

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED  
MULTI-USE PATH**

ILLINOIS TRANSPORTATION ENHANCEMENT PROGRAM FUNDS  
FAP ROUTE 332 (IL RTE. 1/17)  
SECTION 17-00016-00-BT  
MULTI-USE PATH  
VILLAGE OF GRANT PARK  
JOB NO. C-93-039-22  
PROJECT NO. WQQP(150)

FAP RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	17-00016-00-BT	KANKAKEE	28	1
		ILLINOIS	CONTRACT NO. 87759	

**INDEX OF SHEETS**

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- 24 DETOUR PLAN
- 25 MISCELLANEOUS DETAILS
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**HIGHWAY STANDARDS**

- 000001-08 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
- 424026-03 ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
- 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 602301-04 INLET-TYPE A
- 604036-03 GRATE TYPE B
- 606001-08 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
- 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 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
- 814001-03 HANDHOLES
- 821101-02 LUMINAIRE WIRING IN POLE
- 836001-04 LIGHT POLE FOUNDATION

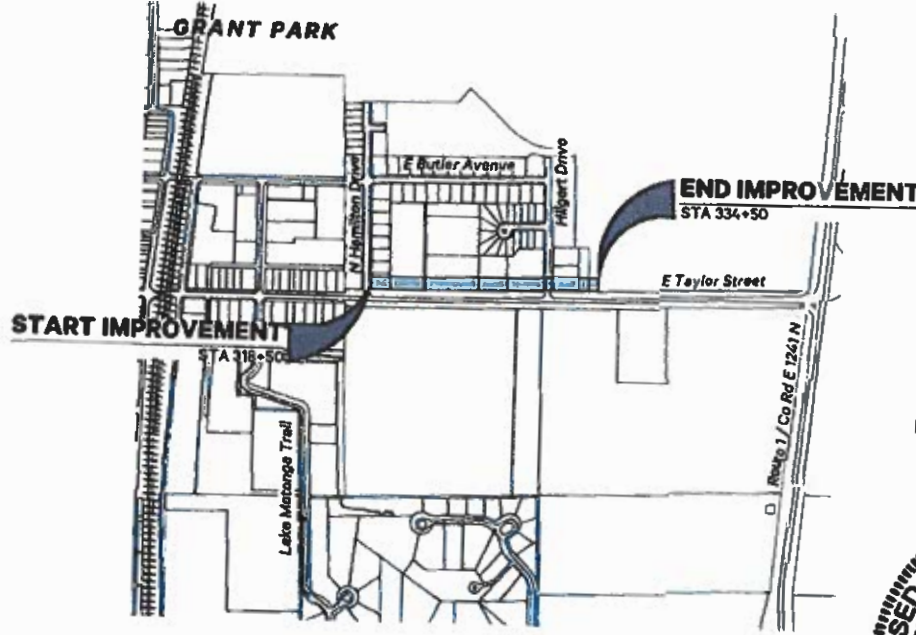


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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. 87759



GROSS LENGTH = 1,600 FT. = 0.303 MILE  
NET LENGTH = 1,580 FT. = 0.299 MILE



T. J. Larocque  
ILLINOIS PROFESSIONAL ENGINEER #082067059

EXPIRATION DATE OF P.E. LICENSE: November 30, 2023



LOCATION OF SECTION INDICATED THIS: [Arrow]  
FUNCTIONAL CLASSIFICATION:  
MULTI-USE PATH  
ADT = N/A  
POSTED SPEED = N/A

**AGENCY RESPONSIBLE FOR LETTING**

APPROVED February 24, 2022  
[Signature]  
PRESIDENT, VILLAGE OF GRANT PARK

PASSED 2-24 2022  
[Signature]  
DISTRICT 3 LOCAL ROADS & STREETS ENGINEER

RELEASING FOR BID  
BASED ON LIMITED  
REVIEW 2-24 2022  
[Signature]  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 2 ENGINEER

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OF THE STATE OF ILLINOIS

**PIGGUSH  
ENGINEERING**



PiggushEng.com

586 William Latham Drive, Suite 8  
Bourbonnais, IL 60914  
O 815.614.3447  
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Rev	Issued	Description
1	12.17.20	per IDOT review
2	07.26.21	per Esesments
3	11.05.21	per Lighting
4	01.19.22	per IDOT Review

**MULTI-USE  
PATH**

E Taylor St  
(IL Route 1/17)  
Grant Park, Illinois 60940

**VILLAGE OF  
GRANT PARK**

106 West Taylor Street  
Grant Park, Illinois 60940

Project: 17130.0301  
Issued: Preliminary  
Drawn by: JOW/LMM  
Checked by: T.J.

COVER PAGE

F.A.P RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	17-00016-00-BT	KANKAKEE	28	2
		ILLINOIS	CONTRACT NO. 87759	

## GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.39 OF THE STANDARD SPECIFICATIONS. THE JULIE NUMBER IS 1-800-892-0123. THE FOLLOWING UTILITIES LOCATED WITHIN THE LIMITS OF THIS IMPROVEMENT ARE MEMBERS OF J.U.L.I.E.

### Water:

Aqua Illinois, Inc.  
1000 S. Schuyler Ave  
Kankakee, IL 60901  
Phone: 815.935.8800

### Natural Gas:

Nicor Gas  
1844 Ferry Rd  
Naperville, IL 60563  
Phone: 888.642.6748 or  
800.730.6114  
Email: Builder@Nicor.com

### Electric:

Com Ed  
25000 Governors Highway  
University Park, IL 60466  
Phone: 800.334.7661

### Telephone:

AT&T  
65 West Webster - Floor 4E  
Joliet, IL 60431  
Phone: 815.727.8279

### Cable Television:

Comcast  
1770 Hoffman Way  
South Holland, IL 60473  
Phone: 708.444.8832

### Local Municipality:

Village of Grant Park  
106 W. Taylor Street  
PO Box 446  
Grant Park, IL 60940  
Phone: 815.465.6531  
Email: villageofgrantpark@att.net

### Highway Department:

Kankakee County  
750 S. East Ave.  
Kankakee, IL 60901  
Phone: 815.933.1731  
Fax: 815.933.4499  
Hours: Mon. - Fri., 6 a.m. to 2:30 p.m.

2. EXCEPTED AS NOTED IN THE PLANS, PAVEMENT GRADES SHOWN ARE TO THE TOP OF PAVEMENT SURFACES.

3. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE VARIOUS HMA LIFTS.

4. TEMPORARY MARKING TAPE SHALL BE USED FOR ALL TEMPORARY PAVEMENT MARKINGS ON THE FINAL SURFACE. THE TEMPORARY PAVEMENT MARKINGS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

5. ALL SAWCUTTING OF EXISTING PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

6. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

7. THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.

8. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DRAINAGE THROUGHOUT THE CONSTRUCTION OF THIS PROJECT. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.

9. EXISTING UTILITY INFORMATION SHOWN IN THE PLANS INCLUDING HORIZONTAL AND VERTICAL LOCATIONS WAS TAKEN FROM THE BEST AVAILABLE INFORMATION AND IS PROVIDED IN THE PLANS FOR INFORMATION ONLY. IN NO WAY DOES THIS INFORMATION RELEASE THE CONTRACTOR FROM THEIR DUE DILIGENCE TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND ELEVATIONS. ANY UNFORESEEN CONFLICTS WITH UTILITIES SHALL BE RECTIFIED IN ACCORDANCE WITH ARTICLE 107.40 OF THE STANDARD SPECIFICATIONS.

10. FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

11. DETECTABLE WARNING SURFACES SHALL EXTEND 2.0 FT MINIMUM IN THE DIRECTION OF PEDESTRIAN TRAVEL. AT CURB RAMPS AND BLENDED TRANSITIONS, DETECTABLE WARNING SURFACES SHALL EXTEND THE FULL WIDTH OF THE RAMP RUN (EXCLUDING FLARES) OR BLENDED TRANSITIONS. SOME DETECTABLE WARNING PRODUCTS REQUIRE A CONCRETE BORDER FOR PROPER INSTALLATION. THE CONCRETE BORDER SHALL NOT EXCEED 2 INCHES.

12. REMOVAL OF EXISTING AGGREGATE ENTRANCES WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

13. ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.

14. MINOR RESIDENTIAL TILE / SUMP PUMP OUTLETS THAT CURRENTLY OUTLET INTO THE MINOR RESIDENTIAL TILE / SUMP PUMP OUTLETS THAT CURRENTLY OUTLET INTO THE BACKSLOPES OF EXISTING DITCHES SHALL BE MARKED AS FOUND IN THE FIELD. THE CONTRACTOR SHALL MAINTAIN FLOW THROUGHOUT THE DURATION OF CONSTRUCTION. ALL TILES OUTLETTING TO AN OPEN DITCH SHALL HAVE A CLASS SI CONCRETE HEADWALL IN ACCORDANCE TO THE PIPE DRAINS AND CONCRETE HEADWALLS HIGHWAY STANDARDS.

15. ALL ELEVATIONS REFERRING TO NAVD 88 DATUM.

## COMMITMENTS

NO COMMITMENTS

## BENCHMARK SUMMARY

### Site Benchmarks:

BM #1  
Cut "+" on top of B6-12 Curb @ East Line of Casey's General Store Entrance  
Measured Elevation = 693.15 NAD 88

BM #2  
Cut "+" Set in Concrete Pavement on West side of the Dollar General Entrance along Taylor Avenue / IL 1 & 17.  
Measured Elevation = 704.28 NAD 88

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**F** 815.614.3735

Rev	Issued	Description
1	12.17.20	per IDOT review
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## MULTI-USE PATH

E. Taylor St.  
(IL Route 1/17)  
Grant Park, Illinois 60940

## VILLAGE OF GRANT PARK

106 West Taylor Street  
Grant Park, Illinois 60940

Project: 17130.0301

Issued: Preliminary

Drawn by: JGW/LMM

Checked by: TJL

**STANDARDS &  
SPECIFICATIONS**



FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	17-00016-00-BT	KANKAKEE	28	3
		ILLINOIS	CONTRACT NO. 87759	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
Δ 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	74
20200100	EARTH EXCAVATION	CU YD	426
20400800	FURNISHED EXCAVATION	CU YD	457
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1,696
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	4,726
25000100	SEEDING, CLASS 1	ACRE	1.00
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	90
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	90
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	90
25100630	EROSION CONTROL BLANKET	SQ YD	4,726
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100
28000305	TEMPORARY DITCH CHECKS	FOOT	140
28000900	INLET AND PIPE PROTECTION	EACH	5
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	263
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	183
35102100	AGGREGATE BASE COURSE, TYPE B 9"	SQ YD	1,513
35300100	PORTLAND CEMENT CONCRETE BASE COURSE 6"	SQ YD	77
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	307
42000100	PORTLAND CEMENT CONCRETE PAVEMENT 6"	SQ YD	183
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1,256
42400800	DETECTABLE WARNINGS	SQ FT	160
44000100	PAVEMENT REMOVAL	SQ YD	303
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	323
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	112
44000600	SIDEWALK REMOVAL	SQ FT	263
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTION 12"	EACH	1
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	24
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	8
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	16
56109210	WATER VALVES TO BE ADJUSTED	EACH	3
Δ * 56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	1
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	264
Δ * 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	55
Δ * 66900530	SOIL DISPOSAL ANALYSIS	EACH	1
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	7
67100100	MOBILIZATION	L SUM	1
Δ 72000100	SIGN PANEL - TYPE 1	SQ FT	15.75
Δ 72900100	METAL POST - TYPE A	FOOT	49
Δ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	333
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	129
Δ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	200
Δ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	67
Δ 81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA.	FOOT	1,300
Δ 81400100	HANDHOLE	EACH	1
Δ 81702417	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 6, 1/C NO. 6 GROUND	FOOT	1,487
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1
* X0322135	BOLLARDS, QUICK RELEASE	EACH	11
* X0322939	RELOCATE EXISTING FLARED END SECTION	EACH	3
Δ * X1400238	LUMINAIRE, LED, SPECIAL	EACH	10
Δ * X1400431	LIGHTING ASSEMBLY (SPECIAL)	EACH	10
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
* X7240500	RELOCATE EXISTING SIGNS	EACH	4
Δ * X8360110	LIGHT POLE FOUNDATION, SPECIAL	FOOT	50
Δ * X8440110	RELOCATE EXISTING LIGHT POLE WITH LUMINAIRE	EACH	2

\* Pay Items with Special Provisions  
Δ Specialty Pay Items

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**MULTI-USE PATH**

E. Taylor St.  
(IL Route 1/17)  
Grant Park, Illinois 60940

**VILLAGE OF GRANT PARK**

106 West Taylor Street  
Grant Park, Illinois 60940

Project: 17130.0301  
Issued: Preliminary  
Drawn by: JGW/LMM  
Checked by: TJL

**SUMMARY OF QUANTITIES**

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F.A.P RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	17-00016-00-BT	KANKAKEE	28	4
ILLINOIS		CONTRACT NO. 87759		



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**TYPICAL SECTIONS,  
SYMBOLS & LEGEND**

**SYMBOLS & LEGEND**

**Existing**

- Iron Pipe (Found)
- Iron Rod (Found)
- ⊙ Storm Inlet
- ⊕ Flared End Section
- ⊙ Storm / Sanitary Manhole
- ⊙ Sanitary Cleanout
- ⊙ Roadway Sign
- ⊙ Hydrant
- ⊙ Water Meter
- ⊙ Water Shut-Off
- ⊙ Water Valve
- ⊙ Light Post
- ⊙ Telephone Pedestal
- ⊙ Power Pedestal
- ⊙ Heavy Duty Hand Hole
- ⊙ Power Pole w/Light
- ⊙ Power Pole
- ⊙ Mailbox
- ▨ Concrete Pavement / Sidewalk
- ▨ Aggregate Pavement
- 2G — Gas Main, 2"
- Storm Sewer Pipe
- Sanitary Sewer Pipe
- Culvert
- OH — Electric Line, Overhead
- Edge of Pavement / Sidewalk
- Curb and Gutter
- Edge of Gravel
- Ditch Flow Line

**Removals**

- ⊗ Remove Object
- ⊗ Item Removal
- ▨ PCC Sidewalk Removal
- ▨ Bituminous Pavement Surface Removal, 2"
- ▨ Bituminous Pavement Removal, Full Depth
- ▨ Tree/Brush Removal

**Proposed**

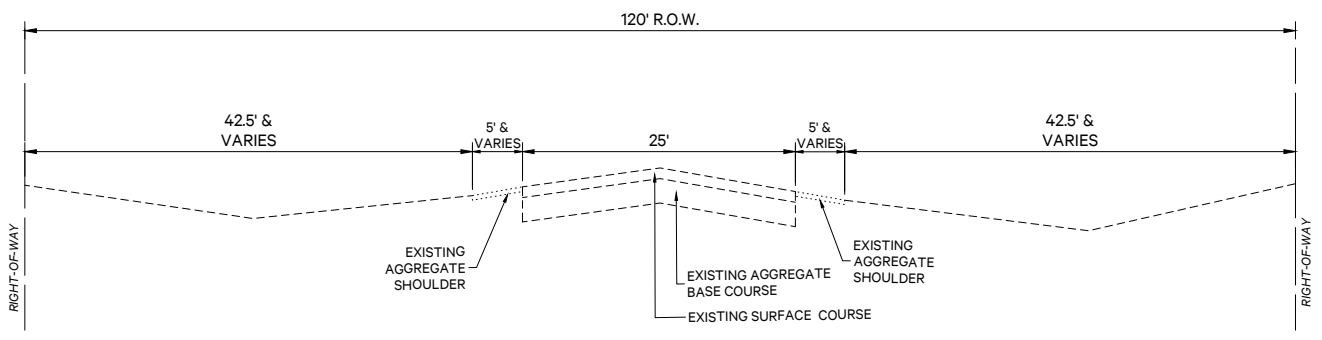
- Limits of Construction
- ▨ Temporary Easement
- FL Flowline
- ME Match Existing
- ↗ New Topography Grade
- ▨ Accessible Ramp Detectable Warnings
- ▨ Proposed Bituminous Pavement
- ▨ Bituminous Surface Restoration, 2"
- ▨ Proposed Edge of Multi-Use Path
- ▨ Curb and Gutter
- ▨ New Concrete
- ⊙ New Flared End Section
- ⊙ New Storm Inlet
- ⊙ New Ditch Flow
- ⊙ New Ditch Flow Line
- ⊙ New Bollard
- ⊙ New Roadway Sign

**Erosion Control**

- ⊙ Ditch Check, Temporary
- ▨ Topsoil Furnish & Place, 6" Seeding, Class 1 and Erosion Control Blanket
- ⊙ Pipe Protection

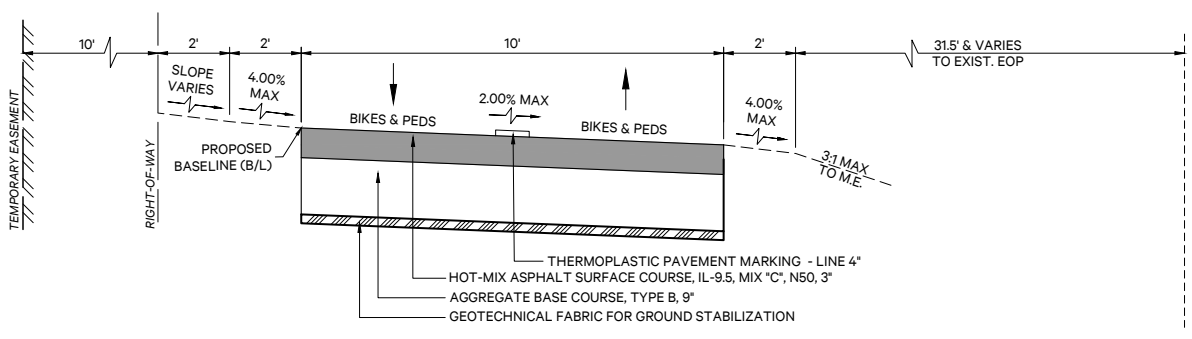
**HMA MIXTURE REQUIREMENT TABLE**

LOCATIONS:	ENTIRE PROJECT
MIXTURE USE(S):	HMA SURFACE
BINDER GRADE (PG):	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION	IL 9.5
MIXTURE GRADATION:	
FRICITION AGGREGATE:	MIXTURE C
MIXTURE WEIGHT:	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCQA
SUBLOT SIZE:	NA
DENSITY TEST METHOD:	LR 1030
MATERIAL TRANSFER DEVICE (REQUIRED):	NO



**EXISTING TYPICAL CROSS SECTION**

IL RTE 1/17  
STA. 319+17.07 TO STA. 334+30.00



**PROPOSED TYPICAL CROSS SECTION**

MULTI-USE PATH  
STA. 319+17.07 TO STA. 334+30.00



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PAVEMENT MARKING ITEMS										
LOCATION					THERMOPLASTIC PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"		
					78000200	78000400	78000600	78000650		
STATION	OFFSET	TO	STATION	OFFSET	FOOT	FOOT	FOOT	FOOT		
318+70.99	61.18' LT		318+87.05	61.17' LT				16		
318+71.04	LT		319+03.14	LT		64	100			
319+20.10	5' LT		319+20.00	56' LT				5		
319+18.72	5' LT		326+50.10	5' LT	183					
326+54.13	5' LT		326+54.13	46' LT				5		
327+15.37	5' LT		327+15.30	56' LT				5		
327+15.37	5' LT		330+88.63	5' LT	96					
330+88.63	5' LT		330+88.63	46' LT				5		
331+05.14	61.23' LT		331+20.87	61.15' LT				16		
331+05.11	LT		331+37.33	LT		65	100			
331+54.31	5' LT		331+54.31	56' LT				5		
331+54.31	5' LT		332+95.21	5' LT	36					
332+95.21	5' LT		332+95.21	46' LT				5		
333+57.28	5' LT		333+57.28	56' LT				5		
333+58.04	5' LT		334+21.04	5' LT	18					
TOTAL					333	129	200	67		

RELOCATION ITEMS					
LOCATION		FIRE HYDRANTS TO BE RELOCATED	RELOCATE EXISTING FLARED END SECTION	RELOCATE EXISTING SIGNS	RELOCATE EXISTING LIGHT POLE WITH LUMINAIRE
		56400400	X0322939	X7240500	X8440110
STATION	OFFSET	EACH	EACH	EACH	EACH
318+67.78	61.50' LT			1	
319+06.50	68.50' LT			1	
319+06.55	63.50' LT			1	
324+44.39	62' LT				1
324+55.72	62' LT				1
326+47.00	58' LT	1			
327+04.49	4' LT				
328+29.68	34.02' LT		1		
331+63.81	33.61' LT		1		
331+01.52	61.30' LT			1	
333+65.32			1		
TOTAL		1	3	4	2

REMOVAL AND ADJUSTMENT ITEMS										
LOCATION					PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	WATER VALVES TO BE ADJUSTED	
					44000100	44000157	44000500	44000600	56109210	
STATION	OFFSET	TO	STATION	OFFSET	SQ YD	SQ YD	FOOT	SQ FT	EACH	
318+37.98	LT		318+68.72	LT				263		
318+68.72	LT		319+08.37	LT	15	105	64			
324+45.04	LT		324+55.55	LT	32				1	
326+43.61	LT									
326+67.08	LT		327+02.59	LT	93					
330+63.45	LT		331+78.88	LT	74	218				
328+27.23	48' LT								1	
328+29.39	48' LT								1	
333+08.17	LT		333+44.21	LT	89		48			
TOTAL					303	323	112	263	3	

TREE REMOVAL ITEMS		
LOCATION		TREE REMOVAL (6 TO 15 UNITS DIAMETER)
		20100110
STATION	OFFSET	UNIT
319+44.12	LT	10
319+46.06	LT	10
322+80.68	LT	10
322+80.85	LT	6
322+83.58	LT	10
322+86.38	LT	10
328+42.10	LT	6
328+46.17	LT	6
328+48.27	LT	6
TOTAL		74

SIGN ITEMS			
LOCATION		SIGN PANEL - TYPE 1	METAL POST - TYPE A
		72000100	72900100
STATION	OFFSET	SQ FT	FOOT
319+20.10	59.75' LT	2.25	7
326+54.13	42.25' LT	2.25	7
327+15.30	59.75' LT	2.25	7
330+88.64	42.25' LT	2.25	7
331+54.27	59.75' LT	2.25	7
332+95.21	42.25' LT	2.25	7
333+57.21	59.75' LT	2.25	7
TOTAL		15.75	49

PAVEMENT ITEMS														
LOCATION					GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	AGGREGATE BASE COURSE, TYPE B 4"	AGGREGATE BASE COURSE, TYPE B 6"	AGGREGATE BASE COURSE, TYPE B 9"	PORTLAND CEMENT CONCRETE BASE COURSE 6"	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	PORTLAND CEMENT CONCRETE PAVEMENT 6"	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	DETECTABLE WARNINGS	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
					21001000	35101600	35101800	35102100	35300100	40604050	42000100	42400200	42400800	60603900
STATION	OFFSET	TO	STATION	OFFSET	SQ YD	SQ YD	SQ YD	SQ YD	TON	SQ YD	SQ FT	SQ FT	SQ FT	FOOT
318+37.98	LT		318+87.46	LT		47			8	7	301	20	32	
318+87.46	LT		319+17.07	LT		35			8	7	188	20	32	
319+17.07	LT		326+57.13	LT	845		845		146					
326+57.13	LT		327+12.41	LT	93	22	93			93	201	40		
327+12.41	LT		330+91.64	LT	421		421		73					
330+91.64	LT		331+21.35	LT		64		30	16		187	20	76	
331+21.35	LT		331+51.35	LT		62		31	16		158	20	76	
331+51.35	LT		332+98.21	LT	163		163		28					
332+98.21	LT		333+54.29	LT	90	33	90			90	221	40	48	
333+54.29	LT		334+30.00	LT	84		84		14					
TOTAL					1,696	263	183	1,513	77	307	183	1,256	160	264

BOLLARD ITEMS		
LOCATION		BOLLARDS, QUICK RELEASE
		X0322135
STATION	OFFSET	EACH
318+63.24	5' LT	1
319+18.10	5' LT	1
326+56.13	5' LT	1
327+13.38	5' LT	1
330+90.64	5' LT	1
331+52.35	5' LT	1
332+97.21	5' LT	1
333+55.29	5' LT	1
334+29.00	5' LT	3
TOTAL		11



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815.614.3735

Rev	Issued	Description
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2	07.26.21	per Easements
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4	01.19.22	per IDOT Review

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**MULTI-USE PATH**

E. Taylor St.  
(IL Route 1/17)  
Grant Park, Illinois 60940

**VILLAGE OF GRANT PARK**

106 West Taylor Street  
Grant Park, Illinois 60940

Project:	17130.0301
Issued:	Preliminary
Drawn by:	JGW/LMM
Checked by:	TJL

**SCHEDULE OF QUANTITIES**

P:\007\17130\0301\Drawings\17130.0301 Plan.dwg, 6\_Schedule of Quantities, 1/17/2022 3:06:46 PM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	17-00016-00-BT	KANKAKEE	28	6
		ILLINOIS	CONTRACT NO. 87759	



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**SCHEDULE OF QUANTITIES**

STORM SEWER ITEMS											
LOCATION					INLET AND PIPE PROTECTION	PRECAST REINFORCED CONCRETE FLARED END SECTION 12"	STORM SEWERS, CLASS A, TYPE 1 12"	STORM SEWERS, CLASS A, TYPE 1 15"	STORM SEWERS, CLASS A, TYPE 1 24"	INLETS, TYPE A, TYPE 8 GRATE	
					28000500	54213657	550A0050	550A0070	550A0120	60236200	
STATION	OFFSET	TO	STATION	OFFSET	EACH	EACH	FOOT	FOOT	FOOT	EACH	
320+32.14	28' LT				1						
325+30.47	58.50' LT				1					1	
325+30.47	58.50' LT		325+52.24	36.15' LT			24				
325+52.24	36.15' LT					1					
327+26.25	34' LT				1						
328+24.53	43.52' LT		328+28.34	36.49' LT				8			
330+89.67	36' LT				1						
331+53.53	33.71' LT		331+61.52	34' LT					8		
332+94.97	34' LT				1						
333+55.14	33.09' LT		333+63.13	33.37' LT					8		
<b>TOTAL</b>					5	1	24	8	16	1	

LIGHTING ITEMS						
LOCATION		HANDHOLE	LUMINAIRE, LED, SPECIAL	LIGHTING ASSEMBLY (SPECIAL)	LIGHT POLE FOUNDATION, SPECIAL	
		81400100	X1400238	X1400431	X8360110	
STATION	OFFSET	EACH	EACH	EACH	FOOT	
319+80.00	58' LT		1	1	5	
320+80.00	58' LT		1	1	5	
321+80.00	58' LT		1	1	5	
322+88.00	58' LT		1	1	5	
323+80.00	58' LT		1	1	5	
324+94.00	58' LT		1	1	5	
325+94.00	58' LT		1	1	5	
326+24.00	58' LT	1				
328+80.00	58' LT		1	1	5	
329+80.00	58' LT		1	1	5	
332+30.00	58' LT		1	1	5	
<b>TOTAL</b>		1	10	10	50	

LANDSCAPING ITEMS											
LOCATION					TOPSOIL FURNISH AND PLACE, 4"	SEEDING, CLASS 1	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET	
					21101615	25000100	25000400	25000500	25000600	25100630	
STATION	OFFSET	TO	STATION	OFFSET	SQ YD	ACRE	POUND	POUND	POUND	SQ YD	
318+37.98	34.13' LT		318+69.74	56.50' LT	36	0.01	1	1	1	36	
319+04.64	56.50' LT		324+45.54	56.00' LT	424	0.09	8	8	8	424	
319+04.75	45.50' LT		324+45.92	46.00' LT	1,189	0.25	23	23	23	1,189	
324+54.89	56.00' LT		326+67.17	56.00' LT	317	0.07	6	6	6	317	
324+55.27	46.00' LT		326+67.13	46.00' LT	369	0.08	7	7	7	369	
327+02.21	56.00' LT		331+03.62	56.50' LT	417	0.09	8	8	8	417	
327+02.38	46.00' LT		331+03.45	45.50' LT	960	0.20	18	18	18	960	
331+38.83	56.50' LT		333+08.30	56.50' LT	249	0.05	5	5	5	249	
331+39.10	45.50' LT		333+08.22	45.50' LT	414	0.09	8	8	8	414	
333+44.27	56.50' LT		334+47.36	69.50' LT	351	0.07	6	6	6	351	
<b>TOTAL</b>					4,726	1.00	90	90	90	4,726	

EROSION CONTROL ITEMS								
LOCATION					TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS		
					28000250	28000305		
STATION	OFFSET	TO	STATION	OFFSET	POUND	FOOT		
318+37.98	34.13' LT		318+69.74	56.50' LT	1			
319+04.64	56.50' LT		324+45.54	56.00' LT	9			
319+04.75	45.50' LT		324+45.92	46.00' LT	25			
321+17.24	33.29' LT					20		
322+87.66	32.49' LT					20		
324+54.89	56.00' LT		326+67.17	56.00' LT	7			
324+55.27	46.00' LT		326+67.13	46.00' LT	8			
327+02.21	56.00' LT		331+03.62	56.50' LT	9			
327+02.38	46.00' LT		331+03.45	45.50' LT	20			
327+78.74	32.16' LT					20		
328+86.56	33.67' LT					20		
329+66.42	34.46' LT					20		
330+42.64	35.21' LT					20		
331+38.83	56.50' LT		333+08.30	56.50' LT	5			
331+39.10	45.50' LT		333+08.22	45.50' LT	9			
332+25.35	33.82' LT					20		
333+44.27	56.50' LT		334+47.36	69.50' LT	7			
<b>TOTAL</b>					100	140		

EARTHWORK TABLE SHOWN FOR INFORMATION ONLY:  
 COLUMN 1: LOCATION FROM PLANS  
 COLUMN 2: CUT QUANTITIES (INCLUDES TOPSOIL, DOES NOT INCLUDE PAVEMENT REMOVAL OR SIDEWALK REMOVAL)  
 COLUMN 3: =75% $\times$ 2, EARTH EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED 25% FOR SHRINKAGE  
 COLUMN 4: FILL QUANTITIES FROM CROSS SECTIONS  
 COLUMN 5: OFF-SITE MATERIAL NEEDED OR MATERIAL TO WASTE  
 COLUMN 6: FILL QUANTITIES (DOES NOT INCLUDE TOPSOIL)

EARTHWORK ITEMS														
1					2		3		4		5		6	
LOCATION					EARTH EXCAVATION	ESTIMATED CUT MATERIAL FOR EMBANKMENT ADJUSTED FOR SHRINKAGE (25%)		EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)		FURNISHED EXCAVATION			
					20200100						20400800			
STATION	OFFSET	TO	STATION	OFFSET	CU YD	SQ YD	CU YD	CU YD	CU YD	CU YD				
318+37.98	LT/RT		326+84.78	LT/RT	280	210	287	-77	77					
326+84.78	LT/RT		331+21.35	LT/RT	119	89	306	-217	217					
331+21.35	LT/RT		333+26.23	LT/RT	17	13	105	-92	92					
333+26.23	LT/RT		334+30.00	LT/RT	10	8	79	-71	71					
<b>TOTAL</b>					426	320	777	-457	457					



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	17-00016-00-BT	KANKAKEE	28	7
		ILLINOIS	CONTRACT NO. 87759	



Rev	Issued	Description
1	12.17.20	per IDOT review
2	07.26.21	per Easements
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4	01.19.22	per IDOT Review

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**MULTI-USE PATH**

E. Taylor St.  
(IL Route 1/17)  
Grant Park, Illinois 60940

**VILLAGE OF GRANT PARK**

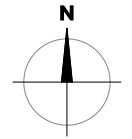
106 West Taylor Street  
Grant Park, Illinois 60940

Project: 17130.0301

Issued: Preliminary

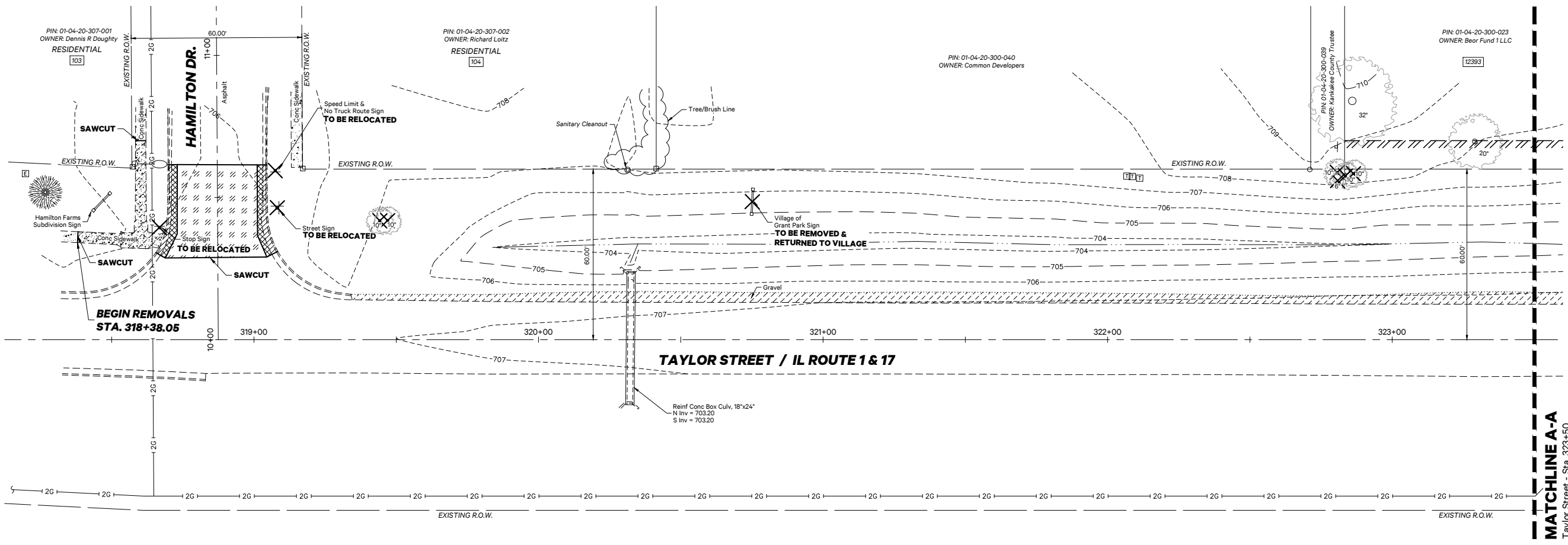
Drawn by: JGW/LMM

Checked by: T.JL



Scale: 1"=20'  
0 10 20 40

**EXISTING CONDITIONS & REMOVALS PLAN**



**SYMBOLS & LEGEND**

**Existing**

- Iron Pipe (Found)
- Iron Rod (Found)
- ⊕ Storm Inlet
- ⊕ Flared End Section
- ⊕ Storm / Sanitary Manhole
- ⊕ Sanitary Cleanout
- ⊕ Roadway Sign
- ⊕ Hydrant
- ⊕ Water Meter
- ⊕ Water Shut-Off
- ⊕ Water Valve
- ⊕ Light Post
- ⊕ Telephone Pedestal
- ⊕ Power Pedestal
- ⊕ Heavy Duty Hand Hole
- ⊕ Power Pole w/Light
- ⊕ Power Pole

- ✉ Mailbox
- ▨ Concrete Pavement / Sidewalk
- ▨ Aggregate Pavement
- 2G — Gas Main, 2"
- S — Storm Sewer Pipe
- SS — Sanitary Sewer Pipe
- C — Culvert
- OH — Electric Line, Overhead
- — Edge of Pavement / Sidewalk
- — Curb and Gutter
- — Edge of Gravel
- — Ditch Flow Line

**Removals**

- ✕ Remove Object
- ▨ Item Removal
- ▨ PCC Sidewalk Removal
- ▨ Bituminous Pavement Surface Removal, 2"
- ▨ Bituminous Pavement Removal, Full Depth
- ▨ Tree/Brush Removal



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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	17-00016-00-BT	KANKAKEE	28	8
		ILLINOIS	CONTRACT NO. 87759	



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**MULTI-USE PATH**

E. Taylor St.  
(IL Route 1/17)  
Grant Park, Illinois 60940

**VILLAGE OF GRANT PARK**

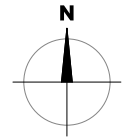
106 West Taylor Street  
Grant Park, Illinois 60940

Project: 17130.0301

Issued: Preliminary

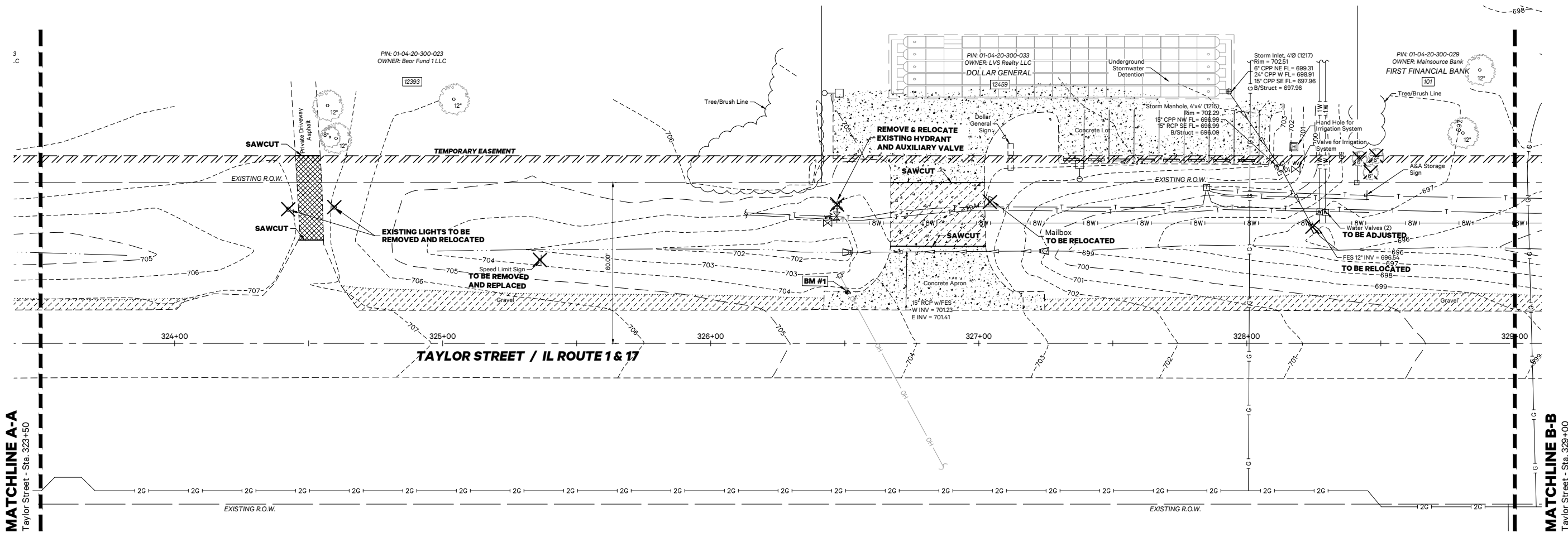
Drawn by: JGW/LMM

Checked by: TJL



Scale: 1"=20'  
0 10 20 40

**EXISTING CONDITIONS & REMOVALS PLAN**



**SYMBOLS & LEGEND**

**Existing**

- Iron Pipe (Found)
- Iron Rod (Found)
- ⊕ Storm Inlet
- ⊕ Flared End Section
- ⊕ Storm / Sanitary Manhole
- ⊕ Sanitary Cleanout
- ⊕ Roadway Sign
- ⊕ Hydrant
- ⊕ Water Meter
- ⊕ Water Shut-Off
- ⊕ Water Valve
- ⊕ Light Post
- ⊕ Telephone Pedestal
- ⊕ Power Pedestal
- ⊕ Heavy Duty Hand Hole
- ⊕ Power Pole w/Light
- ⊕ Power Pole

- ⊕ Mailbox
- ▨ Concrete Pavement / Sidewalk
- ▨ Aggregate Pavement
- 2G — Gas Main, 2"
- Storm Sewer Pipe
- Sanitary Sewer Pipe
- Culvert
- OH — Electric Line, Overhead
- Edge of Pavement / Sidewalk
- ▨ Curb and Gutter
- Edge of Gravel
- Ditch Flow Line

**Removals**

- ✕ Remove Object
- ▨ Item Removal
- ▨ PCC Sidewalk Removal
- ▨ Bituminous Pavement Surface Removal, 2"
- ▨ Bituminous Pavement Removal, Full Depth
- ▨ Tree/Brush Removal

**MATCHLINE A-A**  
Taylor Street - Sta. 323+50

**MATCHLINE B-B**  
Taylor Street - Sta. 329+00

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	17-00016-00-BT	KANKAKEE	28	9
		ILLINOIS	CONTRACT NO. 87759	



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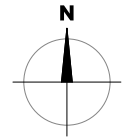
106 West Taylor Street  
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Project: 17130.0301

Issued: Preliminary

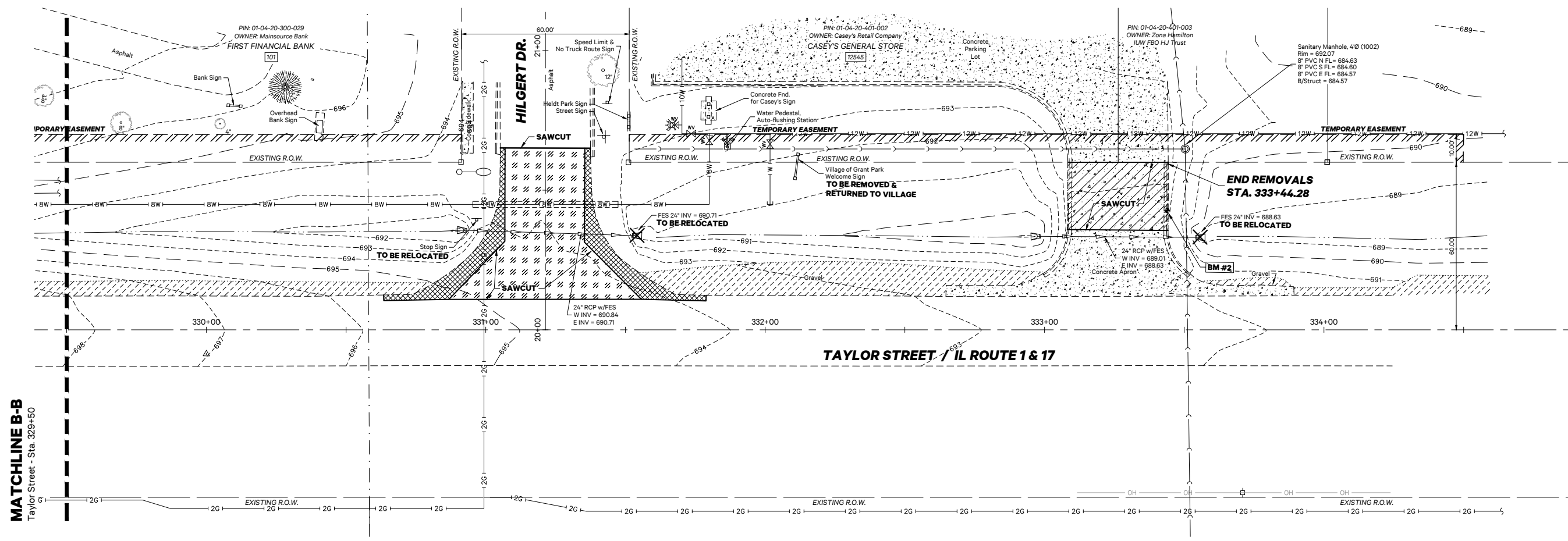
Drawn by: JGW/LMM

Checked by: TJL



Scale: 1"=20'  
0 10 20 40

**EXISTING CONDITIONS & REMOVALS PLAN**



**MATCHLINE B-B**  
Taylor Street - Sta. 329+50

**SYMBOLS & LEGEND**

Existing	
	Iron Pipe (Found)
	Iron Rod (Found)
	Storm Inlet
	Flared End Section
	Storm / Sanitary Manhole
	Sanitary Cleanout
	Roadway Sign
	Hydrant
	Water Meter
	Water Shut-Off
	Water Valve
	Light Post
	Telephone Pedestal
	Power Pedestal
	Heavy Duty Hand Hole
	Power Pole w/Light
	Power Pole

Removals	
	Remove Object
	Item Removal
	PCC Sidewalk Removal
	Bituminous Pavement Surface Removal, 2"
	Bituminous Pavement Removal, Full Depth
	Tree/Brush Removal

	Mailbox
	Concrete Pavement / Sidewalk
	Aggregate Pavement
	Gas Main, 2"
	Storm Sewer Pipe
	Sanitary Sewer Pipe
	Culvert
	Electric Line, Overhead
	Edge of Pavement / Sidewalk
	Curb and Gutter
	Edge of Gravel
	Ditch Flow Line



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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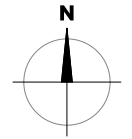
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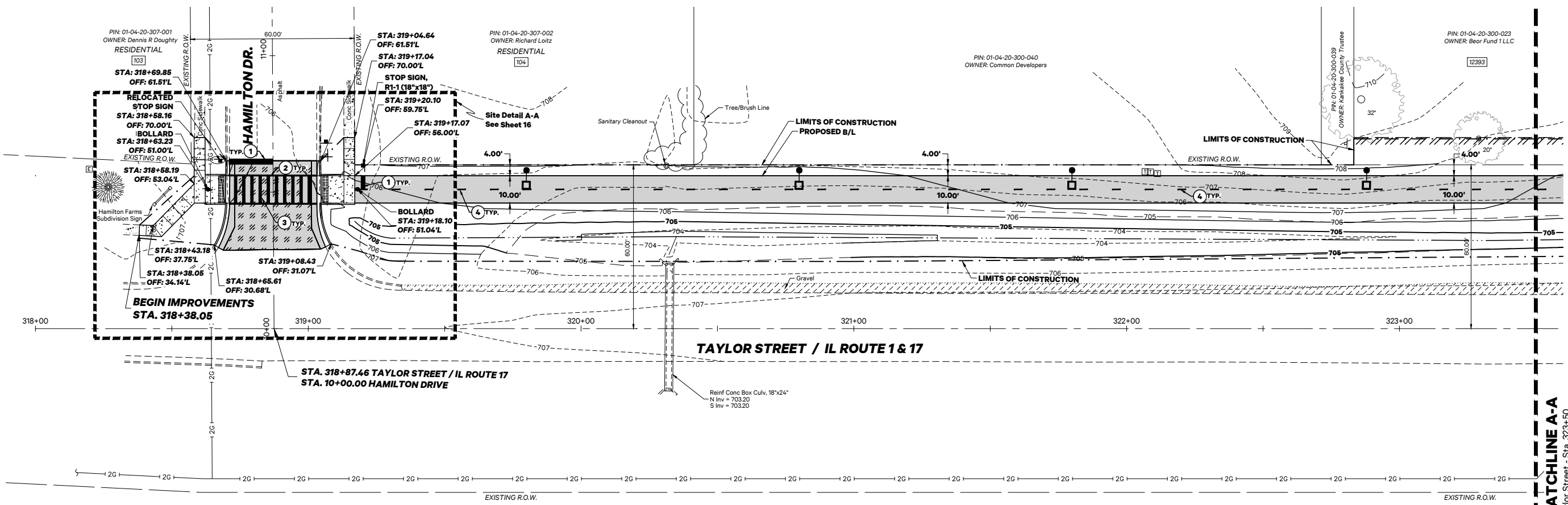
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Grant Park, Illinois 60940

Project: 17130.0301  
Issued: Preliminary  
Drawn by: JGW/LMM  
Checked by: TJL



Scale: 1"=20'  
0 10 20 40

**GEOMETRIC SITE PLAN**



**SYMBOLS & LEGEND**  
Proposed

- Limits of Construction
- Temporary Easement
- FL Flowline
- ME Match Existing
- New Topography Grade
- Accessible Ramp Detectable Warnings
- Proposed Bituminous Pavement
- Bituminous Surface Restoration, 2"
- Proposed Edge of Multi-Use Path
- Curb and Gutter
- New Concrete
- New Flared End Section
- New Storm Inlet
- New Ditch Flow
- New Ditch Flow Line
- New Bollard
- New Roadway Sign

**STRIPING LEGEND**

- ① 24" White
- ② 6" White
- ③ 12" White
- ④ 4" Yellow (3' Line @ 9' Spacing)

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332	17-00016-00-BT	KANKAKEE	28	11
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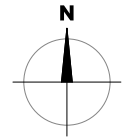
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Project: 17130.0301

Issued: Preliminary

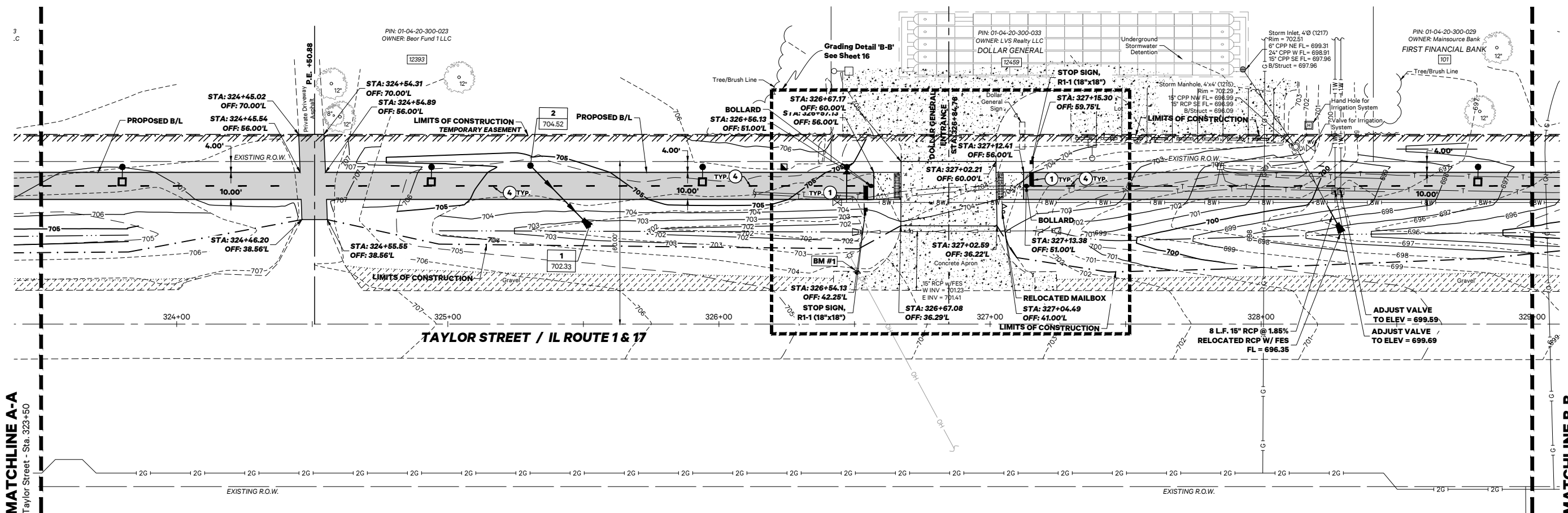
Drawn by: JGW/LMM

Checked by: TJJ



Scale: 1"=20'  
0 10 20 40

**GEOMETRIC SITE PLAN**



**SYMBOLS & LEGEND**

- Proposed**
- Limits of Construction
  - Temporary Easement
  - Flowline
  - Match Existing
  - New Topography Grade
  - Accessible Ramp Detectable Warnings
  - Proposed Bituminous Pavement
  - Bituminous Surface Restoration, 2"
  - Proposed Edge of Multi-Use Path
  - Curb and Gutter
  - New Concrete
  - New Flared End Section
  - New Storm Inlet
  - New Ditch Flow
  - New Ditch Flow Line
  - New Bollard
  - New Roadway Sign

**STRIPING LEGEND**

- 1 24" White
- 2 6" White
- 3 12" White
- 4 4" Yellow (3' Line @ 9' Spacing)

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	17-00016-00-BT	KANKAKEE	28	12
		ILLINOIS	CONTRACT NO. 87759	



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586 William Latham Drive, Suite 8  
Bourbonnais, IL 60914

O 815.614.3447  
F 815.614.3735

Rev	Issued	Description
1	12.17.20	per IDOT review
2	07.26.21	per Easements
3	11.05.21	per Lighting
4	01.19.22	per IDOT Review

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**MULTI-USE PATH**

E. Taylor St.  
(IL Route 1/17)  
Grant Park, Illinois 60940

**VILLAGE OF GRANT PARK**

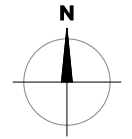
106 West Taylor Street  
Grant Park, Illinois 60940

Project: 17130.0301

Issued: Preliminary

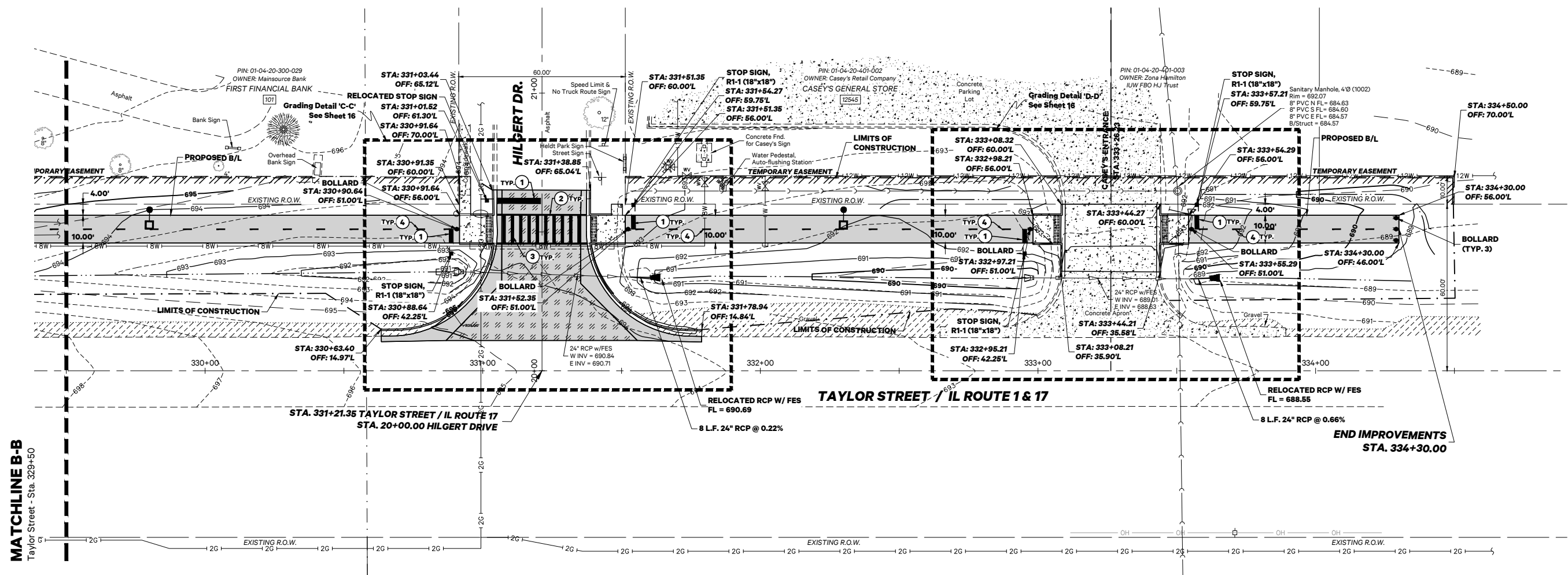
Drawn by: JGW/LMM

Checked by: T.J.L.



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**GEOMETRIC SITE PLAN**



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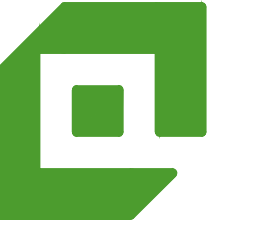
**MATCHLINE B-B**  
Taylor Street - Sta. 329+50

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	17-00016-00-BT	KANKAKEE	28	14
		ILLINOIS	CONTRACT NO. 87759	

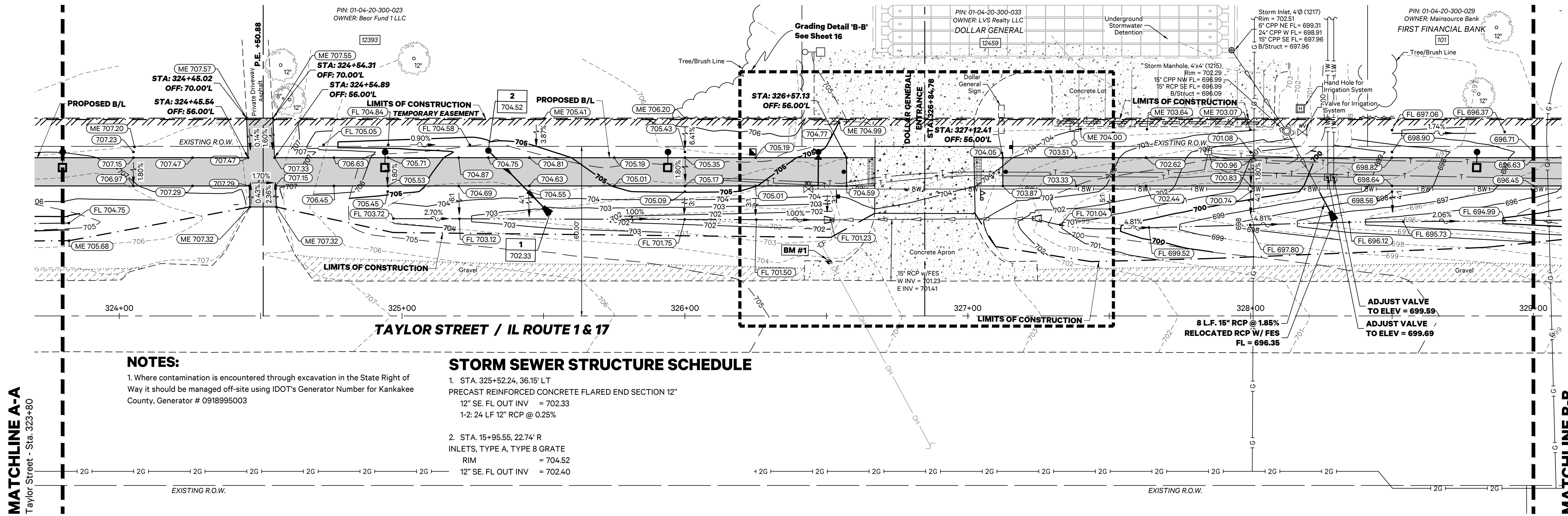


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**NOTES:**

1. Where contamination is encountered through excavation in the State Right of Way it should be managed off-site using IDOT's Generator Number for Kankakee County, Generator # 0918995003

**STORM SEWER STRUCTURE SCHEDULE**

- STA. 325+52.24, 36.15' LT  
PRECAST REINFORCED CONCRETE FLARED END SECTION 12"  
12" SE, FL OUT INV = 702.33  
1-2: 24 LF 12" RCP @ 0.25%
- STA. 15+95.55, 22.74' R  
INLETS, TYPE A, TYPE 8 GRATE  
RIM = 704.52  
12" SE, FL OUT INV = 702.40

**MATCHLINE A-A**  
Taylor Street - Sta. 323+80

**MATCHLINE B-B**  
Taylor Street - Sta. 329+00

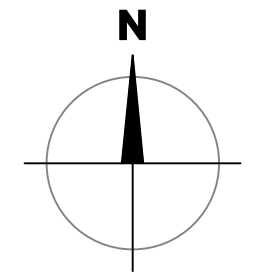
**MULTI-USE PATH**

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Grant Park, Illinois 60940

**VILLAGE OF GRANT PARK**

106 West Taylor Street  
Grant Park, Illinois 60940

Project: 17130.0301  
Issued: Preliminary  
Drawn by: JGW/LMM  
Checked by: TJL



Scale: 1"=20'  
0 10 20 40

**PLAN & PROFILE**

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F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	17-00016-00-BT	KANKAKEE	28	15
		ILLINOIS	CONTRACT NO. 87759	

**PIGGUSH ENGINEERING**

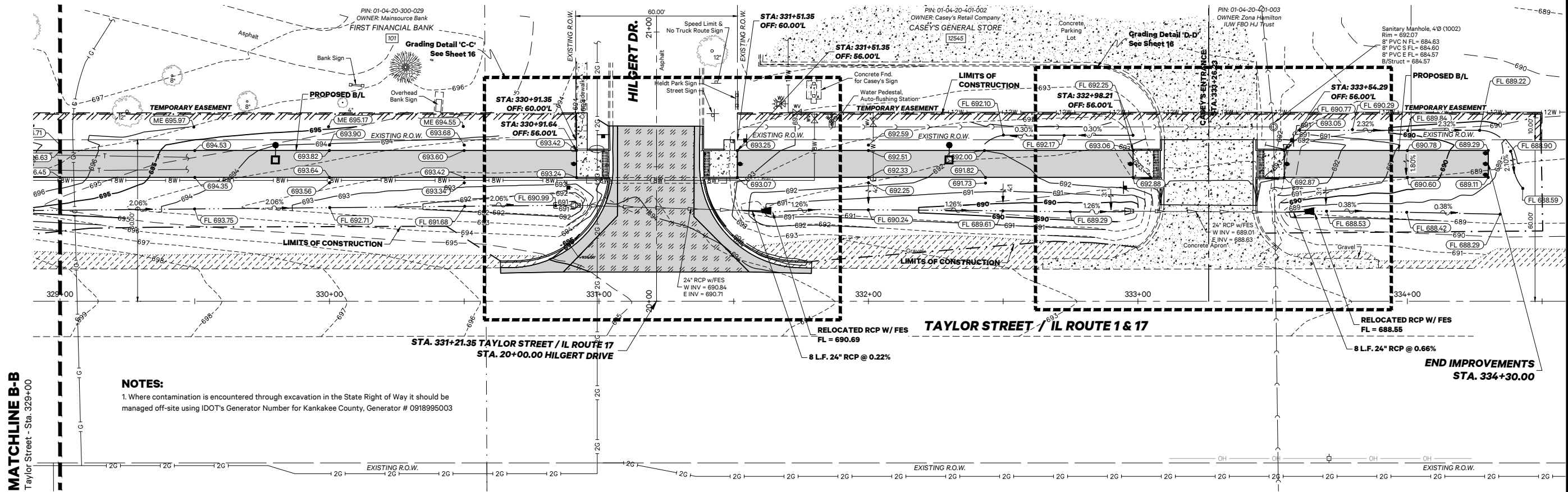


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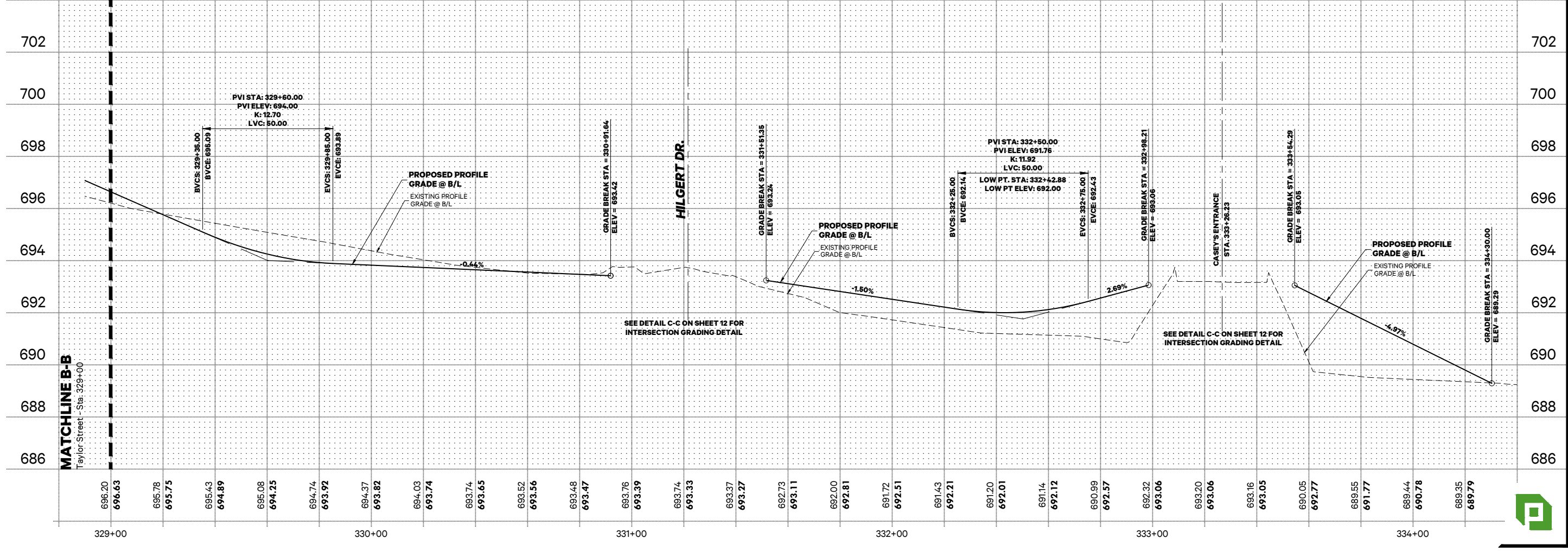
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**MATCHLINE B-B**  
Taylor Street - Sta. 329+00



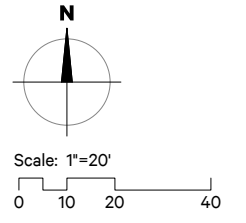
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**PLAN & PROFILE**

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332	17-00016-00-BT	KANKAKEE	28	16
		ILLINOIS	CONTRACT NO. 87759	



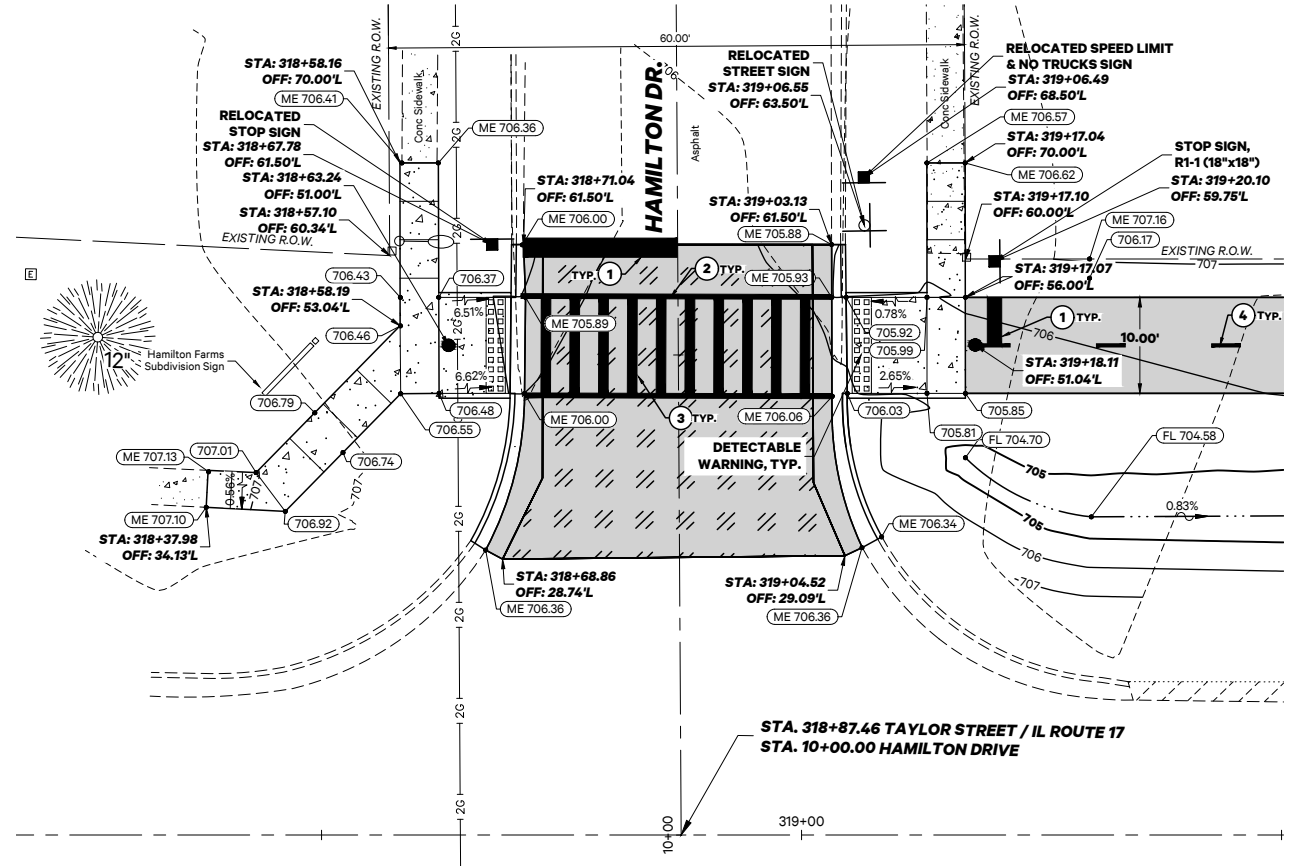
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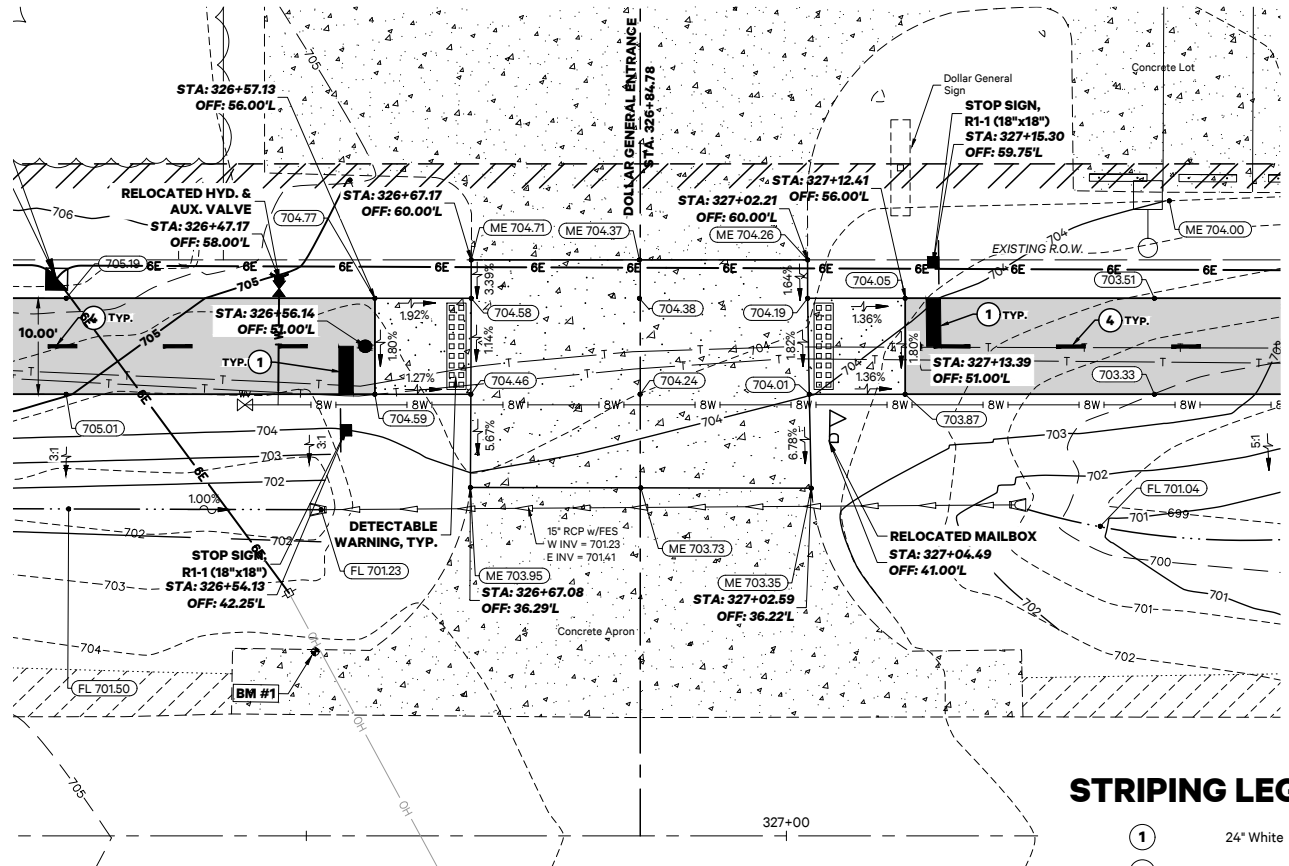
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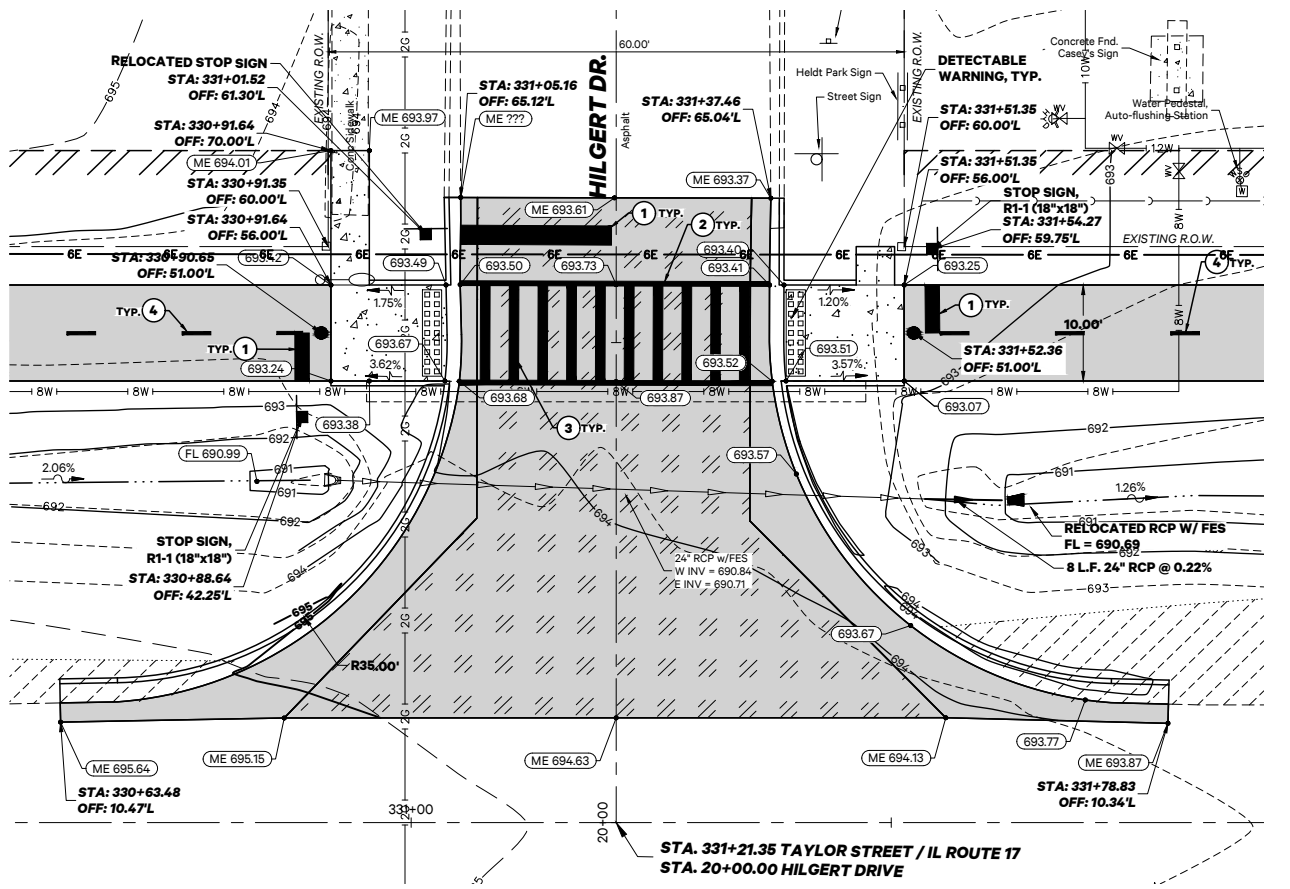
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HAMILTON DR. STA: 318+37.98 TO 319+17.07**



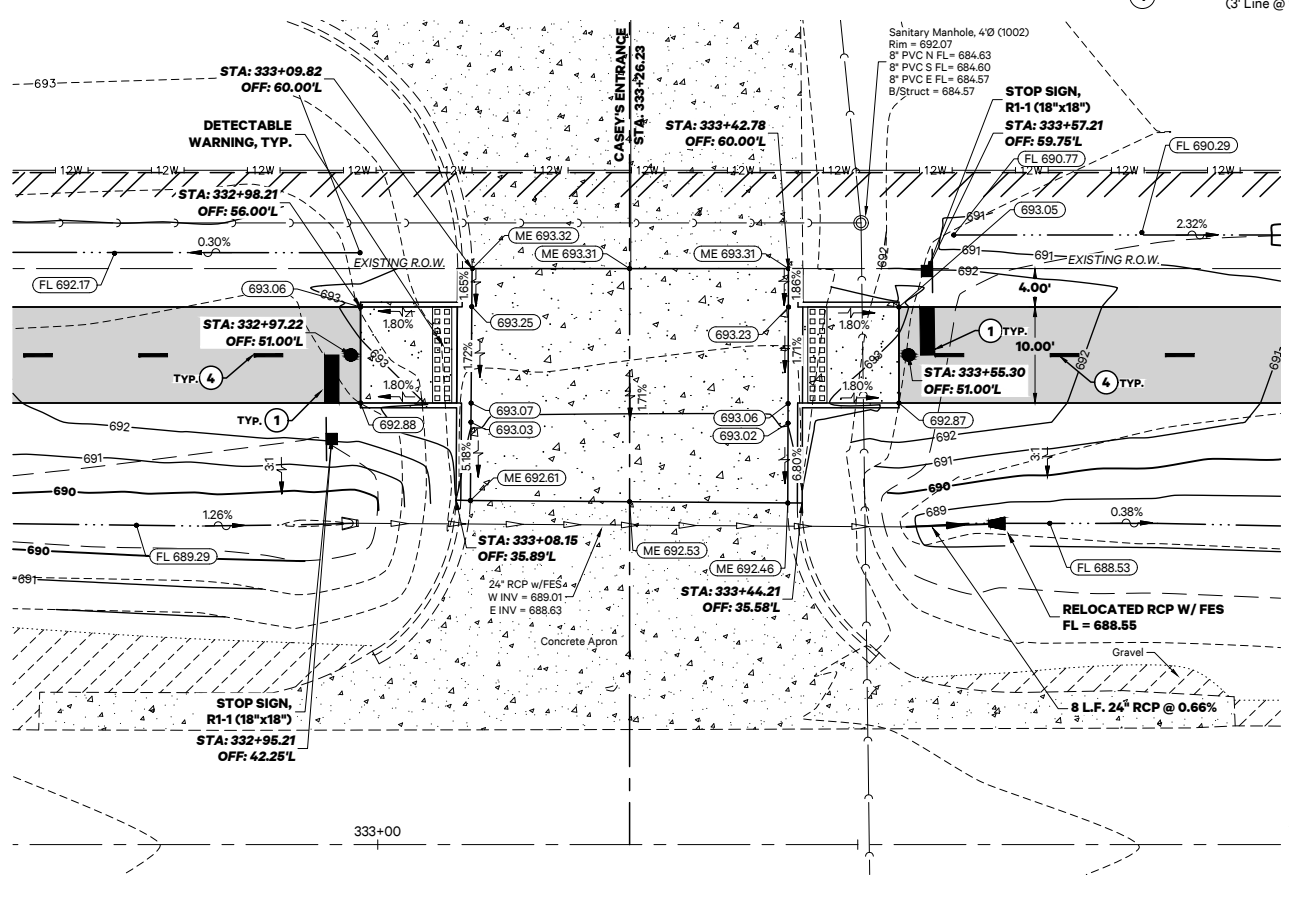
**INTERSECTION GRADING DETAIL B-B  
DOLLAR GENERAL ENTRANCE STA: 326+57.13 TO 327+12.41**



**INTERSECTION GRADING DETAIL A-A  
HILGERT DR. STA: 330+91.64 TO 331+51.35**



**INTERSECTION GRADING DETAIL D-D  
CASEY'S ENTRANCE STA: 332+98.21 TO 333+54.29**



**STRIPING LEGEND**

- ① 24" White
- ② 6" White
- ③ 12" White
- ④ 4" Yellow (3' Line @ 9' Spacing)

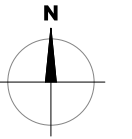
**MULTI-USE PATH**

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Grant Park, Illinois 60940

**VILLAGE OF GRANT PARK**

106 West Taylor Street  
Grant Park, Illinois 60940

Project: 17130.0301  
Issued: Preliminary  
Drawn by: JGW/LMM  
Checked by: T.JL



Scale: 1"=10'  
0 5 10 20

**INTERSECTION GRADING DETAILS**



F.A.P RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	17-00016-00-BT	KANKAKEE	28	17
		ILLINOIS	CONTRACT NO. 87759	

## 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 shall be temporarily seeded if they are to remain unused 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. C. 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 **1.54±** 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.

## CERTIFICATIONS/AGREEMENTS AND NOTIFICATION

### CONSTRUCTION OPERATOR(S) CERTIFICATION:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

### SUBCONTRACTOR CERTIFICATION:

Project Number: \_\_\_\_\_

Project Title: \_\_\_\_\_

Operator(s): \_\_\_\_\_

As a subcontractor, you are required to comply with the Stormwater Pollution Prevention Plan (SWPPP) for any work that you perform on-site. Any person or group who violates any condition of the SWPPP may be subject to substantial penalties or loss of contract. You are encouraged to advise each of your employees working on this project of the requirements of the SWPPP. A copy of the SWPPP is available for your review at the office trailer. Each subcontractor engaged in activities at the construction site that could impact stormwater must be identified and sign the following certification statement:

I certify under the penalty of law that I have read and understand the terms and conditions of the SWPPP for the above designated project and agree to follow the BMPS and practices described in the SWPPP.

This certification is hereby signed in reference to the above named project:

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone number: \_\_\_\_\_

Type of construction service to be provided: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_

**PIGGUSH  
ENGINEERING**



**PiggushEng.com**

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## MULTI-USE PATH

E. Taylor St.  
(IL Route 1/17)  
Grant Park, Illinois 60940

## VILLAGE OF GRANT PARK

106 West Taylor Street  
Grant Park, Illinois 60940

Project: 17130.0301

Issued: Preliminary

Drawn by: JGW/LMM

Checked by: T.JL

**EROSION  
CONTROL  
STANDARDS**



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	17-00016-00-BT	KANKAKEE	28	18
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**VILLAGE OF GRANT PARK**

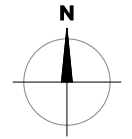
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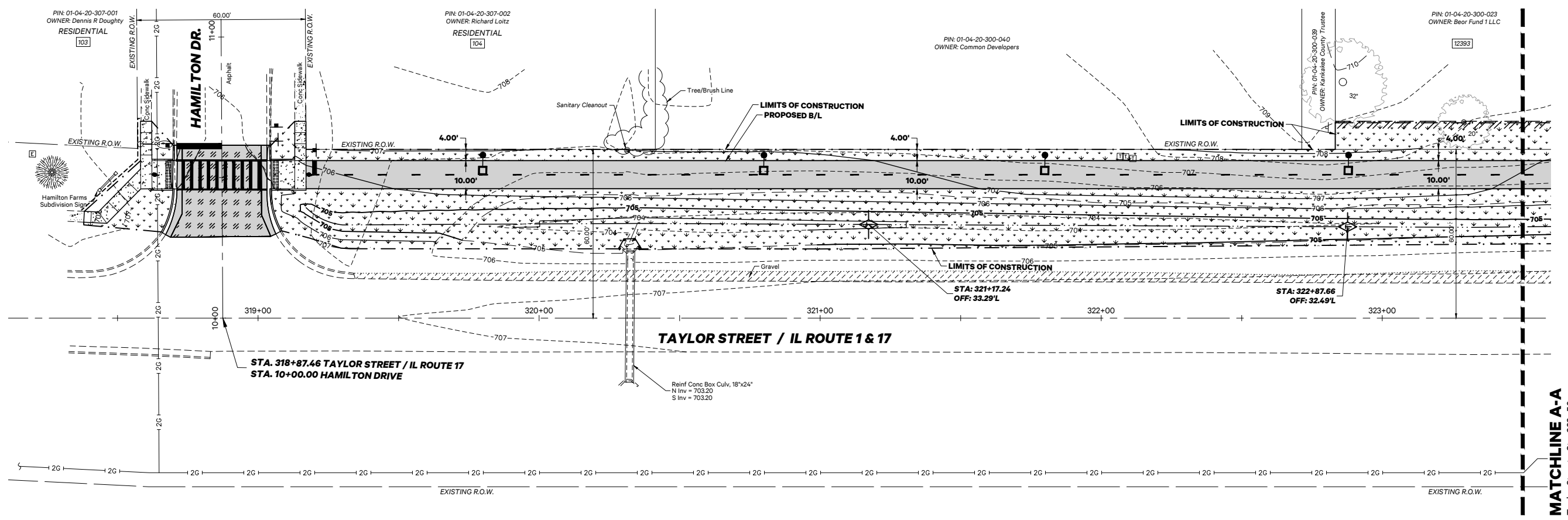
Drawn by: JGW/LMM

Checked by: TJL



Scale: 1"=20'  
0 10 20 40

**EROSION CONTROL PLAN**



**SYMBOLS & LEGEND**  
**Erosion Control**

- Ditch Check, Temporary
- Topsoil Furnish & Place, 6" Seeding, Class 1 and Erosion Control Blanket
- Pipe Protection

**MATCHLINE A-A**  
Taylor Street - Sta. 323+50



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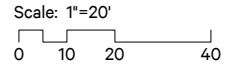
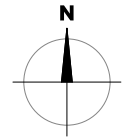
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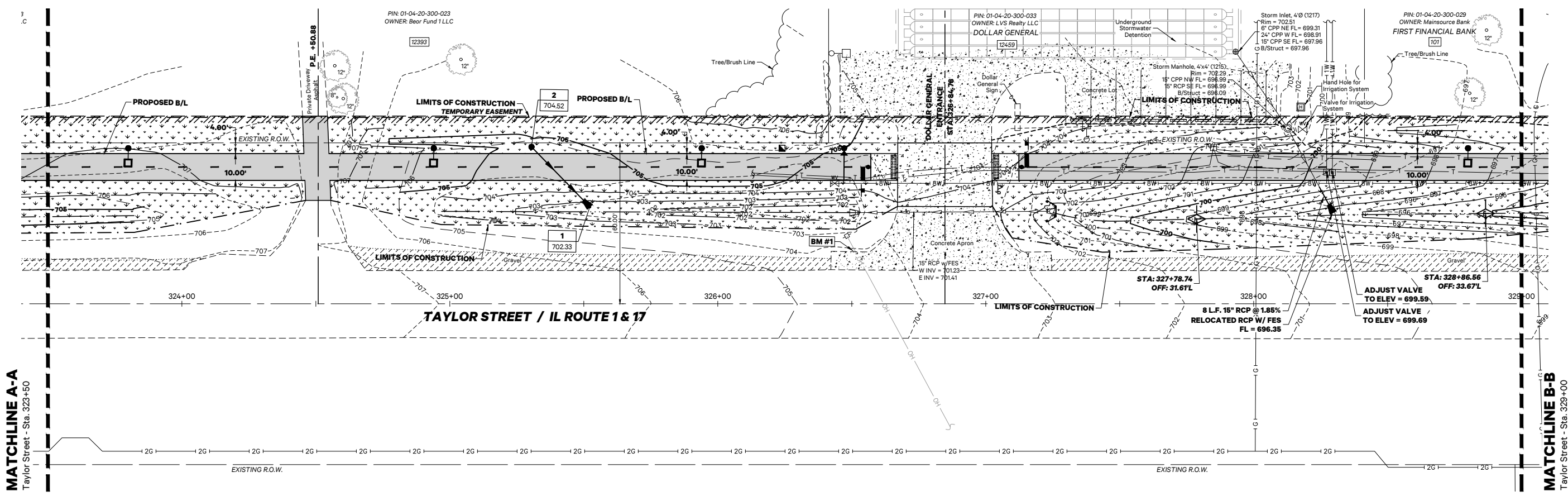
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Checked by: TJL



**EROSION CONTROL PLAN**



**SYMBOLS & LEGEND**  
**Erosion Control**

- Ditch Check, Temporary
- Topsoil Furnish & Place, 6" Seeding, Class 1 and Erosion Control Blanket
- Pipe Protection

**MATCHLINE A-A**  
Taylor Street - Sta. 323+50

**MATCHLINE B-B**  
Taylor Street - Sta. 329+00



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Bourbonnais, IL 60914

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F 815.614.3735

Rev	Issued	Description
1	12.17.20	per IDOT review
2	07.26.21	per Easements
3	11.05.21	per Lighting
4	01.19.22	per IDOT Review

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**MULTI-USE PATH**

E. Taylor St.  
(IL Route 1/17)  
Grant Park, Illinois 60940

**VILLAGE OF GRANT PARK**

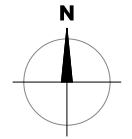
106 West Taylor Street  
Grant Park, Illinois 60940

Project: 17130.0301

Issued: Preliminary

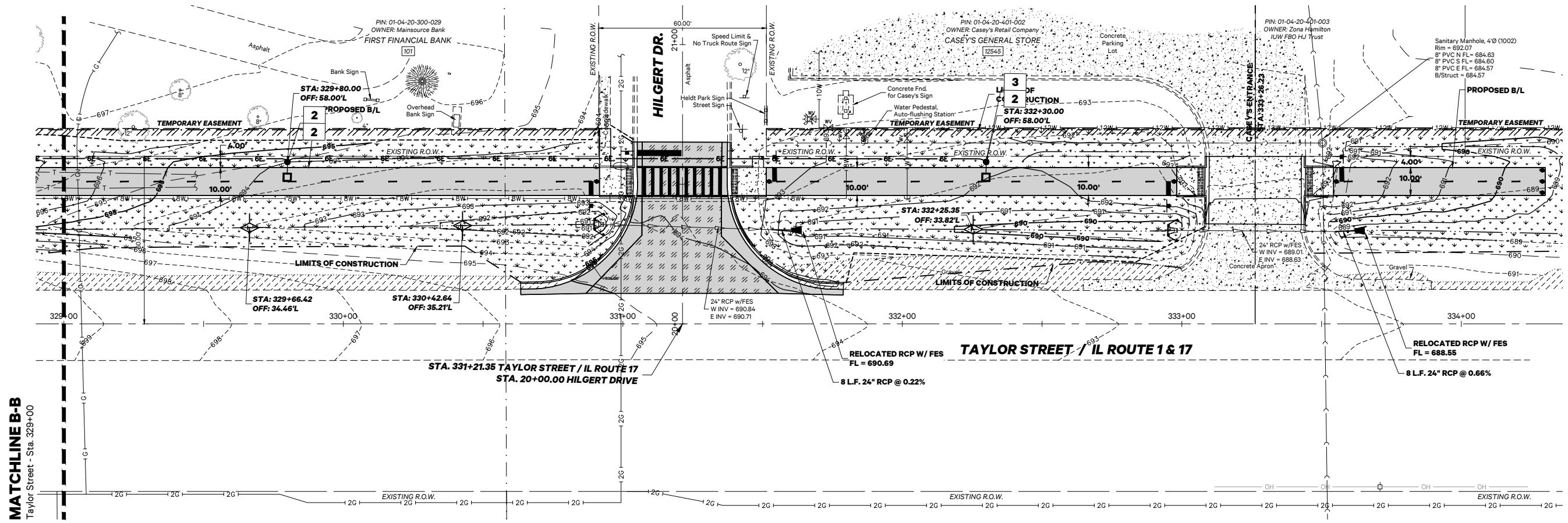
Drawn by: JGW/LMM

Checked by: TJL






Scale: 1"=20'  
0 10 20 40

**EROSION CONTROL PLAN**



**SYMBOLS & LEGEND**  
**Erosion Control**

-  Ditch Check, Temporary
-  Topsoil Furnish & Place, 6" Seeding, Class 1 and Erosion Control Blanket
-  Pipe Protection





F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	17-00016-00-BT	KANKAKEE	28	21
		ILLINOIS	CONTRACT NO. 87759	



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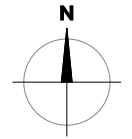
106 West Taylor Street  
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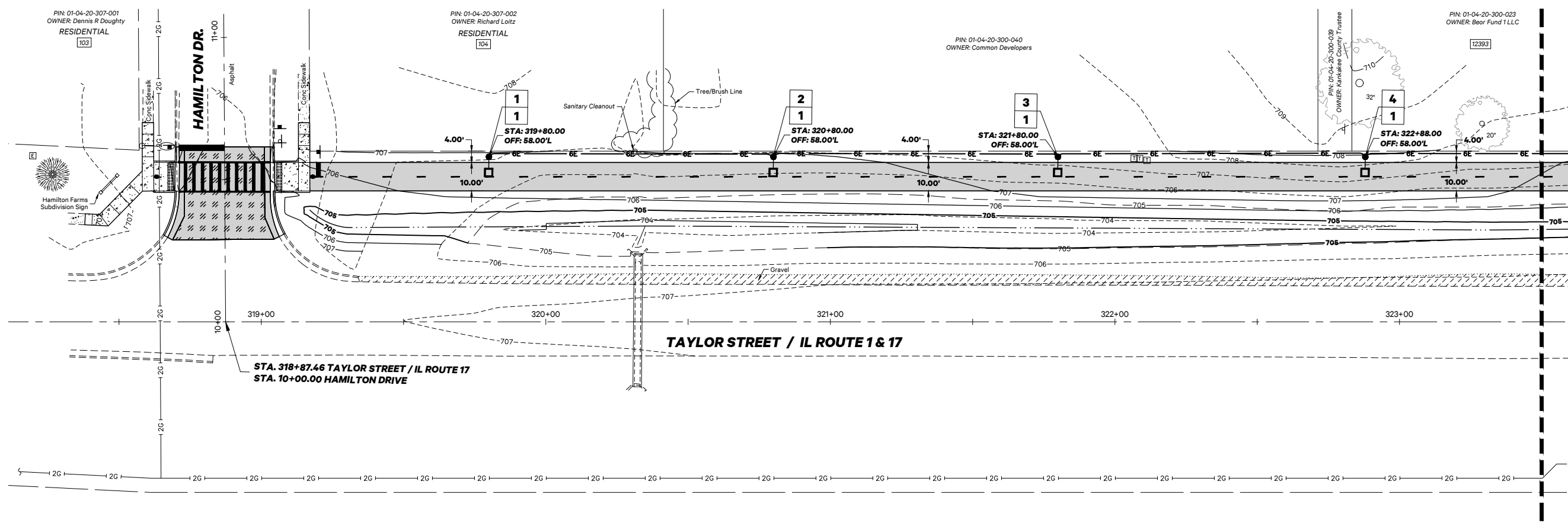
Drawn by: JGW/LMM

Checked by: T.JL



Scale: 1"=20'  
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**LIGHTING PLAN**



**SYMBOLS & LEGEND**  
Lighting Plan

- Pole Number
- Circuit Number for Luminaire & Receptacle
- New Handhole (HH)
- New Light Pole w/Box Fixture

BILL OF MATERIALS			
CODE NO.	ITEM	UNIT	TOTAL QUANTITY
81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA.	FOOT	1,300
81400100	HANDHOLE	EACH	1
81702417	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 6, 1/C NO. 6 GROUND	FOOT	1,487
* X1400238	LUMINAIRE, LED, SPECIAL	EACH	10
* X1400431	LIGHTING ASSEMBLY (SPECIAL)	EACH	10
* X8360110	LIGHT POLE FOUNDATION, SPECIAL	FOOT	50



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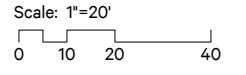
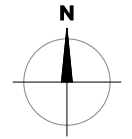
106 West Taylor Street  
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Project: 17130.0301

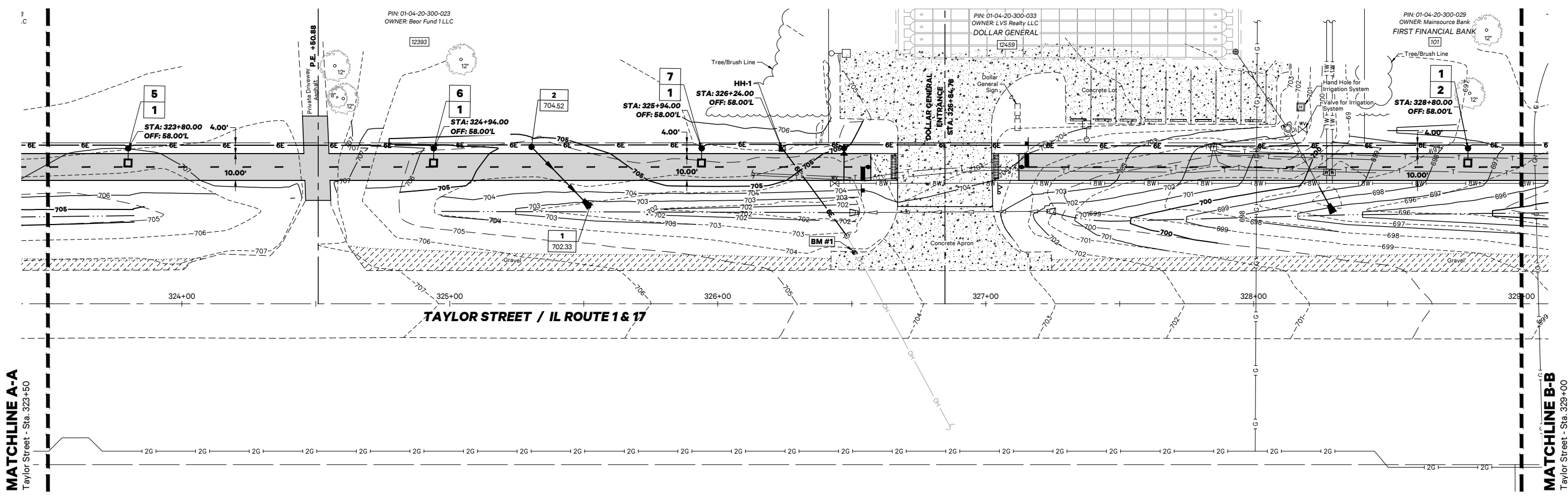
Issued: Preliminary

Drawn by: JGW/LMM

Checked by: T.JL



**LIGHTING PLAN**



**SYMBOLS & LEGEND**  
**Lighting Plan**

- Pole Number
- Circuit Number for Luminaire & Receptacle
- New Handhole (HH)
- New Light Pole w/Box Fixture

**MATCHLINE A-A**  
Taylor Street - Sta. 323+50

**MATCHLINE B-B**  
Taylor Street - Sta. 329+00

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	17-00016-00-BT	KANKAKEE	28	23
		ILLINOIS	CONTRACT NO. 87759	



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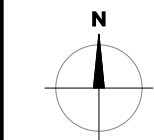
106 West Taylor Street  
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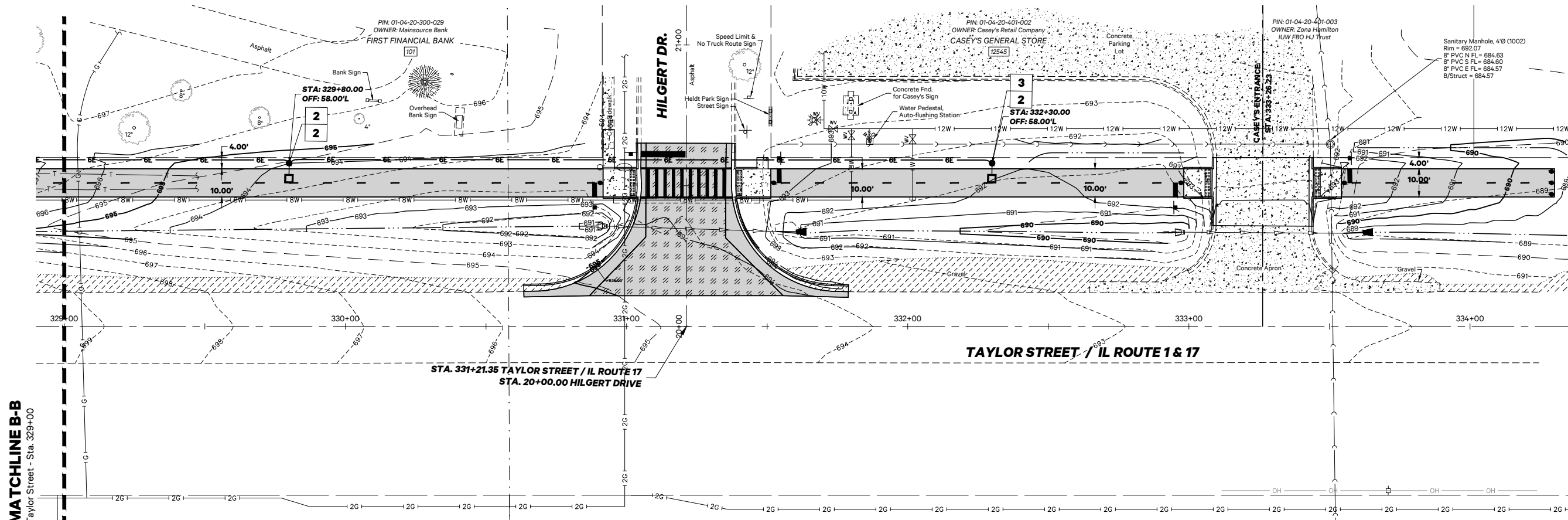
Drawn by: JGW/LMM

Checked by: T.JL



Scale: 1"=20'  
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**LIGHTING PLAN**



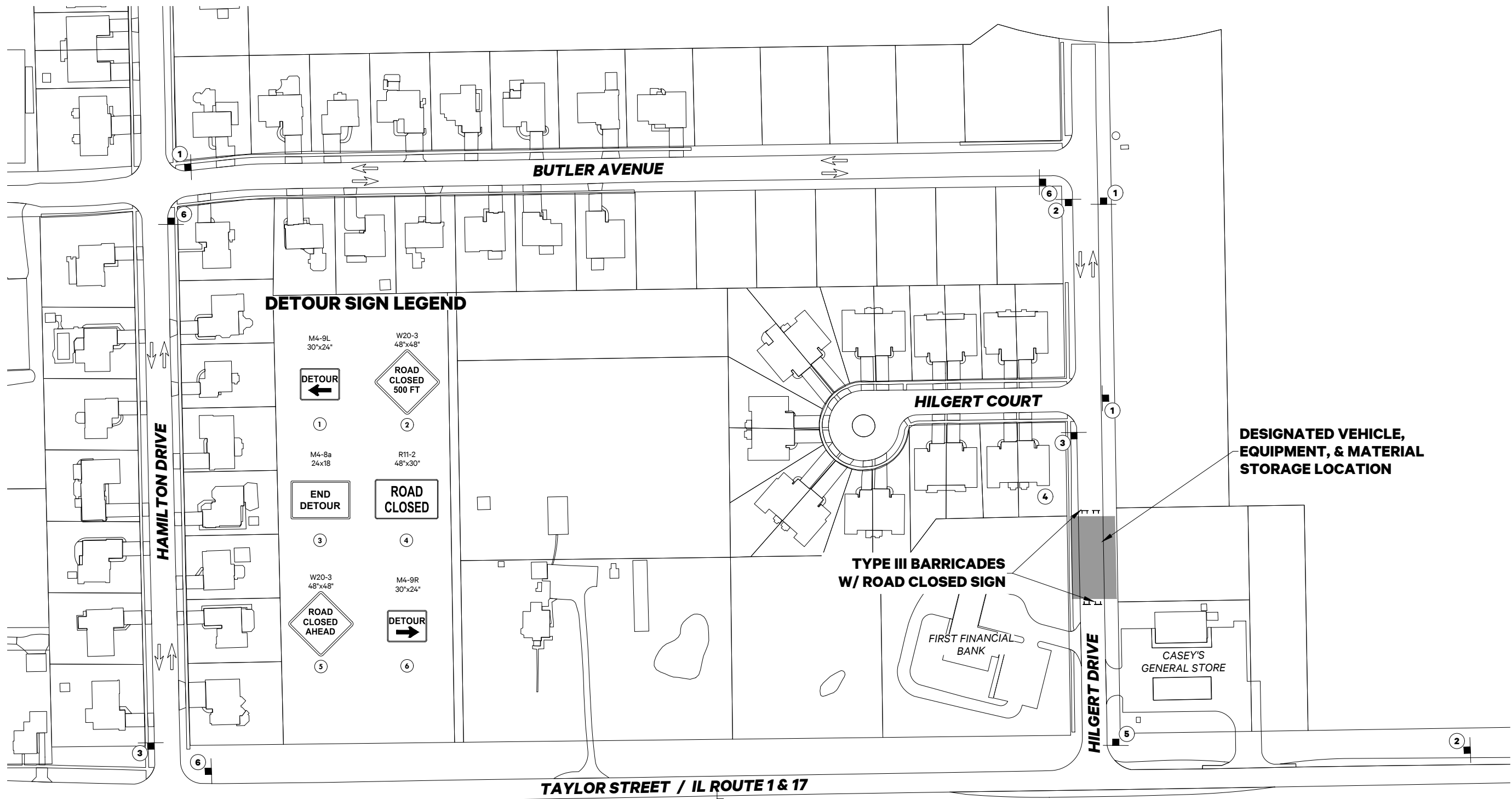
**SYMBOLS & LEGEND**  
Lighting Plan

- Pole Number
- Circuit Number for Luminaire & Receptacle
- New Handhole (HH)
- New Light Pole w/Box Fixture

P:\071730\Drawings\Drawings\1730.0301 Plan.dwg, 21 LIGHT, 2/16/2022 12:49:54 PM



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	17-00016-00-BT	KANKAKEE	28	24
		ILLINOIS	CONTRACT NO. 87759	



**DETOUR SIGN LEGEND**

- |                  |                  |
|------------------|------------------|
| M4-9L<br>30"x24" | W20-3<br>48"x48" |
|                  |                  |
| 1                | 2                |
| M4-8a<br>24"x18" | R11-2<br>48"x30" |
|                  |                  |
| 3                | 4                |
| W20-3<br>48"x48" | M4-9R<br>30"x24" |
|                  |                  |
| 5                | 6                |

**DESIGNATED VEHICLE, EQUIPMENT, & MATERIAL STORAGE LOCATION**

**TYPE III BARRICADES W/ ROAD CLOSED SIGN**



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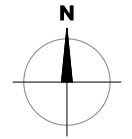
106 West Taylor Street  
Grant Park, Illinois 60940

Project: 17130.0301

Issued: Preliminary

Drawn by: JGW/LMM

Checked by: TJL



Scale: N/A

**DETOUR PLAN**



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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	17-00016-00-BT	KANKAKEE	28	25
		ILLINOIS	CONTRACT NO. 87759	



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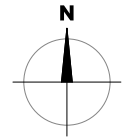
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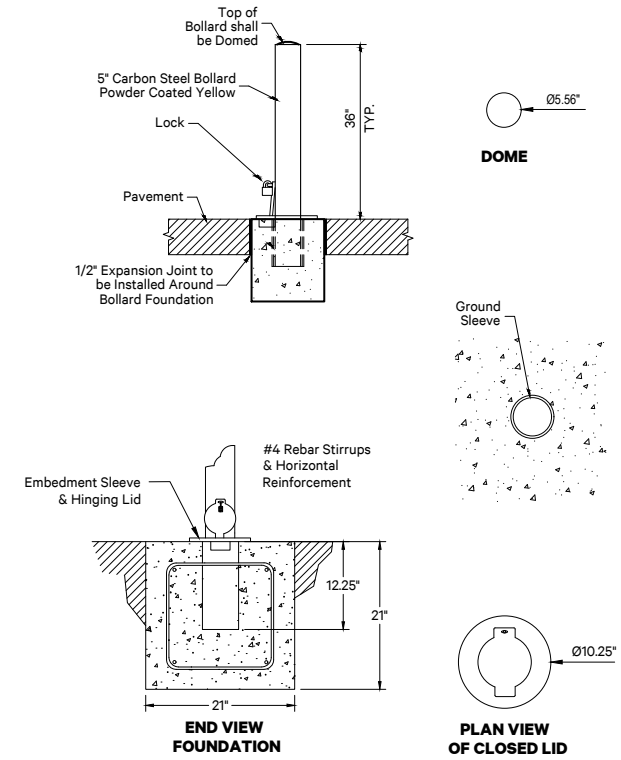


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0 10 20 40

**MISCELLANEOUS DETAILS**

**BOLLARD, QUICK RELEASE**

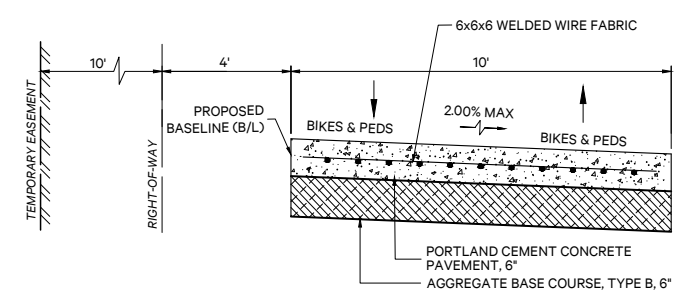
NOT TO SCALE



DET1-SIGN\_Bollard

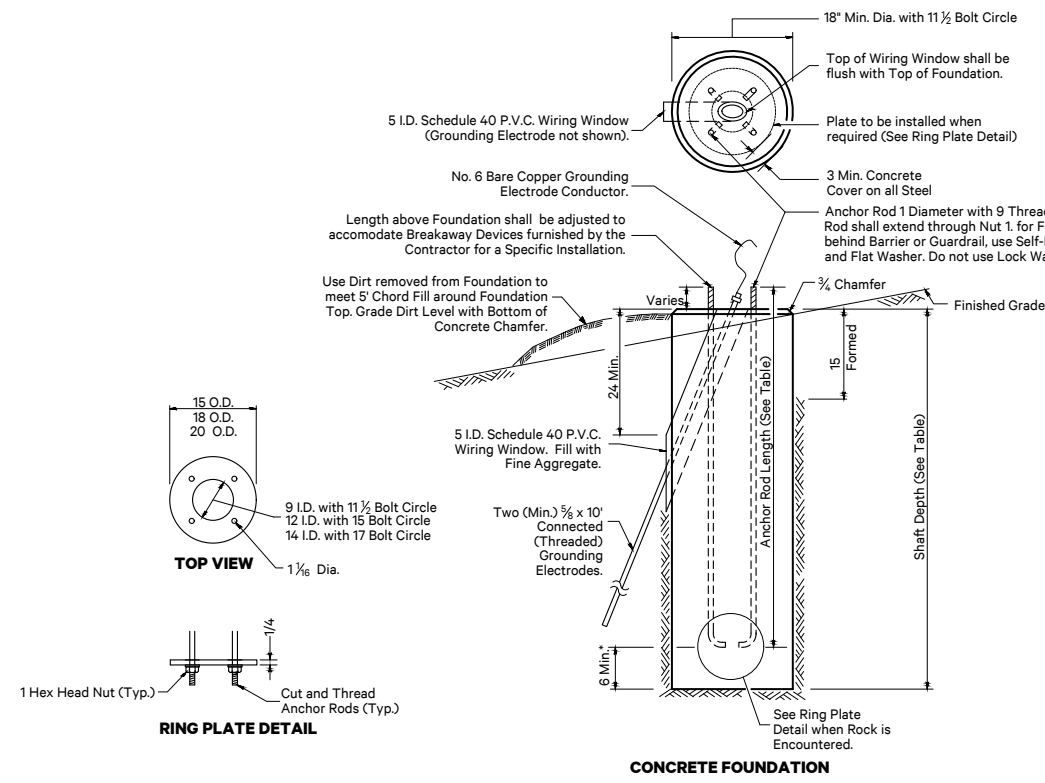
**CONCRETE PAVEMENT SECTION**

NOT TO SCALE



**LIGHT POLE FOUNDATION**

Not to Scale



**GENERAL NOTES**

All Foundations are designed to be located on Slopes not exceeding 2:1 where Soils have an Unconfined Compressive Strength of at least 1.0 TSF. The contractor shall verify the Soil Strength during Drilling for Concrete Foundations or by Monitoring Installation Resistance of Metal Foundations and notify the Engineer if other Conditions are encountered.

When rock is encountered the Foundation Depth may be reduced 6" for every 12" of Embedment in Rock. The Minimum Foundation Depth shall be 4'-6" with Cut Anchor Rods 6" above Bottom of Excavated Hole. See Ring Plate Detail.

Anchor Rods shall be increased in Diameter as needed for 50' Mounting Height or Above. The Contractor shall match the Breakaway Device Size or Slotted Hole Size in the Pole Base Plate to accommodate Larger Rod Sizes.

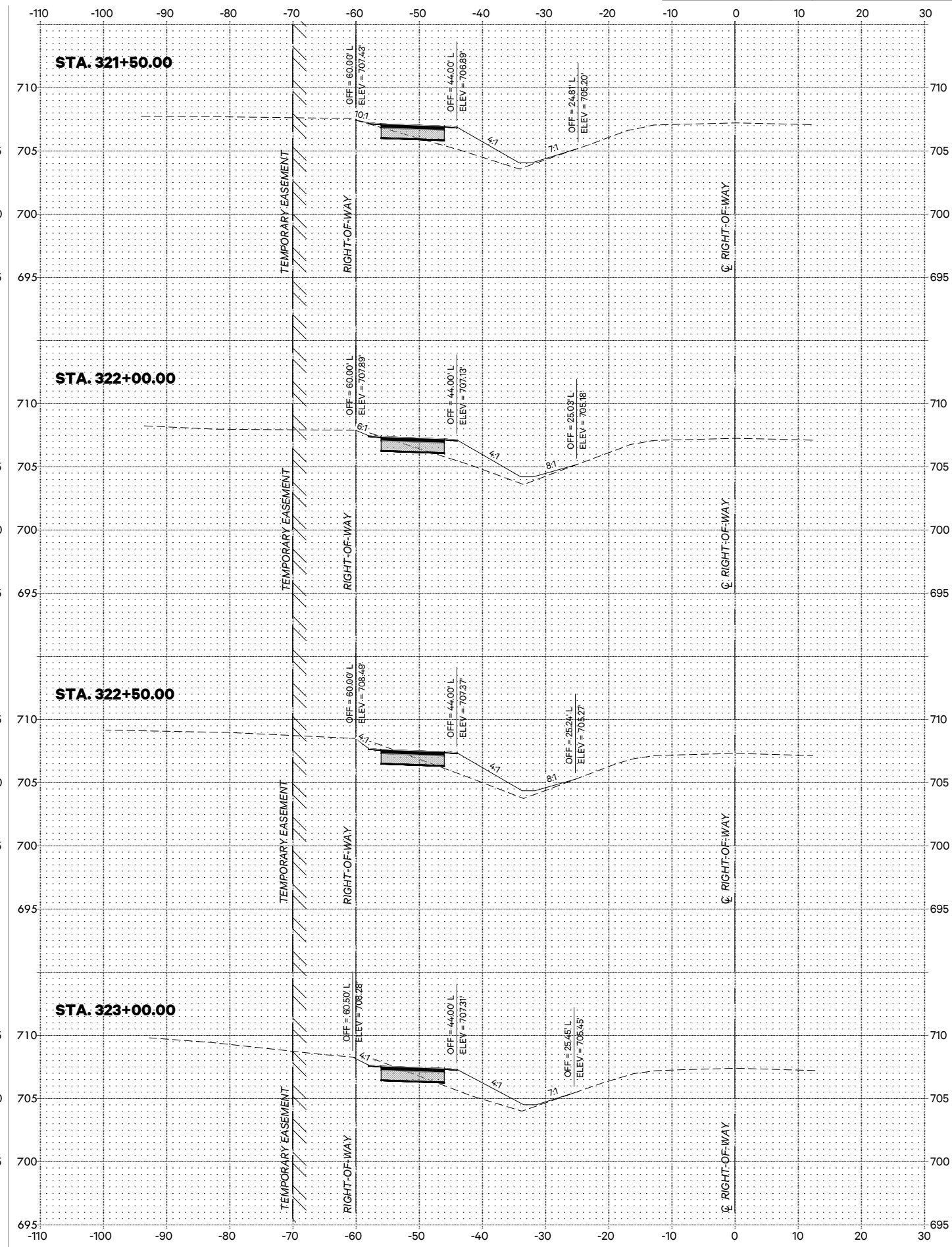
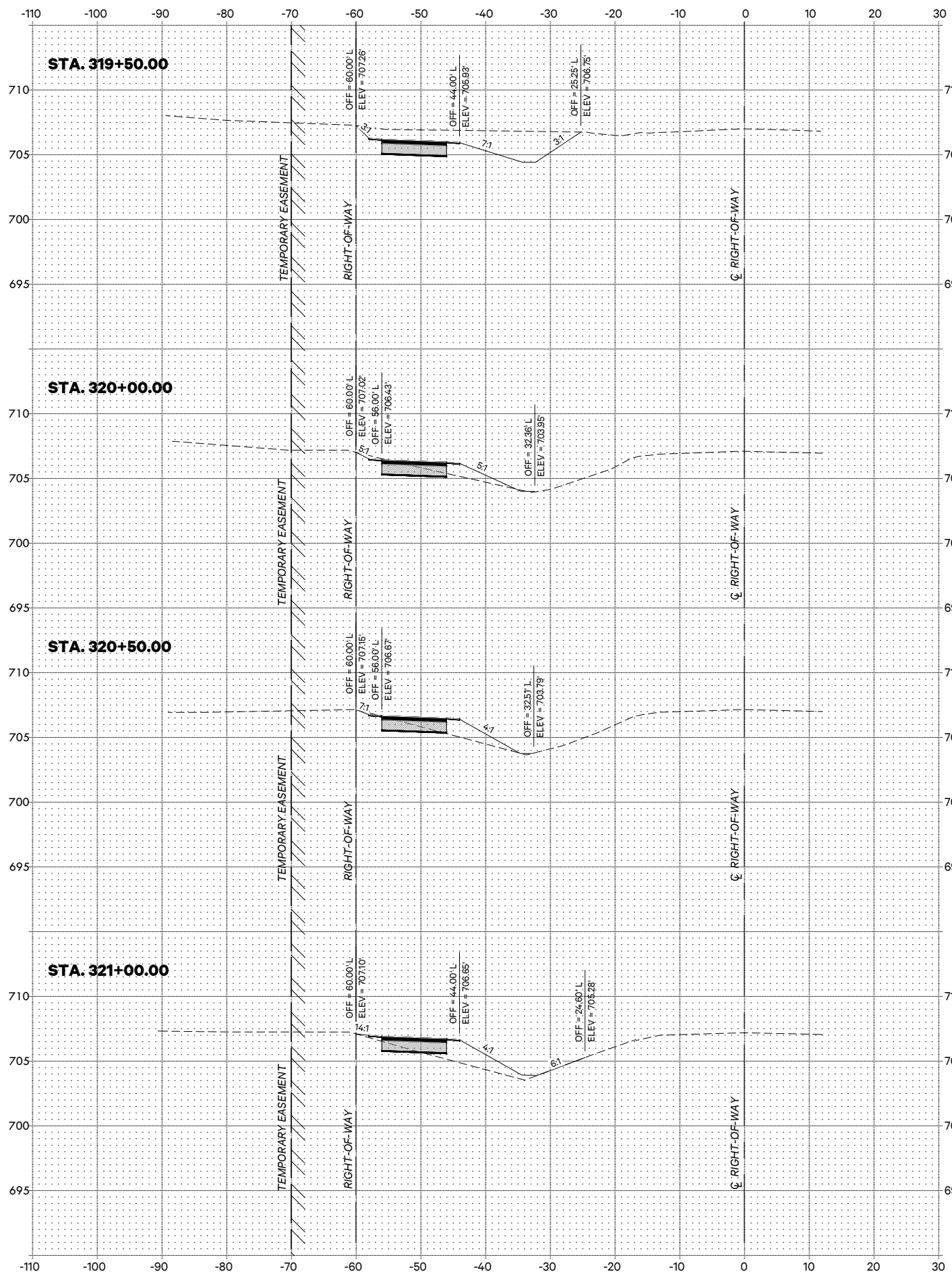
Transformer Bases shall not be used on Metal Foundations.

\* If the required Anchor Rod Length above Top of Foundation is less than 3', Anchor Rods may be lowered below 6'.

DET1-UTIL\_Light Pole Foundation

CONCRETE FOUNDATION				
Light Pole Mounting Height	Bolt Circle Diameter	Shaft Diameter	Shaft Depth	Anchor Rod Length
15'	11 1/2"	18"	5'-0"	4'-9"

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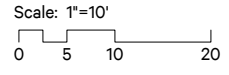
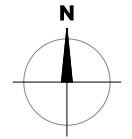
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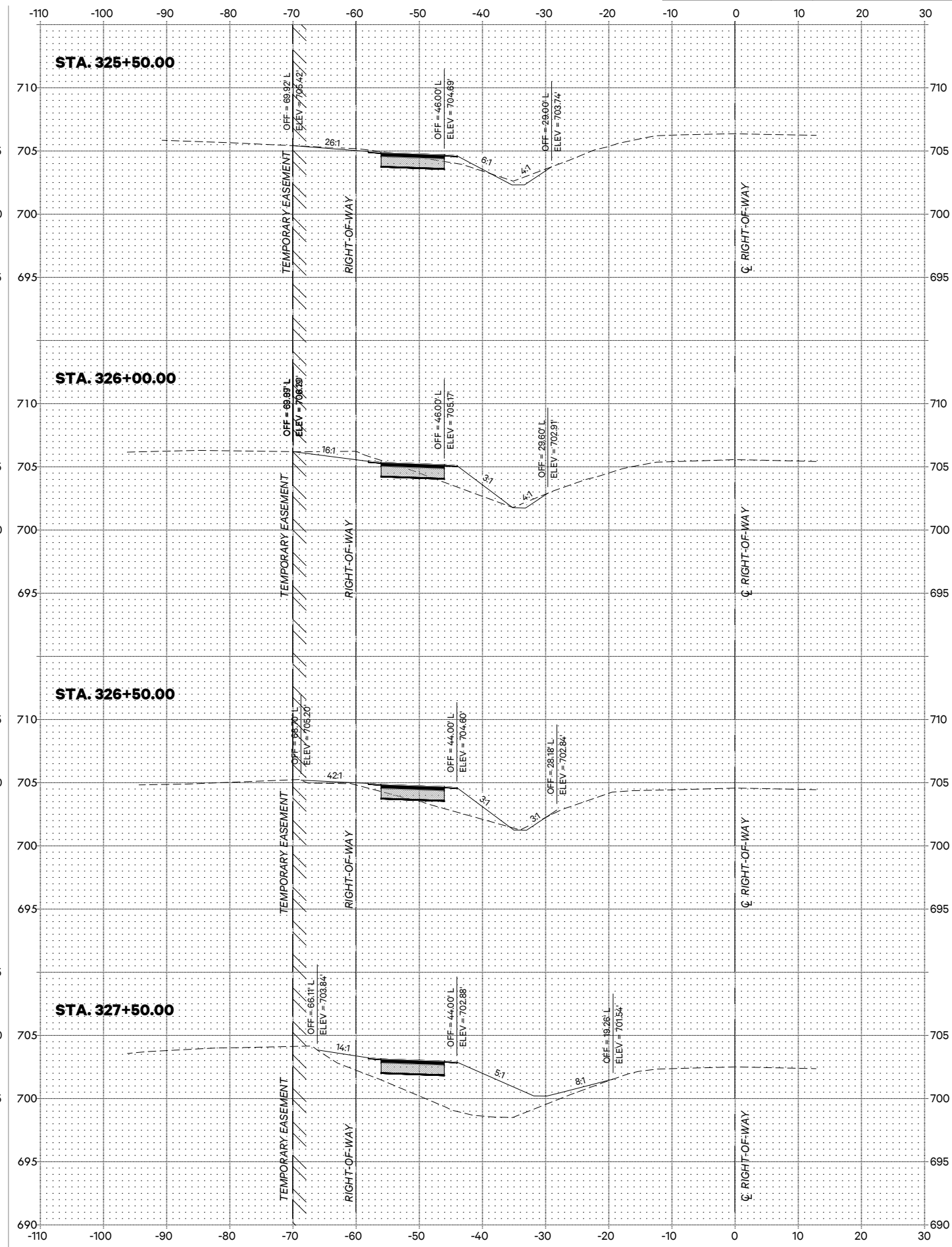
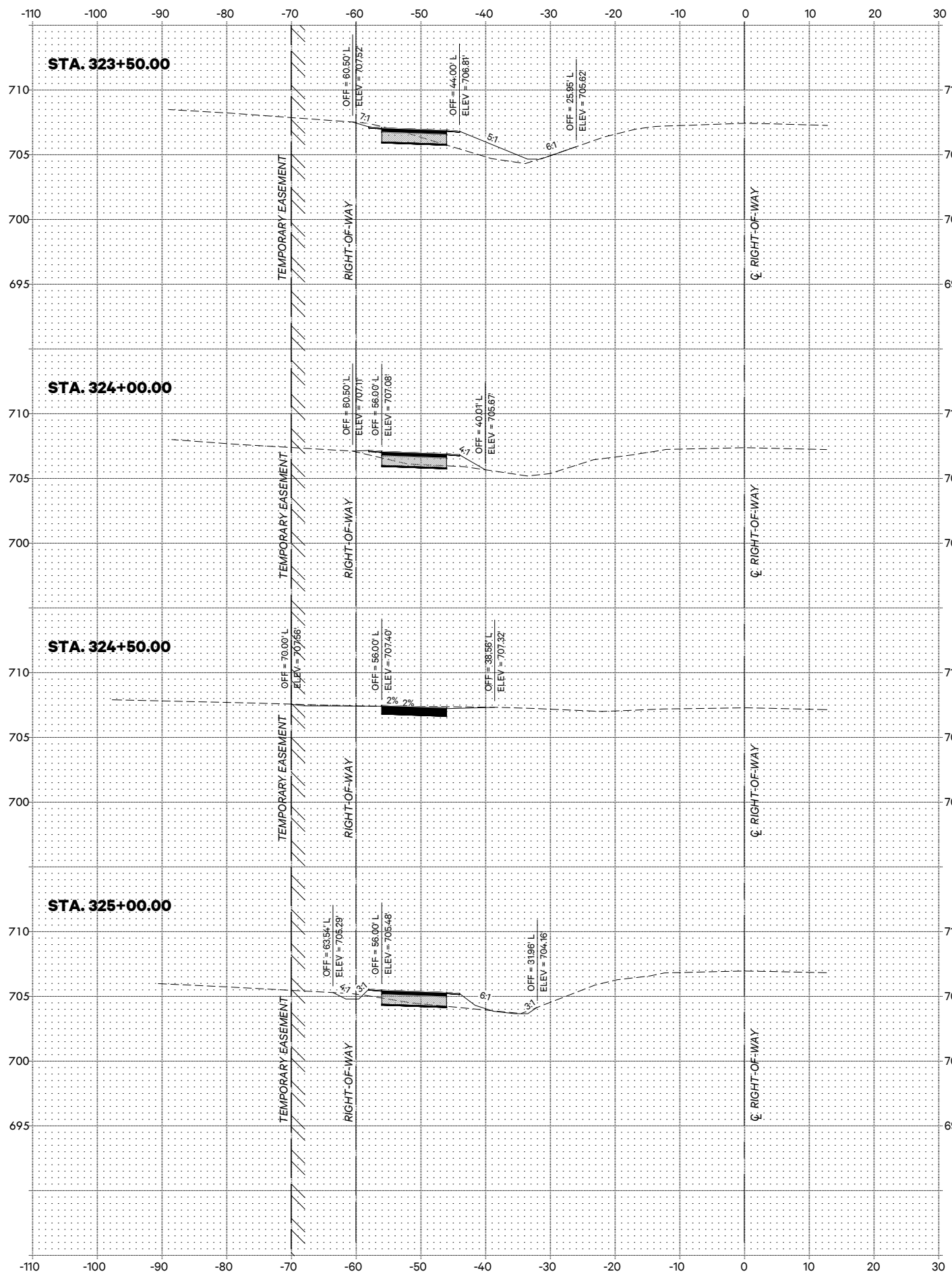
Checked by: T.JL



**CROSS SECTIONS**

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F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	17-00016-00-BT	KANKAKEE	28	27
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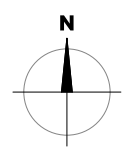
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Scale: 1"=10'  
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**CROSS SECTIONS**

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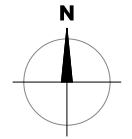
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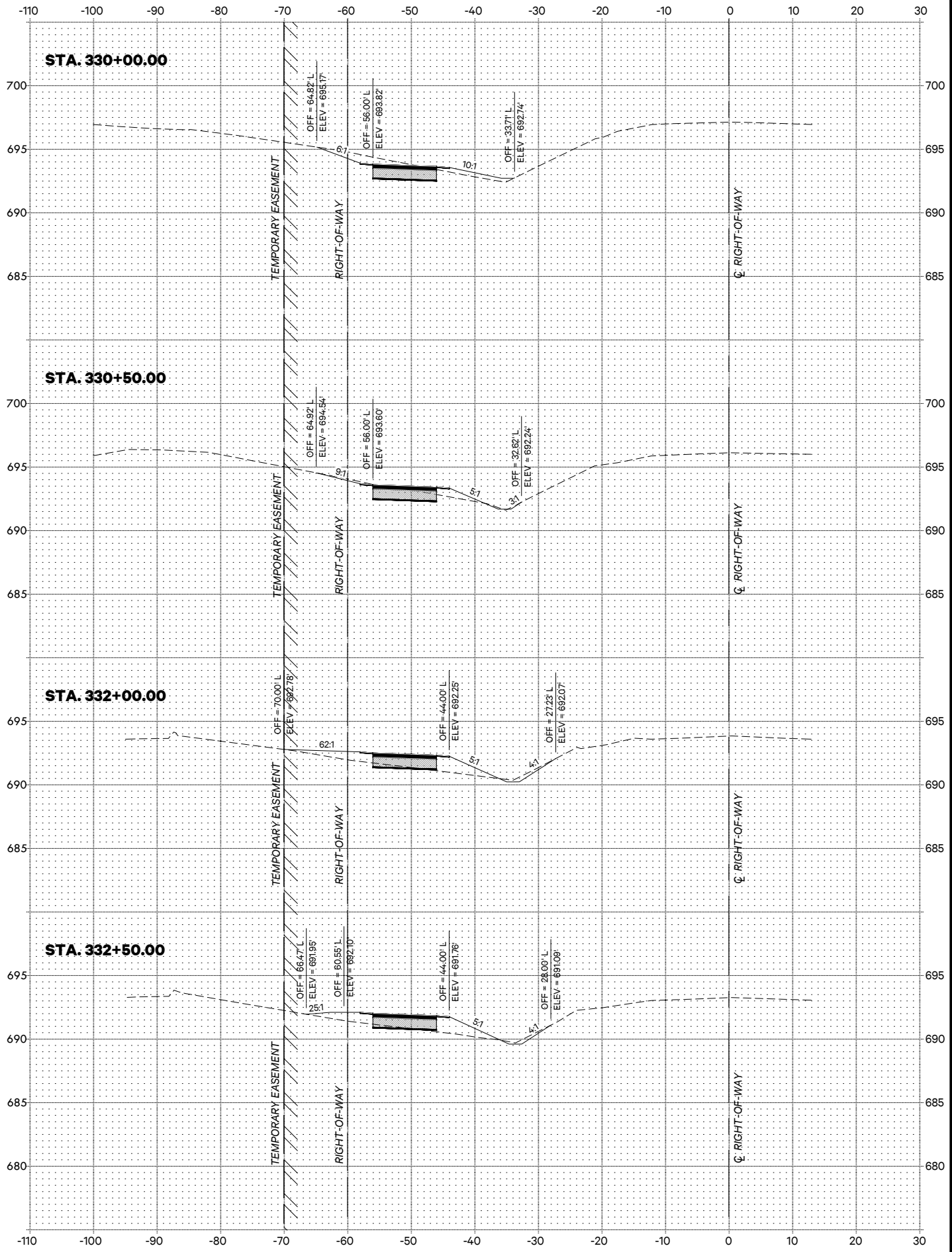
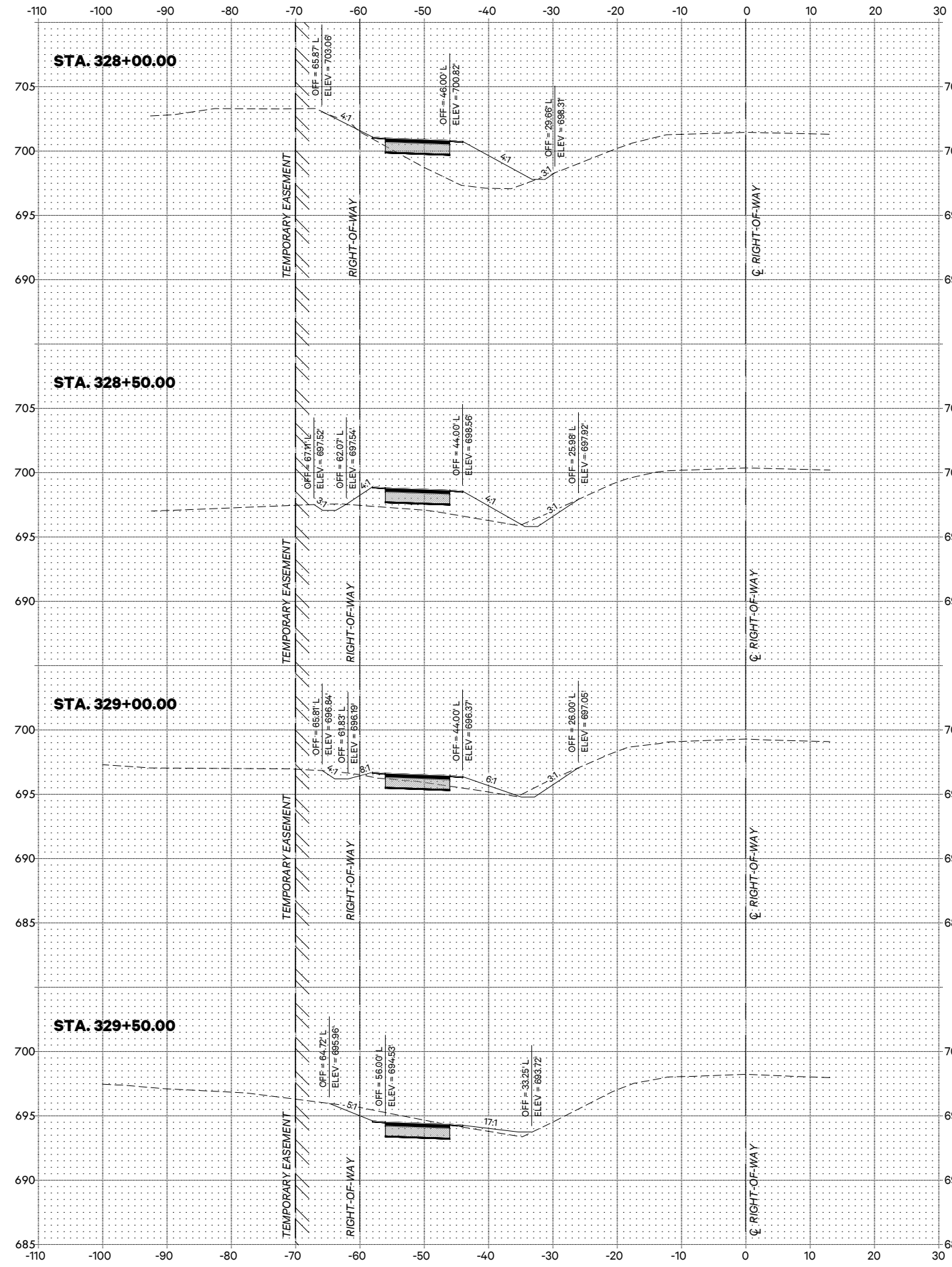
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