

INDEX OF SHEETS

03-10-2023 LETTING ITEM 106

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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 J. LAROCQUE, P.E.
PROJECT MANAGER: NEIL A. PIGGUSH, P.E.

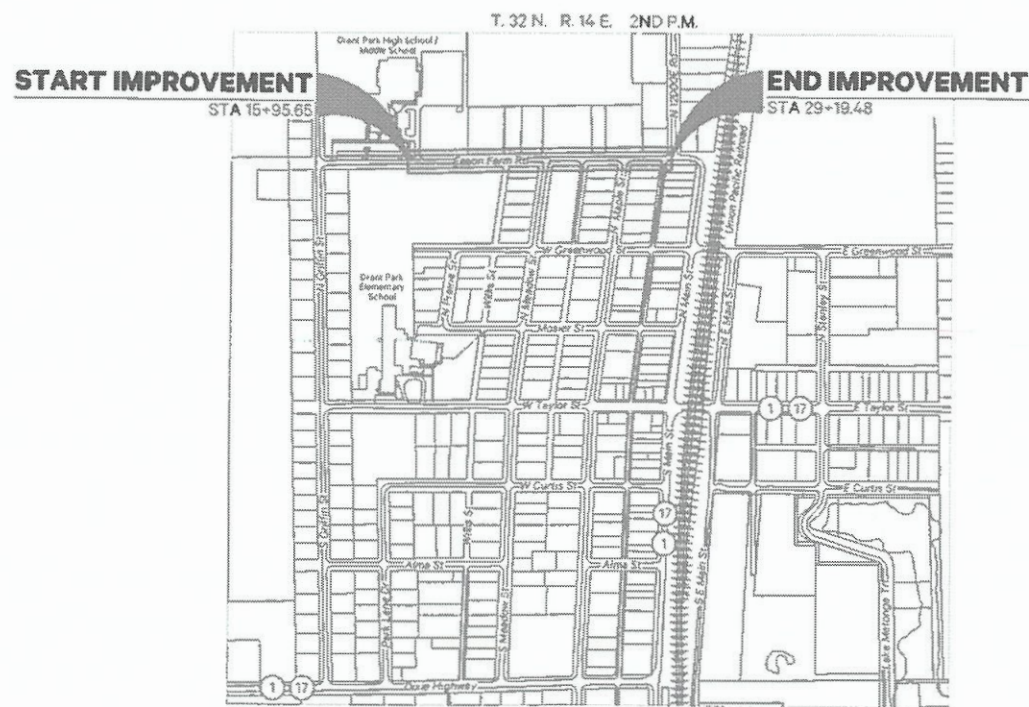
PIGGUSH ENGINEERING
 586 William Latham Drive, Suite 8
 Bourbonnais, IL 60914
 O 815.614.3447
 F 815.614.3735
 PiggushEng.com

CONTRACT NO. 87812

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED
MULTI-USE PATH

SAFE ROUTE TO SCHOOL FUNDS
ESSON FARM ROAD
SECTION 21-00018-00-BT
MULTI-USE PATH
VILLAGE OF GRANT PARK
PROJECT KEOM(283)
JOB NO. C-93-042-23



VILLAGE OF GRANT PARK
LOCATION MAP
 SCALE: N.T.S.

GROSS LENGTH = 1,321.51 FT. = 0.25 MILES
NET LENGTH = 1,321.51 FT. = 0.25 MILES

Timothy J. Larocque
 ILLINOIS PROFESSIONAL ENGINEER #062067059

EXPIRATION DATE OF P.E. LICENSE: **NOVEMBER 30, 2023**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00018-00-BT	KANKAKEE	22	1
	ILLINOIS			CONTRACT NO. 87812



FUNCTIONAL CLASSIFICATION
LOCAL
2017 ADT = 1,100

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED *DECEMBER 17, 2022*
 LOCAL PUBLIC AGENCY

PASSED *JANUARY 5, 2023*
 DISTRICT 3 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
 BASED ON LIMITED REVIEW
JANUARY 5, 2023
 REGION 2 ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

BENCHMARK SUMMARY

Site Benchmarks:

BM #1
CUT "X" IN THE EAST CURB OF THE EXIT APRON OF GRANT PARK HIGH SCHOOL, APPROXIMATELY 34 FEET NORTH OF THE CENTERLINE OF ESSON FARM ROAD AND 26 FEET EAST-NORTHEAST OF THE "EXIT ONLY" SIGN.

BM #2
MAGNAIL IN ASPHALT APPROXIMATELY 10 FEET NORTH OF THE CENTERLINE OF ESSON FARM ROAD AND 37 FEET NORTHWEST OF A "STOP AHEAD" SIGN.

BM #3
CUT "X" IN CURB AT THE SOUTHEAST CORNER OF THE INTERSECTION OF ESSON FARM ROAD AND MEADOW STREET, APPROXIMATELY 23 FEET SOUTH OF THE CENTERLINE OF ESSON FARM ROAD AND 16 FEET NORTH-NORTHEAST OF A STOP SIGN.

BM #4
MAGNAIL IN ASPHALT APPROXIMATELY 10 FEET NORTH OF THE CENTERLINE OF ESSON FARM ROAD AND 140 FEET EAST OF A "STOP AHEAD" SIGN.

BM #5
MAGNAIL IN ASPHALT AT THE NORTHWEST CORNER OF THE INTERSECTION OF ESSON FARM ROAD AND 12000E ROAD, APPROXIMATELY 14 FEET NORTH OF THE CENTERLINE OF ESSON FARM ROAD AND 32 FEET EAST OF A "NO TRUCKS" SIGN.

COMMITMENTS

NO COMMITMENTS

GENERAL NOTES

- THE FOLLOWING UTILITIES LOCATED WITHIN THE LIMITS OF THIS IMPROVEMENT ARE MEMBERS OF J.U.L.I.E. THE J.U.L.I.E. NUMBER IS 1-800-892-0123.

EMERGENCY SERVICES:

EMERGENCY NUMBER: 911
STATE POLICE: 815.698.2315
GRANT PARK POLICE (NON-EMERGENCY): 815.465.2151
FIRE DEPARTMENT (NON-EMERGENCY): 815.465.6123

WATER / SEWER / GARBAGE:

AQUA ILLINOIS, INC.
1000 S. SCHUYLER AVE
KANKAKEE, IL 60901
PHONE: 815.935.8800

NATURAL GAS:

NICOR GAS
1844 FERRY ROAD
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

INTERNET / 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.

- 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.
- 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.
- ALL ELEVATIONS REFERRING TO NAVD 88 DATUM.

- ACCESS TO ENTRANCES SHALL BE MAINTAINED BY THE USE OF TEMPORARY AGGREGATE IN ACCORDANCE WITH ARTICLE 107.09 OF THE STANDARD SPECIFICATIONS EXCEPT THE COST OF FURNISHING, PLACING, AND REMOVING THE AGGREGATE WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO OTHER COMPENSATION WILL BE ALLOWED.
- EXCEPTED AS NOTED IN THE PLANS, PAVEMENT GRADES SHOWN ARE TO THE TOP OF PAVEMENT SURFACES.
- THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE VARIOUS HMA LIFTS.
- 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).
- ALL SAWCUTTING OF EXISTING PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- 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.
- 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.
- 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.
- 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.
- FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- REMOVAL OF EXISTING AGGREGATE PAVEMENT WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.



USER NAME : drafting2
FILE NAME : 20163.0301 Plandwg
PLOT SCALE : 0.3869:1
PLOT DATE : 1/4/2023 1:08:27 PM

DESIGNED : T.JL
DRAWN : JGW
CHECKED : NAP
DATE : 6/7/2022

REVISED : per IDOT Review - 12/14/2022
REVISED : _____
REVISED : _____
REVISED : _____

VILLAGE OF GRANT PARK MULTI-USE PATH

STANDARDS LIST & GENERAL NOTES

SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	21-00018-00-BT	KANKAKEE	22	2
CONTRACT NO. 87812				
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY
△ 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	76
20200100	EARTH EXCAVATION	CU YD	96
20800150	TRENCH BACKFILL	CU YD	65
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1,571
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	1,370
25000100	SEEDING, CLASS 1	ACRE	0.28
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	26
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	26
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	26
25100630	EROSION CONTROL BLANKET	SQ YD	1,370
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	28
28000500	INLET AND PIPE PROTECTION	EACH	10
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	284
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	222
35102100	AGGREGATE BASE COURSE, TYPE B 9"	SQ YD	1,361
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	250
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	121
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	89
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1,683
42400800	DETECTABLE WARNINGS	SQ FT	150
44000100	PAVEMENT REMOVAL	SQ YD	212
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	178
44000600	SIDEWALK REMOVAL	SQ FT	3,250
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	765
60235300	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	EACH	1
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	8
60240210	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	EACH	1
60500060	REMOVING INLETS	EACH	1
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	99
67100100	MOBILIZATION	L SUM	1
△ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,225
△ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	279
△ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	270
△ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	42
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1
* X0322135	BOLLARDS, QUICK RELEASE	EACH	2
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
* X7240500	RELOCATE EXISTING SIGNS	EACH	8
* XX008751	PORTLAND CEMENT CONCRETE BASE COURSE 5"	SQ YD	86

* SPECIAL PROVISIONS
 △ SPECIALTY ITEMS



USER NAME: drafting2
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 PLOT DATE: 1/4/2023 10:32 PM

DESIGNED: TJL
 DRAWN: JGW
 CHECKED: NAP
 DATE: 6/7/2022

REVISED: per IDOT Review - 12/14/2022
 REVISED: _____
 REVISED: _____
 REVISED: _____

VILLAGE OF GRANT PARK
 MULTI-USE PATH

SUMMARY OF QUANTITIES

SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00018-00-BT	KANKAKEE	22	3
CONTRACT NO. 87812				
ILLINOIS FED. AID PROJECT				

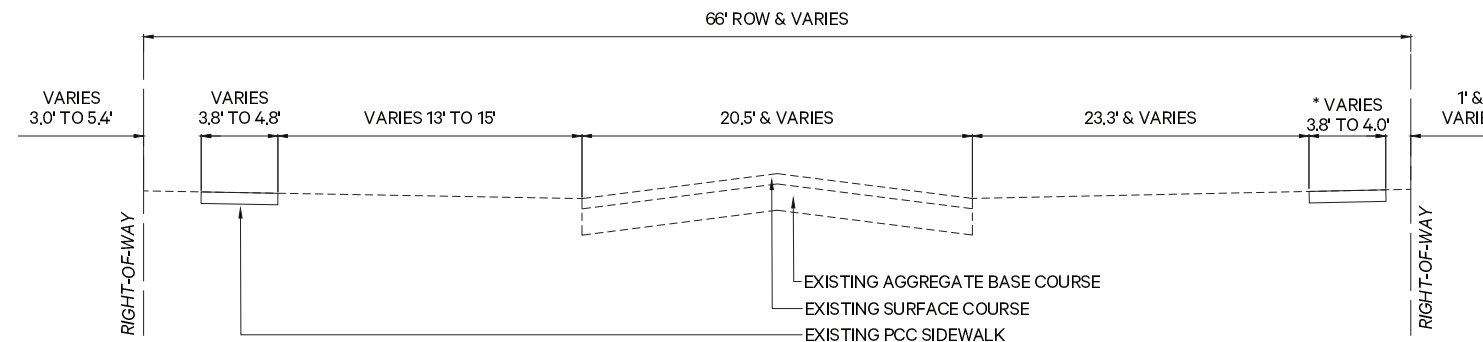
SYMBOLS & LEGEND

Existing

- Iron Pipe (Found)
- Iron Rod (Found)
- Railroad Spike (Found)
- Storm Inlet
- Curb Inlet
- Storm / Sanitary Manhole
- Gas Meter
- Gas Valve
- Septic Tank
- Roadway Sign
- Water Shut-Off
- Hydrant
- Well
- Water Valve
- Guy Wire
- Light Post
- Light Pole w/Mast Fixture
- Flood Lamp
- Cable Television Pedestal
- Telephone Pedestal
- Fiber Optic Pedestal
- Power Pole w/Light
- Power Pole
- Power Meter
- Utility Valve Vault
- Pipeline Marker
- Flagpole
- Heavy Duty Hand Hole
- Water Main, Size N/A
-
-
-
- Gas Main, Size N/A
-
-
-
- Storm Sewer Pipe
- Sanitary Sewer Pipe
- Culvert
- Electric Line, Overhead
- Fence, Chain Link
- Fence, Wood
- Edge of Pavement / Sidewalk
- Curb and Gutter
- Edge of Gravel
- Ditch Flow Line

Proposed

- New Roadway Sign
- New Bollard
- Accessible Ramp Detectable Warnings
- New Concrete Sidewalk w/Control Joints
- New Bituminous Pavement
- New Concrete Pavement
- New Edge of Pavement / Sidewalk
- New Curb and Gutter
-
- New Culvert
- New Storm Sewer Pipe



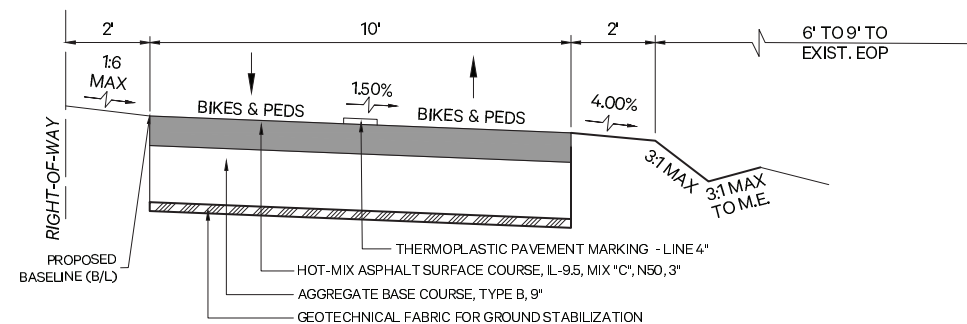
EXISTING TYPICAL CROSS SECTION

ESSON FARM ROAD
STA. 15+97.67 TO STA. 29+15.17

* EXISTING SIDEWALK
STA. 22+53.50 TO STA. 24+39.47
STA. 26+48.50 TO STA. 27+14.82

HMA MIXTURE REQUIREMENT TABLE

LOCATIONS:	ENTIRE PROJECT
MIXTURE USE(S):	HMA Surface
BUILDER GUIDE (PG):	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION (MIXTURE GRADATION):	IL 9.5
FRICTION AGGREGATE:	MIXTURE C
MIXTURE WEIGHT:	112.0 lb / Sq.Yd. / In.
QUALITY MANAGEMENT PROGRAM:	QC-QA
SUBLOT SIZE:	N/A
DENSITY TEST METHOD:	LR1030-2
MATERIAL TRANSFER DEVICE (REQUIRED):	NO



PROPOSED TYPICAL CROSS SECTION

MULTI-USE PATH
STA. 15+97.67 TO STA. 29+15.17

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586 William Latham Drive, Suite 8
Bourbonnais, IL 60914
O 815.614.3447
F 815.614.3735 PiggushEng.com

USER NAME : drafting2
FILE NAME : _20163.0301 Plandwg
PLOT SCALE : 0.3869:1
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REVISED :
REVISED :

**VILLAGE OF GRANT PARK
MULTI-USE PATH**

SCHEDULES OF QUANTITIES

SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00018-00-BT	KANKAKEE	22	5
CONTRACT NO. 87812				
ILLINOIS FED. AID PROJECT				

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"	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	PCC DRIVEWAY PAVEMENT, 6 INCH	PCC DRIVEWAY PAVEMENT, 8 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	DETECTABLE WARNINGS	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	PORTLAND CEMENT CONCRETE BASE COURSE 5"
STATION	OFFSET	TO	STATION	OFFSET	21001000 SQ YD	35101600 SQ YD	35101800 SQ YD	35102100 SQ YD	40604050 TON	42300200 SQ YD	42300400 SQ YD	42400200 SQ FT	42400800 SQ FT	60603900 FOOT	XX008751 SQ YD
15+95.65	LT		22+90.00	LT	840	97	169	683	123	68	89	505	60	99	30
22+52.77	RT		23+29.79	RT		58			3			376	30		16
22+90.00	LT		26+88.77	LT	477	30	34	443	79	34		123	20		16
26+46.00	RT		27+17.21	RT		65			2			489	40		11
26+88.77	LT		29+19.48	LT	254	34	19	235	43	19		190			13
TOTAL					1,571	284	222	1,361	250	121	89	1,683	150	99	86

BOLLARD ITEMS		
LOCATION		BOLLARDS, QUICK RELEASE
		X0322135
STATION	OFFSET	EACH
16+76.37	26' LT	1
28+99.06	26' LT	1
TOTAL		2

RELOCATION ITEMS		
LOCATION		RELOCATE EXISTING SIGNS
		X7240500
STATION	OFFSET	EACH
16+03.00	24' LT	1
22+22.00	16.5' LT	1
23+32.00	18.5' LT	1
25+12.00	18.5' LT	1
26+54.00	25' RT	1
27+02.00	30' RT	1
28+69.00	18' LT	1
29+09.00	28.5' LT	1
TOTAL		8

STORM SEWER STRUCTURE ITEMS						
STR. #	LOCATION		INLET AND PIPE PROTECTION	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	INLETS, TYPE A, TYPE 8 GRATE	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID
	STATION	OFFSET CEN STR	28000500 EACH	60235300 EACH	60236200 EACH	60240210 EACH
1	28+76.00	20.35' LT	1	1		
2	28+88.06	15.00' LT	1		1	
2A	27+25.34	14.86' LT	1		1	
3	26+81.60	14.48' LT	1		1	
4	25+27.03	14.67' LT	1			1
4A	23+80.38	15.00' LT	1		1	
4B	23+31.15	15.00' LT	1		1	
5	22+90.28	15.00' LT	1		1	
6	21+99.65	15.00' LT	1		1	
6A	21+14.37	15.00' LT	1		1	
TOTAL			10	1	8	1

STORM SEWER PIPE ITEMS						
LOCATION					TRENCH BACKFILL	STORM SEWERS, CLASS A, TYPE 1 12"
	STATION	OFFSET	TO	STATION	20800150 CU YD	550A0050 FOOT
	21+14.37	15.00' LT		21+99.65	15.00' LT	6
	21+99.65	15.00' LT		22+90.28	15.00' LT	8
	22+90.28	15.00' LT		23+31.15	15.00' LT	2
	23+31.15	15.00' LT		23+80.38	15.00' LT	2
	23+80.38	15.00' LT		25+27.03	14.67' LT	1
	25+27.03	14.67' LT		25+27.36	33.00' LT	1
	25+27.03	14.67' LT		26+81.60	14.82' LT	5
	26+81.60	14.82' LT		27+25.34	14.86' LT	4
	27+25.34	14.86' LT		28+68.06	15.00' LT	34
	28+68.06	15.00' LT		28+76.00	20.35' LT	1
	28+76.00	20.35' LT		28+79.88	24.24' LT	1
TOTAL					65	765

TREE REMOVAL ITEMS		
LOCATION		TREE REMOVAL (COVER 15 UNITS DIAMETER)
		20100210
STATION	OFFSET	UNIT
23+18.50	31.5' LT	28
27+20.00	26.5' RT	48
TOTAL		76

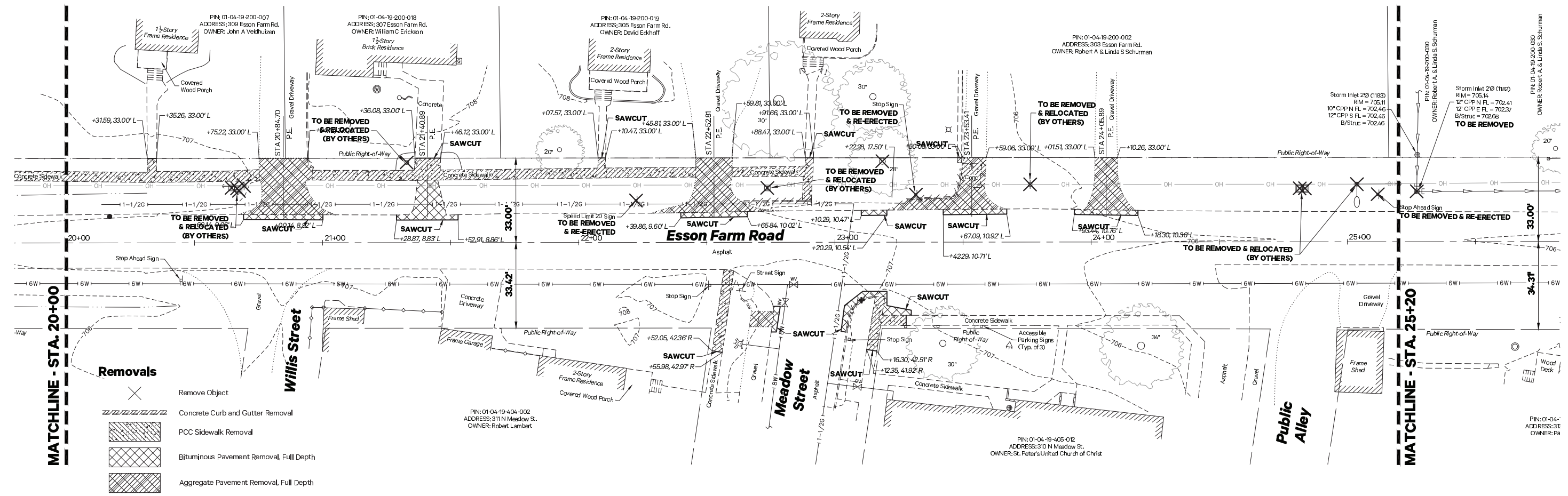
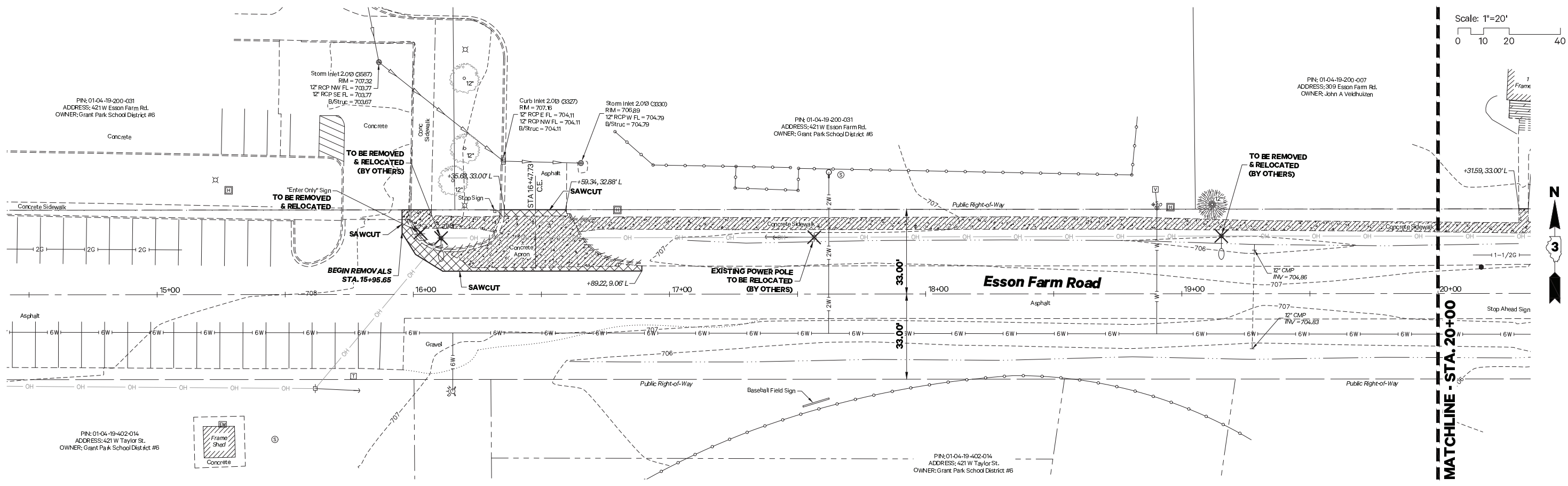
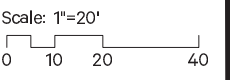
LANDSCAPING ITEMS											
LOCATION					TOPSOIL FURNISH AND PLACE, 6"	SEEDING, CLASS 1	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING
	STATION	OFFSET	TO	STATION	21101625 SQ YD	25000100 ACRE	25000400 POUND	25000500 POUND	25000600 POUND	25100630 SQ YD	28000250 POUND
	15+95.65	LT		22+90.00	600	0.12	11	11	11	600	12
	22+52.77	RT		23+29.79	23	0.01	1	1	1	23	1
	22+90.00	LT		26+88.77	441	0.09	8	8	8	441	9
	26+46.00	RT		27+17.21	44	0.01	1	1	1	44	1
	26+88.77	LT		29+19.48	262	0.05	5	5	5	262	5
TOTAL					1,370	0.28	26	26	26	1,370	28

REMOVAL ITEMS							
LOCATION			PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	REMOVING INLETS	
	STATION	OFFSET	TO	44000100 SQ YD	44000500 FOOT	44000600 SQ FT	60500060 EACH
	15+95.65	LT		22+90.00	158	123	2,762
	22+52.77	RT		23+29.79	14	25	256
	22+90.00	LT		26+88.77	16	30	3
	25+27.12	19.67' LT					1
	26+46.00	RT		27+17.21	11	169	
	26+88.77	LT		29+19.48	13	60	
TOTAL				212	178	3,250	1

PAVEMENT MARKING ITEMS							
LOCATION				THERMOPLASTIC PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"
	STATION	OFFSET	TO	78000200 FOOT	78000400 FOOT	78000600 FOOT	78000650 FOOT
	15+95.65	LT		22+90.00	615		
	22+52.77	LT/RT		23+29.79	126	126	30
	22+90.00	LT		26+88.77	399		
	26+46.00	LT/RT		27+17.21	153	144	12
	26+88.77	LT		29+19.48	211		
TOTAL				1,225	279	270	42

EARTHWORK ITEMS							
1		2	3	4	5		
LOCATION		EARTH EXCAVATION	ESTIMATED CUT MATERIAL FOR EMBANKMENT ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)		
	STATION	OFFSET	TO	20200100 CU YD	SQ YD	CU YD	CU YD
	15+95.65	LT/RT		29+19.48	96	72	58
TOTAL				96	72	58	14

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- Removals**
- Remove Object
 - Concrete Curb and Gutter Removal
 - PCC Sidewalk Removal
 - Bituminous Pavement Removal, Full Depth
 - Aggregate Pavement Removal, Full Depth

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 DRAWN: J.G.W.
 CHECKED: N.A.P.
 DATE: 6/7/2022

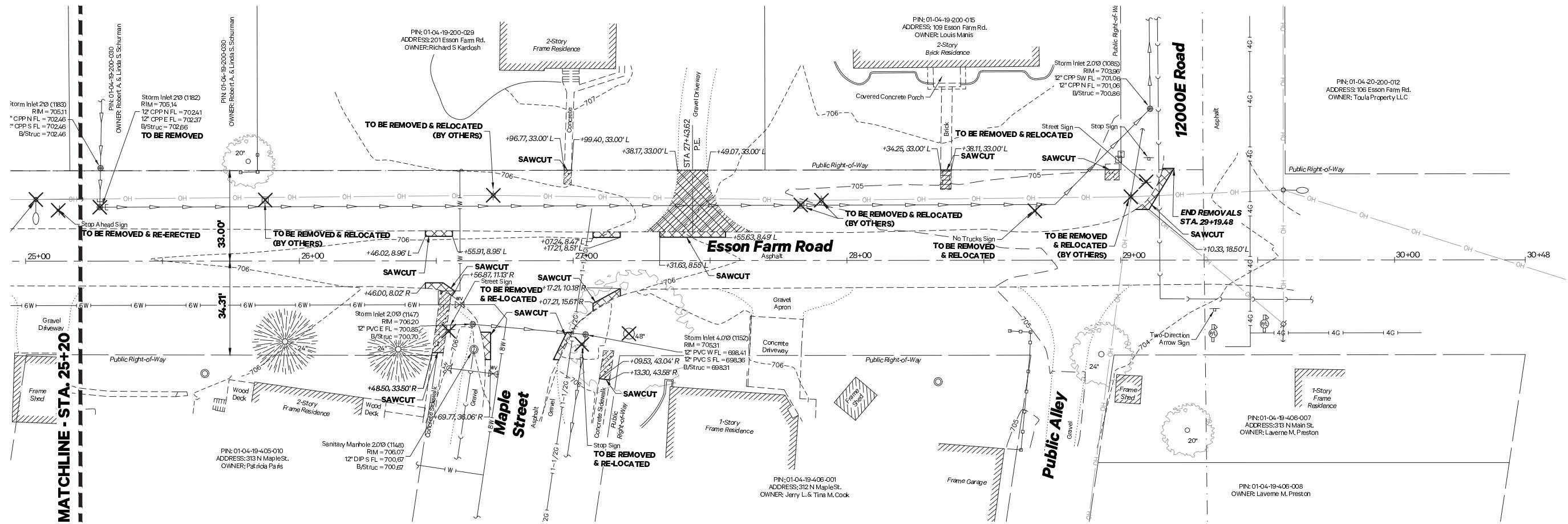
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**VILLAGE OF GRANT PARK
 MULTI-USE PATH**

EXISTING CONDITIONS & REMOVALS PLAN

SCALE: 1" = 20' SHEET NO. 1 OF 2 SHEETS STA. 15+95.70 TO STA. 25+20.00

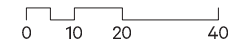
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	21-00018-00-BT	KANKAKEE	22	6
CONTRACT NO. 87812				
ILLINOIS FED. AID PROJECT				



Removals

- Remove Object
- Concrete Curb and Gutter Removal
- PCC Sidewalk Removal
- Bituminous Pavement Removal, Full Depth
- Aggregate Pavement Removal, Full Depth

Scale: 1"=20'



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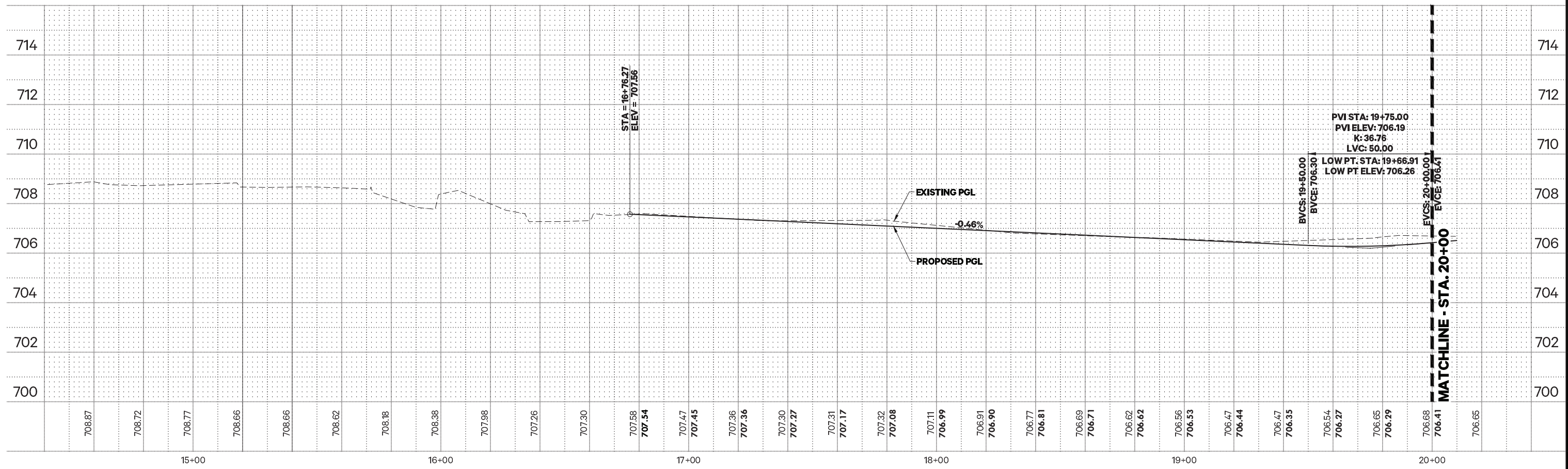
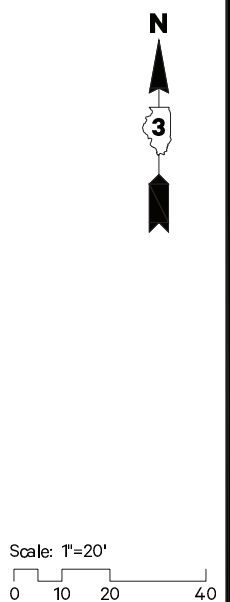
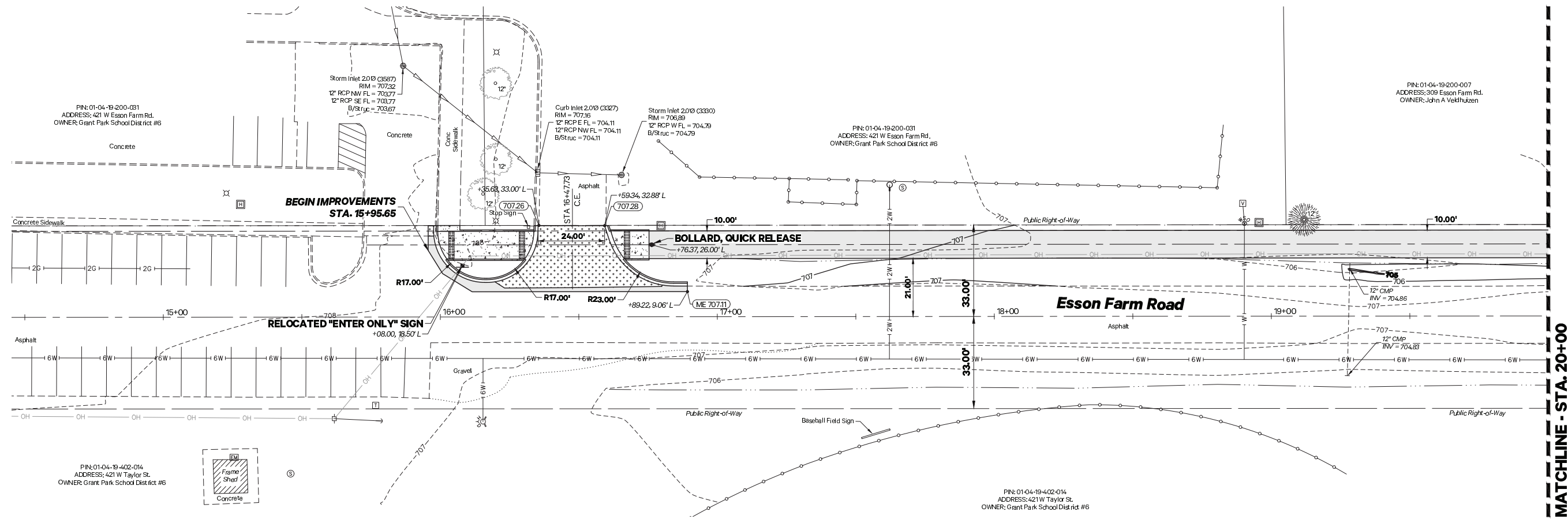
**VILLAGE OF GRANT PARK
 MULTI-USE PATH**

EXISTING CONDITIONS & REMOVALS PLAN

SCALE: 1" = 20' SHEET NO. 2 OF 2 SHEETS STA. 25+20.00 TO STA. 29+17.21

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00018-00-BT	KANKAKEE	22	7
CONTRACT NO. 87812				
ILLINOIS FED. AID PROJECT				

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 CHECKED: N.A.P.
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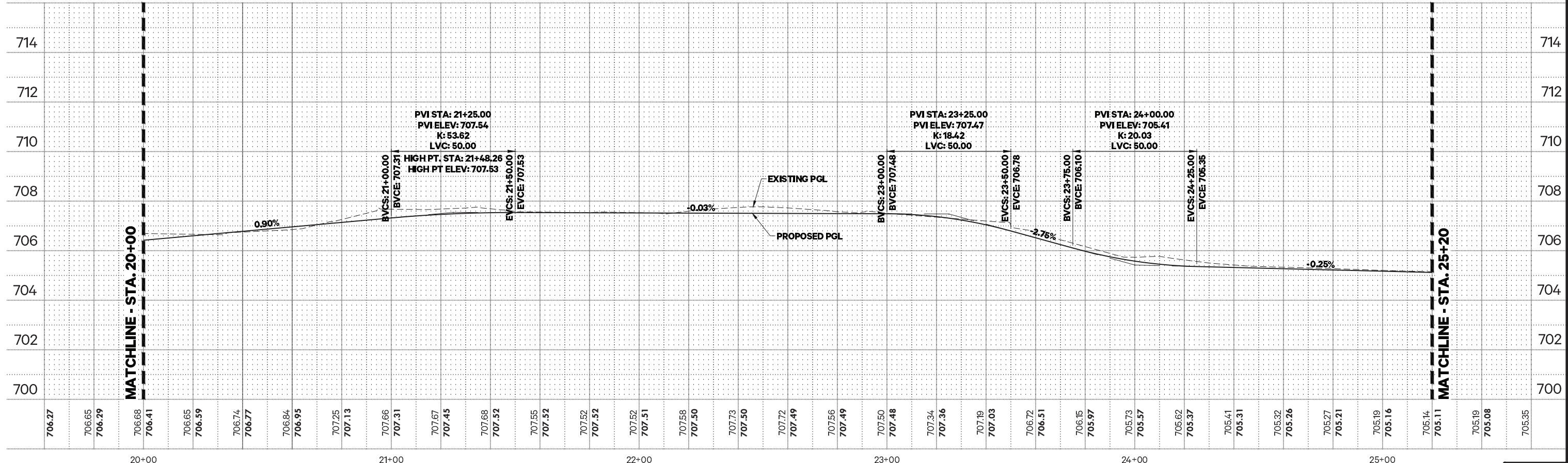
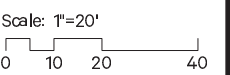
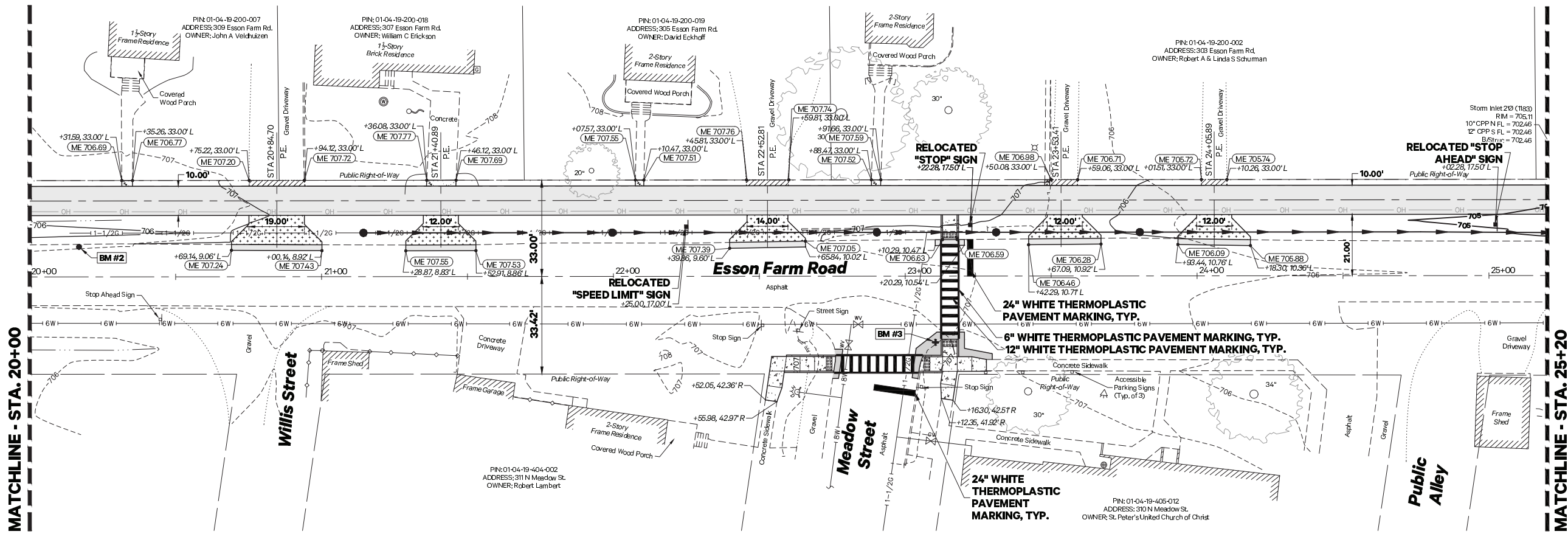
**VILLAGE OF GRANT PARK
 MULTI-USE PATH**

PLAN & PROFILES

SCALE: 1" = 20' SHEET NO. 1 OF 3 SHEETS STA. 15+95.70 TO STA. 20+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00018-00-BT	KANKAKEE	22	8
CONTRACT NO. 87812				
ILLINOIS FED. AID PROJECT				

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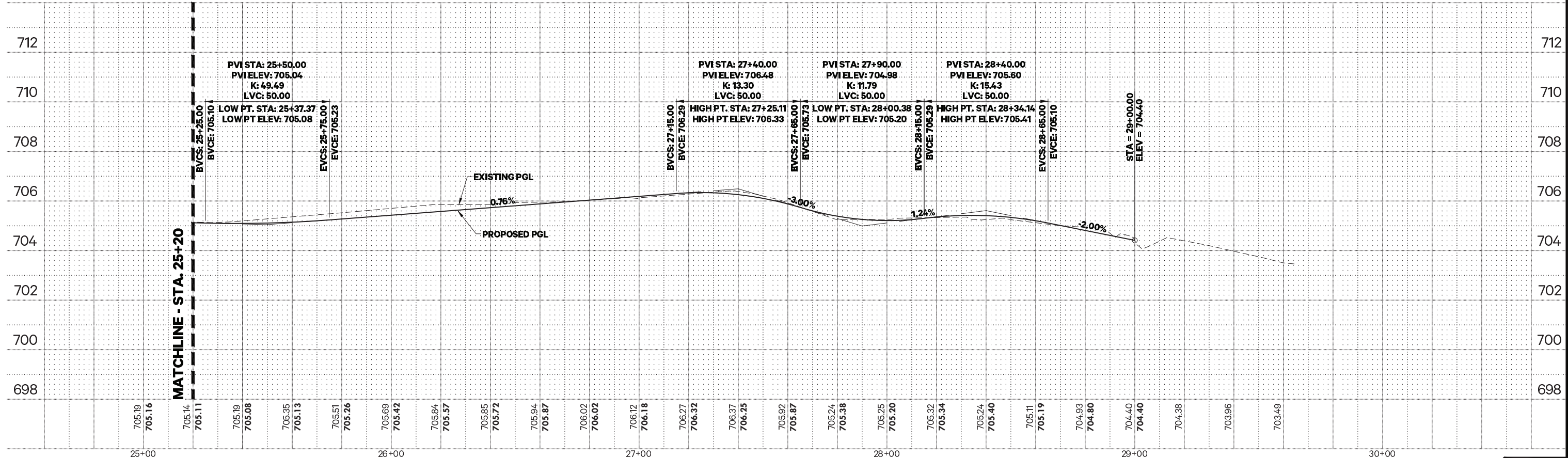
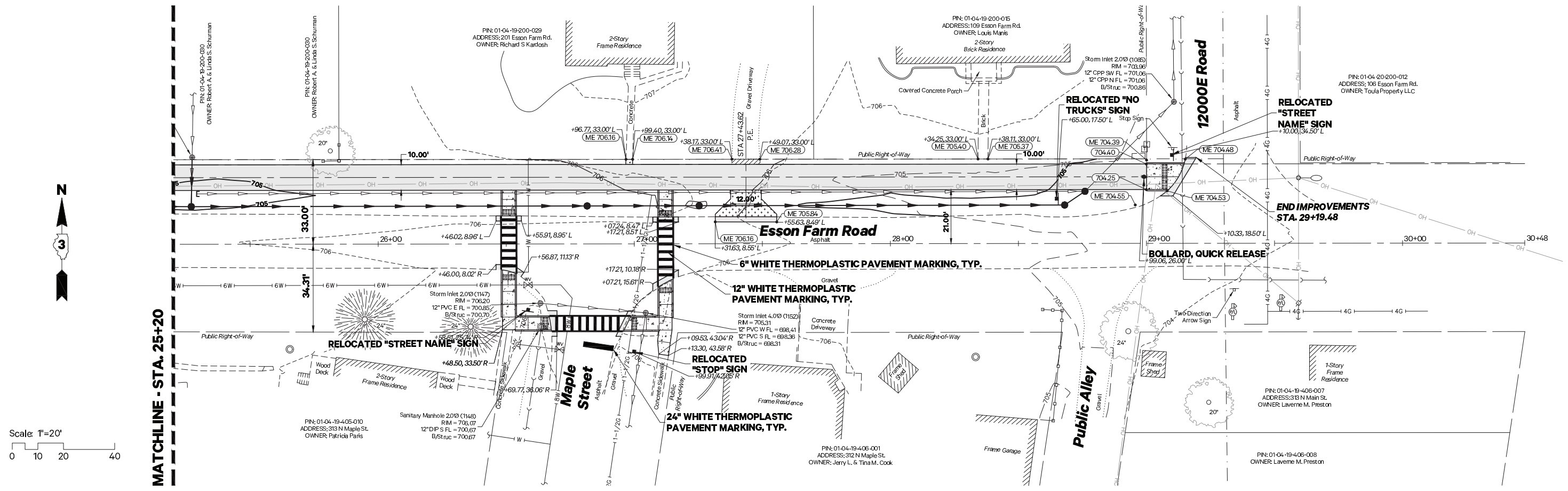
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**VILLAGE OF GRANT PARK
 MULTI-USE PATH**

PLAN & PROFILES

SCALE: 1" = 20' SHEET NO. 2 OF 3 SHEETS STA. 20+00.00 TO STA. 25+20.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00018-00-BT	KANKAKEE	22	9
CONTRACT NO. 87812				
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 CHECKED: N.A.P.
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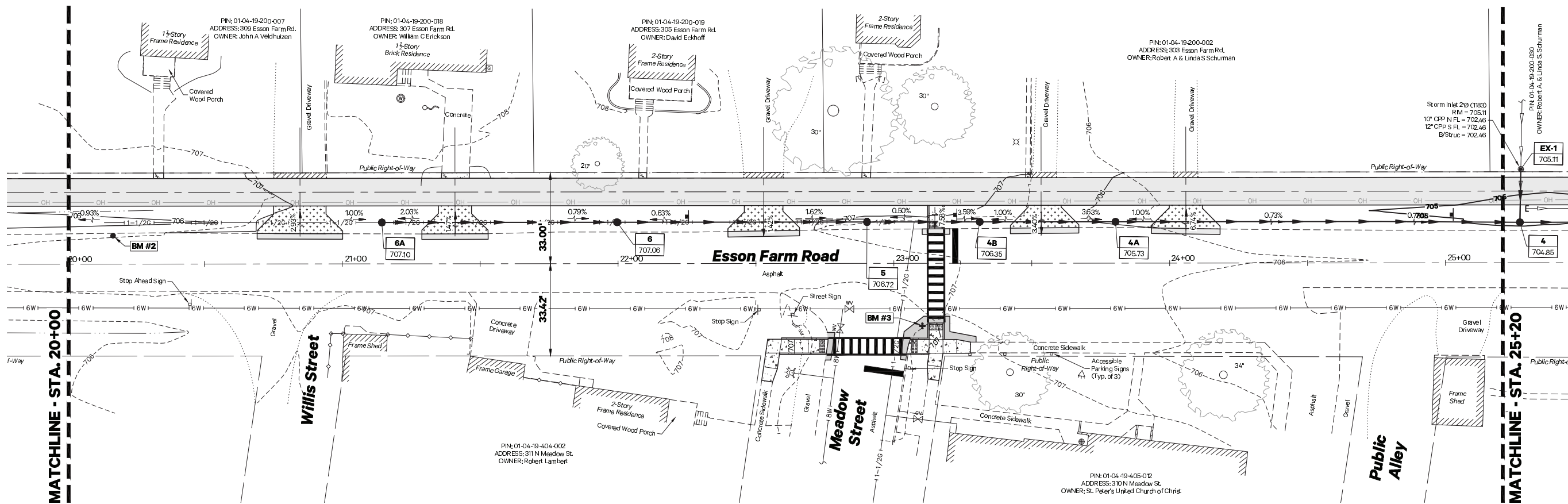
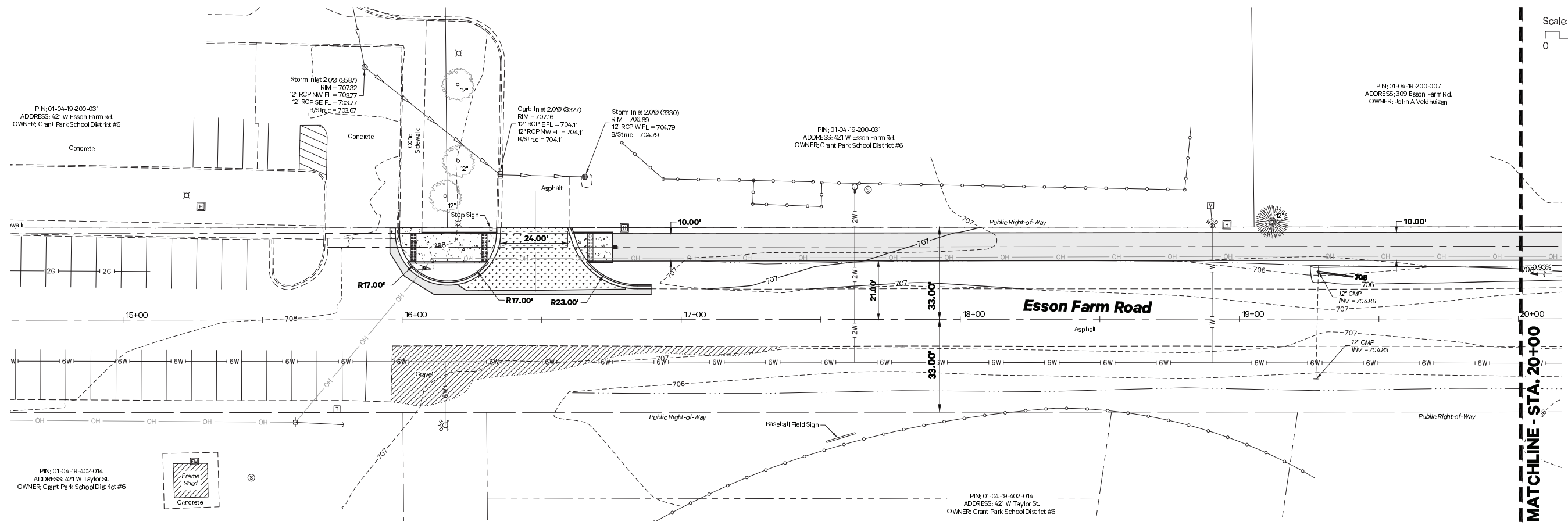
**VILLAGE OF GRANT PARK
 MULTI-USE PATH**

PLAN & PROFILES

SCALE: 1" = 20' SHEET NO. 3 OF 3 SHEETS STA. 25+20.00 TO STA. 29+17.21

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00018-00-BT	KANKAKEE	22	10
CONTRACT NO. 87812				
ILLINOIS FED. AID PROJECT				

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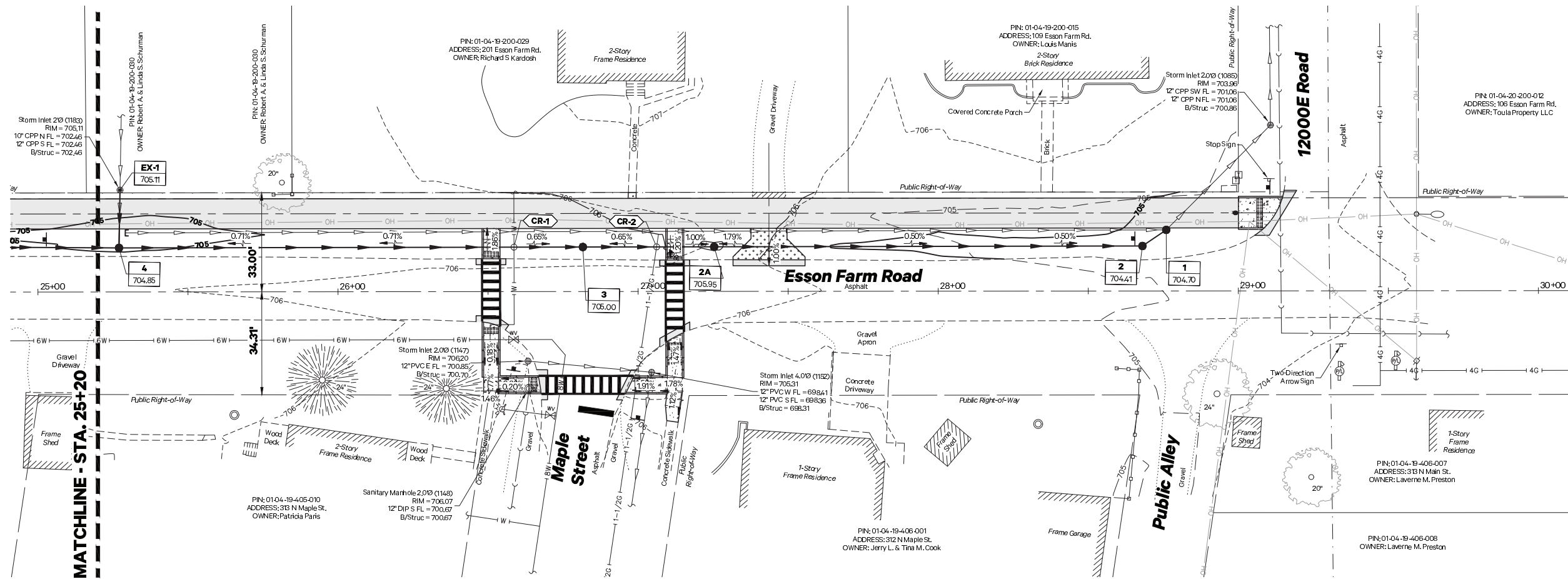
VILLAGE OF GRANT PARK
MULTI-USE PATH

DRAINAGE & UTILITY PLANS

SCALE: 1" = 20' SHEET NO. 1 OF 2 SHEETS STA. 15+95.70 TO STA. 25+20.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00018-00-BT	KANKAKEE	22	11
CONTRACT NO. 87812				
ILLINOIS FED. AID PROJECT				

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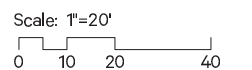


STORM SEWER STRUCTURE SCHEDULE

1. STA 28+76.00, 20.35' L INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID RIM = 704.70 12" SW. FL IN INV = 701.27 EXIST. 12" NE. FL OUT INV = 701.22 (VERIFY IN FIELD) 1-2-7 LF 12" RCP @ 0.55%	4. STA 25+27.03, 14.67' L INLETS, TYPE B, TYPE 1 FRAME, OPEN LID RIM = 704.85 12" N. FL IN INV = 702.41 12" W. FL IN INV = 702.41 12" E. FL OUT INV = 702.41 4-EX-1: 17 LF 12" RCP @ 0.30% 4-4: 144 LF 12" RCP @ 0.22%	5. STA 22+90.28, 15.00' L INLETS, TYPE A, TYPE 8 GRATE RIM = 706.72 12" W. FL IN INV = 704.05 12" E. FL OUT INV = 704.05 5-6-89 LF 12" RCP @ 0.22%
2. STA 28+68.06, 15.00' L INLETS, TYPE A, TYPE 8 GRATE RIM = 704.41 12" W. FL IN INV = 701.31 12" E. FL OUT INV = 701.31 2-2A: 141 LF 12" RCP @ 0.35%	EX-1. STA 25+27.38, 33.93' LT EXISTING INLET EX. RIM = 705.11 EX 10" N. FL IN INV = 702.46 (VERIFY IN FIELD) 12" S. FL OUT INV = 702.46	6. STA 21+99.65, 15.00' L INLETS, TYPE A, TYPE 8 GRATE RIM = 707.06 12" W. FL IN INV = 704.25 12" E. FL OUT INV = 704.25 6-6A: 83 LF 12" RCP @ 0.22%
2A. STA 27+25.34, 14.86' L INLETS, TYPE A, TYPE 8 GRATE RIM = 705.95 12" W. FL IN INV = 701.81 12" E. FL OUT INV = 701.81 2A-3: 42 LF 12" RCP @ 0.35%	4A. STA 23+80.38, 15.00' L INLETS, TYPE A, TYPE 8 GRATE RIM = 705.73 12" W. FL IN INV = 703.87 12" E. FL OUT INV = 702.73 4A-4B: 47 LF 12" RCP @ 0.22%	6A. STA 21+14.37, 15.00' L INLETS, TYPE A, TYPE 8 GRATE RIM = 707.10 12" E. FL OUT INV = 704.43
3. STA 26+81.60, 14.82' L INLETS, TYPE A, TYPE 8 GRATE RIM = 705.00 12" W. FL IN INV = 701.95 12" E. FL OUT INV = 701.95 3-4: 152 LF 12" RCP @ 0.30%	4B. STA 23+31.15, 15.00' L INLETS, TYPE A, TYPE 8 GRATE RIM = 706.35 12" W. FL IN INV = 703.97 12" E. FL OUT INV = 703.97 4B-5: 39 LF 12" RCP @ 0.22%	

UTILITY CROSSING SCHEDULE

CR-1. STA. 26+58.64, 14.75' LT EXISTING FINISHED GRADE = 705.65 12" STORM BOTTOM = 701.40 EXIST. 1" WATER MAIN BOTTOM = 701.15 (VERIFY IN FIELD)	CR-2. STA. 27+06.16, 14.79' LT EXISTING FINISHED GRADE = 705.79 EXIST. 1 1/2" GAS MAIN BOTTOM = 703.17 (VERIFY IN FIELD) 12" STORM TOP = 703.05
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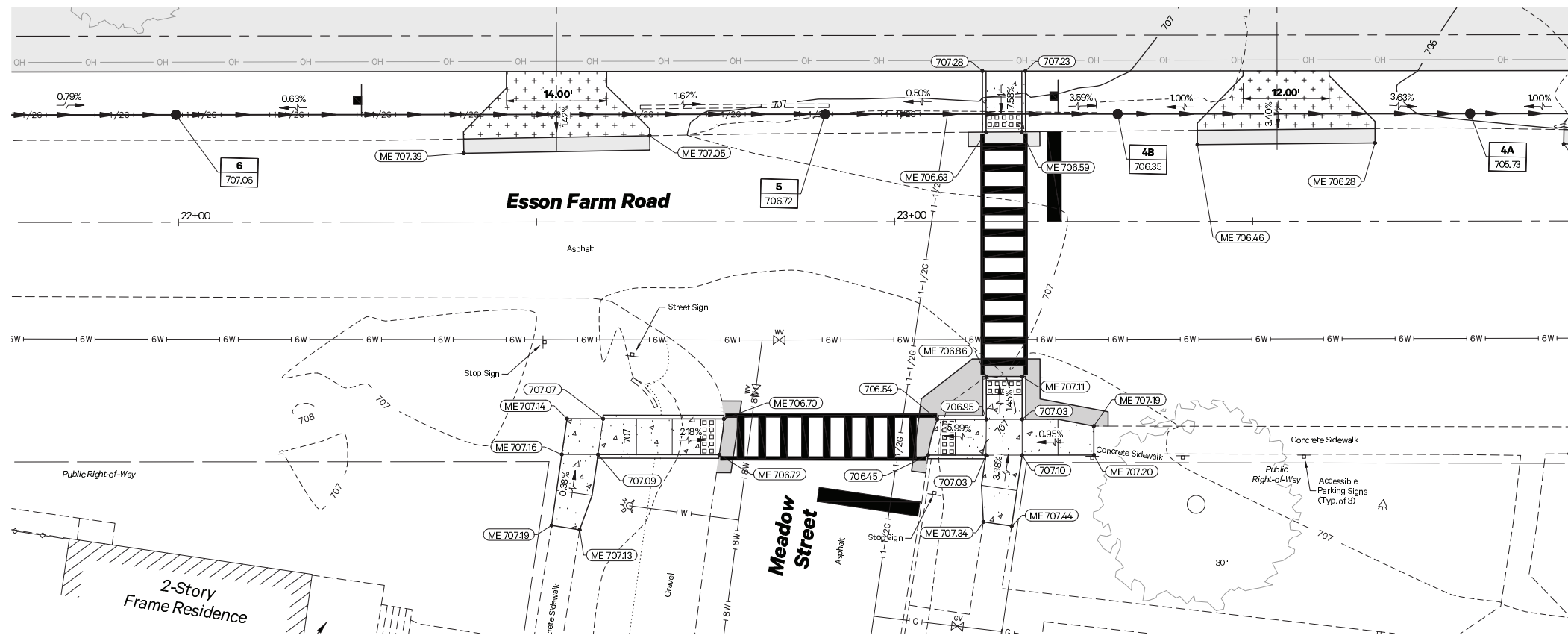
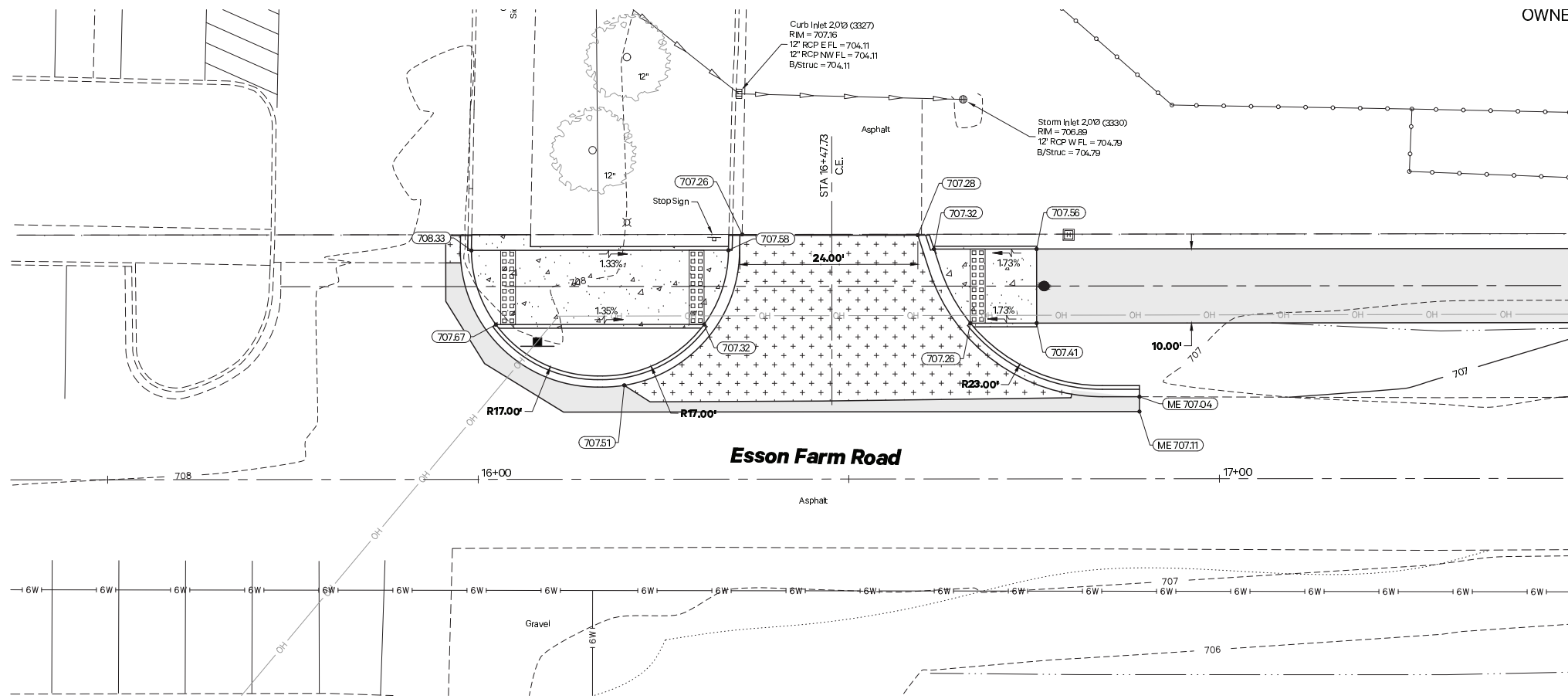
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DRAWN: JGW
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DATE: 6/7/2022

**VILLAGE OF GRANT PARK
MULTI-USE PATH**

DRAINAGE & UTILITY PLANS

SCALE: 1" = 20' SHEET NO. 2 OF 2 SHEETS STA. 25+20.00 TO STA. 29+17.21

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00018-00-BT	KANKAKEE	22	12
CONTRACT NO. 87812				
ILLINOIS FED. AID PROJECT				



**VILLAGE OF GRANT PARK
MULTI-USE PATH**

**MULTI-USE PATH
INTERSECTION GRADING DETAIL**

SCALE: 1" = 10' SHEET NO. 1 OF 2 SHEETS STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00018-00-BT	KANKAKEE	22	13
CONTRACT NO. 87812				

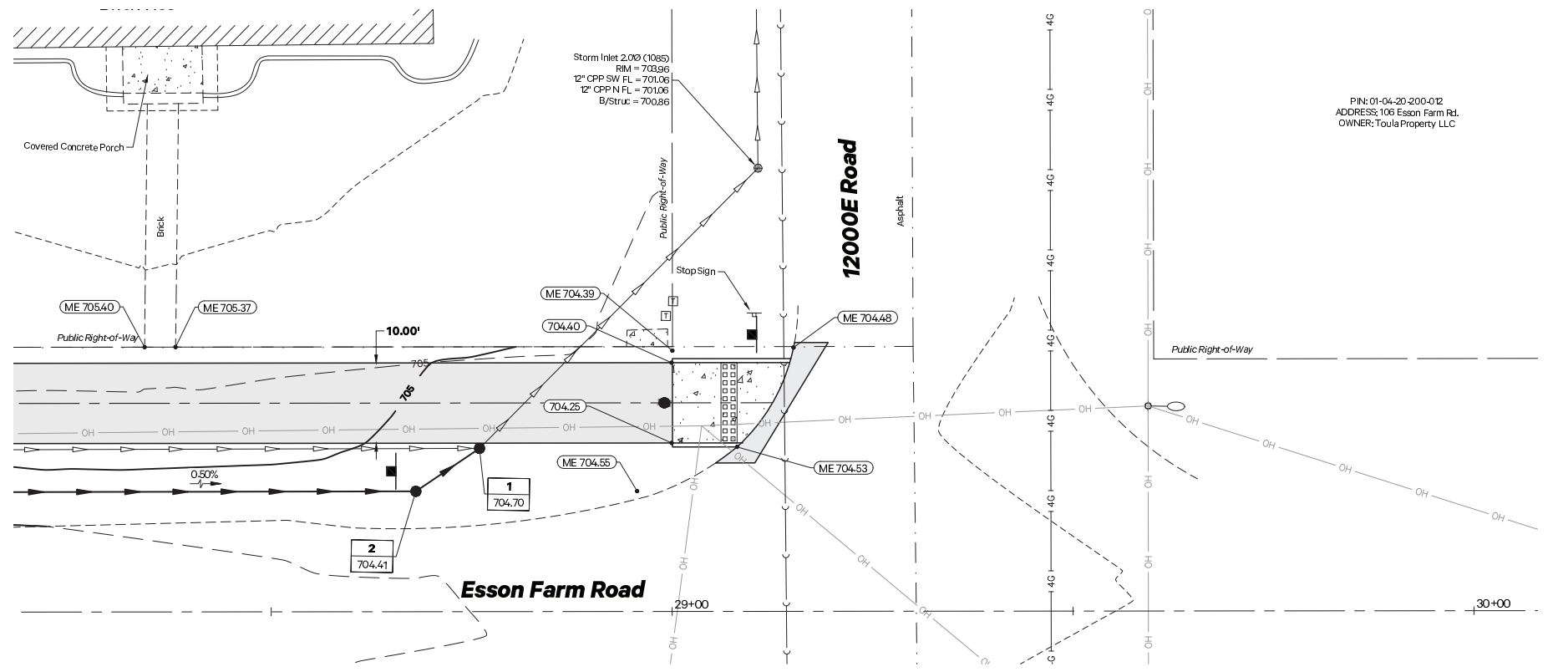
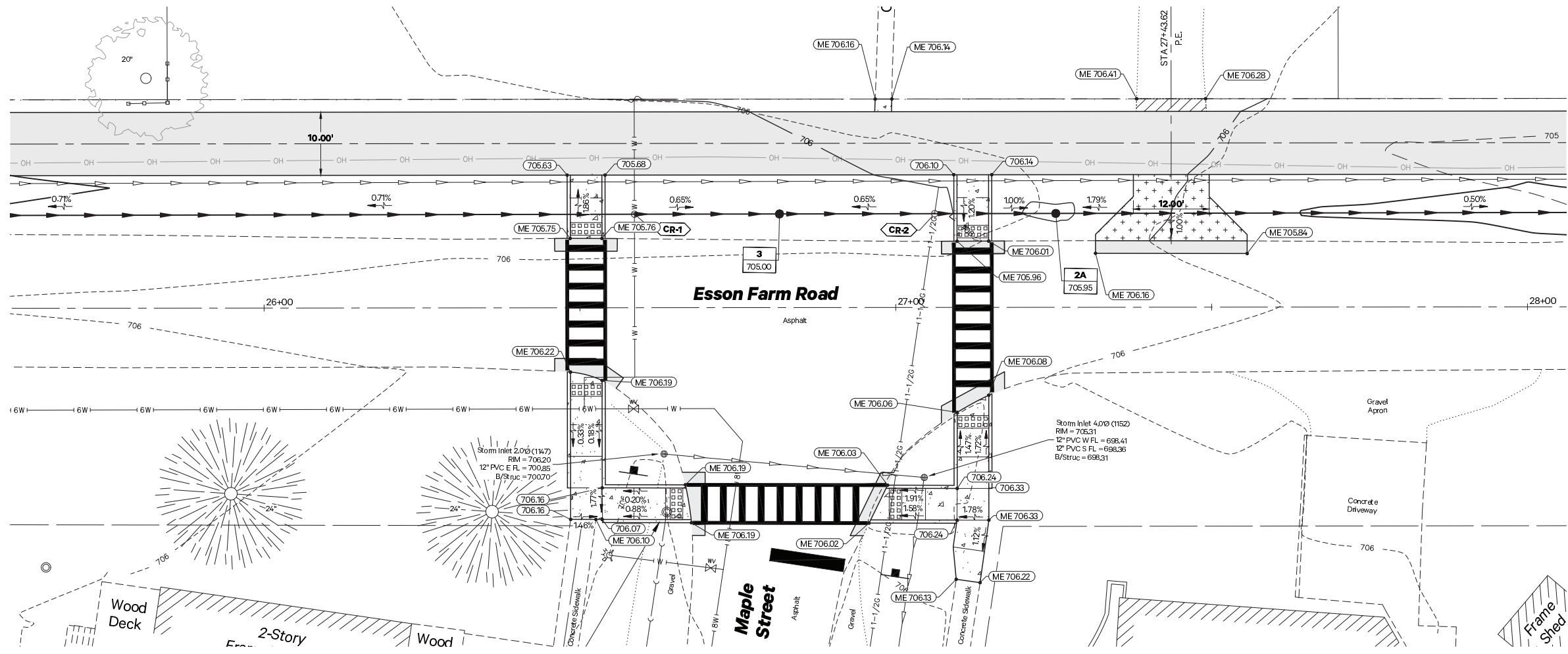
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**VILLAGE OF GRANT PARK
 MULTI-USE PATH**

**MULTI-USE PATH
 INTERSECTION GRADING DETAIL**



SCALE: 1" = 10' SHEET NO. 2 OF 2 SHEETS STA. N/A TO STA. N/A

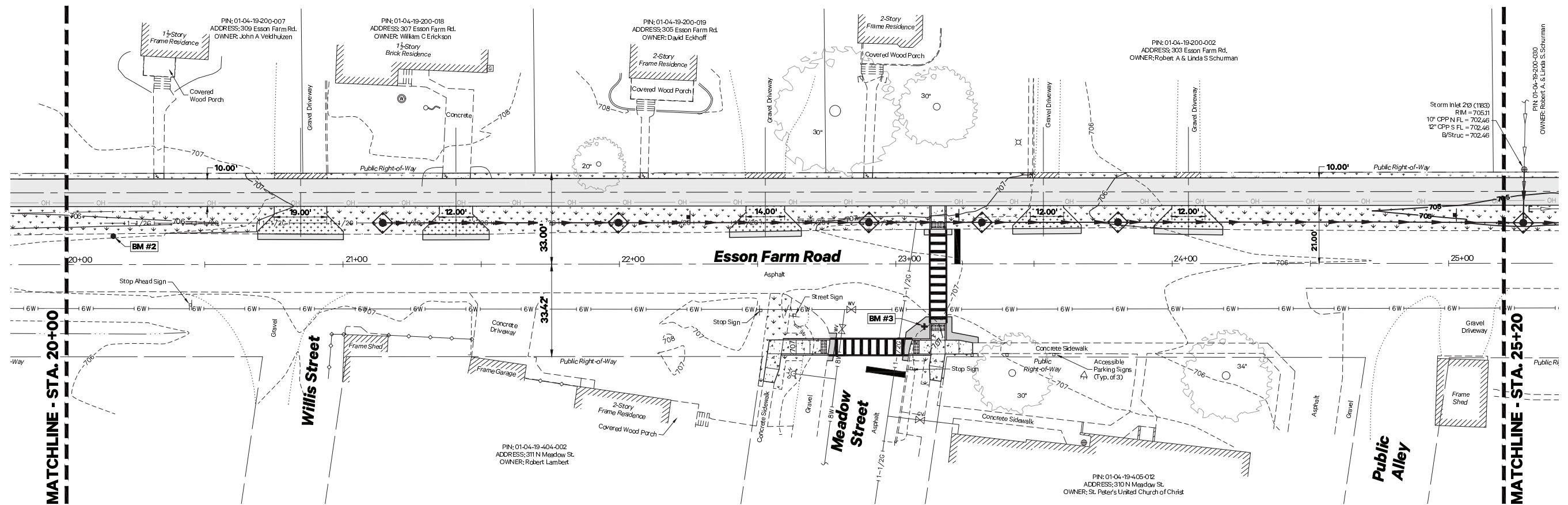
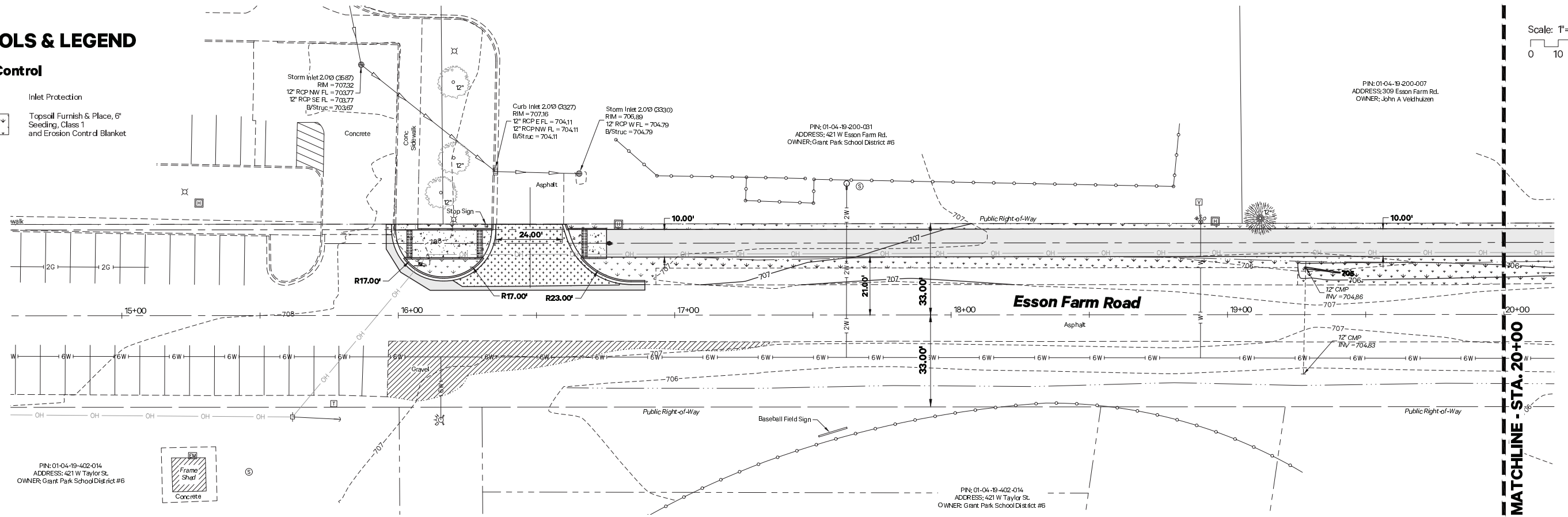
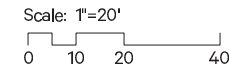
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ILLINOIS FED. AID PROJECT				

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SYMBOLS & LEGEND

Erosion Control

-  Inlet Protection
-  Topsoil Furnish & Place, 6" Seeding, Class 1 and Erosion Contr'd Blanket



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VILLAGE OF GRANT PARK MULTI-USE PATH

EROSION CONTROL PLAN

SCALE: 1" = 20' SHEET NO. 1 OF 2 SHEETS STA. 15+95.70 TO STA. 25+20.00



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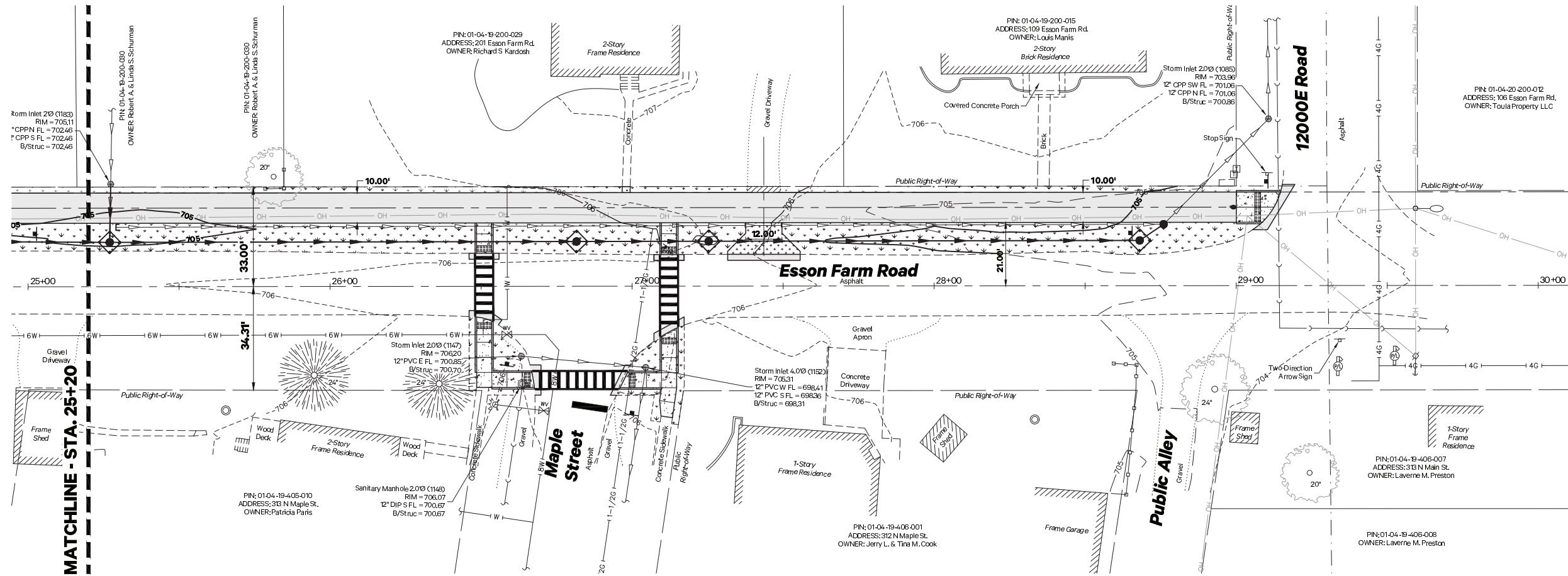
CONTRACT NO. 87812

ILLINOIS FED. AID PROJECT

SYMBOLS & LEGEND

Erosion Control

-  Inlet Protection
-  Topsoil Furnish & Place, 6" Seeding, Class 1 and Erosion Control Blanket



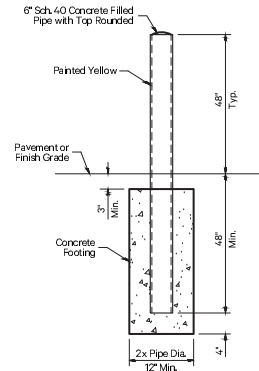
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CONTRACT NO. 87812				
ILLINOIS FED. AID PROJECT				

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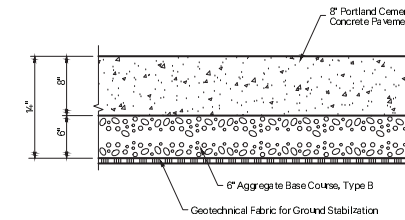
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DET-1_SGN_Bollard

COMMERCIAL ENTRANCE PAVEMENT DETAIL

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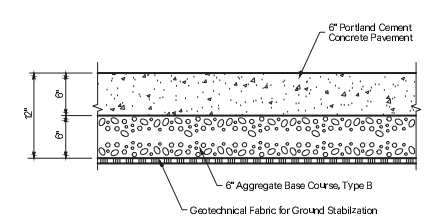


GENERAL NOTES

See plan for % slope of pavement.
DET-1-PMT_Port Conv Section/Reel/Concrete

PRIVATE ENTRANCE PAVEMENT DETAIL

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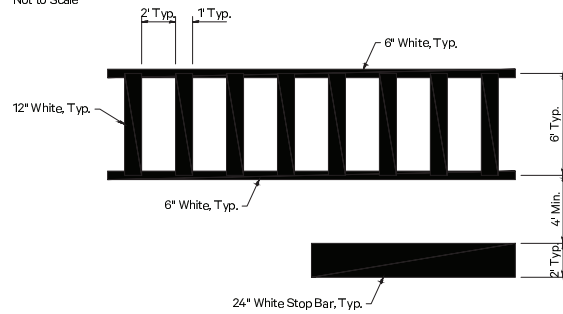


GENERAL NOTES

See plan for % slope of pavement.
DET-1-PMT_Port Conv Section/Reel/Concrete

CROSSWALK AND STOP BAR

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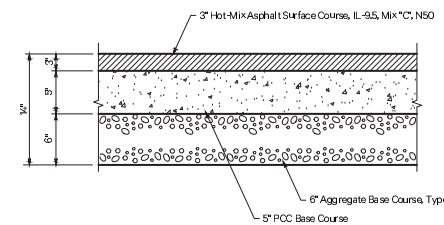


GENERAL NOTES

Spacing of Crosswalk Lines Selected to Avoid Wheel Path
DET-1_SGN_Crosswalk/Stop Bar

HMA PAVEMENT REPLACEMENT ADJACENT TO CURB & GUTTER DETAIL

Not to Scale

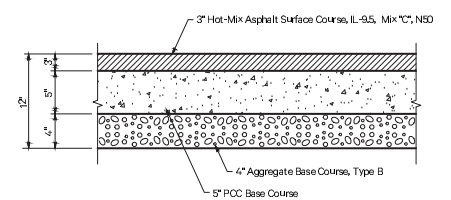


GENERAL NOTES

See Plan for % Slope of Pavement
DET-1-PMT_Driveway Cross Section/Bituminous

HMA PAVEMENT REPLACEMENT DETAIL

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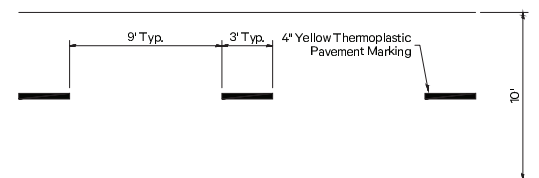


GENERAL NOTES

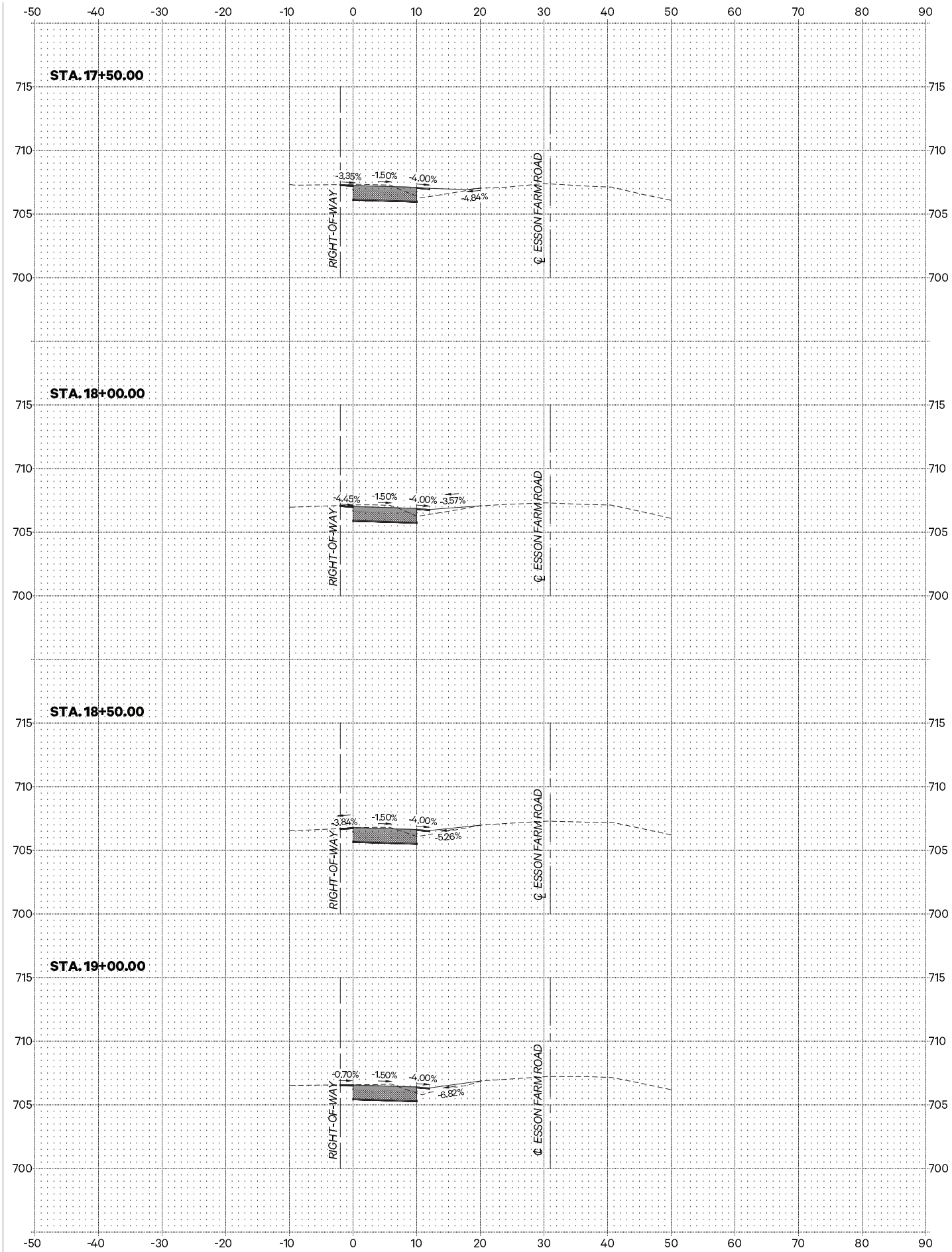
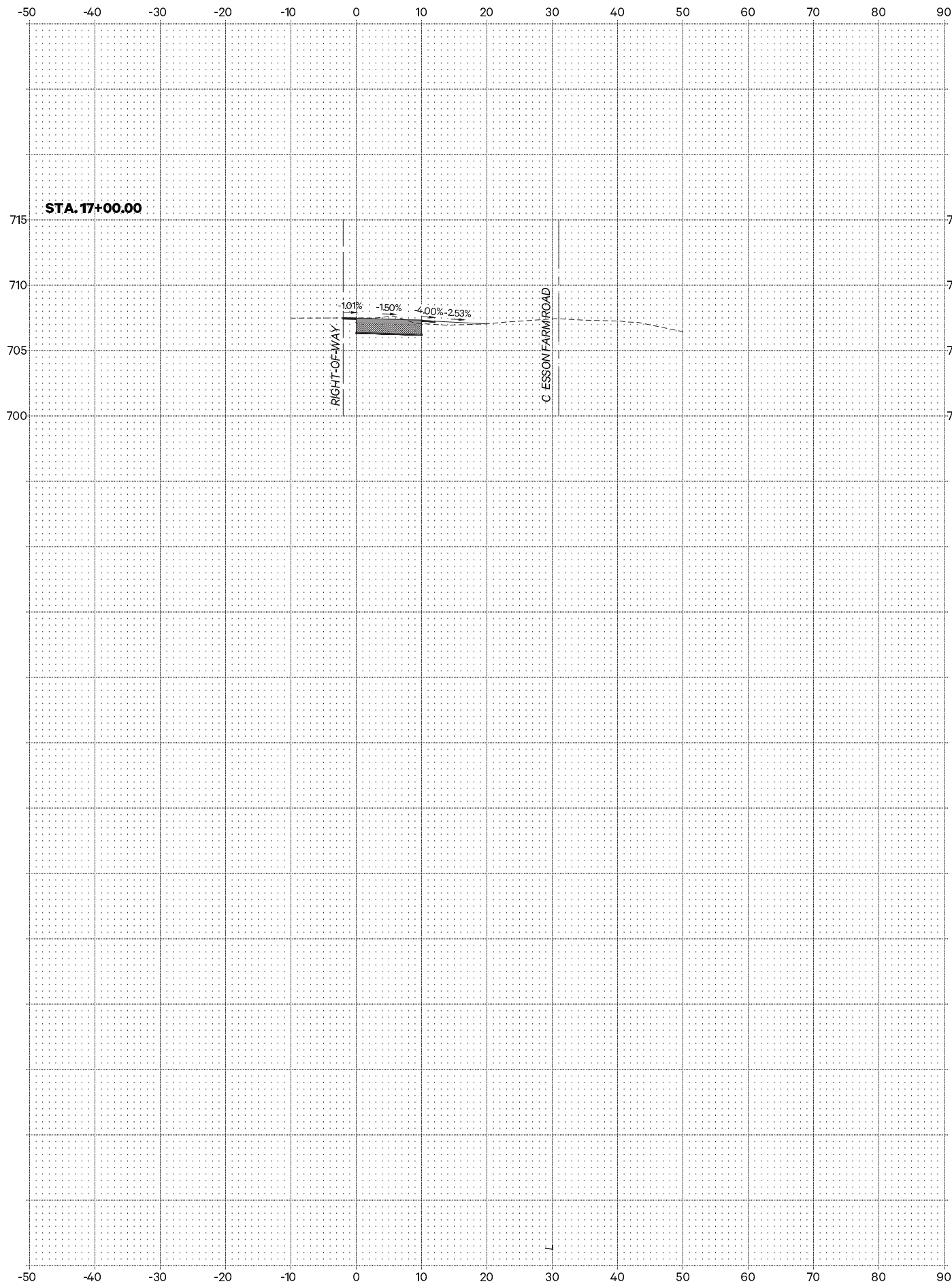
See Plan for % Slope of Pavement
DET-1-PMT_Driveway Cross Section/Bituminous

PATH STRIPING DETAIL

Not to Scale



DET-1_SGN_Path Striping



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DESIGNED: T.J.L.
 DRAWN: J.G.W.
 CHECKED: N.A.P.
 DATE: 6/7/2022

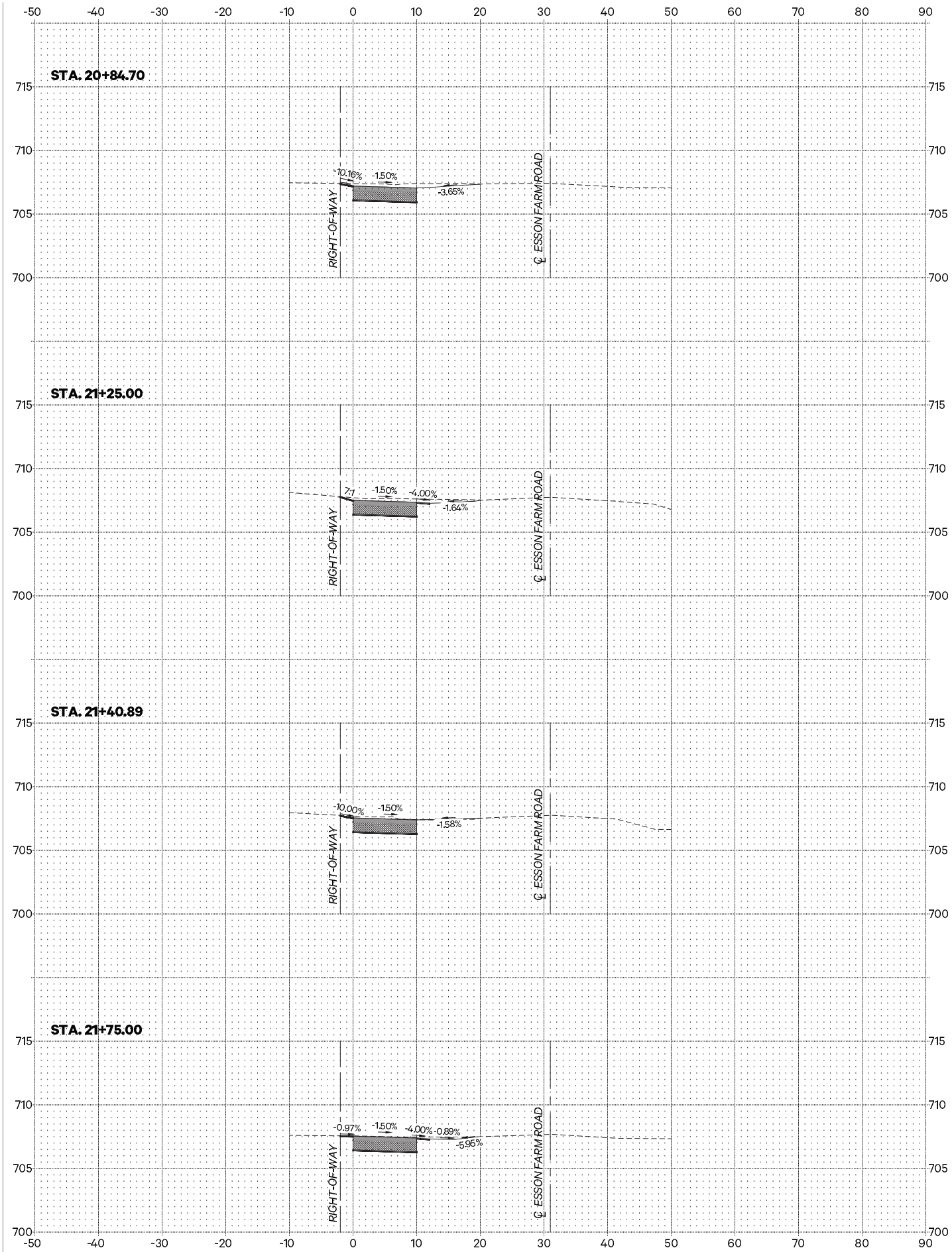
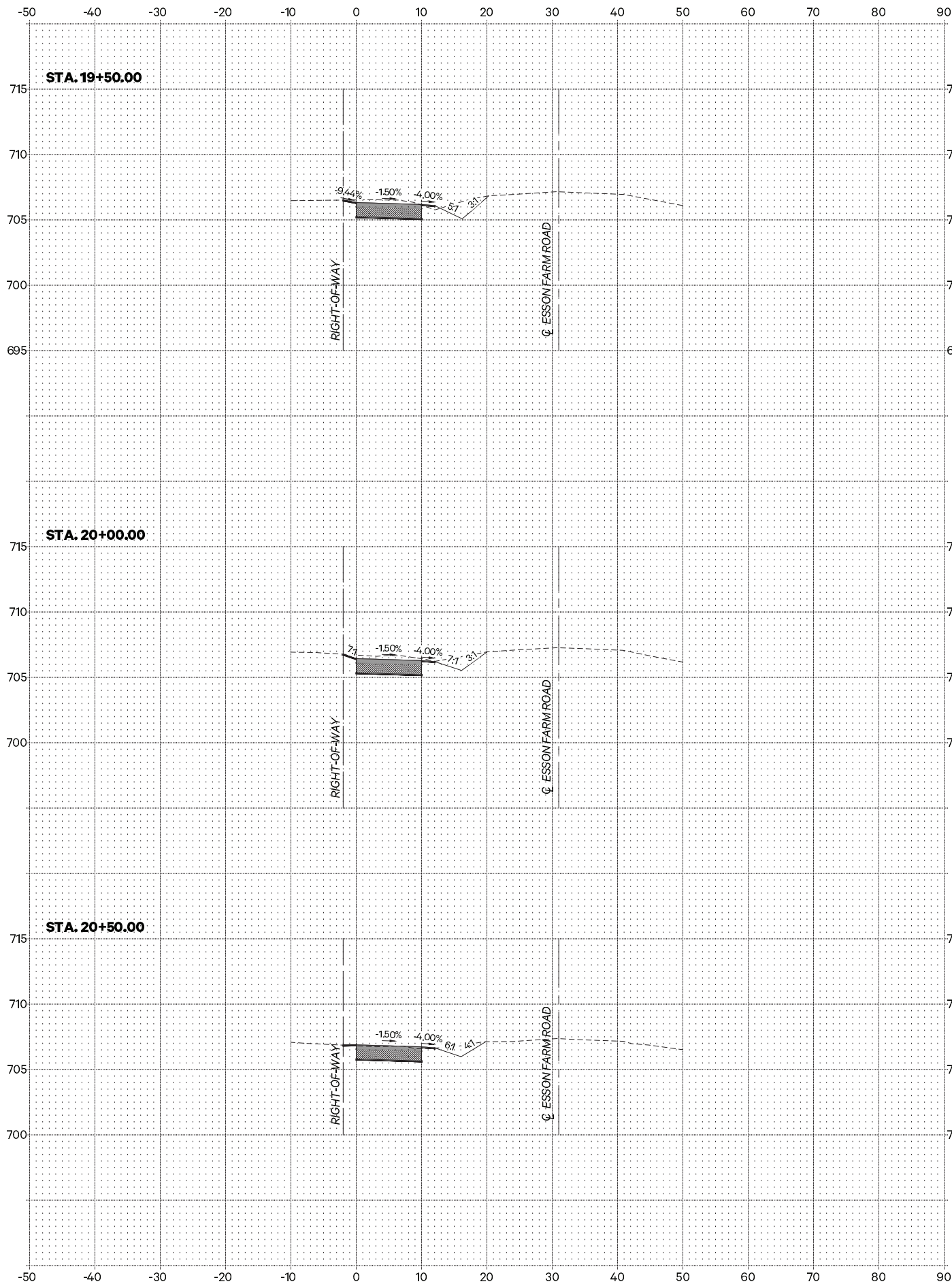
REVISED: per IDOT Review - 12/14/2022
 REVISED: _____
 REVISED: _____
 REVISED: _____

**VILLAGE OF GRANT PARK
 MULTI-USE PATH**

CROSS SECTIONS

SCALE: SHEET NO. 1 OF 5 SHEETS STA. 15+50.00 TO STA. 19+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00018-00-BT	KANKAKEE	22	18
CONTRACT NO. 87812				
ILLINOIS FED. AID PROJECT				



USER NAME: drafting2
 FILE NAME: 20163.0301 Plan.dwg
 PLOT SCALE: 0.3869:1
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DESIGNED: T.J.L
 DRAWN: J.G.W
 CHECKED: NAP
 DATE: 6/7/2022

REVISED: per IDOT Review - 12/14/2022
 REVISED: _____
 REVISED: _____
 REVISED: _____

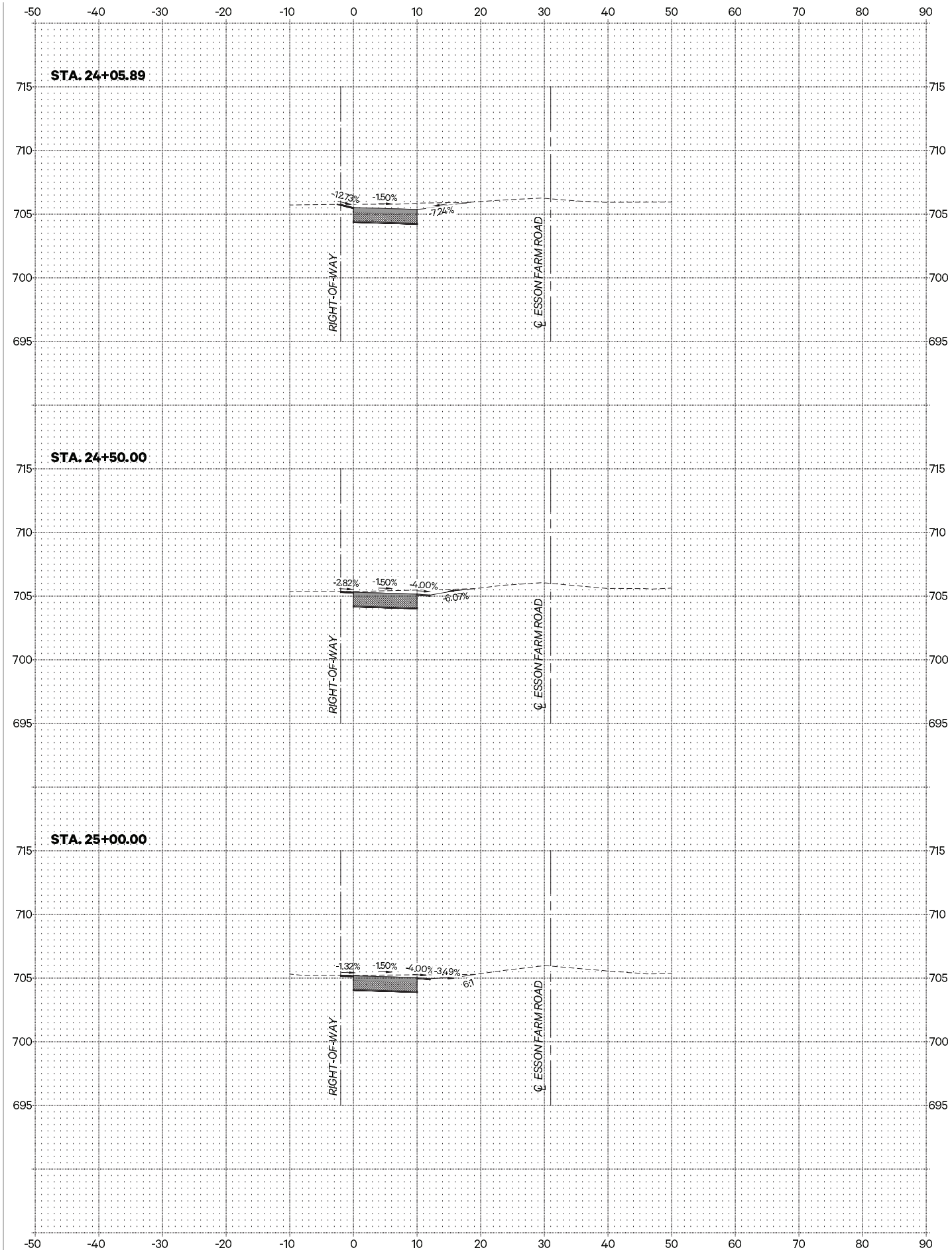
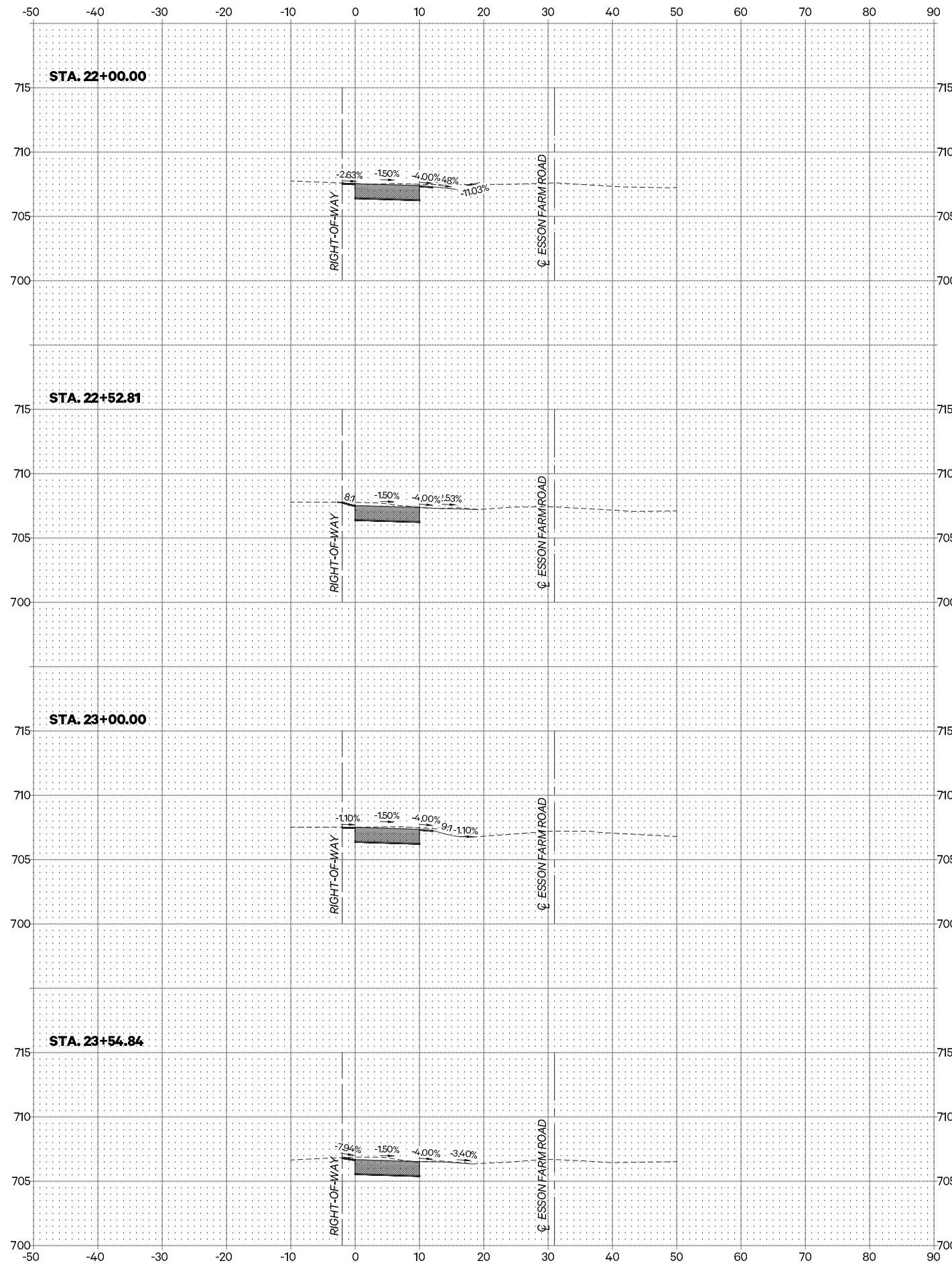
**VILLAGE OF GRANT PARK
 MULTI-USE PATH**

CROSS SECTIONS

SCALE: SHEET NO. 2 OF 5 SHEETS STA. 19+50.00 TO STA. 21+75.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00018-00-BT	KANKAKEE	22	19
CONTRACT NO. 87812				
ILLINOIS FED. AID PROJECT				

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PIGGUSH ENGINEERING
 586 William Latham Drive, Suite 8
 Bourbonnais, IL 60914
 O 815.614.3447
 F 815.614.3735
 PiggushEng.com

USER NAME : drafting2
 FILE NAME : 20163.0301 Plan.dwg
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DESIGNED : T.J.L
 DRAWN : J.G.W
 CHECKED : NAP
 DATE : 6/7/2022

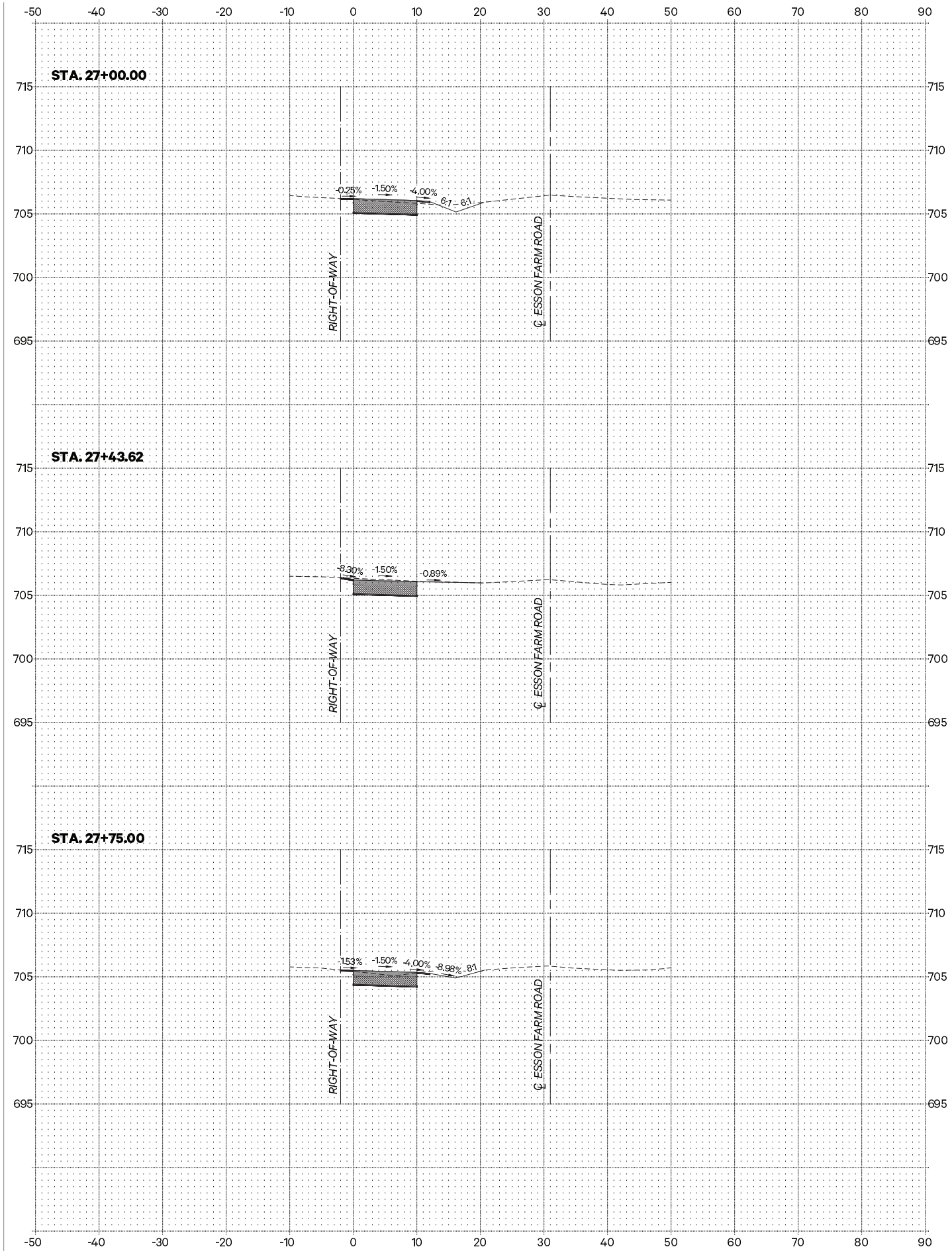
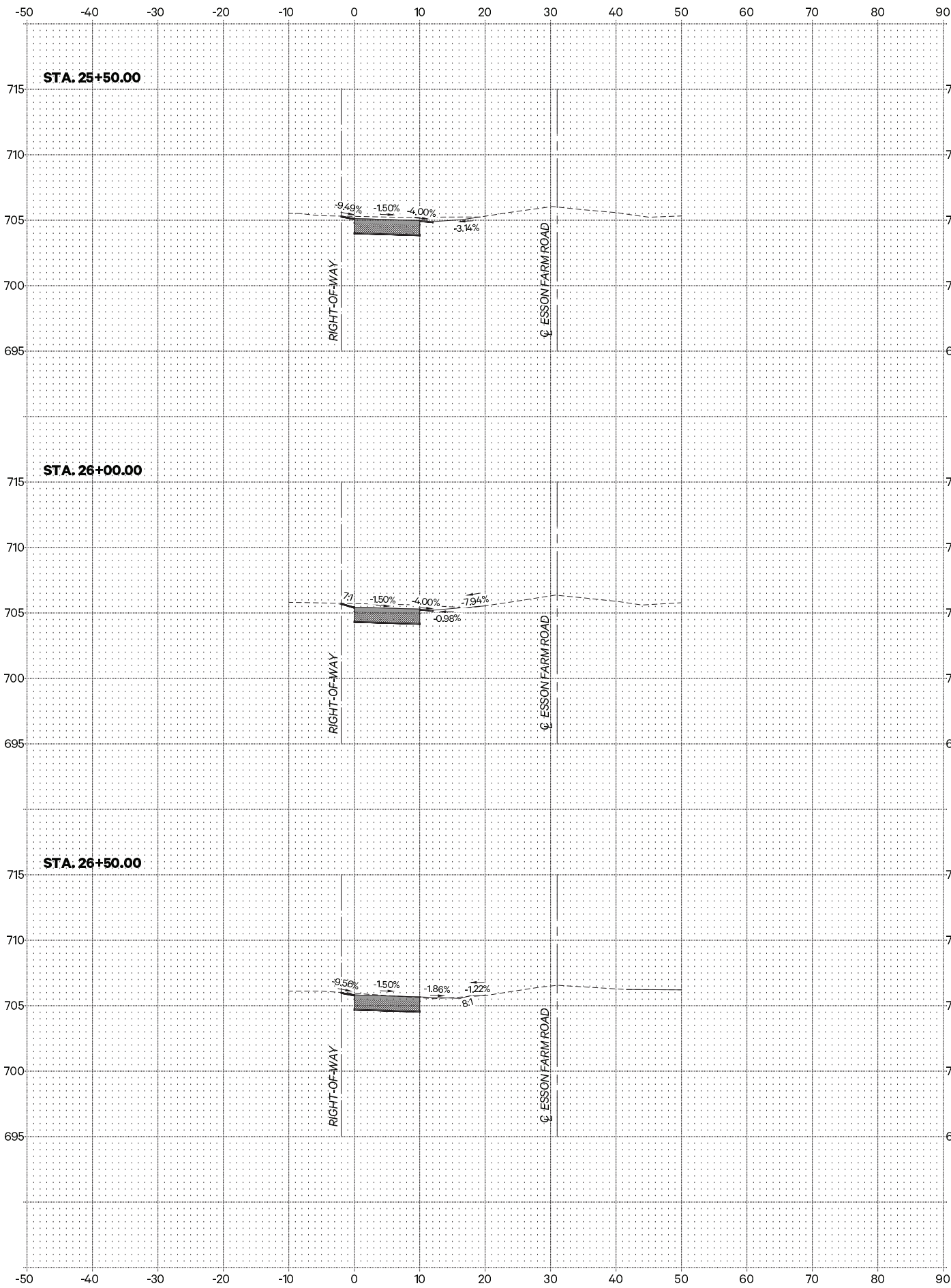
REVISED : per IDOT Review - 12/14/2022
 REVISED :
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 REVISED :

**VILLAGE OF GRANT PARK
 MULTI-USE PATH**

CROSS SECTIONS

SCALE: 1" = 10' SHEET NO. 3 OF 5 SHEETS STA. 22+00.00 TO STA. 25+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00018-00-BT	KANKAKEE	22	20
CONTRACT NO. 87812				
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USER NAME : drafting2
 FILE NAME : 20163.0301 Plan.dwg
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 DRAWN : JGW
 CHECKED : NAP
 DATE : 6/7/2022

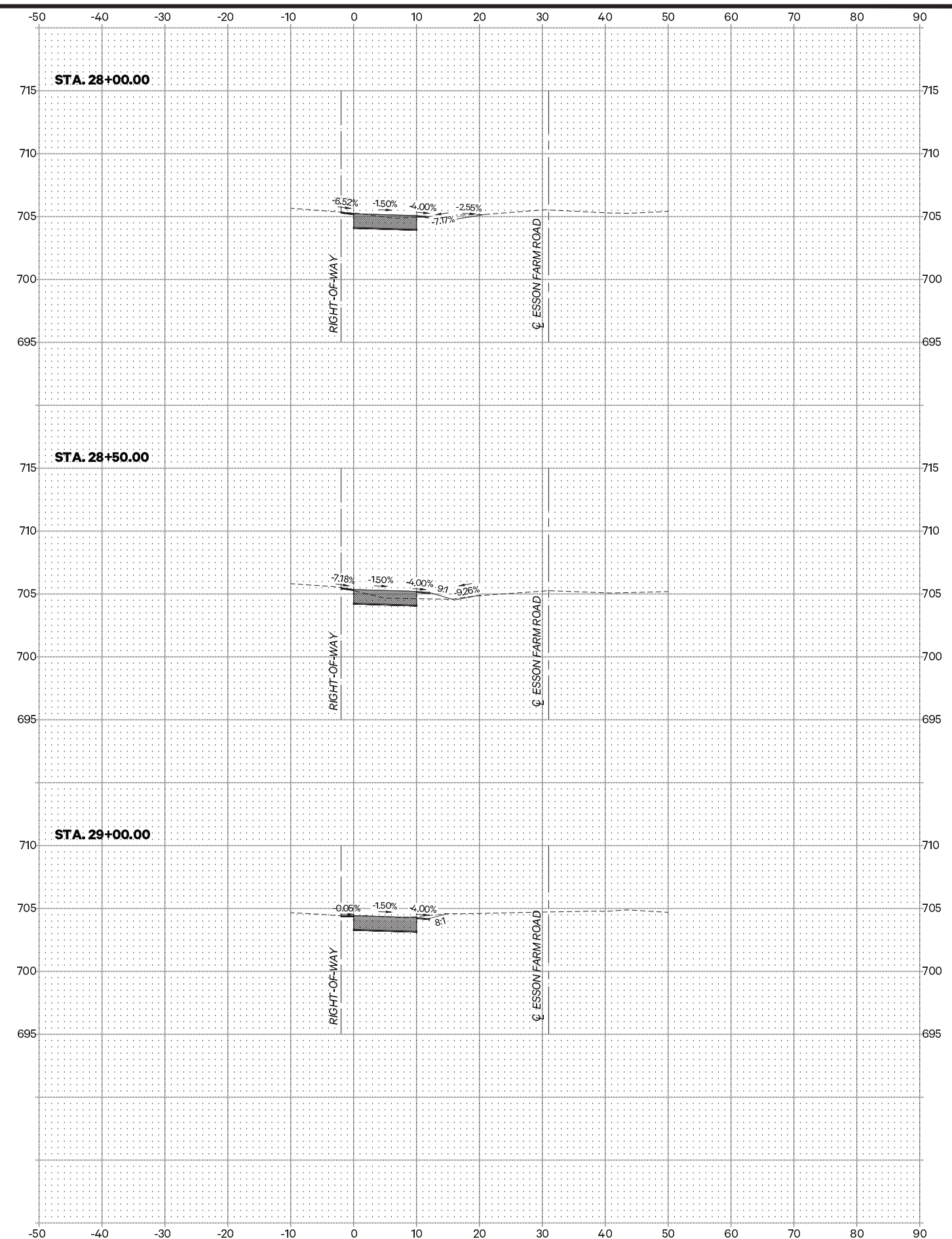
REVISED : per IDOT Review - 12/14/2022
 REVISED : _____
 REVISED : _____
 REVISED : _____

**VILLAGE OF GRANT PARK
MULTI-USE PATH**

CROSS SECTIONS

SCALE : SHEET NO. 4 OF 5 SHEETS STA. 25+50.00 TO STA. 27+75.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00018-00-BT	KANKAKEE	22	21
CONTRACT NO. 87812				
ILLINOIS FED. AID PROJECT				



**VILLAGE OF GRANT PARK
MULTI-USE PATH**

CROSS SECTIONS

SCALE: SHEET NO. 5 OF 5 SHEETS STA. 28+00.00 TO STA. 29+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00018-00-BT	KANKAKEE	22	22
CONTRACT NO. 87812				
ILLINOIS FED. AID PROJECT				



USER NAME : drafting2
FILE NAME : 20163.0301 Plan.dwg
PLOT SCALE : 0.3869:1
PLOT DATE : 1/4/2023 1:10:35 PM

DESIGNED : T.JL
DRAWN : JGW
CHECKED : NAP
DATE : 6/7/2022

REVISED : per IDOT Review - 12/14/2022
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