

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

FAP ROUTE 840 (IL ROUTE 50)
SECTION 20-00285-00-ST
PROJECT NO. PRNY(932)
CITY OF KANKAKEE
FUNDING - ITEP FUNDS

C-93-112-21

F.A.P. ETC.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	1
ILLINOIS				

INDEX OF SHEETS

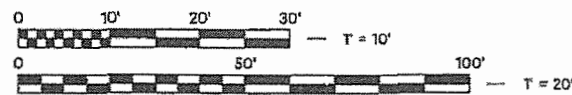
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- 000001-09 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 602301-04 INLET - TYPE A
- 602306-03 INLET - TYPE B
- 602401-07 PRECAST MANHOLE TYPE A 4' DIAMETER
- 602601-05 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-02 MANHOLE STEPS
- 604001-05 FRAME AND LIDS TYPE 1
- 604051-04 FRAME AND GRATE TYPE 11
- 606001-02 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701011-04 OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
- 701427-05 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
- 701806-10 URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 731001-01 BASE FOR TELESCOPING STEEL SIGN SUPPORT
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

DISTRICT 3 SPECIFIC STANDARDS

URBAN PAVEMENT MARKINGS

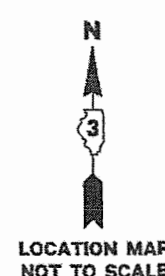
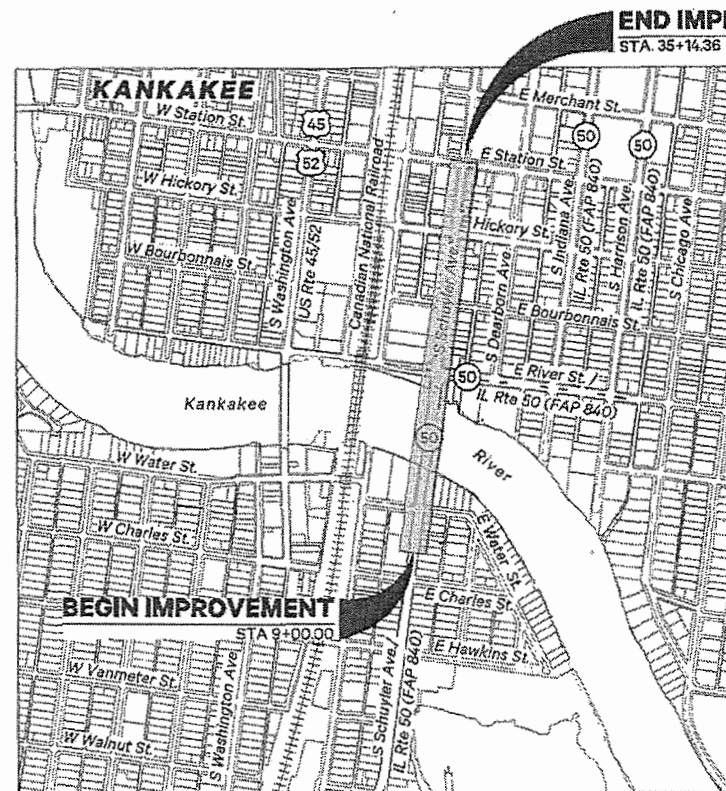


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER : TIMOTHY LAROCQUE, P.E.
PROJECT MANAGER : NEIL PIGGUSH, P.E.

CONTRACT NO. 87761



LICENSED PROFESSIONAL ENGINEER
TIMOTHY JAMES LAROCQUE
062-067059
STATE OF ILLINOIS
EXPIRES 11/30/21

GROSS LENGTH = 2,615 FT. = 0.495 MILE
NET LENGTH = 2,615 FT. = 0.495 MILE



FUNCTIONAL CLASSIFICATION
PRINCIPAL ARTERIAL
2019 ADT = 11,700

AGENCY RESPONSIBLE FOR LETTING	
APPROVED	<i>October 29, 2021</i> MAYOR, CITY OF KANKAKEE
PASSED	<i>NOVEMBER 16, 2021</i> DISTRICT 3 ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	<i>Nov. 16, 2021</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION 2 ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

**PIGGUSH
ENGINEERING**



PiggushEng.com

586 William Latham Drive, Suite 8
Bourbonnais, IL 60914

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☎ 815.614.3735

Rev	Issued	Description
1	06.28.21	per IDOT Review
2	10.11.21	per IDOT Review
3	10.29.21	per IDOT Review

SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

304 South Indiana Avenue,
Kankakee, Illinois 60901

Project: 20021.0901
Issued: 10.30.20
Drawn by: MRG
Checked by: NAP

COVER PAGE

SITE CONSTRUCTION NOTES

- I. All site work, site grading, excavation, demolition, embankment construction and that is displayed, depicted or described in the following plans and bid documents shall be in accordance with the Illinois Department of Transportation "Standard Specifications for Road and Bridge Construction", latest edition, including all published addenda, except as modified by the accompanying specifications and/or special provisions as well as any notes shown in the plans.
- II. Any and all work that is displayed, depicted or described in the following plans and bid documents shall be performed in accordance with the Occupational Safety and Health Administration (OSHA) requirements and the **City of Kankakee** safety regulations. Any nonconformance with these safety regulations will be the sole responsibility of the contractor of record and their subcontractor(s), agents, and/or vendors.
- III. It shall be the sole responsibility of the contractor of record, their agents, subcontractors, vendors and the like, to comply with all pertinent federal and state safety laws and regulations as well as provide a safe working environment in order to meet compliance with these regulatory bodies which shall include but are not limited to, the Federal Construction Safety Standards as well as the Occupational Safety and Health Administration regulations, latest editions. The contractor of record and they agents and subcontractors shall be the responsible parties for compliance with these regulations as well as the overseeing their employees compliance.
- IV. The contractor of record, their agents, vendors and the like, shall hold harmless Piggush Engineering, Inc., to be recognized from this point forward as "The Engineer" which shall include his employees and agents while acting within the scope of work from and against any and all liability, claims, damages, and the cost of defense arising out of any contractor, subcontractor and/or agent's performance of the work described herein, but shall not include the sole negligence of the owner, his agents, the engineer, his employees and agents by using these plans for their work.
- V. It shall be the responsibility of the contractor to notify all utility companies for field location of their facilities prior to commencement of construction activities. All underground utilities have been depicted from best available information and all of their respective locations shall be considered for reference only. Onsite verification of all existing utilities shall be the sole responsibility of the contractor and their employees, agents, and/or subcontractors. The contractor will be responsible for the location, maintenance and preservation of any existing facilities throughout the course of the construction project. All underground utilities have been shown in the plans from the best available information and therefore their locations shall be considered approximate only. The verification of the location of all existing public and/or private utilities, either shown or not shown on these plans, shall be the responsibility of the contractor and shall be located prior to any grading or construction of the improvements.
- VI. Nothing that is contained in these plans and bid documents shall be interpreted as any form of a contract between the contractor of record or subcontractor thereto and the engineer.
- VII. The engineer will not be responsible for determining any sort of means, techniques or methods for the proposed work contained within these plans and construction documents.
- VIII. All water and sewer main work that is displayed, depicted or described in the following plans and bid documents shall be constructed in accordance with the "Standard Specifications for Water and Sewer Main Construction in Illinois", latest edition, with the **City of Kankakee** public works department for all applicable sanitary sewer construction and/or in accordance with the **Aqua Illinois, Inc.** for all applicable water and sewer main construction.
- IX. All compacted fills which shall include but are not limited to, building pad fill, subgrade under road and/or parking areas, utility trenching for storm, sanitary, water main and all other potential site utilities, shall be compacted to a minimum of ninety-five percent density as defined by the "Standard Proctor Test AASHTO T-99, Method C" (ASTM D-698). All compacted fills that do not include CA-07 trench backfill, shall be mechanically compacted to the satisfaction of the engineer and shall provide supporting documentation to prove compaction has been achieved at the sole expense of the contractor.
- X. Any and all changes in the field that deviate from the approved for construction site engineering drawings as a result of unforeseen obstructions or conditions that are encountered in the field, shall only be performed by the contractor at the discretion of the engineer of record in writing.
- XI. The contractor shall immediately notify the engineer if any existing drainage/field tile(s) are encountered during construction. No work/repairs on these items shall be performed until a visual inspection of the broken tile has been performed by the engineer unless notified otherwise in writing. Unless directed otherwise by the engineer in writing, the tile shall be repaired and returned to its original integrity, route, and function.
- XII. It is the responsibility of the contractor to examine all of the construction documents, additional information provided as well as the existing site conditions prior to the bid opening and shall make the engineer aware of any discrepancies during the bidding process. All items that are not specifically shown on the plans or in the summary of quantities but can reasonably be interpreted to be included in the scope of the work depicted or shown herein these plans shall be considered incidental to the cost of the contract and no additional compensation shall be allowed.
- XIII. All surveyed existing elevations as well as proposed plan elevations are based on USGS datum which is specifically on NAVD 1988 vertical datum and NAD 1983 horizontal datum unless otherwise noted in the plans.
- XIV. All proposed frames, grades, vaults and superficial utility appurtenances shall be manufactured by East Jordan Iron Works per the make and model number of the respective items as shown in the plans, or approved equal and be in accordance with Section 604 of the IDOT Standard Specifications for Road and Bridge Construction, latest edition and any addenda thereto. Any substitution shall be requested in writing by the contractor to the engineer prior to the bid opening, ordering and/or installation.
- XV. By executing the work required to construct to proposed improvements enclosed in the following plans, the contractor agrees to the indemnification and insurance requirements designated in any of the additional bidding, specification, special provision, and/or addenda documents to the fullest extent permitted by law.
- XVI. To the fullest extent permitted by law, the contractor shall be responsible for any and all injuries to person or damages to property due to the activities of the contractor, subcontractors, suppliers, agents, or employees arising out of or resulting from performance of the contract, or any activity in connection therewith. The contract shall indemnify and hold harmless the **City of Kankakee** and Piggush Engineering, Inc., and their officers, employees, and agents from any and all claims, lawsuits, actions, costs, and fees (including reasonable attorney fees and expenses) of every nature or description, arising from, growing out of, or connected with the work, or on account of or in consequence of any neglect in safeguarding the work or on account of or in consequence of using unacceptable materials in constructing the work or because of any act or omission, neglect, or misconduct of the contractor, its officers, employees, agents, its subcontractor(s), or anyone directly or indirectly employed by them, and/or anyone for whose acts they may be liable or because of any claims or amount recovered by reason of any infringement of any patent, trademark, or copyright or by reason of the violation of any law, ordinance, order or decree. This obligation is binding on the contractor without regard to whether or not such claim, damage, loss, or expense is caused in part by the act, omission, or negligence of Piggush Engineering, Inc. or its officers, employees, or agents.
- XVII. In the event any such claim, lawsuit, or action is asserted, any such money due to the contractor under and by virtue of the contract as shall be deemed necessary by Piggush Engineering, Inc. and/or the client for the payment thereof, may be retained by Piggush Engineering, Inc. and/or the client for said purpose, or in case no money or insufficient money is due to satisfy such claim, lawsuit, or action, the contractor's surety shall remain liable for any payment therefore until any such lawsuit, action, or claim has been settled or has been fully judicially determined and satisfied.
- XVIII. No inspection by Piggush Engineering, Inc., its employees or agents shall be deemed a waiver by Piggush Engineering, Inc. of full compliance with the requirements of the contract. This indemnification shall not be limited by the required minimum insurance coverage provided in the contract.
- XIX. The contractor shall be responsible for providing liability insurance to protect the **City of Kankakee**, the developer, Piggush Engineering, Inc. and the design engineer from all claims and claims made against this project, its design or implementation. Each of the above shall be named in the certificate, the minimum insurance requirements as they refer to the indemnification and insurance requirements are as follows:

EROSION CONTROL NOTES

- I. Description of stabilization practices at the beginning of construction
 - i. The area between the existing and proposed right-of-way/temporary easement boundaries and limits of the project will be improved and managed for the purposes of controlling erosion within the area, reducing water flow by temporary diversion and minimizing siltation into the construction zone, and establishing vegetative cover which will become permanent vegetation and act as an erosion barrier.
- II. Work at the beginning of construction will consist of the following:
 - i. Areas of existing vegetation (woods and grasslands) outside the proposed construction slope limits shall be identified for preserving and shall be protected from mowing, brush cutting, tree removal and other activities which would be detrimental to their maintenance and development.
 - ii. Dead, diseased, or unsuitable vegetation within the site shall be removed as directed by the engineer, along with required tree removal.
 - iii. As soon as reasonable access is available (such as trees cleared) to all locations where ditch checks and/or erosion control fence shall be installed as called out in the plan and directed by the engineer.
 - iv. Bare and sparsely vegetated ground in highly erodible areas as determined by the engineer shall be temporarily seeded at the beginning of construction where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding."
 - v. Immediately after tree removal is completed in certain areas which are highly erodible areas as determined by the engineer, the areas shall be temporarily seeded where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding."
 - vi. At locations where a significant amount of water draining into the construction zone, rip rap ditch checks will be utilized to locally divert water, reduce flow rates, and collect outside siltation inside the right-of-way line. erosion control items will not be allowed to be installed to cause flooding to upstream private property which could cause crop damages or other undesirable conditions.
 - vii. At locations where water drains away from the project, sediment basins, rip rap ditch checks, temporary erosion control fence, or temporary ditch checks shall be used.
- III. Establishment of these temporary erosion control measures will have additional benefits to the project. Desirable grass seed will become established in these areas and will spread seeds onto the construction site until permanent seeding/mowing and overseeding can be complete.
- III. A third party benefit of these filter areas is that they will begin to provide a screen and buffer. They will help protect the construction site from winds and excess sun and mitigate construction noise and dust.
- IV. Description of stabilization practices during construction:
 - i. During roadway construction, areas outside the construction slope limits as outlined previously herein shall be protected from damaging effects of construction. The contractor shall not use this area for staging (except as designated on the plans or directed by the engineer), parking of vehicles or construction equipment, storage of materials, or other construction related activities.
 - ii. Within the construction zone, critical areas which have high flows of water as determined by the engineer shall remain undisturbed until full scale construction is underway to prevent unnecessary soil erosion.
 - iii. Top soil and earth stockpiles will be temporarily seeded if they are to remain unworked for more than fourteen days.
 - iv. As the contractor constructs a portion of the roadway in a fill section, he/she shall follow the following steps as directed by the engineer:
 - v. The contractor shall immediately follow major earth moving operations with final grading equipment. After major earth spread operation has moved to a new location, final grading shall be completed within fourteen days. If grading is not completed within fourteen days, all major earth moving operations will be stopped, as directed by the engineer, until disturbed areas are final graded and seeded.
 - vi. Excavated areas and embankments shall be permanently seeded when final graded. If not, they shall be temporarily seeded as stated in the special provision "Temporary Erosion Control Seeding."
 - a. Place temporary erosion control systems at locations where water leaves and enters the construction zone.
 - b. Temporary seed highly erodible areas outside the construction zone slope limits.
 - c. Construct roadside ditches and provide temporary erosion control systems.
 - d. Temporary divert water around proposed culvert locations.
 - e. Build necessary embankment at culvert locations and then excavate and place culvert.
 - f. Continue building up the embankment to the proposed grade while at the same time placing permanent erosion control such as rip rap ditch lining and conduct final shaping to the slopes.
 - vii. Construction equipment shall be stored and fueled only at designated locations, all necessary measures shall be taken to contain any fuel or pollution run-off in compliance with epa water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.
 - viii. The resident engineer shall inspect the project daily during activities and weekly or after large rains during the winter shutdown period. This project shall additionally be inspected by the construction field engineer on a biweekly basis to determine that erosion control efforts are in place and effective and if other control work is necessary.
 - ix. Sediment collected during construction by the various temporary erosion control systems shall be disposed of on site on a regular basis as directed by the engineer. The cost of maintenance will be paid for in accordance with Article 109.04 of the Standard Specifications.
 - x. The temporary erosion control systems shall be removed as directed by the engineer after use is no longer needed or no longer functioning. The costs of this removal shall be included in the unit bid price for the temporary erosion control system. No additional compensation will be allowed.
- V. Documentation
 - i. A report summarizing the scope of inspection, name(s) and qualifications of personnel making the inspection, date(s) of the inspection, major observations relating to the implementation of this storm water pollution prevention plan, and action taken in accordance with Section 4B shall be made and retained as part of the plan for at least three years after the date of inspection. The report shall be signed in accordance with Part VI. G of the general permit.
 - ii. If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the resident engineer or resident technician shall complete and file an "Incident of Noncompliance (ION)" report for the identified violation. The resident engineer or resident technician shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of noncompliance shall be signed

by a responsible authority in accordance with Part VI. G. of the general permit. The report of noncompliance shall be mailed to the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Compliance Assurance Section #19
Post Office Box 19276
Springfield, IL 62794-9276

- VI. Description of intended sequence of major construction activities which will disturb earth and lead to possible erosion for major portions of the construction site:
 - i. Excavation and furnished excavation will be completed at location as indicated on the plans or directed by the engineer.
 - ii. Drainage structures will be installed before and/or during the construction of the excavation and furnished excavation to allow proper drainage in area of the proposed roadway facility.
 - iii. Placement, maintenance, removal and proper cleanup of temporary erosion control, such as erosion control fence, hay or straw bale ditch checks, rip rap ditch checks, temporary seeding and mulching.
 - iv. Placement of permanent erosion control, such as rip rap ditch lining, filter fabric for use with rip rap, seeding and mulching.
 - v. Final grading, and other miscellaneous items. Use with rip rap, seeding and mulching.
- VII. Area of disturbed ground
 - i. The total area disturbed by construction activities is approximately _____ Acres.
 - ii. The following plan was established and included in these plans to direct the contractor in the placement of temporary erosion control systems and to provide a storm water pollution prevention plan for compliance under NPDES. The contractor shall abide to all requirements within this plan as part of the contract.
 - iii. All disturbed areas having high potential for erosion, as determined by the engineer, shall be permanently seeded and covered with erosion blanket as soon as possible.
- VIII. Description of stabilization practices after final grading:
 - i. Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all proposed turf areas seeded and established with a proper stand.
 - ii. Once permanent erosion control systems as proposed in the plans are functional and established, temporary items shall be removed, cleaned up, and disturbed turf reseeded. Temporary rip rap ditch checks will be allowed to remain in place where approved by the engineer.

PAVEMENT NOTES

- I. All existing concrete and bituminous pavement and concrete curb that is shown to be removed shall include saw-cutting.
- II. Contraction joints in concrete curb and gutter shall be placed at a 25 foot maximum interval. Expansion joints in the concrete curb and gutter shall be placed at a maximum spacing of 200-ft in straight sections, at all point of curvatures and points of tangency in the curb as well as five feet on each side of all inlets. If an inlet is located on a curve, expansion joints need be placed at either a point of curvature, point of tangency or five feet on each side of an inlet, but not at both locations.

EXCAVATION NOTES

- I. Prior to commencing any fill operations in structural building, pavement or sidewalk areas, all topsoil is to be removed, unless otherwise noted.
- II. Upon stripping of topsoil from structural, pavement and/or utility areas and prior to placement of fills or subbase courses, the contractor shall notify the engineer and/or the owner's testing laboratory if applicable, for sample selection and/or field verification of the adequate subgrade strength. Soil subgrade strength in pavement areas shall be evaluated with the aid of a fully-loaded excavation hauling truck, and by means of density tests.
- III. Earth excavation shall include clearing, any stripping of existing non structural and/or unsuitable in-situ material, removal of existing structures, removing unsuitable materials, the construction of embankments, non-structural fills, final shaping and trimming to the contour lines and/or grades shown on the plans.
- IV. Where section stones and/or property markers are encountered, all markers shall be protected and preserved until an owner or surveyor, licensed in that jurisdiction, has witnessed and referenced their location.
- V. Any and all excess in-situ soil materials that are either dug, mined, quarried, or exhumed from the site shall be the property and responsibility of the contractor. Any removal and disposal of these aforementioned materials shall be done in accordance with all pertinent and appropriate federal, state, and local regulations which shall include, but not limited to, compliance with IEPA CDDO requirements.
- VI. No rock, stones or broken concrete more than four inches in the largest dimension shall be permitted within a vertical distance of twelve inches from the surface of the finished earth grade or finished earth shoulders.
- VII. Soil erosion practices shall be employed by the contractor, who shall assume the entire responsibility to maintain the project activities within compliance of the IEPA NPDES permit requirements and in accordance with any applicable stormwater pollution prevention plan that has been generated for the project as well as any more restrictive local, state or federal regulations that may apply to the activities depicted in the plan-set herein.
- VIII. All disturbed unpaved areas shall be seeded/sodded within 30 days of substantial completion of the site construction operations unless otherwise approved by the **City**.
- IX. Perimeter temporary erosion control shall be installed prior to the commencement of construction. Ditch checks, inlet protection, and other like controls shall be installed immediately after the relevant construction activities.
- X. All temporary erosion control, such as silt fence and straw bales, inlet protection, etc. shall be inspected and maintained, by the contractor, on a daily basis.

SYMBOLS & LEGEND

Existing

	Storm Inlet
	Curb Inlet
	Storm / Sanitary Manhole
	Gas Valve
	Roadway Sign
	Hydrant
	Water Meter
	Water Shut-Off
	Water Valve
	Guy Wire
	Light Post
	Light Pole w/Mast Fixture
	Ornamental Light Unit
	Power Pole
	Bollard
	Telephone Manhole / Vault
	Monitoring Well
	Heavy Duty Hand Hole
	Aluminum Mast Arm
	Post & Signal Head w/Backplate
	Signal Head w/Backplate
	Shade / Deciduous Tree
	Water Main, Size N/A
	Gas Main, 2"
	Gas Main, 4"
	Storm Sewer Pipe
	Sanitary Sewer Pipe
	Electric Line, Overhead
	Electric Line, Underground
	Fiber Optic Line
	Telephone Line
	Fence, Wood
	Edge of Pavement / Sidewalk
	Curb and Gutter
	Edge of Gravel
	Concrete Pavement / Sidewalk
	Two-Way Amber Marker
	One-Way Crystal Marker
	PCC Sidewalk Removal
	Bituminous Pavement Milling, 1-1/2" Depth
	Bituminous Pavement Removal, Full Depth
	Concrete Curb and Gutter Removal
	Storm Sewer Removal
	Remove Object
	Inlet Protection
	New Curb Inlet
	New Storm Manhole
	New Storm Sewer Pipe
	New Curb and Gutter
	New Curb and Gutter, Inverted Pitch
	Accessible Ramp Detectable Warnings
	New Concrete Pavement
	New Concrete Sidewalk
	New Bituminous Pavement, Full Depth
	New Bituminous Pavement Overlay, 1-1/2" Surface Course
	New Two-Way Amber Marker
	New One-Way Crystal Marker

PIGGUSH ENGINEERING



PiggushEng.com

586 William Latham Drive, Suite 8

Bourbonnais, IL 60914

815.614.3447

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Rev	Issued	Description
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SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS
South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

304 South Indiana Avenue,
Kankakee, Illinois 60901

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STANDARDS, SPECIFICATIONS, & LEGEND

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	3
		ILLINOIS		



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SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

304 South Indiana Avenue,
Kankakee, Illinois 60901

Project: 20021.0301

Issued: 10.30.20

Drawn by: MRG

Checked by: NAP

SUMMARY OF QUANTITIES

CODE NO.	ITEM	M	TOTAL QUANTITY
* 20200100	EARTH EXCAVATION	CU YD	202
20800150	TRENCH BACKFILL	CU YD	14
28000500	INLET AND PIPE PROTECTION	EACH	16
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	138
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	811
35102200	AGGREGATE BASE COURSE, TYPE B 10"	SQ YD	138
35300100	PORTLAND CEMENT CONCRETE BASE COURSE 6"	SQ YD	441
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5,255
40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	33
40604182	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	1,366
42000400	PORTLAND CEMENT CONCRETE PAVEMENT 9"	SQ YD	17
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	4,818
42400800	DETECTABLE WARNINGS	SQ FT	360
44000100	PAVEMENT REMOVAL	SQ YD	735
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	11,577
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	828
44000600	SIDEWALK REMOVAL	SQ FT	4,611
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	62
550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	129
56109210	WATER VALVES TO BE ADJUSTED	EACH	8
60218400	MANHOLES, TYPE A 4"-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	4
60240310	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	EACH	3
60255500	MANHOLES TO BE ADJUSTED	EACH	10
60260100	INLETS TO BE ADJUSTED	EACH	7
60500040	REMOVING MANHOLES	EACH	1
60500060	REMOVING INLETS	EACH	4
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	973
* 61139900	STORM SEWERS (SPECIAL), 6"	FOOT	5
Δ 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	68
Δ 66900530	SOIL DISPOSAL ANALYSIS	EACH	3
Δ 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1
Δ 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1
Δ 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	5
67100100	MOBILIZATION	L SUM	1
Δ 72000100	SIGN PANEL - TYPE 1	SQ FT	104
Δ 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	30
Δ 72900100	METAL POST - TYPE A	FOOT	125
73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	3
Δ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	333

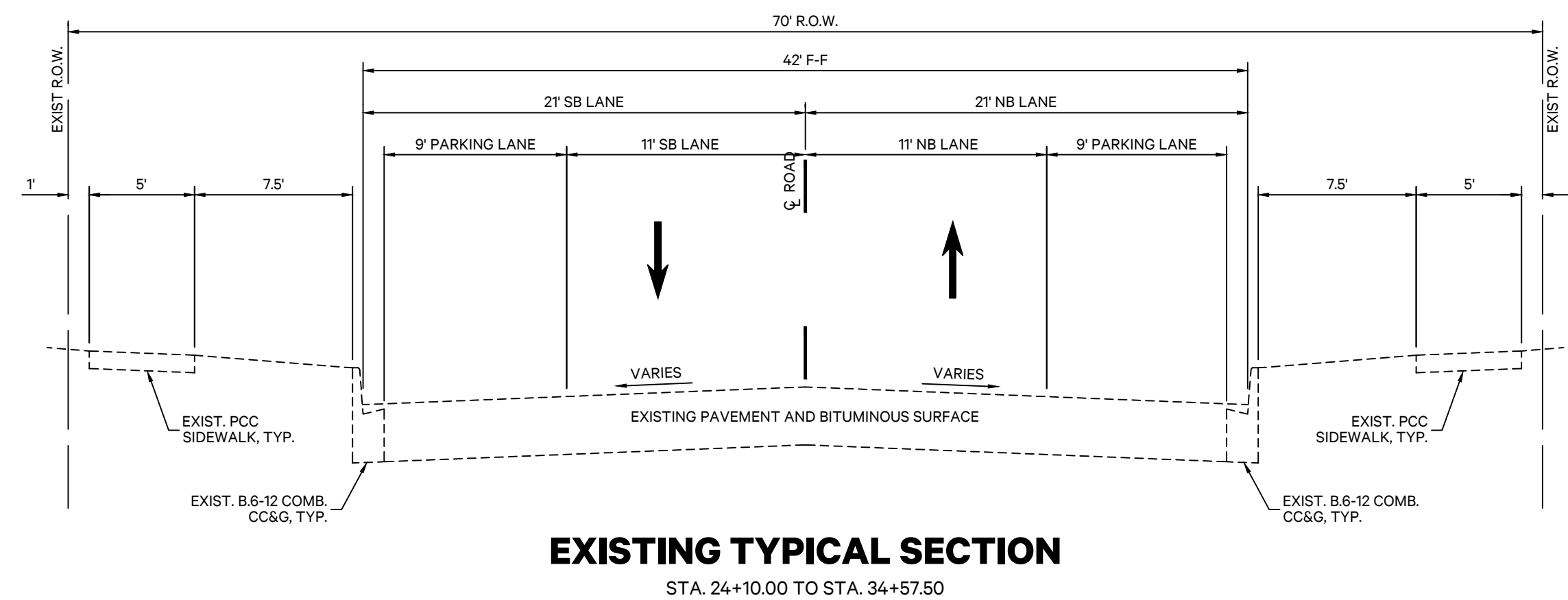
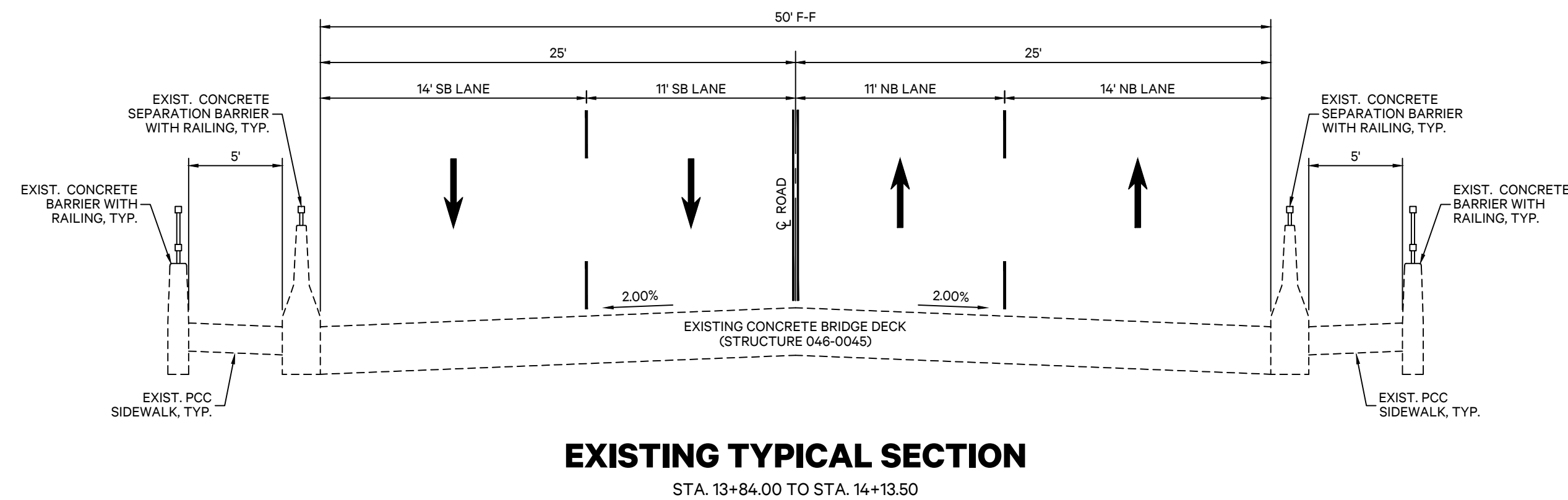
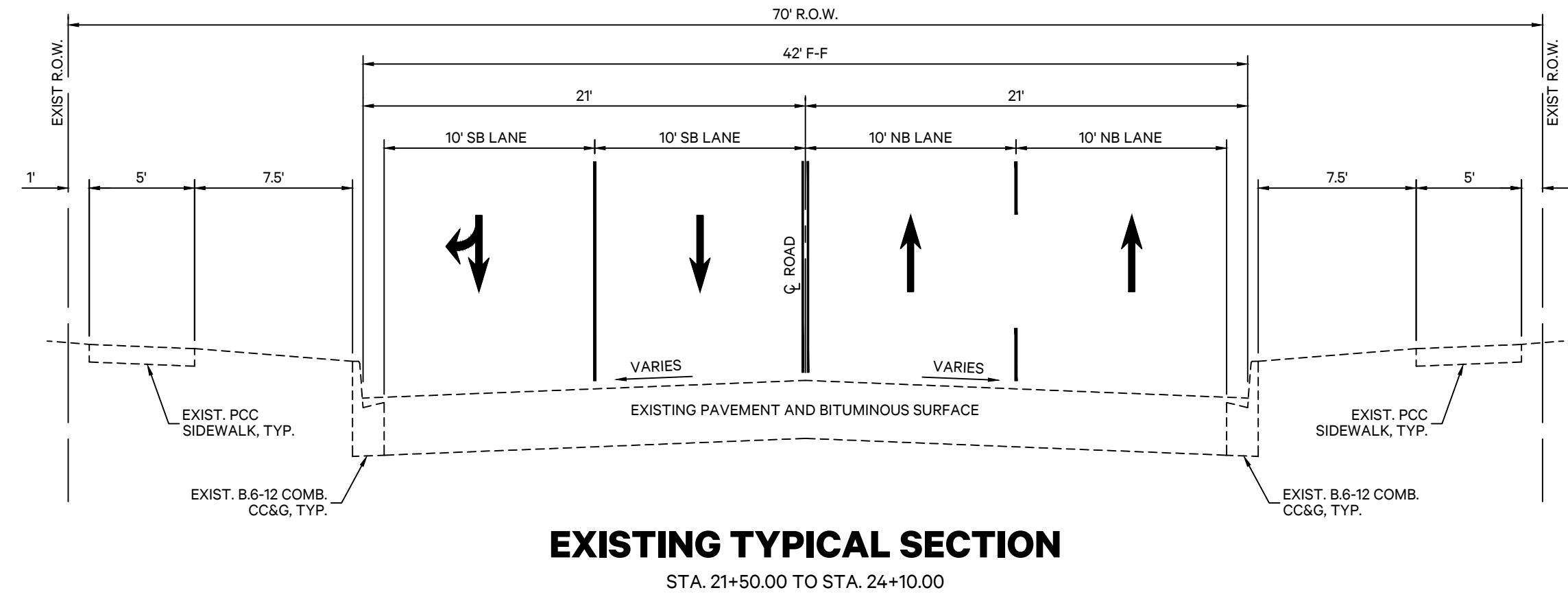
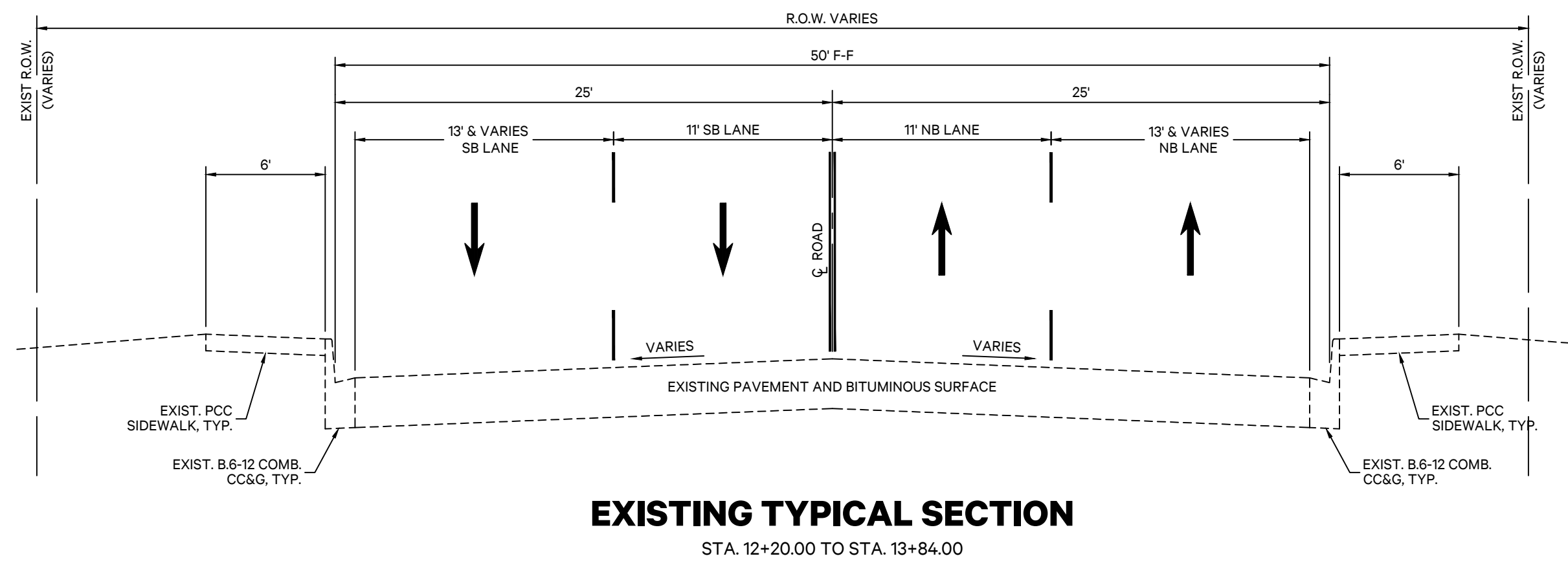
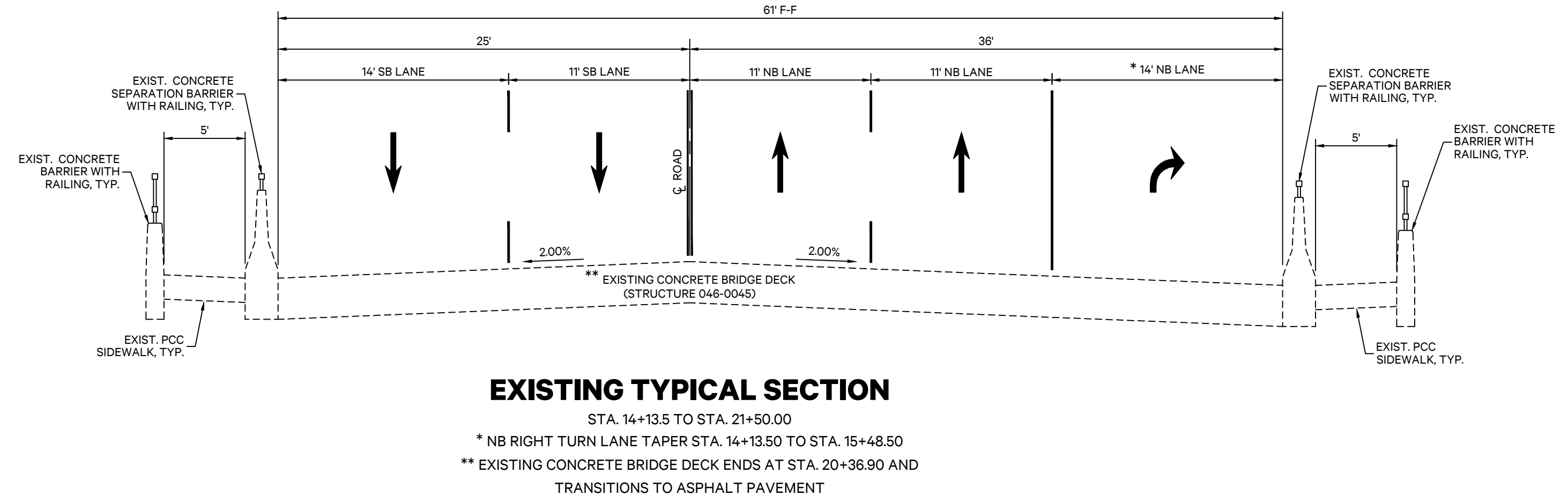
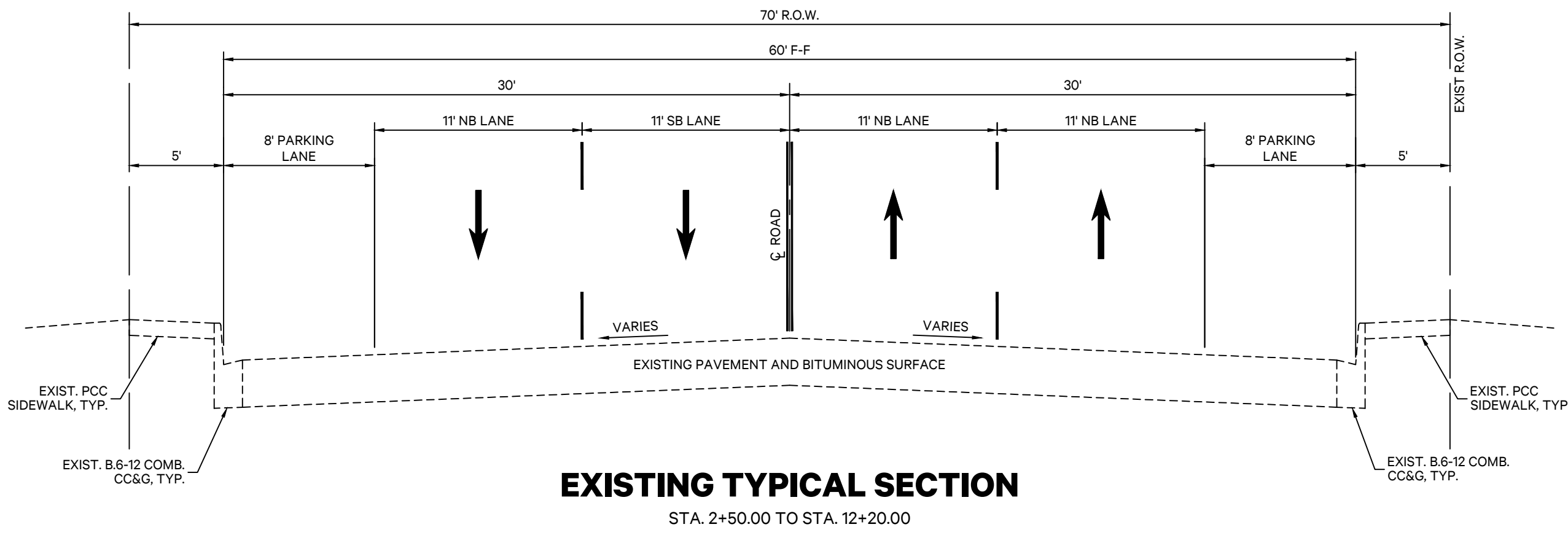
* SPECIAL PROVISIONS
Δ SPECIALTY ITEMS

CODE NO.	ITEM	M	TOTAL QUANTITY
Δ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5,215
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	5,014
Δ 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	149
Δ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,617
Δ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	89
Δ 78003131	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LINE 6"	FOOT	1,204
Δ 78003181	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LINE 24"	FOOT	178
Δ 78006100	PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	7,322
Δ 78008200	POLYUREA PAVEMENT MARKING TYPE 1 - LETTERS AND SYMBOLS	SQ FT	167
Δ 78008210	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4"	FOOT	2,900
Δ 78008230	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6"	FOOT	1,029
Δ 78008240	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 8"	FOOT	622
Δ 78008250	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12"	FOOT	29
Δ 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	2,659
Δ 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	3,812
Δ 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	609
Δ 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	41
Δ 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	178
Δ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	140
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	108
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1,172
Δ 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	5
Δ 88030020	SIGNAL HEAD, LED, 1-FACE, 3 SECTION, MAST-ARM MOUNTED	EACH	2
Δ 88030050	SIGNAL HEAD, LED, 1-FACE, 3 SECTION, BRACKET MOUNTED	EACH	1
Δ 88200310	TRAFFIC SIGNAL BACKPLATE, LOUVERED, PLASTIC	EACH	3
Δ 89502200	MODIFY EXISTING CONTROLLER	EACH	1
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1
* X0324894	WATERMAIN MANHOLES TO BE ADJUSTED	EACH	1
* X5510100	STORM SEWER REMOVAL	FOOT	106
* X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	1
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
Δ * X8440110	RELOCATE EXISTING LIGHT POLE WITH LUMINAIRE	EACH	1
Δ * X8950305	REMOVE EXISTING SIGNAL HEAD	EACH	3
Δ * C2C07263	SHRUB, ROSA FLOWER CARPET RED (FLOWER CARPET RED SHRUB ROSE), CONTAINER GROWN, 3-GALLON	EACH	145
Δ * K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	4.93
Δ * K0013020	PERENNIAL PLANTS, PRAIRIE TYPE, GALLON POT	UNIT	0.95
Δ * K0013080	PERENNIAL PLANTS, SEDGE MEADOW TYPE, GALLON POT	UNIT	4.45
Δ * K1003679	MULCH	CU YD	36
Δ * XX005967	TOPSOIL (PLANTING MIXTURE)	CU YD	259

* SPECIAL PROVISIONS
Δ SPECIALTY ITEMS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	4
ILLINOIS				

EXISTING TYPICAL SECTIONS SOUTH SCHUYLER AVENUE



PiggushEng.com

586 William Latham Drive, Suite 8
Bourbonnais, IL 60914

O 815.614.3447
F 815.614.3735

Rev	Issued	Description
1	06.28.21	per IDOT Review
2	10.11.21	per IDOT Review
3	10.29.21	per IDOT Review

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SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

304 South Indiana Avenue,
Kankakee, Illinois 60901

Project: 20021.0301

Issued: 10.30.20

Drawn by: MRG

Checked by: NAP

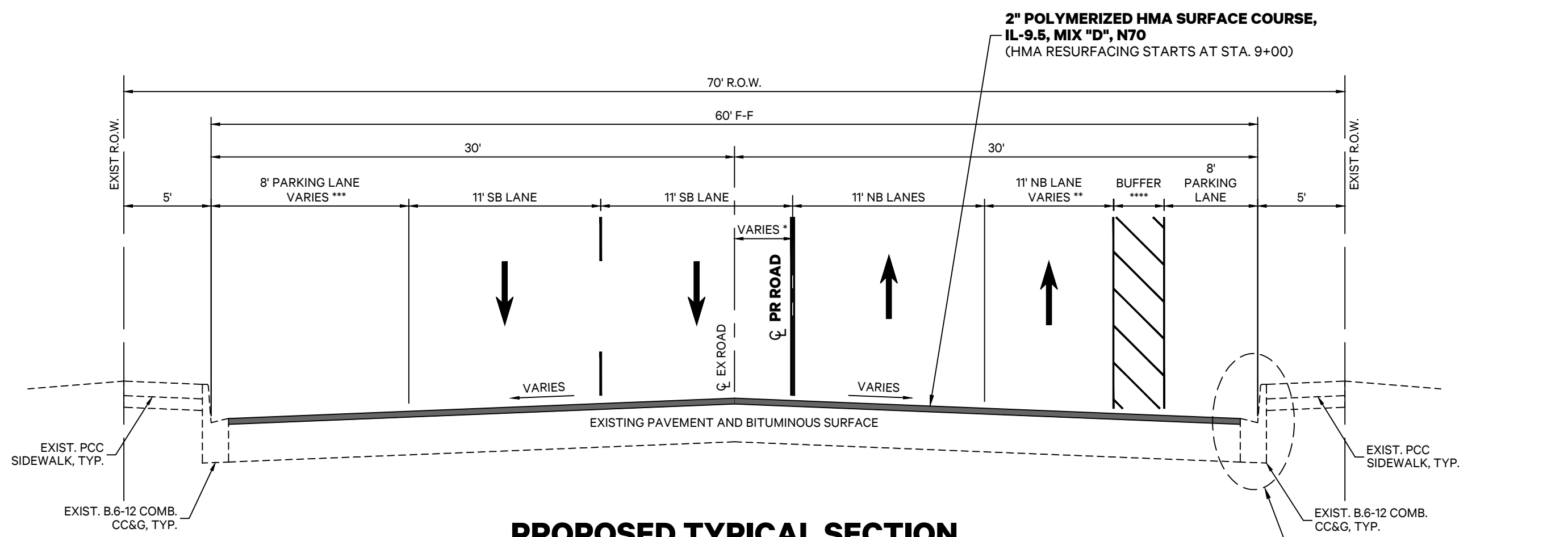
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TYPICAL SECTIONS



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	5
ILLINOIS				

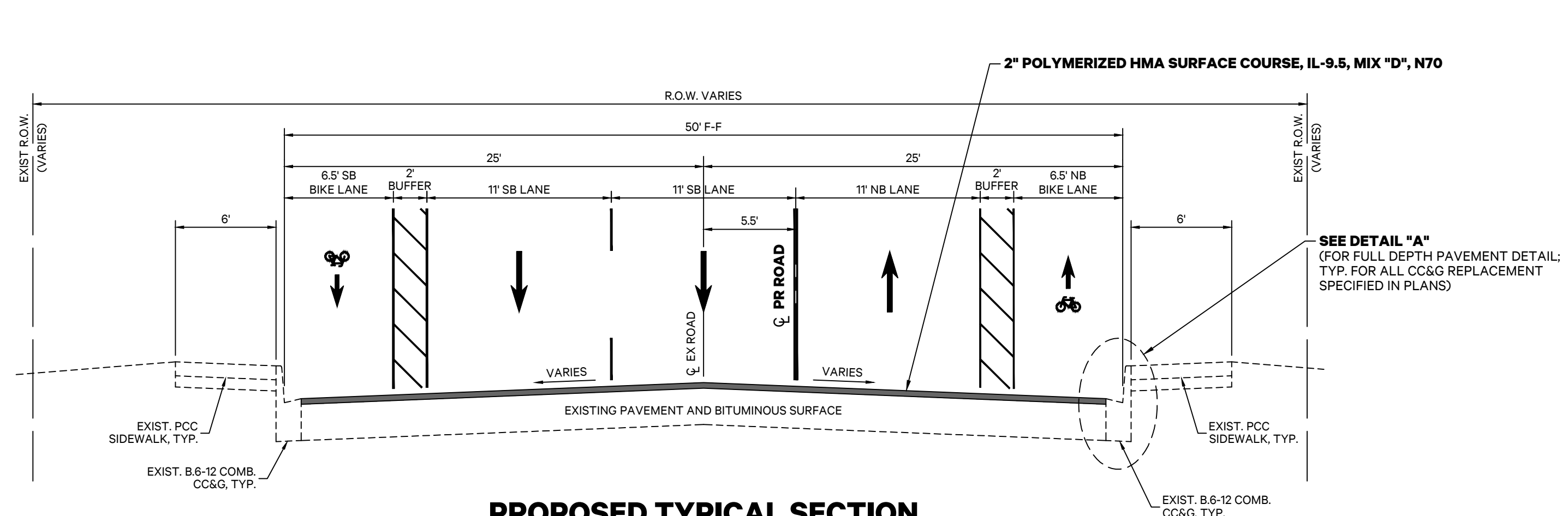
PROPOSED TYPICAL SECTIONS SOUTH SCHUYLER AVENUE



PROPOSED TYPICAL SECTION

STA. 2+50.00 TO STA. 12+20.00
 * VARIES FROM 0.00' TO 6.70' FROM STA. 9+00.00 TO STA. 11+00.00
 VARIES FROM 6.70' TO 5.50' FROM STA. 11+50.00 TO STA. 12+20.00
 ** EAST NB THROUGH LANE TAPERS FROM 11.00' TO 0.00' FROM STA. 3+18.00 TO STA. 6+48.00
 *** SB PARKING LANE VARIES 8.00' TO 14.67' FROM STA. 9+00.00 TO STA. 11+00
 **** BUFFER VARIES FROM 0.00' TO 11.00' FROM STA. 3+18.00 TO STA. 6+48.00
 AND FROM 11.00' TO 4.33' FROM STA. 9+00.00 TO STA. 11+00.00

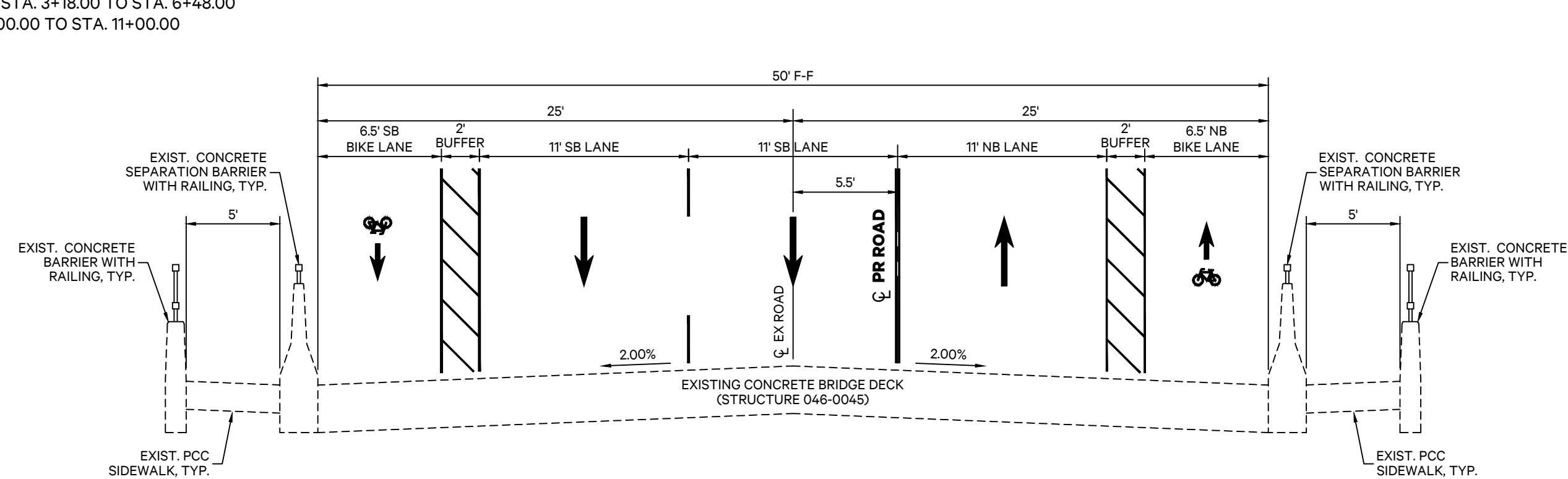
SEE DETAIL "A"
 (FOR FULL DEPTH PAVEMENT DETAIL;
 TYP. FOR ALL CC&G REPLACEMENT
 SPECIFIED IN PLANS)



PROPOSED TYPICAL SECTION

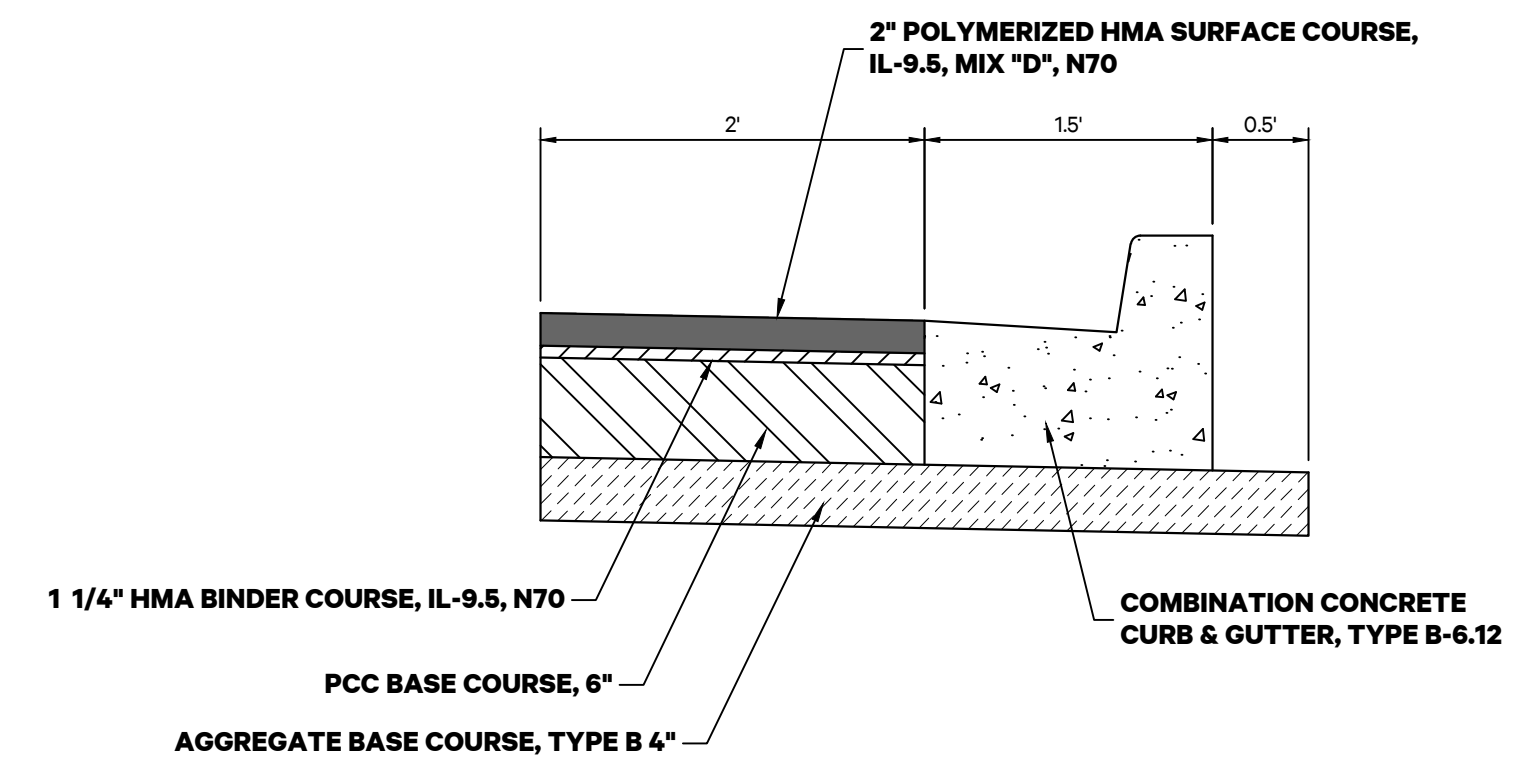
STA. 12+20.00 TO STA. 13+84.00

SEE DETAIL "A"
 (FOR FULL DEPTH PAVEMENT DETAIL;
 TYP. FOR ALL CC&G REPLACEMENT
 SPECIFIED IN PLANS)



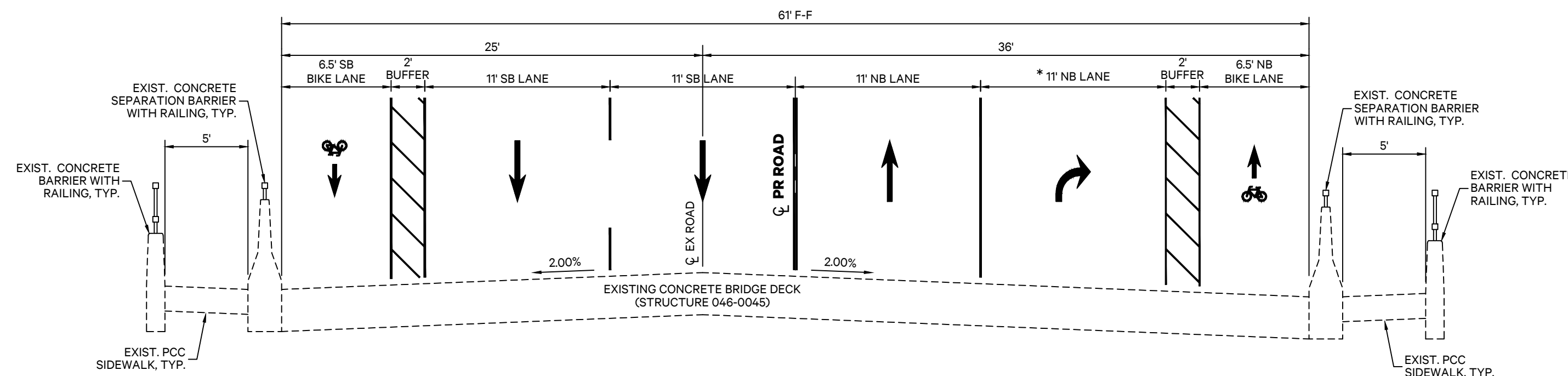
PROPOSED TYPICAL SECTION

STA. 13+84.00 TO STA. 14+13.50



DETAIL "A"

FULL DEPTH PAVEMENT DETAIL



PROPOSED TYPICAL SECTION

STA. 14+13.50 TO STA. 16+51.20
 * NB RIGHT TURN LANE TAPER STA. 14+13.50 TO STA. 15+48.50



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 Kankakee, Illinois 60901

CITY OF KANKAKEE

304 South Indiana Avenue,
 Kankakee, Illinois 60901

Project: 20021.0301

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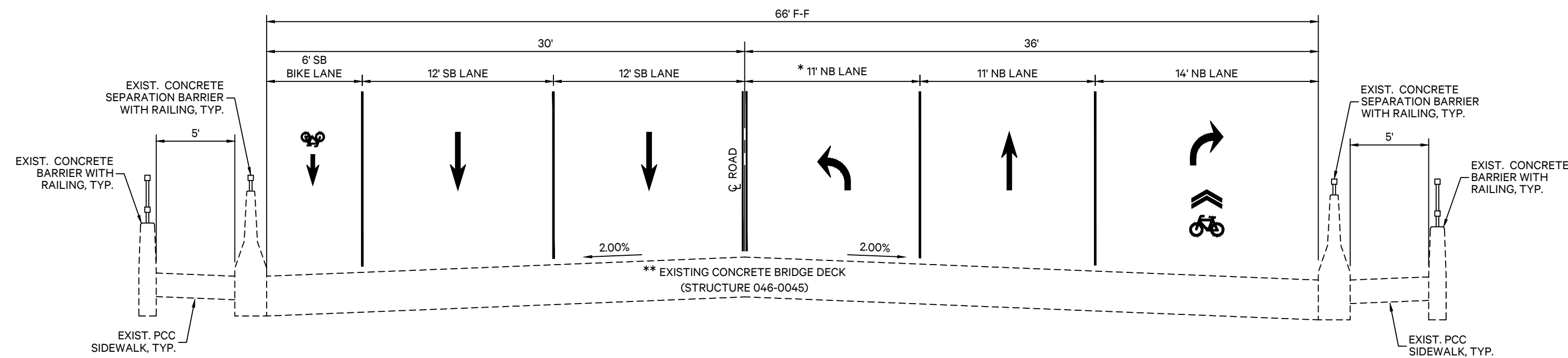
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TYPICAL SECTIONS



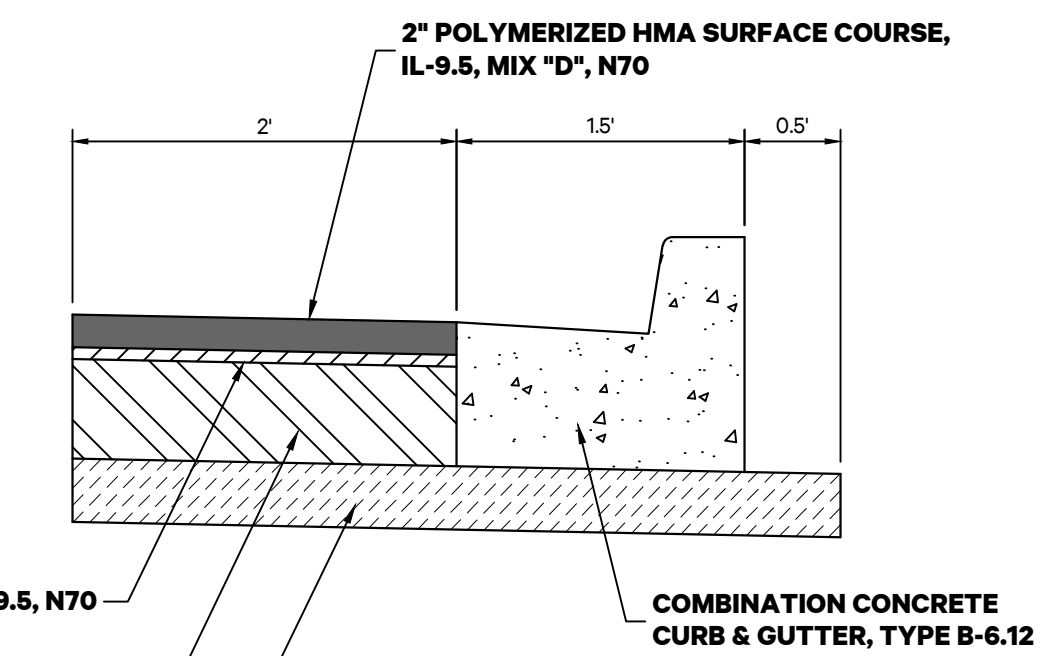
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	6
ILLINOIS				

PROPOSED TYPICAL SECTIONS SOUTH SCHUYLER AVENUE



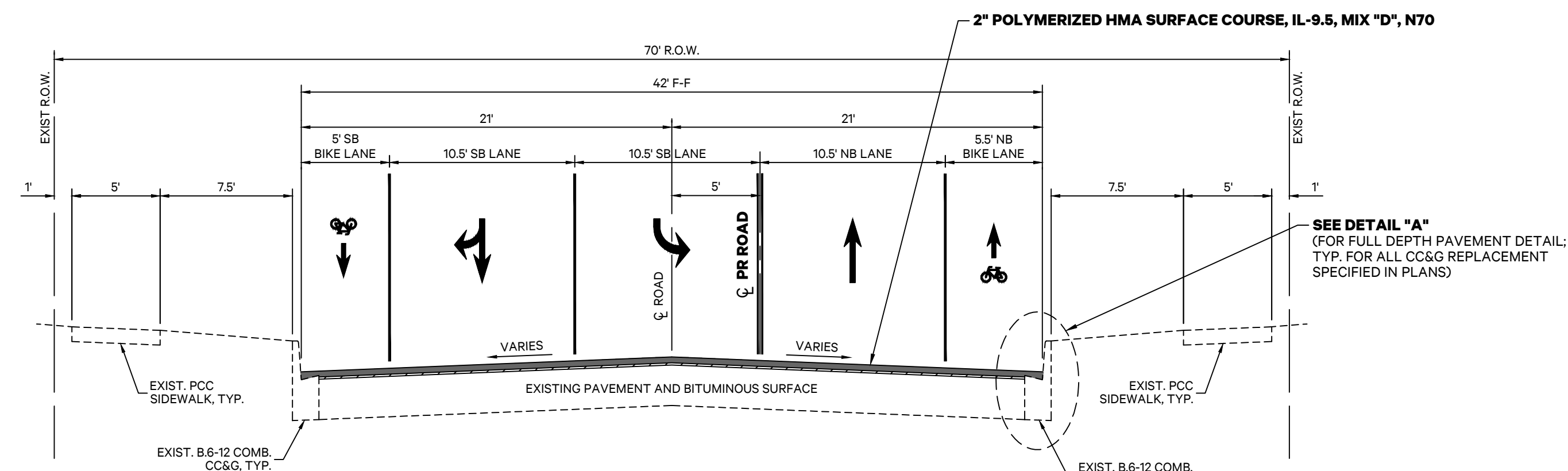
PROPOSED TYPICAL SECTION

STA. 16+51.20 TO STA. 21+50.00
 * NB LEFT TURN LANE TAPER STA. 17+88.70 TO STA. 19+26.20
 ** EXISTING CONCRETE BRIDGE DECK ENDS AT STATION 20+36.90 AND TRANSITIONS TO ASPHALT PAVEMENT



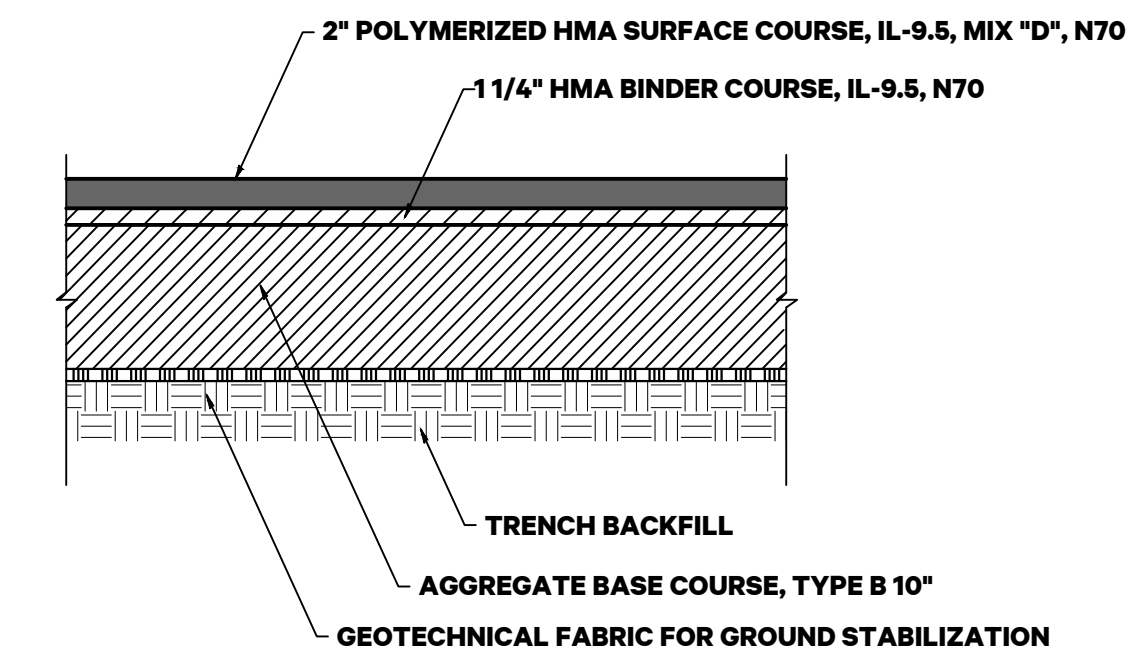
DETAIL "A"

FULL DEPTH PAVEMENT DETAIL



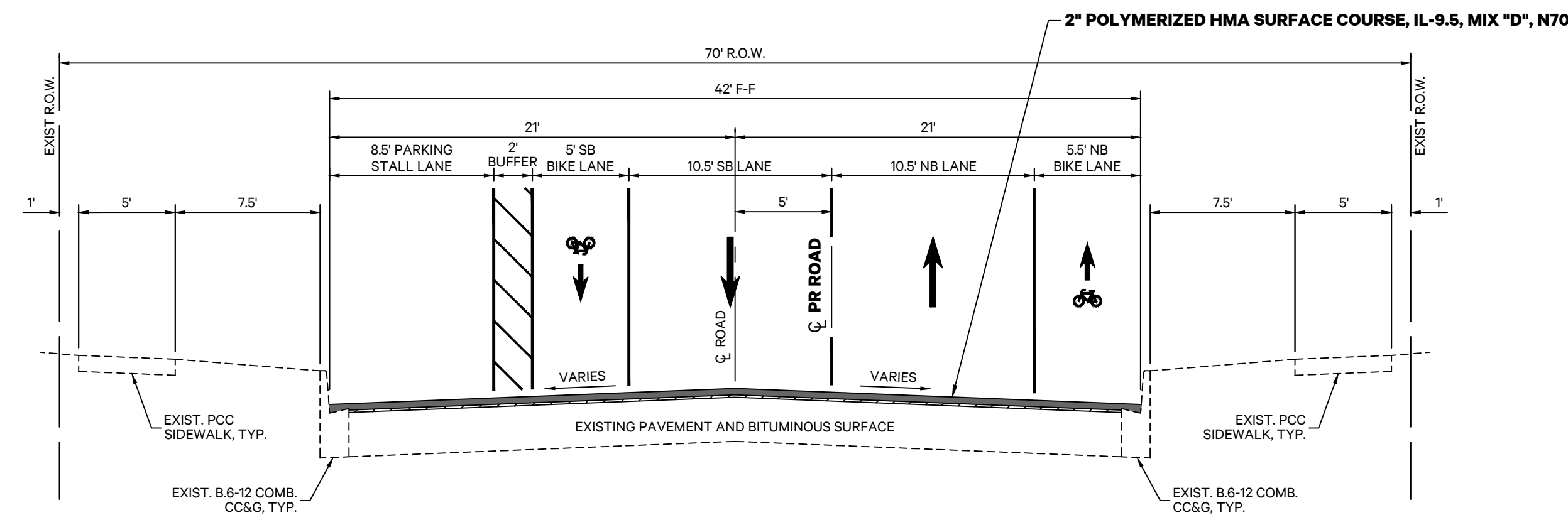
PROPOSED TYPICAL SECTION

STA. 21+50.00 TO STA. 23+32.80



DETAIL "B"

FULL DEPTH PAVEMENT DETAIL
FOR STORM SEWER CONSTRUCTION



PROPOSED TYPICAL SECTION

STA. 23+32.80 TO STA. 34+57.50

MIXTURES TABLE

	HMA BINDER	HMA SURFACE
PG GRADE	PG 64-22	SBS PG 70-28
DESIGN AIR VOIDS	4.0% @ N70	4.0% @ N70
MIXTURE COMPOSITION	IL 9.5	IL 9.5
FRICTION AGGREGATE		MIXTURE D
DENSITY TEST METHOD	NUCLEAR	NUCLEAR
MIXTURE WEIGHT	112# / Sq.Yd. / In.	112# / Sq.Yd. / In.
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA
SUBLOT SIZE	N/A	N/A
LOCATION(S)	ENTIRE PROJECT	ENTIRE PROJECT



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SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

304 South Indiana Avenue,
Kankakee, Illinois 60901

Project: 20021.0301

Issued: 10.30.20

Drawn by: MRG

Checked by: NAP

Scale: N/A

TYPICAL SECTIONS



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	8
ILLINOIS				



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CITY OF KANKAKEE

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Kankakee, Illinois 60901

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Issued: 10.30.20

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Checked by: NAP

SCHEDULES OF QUANTITIES

PREFORMED THERMOPLASTIC PAVEMENT MARKING ITEMS					
LOCATION					PREF THPL PM LTR-SYM
STATION	OFFSET	TO	STATION	OFFSET	SQ.FT
S. SCHUYLER AVENUE					
7+41.86	LT/RT		11+85.06	LT/RT	111
11+85.06	LT/RT		13+83.97	LT/RT	479
13+83.97	LT/RT		21+04.77	LT/RT	1,391
21+04.77	LT/RT		25+55.99	LT/RT	1,809
25+55.99	LT/RT		30+26.20	LT/RT	1,810
30+26.20	LT/RT		35+25.24	LT/RT	1,722
TOTAL					7,322

THERMOPLASTIC PAVEMENT MARKING ITEMS										
LOCATION					THPL PVT MK LTR & SYM	THPL PVT MK LINE 4	THPL PVT MK LINE 6	THPL PVT MK LINE 8	THPL PVT MK LINE 12	THPL PVT MK LINE 24
STATION	OFFSET	TO	STATION	OFFSET	78000100 SQ FT	78000200 FOOT	78000400 FOOT	78000500 FOOT	78000600 FOOT	78000650 FOOT
S. SCHUYLER AVENUE										
2+50.00	LT/RT		7+20.00	LT/RT	83	487	480		155	
7+20.00	LT/RT		11+85.06	LT/RT	39	1,013	696		426	
11+85.06	LT/RT		13+83.97	LT/RT		1,050	275		174	
13+83.97	LT/RT		20+22.10	LT/RT	BRIDGE OMISSION					
20+22.10	LT/RT		21+04.77	LT/RT	69	102			12	
21+04.77	LT/RT		25+55.98	LT/RT	142	903	1,101	149	240	13
25+55.98	LT/RT		30+26.20	LT/RT		850	1,173		257	29
30+26.20	LT/RT		35+25.24	LT/RT		810	1,289		353	47
TOTAL					333	5,215	5,014	149	1,617	89

POLYUREA PAVEMENT MARKING ITEMS										
LOCATION					POLYUREA PM T1 LTR-SY	POLYUREA PM T1 LN 4	POLYUREA PM T1 LN 6	POLYUREA PM T1 LN 8	POLYUREA PM T1 LN 12	
STATION	OFFSET	TO	STATION	OFFSET	78008200 SQ FT	78008210 FOOT	78008230 FOOT	78008240 FOOT	78008250 FOOT	
S. SCHUYLER AVENUE										
13+83.97	LT/RT		20+36.90	LT/RT	166.7	2,900	1,029	622	29	
TOTAL					167	2,900	1,029	622	29	

PAVEMENT GROOVING ITEMS										
LOCATION					GROOVING FOR RECESSED PAVEMENT MARKING 5"	GROOVING FOR RECESSED PAVEMENT MARKING 7"	GROOVING FOR RECESSED PAVEMENT MARKING 9"	GROOVING FOR RECESSED PAVEMENT MARKING 13"	GROOVING FOR RECESSED PAVEMENT MARKING 25"	
STATION	OFFSET	TO	STATION	OFFSET	78011025 FOOT	78011035 FOOT	78011045 FOOT	78011065 FOOT	78011125 FOOT	
S. SCHUYLER AVENUE										
2+50.00	LT/RT		7+20.00	LT/RT		480				
7+20.00	LT/RT		11+85.06	LT/RT	501	964				
11+85.06	LT/RT		13+83.97	LT/RT	326	527				
13+83.97	LT/RT		21+04.77	LT/RT	1,781	1,532	609	29	111	
21+04.77	LT/RT		22+00.00	LT/RT	51	309		12	67	
TOTAL					2,659	3,812	609	41	178	

REFLECTIVE PAVEMENT MARKER ITEMS						
LOCATION					RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
STATION	OFFSET	TO	STATION	OFFSET	78100100 EACH	78300200 EACH
S. SCHUYLER AVENUE						
2+50.00	LT/RT		9+00.00	LT/RT		16
9+00.00	LT/RT		11+42.98	LT/RT	20	18
11+42.98	LT/RT		21+04.77	LT/RT	120	74
TOTAL					140	108

STORM SEWER ITEMS													
LOCATION				TRENCH BACKFILL	INLET AND PIPE PROTECTION	STORM SEWERS, CLASS A, TYPE 1 12"	STORM SEWERS, CLASS B, TYPE 1 12"	MANHOLES, TYPE A 4'- DIAMETER, TYPE 1 FRAME, CLOSED LID	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	STORM SEWERS (SPECIAL), 6"	STORM SEWER REMOVAL	
STATION	OFFSET	TO	STATION	OFFSET	20800150 CU YD	28000500 EACH	550A0050 FOOT	550B0050 FOOT	60218400 EACH	60240310 EACH	61139900 FOOT	X5510100 FOOT	
S. SCHUYLER AVENUE													
12+21.00	25.32' LT												
12+22.01	24.99' RT												
20+30.68	46.31' RT												
20+37.41	33.33' LT												
21+31.76	43.12' RT												
21+44.73	26.82' RT												
21+61.97	34.54' LT												
25+39.57	42.74' RT								1				
25+39.57	42.74' RT		25+68.00	21.45' RT	5	33							
25+68.00	21.45' RT							1					
25+68.00	18.30' LT		25+68.00	21.45' RT				36					
25+68.00	21.45' RT		25+68.00	25.45' RT				4					
25+68.00	6.99' RT		25+68.00	27.45' RT									21
25+68.00	11.99' RT		25+80.71	21.46' RT									20
25+68.00	21.45' RT		25+80.71	21.46' RT	1			10					
25+68.02	18.30' LT								1				
25+68.02	18.30' LT		25+68.02	22.30' LT				2					10
25+68.02	18.30' LT		25+76.91	18.30' LT	1			5					
25+74.24	15.32' LT		25+84.73	27.03' LT				10					17
25+76.91	18.30' LT									1			
25+76.91	18.30' LT		26+12.79	18.29' LT	1			33					
25+80.71	21.46' RT									1			
25+80.71	21.46' RT		25+84.96	25.69' RT							5		6
26+12.79	18.29' LT									1			
30+38.89	26.67' RT												
30+38.96	18.34' LT		30+38.97	26.34' LT	1			4					
30+38.96	22.34' LT		30+49.64	22.32' LT	1			8					
30+38.89	26.67' RT		30+47.79	26.69' RT	1			6					
30+38.90	22.67' RT		30+38.89	30.67' RT	1			6					10
30+38.97	18.34' LT		30+38.97	26.34' LT	1			6					10
30+38.97	22.34' LT								1				
30+46.60	21.76' RT		30+50.60	21.77' RT									6
30+47.79	26.69' RT									1			
30+48.64	18.97' LT		30+50.04	22.99' LT									6
30+49.64	22.32' LT									1			
30+49.64	22.32' LT		30+79.66	20.08' LT	1			28					
30+79.66	20.08' LT									1			
34+75.91	36.56' RT												
34+75.98	39.96' LT												
TOTAL					14	16	62	129	4	4	3	5	106

TRAFFIC SIGNAL ITEMS						
LOCATION			SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	TRAFFIC SIGNAL BACKPLATE, LOUVERED, PLASTIC	REMOVE EXISTING SIGNAL HEAD
STATION	OFFSET	TO	88030020 EACH	88030050 EACH	88200310 EACH	X8950305 EACH
S. SCHUYLER AVENUE						
20+37.48	LT		1		1	1
21+49.84	RT		1		1	1
21+58.34	LT			1	1	1
TOTAL			2	1	3	3

PREFORMED PLASTIC PAVEMENT MARKING ITEMS						
LOCATION					PREF PL PM TB STAN L6	PF PL PM TB STAN L24
STATION	OFFSET	TO	STATION	OFFSET	78003131 FOOT	78003181 FOOT
S. SCHUYLER AVENUE						
7+41.86	LT/RT		11+85.06	LT/RT	278	
11+85.06	LT/RT		21+04.77	LT/RT	617	111
21+04.77	LT/RT		25+55.99	LT/RT	309	67
TOTAL					1,204	178

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	9
	ILLINOIS			

STORM SEWER STRUCTURE SCHEDULE

1. STA. 25+67.99, 21.45' R
MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID
RIM = 615.67
12" E. FL OUT INV = 612.12
12" W. FL IN INV = 612.12
12" N. FL IN INV = 612.12
12" SE. FL IN INV = 612.12
1-2: 10 LF 12" RCP @ 0.50%
1-3: 33 LF 12" RCP @ 0.50%
1-4: 36 LF 12" RCP @ 0.50%
2. STA. 25+80.71, 21.46' R
INLETS, TYPE B, TYPE 11 FRAME AND GRATE
EOP = 615.20
12" S. FL OUT INV = 612.17
6" NE. FL IN INV = 613.08
3. STA. 25+39.57, 42.74' R
INLETS, TYPE A, TYPE 11 FRAME AND GRATE
EOP = 615.00
12" NW. FL OUT INV = 612.29
4. STA. 25+76.91, 18.30' L
MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID
RIM = 615.35
12" E. FL OUT INV = 612.30
12" W. FL IN INV = 612.30
12" N. FL IN INV = 612.30
4-5: 5 LF 12" RCP @ 0.50%
5. STA. 2576.91, 18.30' L
MANHOLES, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE
EOP = 615.30
12" S. FL OUT INV = 612.33
12" N. FL IN INV = 612.33
12" NW. FL IN INV = 612.33
5-6: 33 LF 12" PVC SDR-26 @ 0.50%
6. STA. 26+12.79, 18.29' L
INLETS, TYPE A, TYPE 11 FRAME AND GRATE
EOP = 615.60
12" S. FL OUT INV = 612.50
7. STA. 30+38.97, 22.34' L
MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID
RIM = 619.62
12" W. FL OUT INV = 616.35
12" E. FL IN INV = 616.35
12" N. FL IN INV = 616.35
7-8: 8 LF 12" RCP @ 0.50%
8. STA. 30+49.64, 22.32' L
INLETS, TYPE B, TYPE 11 FRAME AND GRATE
EOP = 619.50
12" S. FL OUT INV = 616.39
12" N. FL IN INV = 616.39
8-9: 28 LF 12" PVC SDR-26 @ 0.50%
9. STA. 30+79.66, 20.08' L
INLETS, TYPE A, TYPE 11 FRAME AND GRATE
EOP = 619.98
12" S. FL OUT INV = 616.53
10. STA. 30+38.89, 26.67' R
MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID
RIM = 619.95
12" W. FL OUT INV = 616.86
12" E. FL IN INV = 616.86
12" N. FL IN INV = 616.86
10-11: 6 LF 12" RCP @ 0.50%
11. STA. 30+79.66, 20.08' L
INLETS, TYPE A, TYPE 11 FRAME AND GRATE
EOP = 619.80
12" S. FL OUT INV = 616.89

UTILITY CROSSING SCHEDULE

- CR-1. STA. 25+68.00, 10.99' RT
PROPOSED FINISHED GRADE = 615.80
12" STORM BOTTOM = 612.12
EXIST 6" WATER MAIN TOP = 612.49 (VERIFY IN FIELD)
- CR-2. STA. 25+82.06, 22.80' RT
PROPOSED FINISHED GRADE = 615.71
6" STORM BOTTOM = 613.06
EXIST 4" GAS TOP = 613.21 (VERIFY IN FIELD)
- CR-3. STA. 25+53.64, 32.20' RT
PROPOSED FINISHED GRADE = 615.64
12" STORM BOTTOM = 612.04
EXIST STORM TOP = UNKNOWN (VERIFY IN FIELD)
(SIZE AND ELEV UNKNOWN)
- CR-4. STA. 25+82.33, 24.35' LT
PROPOSED FINISHED GRADE = 615.42
12" STORM BOTTOM = 612.16
EXIST 4" GAS TOP = 612.92 (VERIFY IN FIELD)
- CR-5. STA. 25+82.30, 18.30' LT
PROPOSED FINISHED GRADE = 615.41
12" STORM BOTTOM = 612.31
EXIST 4" GAS TOP = 612.92 (VERIFY IN FIELD)
- CR-6. STA. 25+95.67, 18.29' LT
PROPOSED FINISHED GRADE = 615.40
12" STORM BOTTOM = 612.38
EXIST WATER MAIN TOP = 611.40 (VERIFY IN FIELD)
12" STORM TO BE WATER MAIN QUALITY PVC
- CR-7. STA. 25+68.02, 13.36' LT
PROPOSED FINISHED GRADE = 615.44
12" STORM BOTTOM = 612.29
EXIST 6" WATER MAIN TOP = 610.94 (VERIFY IN FIELD)
12" STORM TO BE WATER MAIN QUALITY PVC
- CR-8. STA. 30+38.90, 24.42' RT
PROPOSED FINISHED GRADE = 619.97
12" STORM BOTTOM = 616.82 (VERIFY IN FIELD)
EXIST 2" GAS MAIN TOP = 617.47 (VERIFY IN FIELD)
EXIST ELEC TOP = 617.97
- CR-9. STA. 30+51.39, 22.19' LT
PROPOSED FINISHED GRADE = 619.43
12" STORM BOTTOM = 616.35
EXIST 12" WATER MAIN TOP = 614.93 (VERIFY IN FIELD)
12" STORM TO BE WATER MAIN QUALITY PVC
- CR-10. STA. 30+68.08, 20.94' LT
PROPOSED FINISHED GRADE = 619.90
12" STORM BOTTOM = 616.44
EXIST 6" WATER MAIN TOP = 615.40 (VERIFY IN FIELD)
12" STORM TO BE WATER MAIN QUALITY PVC

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586 William Latham Drive, Suite 8
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F 815.614.3735

Rev	Issued	Description
1	06.28.21	per IDOT Review
2	10.11.21	per IDOT Review
3	10.29.21	per IDOT Review

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SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

304 South Indiana Avenue,
Kankakee, Illinois 60901

Project: 20021.0301

Issued: 10.30.20

Drawn by: MRG

Checked by: NAP

STORM SEWER STRUCTURE & UTILITY CROSSING SCHEDULES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	10
		ILLINOIS		



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SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

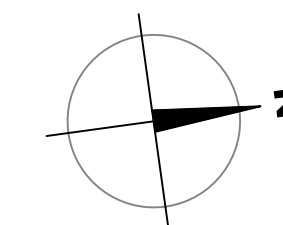
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Kankakee, Illinois 60901

Project: 20021.0301

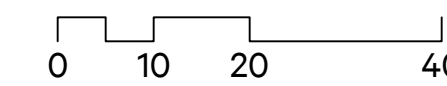
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Drawn by: MRG

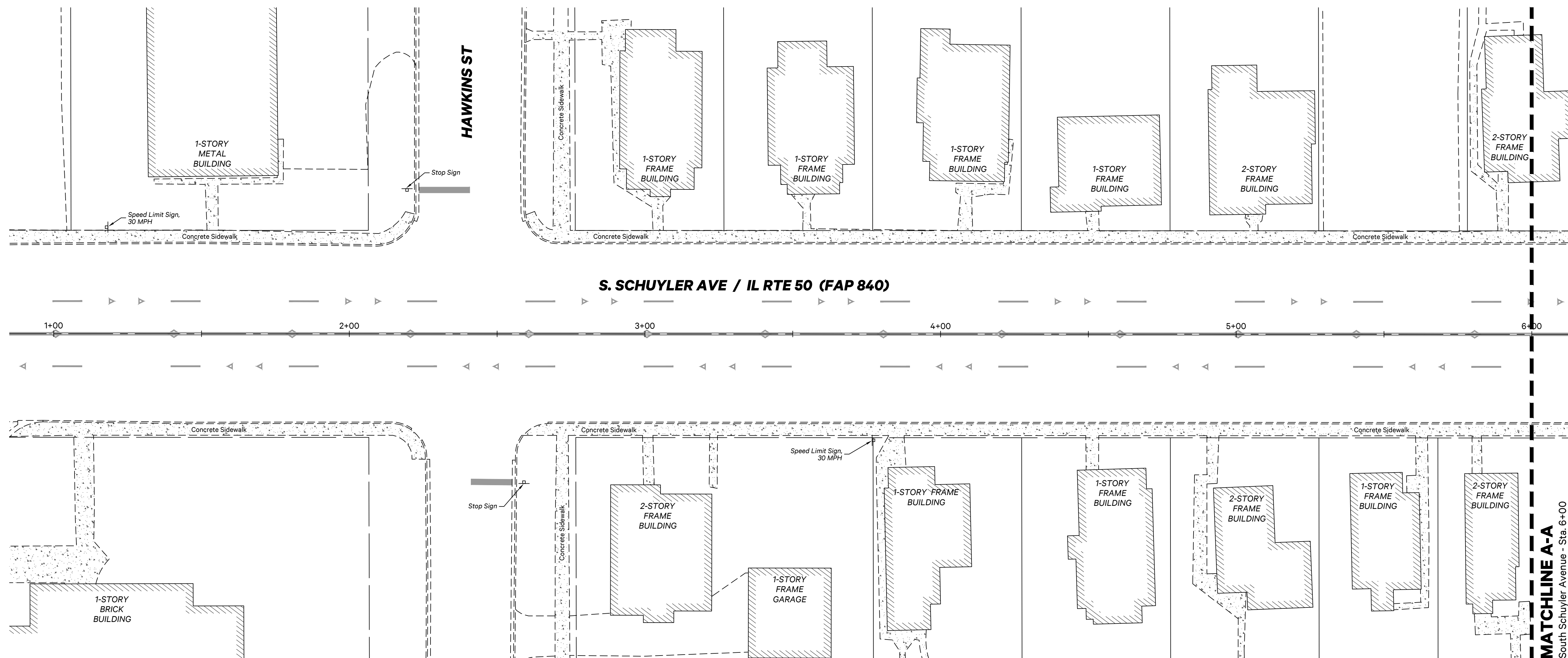
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Scale: 1"=20'



EXISTING CONDITIONS



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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	11
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SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

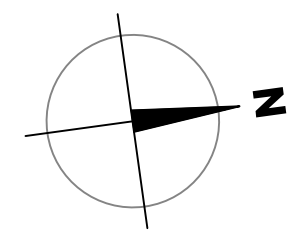
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Kankakee, Illinois 60901

Project: 20021.0301

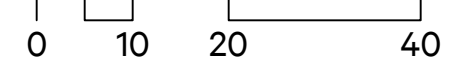
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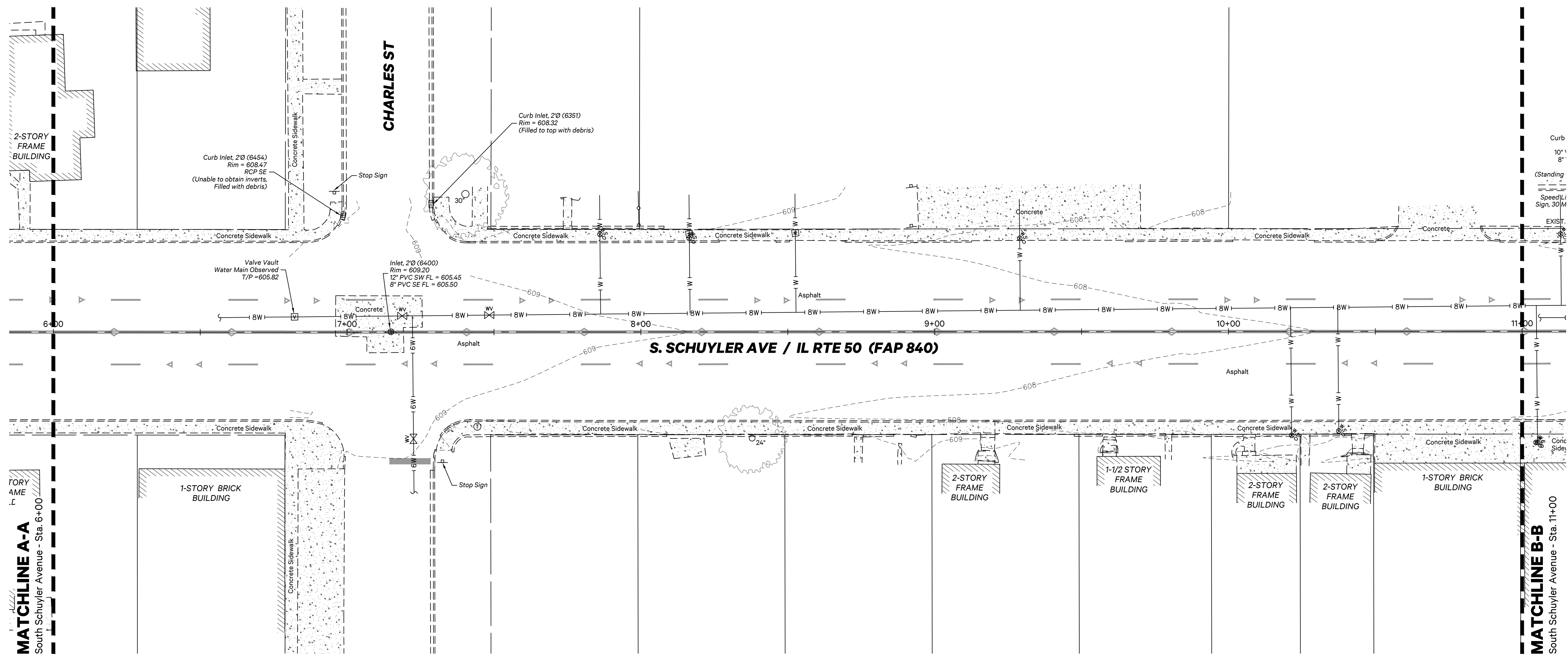
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Scale: 1"=20'



EXISTING CONDITIONS



MATCHLINE A-A
South Schuyler Avenue - Sta. 6+00

MATCHLINE B-B
South Schuyler Avenue - Sta. 11+00



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	12
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SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

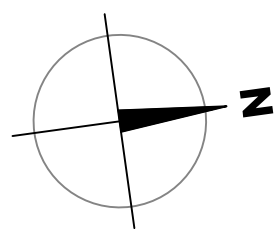
304 South Indiana Avenue,
Kankakee, Illinois 60901

Project: 20021.0301

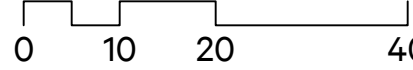
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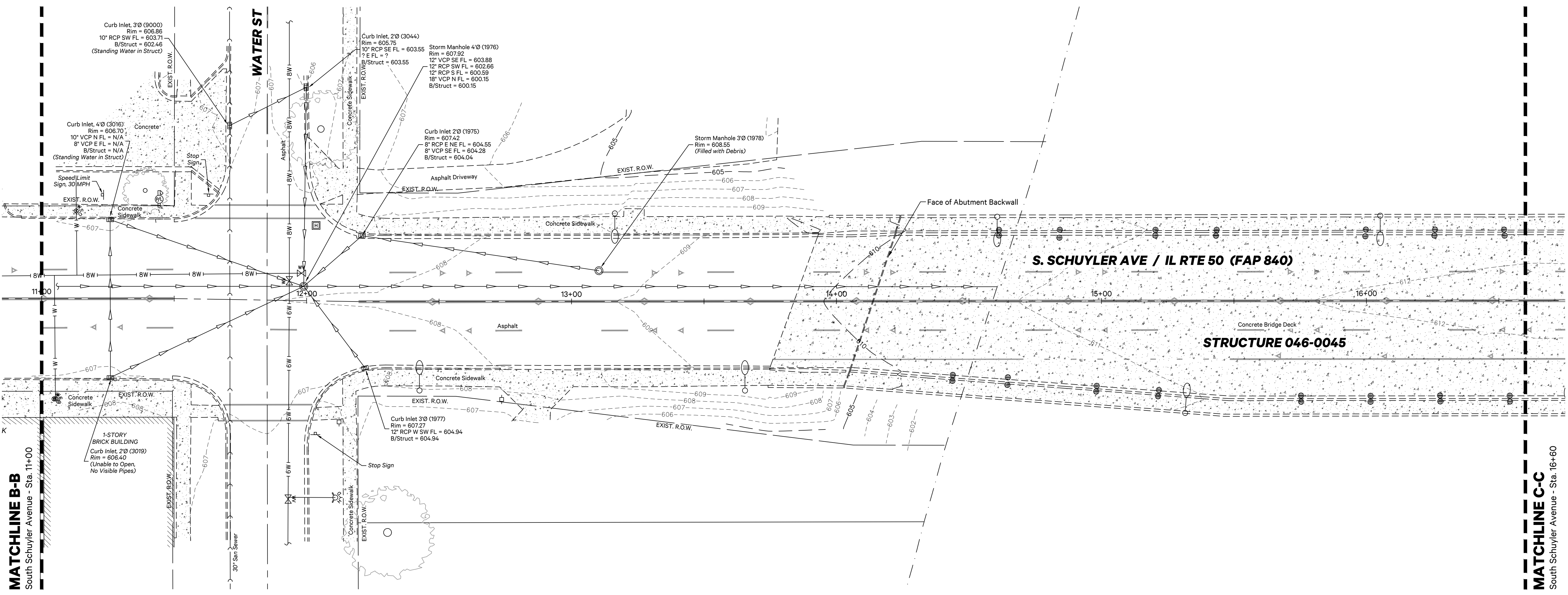
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EXISTING CONDITIONS



MATCHLINE B-B
South Schuyler Avenue - Sta. 11+00

MATCHLINE C-C
South Schuyler Avenue - Sta. 16+60

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	13
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SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

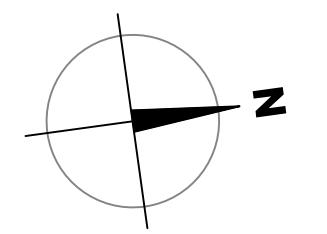
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Kankakee, Illinois 60901

Project: 20021.0301

Issued: 10.30.20

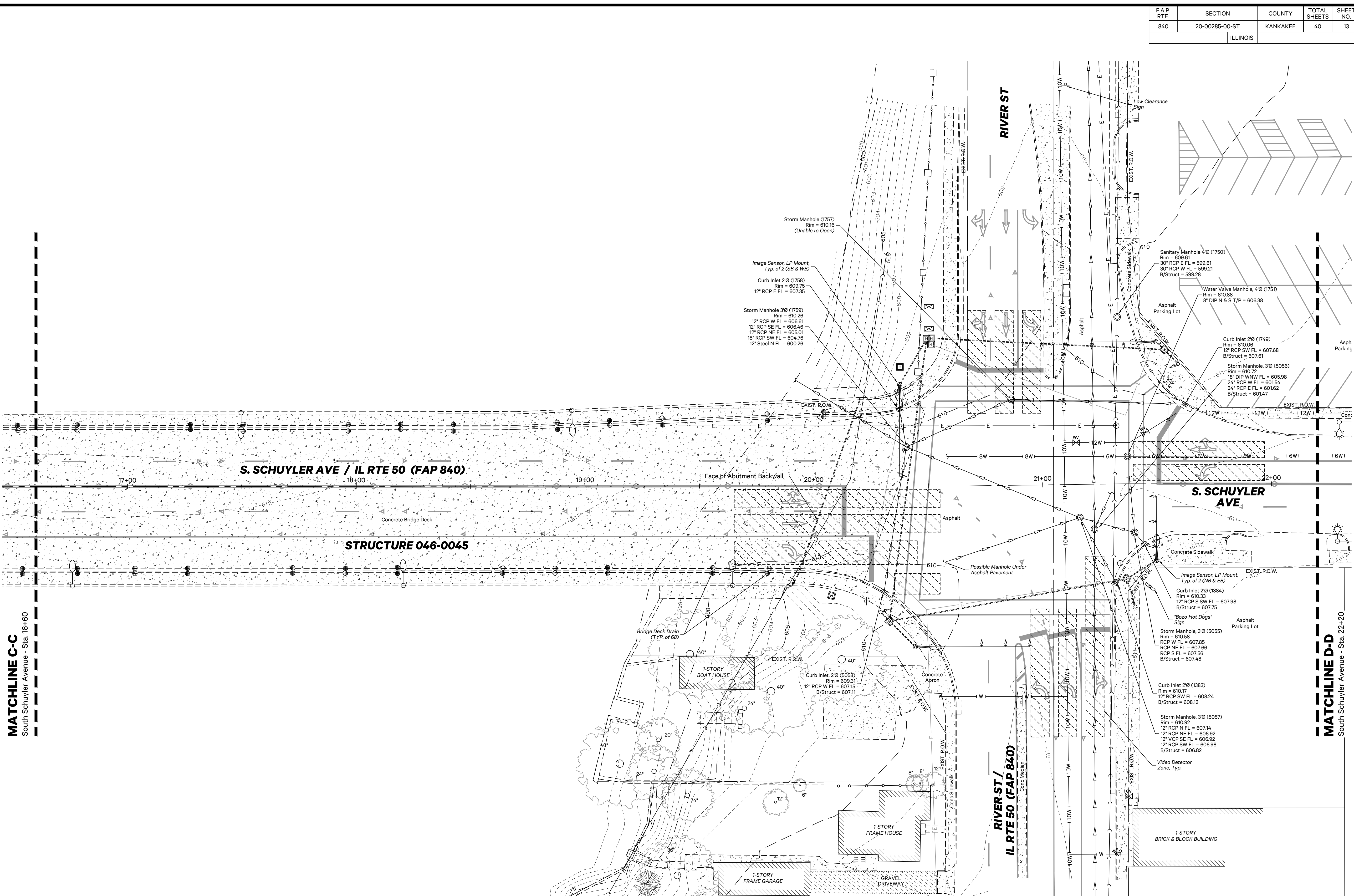
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840	20-00285-00-ST	KANKAKEE	40	14
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SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

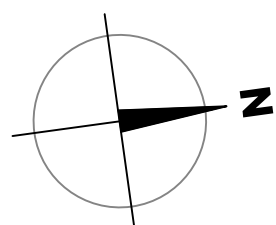
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Kankakee, Illinois 60901

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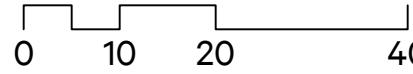
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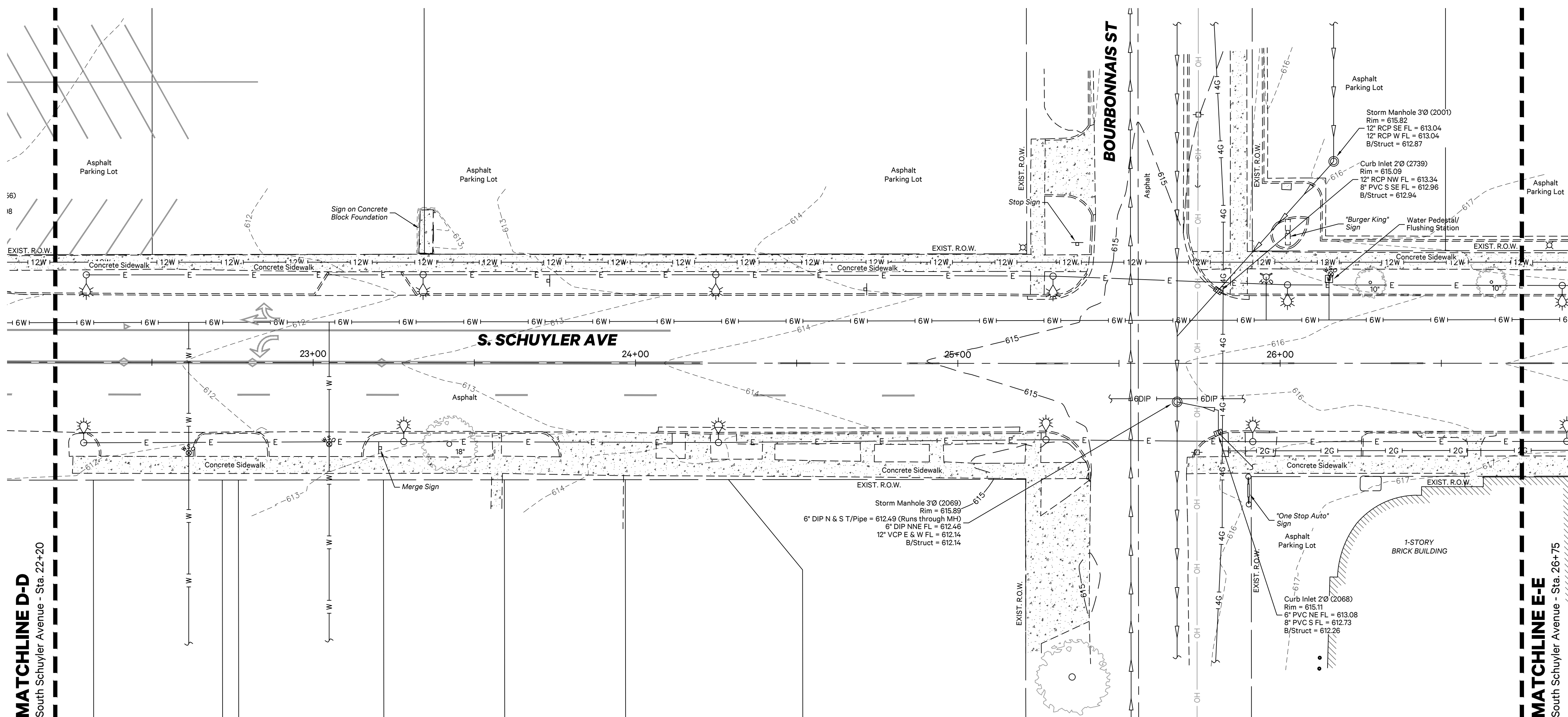
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EXISTING CONDITIONS



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	15
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SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

South Schuyler Avenue
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CITY OF KANKAKEE

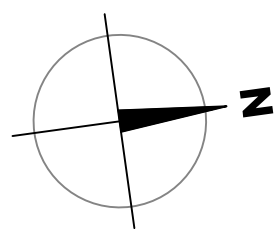
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Kankakee, Illinois 60901

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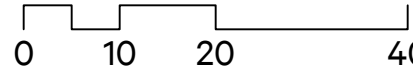
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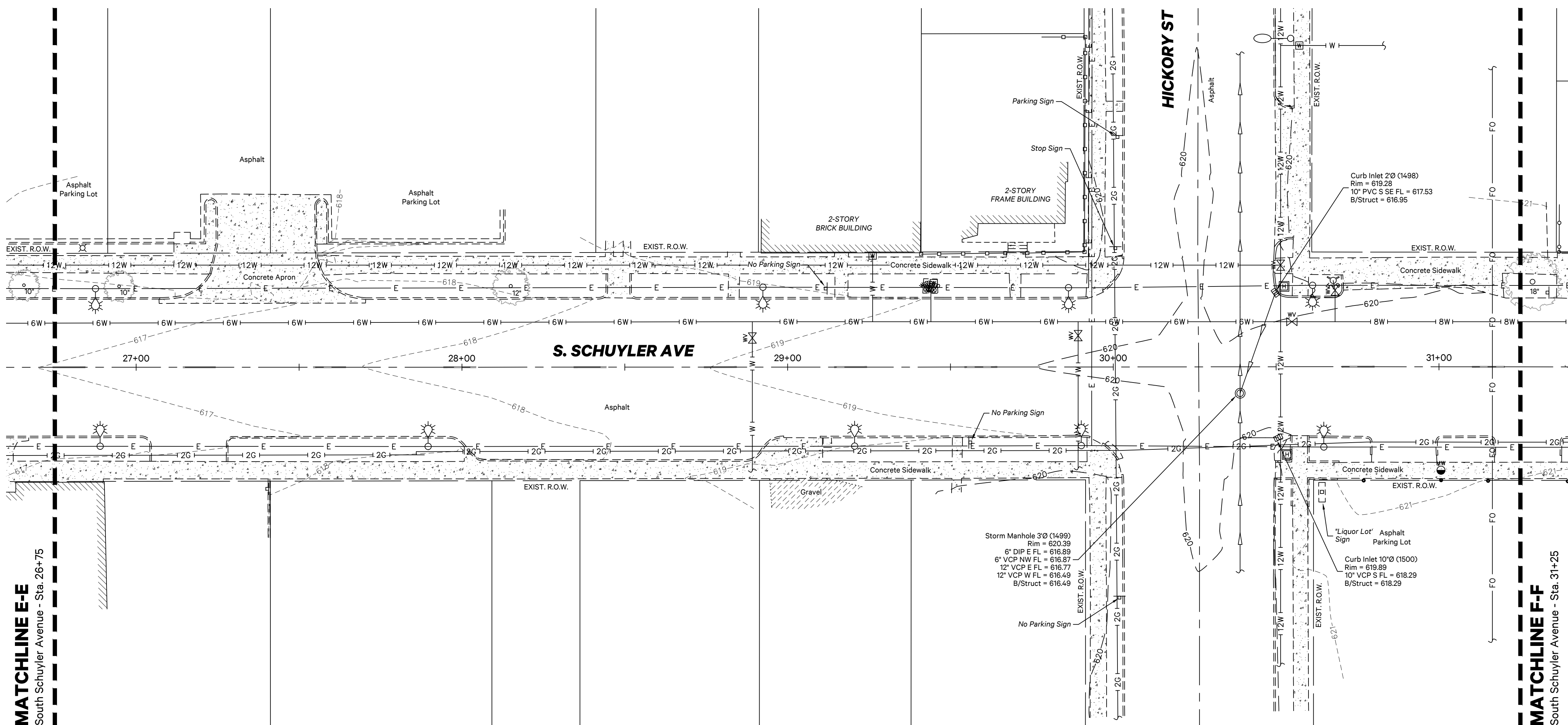
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Scale: 1"=20'



EXISTING CONDITIONS



MATCHLINE E-E
South Schuyler Avenue - Sta. 26+75

MATCHLINE F-F
South Schuyler Avenue - Sta. 31+25



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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	16
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SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

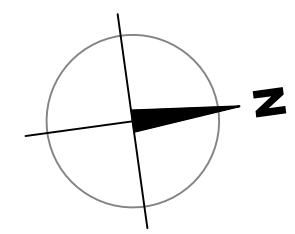
304 South Indiana Avenue,
Kankakee, Illinois 60901

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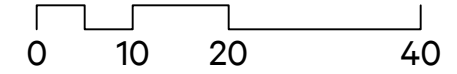
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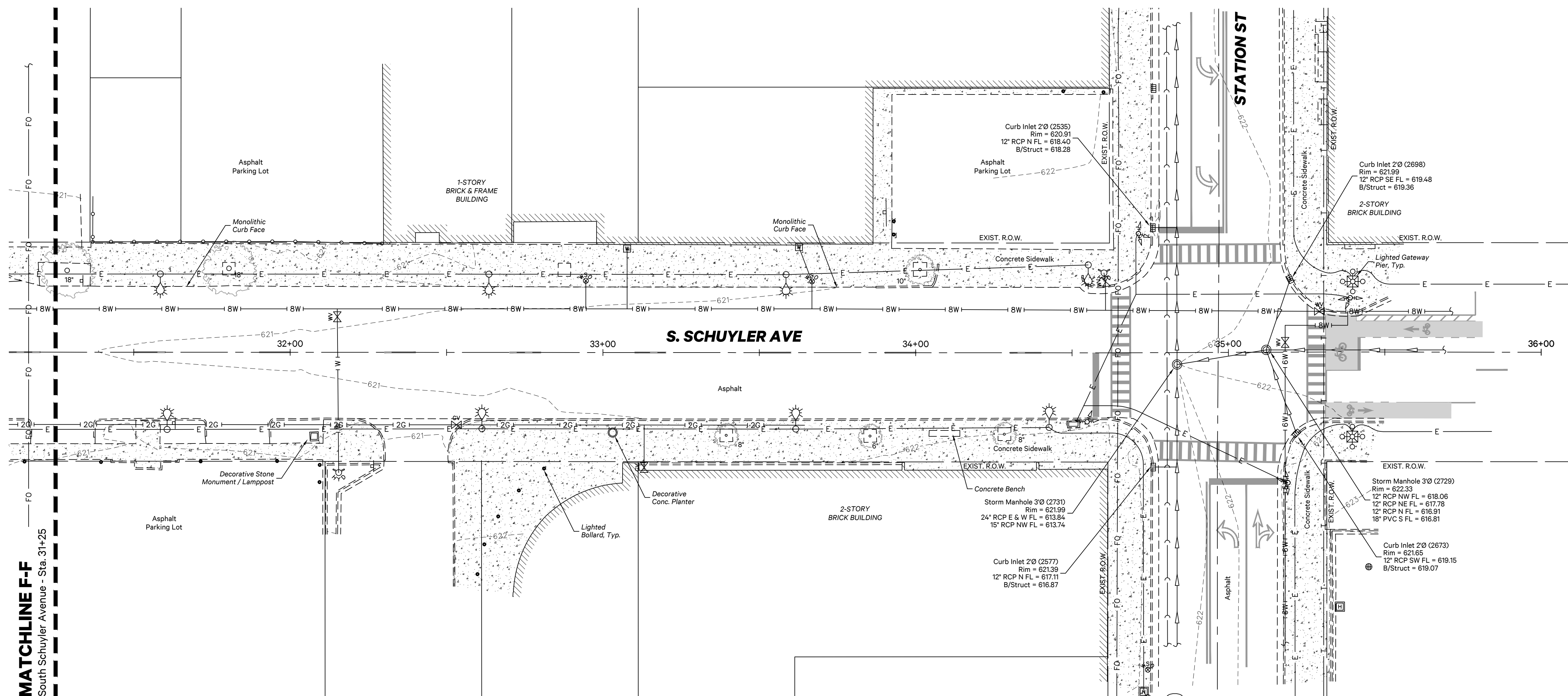
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EXISTING CONDITIONS



MATCHLINE F-F
South Schuyler Avenue - Sta. 31+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	17
		ILLINOIS		



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SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

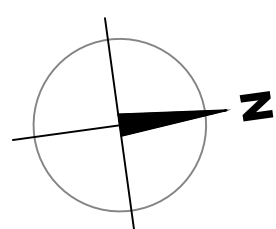
304 South Indiana Avenue,
Kankakee, Illinois 60901

Project: 20021.0301

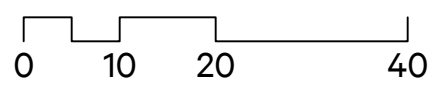
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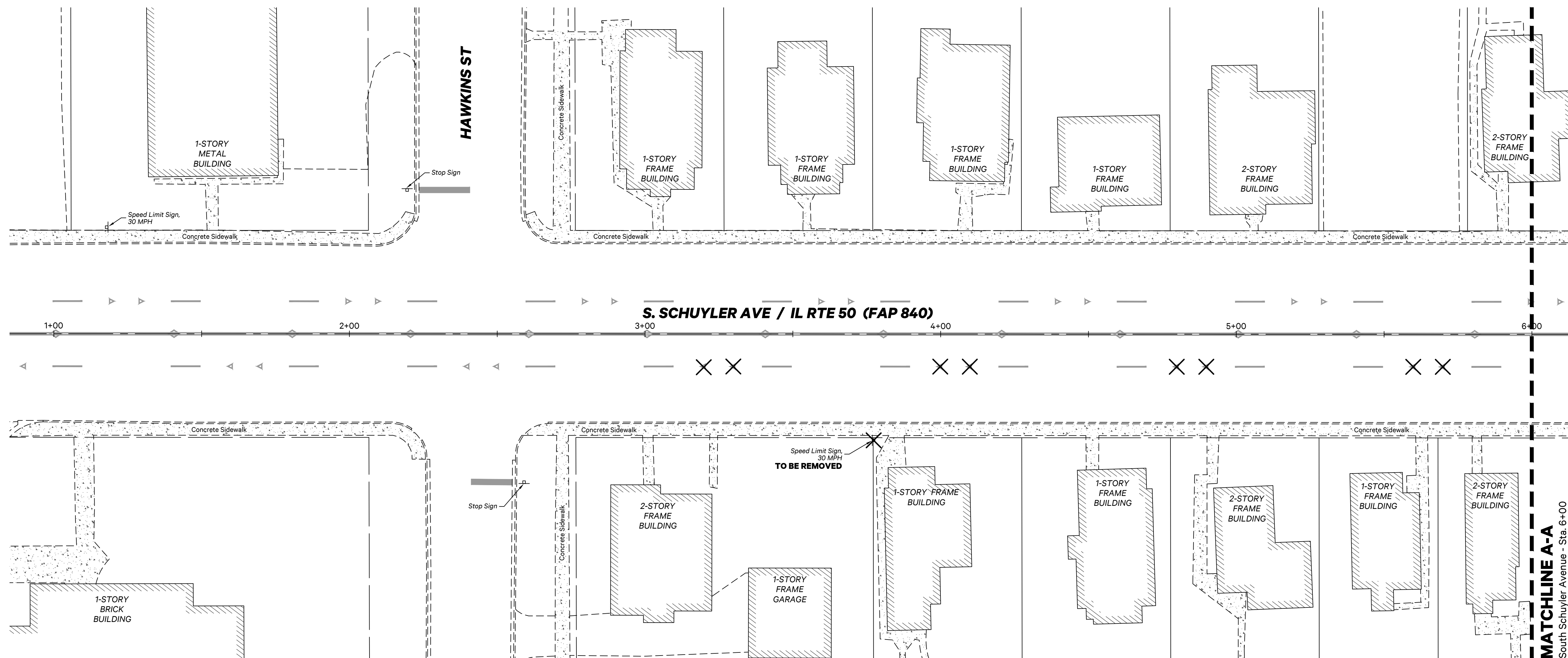
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REMOVALS PLAN

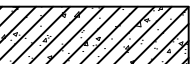
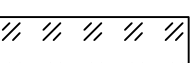
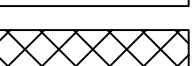
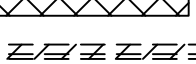
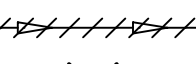



NOTE

Any waste generated as a special waste or a waste not certified as a non-special waste from this project should be manifested off-site using the IEPA Bureau of Land generator number associated IDOT right-of-way in the affected county. **The IEPA generator number for IDOT right-of-way in Kankakee County is 0918995003.**

SYMBOLS & LEGEND

Removals

-  PCC Sidewalk Removal
-  Bituminous Pavement Milling, 1-1/2" Depth
-  Bituminous Pavement Removal, Full Depth
-  Concrete Curb and Gutter Removal
-  Storm Sewer Removal
-  Remove Object

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	18
		ILLINOIS		



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SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

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Kankakee, Illinois 60901

CITY OF KANKAKEE

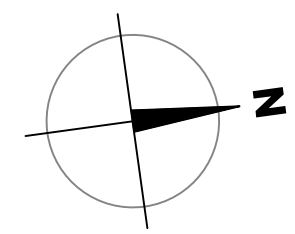
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Kankakee, Illinois 60901

Project: 20021.0301

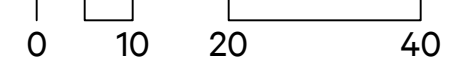
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Drawn by: MRG

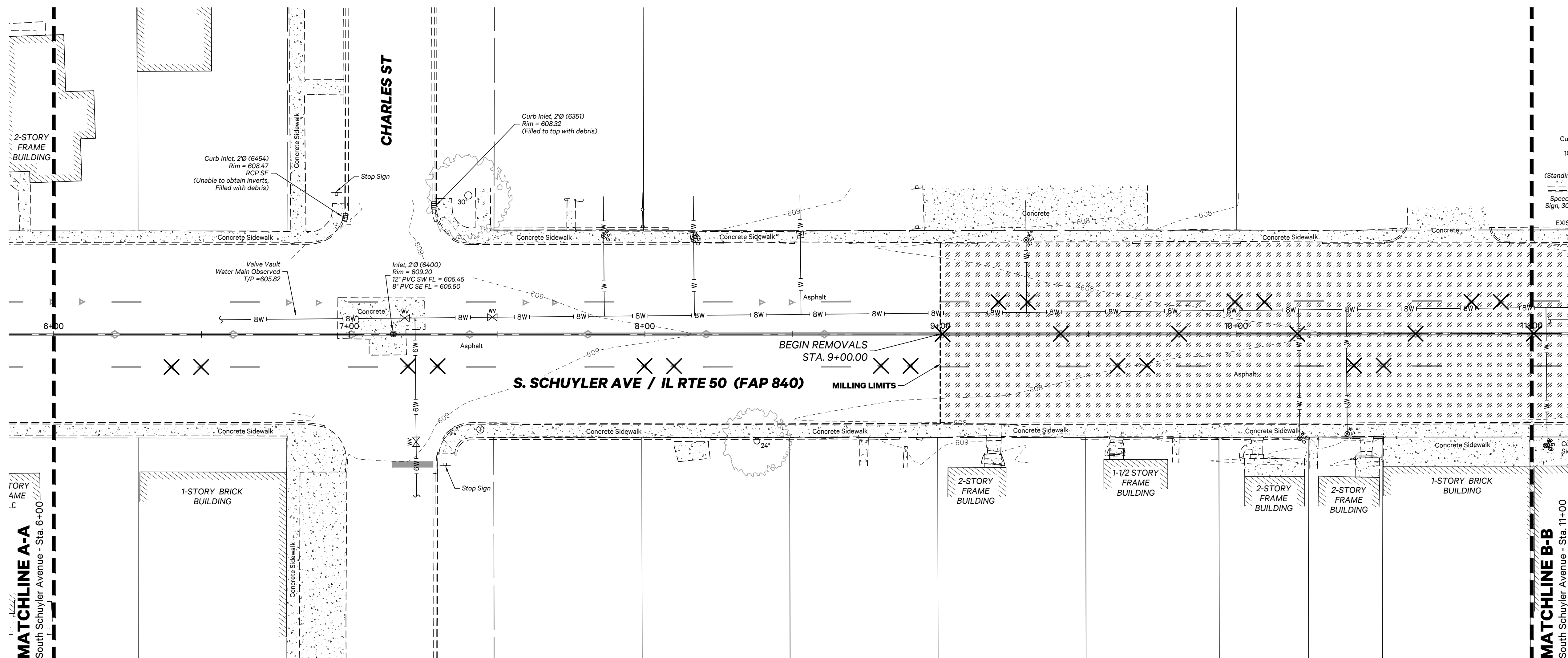
Checked by: NAP



Scale: 1"=20'



REMOVALS PLAN



NOTE

Any waste generated as a special waste or a waste not certified as a non-special waste from this project should be manifested off-site using the IEPA Bureau of Land generator number associated IDOT right-of-way in Kankakee County. **The IEPA generator number for IDOT right-of-way in Kankakee County is 0918995003.**

SYMBOLS & LEGEND

- Removals**
- PCC Sidewalk Removal
 - Bituminous Pavement Milling, 1-1/2' Depth
 - Bituminous Pavement Removal, Full Depth
 - Concrete Curb and Gutter Removal
 - Storm Sewer Removal
 - Remove Object

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	19
		ILLINOIS		



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Rev	Issued	Description
1	06.28.21	per IDOT Review
2	10.11.21	per IDOT Review
3	10.29.21	per IDOT Review

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SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

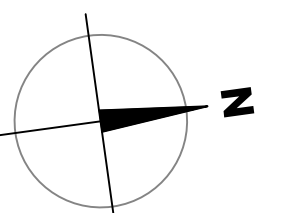
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Kankakee, Illinois 60901

Project: 20021.0301

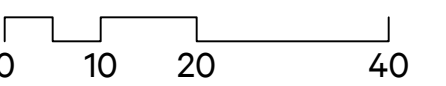
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Drawn by: MRG

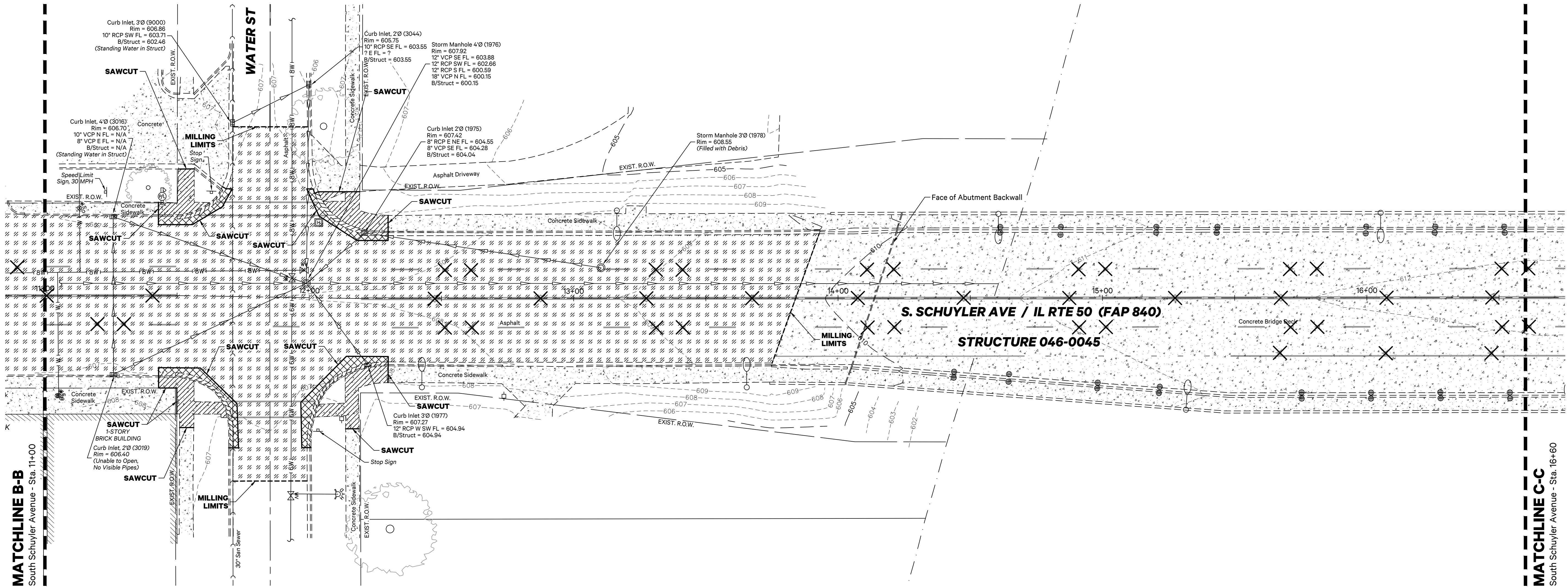
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Scale: 1"=20'



REMOVALS PLAN



NOTE

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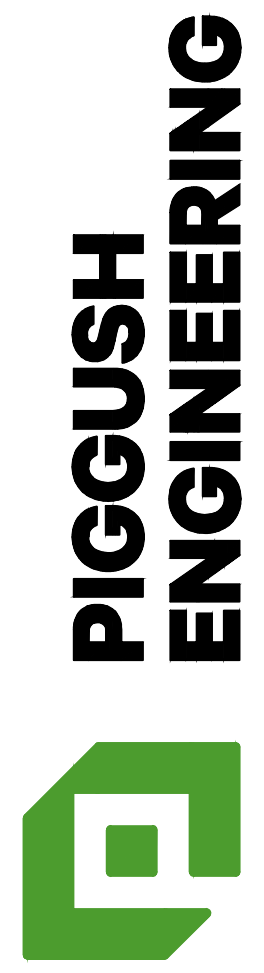
SYMBOLS & LEGEND

Removals

- PCC Sidewalk Removal
- Bituminous Pavement Milling, 1-1/2' Depth
- Bituminous Pavement Removal, Full Depth
- Concrete Curb and Gutter Removal
- Storm Sewer Removal
- Remove Object



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	20
ILLINOIS				



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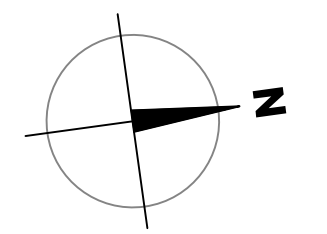
SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

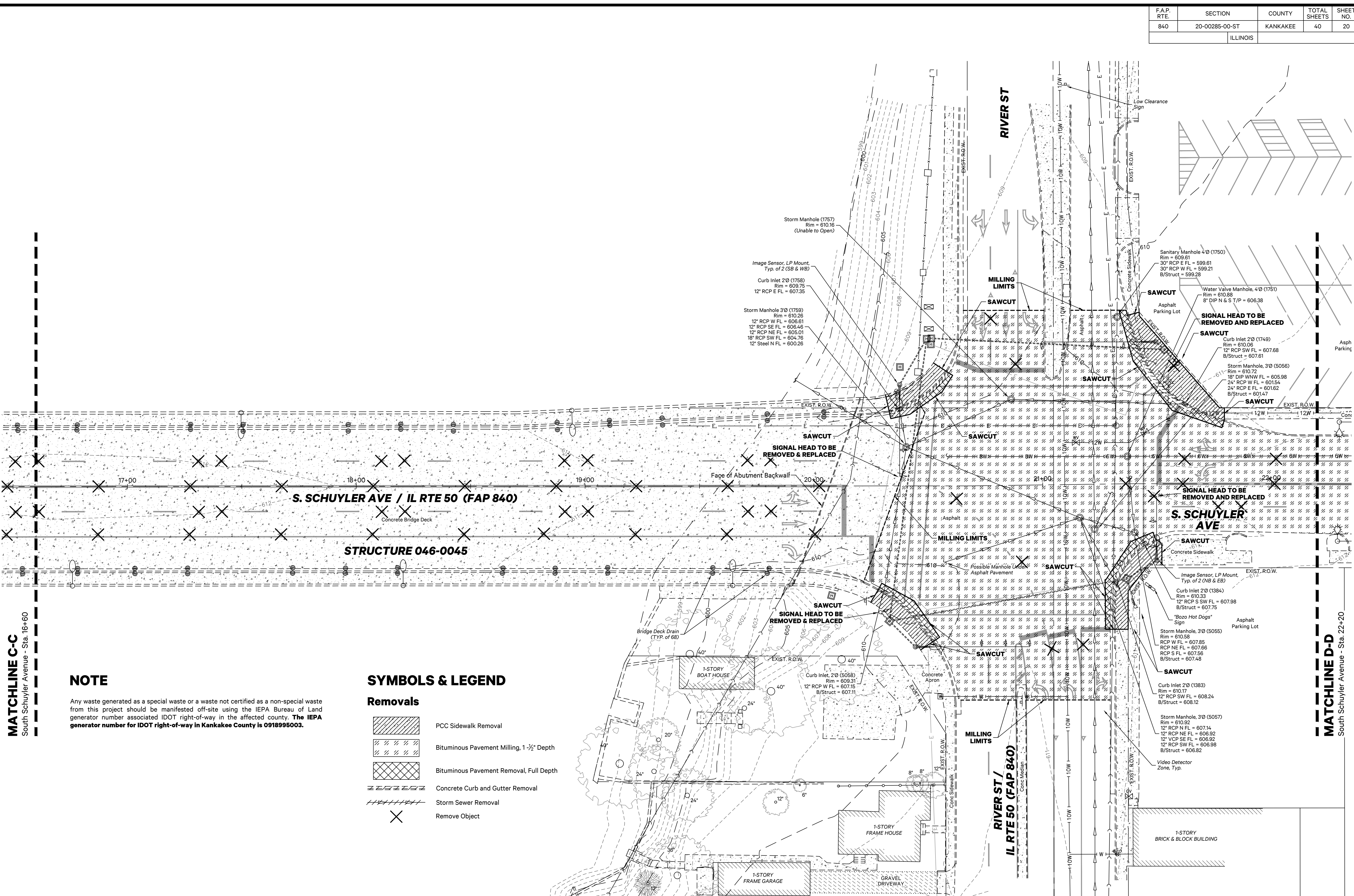
304 South Indiana Avenue,
Kankakee, Illinois 60901

Project: 20021.0301
Issued: 10.30.20
Drawn by: MRG
Checked by: NAP



Scale: 1"=20'
0 10 20 40

REMOVALS PLAN



MATCHLINE C-C
South Schuyler Avenue - Sta. 16+60

MATCHLINE D-D
South Schuyler Avenue - Sta. 22+20

NOTE
Any waste generated as a special waste or a waste not certified as a non-special waste from this project should be manifested off-site using the IEPA Bureau of Land generator number associated IDOT right-of-way in the affected county. **The IEPA generator number for IDOT right-of-way in Kankakee County is 091895003.**

SYMBOLS & LEGEND

Removals

	PCC Sidewalk Removal
	Bituminous Pavement Milling, 1-1/2" Depth
	Bituminous Pavement Removal, Full Depth
	Concrete Curb and Gutter Removal
	Storm Sewer Removal
	Remove Object

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	21
		ILLINOIS		



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SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

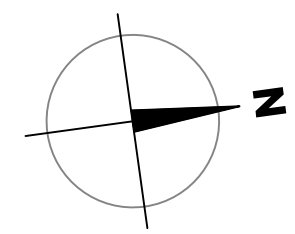
304 South Indiana Avenue,
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Project: 20021.0301

Issued: 10.30.20

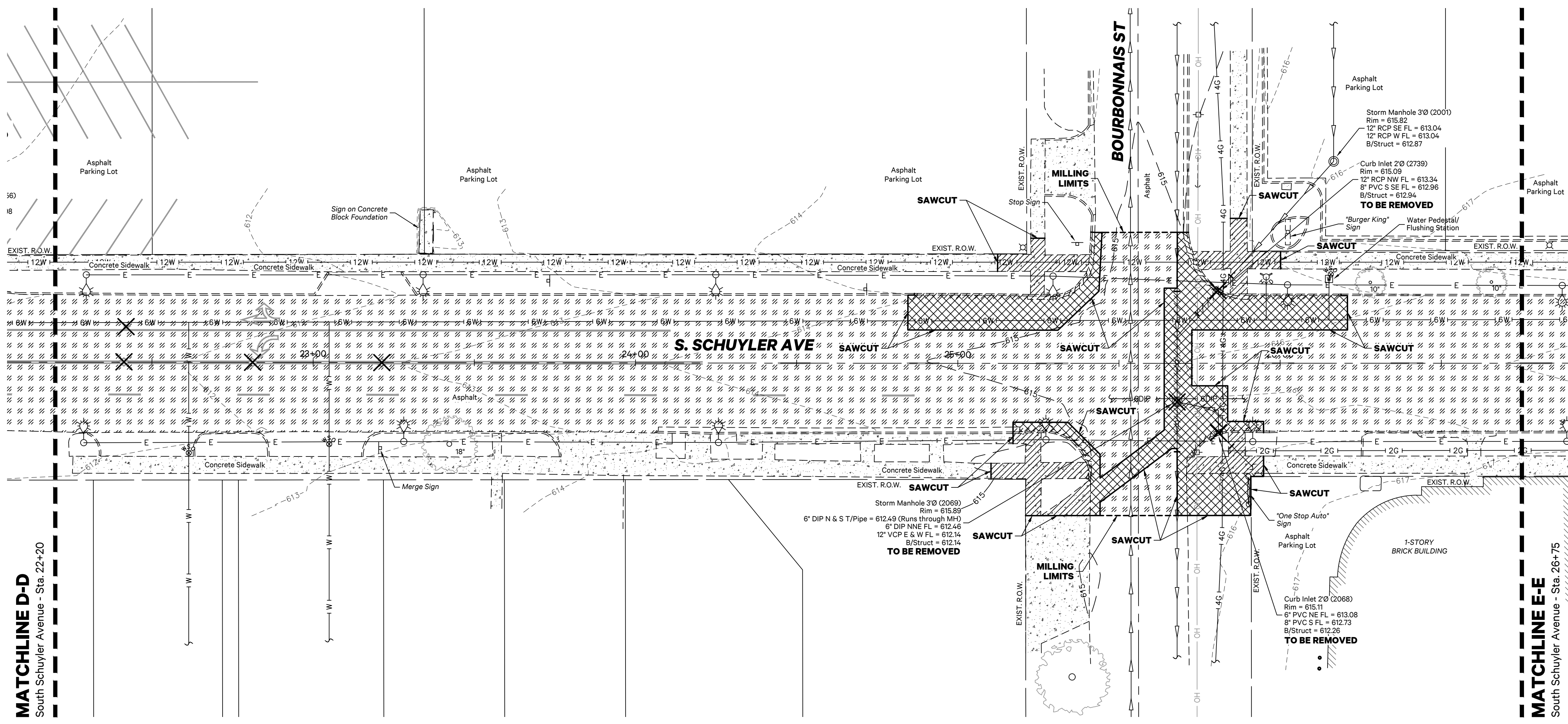
Drawn by: MRG

Checked by: NAP



Scale: 1"=20'
0 10 20 40

REMOVALS PLAN



SYMBOLS & LEGEND

Removals

- PCC Sidewalk Removal
- Bituminous Pavement Milling, 1'-1/2" Depth
- Bituminous Pavement Removal, Full Depth
- Concrete Curb and Gutter Removal
- Storm Sewer Removal
- Remove Object

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	22
		ILLINOIS		



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SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

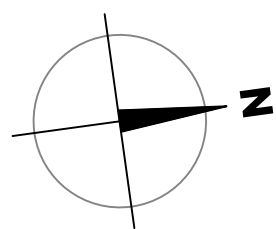
304 South Indiana Avenue,
Kankakee, Illinois 60901

Project: 20021.0301

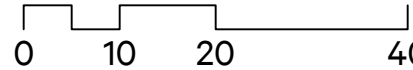
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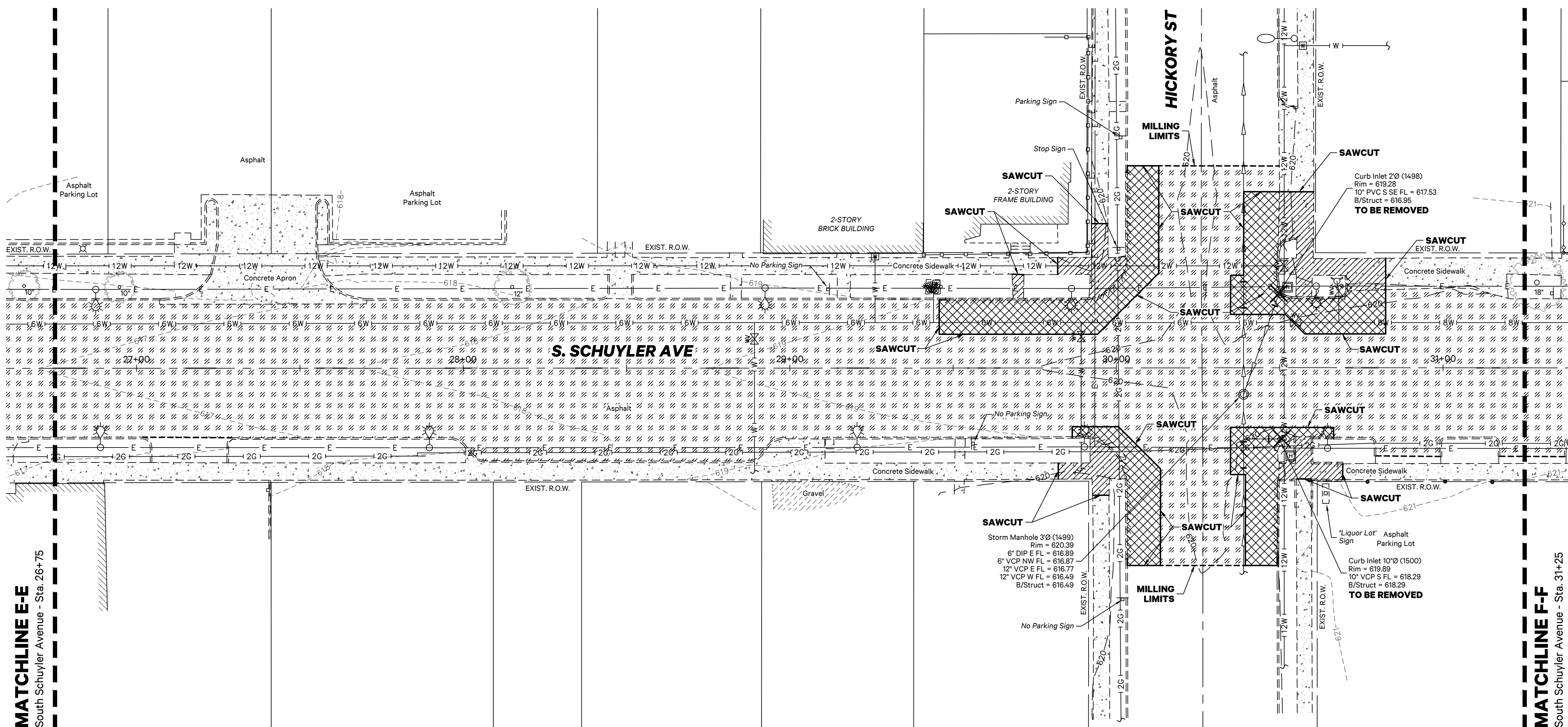
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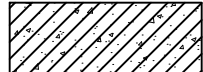
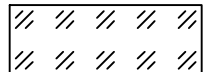

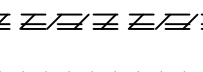




REMOVALS PLAN



SYMBOLS & LEGEND

Removals

-  PCC Sidewalk Removal
-  Bituminous Pavement Milling, 1-1/2" Depth
-  Bituminous Pavement Removal, Full Depth
-  Concrete Curb and Gutter Removal
-  Storm Sewer Removal
-  Remove Object



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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	23
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SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

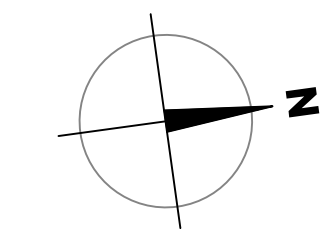
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Kankakee, Illinois 60901

Project: 20021.0301

Issued: 10.30.20

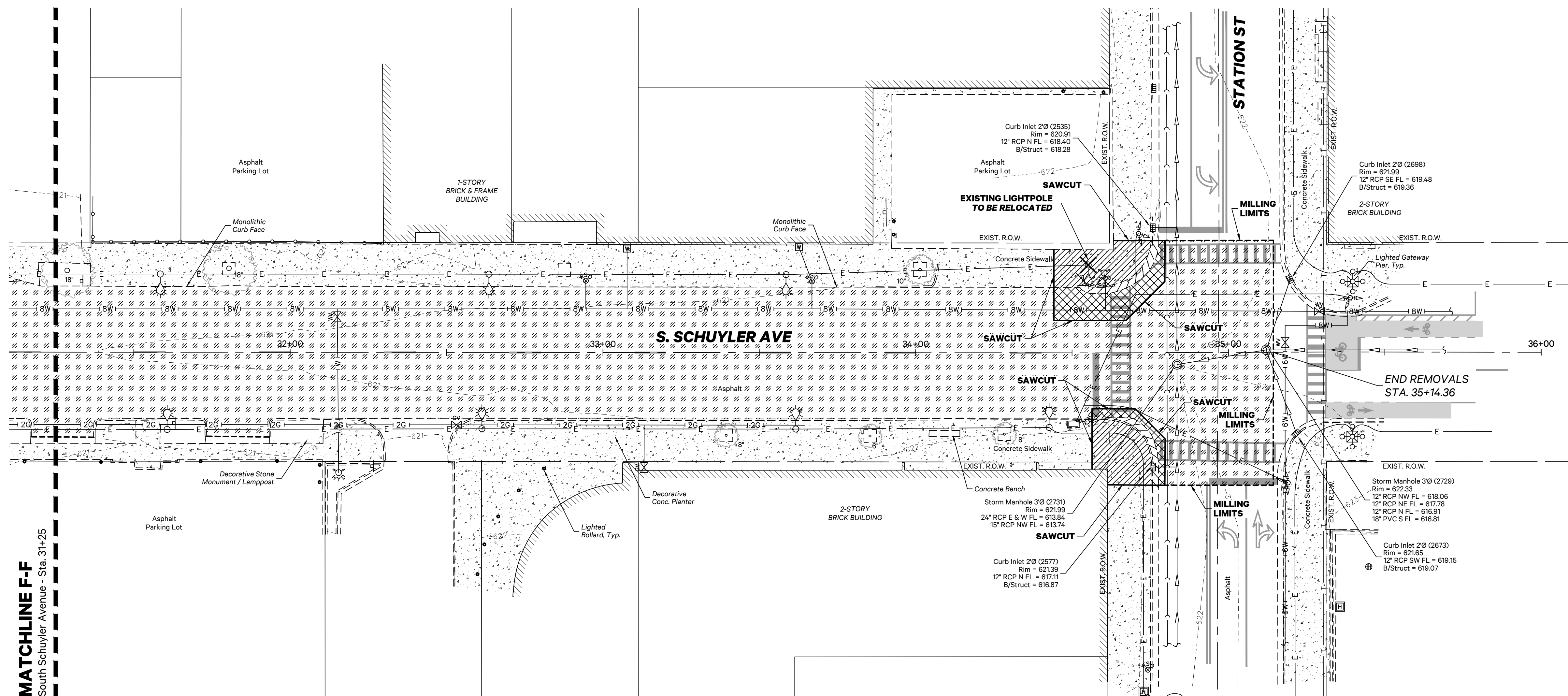
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Checked by: NAP




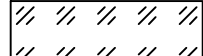

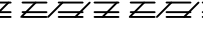


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REMOVALS PLAN



SYMBOLS & LEGEND

Removals

-  PCC Sidewalk Removal
-  Bituminous Pavement Milling, 1'-1/2' Depth
-  Bituminous Pavement Removal, Full Depth
-  Concrete Curb and Gutter Removal
-  Storm Sewer Removal
-  Remove Object

MATCHLINE F-F
South Schuyler Avenue - Sta. 31+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	24
		ILLINOIS		



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SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

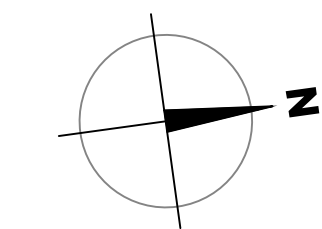
304 South Indiana Avenue,
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Project: 20021.0301

Issued: 10.30.20

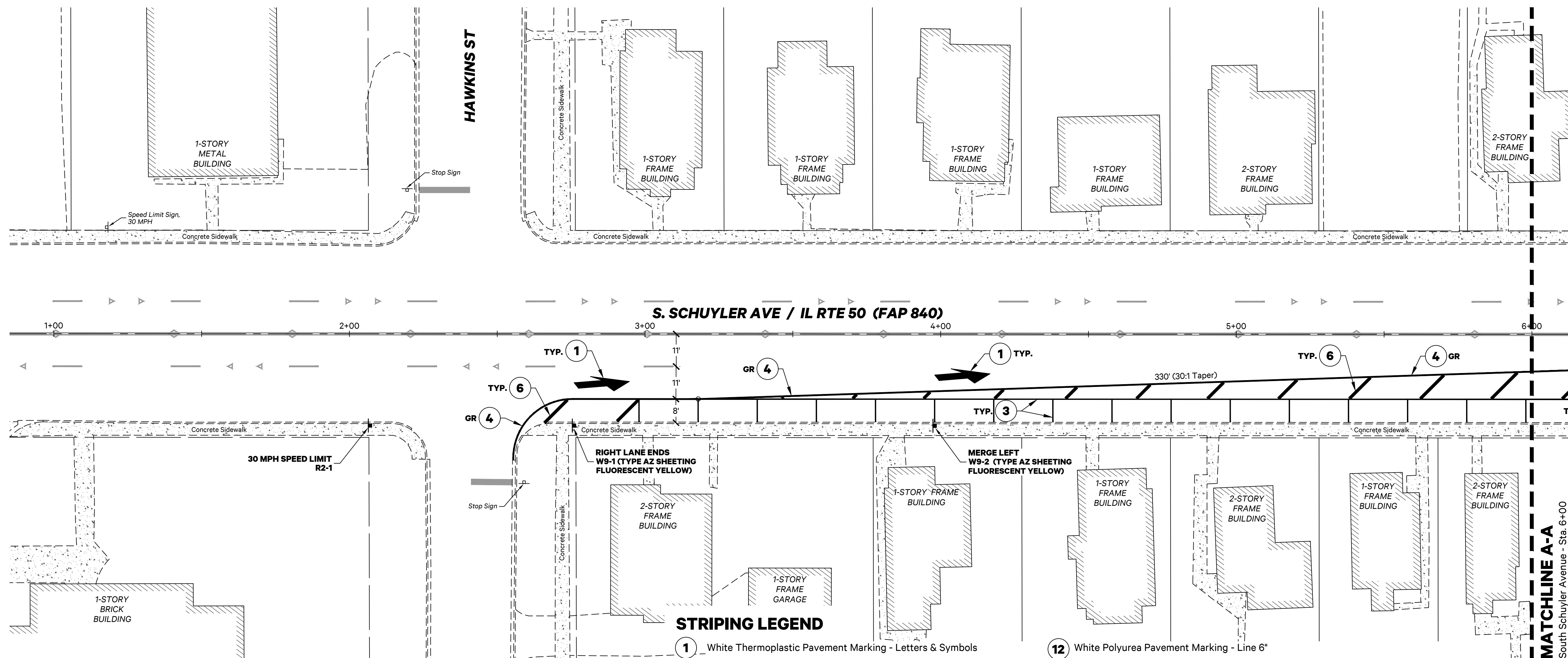
Drawn by: MRG

Checked by: NAP



Scale: 1"=20'
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GEOMETRIC & PAVEMENT MARKING PLAN



STRIPING LEGEND

- 1 White Thermoplastic Pavement Marking - Letters & Symbols
- 2 Double Yellow Thermoplastic Pavement Marking - Line 4"
- 3 White Thermoplastic Pavement Marking - Line 4"
- 4 White Thermoplastic Pavement Marking - 6"
- 5 White Thermoplastic Pavement Marking - Line 8"
- 6 White Thermoplastic Pavement Marking - Line 12"
- 7 Yellow Thermoplastic Pavement Marking - Line 12"
- 8 White Thermoplastic Pavement Marking - Line 24"
- 9 White Preformed Thermoplastic Pavement Marking - Letters & Symbols
- 10 Double Yellow Polyurea Pavement Marking - Line 4"
- 11 White Polyurea Pavement Marking - Line 4"
- 12 White Polyurea Pavement Marking - Line 6"
- 13 White Polyurea Pavement Marking - Line 8"
- 14 Yellow Polyurea Pavement Marking - Line 12"
- 15 White Preformed Thermoplastic Pavement Marking - Line 24"
- 16 White Preformed Thermoplastic Pavement Marking - Bike Symbols
- 17 White Preformed Thermoplastic Pavement Marking - Bike Lane Arrows
- 18 Green Preformed Thermoplastic Pavement Marking - Letters & Symbols
- 19 White Preformed Plastic Type B - Line 6"
- 20 White Preformed Plastic Type B - Line 24"
- 21 White Polyurea Pavement Marking - Letters & Symbols

NOTE

1. Striping callouts with GR shall be grooved

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	25
		ILLINOIS		



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SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

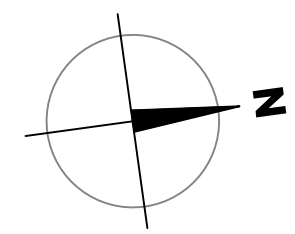
304 South Indiana Avenue,
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Project: 20021.0301

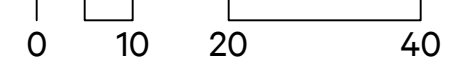
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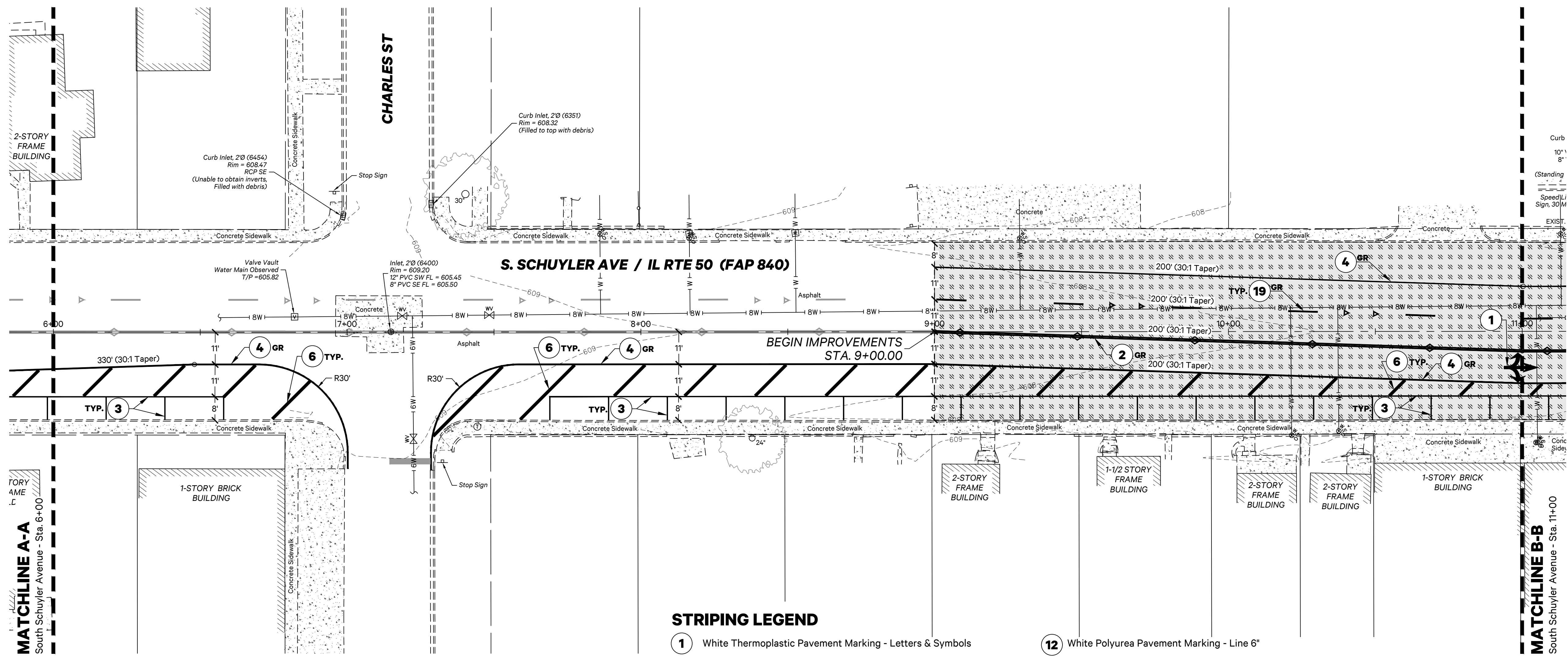
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Scale: 1"=20'



GEOMETRIC & PAVEMENT MARKING PLAN



STRIPING LEGEND

- 1 White Thermoplastic Pavement Marking - Letters & Symbols
- 2 Double Yellow Thermoplastic Pavement Marking - Line 4"
- 3 White Thermoplastic Pavement Marking - Line 4"
- 4 White Thermoplastic Pavement Marking - 6"
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- 6 White Thermoplastic Pavement Marking - Line 12"
- 7 Yellow Thermoplastic Pavement Marking - Line 12"
- 8 White Thermoplastic Pavement Marking - Line 24"
- 9 White Preformed Thermoplastic Pavement Marking - Letters & Symbols
- 10 Double Yellow Polyurea Pavement Marking - Line 4"
- 11 White Polyurea Pavement Marking - Line 4"
- 12 White Polyurea Pavement Marking - Line 6"
- 13 White Polyurea Pavement Marking - Line 8"
- 14 Yellow Polyurea Pavement Marking - Line 12"
- 15 White Preformed Thermoplastic Pavement Marking - Line 24"
- 16 White Preformed Thermoplastic Pavement Marking - Bike Symbols
- 17 White Preformed Thermoplastic Pavement Marking - Bike Lane Arrows
- 18 Green Preformed Thermoplastic Pavement Marking - Letters & Symbols
- 19 White Preformed Plastic Type B - Line 6"
- 20 White Preformed Plastic Type B - Line 24"
- 21 White Polyurea Pavement Marking - Letters & Symbols

NOTE

1. Striping callouts with GR shall be grooved

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	26
		ILLINOIS		



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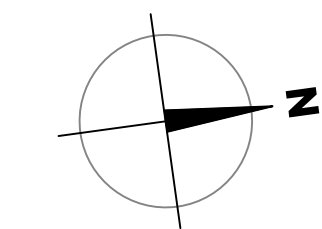
304 South Indiana Avenue,
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Project: 20021.0301

Issued: 10.30.20

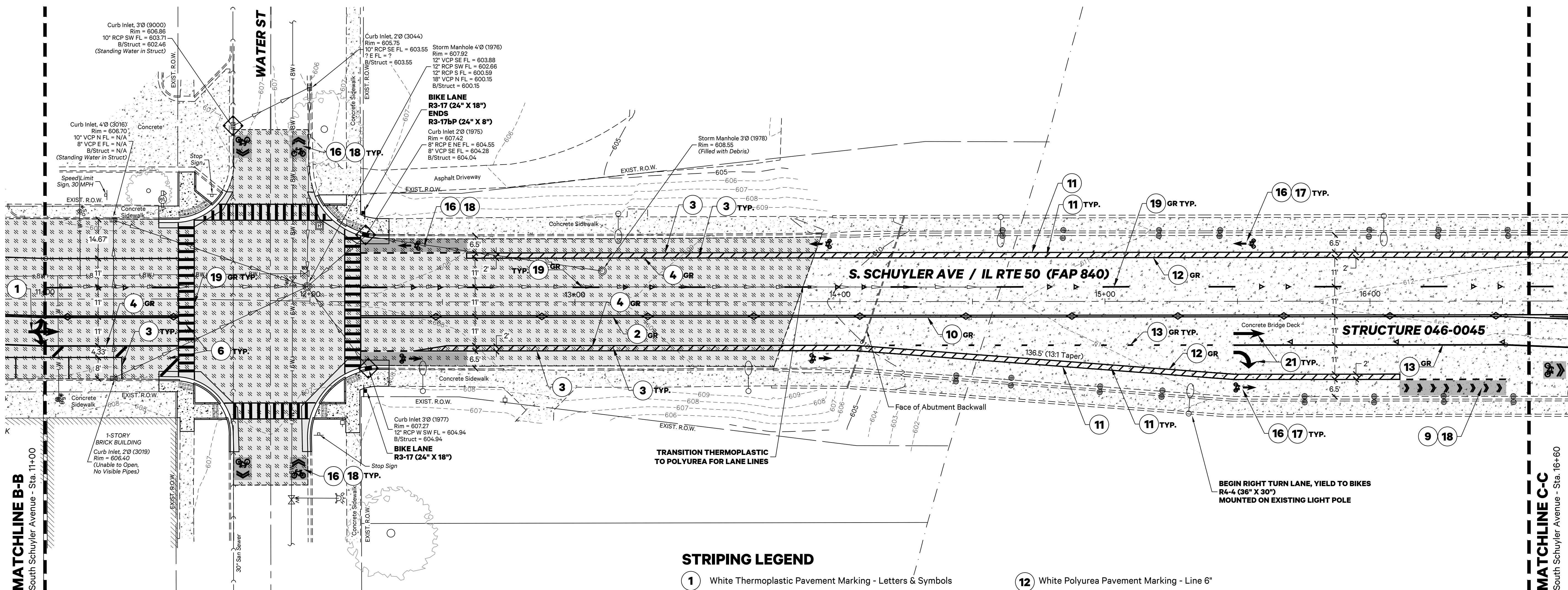
Drawn by: MRG

Checked by: NAP



Scale: 1"=20'
0 10 20 40

GEOMETRIC & PAVEMENT MARKING PLAN



STRIPING LEGEND

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- 17 White Preformed Thermoplastic Pavement Marking - Bike Lane Arrows
- 18 Green Preformed Thermoplastic Pavement Marking - Letters & Symbols
- 19 White Preformed Plastic Type B - Line 6"
- 20 White Preformed Plastic Type B - Line 24"
- 21 White Polyurea Pavement Marking - Letters & Symbols

NOTE

1. Striping callouts with GR shall be grooved

MATCHLINE B-B
South Schuyler Avenue - Sta. 11+00

MATCHLINE C-C
South Schuyler Avenue - Sta. 16+60



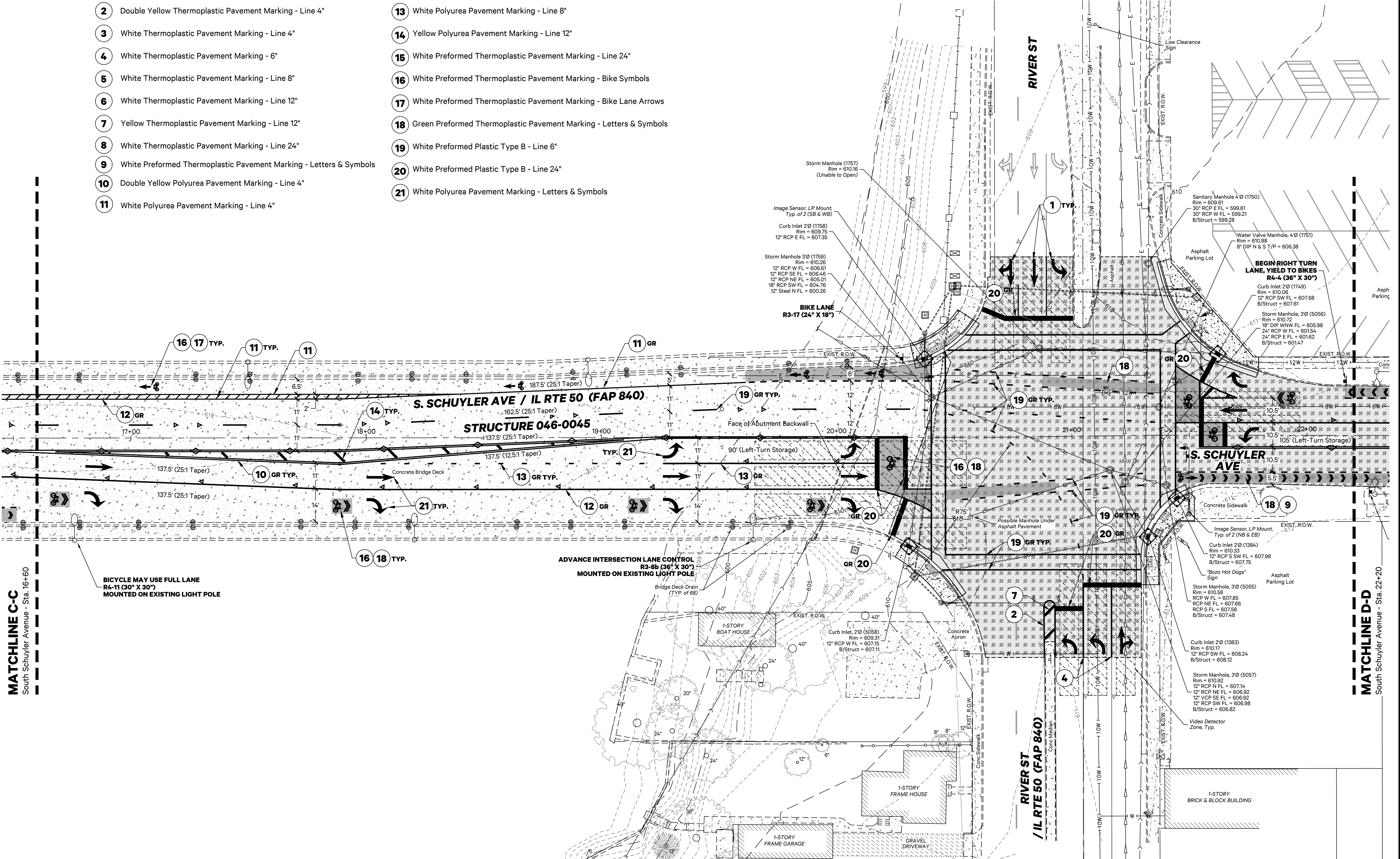
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-11	KANKAKEE	40	27
ILLINOIS				

STRIPING LEGEND

- 1 White Thermoplastic Pavement Marking - Letters & Symbols
- 2 Double Yellow Thermoplastic Pavement Marking - Line 4"
- 3 White Thermoplastic Pavement Marking - Line 4"
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- 5 White Thermoplastic Pavement Marking - Line 8"
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 F 815.614.3735

Rev	Issued	Description
1	06.28.21	per IDOT Review
2	10.11.21	per IDOT Review
3	10.29.21	per IDOT Review

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SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

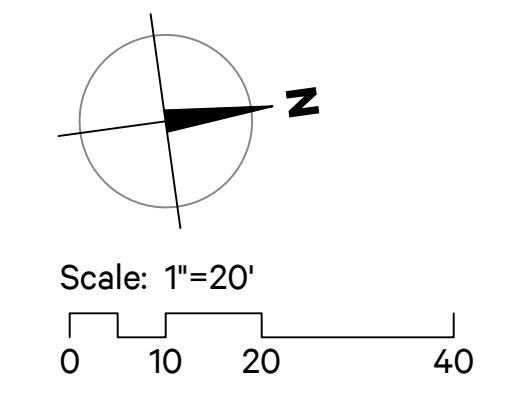
304 South Indiana Avenue,
Kankakee, Illinois 60901

Project: 20021.0301

Issued: 10.30.20

Drawn by: MRG

Checked by: NAP



GEOMETRIC & PAVEMENT MARKING PLAN

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	28
		ILLINOIS		



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South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

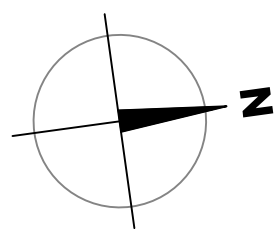
304 South Indiana Avenue,
Kankakee, Illinois 60901

Project: 20021.0301

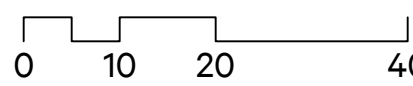
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Drawn by: MRG

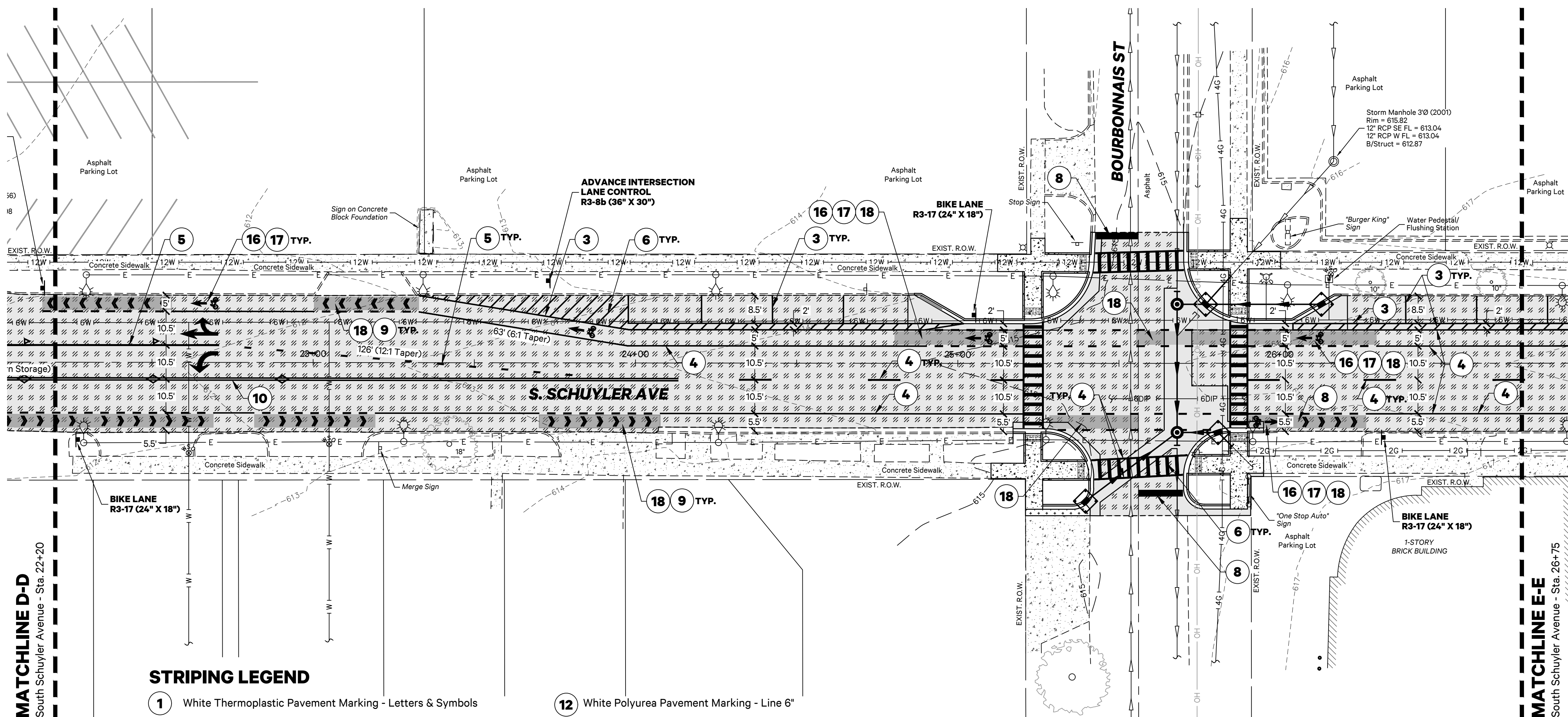
Checked by: NAP



Scale: 1"=20'



GEOMETRIC & PAVEMENT MARKING PLAN



STRIPING LEGEND

- | | |
|--|---|
| 1 White Thermoplastic Pavement Marking - Letters & Symbols | 12 White Polyurea Pavement Marking - Line 6" |
| 2 Double Yellow Thermoplastic Pavement Marking - Line 4" | 13 White Polyurea Pavement Marking - Line 8" |
| 3 White Thermoplastic Pavement Marking - Line 4" | 14 Yellow Polyurea Pavement Marking - Line 12" |
| 4 White Thermoplastic Pavement Marking - 6" | 15 White Preformed Thermoplastic Pavement Marking - Line 24" |
| 5 White Thermoplastic Pavement Marking - Line 8" | 16 White Preformed Thermoplastic Pavement Marking - Bike Symbols |
| 6 White Thermoplastic Pavement Marking - Line 12" | 17 White Preformed Thermoplastic Pavement Marking - Bike Lane Arrows |
| 7 Yellow Thermoplastic Pavement Marking - Line 12" | 18 Green Preformed Thermoplastic Pavement Marking - Letters & Symbols |
| 8 White Thermoplastic Pavement Marking - Line 24" | 19 White Preformed Plastic Type B - Line 6" |
| 9 White Preformed Thermoplastic Pavement Marking - Letters & Symbols | 20 White Preformed Plastic Type B - Line 24" |
| 10 Double Yellow Polyurea Pavement Marking - Line 4" | 21 White Polyurea Pavement Marking - Letters & Symbols |
| 11 White Polyurea Pavement Marking - Line 4" | |

NOTE

1. Striping callouts with GR shall be grooved

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	29
		ILLINOIS		



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SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

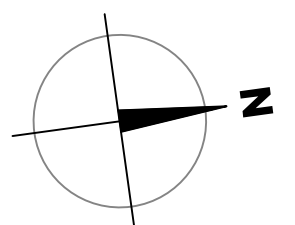
304 South Indiana Avenue,
Kankakee, Illinois 60901

Project: 20021.0301

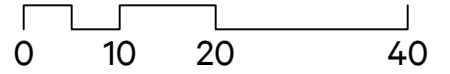
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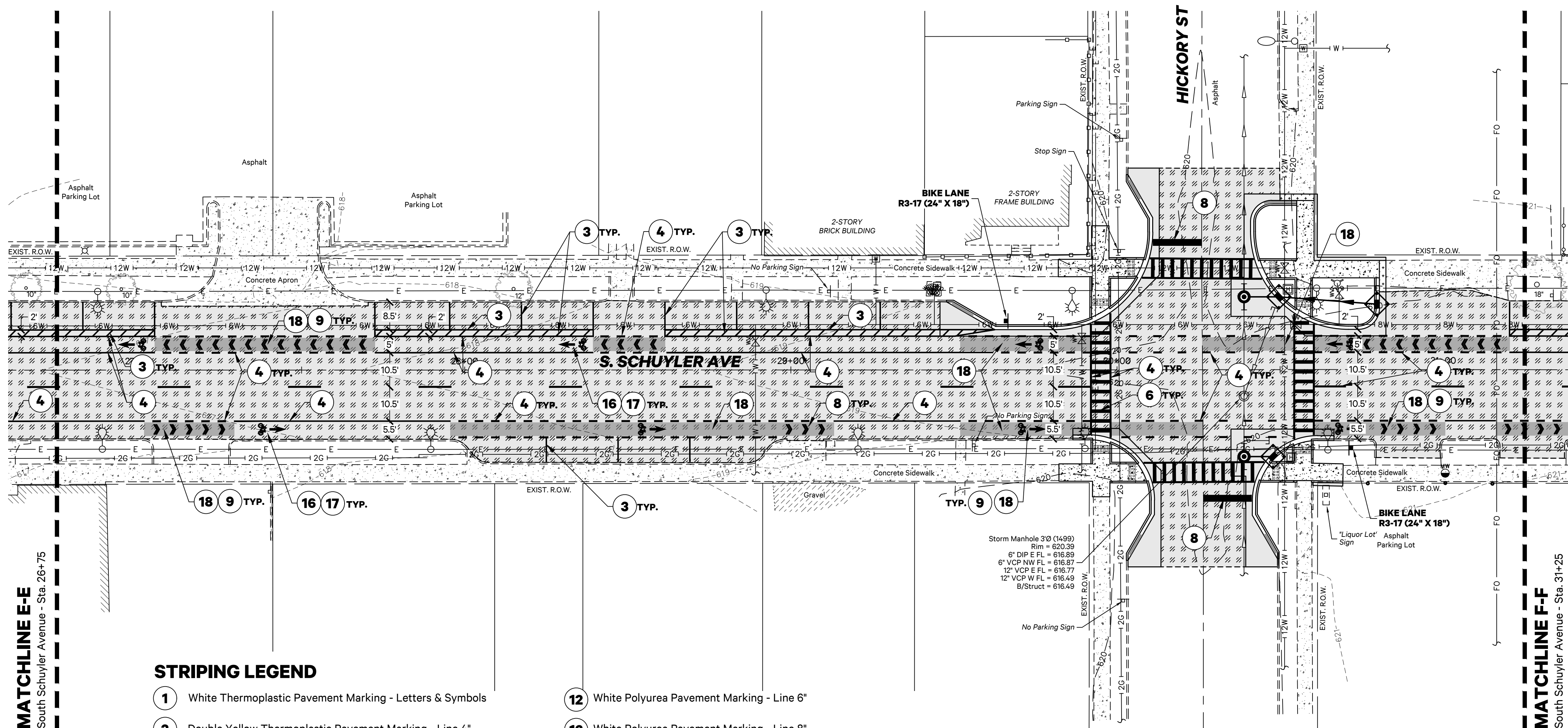
Checked by: NAP



Scale: 1"=20'



GEOMETRIC & PAVEMENT MARKING PLAN



STRIPING LEGEND

- | | |
|--|---|
| 1 White Thermoplastic Pavement Marking - Letters & Symbols | 12 White Polyurea Pavement Marking - Line 6" |
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| 6 White Thermoplastic Pavement Marking - Line 12" | 17 White Preformed Thermoplastic Pavement Marking - Bike Lane Arrows |
| 7 Yellow Thermoplastic Pavement Marking - Line 12" | 18 Green Preformed Thermoplastic Pavement Marking - Letters & Symbols |
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| 10 Double Yellow Polyurea Pavement Marking - Line 4" | 21 White Polyurea Pavement Marking - Letters & Symbols |
| 11 White Polyurea Pavement Marking - Line 4" | |

NOTE

1. Striping callouts with GR shall be grooved

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	30
	ILLINOIS			



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SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

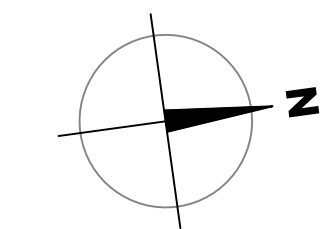
304 South Indiana Avenue,
Kankakee, Illinois 60901

Project: 20021.0301

Issued: 10.30.20

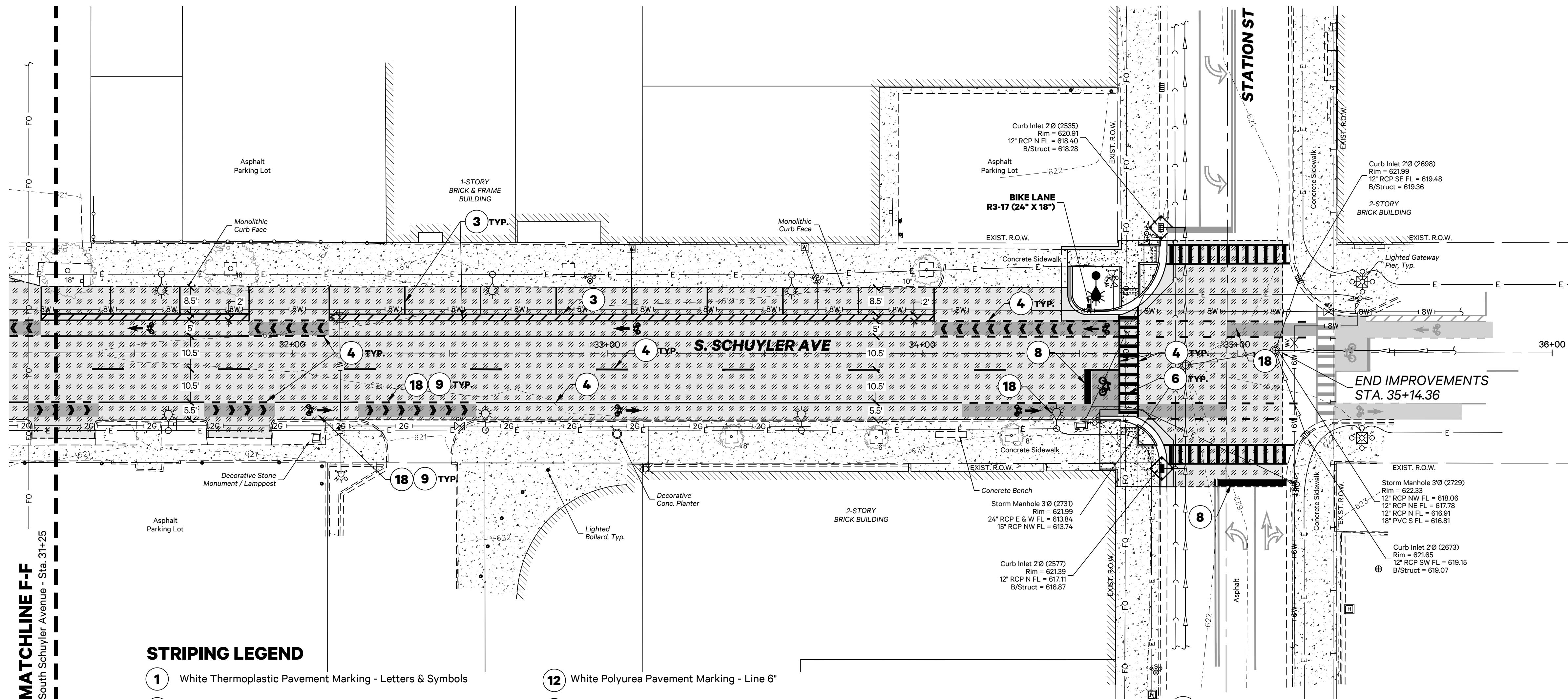
Drawn by: MRG

Checked by: NAP



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GEOMETRIC & PAVEMENT MARKING PLAN



STRIPING LEGEND

- | | |
|--|---|
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| 11 White Polyurea Pavement Marking - Line 4" | |

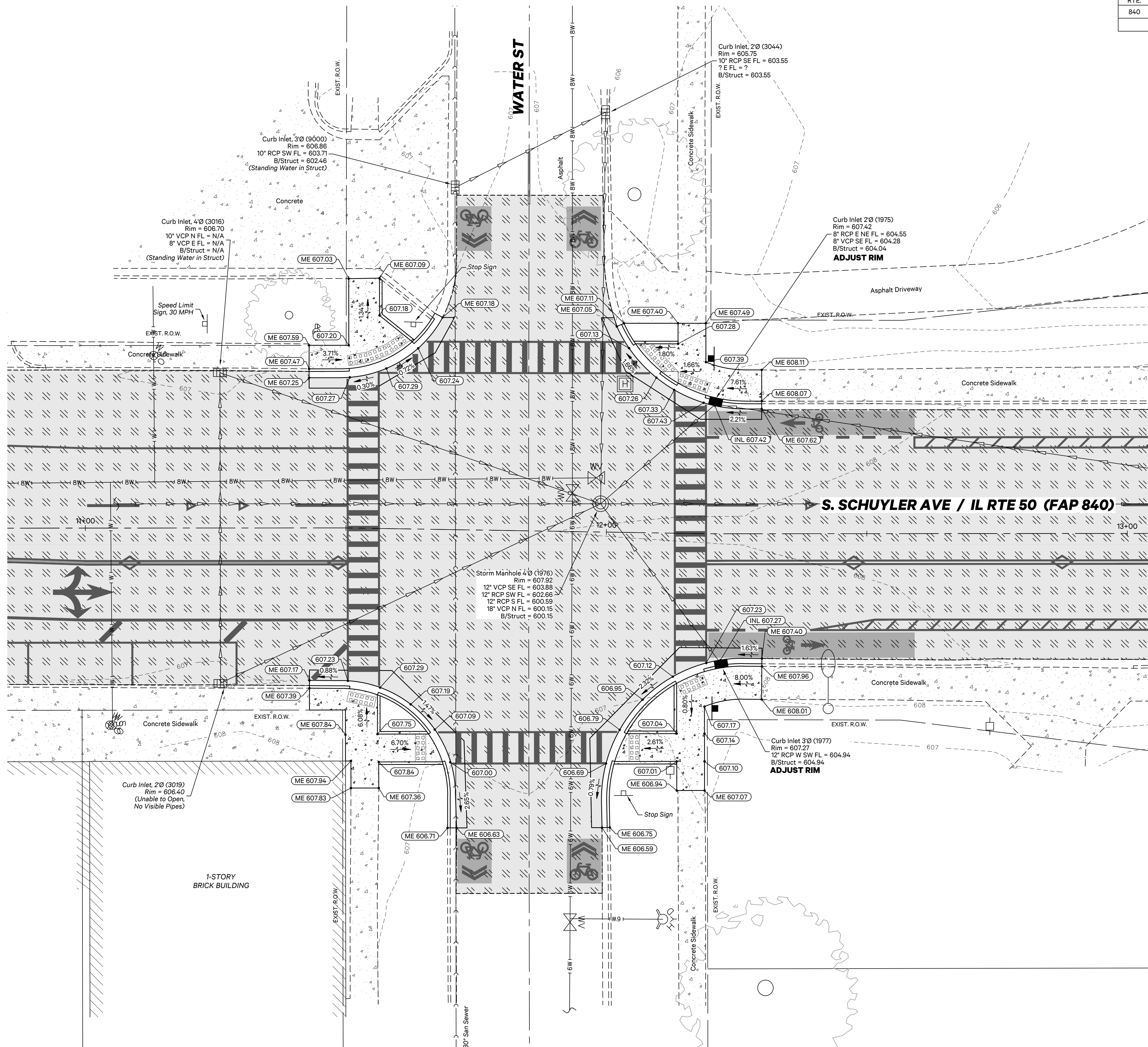
NOTE

1. Striping callouts with GR shall be grooved

MATCHLINE F-F
South Schuyler Avenue - Sta. 31+25

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	28
ILLINOIS				



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SOUTH SCHUYLER AVENUE ROADWAY IMPROVEMENTS

South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

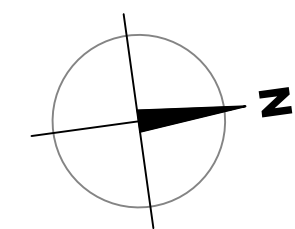
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Project: 20021.0301

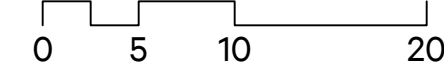
Issued: 10.30.20

Drawn by: MRG

Checked by: NAP



Scale: 1"=10'



INTERSECTION DETAIL

UTILITY & GRADING PLAN



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	32



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South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

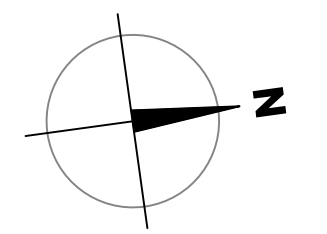
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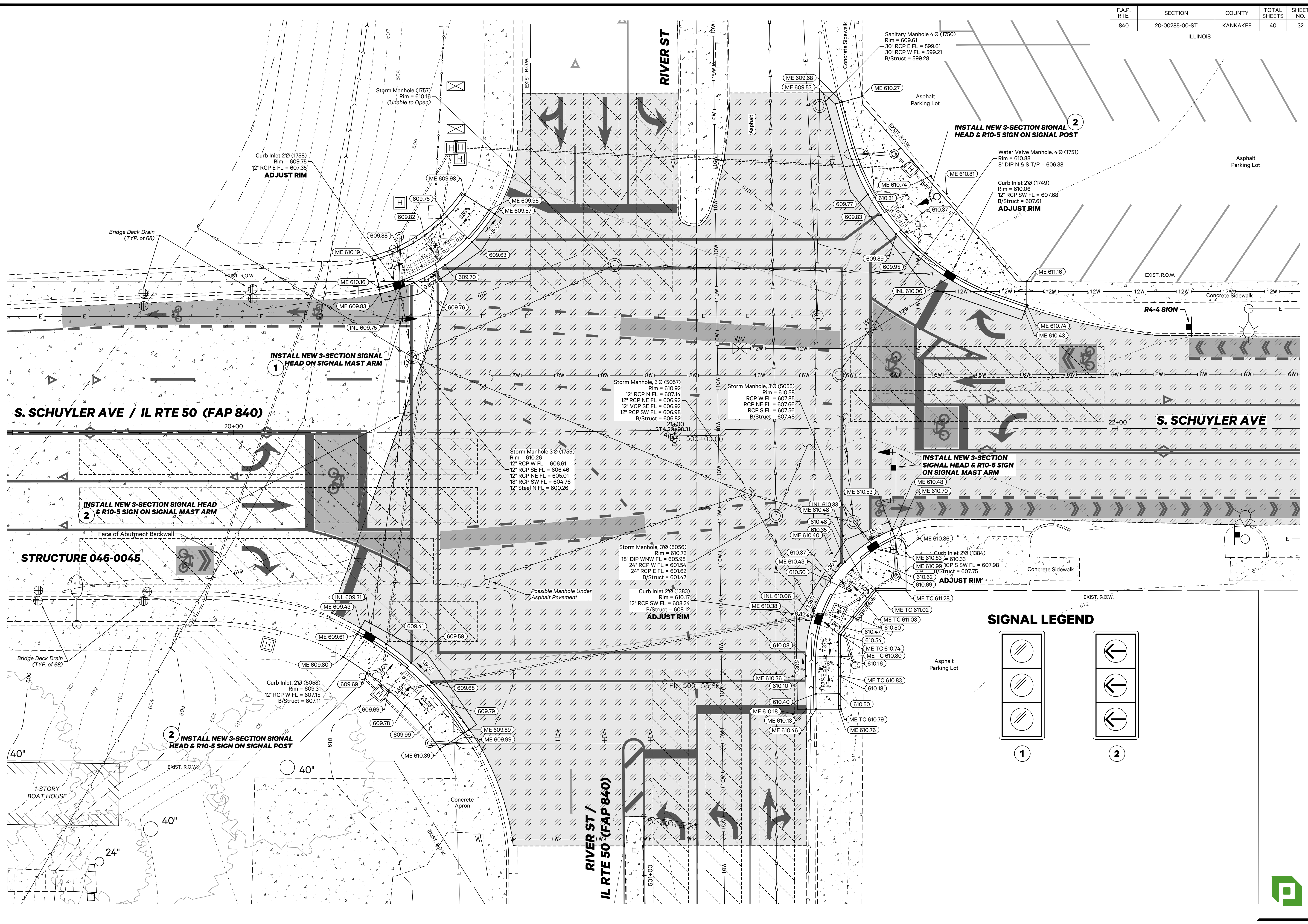
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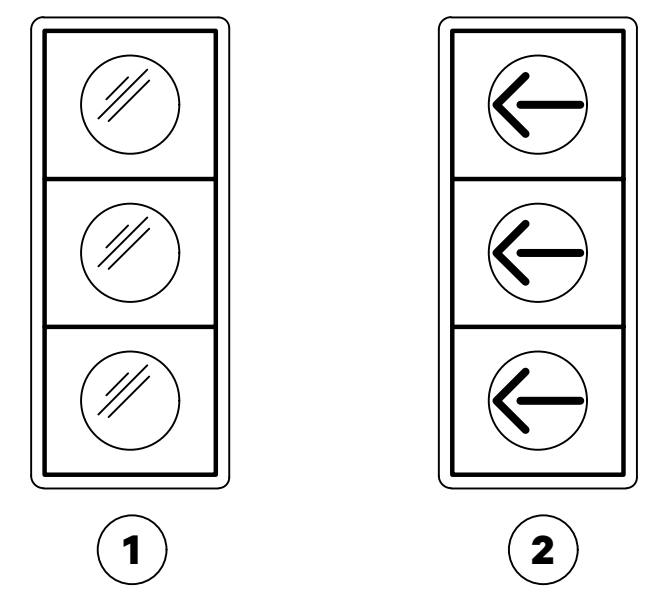
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INTERSECTION DETAIL

UTILITY & GRADING PLAN

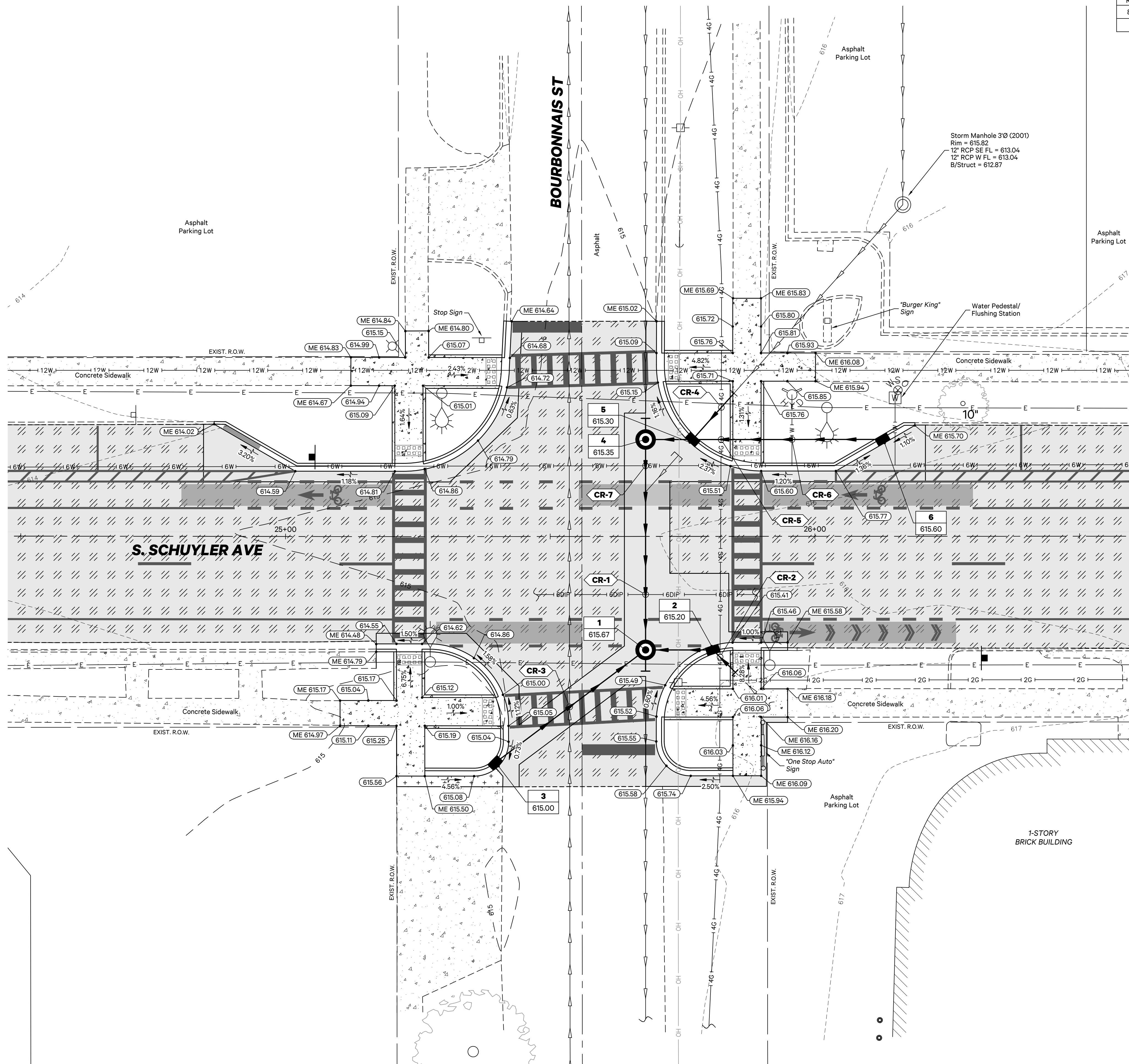


SIGNAL LEGEND



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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	33
ILLINOIS				



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South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

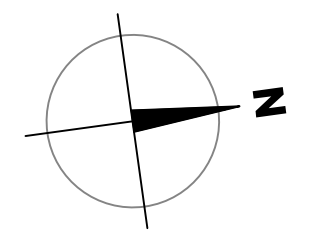
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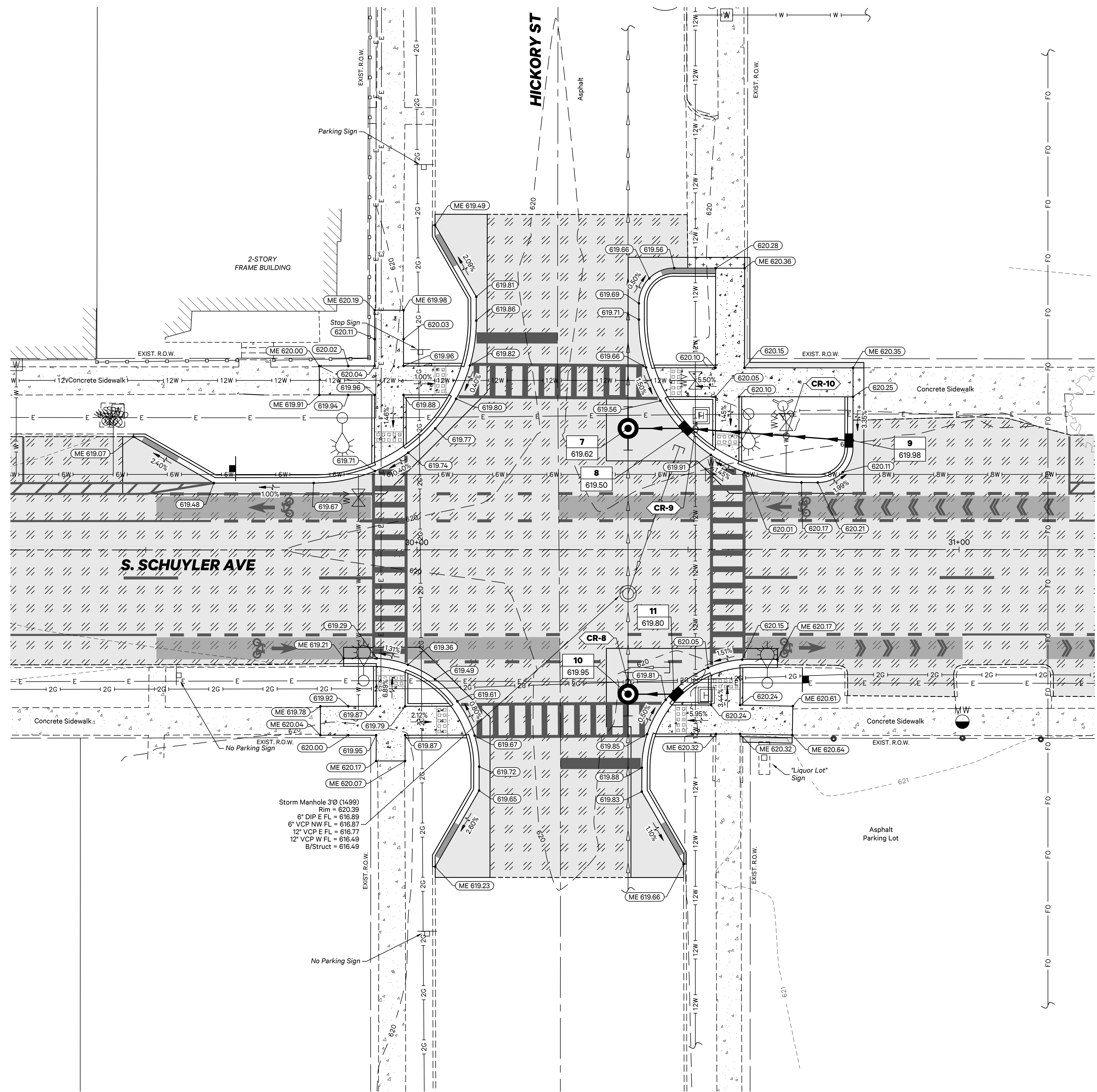
INTERSECTION DETAIL

UTILITY & GRADING PLAN



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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	34
		ILLINOIS		



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South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE

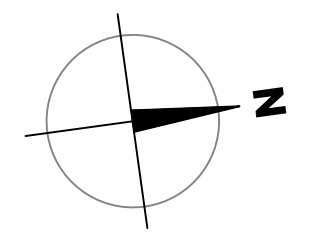
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Project: 20021.0301

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Drawn by: MRG

Checked by: NAP



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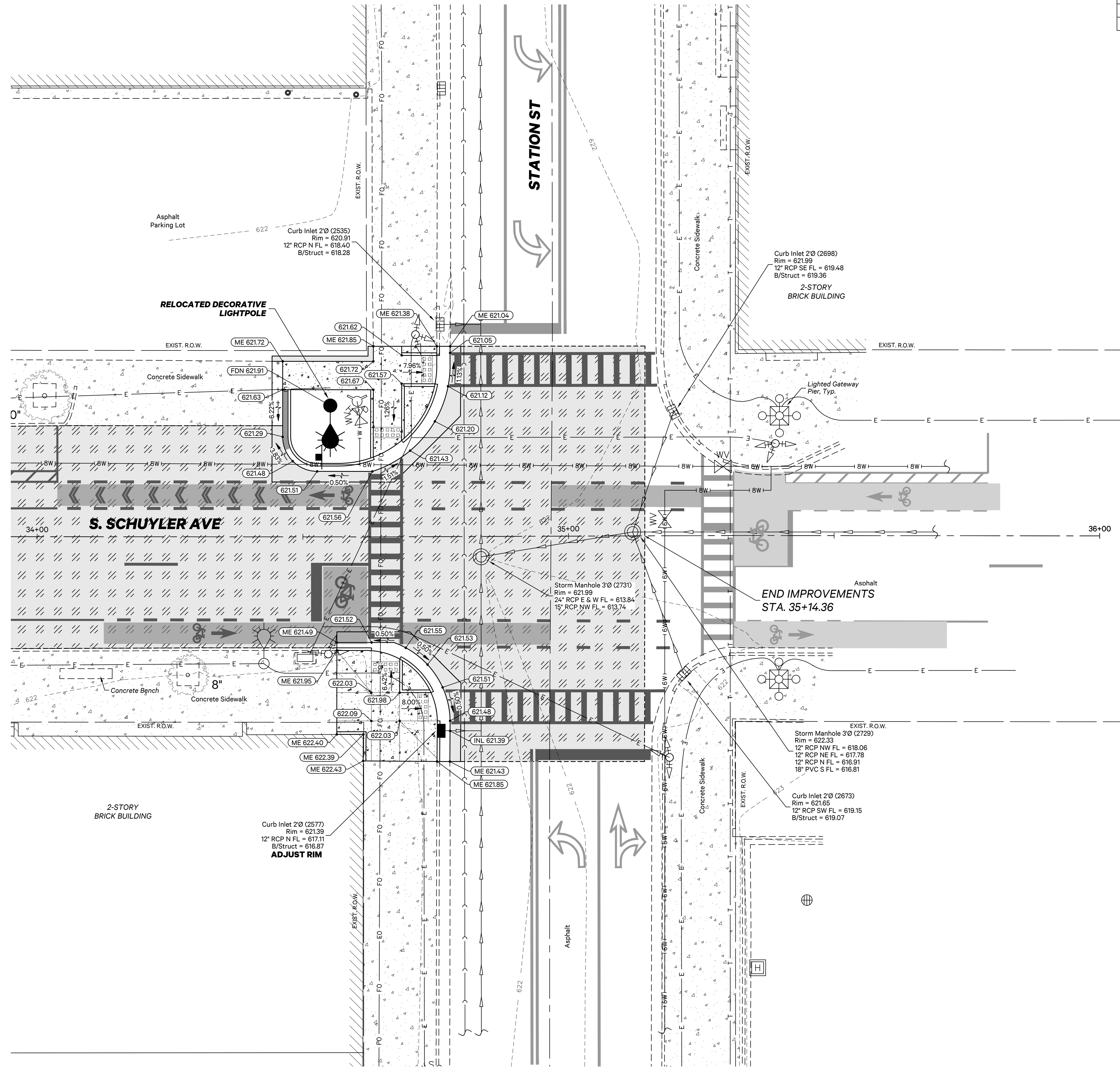
INTERSECTION DETAIL

UTILITY & GRADING PLAN



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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	20-00285-00-ST	KANKAKEE	40	35
ILLINOIS				



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**SOUTH
SCHUYLER
AVENUE
ROADWAY
IMPROVEMENTS**

South Schuyler Avenue
Kankakee, Illinois 60901

**CITY OF
KANKAKEE**

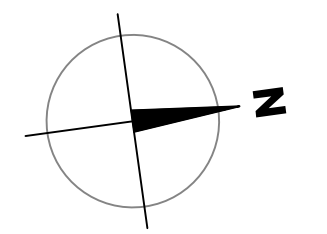
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Project: 20021.0301

Issued: 10.30.20

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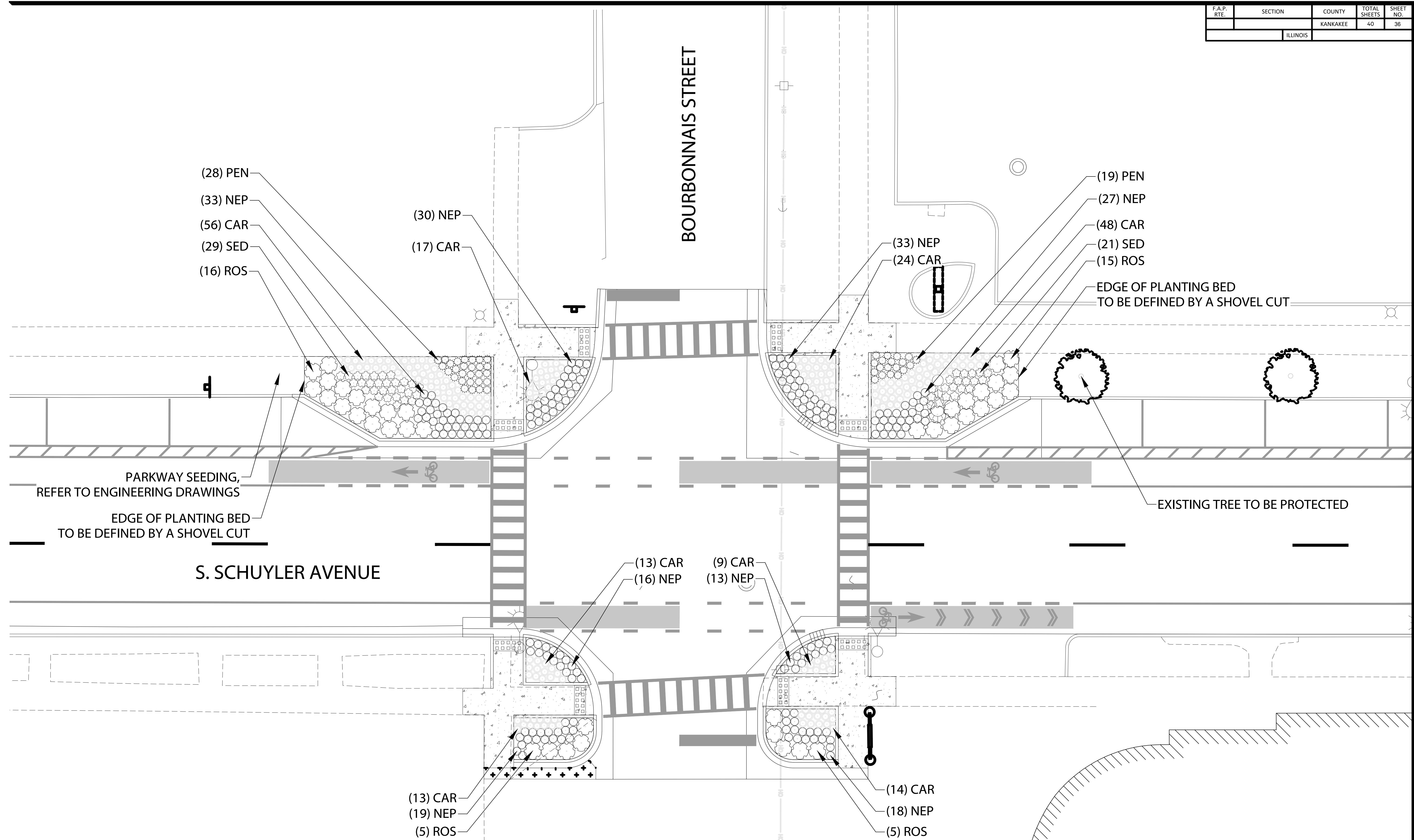
INTERSECTION DETAIL

**UTILITY &
GRADING PLAN**



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		KANKAKEE	40	36
ILLINOIS				



O 847.869.2015
F 847.869.2059

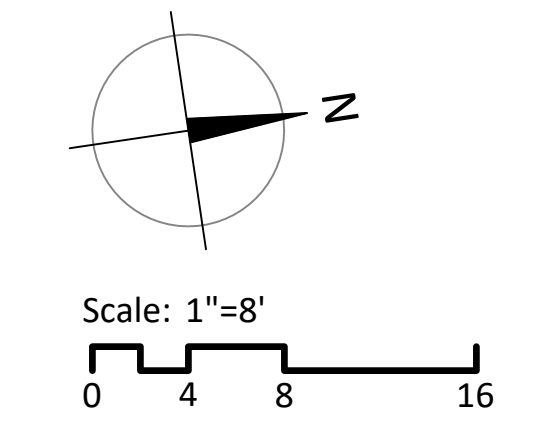
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PLANTING PLAN
South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE
304 S. Indiana Avenue
Kankakee, Illinois 60901

Project: 20021.0301
Issued: Preliminary
Drawn by: JLT
Checked by: JZM

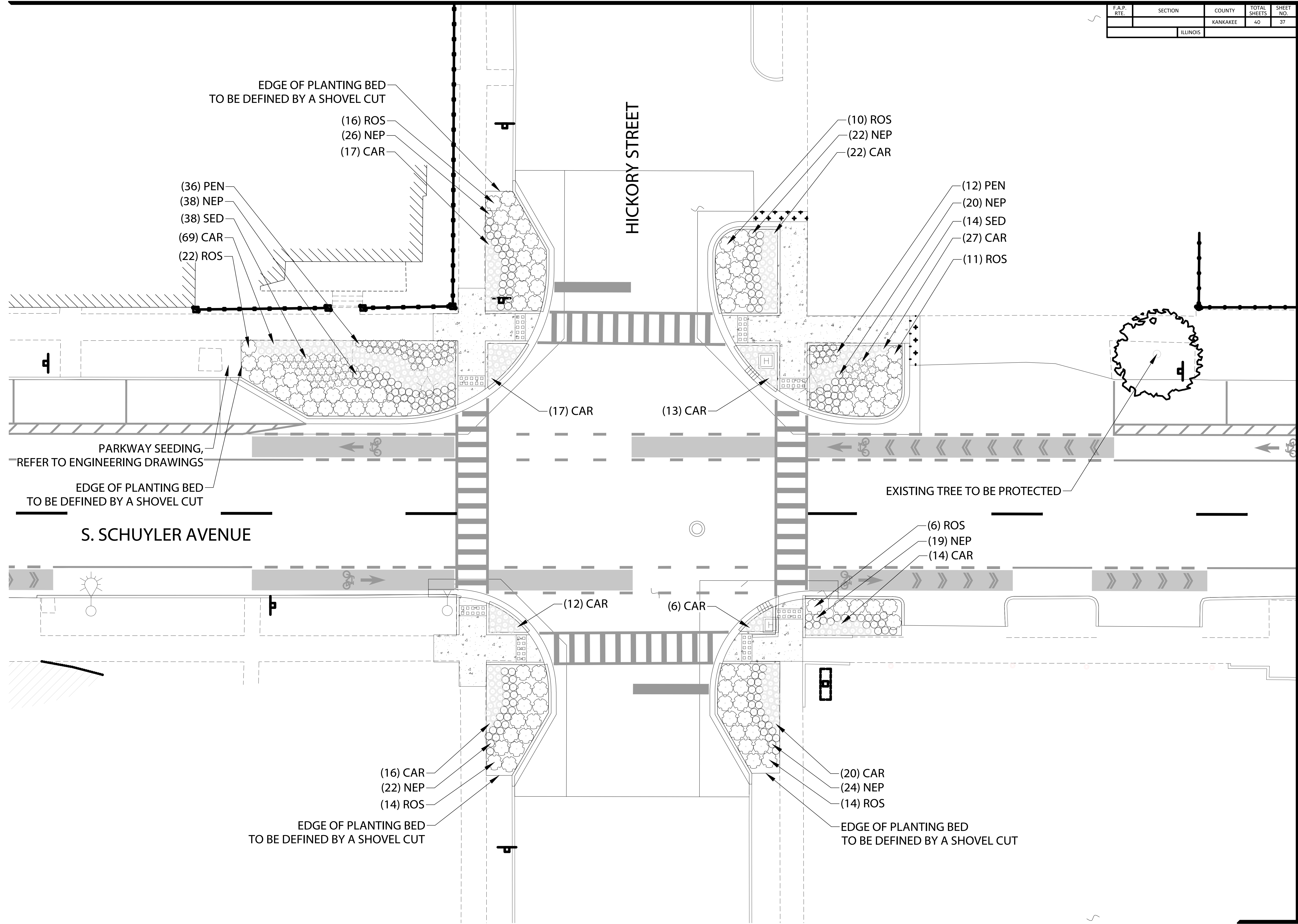


LANDSCAPE PLAN
BOURBONNAIS STREET

PLANT SCHEDULE

SHRUBS	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING	QTY
ROS	Rosa x 'Noare'™	Flower Carpet Red Groundcover Rose	2' Ht.	CG	2'	145
PERENNIALS	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING	QTY
CAR	Carex morrowii 'Ice Dance'	Ice Dance Japanese Sedge	1 gal.	CG	12"	445
NEP	Nepeta x faassenii 'Walkers Low'	Walkers Low Catmint	1 gal.	CG	2'	391
PEN	Pennisetum alopecuroides 'Little Bunny'	Little Bunny Fountain Grass	1 gal.	CG	12"	95
SED	Sedum x 'Autumn Fire'	Autumn Fire Sedum	1 gal.	CG	2'	102

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KANKAKEE	40	37
ILLINOIS				



O 847.869.2015
F 847.869.2059

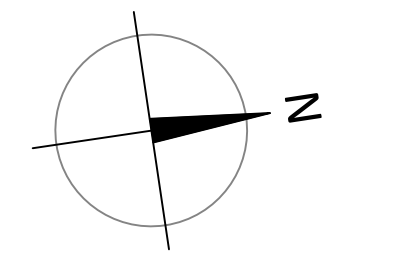
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PLANTING PLAN
South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE
304 S. Indiana Avenue
Kankakee, Illinois 60901

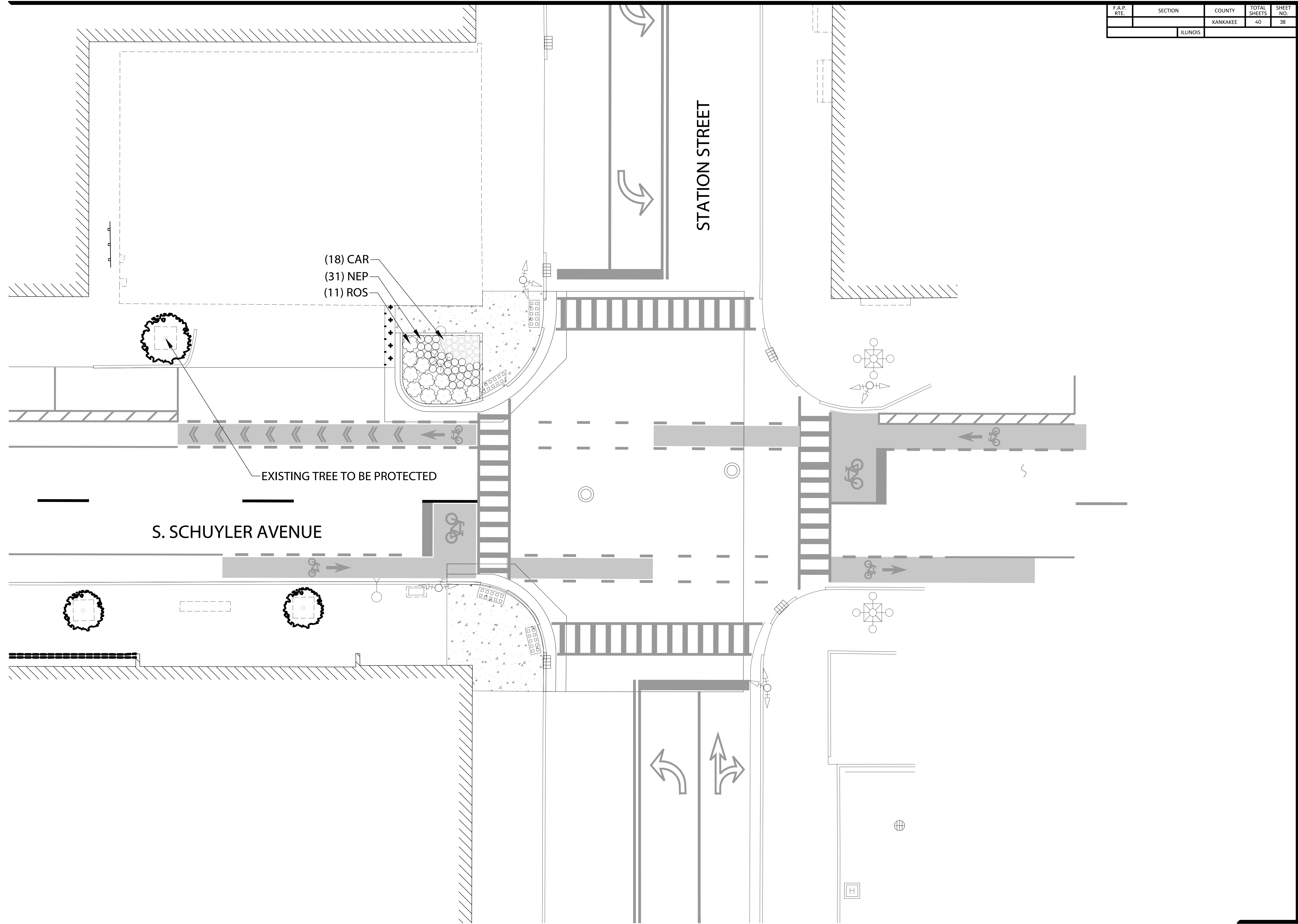
Project: 20021.0301
Issued: Preliminary
Drawn by: JLT
Checked by: JZM



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LANDSCAPE PLAN
HICKORY STREET

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KANKAKEE	40	38
		ILLINOIS		



O 847.869.2015
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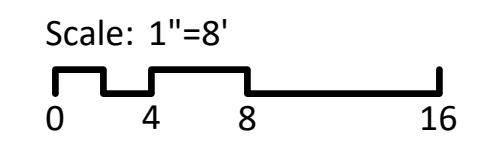
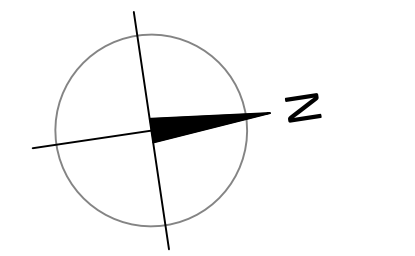
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PLANTING PLAN
South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE
304 S. Indiana Avenue
Kankakee, Illinois 60901

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Drawn by: JLT
Checked by: JZM



LANDSCAPE PLAN
STATION STREET



Walker's Low Catmint
Nepeta x faassenii 'Walker's Low'



Flower Carpet Red Rose
Rosa x 'Noare'



Ice Dance Japanese Sedge
Carex morrowii 'Ice Dance'



Autumn Fire Sedum
Sedum x 'Autumn Fire'



Little Bunny Fountain Grass
Pennisetum alopecuroides
'Little Bunny'



O 847.869.2015
F 847.869.2059

Rev	Issued	Description

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PLANTING PLAN
South Schuyler Avenue
Kankakee, Illinois 60901

CITY OF KANKAKEE
304 S. Indiana Avenue
Kankakee, Illinois 60901

Project: 20021.0301

Issued: Preliminary

Drawn by: JLT

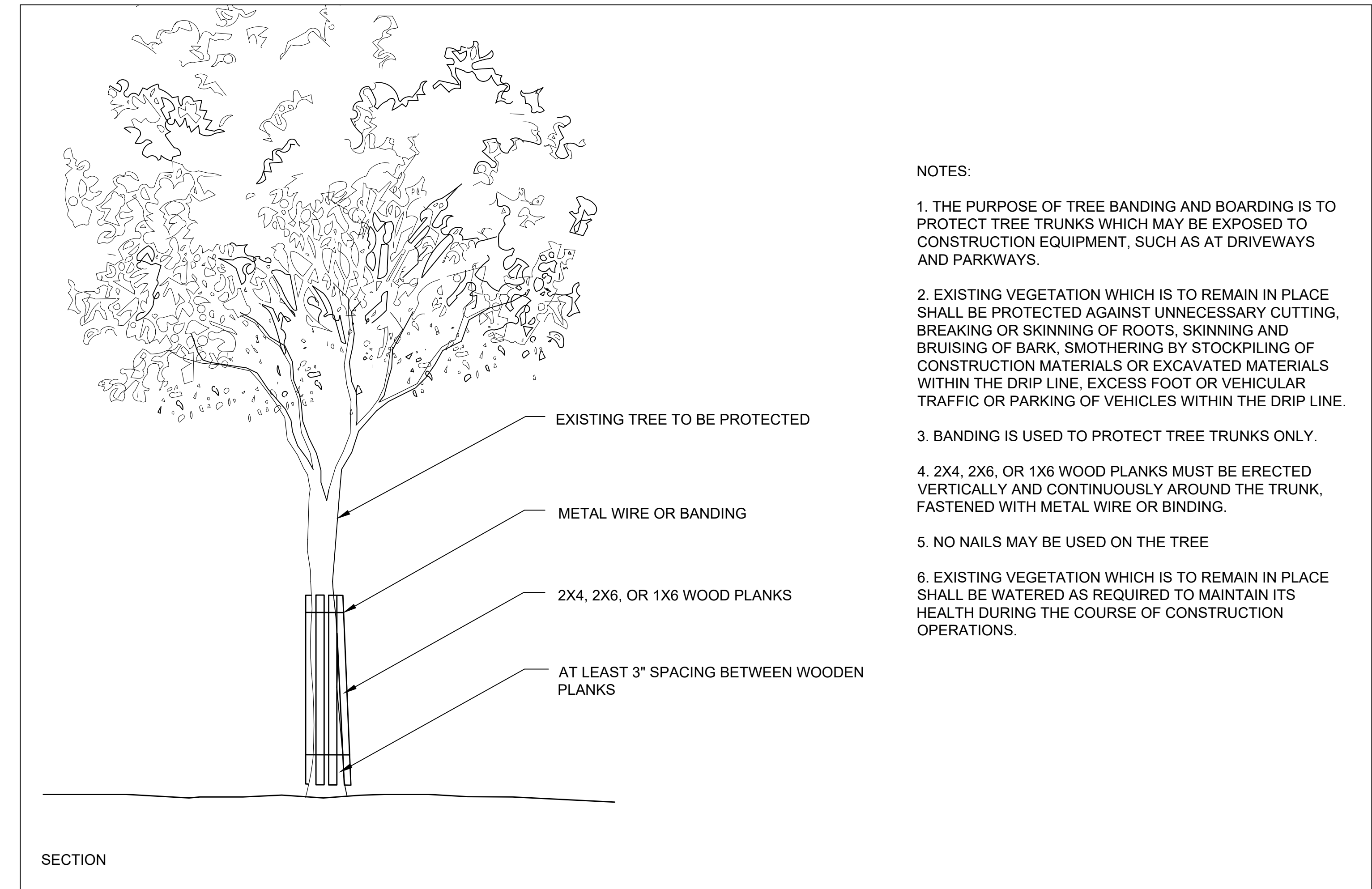
Checked by: JZM

PLANT SCHEDULE

LANDSCAPE GENERAL NOTES

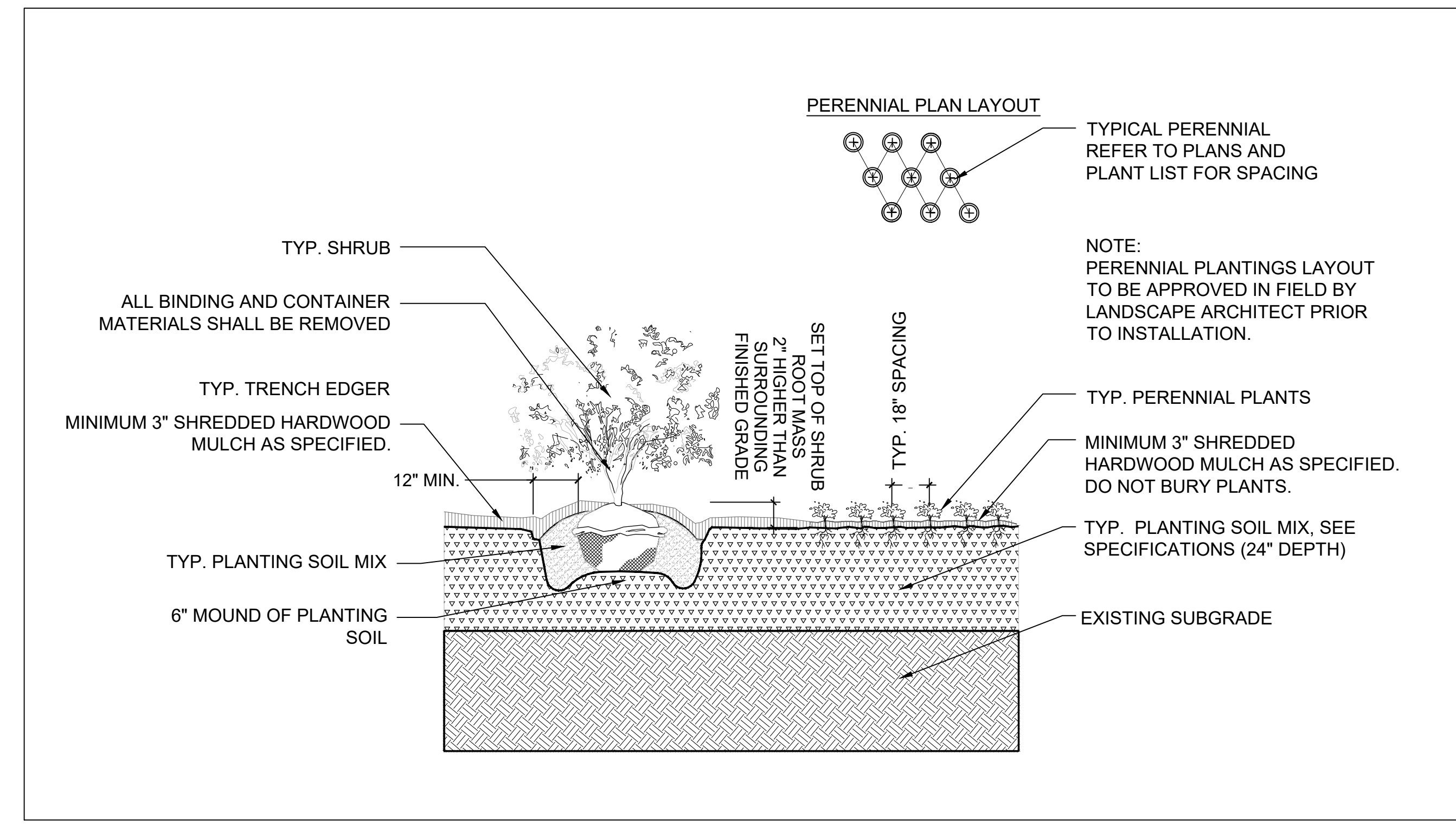
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KANKAKEE	40	40
ILLINOIS				

1. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES, CONTRACTOR SHALL NOTIFY J.U.L.I.E. (811) OR (800) 892.0123 TO DETERMINE THE LOCATION OF ANY UNDERGROUND UTILITIES, WHICH MAY AFFECT PROPOSED SITE WORK. CONTRACTOR SHALL NOTIFY THE OWNER/LANDSCAPE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES, OBSTACLES AND/OR PROBLEMS.
2. VERIFICATION OF DIMENSIONS AND GRADES, BOTH EXISTING AND PROPOSED, SHALL BE THE CONTRACTOR'S RESPONSIBILITY PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL NOTIFY THE OWNER/LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
3. ALL SURFACE DRAINAGE SHALL BE DIRECTED AWAY FROM STRUCTURES. SURFACE DRAINAGE SHALL BE DIRECTED TO EXISTING CATCH BASINS DESIGNATED FOR THE COLLECTION OF SURFACE RUN-OFF.
4. PLANT MATERIAL SIZES SHOWN ON PLANT SCHEDULE ARE MINIMUM ACCEPTABLE SIZES. ALL PLANT MATERIAL SHALL BE OF SPECIMEN QUALITY. NO 'PARK GRADE' MATERIAL WILL BE ACCEPTED.
5. ALL PLANT MATERIAL SHALL BE OBTAINED FROM AN APPROVED NORTHERN ILLINOIS NURSERY WITH HEAVY CLAY SOILS.
6. ALL PLANT MATERIAL SHALL CONFORM TO AMERICAN STANDARD FOR NURSERY STOCK AS SPONSORED BY THE AMERICAN ASSOCIATION OF NURSEYMEN AND APPROVED BY THE AMERICAN NATIONAL STANDARDS INSTITUTE, INC. (ANSI)
7. IF SPECIFIED SPECIES AND/ OR QUALITY OF PLANTS ARE NOT AVAILABLE AT THE TIME OF ORDERING, THE LANDSCAPE ARCHITECT, AT HIS/HER DISCRETION, MAY SUBSTITUTE SIMILAR PLANTS WITH THE SAME WHOLESALE VALUE.
8. ALL PLANTS TO BE BALLED IN BURLAP (B&B) OR CONTAINER GROWN (CG) AS SPECIFIED IN PLANT SCHEDULE. ALL NYLON/PLASTIC/BURLAP ROOT WRAPPING MATERIAL AND METAL WIRE BASKETS SHALL BE REMOVED.
9. SOIL TO BE USED FOR THE PLANTING MEDIUM FOR THE PROJECT SHALL BE FERTILE, WELL-DRAINED, OF UNIFORM QUALITY, FREE OF STONES OVER 1" IN DIAMETER, STICKS, OILS, CHEMICALS, PLASTER, CONCRETE AND OTHER DELETERIOUS MATERIAL.
10. ALL LANDSCAPE MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES AND ORDINANCES.
11. ALL LANDSCAPE MATERIALS SHALL BE INSTALLED IN CONFORMANCE WITH THE ACCEPTED INDUSTRY'S STANDARD 'BEST MANAGEMENT PRACTICE' TECHNIQUES AS IDENTIFIED BY THE ILLINOIS LANDSCAPE CONTRACTORS ASSOCIATION (ILCA).
12. THE OWNER AND/OR LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY PLANT MATERIAL IN POOR CONDITION/FORM OR NOT INSTALLED ACCORDING TO 'BEST MANAGEMENT PRACTICE' TECHNIQUES.
13. THE LANDSCAPE CONTRACTOR SHALL PREPARE PLANTING BEDS BY ADDING SOIL AMENDMENTS TO TOPSOIL MIX IN THE FOLLOWING QUANTITIES: TOPSOIL MIX SHALL BE THREE (3) PARTS TOPSOIL, ONE (1) PART PEAT, AND ONE (1) PART SAND.
14. PLANTINGS TO RECEIVE 3" OF SHREDDED HARDWOOD MULCH.
15. CONTRACTOR SHALL WATER PLANTS IMMEDIATELY AFTER PLANTING. FLOOD PLANTS TWICE DURING FIRST TWENTY-FOUR HOURS AFTER PLANTING.
16. ALL ROAD AND WALK SURFACES SHALL BE KEPT CLEAR OF MUD AND DEBRIS AT ALL TIMES.
17. CONTRACTOR SHALL REPAIR IN KIND ANY AREAS DAMAGED AS A RESULT OF LANDSCAPE OPERATIONS
18. EROSION CONTROL BLANKETS REQUIRED ON ALL SLOPES GREATER THAN 3:1.
19. REFER TO PLANTING DETAILS FOR REQUIRED DEPTHS OF ELEVATION.



- NOTES:
1. THE PURPOSE OF TREE BANDING AND BOARDING IS TO PROTECT TREE TRUNKS WHICH MAY BE EXPOSED TO CONSTRUCTION EQUIPMENT, SUCH AS AT DRIVEWAYS AND PARKWAYS.
 2. EXISTING VEGETATION WHICH IS TO REMAIN IN PLACE SHALL BE PROTECTED AGAINST UNNECESSARY CUTTING, BREAKING OR SKINNING OF ROOTS, SKINNING AND BRUISING OF BARK, SMOTHERING BY STOCKPILING OF CONSTRUCTION MATERIALS OR EXCAVATED MATERIALS WITHIN THE DRIP LINE, EXCESS FOOT OR VEHICULAR TRAFFIC OR PARKING OF VEHICLES WITHIN THE DRIP LINE.
 3. BANDING IS USED TO PROTECT TREE TRUNKS ONLY.
 4. 2X4, 2X6, OR 1X6 WOOD PLANKS MUST BE ERECTED VERTICALLY AND CONTINUOUSLY AROUND THE TRUNK, FASTENED WITH METAL WIRE OR BINDING.
 5. NO NAILS MAY BE USED ON THE TREE
 6. EXISTING VEGETATION WHICH IS TO REMAIN IN PLACE SHALL BE WATERED AS REQUIRED TO MAINTAIN ITS HEALTH DURING THE COURSE OF CONSTRUCTION OPERATIONS.

1 TREE PROTECTION
N.T.S



2 TYPICAL SHRUB AND PERENNIAL PLANTING IN CURB PLANTER
N.T.S



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LANDSCAPE NOTES AND DETAILS