibility to notify residents and the Village 2 days in advance when access to the residents' driveways will be temporarily closed due to curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to the properties.

**LEGEND**

	<b>BITUMINOUS PAVEMENT - RESURFACE</b> • 2" Hot Mix Asphalt (HMA) Surface Course, Mix 'D', NS0
	<b>CONCRETE SIDEWALK - REMOVE &amp; REPLACE</b> • New Detectable Warning Surfaces at all Crossing Locations • Refer to IDOT Standard Detail 424001
	<b>MODIFIED CURB DRAINAGE STRUCTURE</b> • Frame and Grate to be Replaced and Adjusted as Necessary
	<b>DRAINAGE &amp; UTILITY STRUCTURES TO BE ADJUSTED</b> • Adjust Frame and Grate/Lid to Finished Grade Elevation
	<b>CURB AND GUTTER REPLACEMENT</b>





**QUANTITY ASSUMPTIONS (THORNHILL LANE):**

- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = 3 SY (Estimated quantity)
- Asphalt Driveway Aprons = 99 SY (Estimated quantity)
- Concrete Sidewalks = 100 SF (As Shown)
- M 3.12 Curb and Gutter = 1260 LF (Assumed 100% Replacement)

**NOTES:**

**DRIVEWAY APRON REPLACEMENT:**

- All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling. Any additional apron removals and/or replacements shall be done at the expense of the Contractor.
- Any bituminous aprons to be removed shall be saw-cut 3' behind the back-of-curb and replaced per Village Standards.
- Any concrete aprons to be removed shall be saw-cut at the nearest joint. If no joint is available within the parkway, then the apron shall be saw-cut 3' behind the back-of-curb.

**STRIPING REPLACEMENT:**

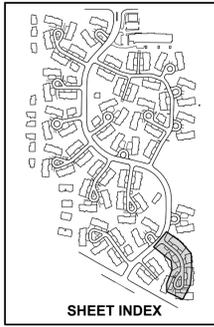
- All existing striping, including stop bars and crosswalks, shall be replaced upon completion of paving activities in accordance with IDOT standards.

**DRIVEWAY CLOSINGS:**

- It will be the Contractor's responsibility to notify residents and the Village 2 days in advance when access to the residents' driveways will be temporarily closed due to curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to the properties.

**LEGEND**

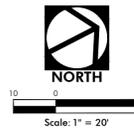
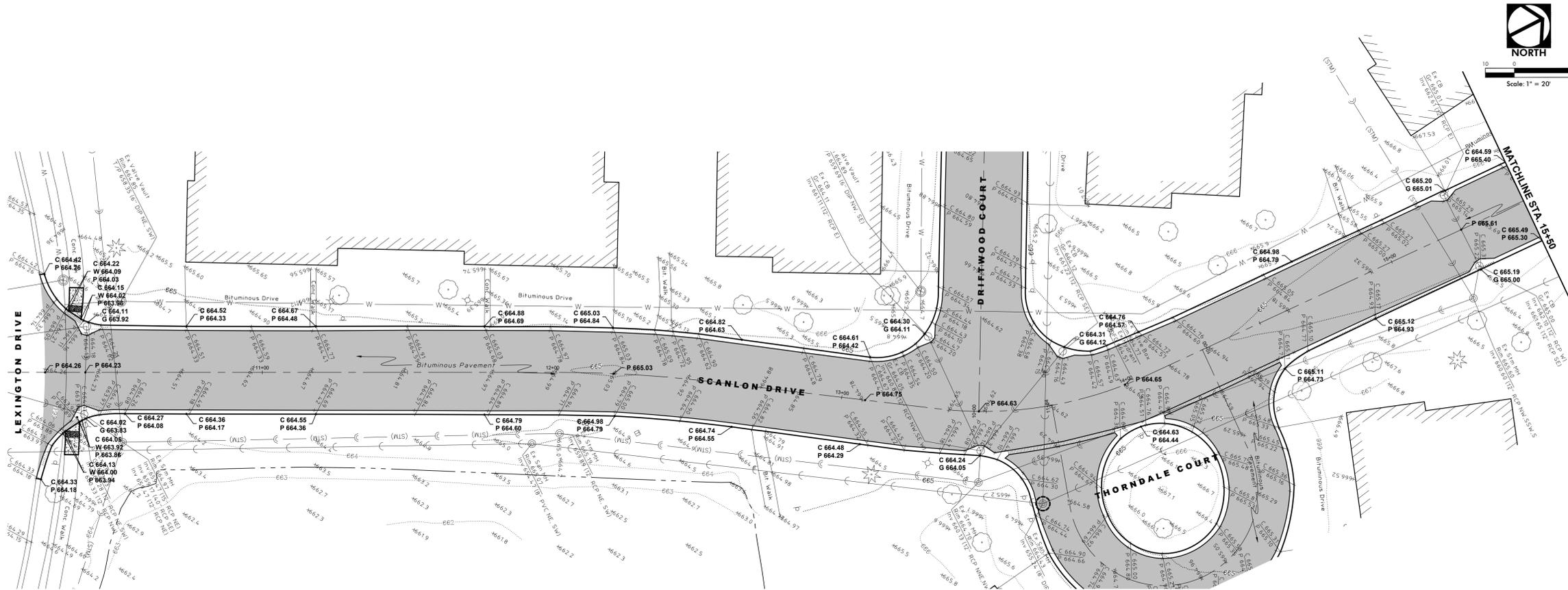
	<b>BITUMINOUS PAVEMENT - RESURFACE</b>
	• 2" Hot Mix Asphalt (HMA) Surface Course, Mix 'D', N50
	<b>CONCRETE SIDEWALK - REMOVE &amp; REPLACE</b>
	• New Detectable Warning Surfaces at all Crossing Locations
	• Refer to IDOT Standard Detail 424001
	<b>MODIFIED CURB DRAINAGE STRUCTURE</b>
	• Frame and Grate to be Replaced and Adjusted as Necessary
	<b>DRAINAGE &amp; UTILITY STRUCTURES TO BE ADJUSTED</b>
	• Adjust Frame and Grate/Lid to Finished Grade Elevation
	<b>CURB AND GUTTER REPLACEMENT</b>



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**THORNHILL LANE**  
**VILLAGE OF WHEELING 2020**  
**STREET IMPROVEMENT PROGRAM**  
 WHEELING, ILLINOIS

Project Manager: M L A  
 Engineer: J D L  
 Date: 03-06-2020  
 Project No. 19-197  
 Sheet **C14.0** of C24



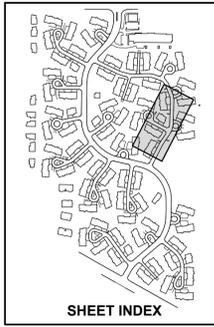
**QUANTITY ASSUMPTIONS (SCANLON DRIVE):**

- The limits of all driveway apron, sidewalk, and curb removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = 5 SY (Estimated quantity)
- Asphalt Driveway Aprons = 96 SY (Estimated quantity)
- Concrete Sidewalks = 200 SF (As Shown)
- M 3.12 Curb and Gutter = 2356 LF (Assumed 100% Replacement)

- NOTES:**
- DRIVEWAY APRON REPLACEMENT:**
- All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling. Any additional apron removals and/or replacements shall be done at the expense of the Contractor.
  - Any bituminous aprons to be removed shall be saw-cut 3' behind the back-of-curb and replaced per Village Standards.
  - Any concrete aprons to be removed shall be saw-cut at the nearest joint. If no joint is available within the parkway, then the apron shall be saw-cut 3' behind the back-of-curb.
- STRIPING REPLACEMENT:**
- All existing striping, including stop bars and crosswalks, shall be replaced upon completion of paving activities in accordance with IDOT standards.
- DRIVEWAY CLOSINGS:**
- It will be the Contractor's responsibility to notify residents and the Village 2 days in advance when access to the residents' driveways will be temporarily closed due to curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to the properties.

**LEGEND**

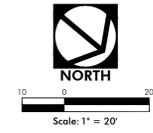
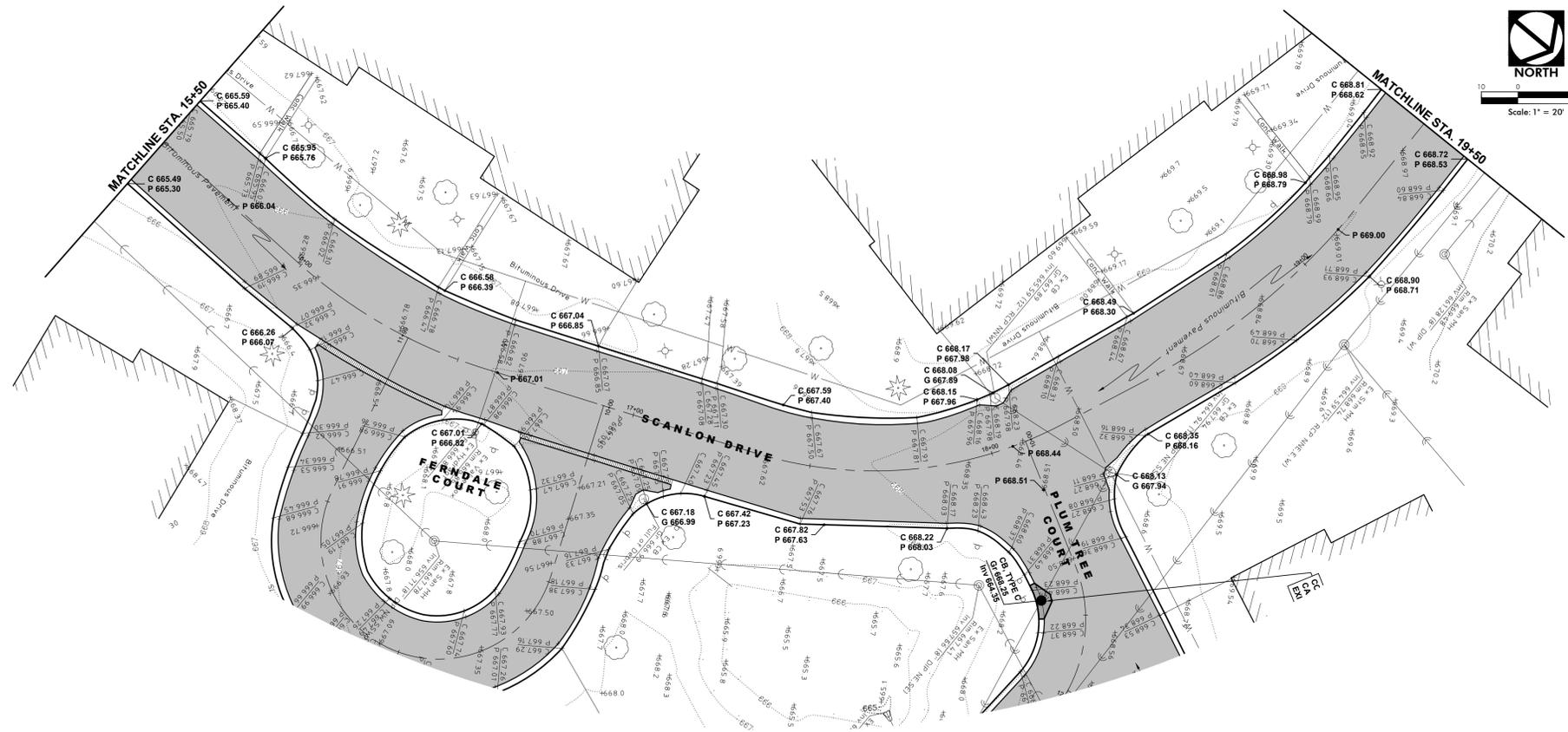
	<b>BITUMINOUS PAVEMENT - RESURFACE</b>
	• 2" Hot Mix Asphalt (HMA) Surface Course, Mix 'D', N50
	<b>CONCRETE SIDEWALK - REMOVE &amp; REPLACE</b>
	• New Detectable Warning Surfaces at all Crossing Locations
	• Refer to IDOT Standard Detail 424001
	<b>MODIFIED CURB DRAINAGE STRUCTURE</b>
	• Frame and Grate to be Replaced and Adjusted as Necessary
	<b>DRAINAGE &amp; UTILITY STRUCTURES TO BE ADJUSTED</b>
	• Adjust Frame and Grate/Lid to Finished Grade Elevation
	<b>CURB AND GUTTER REPLACEMENT</b>



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**SCANLON DRIVE**  
**VILLAGE OF WHEELING 2020**  
**STREET IMPROVEMENT PROGRAM**  
 WHEELING, ILLINOIS

Project Manager: M L A  
 Engineer: J D L  
 Date: 03-06-2020  
 Project No: 19-197  
 Sheet: **C15.0** / C24



**QUANTITY ASSUMPTIONS (SCANLON DRIVE):**

- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = 5 SY (Estimated quantity)
- Asphalt Driveway Aprons = 96 SY (Estimated quantity)
- Concrete Sidewalks = 200 SF (As Shown)
- M 3.12 Curb and Gutter = 2356 LF (Assumed 100% Replacement)

**NOTES:**

**DRIVEWAY APRON REPLACEMENT:**

- All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling. Any additional apron removals and/or replacements shall be done at the expense of the Contractor.
- Any bituminous aprons to be removed shall be saw-cut 3' behind the back-of-curb and replaced per Village Standards.
- Any concrete aprons to be removed shall be saw-cut at the nearest joint. If no joint is available within the parkway, then the apron shall be saw-cut 3' behind the back-of-curb.

**STRIPING REPLACEMENT:**

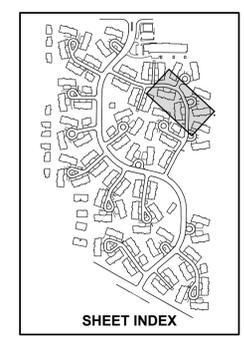
- All existing striping, including stop bars and crosswalks, shall be replaced upon completion of paving activities in accordance with IDOT standards.

**DRIVEWAY CLOSINGS:**

- It will be the Contractor's responsibility to notify residents and the Village 2 days in advance when access to the residents' driveways will be temporarily closed due to curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to the properties.

**LEGEND**

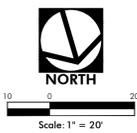
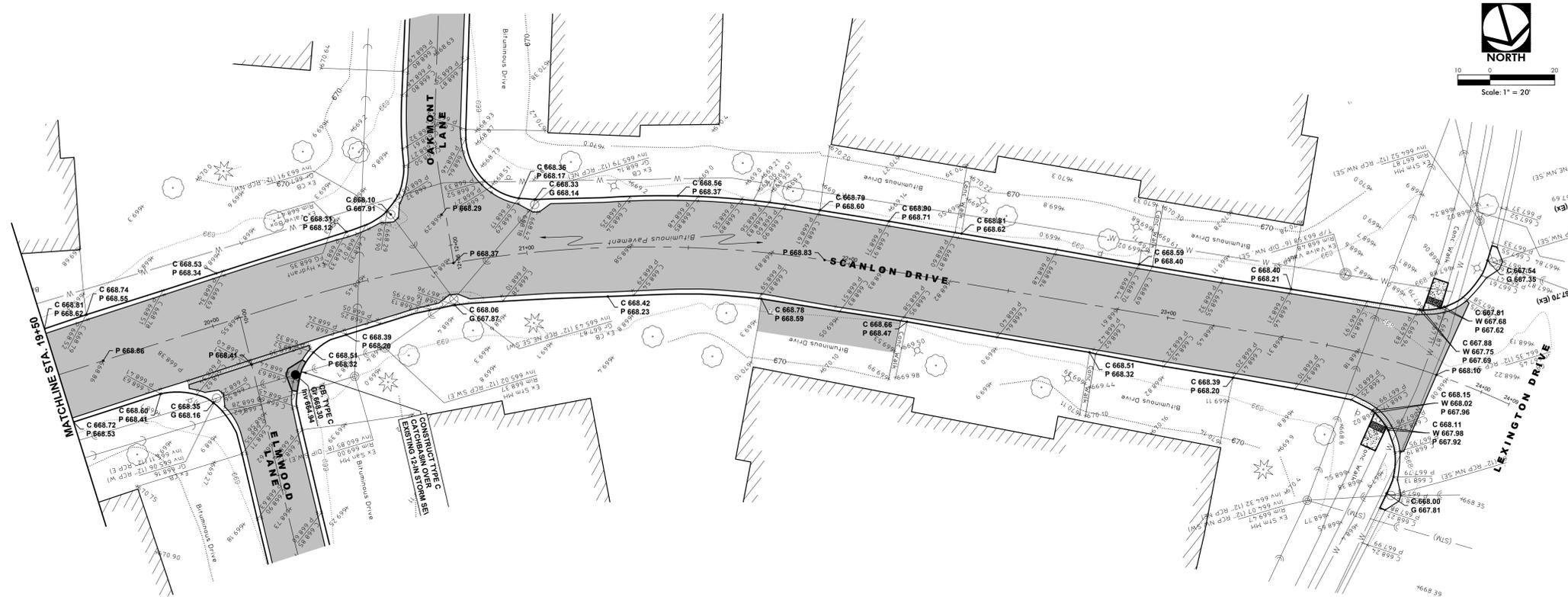
	<b>BITUMINOUS PAVEMENT - RESURFACE</b>
	• 2" Hot Mix Asphalt (HMA) Surface Course, Mix 'D', NS0
	<b>CONCRETE SIDEWALK - REMOVE &amp; REPLACE</b>
	• New Detectable Warning Surfaces at all Crossing Locations
	• Refer to IDOT Standard Detail 424001
	<b>MODIFIED CURB DRAINAGE STRUCTURE</b>
	• Frame and Grate to be Replaced and Adjusted as Necessary
	<b>DRAINAGE &amp; UTILITY STRUCTURES TO BE ADJUSTED</b>
	• Adjust Frame and Grate/Lid to Finished Grade Elevation
	<b>CURB AND GUTTER REPLACEMENT</b>



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**SCANLON DRIVE**  
**VILLAGE OF WHEELING 2020**  
**STREET IMPROVEMENT PROGRAM**  
 WHEELING, ILLINOIS

Project Manager: M L A  
 Engineer: J D L  
 Date: 03-06-2020  
 Project No. 19-197  
 Sheet **C15.1** of C24



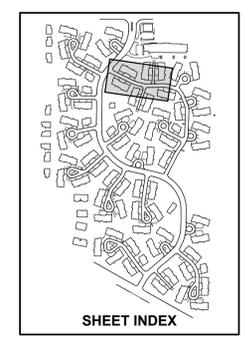
**QUANTITY ASSUMPTIONS (SCANLON DRIVE):**

- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = 5 SY (Estimated quantity)
- Asphalt Driveway Aprons = 96 SY (Estimated quantity)
- Concrete Sidewalks = 200 SF (As Shown)
- M 3.12 Curb and Gutter = 2356 LF (Assumed 100% Replacement)

- NOTES:**
- DRIVEWAY APRON REPLACEMENT:**
- All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling. Any additional apron removals and/or replacements shall be done at the expense of the Contractor.
  - Any bituminous aprons to be removed shall be saw-cut 3' behind the back-of-curb and replaced per Village Standards.
  - Any concrete aprons to be removed shall be saw-cut at the nearest joint. If no joint is available within the parkway, then the apron shall be saw-cut 3' behind the back-of-curb.
- STRIPING REPLACEMENT:**
- All existing striping, including stop bars and crosswalks, shall be replaced upon completion of paving activities in accordance with IDOT standards.
- DRIVEWAY CLOSINGS:**
- It will be the Contractor's responsibility to notify residents and the Village 2 days in advance when access to the residents' driveways will be temporarily closed due to curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to the properties.

**LEGEND**

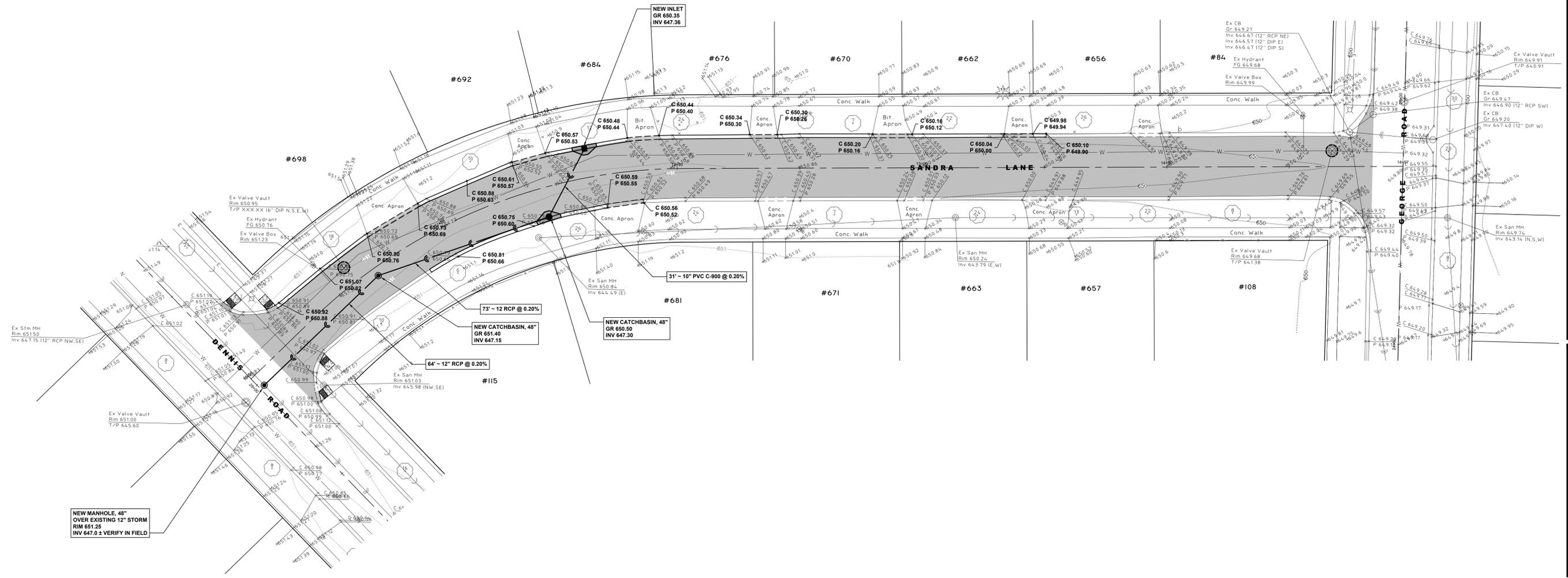
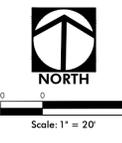
	<b>BITUMINOUS PAVEMENT - RESURFACE</b>
	• 2" Hot Mix Asphalt (HMA) Surface Course, Mix 'D', N50
	<b>CONCRETE SIDEWALK - REMOVE &amp; REPLACE</b>
	• New Detectable Warning Surfaces at all Crossing Locations
	• Refer to IDOT Standard Detail 424001
	<b>MODIFIED CURB DRAINAGE STRUCTURE</b>
	• Frame and Grate to be Replaced and Adjusted as Necessary
	<b>DRAINAGE &amp; UTILITY STRUCTURES TO BE ADJUSTED</b>
	• Adjust Frame and Grate/Lid to Finished Grade Elevation
	<b>CURB AND GUTTER REPLACEMENT</b>



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**SCANLON DRIVE**  
**VILLAGE OF WHEELING 2020**  
**STREET IMPROVEMENT PROGRAM**  
 WHEELING, ILLINOIS

Project Manager: M L A  
 Engineer: J D L  
 Date: 03-06-2020  
 Project No. 19-197  
 Sheet **C15.2** of C24

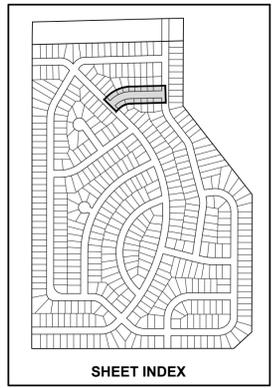


NEW MANHOLE, 48" OVER EXISTING 12" STORM RIM 651.25 INV 647.0 ± VERIFY IN FIELD

QUANTITY ASSUMPTIONS (SANDRA LANE):
• In addition to the areas shown on this sheet, the limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.

NOTES:
DRIVEWAY APRON REPLACEMENT:
• All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling.

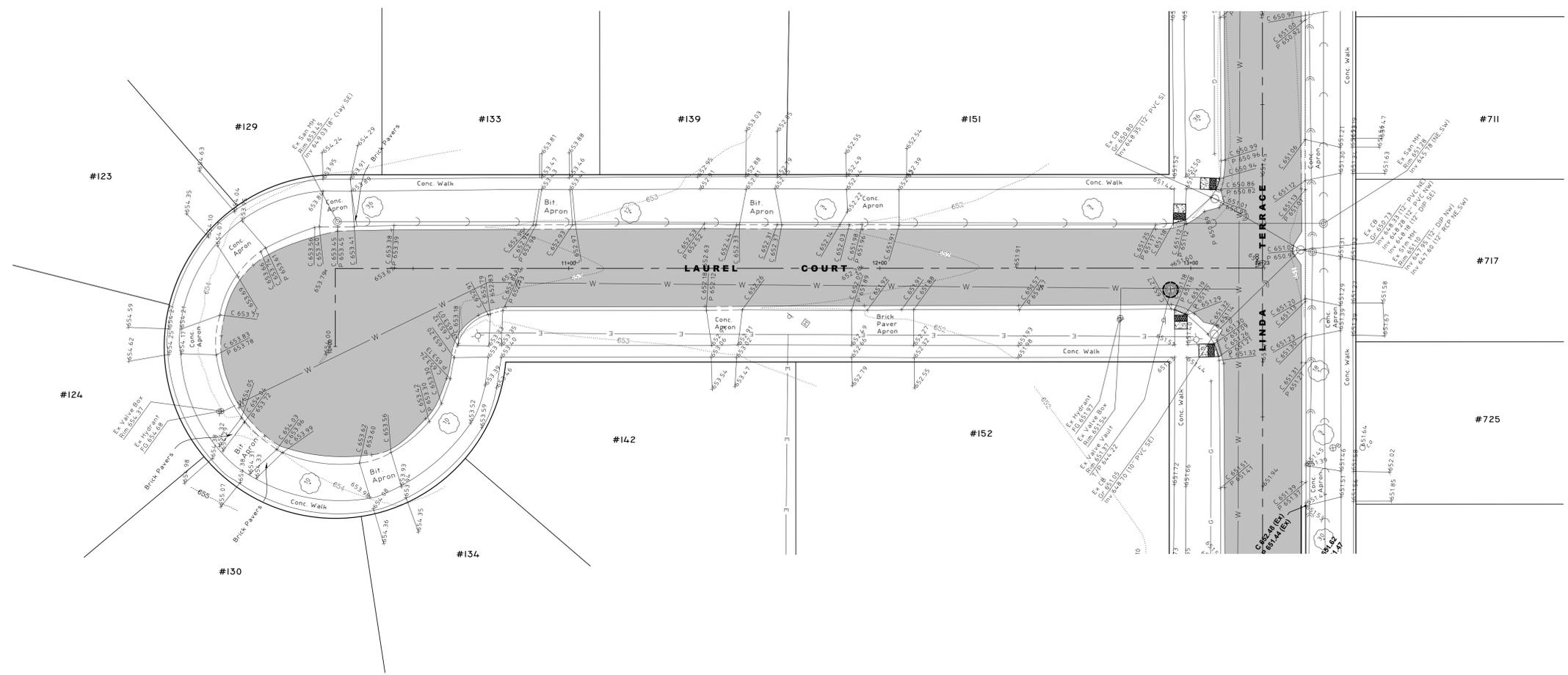
LEGEND
BITUMINOUS PAVEMENT - RESURFACE
• 2" Hot Mix Asphalt (HMA) Surface Course, Mix 'D', N50
CONCRETE SIDEWALK - REMOVE & REPLACE
• New Detectable Warning Surfaces at all Crossing Locations



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SANDRA LANE STA. 10+00 TO STA. 14+97
VILLAGE OF WHEELING 2020 STREET IMPROVEMENT PROGRAM WHEELING, ILLINOIS

Project Manager: M.L.A.
Engineer: J.D.L.
Date: 03-06-2020
Project No. 19-197
Sheet C16.0



**QUANTITY ASSUMPTIONS (LAUREL COURT):**

- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = 12 SY (Estimated quantity)
- Asphalt Driveway Aprons = 11 SY (Estimated quantity)
- Concrete Sidewalks = 100 SF (Estimated quantity)
- M 3.12 Curb and Gutter = 259 LF (Assumed 35% Replacement)

**NOTES:**

**DRIVEWAY APRON REPLACEMENT:**

- All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling. Any additional apron removals and/or replacements shall be done at the expense of the Contractor.
- Any bituminous aprons to be removed shall be saw-cut 3' behind the back-of-curb and replaced per Village Standards.
- Any concrete aprons to be removed shall be saw-cut at the nearest joint. If no joint is available within the parkway, then the apron shall be saw-cut 3' behind the back-of-curb.

**STRIPING REPLACEMENT:**

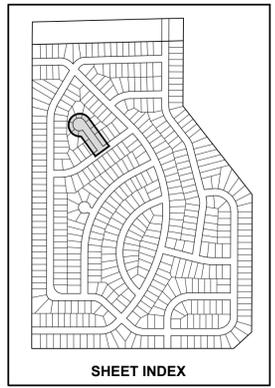
- All existing striping, including stop bars and crosswalks, shall be replaced upon completion of paving activities in accordance with IDOT standards.

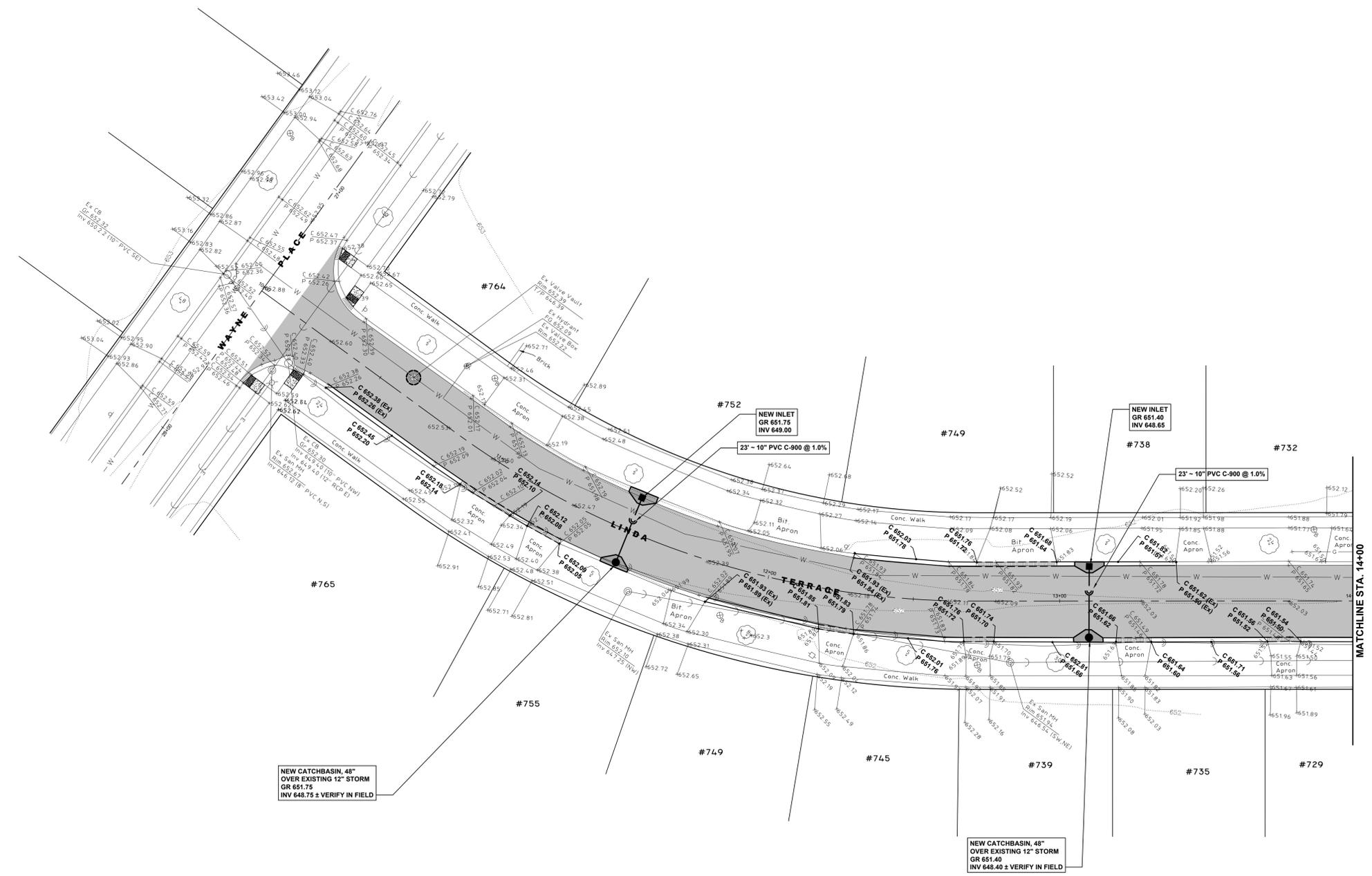
**DRIVEWAY CLOSINGS:**

- It will be the Contractor's responsibility to notify residents and the Village 2 days in advance when access to the residents' driveways will be temporarily closed due to curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to the properties.

**LEGEND**

	<b>BITUMINOUS PAVEMENT - RESURFACE</b>
	• 2" Hot Mix Asphalt (HMA) Surface Course, Mix 'D', N50
	<b>CONCRETE SIDEWALK - REMOVE &amp; REPLACE</b>
	• New Detectable Warning Surfaces at all Crossing Locations
	• Refer to IDOT Standard Detail 424001
	<b>MODIFIED CURB DRAINAGE STRUCTURE</b>
	• Frame and Grate to be Replaced and Adjusted as Necessary
	<b>DRAINAGE &amp; UTILITY STRUCTURES TO BE ADJUSTED</b>
	• Adjust Frame and Grate/Lid to Finished Grade Elevation
	<b>CURB AND GUTTER REPLACEMENT</b>





NEW CATCHBASIN, 48"  
OVER EXISTING 12" STORM  
GR 651.75  
INV 648.75 ± VERIFY IN FIELD

NEW CATCHBASIN, 48"  
OVER EXISTING 12" STORM  
GR 651.40  
INV 648.40 ± VERIFY IN FIELD

**QUANTITY ASSUMPTIONS (LINDA TERRACE):**

- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = 46 SY (Estimated quantity)
- Asphalt Driveway Aprons = 23 SY (Estimated quantity)
- Concrete Sidewalks = 200 SF (As Shown)
- M 3.12 Curb and Gutter = 444 LF (Assumed 60% Replacement)

**NOTES:**

**DRIVEWAY APRON REPLACEMENT:**

- All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling. Any additional apron removals and/or replacements shall be done at the expense of the Contractor.
- Any bituminous aprons to be removed shall be saw-cut 3' behind the back-of-curb and replaced per Village Standards.
- Any concrete aprons to be removed shall be saw-cut at the nearest joint. If no joint is available within the parkway, then the apron shall be saw-cut 3' behind the back-of-curb.

**STRIPING REPLACEMENT:**

- All existing striping, including stop bars and crosswalks, shall be replaced upon completion of paving activities in accordance with IDOT standards.

**DRIVEWAY CLOSINGS:**

- It will be the Contractor's responsibility to notify residents and the Village 2 days in advance when access to the residents' driveways will be temporarily closed due to curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to the properties.

**LEGEND**

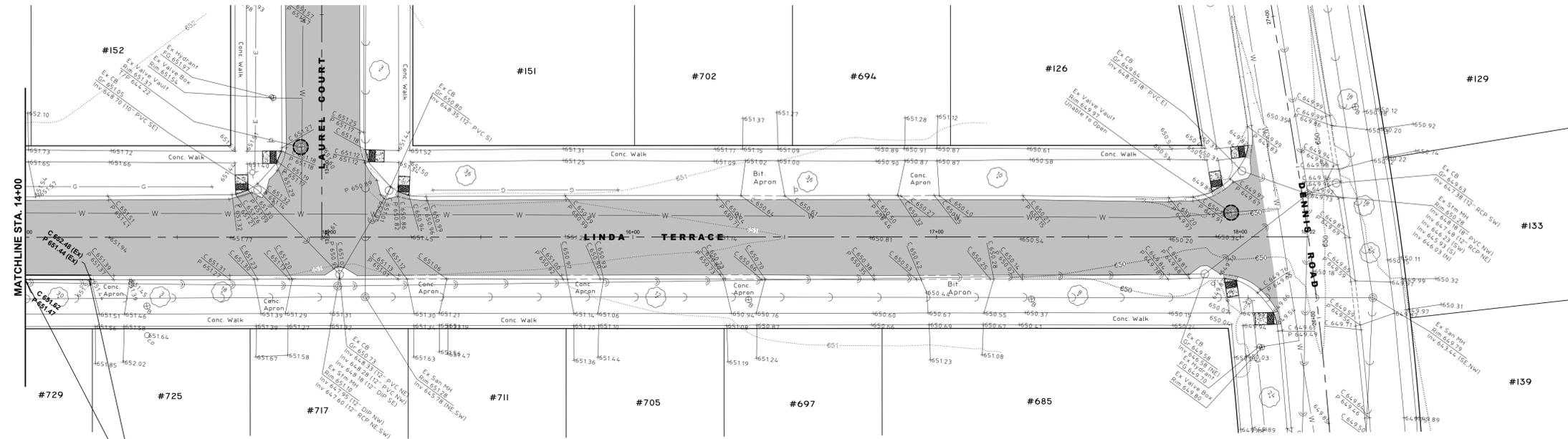
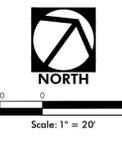
	<b>BITUMINOUS PAVEMENT - RESURFACE</b>
	• 2" Hot Mix Asphalt (HMA) Surface Course, Mix 'D', NS0
	<b>CONCRETE SIDEWALK - REMOVE &amp; REPLACE</b>
	• New Detectable Warning Surfaces at all Crossing Locations
	• Refer to IDOT Standard Detail 424001
	<b>MODIFIED CURB DRAINAGE STRUCTURE</b>
	• Frame and Grate to be Replaced and Adjusted as Necessary
	<b>DRAINAGE &amp; UTILITY STRUCTURES TO BE ADJUSTED</b>
	• Adjust Frame and Grate/Lid to Finished Grade Elevation
	<b>CURB AND GUTTER REPLACEMENT</b>



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**LINDA TERRACE  
STA. 10+00 TO STA. 14+00  
VILLAGE OF WHEELING 2020  
STREET IMPROVEMENT PROGRAM**  
WHEELING, ILLINOIS

Project Manager: M L A  
Engineer: J D L  
Date: 03-06-2020  
Project No. 19-197  
Sheet **C18.0** of C24



IN ADDITION TO CURB IDENTIFIED IN THE FIELD TO BE REPLACED DUE TO CONDITION, CURB SHALL BE REPLACED TO PROVIDE CONTINUOUS POSITIVE SLOPE

**QUANTITY ASSUMPTIONS (LINDA TERRACE):**

- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = 46 SY (Estimated quantity)
- Asphalt Driveway Aprons = 23 SY (Estimated quantity)
- Concrete Sidewalks = 200 SF (As Shown)
- M 3.12 Curb and Gutter = 444 LF (Assumed 60% Replacement)

- NOTES:**
- DRIVEWAY APRON REPLACEMENT:**
- All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling. Any additional apron removals and/or replacements shall be done at the expense of the Contractor.
  - Any bituminous aprons to be removed shall be saw-cut 3' behind the back-of-curb and replaced per Village Standards.
  - Any concrete aprons to be removed shall be saw-cut at the nearest joint. If no joint is available within the parkway, then the apron shall be saw-cut 3' behind the back-of-curb.
- STRIPING REPLACEMENT:**
- All existing striping, including stop bars and crosswalks, shall be replaced upon completion of paving activities in accordance with IDOT standards.
- DRIVEWAY CLOSINGS:**
- It will be the Contractor's responsibility to notify residents and the Village 2 days in advance when access to the residents' driveways will be temporarily closed due to curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to the properties.

**LEGEND**

	<b>BITUMINOUS PAVEMENT - RESURFACE</b>
	• 2" Hot Mix Asphalt (HMA) Surface Course, Mix 'D', N50
	<b>CONCRETE SIDEWALK - REMOVE &amp; REPLACE</b>
	• New Detectable Warning Surfaces at all Crossing Locations
	• Refer to IDOT Standard Detail 424001
	<b>MODIFIED CURB DRAINAGE STRUCTURE</b>
	• Frame and Grate to be Replaced and Adjusted as Necessary
	<b>DRAINAGE &amp; UTILITY STRUCTURES TO BE ADJUSTED</b>
	• Adjust Frame and Grate/Lid to Finished Grade Elevation
	<b>CURB AND GUTTER REPLACEMENT</b>



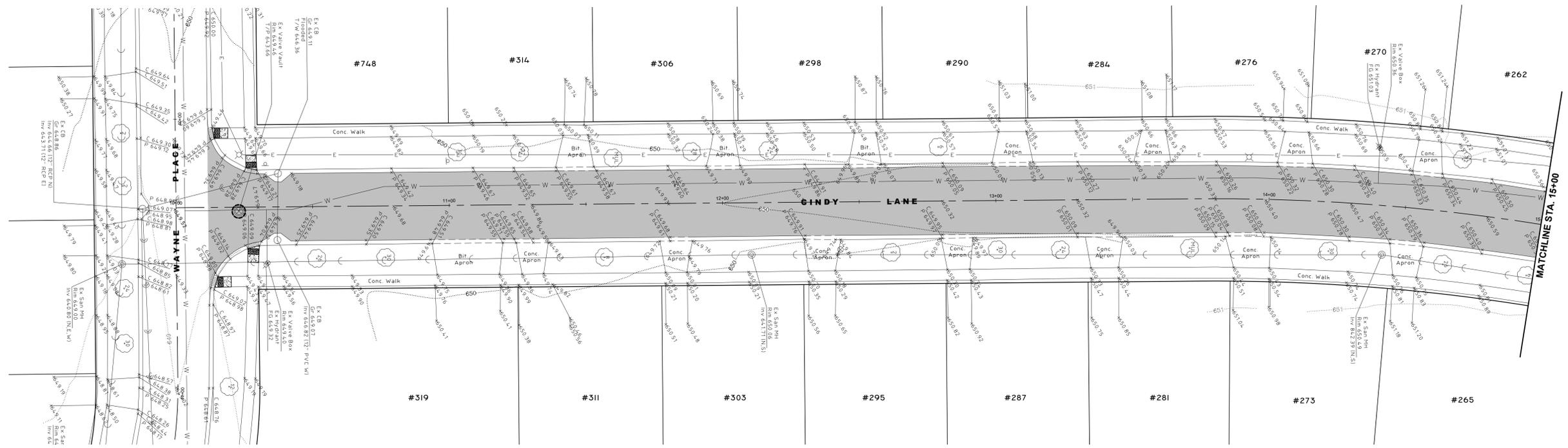
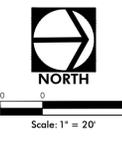
**LINDA TERRACE**  
**STA. 14+00 TO STA. 18+22**  
**VILLAGE OF WHEELING 2020**  
**STREET IMPROVEMENT PROGRAM**  
 WHEELING, ILLINOIS

Project Manager: M L A  
 Engineer: J D L  
 Date: 03-06-2020  
 Project No. 19-197  
 Sheet **C18.1** of C24

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Revision  
 Date  
 No.



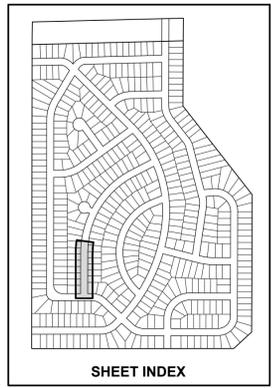
**QUANTITY ASSUMPTIONS (CINDY LANE):**

- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = 108 SY (Estimated quantity)
- Asphalt Driveway Aprons = 32 SY (Estimated quantity)
- Concrete Sidewalks = 275 SF (Estimated quantity)
- M 3.12 Curb and Gutter = 1077 LF (Assumed 35% Replacement)

- NOTES:**
- DRIVEWAY APRON REPLACEMENT:**
- All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling. Any additional apron removals and/or replacements shall be done at the expense of the Contractor.
  - Any bituminous aprons to be removed shall be saw-cut 3' behind the back-of-curb and replaced per Village Standards.
  - Any concrete aprons to be removed shall be saw-cut at the nearest joint. If no joint is available within the roadway, then the apron shall be saw-cut 3' behind the back-of-curb.
- STRIPING REPLACEMENT:**
- All existing striping, including stop bars and crosswalks, shall be replaced upon completion of paving activities in accordance with IDOT standards.
- DRIVEWAY CLOSINGS:**
- It will be the Contractor's responsibility to notify residents and the Village 2 days in advance when access to the residents' driveways will be temporarily closed due to curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to the properties.

**LEGEND**

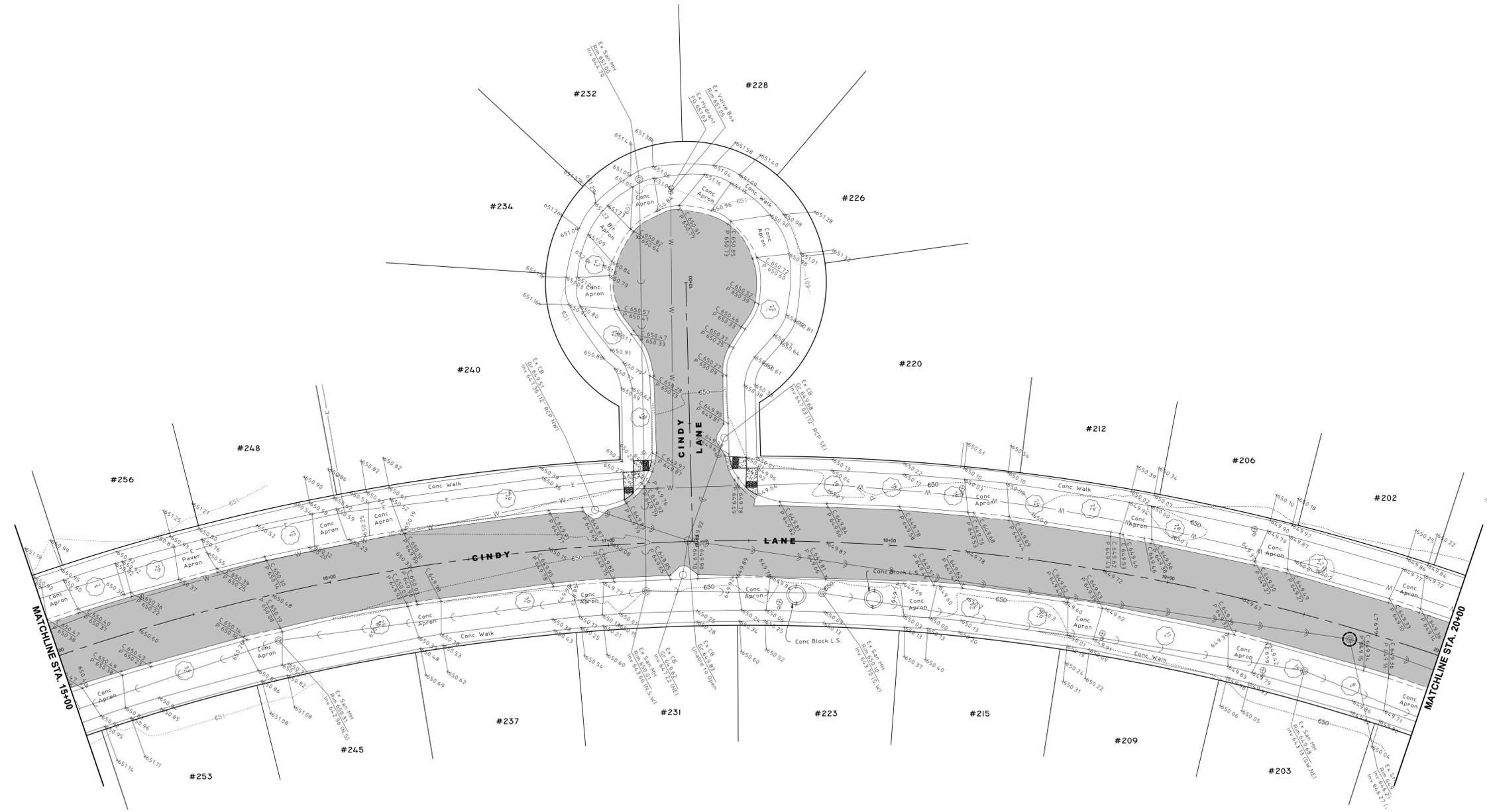
	<b>BITUMINOUS PAVEMENT - RESURFACE</b>
	<b>CONCRETE SIDEWALK - REMOVE &amp; REPLACE</b>
	<b>MODIFIED CURB DRAINAGE STRUCTURE</b>
	<b>DRAINAGE &amp; UTILITY STRUCTURES TO BE ADJUSTED</b>
	<b>CURB AND GUTTER REPLACEMENT</b>



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**CINDY LANE**  
**STA. 10+00 TO STA. 15+00**  
**VILLAGE OF WHEELING 2020**  
**STREET IMPROVEMENT PROGRAM**  
 WHEELING, ILLINOIS

Project Manager: M L A  
 Engineer: J D L  
 Date: 03-06-2020  
 Project No. 19-197  
 Sheet **C19.0** / C24



**QUANTITY ASSUMPTIONS (CINDY LANE):**

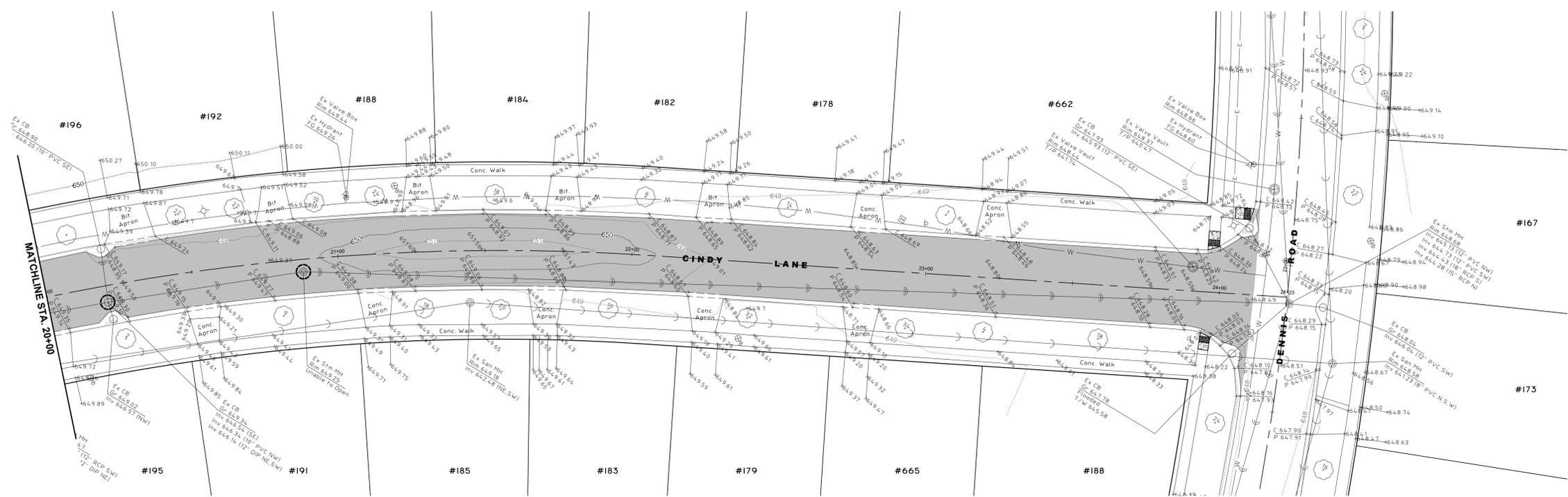
- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = 108 SY (Estimated quantity)
- Asphalt Driveway Aprons = 32 SY (Estimated quantity)
- Concrete Sidewalks = 275 SF (Estimated quantity)
- M 3.12 Curb and Gutter = 1077 LF (Assumed 35% Replacement)

- NOTES:**
- DRIVEWAY APRON REPLACEMENT:**
- All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling. Any additional apron removals and/or replacements shall be done at the expense of the Contractor.
  - Any bituminous aprons to be removed shall be saw-cut 3' behind the back-of-curb and replaced per Village Standards.
  - Any concrete aprons to be removed shall be saw-cut at the nearest joint. If no joint is available within the parkway, then the apron shall be saw-cut 3' behind the back-of-curb.
- STRIPING REPLACEMENT:**
- All existing striping, including stop bars and crosswalks, shall be replaced upon completion of paving activities in accordance with IDOT standards.
- DRIVEWAY CLOSINGS:**
- It will be the Contractor's responsibility to notify residents and the Village 2 days in advance when access to the residents' driveways will be temporarily closed due to curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to the properties.

**LEGEND**

	<b>BITUMINOUS PAVEMENT - RESURFACE</b>
	<b>CONCRETE SIDEWALK - REMOVE &amp; REPLACE</b>
	<b>MODIFIED CURB DRAINAGE STRUCTURE</b>
	<b>DRAINAGE &amp; UTILITY STRUCTURES TO BE ADJUSTED</b>
	<b>CURB AND GUTTER REPLACEMENT</b>





**QUANTITY ASSUMPTIONS (CINDY LANE):**

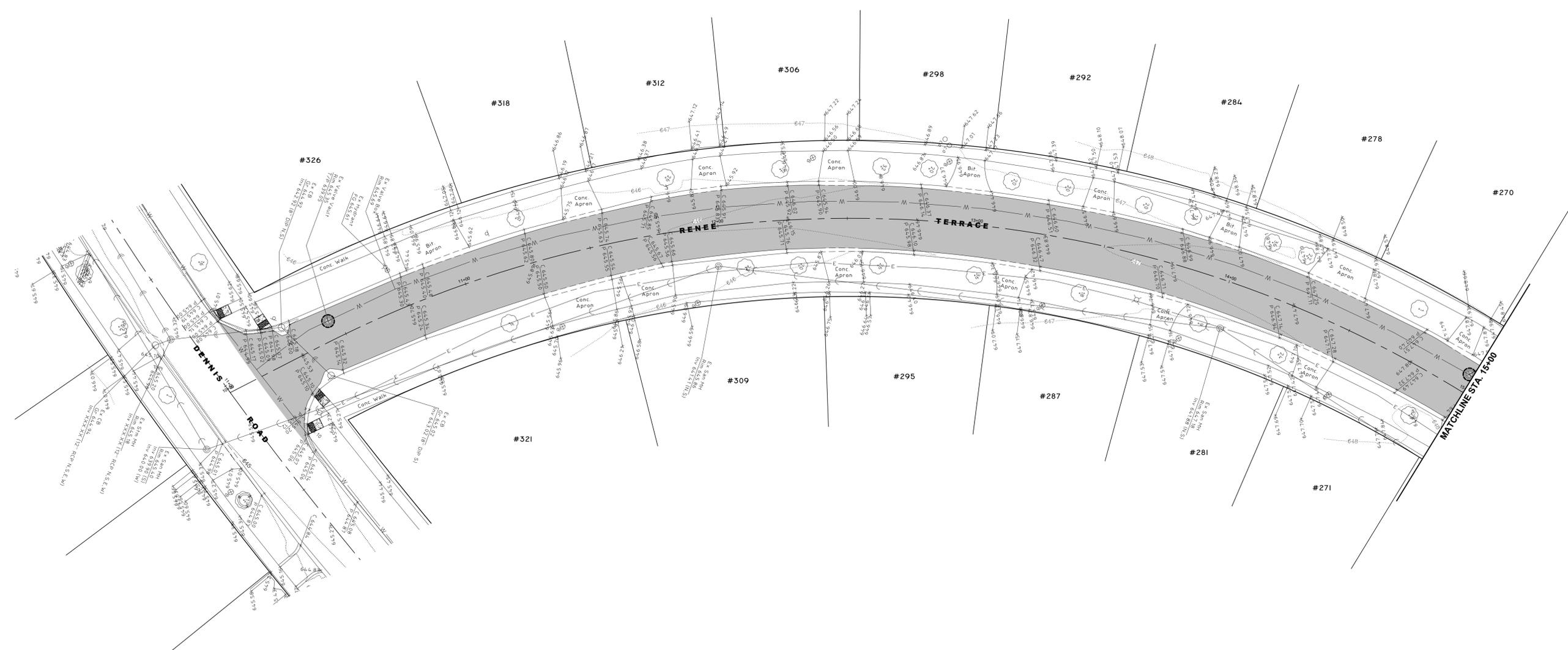
- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = 108 SY (Estimated quantity)
- Asphalt Driveway Aprons = 32 SY (Estimated quantity)
- Concrete Sidewalks = 275 SF (Estimated quantity)
- M 3.12 Curb and Gutter = 1077 LF (Assumed 35% Replacement)

- NOTES:**
- DRIVEWAY APRON REPLACEMENT:**
- All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling. Any additional apron removals and/or replacements shall be done at the expense of the Contractor.
  - Any bituminous aprons to be removed shall be saw-cut 3' behind the back-of-curb and replaced per Village Standards.
  - Any concrete aprons to be removed shall be saw-cut at the nearest joint. If no joint is available within the parkway, then the apron shall be saw-cut 3' behind the back-of-curb.
- STRIPING REPLACEMENT:**
- All existing striping, including stop bars and crosswalks, shall be replaced upon completion of paving activities in accordance with IDOT standards.
- DRIVEWAY CLOSINGS:**
- It will be the Contractor's responsibility to notify residents and the Village 2 days in advance when access to the residents' driveways will be temporarily closed due to curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to the properties.

**LEGEND**

- BITUMINOUS PAVEMENT - RESURFACE**
  - 2" Hot Mix Asphalt (HMA) Surface Course, Mix 'D', N50
- CONCRETE SIDEWALK - REMOVE & REPLACE**
  - New Detectable Warning Surfaces at all Crossing Locations
  - Refer to IDOT Standard Detail 424001
- MODIFIED CURB DRAINAGE STRUCTURE**
  - Frame and Grate to be Replaced and Adjusted as Necessary
- DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED**
  - Adjust Frame and Grate/Lid to Finished Grade Elevation
- CURB AND GUTTER REPLACEMENT**





**QUANTITY ASSUMPTIONS (RENEE TERRACE):**

- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = 85 SY (Estimated quantity)
- Asphalt Driveway Aprons = 26 SY (Estimated quantity)
- Concrete Sidewalks = 175 SE (Estimated quantity)
- M 3.12 Curb and Gutter = 748 LF (Assumed 35% Replacement)

**NOTES:**

**DRIVEWAY APRON REPLACEMENT:**

- All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling. Any additional apron removals and/or replacements shall be done at the expense of the Contractor.
- Any bituminous aprons to be removed shall be saw-cut 3' behind the back-of-curb and replaced per Village Standards.
- Any concrete aprons to be removed shall be saw-cut at the nearest joint. If no joint is available within the driveway, then the apron shall be saw-cut 3' behind the back-of-curb.

**STRIPING REPLACEMENT:**

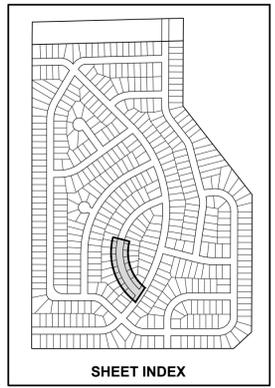
- All existing striping, including stop bars and crosswalks, shall be replaced upon completion of paving activities in accordance with IDOT standards.

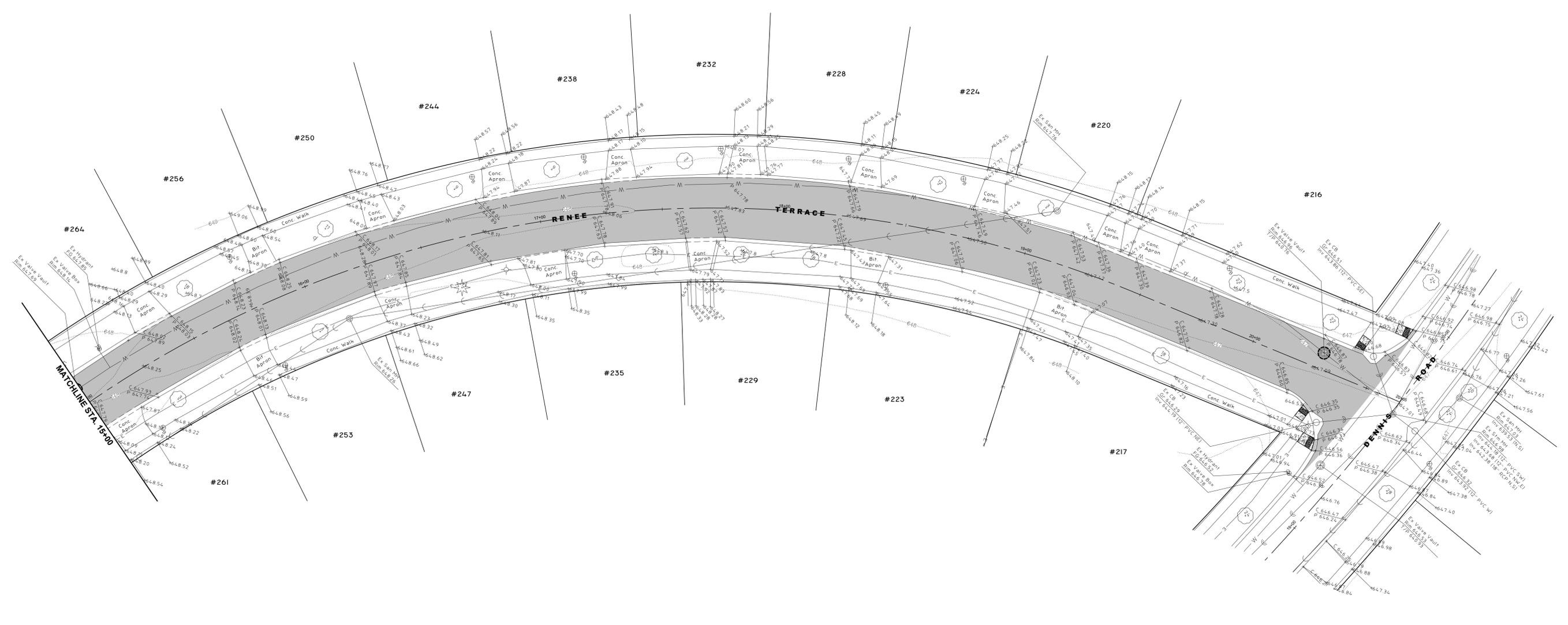
**DRIVEWAY CLOSINGS:**

- It will be the Contractor's responsibility to notify residents and the Village 2 days in advance when access to the residents' driveways will be temporarily closed due to curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to the properties.

**LEGEND**

- BITUMINOUS PAVEMENT - RESURFACE**
  - 2" Hot Mix Asphalt (HMA) Surface Course, Mix 'D', N50
- CONCRETE SIDEWALK - REMOVE & REPLACE**
  - New Detectable Warning Surfaces at all Crossing Locations
  - Refer to IDOT Standard Detail 424001
- MODIFIED CURB DRAINAGE STRUCTURE**
  - Frame and Grate to be Replaced and Adjusted as Necessary
- DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED**
  - Adjust Frame and Grate/Lid to Finished Grade Elevation
- CURB AND GUTTER REPLACEMENT**





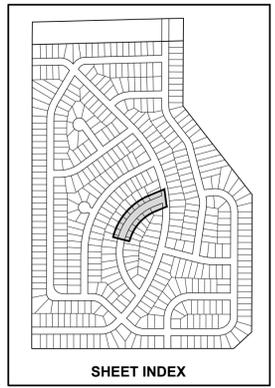
**QUANTITY ASSUMPTIONS (RENEE TERRACE):**

- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = 85 SY (Estimated quantity)
- Asphalt Driveway Aprons = 26 SY (Estimated quantity)
- Concrete Sidewalks = 175 SE (Estimated quantity)
- M 3.12 Curb and Gutter = 748 LF (Assumed 35% Replacement)

- NOTES:**
- DRIVEWAY APRON REPLACEMENT:**
- All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling. Any additional apron removals and/or replacements shall be done at the expense of the Contractor.
  - Any bituminous aprons to be removed shall be saw-cut 3' behind the back-of-curb and replaced per Village Standards.
  - Any concrete aprons to be removed shall be saw-cut at the nearest joint. If no joint is available within the parkway, then the apron shall be saw-cut 3' behind the back-of-curb.
- STRIPING REPLACEMENT:**
- All existing striping, including stop bars and crosswalks, shall be replaced upon completion of paving activities in accordance with IDOT standards.
- DRIVEWAY CLOSINGS:**
- It will be the Contractor's responsibility to notify residents and the Village 2 days in advance when access to the residents' driveways will be temporarily closed due to curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to the properties.

**LEGEND**

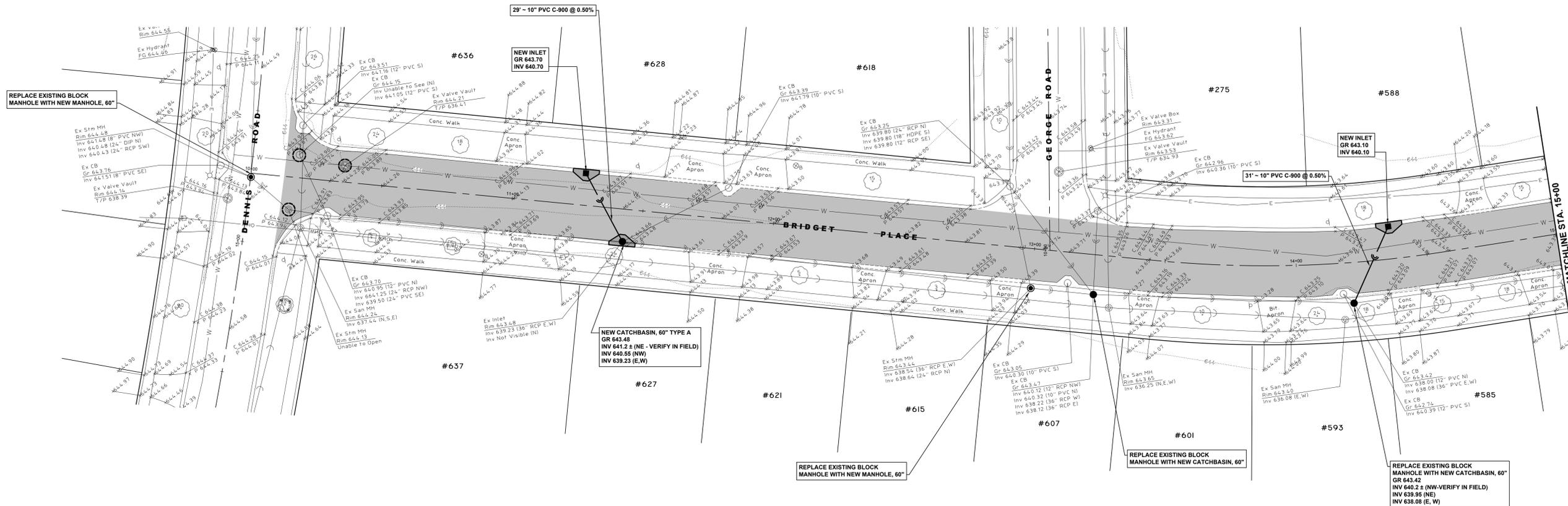
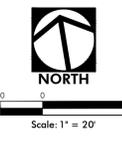
- BITUMINOUS PAVEMENT - RESURFACE
  - 2" Hot Mix Asphalt (HMA) Surface Course, Mix 'D', N50
- CONCRETE SIDEWALK - REMOVE & REPLACE
  - New Detectable Warning Surfaces at all Crossing Locations
  - Refer to IDOT Standard Detail 424001
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**RENEE TERRACE**  
**STA. 15+00 TO STA. 20+65**  
**VILLAGE OF WHEELING 2020**  
**STREET IMPROVEMENT PROGRAM**  
WHEELING, ILLINOIS

Project Manager: M L A  
Engineer: J D L  
Date: 03-06-2020  
Project No. 19-197  
Sheet: **C20.1**



REPLACE EXISTING BLOCK MANHOLE WITH NEW MANHOLE, 60"

29' - 10" PVC C-900 @ 0.50%

NEW INLET GR 643.70 INV 640.70

NEW INLET GR 643.10 INV 640.10

31' - 10" PVC C-900 @ 0.50%

NEW CATCHBASIN, 60" TYPE A GR 643.48 INV 641.2 ± (NE - VERIFY IN FIELD) INV 640.55 (NW) INV 639.23 (EW)

REPLACE EXISTING BLOCK MANHOLE WITH NEW MANHOLE, 60"

REPLACE EXISTING BLOCK MANHOLE WITH NEW CATCHBASIN, 60"

REPLACE EXISTING BLOCK MANHOLE WITH NEW CATCHBASIN, 60" GR 643.42 INV 640.2 ± (NW-VERIFY IN FIELD) INV 639.95 (NE) INV 638.08 (E, W)

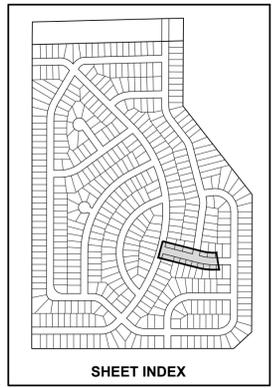
**QUANTITY ASSUMPTIONS (BRIDGET PLACE):**

- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = 44 SY (Estimated quantity)
- Asphalt Driveway Aprons = 3 SY (Estimated quantity)
- Concrete Sidewalks = 0 SF (Estimated quantity)
- M 3.12 Curb and Gutter = 423 LF (Assumed 35% Replacement)

- NOTES:**
- DRIVEWAY APRON REPLACEMENT:**
- All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling. Any additional apron removals and/or replacements shall be done at the expense of the Contractor.
  - Any bituminous aprons to be removed shall be saw-cut 3' behind the back-of-curb and replaced per Village Standards.
  - Any concrete aprons to be removed shall be saw-cut at the nearest joint. If no joint is available within the parkway, then the apron shall be saw-cut 3' behind the back-of-curb.
- STRIPING REPLACEMENT:**
- All existing striping, including stop bars and crosswalks, shall be replaced upon completion of paving activities in accordance with IDOT standards.
- DRIVEWAY CLOSINGS:**
- It will be the Contractor's responsibility to notify residents and the Village 2 days in advance when access to the residents' driveways will be temporarily closed due to curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to the properties.

**LEGEND**

- BITUMINOUS PAVEMENT - RESURFACE**
  - 2" Hot Mix Asphalt (HMA) Surface Course, Mix 'D', N50
- CONCRETE SIDEWALK - REMOVE & REPLACE**
  - New Detectable Warning Surfaces at all Crossing Locations
  - Refer to IDOT Standard Detail 424001
- MODIFIED CURB DRAINAGE STRUCTURE**
  - Frame and Grate to be Replaced and Adjusted as Necessary
- DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED**
  - Adjust Frame and Grate/Lid to Finished Grade Elevation
- CURB AND GUTTER REPLACEMENT**

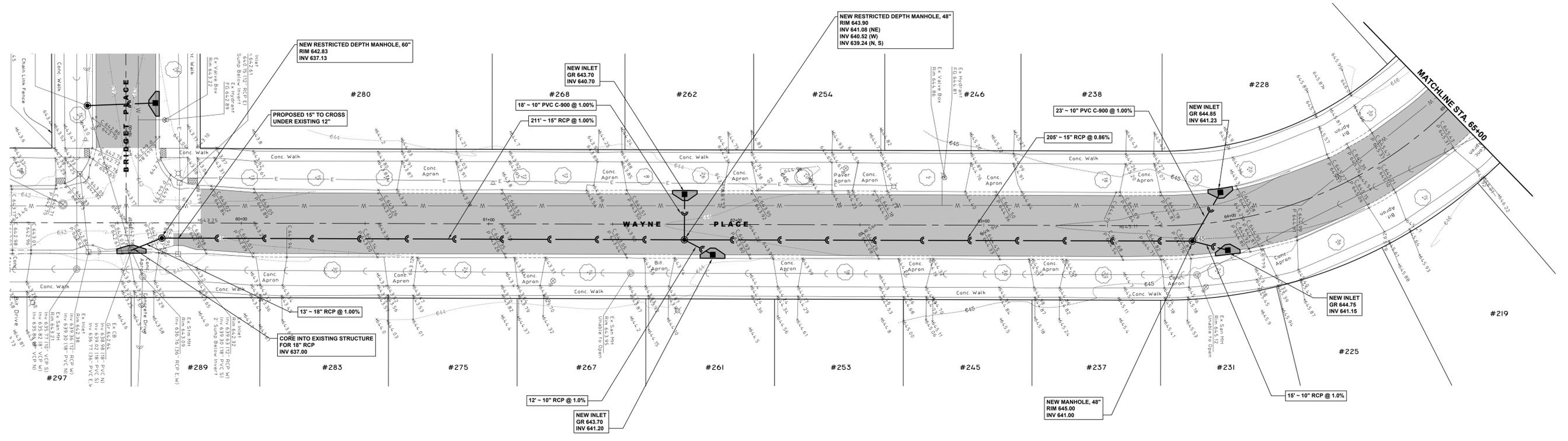
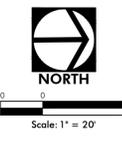


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 Illinois Professional Design Firm License No. 184-003132  
 www.haegerengineering.com

**BRIDGET PLACE**  
**STA. 10+00 TO STA. 15+00**  
**VILLAGE OF WHEELING 2020**  
**STREET IMPROVEMENT PROGRAM**  
 WHEELING, ILLINOIS

Project Manager: M L A  
 Engineer: J D L  
 Date: 03-06-2020  
 Project No. 19-197  
 Sheet **C21.0** / C24





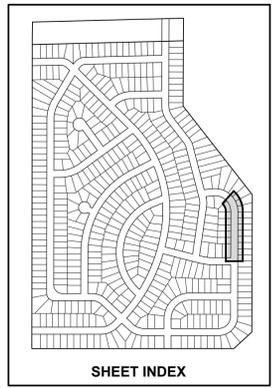
**QUANTITY ASSUMPTIONS (WAYNE PLACE):**

- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = 81 SY (Estimated quantity)
- Asphalt Driveway Aprons = 15 SY (Estimated quantity)
- Concrete Sidewalks = 0 SF (Estimated quantity)
- M 3.12 Curb and Gutter = 530 LF (Assumed 35% Replacement)

- NOTES:**
- DRIVEWAY APRON REPLACEMENT:**
- All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling. Any additional apron removals and/or replacements shall be done at the expense of the Contractor.
  - Any bituminous aprons to be removed shall be saw-cut 3' behind the back-of-curb and replaced per Village Standards.
  - Any concrete aprons to be removed shall be saw-cut at the nearest joint. If no joint is available within the parkway, then the apron shall be saw-cut 3' behind the back-of-curb.
- STRIPING REPLACEMENT:**
- All existing striping, including stop bars and crosswalks, shall be replaced upon completion of paving activities in accordance with IDOT standards.
- DRIVEWAY CLOSINGS:**
- It will be the Contractor's responsibility to notify residents and the Village 2 days in advance when access to the residents' driveways will be temporarily closed due to curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to the properties.

**LEGEND**

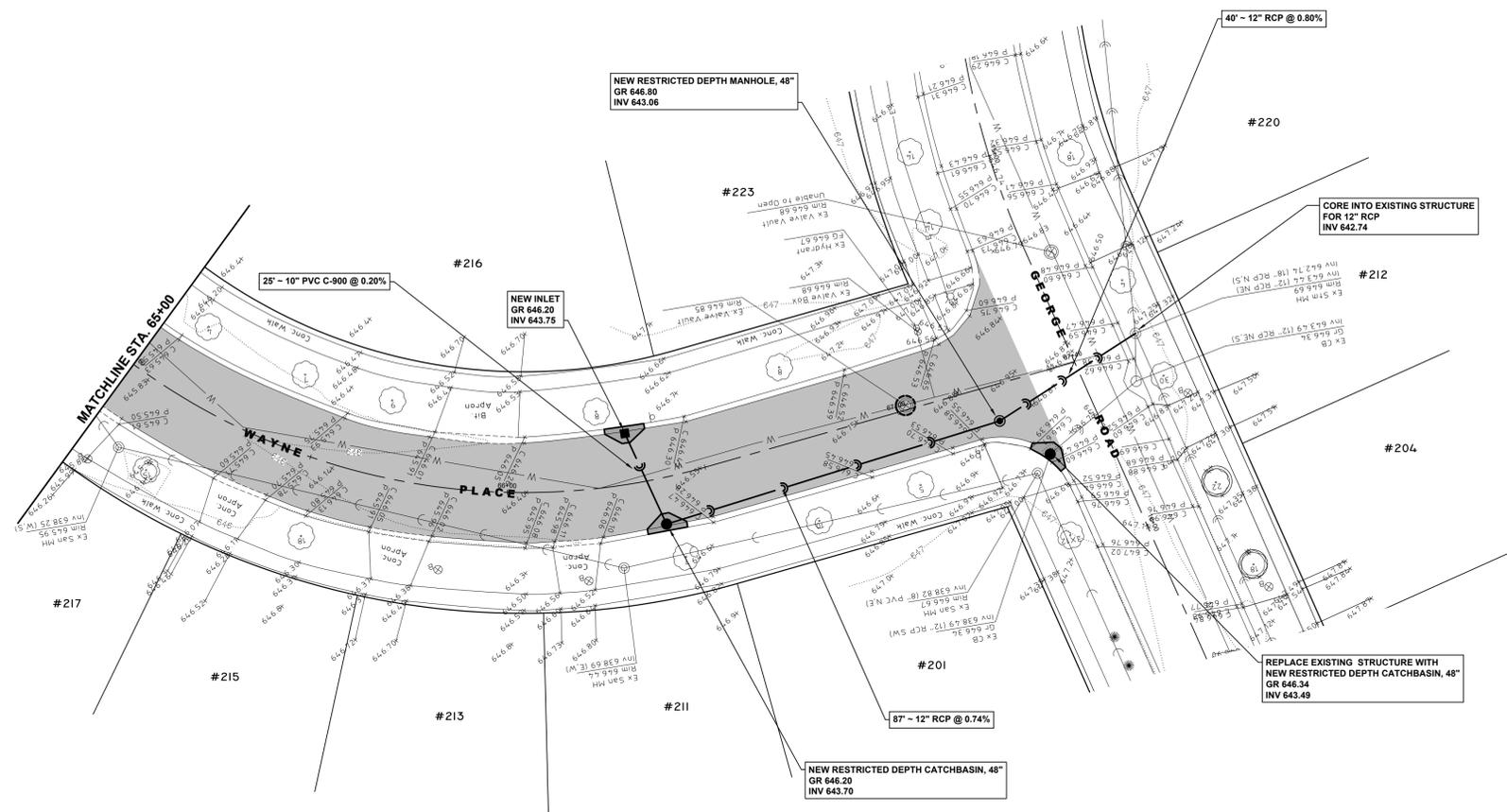
- BITUMINOUS PAVEMENT - RESURFACE**
  - 2" Hot Mix Asphalt (HMA) Surface Course, Mix 'D', NS0
- CONCRETE SIDEWALK - REMOVE & REPLACE**
  - New Detectable Warning Surfaces at all Crossing Locations
  - Refer to IDOT Standard Detail 424001
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**WAYNE PLACE**  
**STA. 59 + 84 TO STA. 65 + 00**  
**VILLAGE OF WHEELING 2020**  
**STREET IMPROVEMENT PROGRAM**  
 WHEELING, ILLINOIS

Project Manager: M L A  
 Engineer: J D L  
 Date: 03-06-2020  
 Project No. 19-197  
 Sheet **C22.0** of C24



**QUANTITY ASSUMPTIONS (WAYNE PLACE):**

- The limits of all driveway apron, sidewalk, and curb and gutter removal and replacement shall be directed in the field by the Village of Wheeling.
- The following quantities have been assumed based on the preliminary field inspections. The final quantities will differ, and the contractor shall be paid per the actual quantities that are removed/replaced.
- Concrete Driveway Aprons = 81 SY (Estimated quantity)
- Asphalt Driveway Aprons = 15 SY (Estimated quantity)
- Concrete Sidewalks = 0 SF (Estimated quantity)
- M 3.12 Curb and Gutter = 530 LF (Assumed 35% Replacement)

**NOTES:**

**DRIVEWAY APRON REPLACEMENT:**

- All existing driveway aprons shall remain in place, unless shown otherwise on these plans or directed in the field by the Village of Wheeling. Any additional apron removals and/or replacements shall be done at the expense of the Contractor.
- Any bituminous aprons to be removed shall be saw-cut 3' behind the back-of-curb and replaced per Village Standards.
- Any concrete aprons to be removed shall be saw-cut at the nearest joint. If no joint is available within the parkway, then the apron shall be saw-cut 3' behind the back-of-curb.

**STRIPING REPLACEMENT:**

- All existing striping, including stop bars and crosswalks, shall be replaced upon completion of paving activities in accordance with IDOT standards.

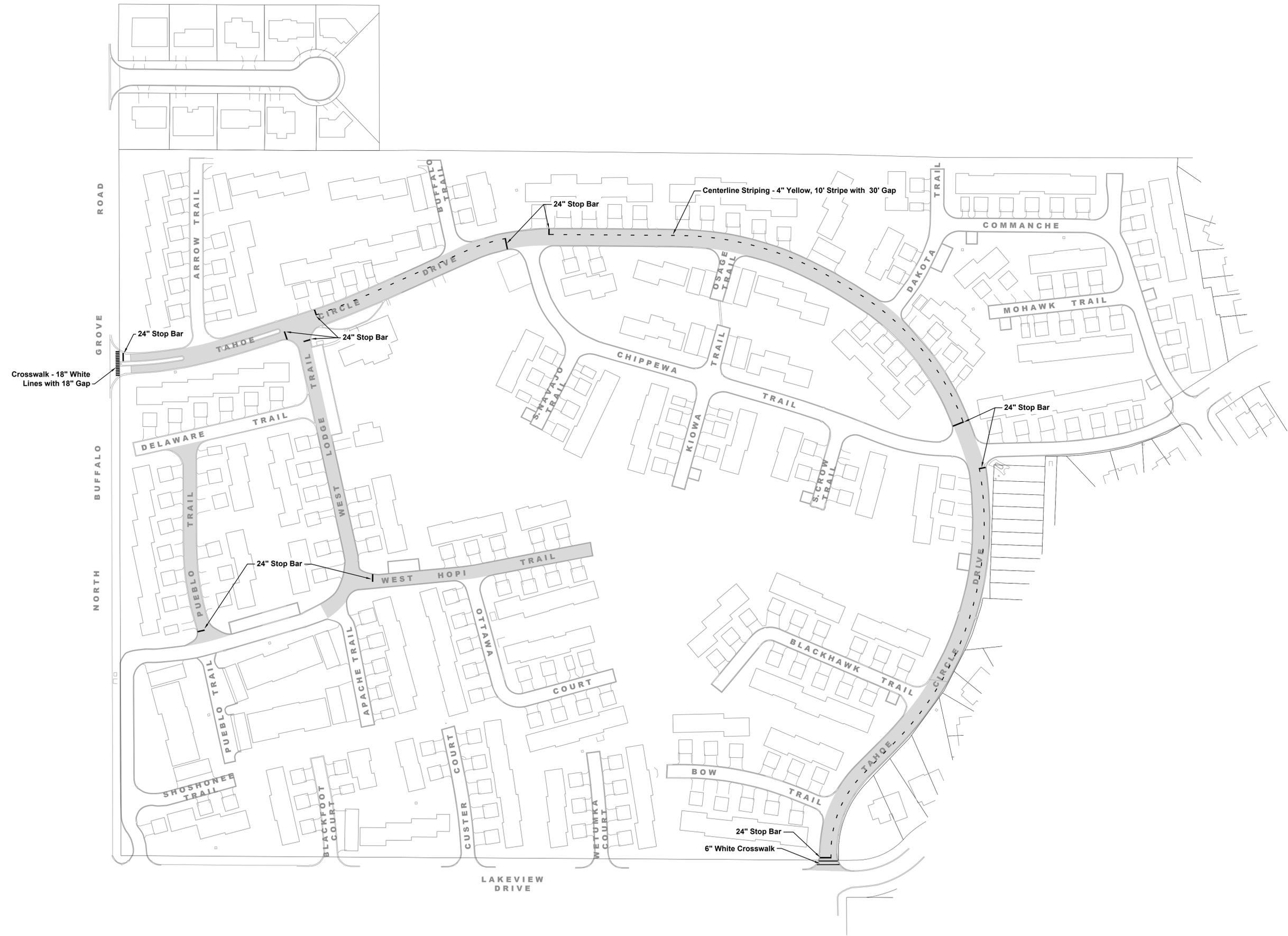
**DRIVEWAY CLOSINGS:**

- It will be the Contractor's responsibility to notify residents and the Village 2 days in advance when access to the residents' driveways will be temporarily closed due to curb and gutter and/or driveway replacement. The Contractor shall distribute notices APPROVED by the Village, to the residents/property owners. Every effort shall be made to accommodate access to the properties.

**LEGEND**

	<b>BITUMINOUS PAVEMENT - RESURFACE</b>
	• 2" Hot Mix Asphalt (HMA) Surface Course, Mix 'D', NS0
	<b>CONCRETE SIDEWALK - REMOVE &amp; REPLACE</b>
	• New Detectable Warning Surfaces at all Crossing Locations
	• Refer to IDOT Standard Detail 424001
	<b>MODIFIED CURB DRAINAGE STRUCTURE</b>
	• Frame and Grate to be Replaced and Adjusted as Necessary
	<b>DRAINAGE &amp; UTILITY STRUCTURES TO BE ADJUSTED</b>
	• Adjust Frame and Grate/Lid to Finished Grade Elevation
	<b>CURB AND GUTTER REPLACEMENT</b>



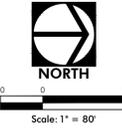


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 consulting engineers • land surveyors  
 100 East State Parkway, Schaumburg, IL 60173 • Tel: 847.394.6600 Fax: 847.394.6698  
 Illinois Professional Design Firm License No. 184-003152  
 www.haegerengineering.com

**PAVEMENT MARKING PLAN**  
**TAHOE VILLAGE**  
**VILLAGE OF WHEELING 2020**  
**STREET IMPROVEMENT PROGRAM**  
 WHEELING, ILLINOIS

Project Manager: M L A  
 Engineer: J D L  
 Date: 03-06-2020  
 Project No. 19-197  
 Sheet **C23.0**

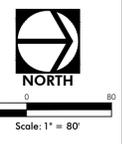
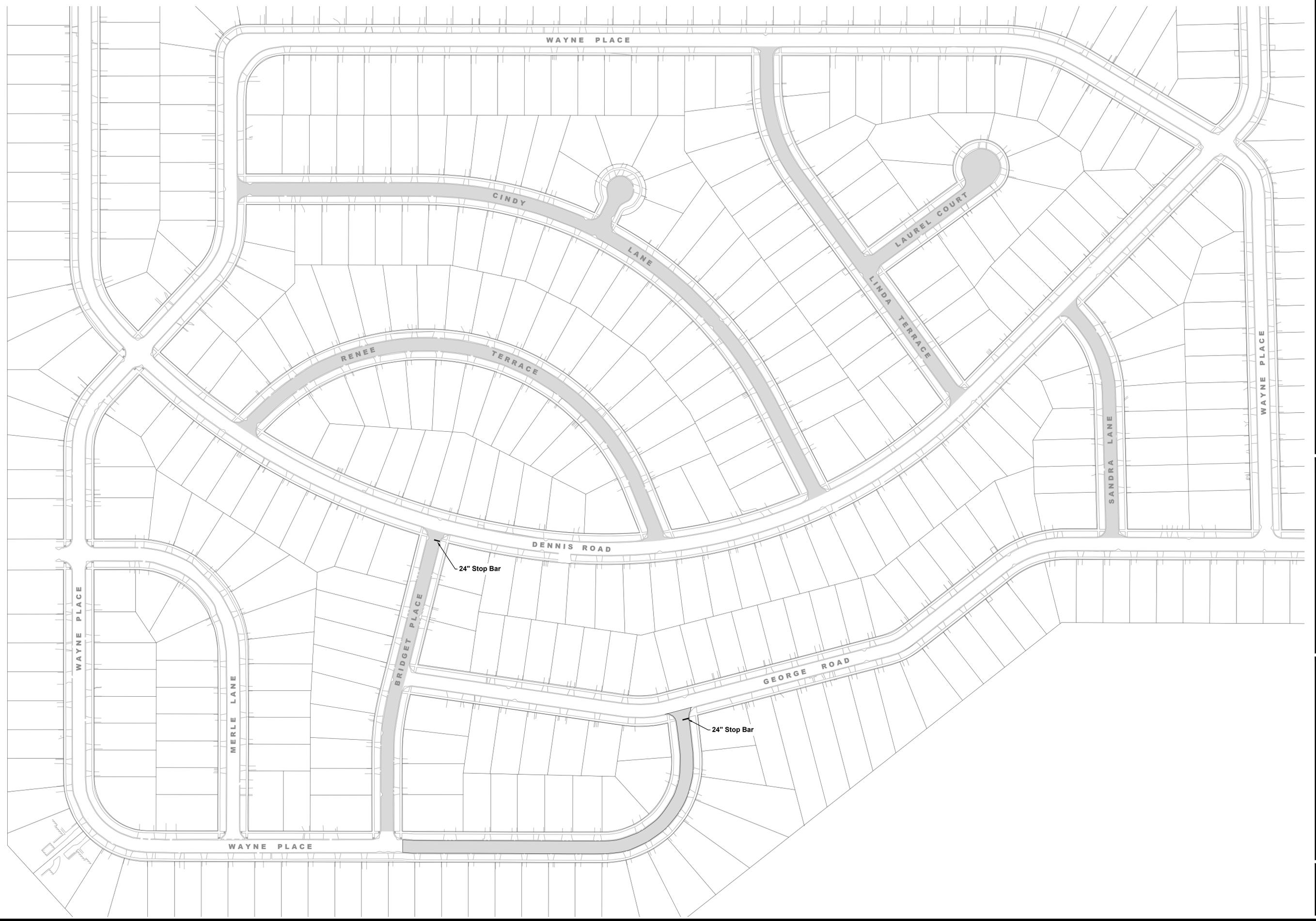
NOTE: NO PAVEMENT MARKING WITHIN THIS PROJECT AREA



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**PAVEMENT MARKING PLAN**  
**LEXINGTON COMMONS**  
**VILLAGE OF WHEELING 2020**  
**STREET IMPROVEMENT PROGRAM**  
WHEELING, ILLINOIS

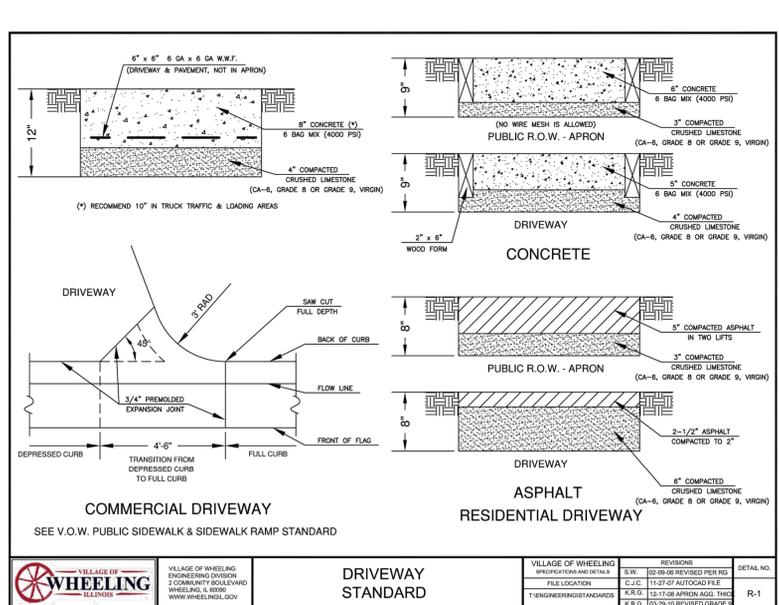
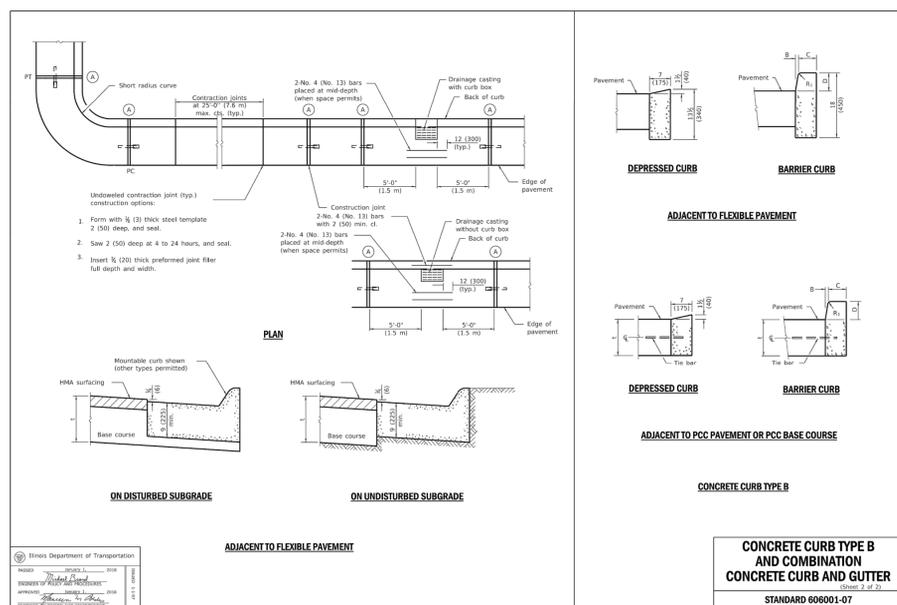
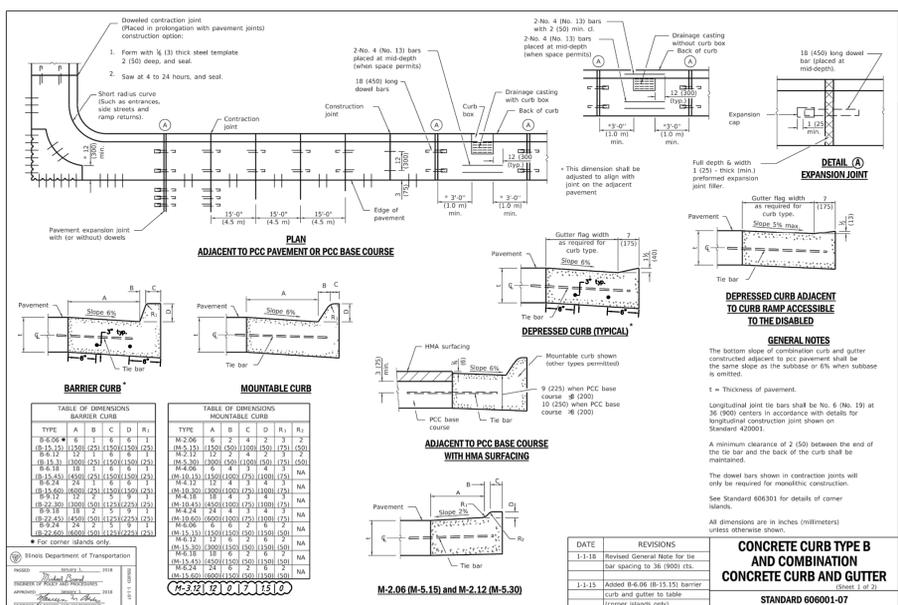
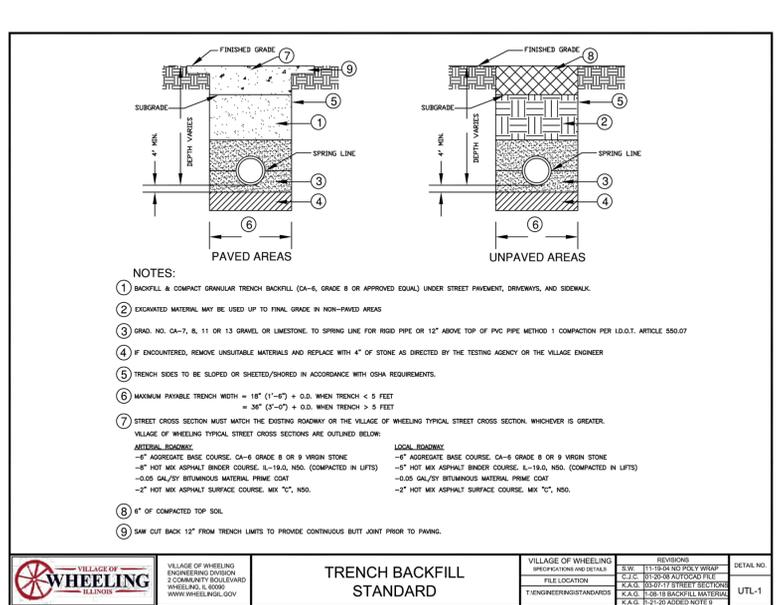
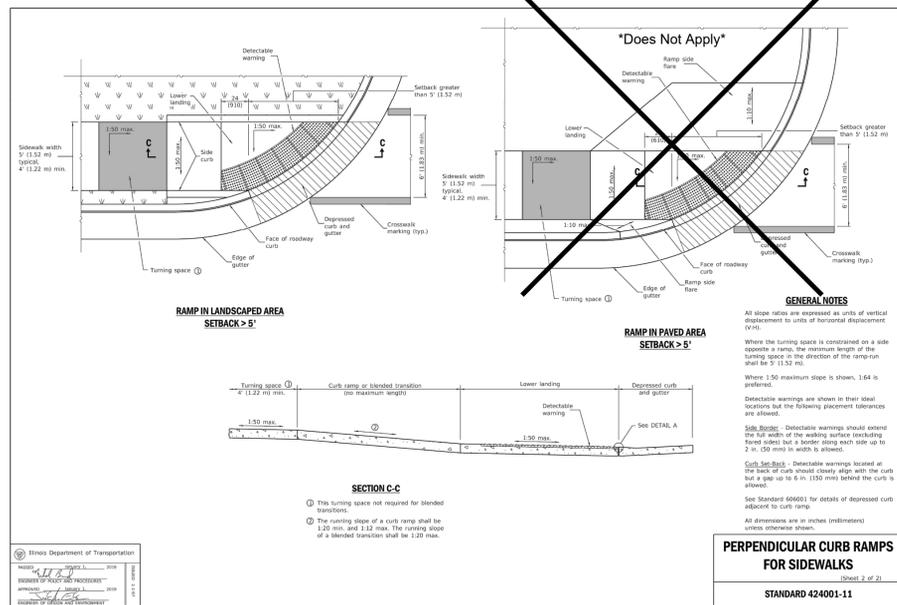
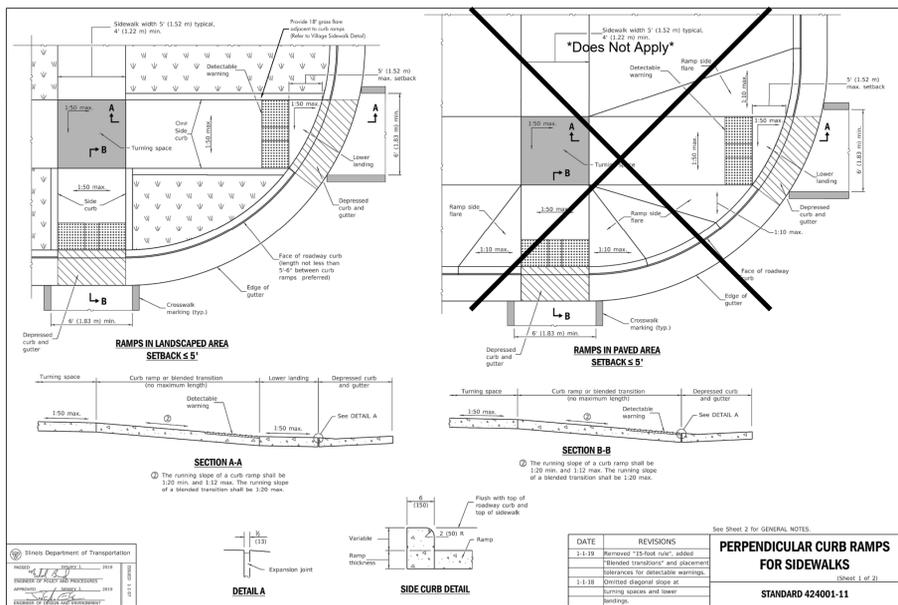
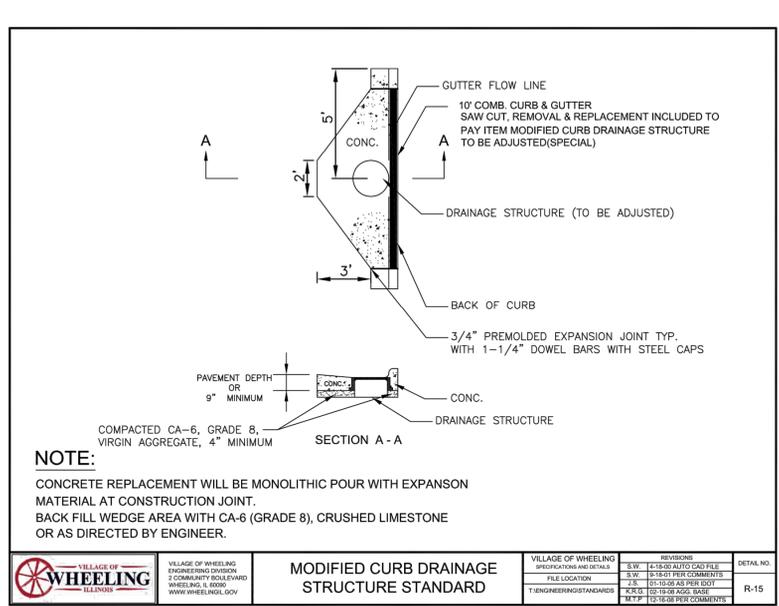
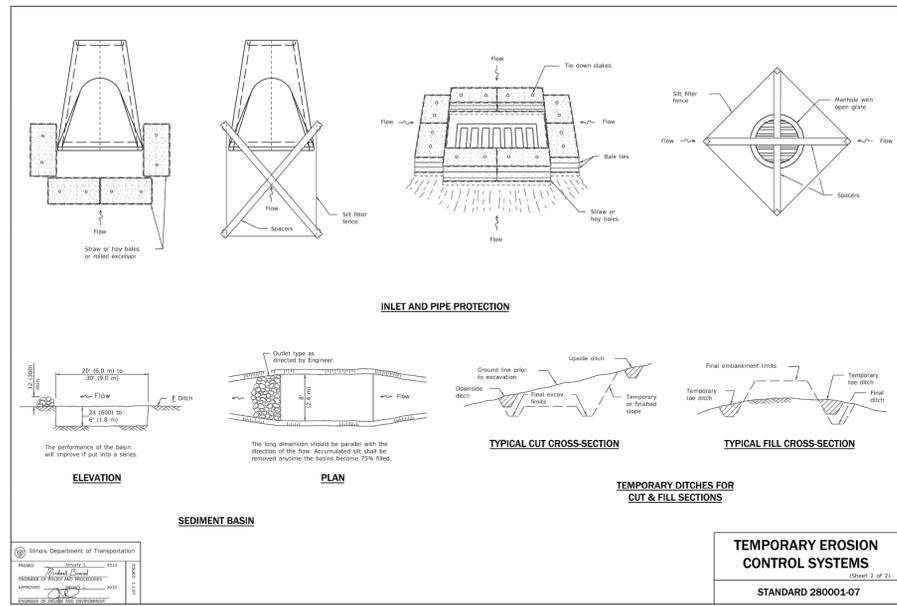
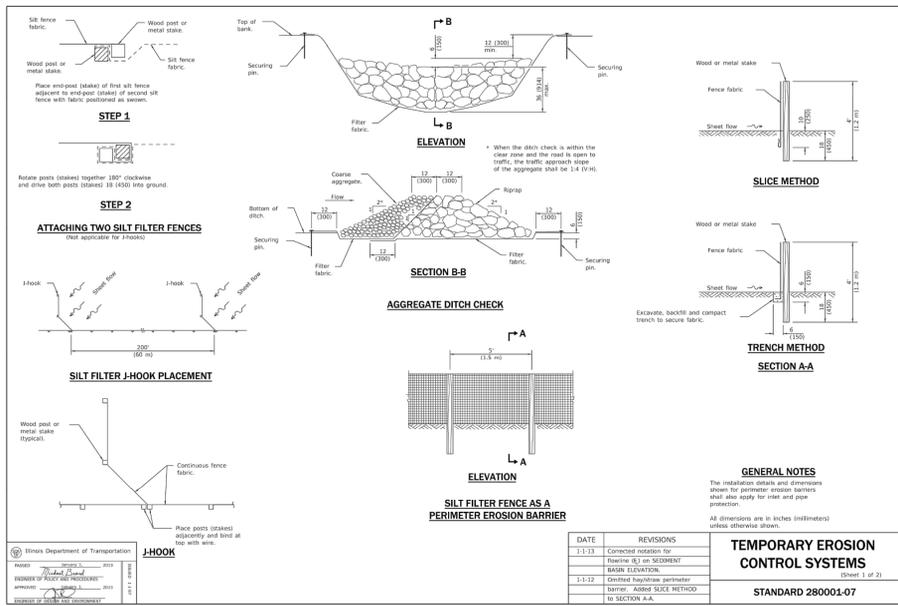
Project Manager: M L A  
Engineer: J D L  
Date: 03-06-2020  
Project No. 19-197  
Sheet **C23.1** / C24



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 www.haegerengineering.com

**PAVEMENT MARKING PLAN  
 DUNHURST**  
**VILLAGE OF WHEELING 2020  
 STREET IMPROVEMENT PROGRAM**  
 WHEELING, ILLINOIS

Project Manager: M L A  
 Engineer: J D L  
 Date: 03-06-2020  
 Project No. 19-197  
 Sheet **C23.2** / C24



\*All curb and gutter shall include 3" diameter steel rebar continuous, placed 3" above bottom of curb and 6" inside front and back edges.

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**STANDARD DETAILS**  
**VILLAGE OF WHEELING 2020 STREET IMPROVEMENT PROGRAM**  
WHEELING, ILLINOIS

Project Manager: M L A  
Engineer: J D L  
Date: 03-06-2020  
Project No: 19-197  
Sheet: C24.0

**ALTERNATE BOTTOM SLAB**

ALTERNATE MATERIALS FOR WALLS	D	C*	W
Concrete Masonry Unit	4'-0" (1.2 m)	30 (750)	5 (125)
Brick Masonry	5'-0" (1.5 m)	30 (750)	8 (200)
Precast Reinforced Concrete Section	4'-0" (1.2 m)	30 (750)	4 (100)
Cast-in-place Concrete	5'-0" (1.5 m)	30 (750)	5 (125)

**GENERAL NOTES**

Bottom slabs shall be reinforced with a minimum of 8.20 sq. in. (530 sq. mm) in both directions with a maximum spacing of 24 (600).  
Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.  
See Standard 602001 for details of riser.  
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS	DETAIL NO.
11-11-11	Added "Standard" to part title, detail rev. in sheet.	ST-3
11-09	Revised general notes.	
11-09	Switched units to English (metric).	

**CATCH BASIN TYPE A**  
STANDARD 602001-02

**ALTERNATE MATERIALS FOR WALLS**

Precast Reinforced Concrete Section	3 (75)
Concrete Masonry Unit	3 (75)
Cast-in-place Concrete	6 (150)
Brick Masonry	6 (150)

**GENERAL NOTES**

Bottom slabs shall be reinforced with a minimum of 0.27 sq. in. (170 sq. mm) in both directions with a maximum spacing of 9 (225).  
Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.  
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS	DETAIL NO.
11-11-11	Created spec. in AutoCAD.	
	Added max. limit to height.	
	Added general notes.	
11-09	Switched units to English (metric).	

**CATCH BASIN TYPE C**  
STANDARD 602011-02

**ALTERNATE MATERIALS FOR WALLS**

Precast Reinforced Concrete Section	3 (75)
Concrete Masonry Unit	3 (75)
Cast-in-place Concrete	6 (150)
Brick Masonry	6 (150)

**GENERAL NOTES**

Bottom slabs shall be reinforced with a minimum of 0.27 sq. in. (170 sq. mm) in both directions with a maximum spacing of 9 (225).  
Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.  
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS	DETAIL NO.
11-11-11	Created spec. in AutoCAD.	
	Added max. limit to height.	
	Added general notes.	
11-09	Switched units to English (metric).	

**CATCH BASIN TYPE B**  
STANDARD 602011-02

**EAST JORDAN IRON WORKS, INC.**  
P.O. BOX 439  
EAST JORDAN, MI 49727  
1-800-874-4100  
FAX 231-336-4458

**CATCH BASIN GRATE**  
PRODUCT NO. 00102030  
DIPPED  
CATALOG NO. 1020M1  
REF. PRODUCT DRAWING 102031  
EST. WT. GRATE: 124 LBS. (56 kg)  
OPEN AREA 185 SQ. INCHES  
MATERIAL SPEC. GRATE - GRAY IRON ASTM A43 CL 35B  
LOAD RATING EXTRA HEAVY DUTY

**FURNISH HEAVY DUTY CASTING AS REQUIRED BY THE VILLAGE ENGINEER**

**WHEELING ILLINOIS**  
VILLAGE OF WHEELING PROFESSIONAL DESIGN DIVISION  
2 COMMUNITY BOULEVARD  
WHEELING, IL 60090  
WWW.WHEELING.IL.GOV

**FRAME AND OPEN LID STORM MANHOLE STANDARD**

**VILLAGE OF WHEELING PROFESSIONAL DESIGN DIVISION**  
FILE LOCATION  
T-ENGINEERING STANDARDS

**REVISIONS**

NO.	DESCRIPTION	DATE
1	ISSUE FOR CONSTRUCTION	11/11/02
2	REVISED PER COMMENTS	11/13/02
3	REVISED PER COMMENTS	11/20/02
4	REVISED PER COMMENTS	11/20/02

**DETAIL NO. ST-6**

**RESTRICTED DEPTH CATCH BASIN STANDARD**

ALTERNATE MATERIALS FOR WALLS	D	C*	W
Concrete Masonry Unit	4'-0" (1.2 m)	30 (750)	5 (125)
Brick Masonry	5'-0" (1.5 m)	30 (750)	8 (200)
Precast Reinforced Concrete Section	4'-0" (1.2 m)	30 (750)	4 (100)
Cast-in-place Concrete	5'-0" (1.5 m)	30 (750)	5 (125)

**GENERAL NOTES**

Bottom slabs shall be reinforced with a minimum of 8.20 sq. in. (530 sq. mm) in both directions with a maximum spacing of 24 (600).  
Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.  
See Standard 602001 for details of riser.  
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS	DETAIL NO.
11-11-11	Added "Standard" to part title, detail rev. in sheet.	ST-3
11-09	Revised general notes.	
11-09	Switched units to English (metric).	

**CATCH BASIN TYPE A**  
STANDARD 602001-02

**INLET STANDARD**

ALTERNATE MATERIALS FOR WALLS	D	C*	W
Concrete Masonry Unit	4'-0" (1.2 m)	30 (750)	5 (125)
Brick Masonry	5'-0" (1.5 m)	30 (750)	8 (200)
Precast Reinforced Concrete Section	4'-0" (1.2 m)	30 (750)	4 (100)
Cast-in-place Concrete	5'-0" (1.5 m)	30 (750)	5 (125)

**GENERAL NOTES**

Bottom slabs shall be reinforced with a minimum of 8.20 sq. in. (530 sq. mm) in both directions with a maximum spacing of 24 (600).  
Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.  
See Standard 602001 for details of riser.  
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS	DETAIL NO.
11-11-11	Created spec. in AutoCAD.	ST-1
11-09	Revised general notes.	
11-09	Switched units to English (metric).	

**CATCH BASIN TYPE A**  
STANDARD 602011-02

**FRAME AND CLOSE LID STORM MANHOLE STANDARD**

ALTERNATE MATERIALS FOR WALLS	D	C*	W
Concrete Masonry Unit	4'-0" (1.2 m)	30 (750)	5 (125)
Brick Masonry	5'-0" (1.5 m)	30 (750)	8 (200)
Precast Reinforced Concrete Section	4'-0" (1.2 m)	30 (750)	4 (100)
Cast-in-place Concrete	5'-0" (1.5 m)	30 (750)	5 (125)

**GENERAL NOTES**

Bottom slabs shall be reinforced with a minimum of 8.20 sq. in. (530 sq. mm) in both directions with a maximum spacing of 24 (600).  
Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.  
See Standard 602001 for details of riser.  
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS	DETAIL NO.
11-11-11	Created spec. in AutoCAD.	ST-7
11-09	Revised general notes.	
11-09	Switched units to English (metric).	

**CATCH BASIN TYPE A**  
STANDARD 602011-02

**EAST JORDAN IRON WORKS, INC.**  
P.O. BOX 439  
EAST JORDAN, MI 49727  
1-800-874-4100  
FAX 231-336-4458

**SPECIAL LETTERED COVER**  
PRODUCT NO. 00102421  
CATALOG NO. 1020A  
REF. PRODUCT DRAWING 102067  
EST. WT. COVER W/ LID: 115 LBS. (52 kg)  
OPEN AREA N/A  
MATERIAL SPEC. COVER - GRAY IRON ASTM A48 CL 35  
LOAD RATING HEAVY DUTY

**WHEELING ILLINOIS**  
VILLAGE OF WHEELING PROFESSIONAL DESIGN DIVISION  
2 COMMUNITY BOULEVARD  
WHEELING, IL 60090  
WWW.WHEELING.IL.GOV

**FRAME AND CLOSE LID STORM MANHOLE STANDARD**

**VILLAGE OF WHEELING PROFESSIONAL DESIGN DIVISION**  
FILE LOCATION  
T-ENGINEERING STANDARDS

**REVISIONS**

NO.	DESCRIPTION	DATE
1	ISSUE FOR CONSTRUCTION	11/11/02
2	REVISED PER COMMENTS	11/13/02
3	REVISED PER COMMENTS	11/20/02
4	REVISED PER COMMENTS	11/20/02

**DETAIL NO. ST-7**

**TYPICAL PAVEMENT MARKINGS**

ALTERNATE MATERIALS FOR WALLS	D	C*	W
Concrete Masonry Unit	4'-0" (1.2 m)	30 (750)	5 (125)
Brick Masonry	5'-0" (1.5 m)	30 (750)	8 (200)
Precast Reinforced Concrete Section	4'-0" (1.2 m)	30 (750)	4 (100)
Cast-in-place Concrete	5'-0" (1.5 m)	30 (750)	5 (125)

**GENERAL NOTES**

Bottom slabs shall be reinforced with a minimum of 8.20 sq. in. (530 sq. mm) in both directions with a maximum spacing of 24 (600).  
Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.  
See Standard 602001 for details of riser.  
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS	DETAIL NO.
11-11-11	Added symbols, revised line styles, revised note for stop line at RS crossing.	ST-1
11-11-11	Added the symbol for LANE REDUCTION ARROW.	
11-11-11	Added the symbol for LANE REDUCTION ARROW.	

**CATCH BASIN TYPE A**  
STANDARD 602011-02

**LETTER AND ARROW GRID SCALE**

ALTERNATE MATERIALS FOR WALLS	D	C*	W
Concrete Masonry Unit	4'-0" (1.2 m)	30 (750)	5 (125)
Brick Masonry	5'-0" (1.5 m)	30 (750)	8 (200)
Precast Reinforced Concrete Section	4'-0" (1.2 m)	30 (750)	4 (100)
Cast-in-place Concrete	5'-0" (1.5 m)	30 (750)	5 (125)

**GENERAL NOTES**

Bottom slabs shall be reinforced with a minimum of 8.20 sq. in. (530 sq. mm) in both directions with a maximum spacing of 24 (600).  
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See Standard 602001 for details of riser.  
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS	DETAIL NO.
11-11-11	Created spec. in AutoCAD.	ST-1
11-09	Revised general notes.	
11-09	Switched units to English (metric).	

**CATCH BASIN TYPE A**  
STANDARD 602011-02

**TYPICAL PAVEMENT MARKINGS**

ALTERNATE MATERIALS FOR WALLS	D	C*	W
Concrete Masonry Unit	4'-0" (1.2 m)	30 (750)	5 (125)
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**GENERAL NOTES**

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All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS	DETAIL NO.
11-11-11	Added symbols, revised line styles, revised note for stop line at RS crossing.	ST-1
11-11-11	Added the symbol for LANE REDUCTION ARROW.	
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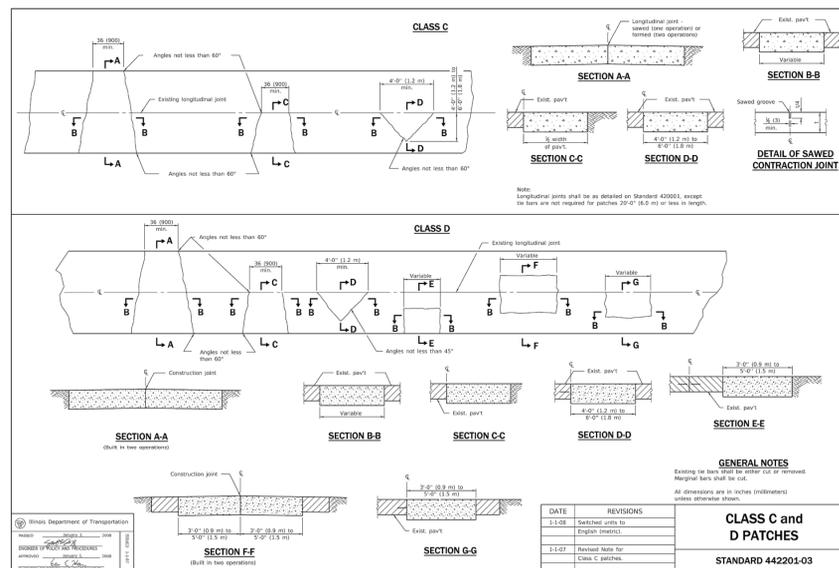
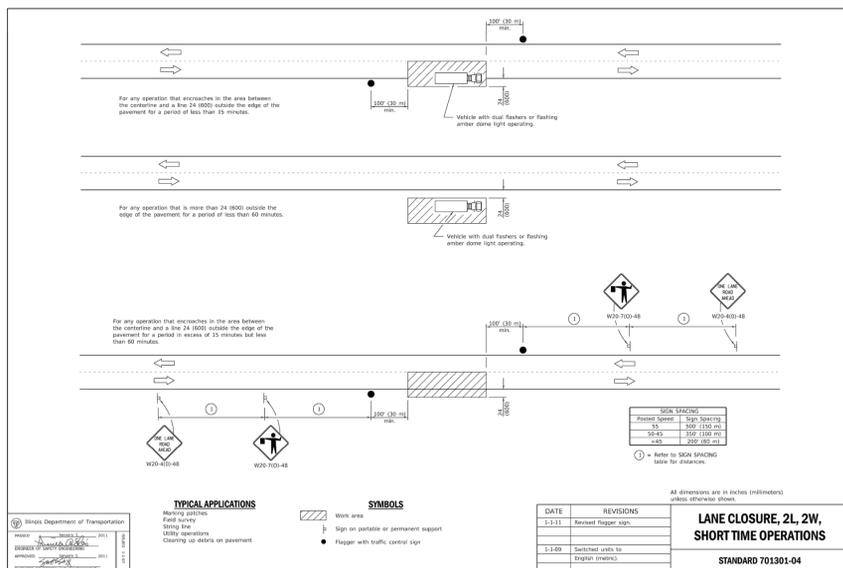
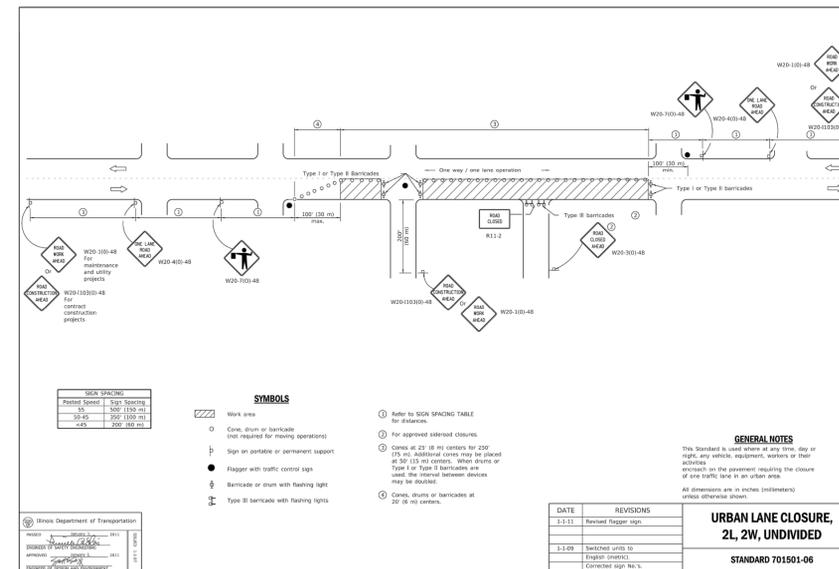
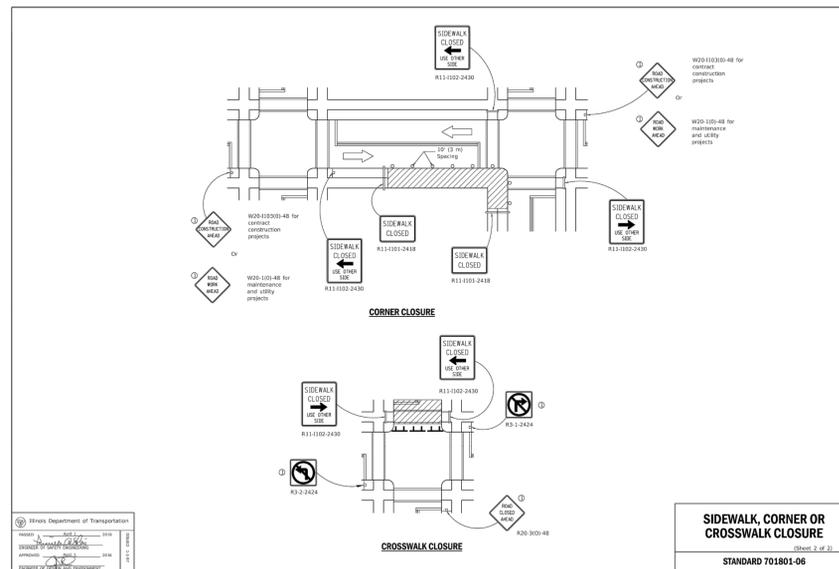
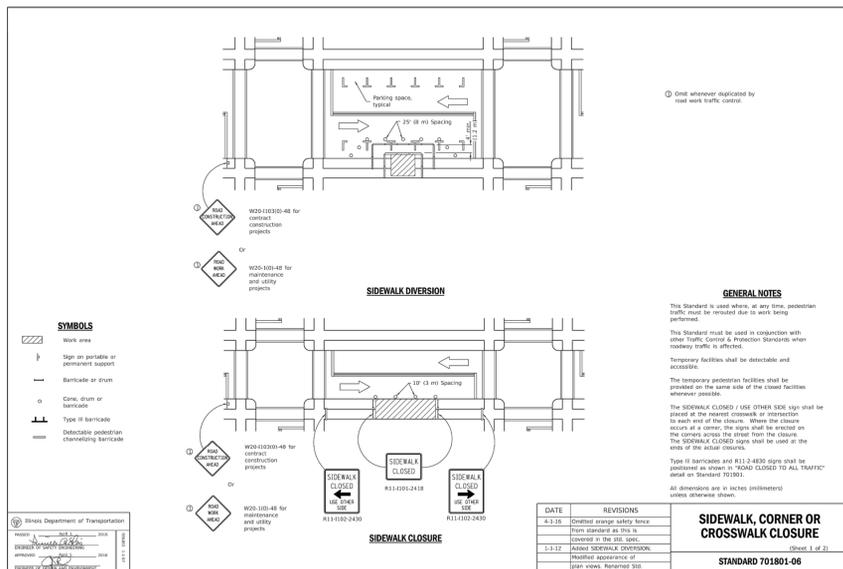
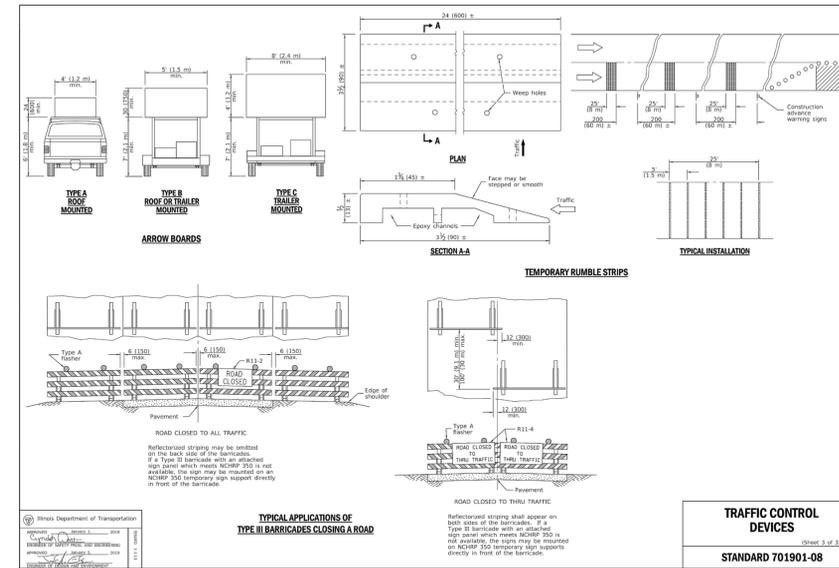
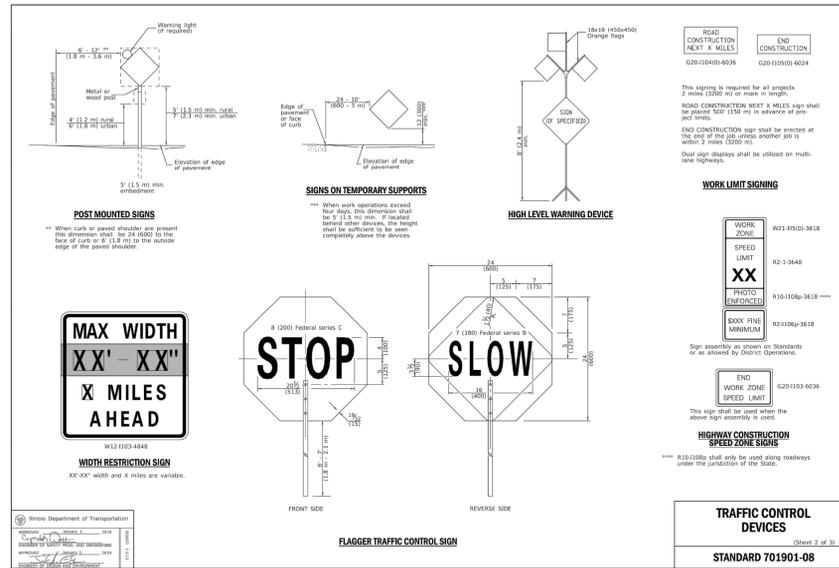
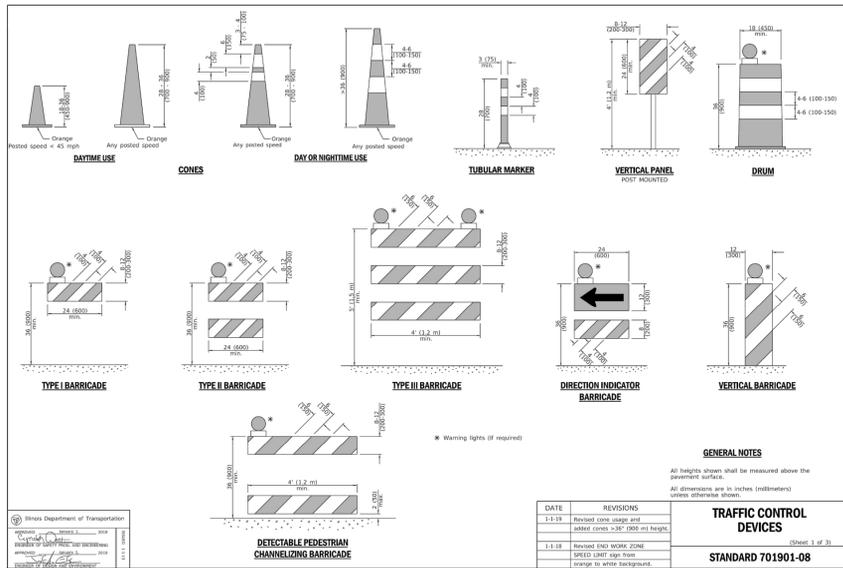
**CATCH BASIN TYPE A**  
STANDARD 602011-02

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consulting engineers • land surveyors  
100 E. State Parkway, Schaumburg, IL 60173 Tel: 847.394.6600 Fax: 847.394.6608  
www.haegerengineering.com

**VILLAGE OF WHEELING 2020 STREET IMPROVEMENT PROGRAM**

**STANDARD DETAILS**

Project Manager: M L A  
Engineer: J D L  
Date: 03-06-2020  
Project No. 19-197  
Sheet **C24.1** of C24



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**STANDARD DETAILS**  
**VILLAGE OF WHEELING 2020 STREET IMPROVEMENT PROGRAM**  
 WHEELING, ILLINOIS

Project Manager: M L A  
 Engineer: J D L  
 Date: 03-06-2020  
 Project No. 19-197  
 Sheet **C24.2** / C24