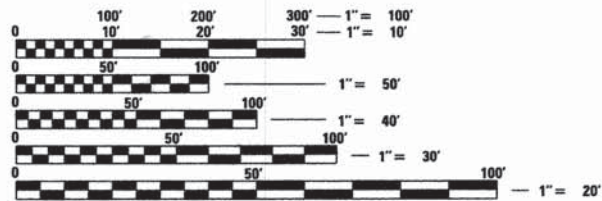


FOR INDEX OF SHEETS, SEE SHEET NO. 2
 FOR LIST OF STATE STANDARDS, SEE SHEET NO. 2



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.

TRAFFIC DATA=OFF SYSTEM
 DESIGN DESIGNATION=LOCAL STREET
 SPEED LIMIT=NA

J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION CALL 811

PROFESSIONAL ENGINEER'S SIGN & SEAL
 EXCLUDING SHEET(S):

Jeffrey L. Pisha
 JEFFREY L. PISHA, P.E.
 EXPIRES: 11-30-13

STRUCTURAL ENGINEER'S SIGN & SEAL
 FOR STRUCTURAL SHEET(S): 2.5 & 26.427

Robert G. Davies
 ROBERT G. DAVIES, P.E., S.E.
 EXPIRES: 11-30-14

APPROVED December 11 2013

Peter A. Ben
 BATAVIA PUBLIC SCHOOL DISTRICT 101,
 DIRECTOR OF BUILDINGS AND GROUNDS

APPROVED December 11 2013

John A. ...
 BATAVIA PARK DISTRICT,
 DIRECTOR OF PLANNING AND DEVELOPMENT

APPROVED December 11 2013

John ...
 FOREST PRESERVE DISTRICT-KANE COUNTY,
 EXECUTIVE DIRECTOR

PROJECT ENGINEER: J. PHANG
 PROJECT MANAGER: J. PISHA
 CONTRACT NO. 61A11

STATE OF ILLINOIS 02-28-14 LETTING ITEM 060
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

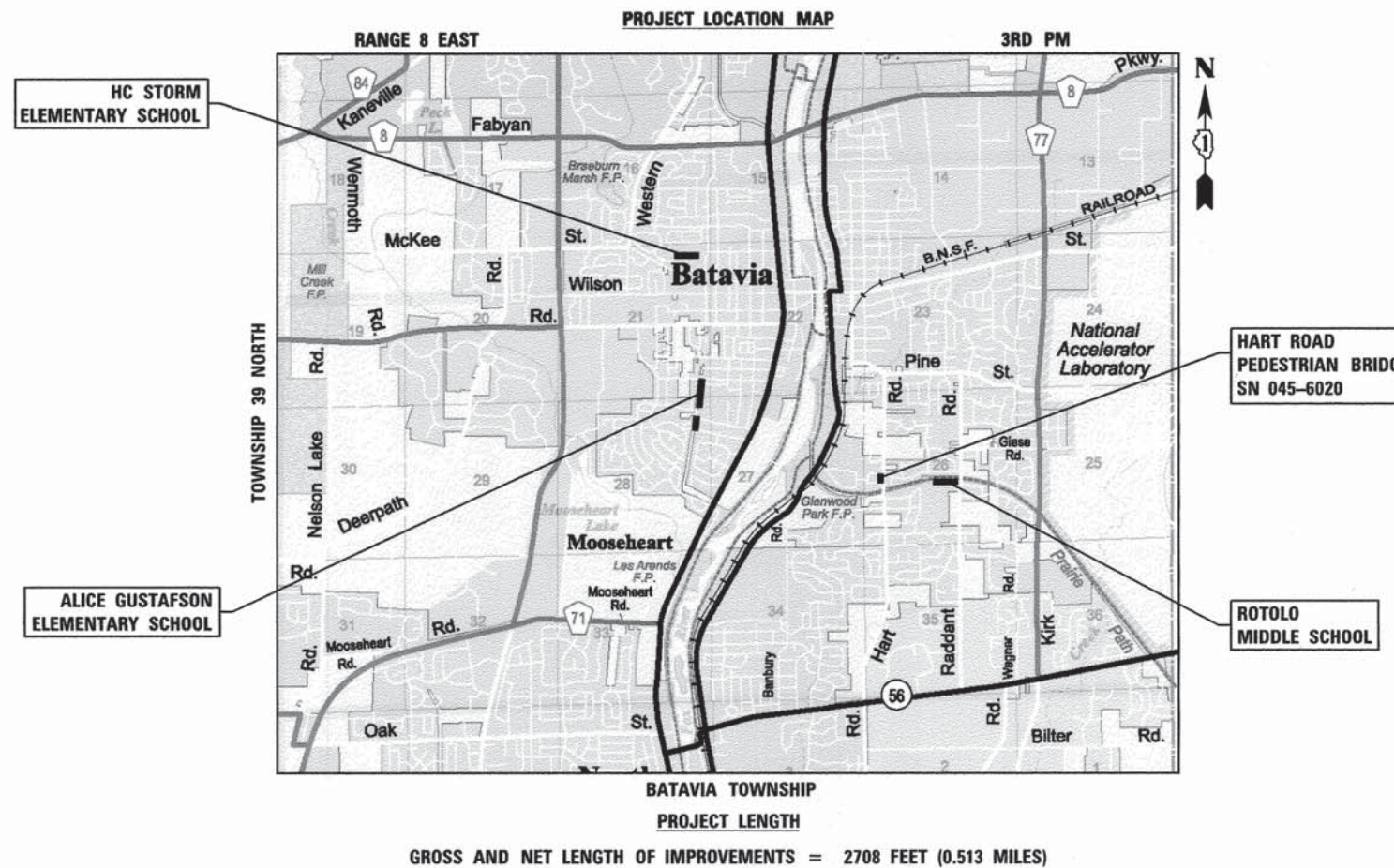
PLANS FOR PROPOSED
 FEDERAL AID HIGHWAY

HART ROAD AND RADDANT ROAD
 VARIOUS LIMITS
 SIDEWALK AND PEDESTRIAN BRIDGE

SECTION: 09-00074-00-SW
 PROJECT: SRTS-4008 (101)
 CITY OF BATAVIA
 KANE COUNTY
 JOB: C-40-010-08

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 61A11		

LOCATION OF SECTION INDICATED THUS: - [black rectangle] -



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

APPROVED December 11 2013
Neil Pasquin
 CITY OF BATAVIA

PASSED DECEMBER 17 2013
John A. ...
 DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
 BASED ON LIMITED REVIEW December 17 2013
John ...
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER

651 PRAIRIE POINTE, SUITE 201 | YORKVILLE, ILLINOIS 60560
 Phone: 630.553.7560 | Toll Free: 800.728.7805 | Fax: 630.553.7646 | HRGreen.com
 ILLINOIS PROFESSIONAL DESIGN FIRM #184-001322

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 OF THE STATE OF ILLINOIS

PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. 847-705-4406 SCHAUMBURG, IL

COMPANY NAME: HR GREEN
 PROJECT CONTACT: (Engineer) P.E.
 CLIENT: (Client name here)
 DATE PLOTTED: 12/26/2013 11:26:07 AM
 PLOT DRIVER: hr-09n
 PEN TABLE: STANDARD-TRANS.ZPL

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GENERAL NOTES

- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2012. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT SAME TO THE ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTIONS, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1, KDOT AT (630) 584-1170 AND THE CITY OF BATAVIA AT (630) 454-2000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- ALL ELEVATIONS SHOWN ON THE PLANS ARE ON THE NAVD 88 DATUM.
- FULL-DEPTH SAW CUTS SHALL BE USED TO REMOVE EXISTING PAVEMENT, CURB AND GUTTER, SIDEWALK, DRIVEWAYS, BUTT JOINTS AND APPURTENANCES FROM MATERIAL TO REMAIN, IN ACCORDANCE WITH SECTION 440 OF THE "STANDARD SPECIFICATIONS". THE COST OF THE SAWING SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE THICKNESS OF THE EXISTING PAVEMENT, SIDEWALK, CURB/GUTTER AND WHETHER OR NOT IT CONTAINS REINFORCEMENT. ALL REINFORCEMENT SHALL BE ADEQUATELY SAW CUT AS NOT TO CAUSE DAMAGE TO THE ADJACENT MATERIAL DURING REMOVAL. FOR SIDEWALK REMOVAL ADJACENT TO AN EXISTING ASPHALT/CONCRETE DRIVEWAY NOT CALLED OUT FOR REMOVAL, THE CONTRACTOR MUST REMOVE THE SIDEWALK BY HAND AS TO NOT DAMAGE THE ADJACENT PAVEMENT. ANY DAMAGE TO THE ADJACENT PAVEMENT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FIX.
- THE ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.
- ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTION MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION.

GENERAL NOTES (CONT.)

- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH CONSTRUCTION, NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- THE INDISCRIMINATE USE OF FIRE HYDRANTS OR EXISTING STREAMS, CREEKS, WETLANDS OR PONDS IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL PROVIDE A WATER TRUCK AND DRIVER AS REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WATER FROM AN APPROVED SOURCE. IF THIS WATER IS FROM A SOURCE OTHER THAN HIS YARD, WRITTEN APPROVAL FROM THE AGENCY HAVING JURISDICTION FOR THE SOURCE OF THE WATER MUST BE RECEIVED BY THE ENGINEER PRIOR TO USE OF THE WATER.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE AND TOP OF CURB, PORTLAND CEMENT CONCRETE SIDEWALK AND AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL EXISTING MAILBOXES WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND AFTER COMPLETION OF CONSTRUCTION, TO SET THEM IN THEIR PERMANENT LOCATIONS PER UNITED STATES POST OFFICE AND CITY OF BATAVIA REQUIREMENTS. THIS WORK SHALL BE DONE IN CONFORMANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS, AND THE COST WILL BE CONSIDERED INCLUDED IN THE CONTRACT.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR II BARRICADE USED, ONE (1) SAND BAG ACROSS EACH BOTTOM RAIL. TYPE III BARRICADES SHALL HAVE FOUR (4) WEIGHTED SANDBAGS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SIGNS DAMAGED BY HIS/HER CONSTRUCTION ACTIVITIES AND WILL REPLACE THEM AT NO COST TO THE CITY.
- ALL EXPOSED CONCRETE INSTALLED UNDER THIS CONTRACT (CURB & GUTTER, SIDEWALK, DRIVEWAY AREAS) SHALL RECEIVE A PROTECTIVE SURFACE TREATMENT CONSISTING OF TWO (2) COATS OF BOILED LINSEED OIL AND PETROLEUM SPIRITS MIXTURE, WITH PIGMENTATION, FORMULATED AND APPLIED ACCORDING TO ARTICLE 420.18. IF AN APPLICATION OF SAND IS REQUIRED BY THE ENGINEER FOR BLOTTER MATERIAL, IT WILL BE CONSIDERED INCLUDED IN THE COST OF THIS WORK.

SIGNING AND STRIPING

- SEE IDOT DISTRICT ONE DETAILS AND PLAN SHEETS FOR PAVEMENT MARKING DETAILS.
- SIGNS SHALL NOT BE MOVED OR COVERED UNTIL PROGRESS OF WORK NECESSITATES IT.
- THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL SUCH SIGNS THAT INTERFERE WITH HIS CONSTRUCTION OPERATIONS. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING AND MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.

EROSION CONTROL

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE KANE COUNTY AND THE CITY OF BATAVIA STORMWATER ORDINANCES, ALL CONSTRUCTION ACTIVITIES WILL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT ILR40. THE CONTRACTOR SHALL ALSO UTILIZE THE STANDARDS AND SPECIFICATIONS IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.
- SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE THE PROJECT SITE IS OTHERWISE DISTURBED.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PROTECT WETLANDS TO REMAIN FROM DAMAGE BY SEDIMENT, CONSTRUCTION EQUIPMENT OR BY HIS WORK CREWS. THE CONTRACTOR SHALL ASSURE THAT DEBRIS OR ANY CONSTRUCTION MATERIAL IS NOT DISPOSED OF IN WETLANDS.
- GRAVEL ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, SHALL BE PROVIDED TO PREVENT SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY AND AS NEEDED.
- CLEANING OF VEHICLES AND EQUIPMENT, INCLUDING CONCRETE MIXERS, SHALL BE PERFORMED IN A MANNER TO REDUCE THE AMOUNT OF POLLUTANTS TRIBUTARY TO STORM SEWERS AND OPEN WATERS TO THE MAXIMUM EXTENT PRACTICAL.
- ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUNOFF. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
- THE ENGINEER SHALL INSPECT EROSION CONTROL MEASURES WEEKLY AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 1/2 INCH PRECIPITATION. DAMAGED AND INEFFECTIVE EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED WITHIN 72 HOURS. EROSION CONTROL SYSTEMS REPLACED DUE TO SEDIMENT LOADING WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.
- ALL SEDIMENT AND EROSION CONTROL MEASURES WILL BE PAID FOR IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS, EXCEPT WHERE OTHERWISE NOTED IN THE CONTRACT SPECIAL PROVISIONS.
- THE COST OF REPAIRING OR REMOVING SEDIMENT FROM EROSION CONTROL SYSTEMS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.
- ALL EROSION CONTROL MEASURES SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL.

DISTRICT ONE DETAILS

STANDARD NO.	LIST OF DESCRIPTION
TC-10	TRAFFIC CONTROL AND PROTECTION PLAN SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-18	SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

STATE STANDARDS

STANDARD NO.	LIST OF DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-01	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-01	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-02	DEPRESSED CORNER FOR SIDEWALKS
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24' 600 mm) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-05	SIDEWALK, CORNER, OR CROSSWALK CLOSURE
701901-03	TRAFFIC CONTROL DEVICES

EARTHWORK

- REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL HAS BEEN ESTIMATED AS FOLLOWS:
 - EXCAVATION OF 1 FOOT IN DEPTH FROM EXISTING GRADE MEASURED FROM EDGE TO EDGE OF THE PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
 - EXCAVATION OF 0.5 FEET IN DEPTH FROM EXISTING GRADE MEASURED FROM OUTSIDE EDGES OF PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK TO LIMITS OF RESTORATION.
- FURNISHED EXCAVATION HAS BEEN ESTIMATED AS REQUIRED TO CONSTRUCT THE PROPOSED HART ROAD SIDEWALK AT THE ELEVATIONS REQUIRED TO CONNECT TO THE PEDESTRIAN TRUSS SUPERSTRUCTURE.
- TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH HAS BEEN ESTIMATE TO BE PLACED AT A MINIMUM DEPTH OF 4 INCHES TO A DEPTH REQUIRED TO BRING ALL EXCAVATED AREAS TO PROPOSED GRADE.

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PLOT DATE = 12/28/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	2
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	SIDEWALKS STP 100% FEDERAL 0021
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,343	1,343
20400800	FURNISHED EXCAVATION	CU YD	275	275
20900110	POROUS GRANULAR BACKFILL	CU YD	38	38
21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SO YD	4150	4,150
25000210	SEEDING, CLASS 2A	ACRE	0.85	0.85
25000312	SEEDING, CLASS 4A	ACRE	0.01	0.01
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	135	135
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	135	135
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	135	135
25100630	EROSION CONTROL BLANKET	SO YD	4150	4150
28000400	PERIMETER EROSION BARRIER	FOOT	4537	4537
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SO YD	1952	1952
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	17581	17581
42400800	DETECTABLE WARNINGS	SO FT	245	245
42001300	PROTECTIVE COAT	SO YD	1954	1954
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	46	46
44000600	SIDEWALK REMOVAL	SO FT	856	856
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SO YD	33	33
* 50200100	STRUCTURE EXCAVATION	CU YD	62	62
* 50300225	CONCRETE STRUCTURES	CU YD	14.2	14.2
* 50800105	REINFORCEMENT BARS	POUND	2,060	2,060
67100100	MOBILIZATION	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
* 72000100	SIGN PANEL - TYPE 1	SO FT	45	45
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SO FT	9	9
* 72900100	METAL POST - TYPE A	FOOT	60	60
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	674	674
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	582	582
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	13	13
78300100	PAVEMENT MARKING REMOVAL	SO FT	201	201
* X0322508	PEDESTRIAN TRUSS SUPERSTRUCTURE	SO FT	200	200
Z0004002	BOLLARDS	EACH	2	2
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	196	196
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	1	1
Z0022800	FENCE REMOVAL	FOOT	10	10

* SPECIALTY ITEM

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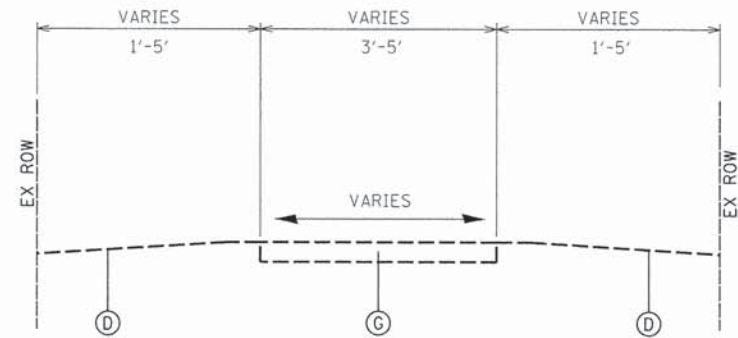
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

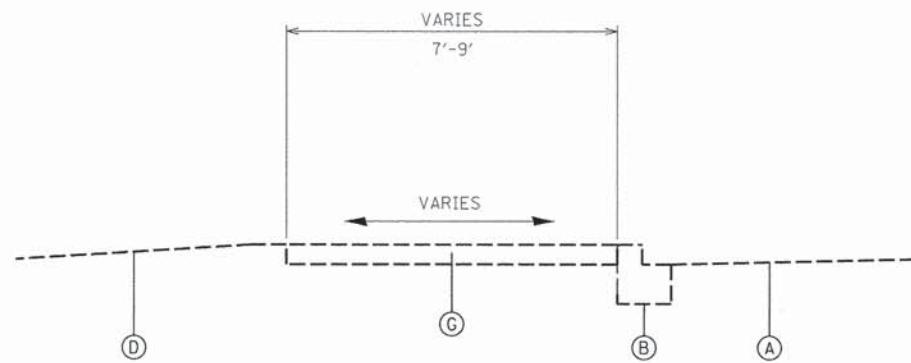
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	09-00074-00-SW	KANE	48	3
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61A11	



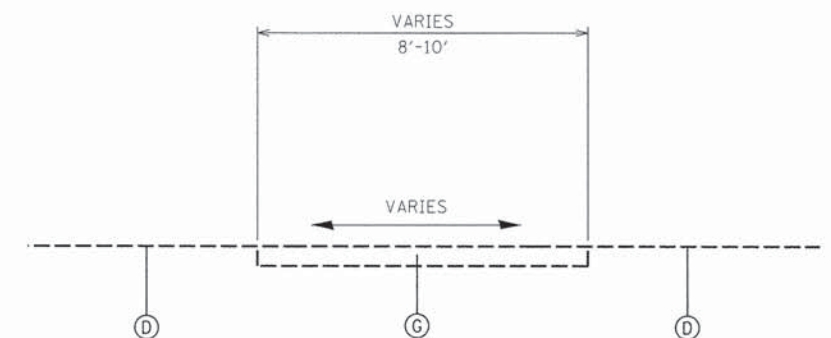
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GUSTAFSON SCHOOL SIDEWALK (SOUTH)**

STA 100+16 TO 104+22



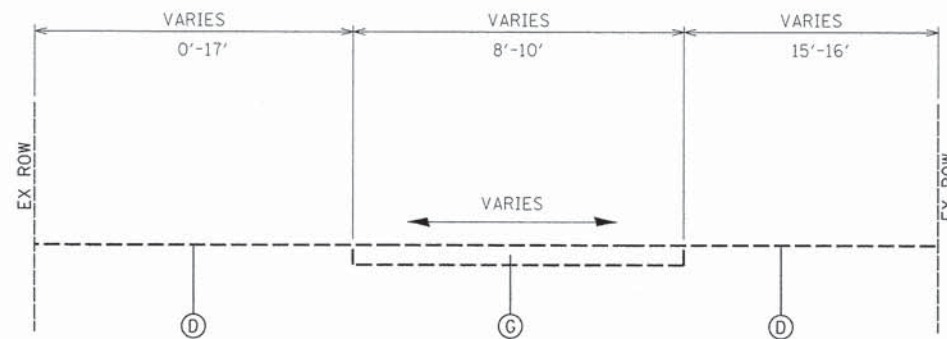
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GUSTAFSON SCHOOL SIDEWALK (NORTH)**

STA 203+05 TO 204+77



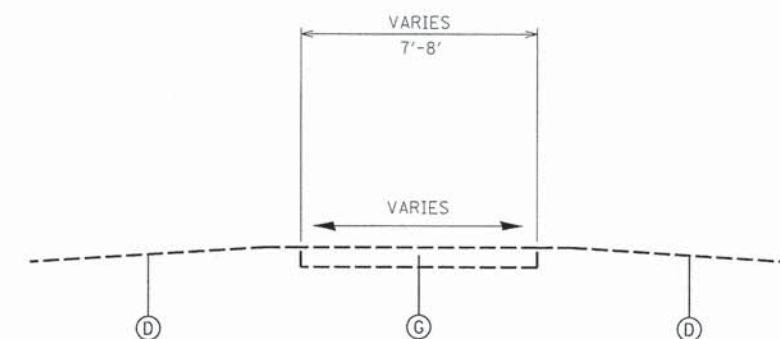
**EXISTING TYPICAL SECTION
GUSTAFSON SCHOOL SIDEWALK (NORTH)**

STA 204+77 TO 207+75



**EXISTING TYPICAL SECTION
GUSTAFSON SCHOOL SIDEWALK (NORTH)**

STA 207+75 TO 212+14



**EXISTING TYPICAL SECTION
HC STORM SCHOOL SIDEWALK**

STA 300+33 TO 307+66

EXISTING TYPICAL SECTION LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT
- (B) COMBINATION CONCRETE CURB AND GUTTER
- (C) PORTLAND CEMENT CONCRETE SIDEWALK
- (D) EX GROUND
- (E) PEDESTRIAN BRIDGE
- (F) GUARDRAIL
- (G) AGGREGATE (DEPTH VARIES)

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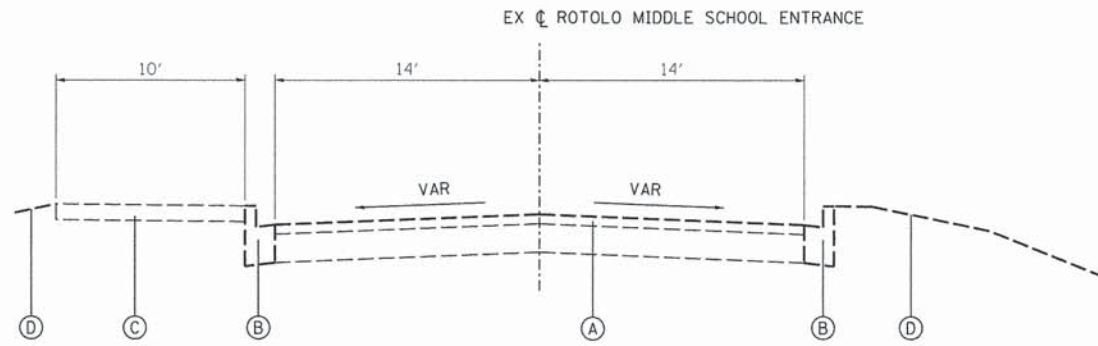
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

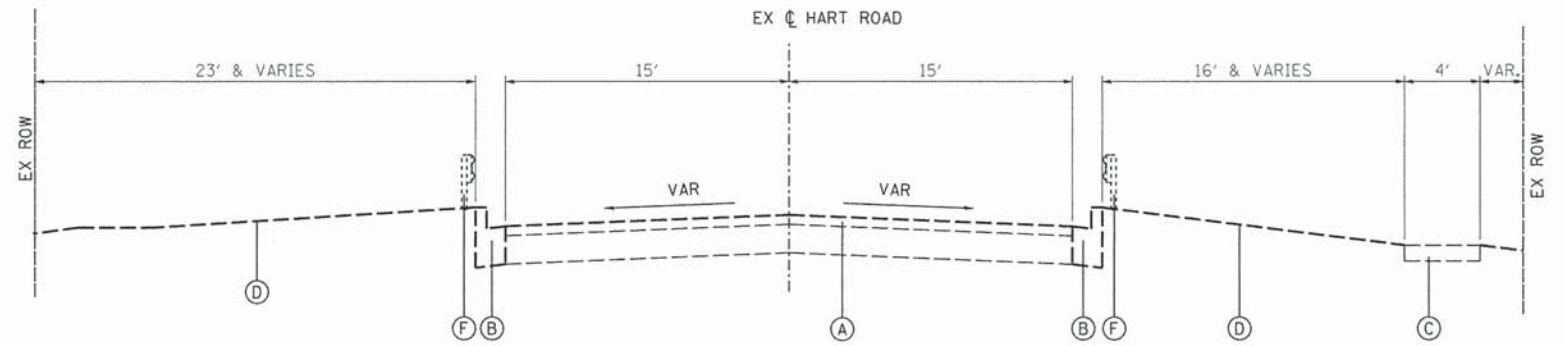
**EXISTING TYPICAL SECTIONS
GUSTAFSON SCHOOL AND HC STORM SCHOOL**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	4
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



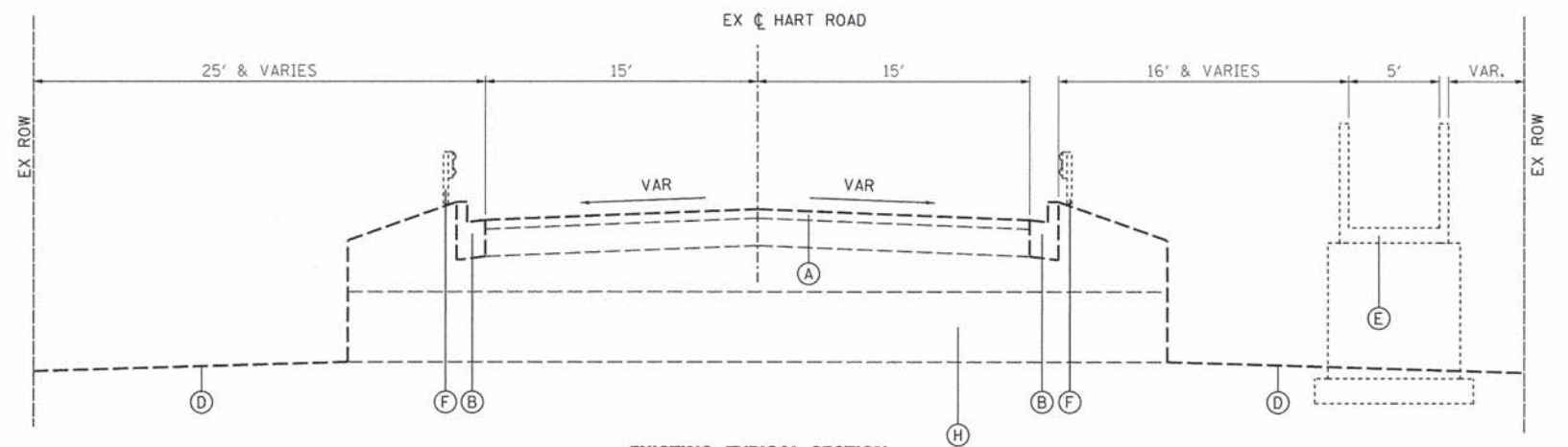
**EXISTING TYPICAL SECTION
ROTOLO MIDDLE SCHOOL SIDEWALK**
STA 0+00 TO 5+00



**EXISTING TYPICAL SECTION
HART ROAD SIDEWALK**
STA 50+00 TO 50+62
STA 50+97 TO 51+66

EXISTING TYPICAL SECTION LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT
- (B) COMBINATION CONCRETE CURB AND GUTTER
- (C) PORTLAND CEMENT CONCRETE SIDEWALK
- (D) EX GROUND
- (E) PEDESTRIAN BRIDGE
- (F) GUARDRAIL
- (G) AGGREGATE (DEPTH VARIES)
- (H) BOX CULVERT 10'x4'



**EXISTING TYPICAL SECTION
HART ROAD SIDEWALK**
STA 50+62 TO 50+97

PROJECT COUNTY: DEPT. OF TRANSPORTATION, STATE OF ILLINOIS, CONTRACT NO. 09-00074-00-SW, SHEET NO. 5



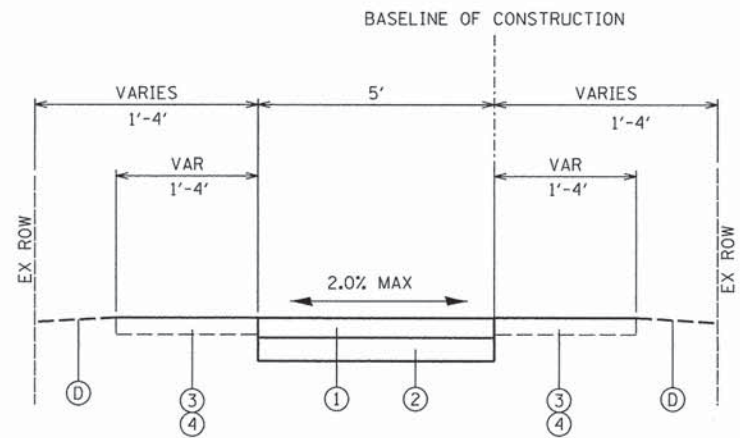
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PLOT DATE = 12/16/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS
HART ROAD AND ROTOLO MIDDLE SCHOOL**

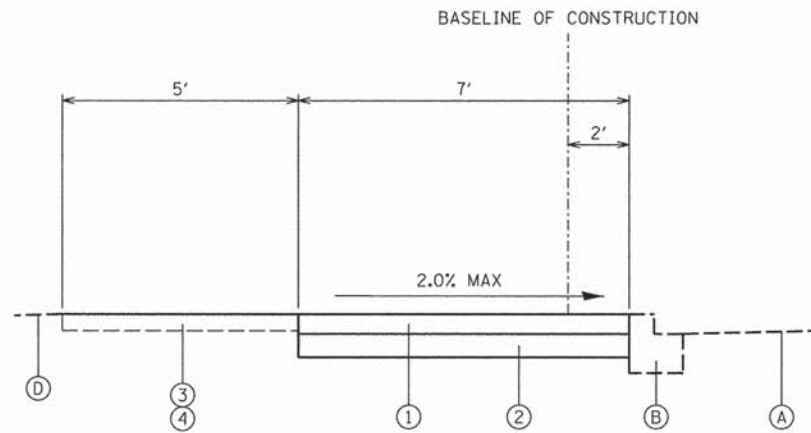
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F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	5
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



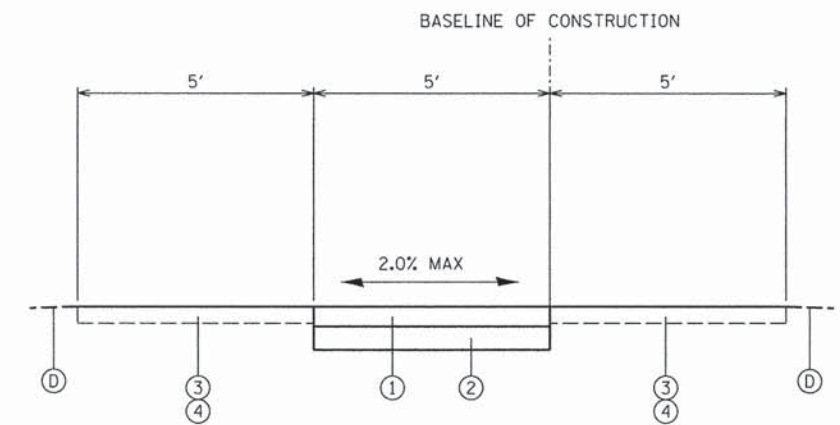
**PROPOSED TYPICAL SECTION
GUSTAFSON SCHOOL SIDEWALK (SOUTH)**

STA 100+16 TO 104+22



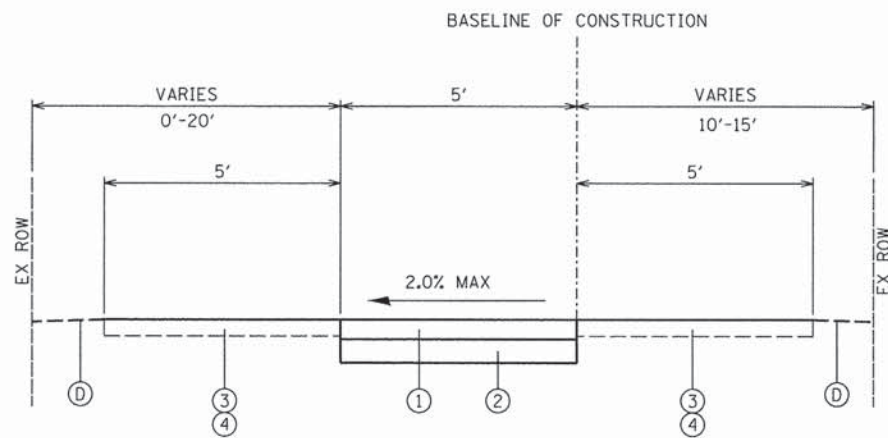
**PROPOSED TYPICAL SECTION
GUSTAFSON SCHOOL SIDEWALK (NORTH)**

STA 203+05 TO 204+77



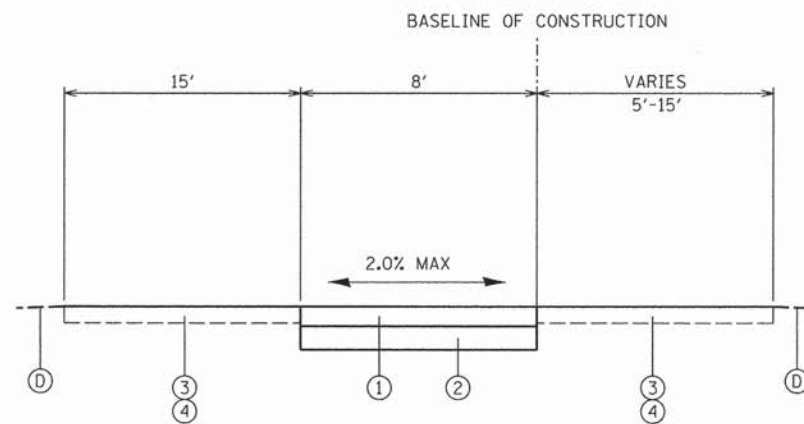
**PROPOSED TYPICAL SECTION
GUSTAFSON SCHOOL SIDEWALK (NORTH)**

STA 204+77 TO 207+78



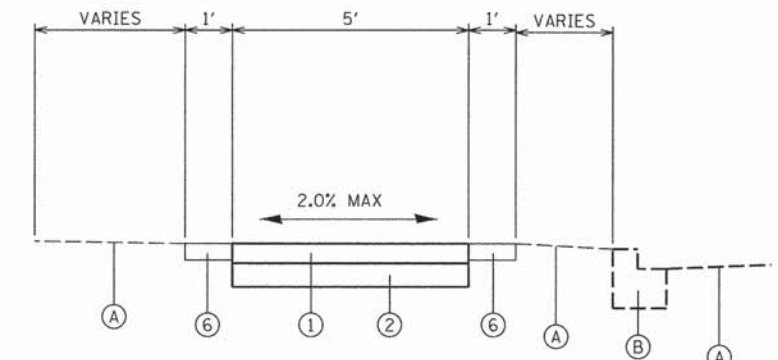
**PROPOSED TYPICAL SECTION
GUSTAFSON SCHOOL SIDEWALK (NORTH)**

STA 207+78 TO 212+14



**PROPOSED TYPICAL SECTION
HC STORM SCHOOL SIDEWALK**

STA 300+33 TO 307+66



PORTLAND CEMENT CONCRETE SIDEWALK AT DRIVEWAYS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	VOIDS @ Ndes
DRIVEWAYS	
HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" (IL 9.5mm)	4 % @ 50 GYR.

EXISTING TYPICAL SECTION LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT
- (B) COMBINATION CONCRETE CURB AND GUTTER
- (C) PORTLAND CEMENT CONCRETE SIDEWALK
- (D) EX GROUND
- (E) PEDESTRIAN BRIDGE
- (F) GUARDRAIL
- (G) AGGREGATE (DEPTH VARIES)

PROPOSED TYPICAL SECTION LEGEND

- (1) PR PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (2) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (3) SEEDING, CLASS 2A
- (4) TOPSOIL, FURNISH AND PLACE, 4"
- (5) PEDESTRIAN TRUSS SUPERSTRUCTURE
- (6) HOT MIX ASPHALT SURFACE COURSE MIX "D" N50, 2" (IL 9.5 MM)

- THE UNIT WEIGHT TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY THE DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT FO RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.
- NOTE: CONTRACTOR SHALL MILL BEFORE PATCHING

PROJECT CONTACT: JEFF PRIMA, P.E. HRGreen, INC. 12/16/2013 2:28:25 PM

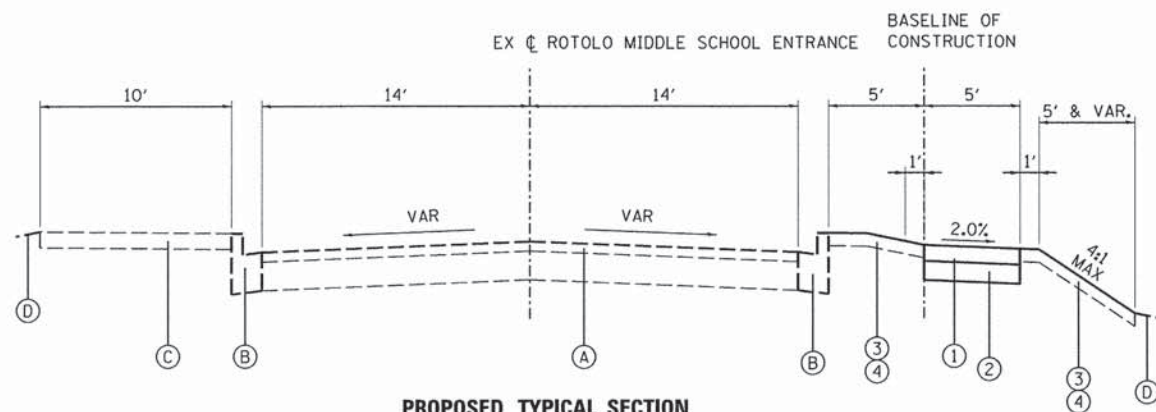


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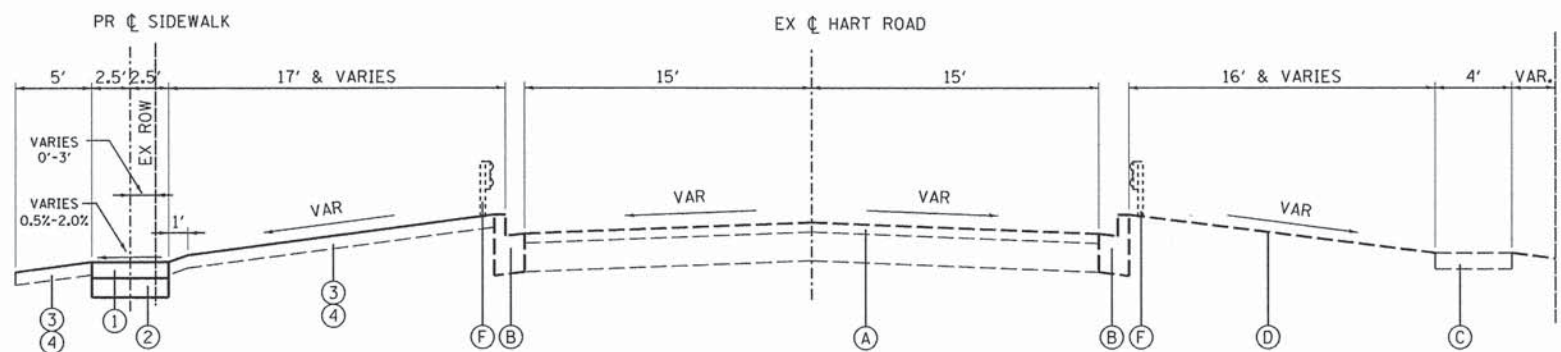
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
GUSTAFSON SCHOOL AND HC STORM SCHOOL**

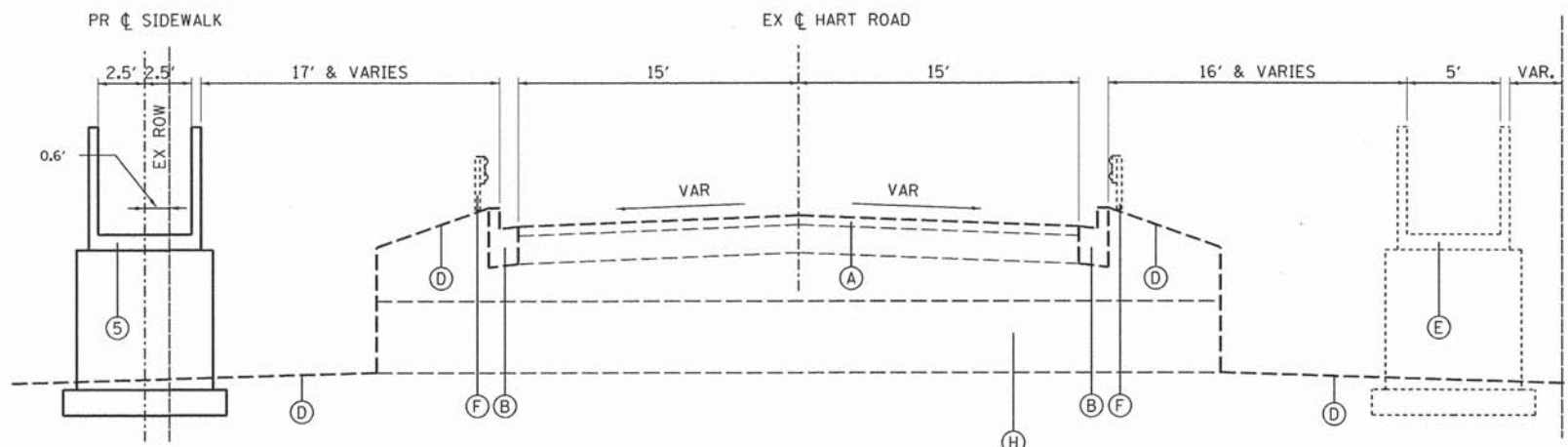
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				09-00074-00-SW	KANE	48	6
			CONTRACT NO. 61A11				
			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION
ROTOLO MIDDLE SCHOOL SIDEWALK
 STATION 0+00 TO 5+00



PROPOSED TYPICAL SECTION
HART ROAD SIDEWALK
 STATION 50+00 TO 50+52
 STATION 51+08.18 TO 51+66



PROPOSED TYPICAL SECTION
HART ROAD SIDEWALK
 STATION 50+52 TO 51+08.18

EXISTING TYPICAL SECTION LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT
- (B) COMBINATION CONCRETE CURB AND GUTTER
- (C) PORTLAND CEMENT CONCRETE SIDEWALK
- (D) EX GROUND
- (E) EX PEDESTRIAN BRIDGE
- (F) EX GUARDRAIL
- (G) AGGREGATE (DEPTH VARIES)
- (H) BOX CULVERT 10'x4'

PROPOSED TYPICAL SECTION LEGEND

- (1) PR PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (2) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (3) SEEDING, CLASS 2A
- (4) TOPSOIL, FURNISH AND PLACE, 4"
- (5) PEDESTRIAN TRUSS SUPERSTRUCTURE
- (6) HOT MIX ASPHALT SURFACE COURSE MIX "D" N50, 2" (IL 9.5 MM)

PROJECT: HART ROAD, 2013, P.0001, 11/15/13
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
 HART ROAD AND ROTOLO MIDDLE SCHOOL

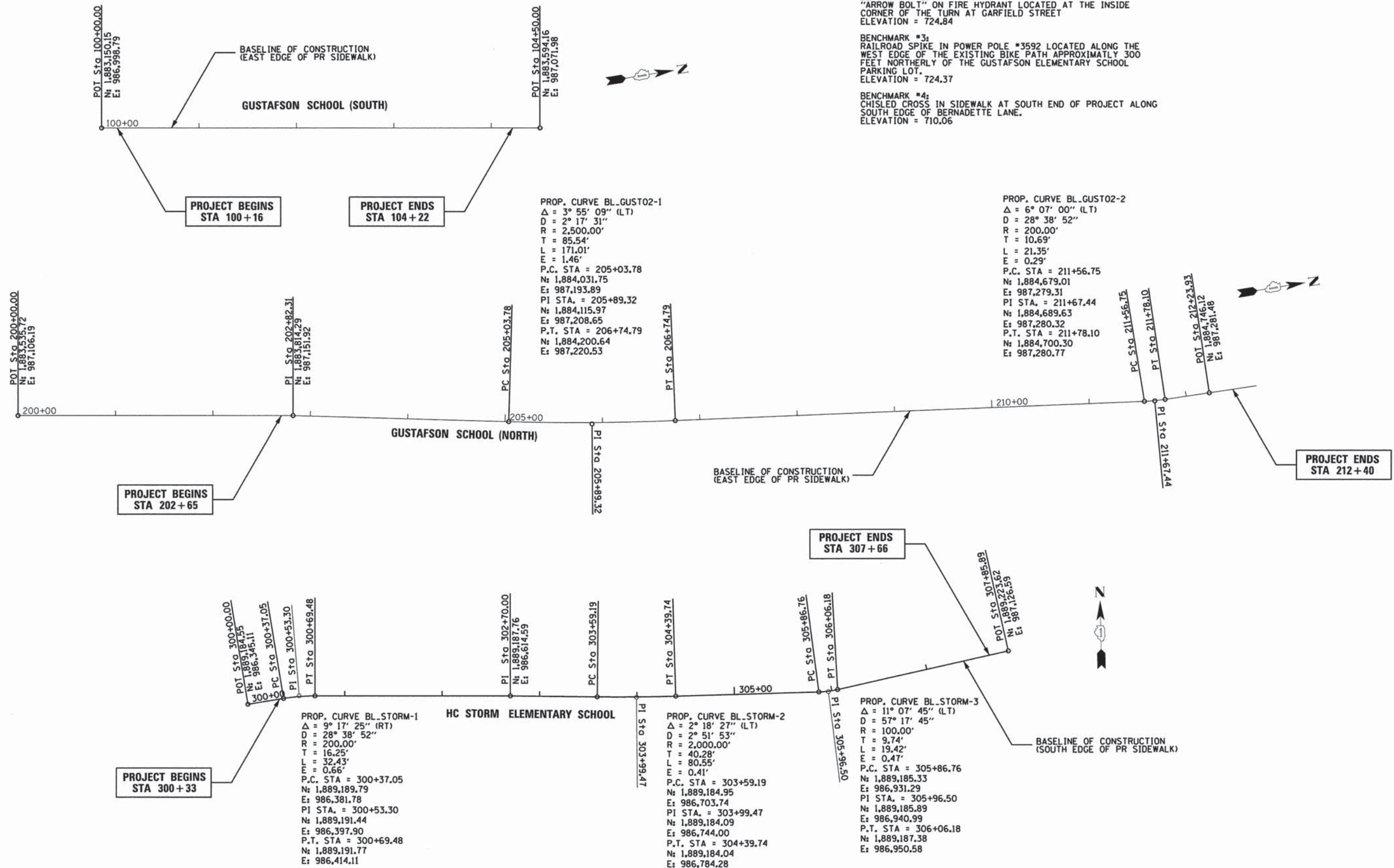
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CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

NOTE: COORDINATES, BEARINGS AND DISTANCES SHOWN ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM - EAST ZONE (NAD 83 - 2007)

BENCHMARKS (DATUM IS NAVD 88)

- BENCHMARK #1:
SOUTHWEST BOLT ON FIRE HYDRANT LOCATED ALONG THE SOUTHWEST CORNER OF HC STORM ELEMENTARY SCHOOL.
ELEVATION = 726.64
- BENCHMARK #2:
"ARROW BOLT" ON FIRE HYDRANT LOCATED AT THE INSIDE CORNER OF THE TURN AT GARFIELD STREET
ELEVATION = 724.84
- BENCHMARK #3:
RAILROAD SPIKE IN POWER POLE #3592 LOCATED ALONG THE WEST EDGE OF THE EXISTING BIKE PATH APPROXIMATELY 300 FEET NORTHERLY OF THE GUSTAFSON ELEMENTARY SCHOOL PARKING LOT.
ELEVATION = 724.37
- BENCHMARK #4:
CHISLED CROSS IN SIDEWALK AT SOUTH END OF PROJECT ALONG SOUTH EDGE OF BERNADETTE LANE.
ELEVATION = 710.06



PROJECT CONSULTANT: JEFF PRIMA, P.E. HRGreen, INC. 1000 W. MONROE ST. SUITE 200 ST. LOUIS, MO 63102

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 # 184-001322

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PLOT DATE = 12/16/2013	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENTS, TIES, AND BENCHMARKS
 GUSTAFSON SCHOOL AND HC STORM SCHOOL**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	8
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

NOTE: COORDINATES, BEARINGS AND DISTANCES SHOWN ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM - EAST ZONE (NAD 83 - 2007)

BENCHMARKS (DATUM IS NAVD 88)

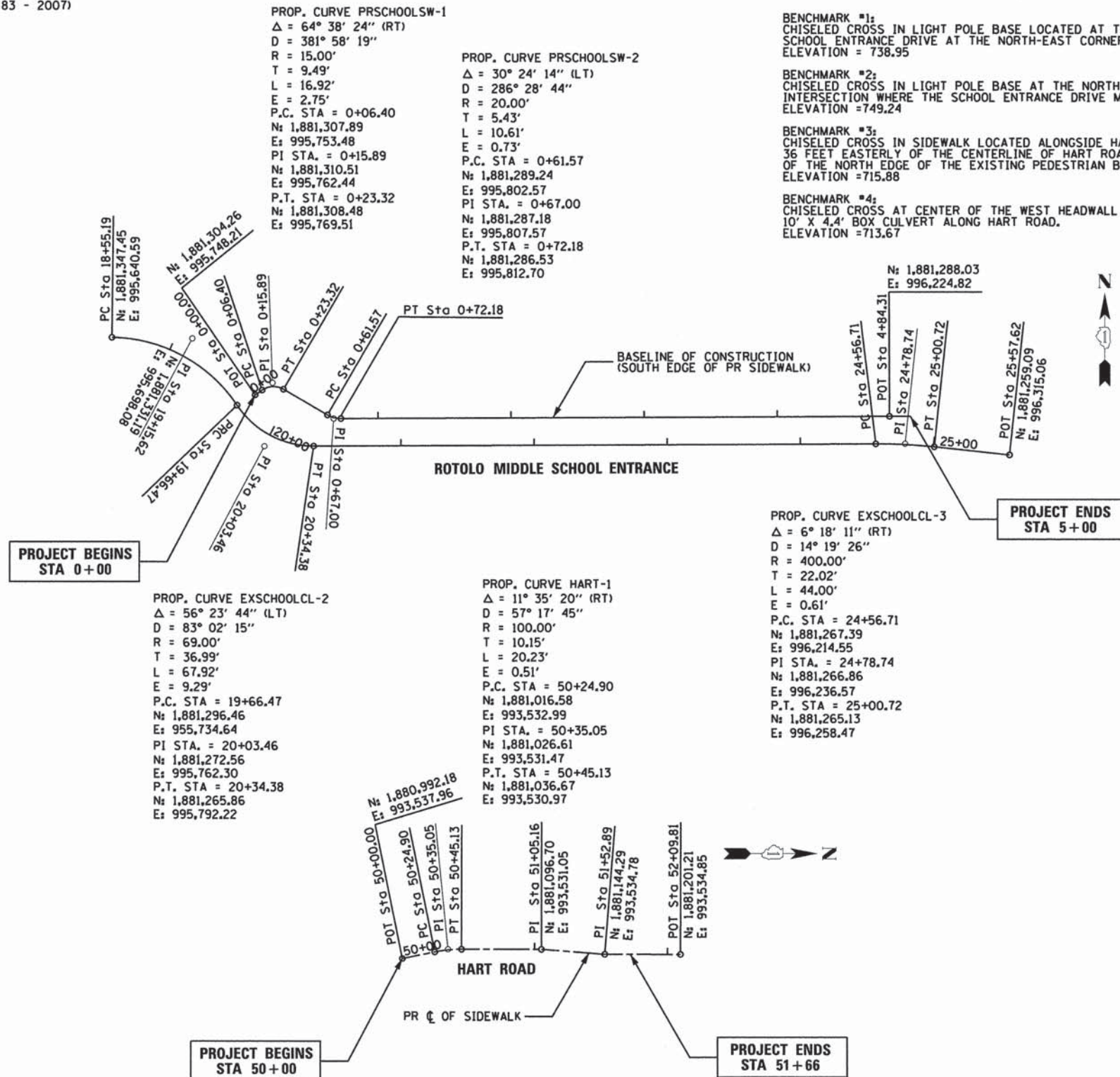


BENCHMARK #1:
CHISELED CROSS IN LIGHT POLE BASE LOCATED AT THE BEND OF THE SCHOOL ENTRANCE DRIVE AT THE NORTH-EAST CORNER OF THE SCHOOL.
ELEVATION = 738.95

BENCHMARK #2:
CHISELED CROSS IN LIGHT POLE BASE AT THE NORTHWEST CORNER OF THE INTERSECTION WHERE THE SCHOOL ENTRANCE DRIVE MEETS S RADDANT ROAD.
ELEVATION = 749.24

BENCHMARK #3:
CHISELED CROSS IN SIDEWALK LOCATED ALONGSIDE HART ROAD APPROXIMATELY 36 FEET EASTERLY OF THE CENTERLINE OF HART ROAD AND 80 FEET NORTHERLY OF THE NORTH EDGE OF THE EXISTING PEDESTRIAN BRIDGE DECK.
ELEVATION = 715.88

BENCHMARK #4:
CHISELED CROSS AT CENTER OF THE WEST HEADWALL OF THE 10' X 4.4' BOX CULVERT ALONG HART ROAD.
ELEVATION = 713.67



PROJECT COUNCIL: JEFF PERNA, P.E. HRGreen, INC. 1575 W. STATE ST., SUITE 100, CHICAGO, IL 60607

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 # 184-001322

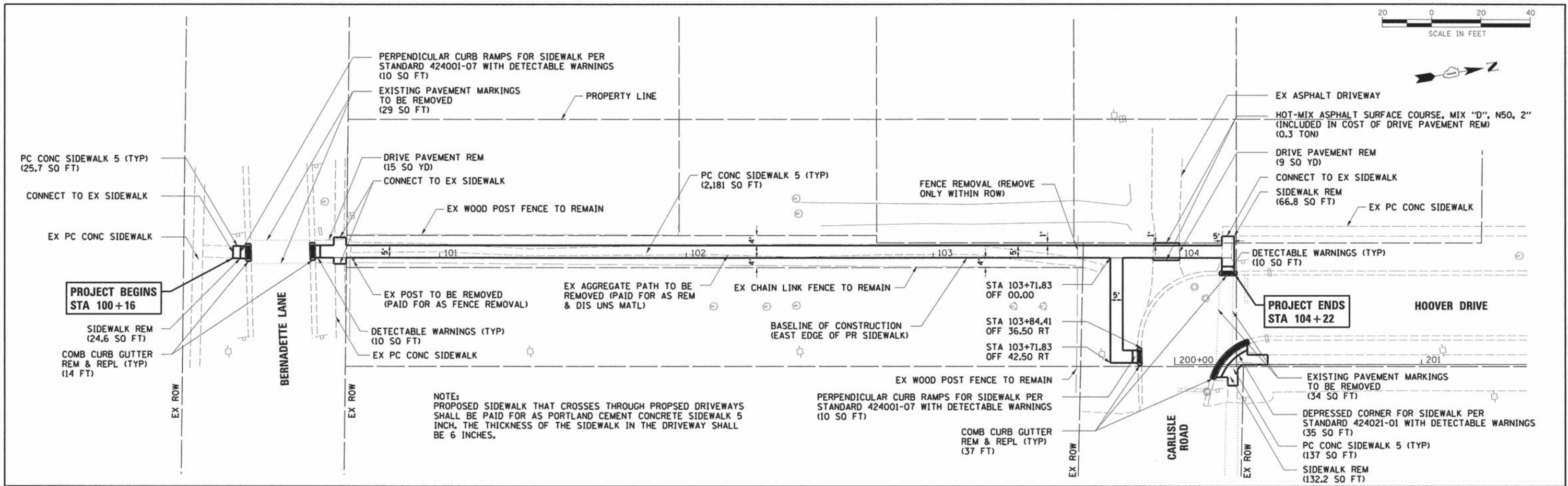
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

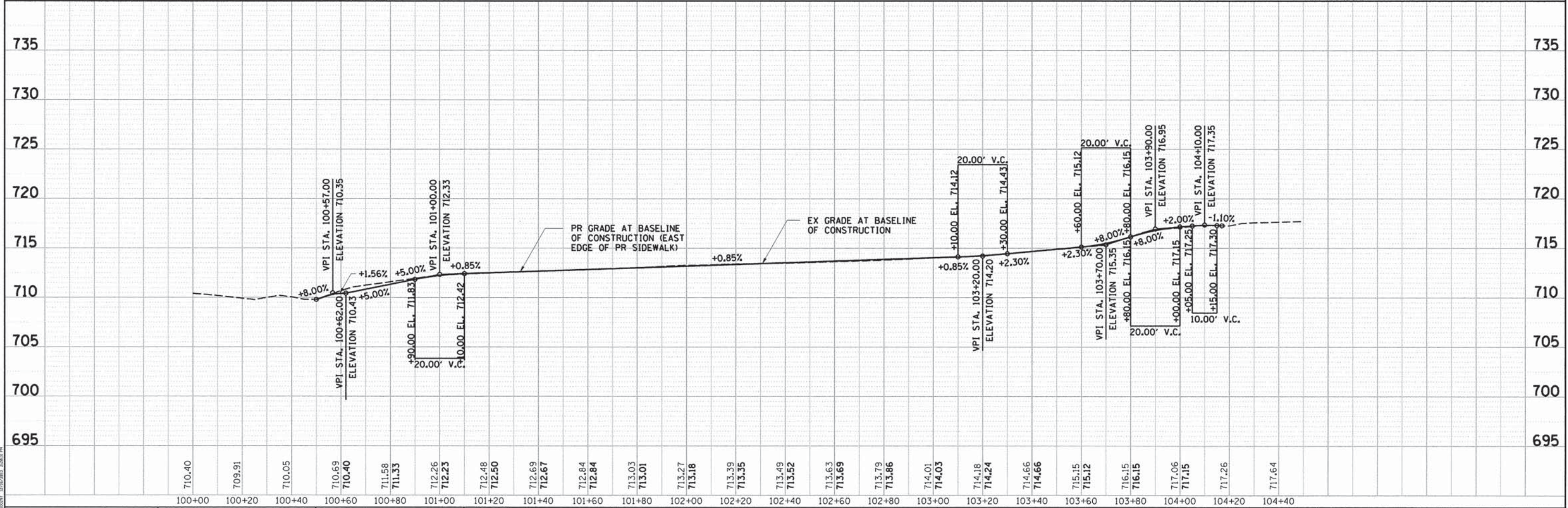
**ALIGNMENTS, TIES, AND BENCHMARKS
 HART ROAD AND ROTOLO MIDDLE SCHOOL**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	9
CONTRACT NO. 6IA11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



NOTE:
PROPOSED SIDEWALK THAT CROSSES THROUGH PROPOSED DRIVEWAYS SHALL BE PAID FOR AS PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH. THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY SHALL BE 6 INCHES.



710.40	709.91	710.05	710.69	710.40	711.58	711.33	712.26	712.23	712.48	712.50	712.69	712.67	712.84	712.84	713.03	713.01	713.27	713.18	713.39	713.35	713.49	713.52	713.63	713.69	713.79	713.86	714.01	714.03	714.18	714.24	714.66	714.66	715.15	715.12	716.15	716.15	717.06	717.15	717.26	717.64
100+00	100+20	100+40	100+60	100+80	101+00	101+20	101+40	101+60	101+80	102+00	102+20	102+40	102+60	102+80	103+00	103+20	103+40	103+60	103+80	104+00	104+20	104+40																		

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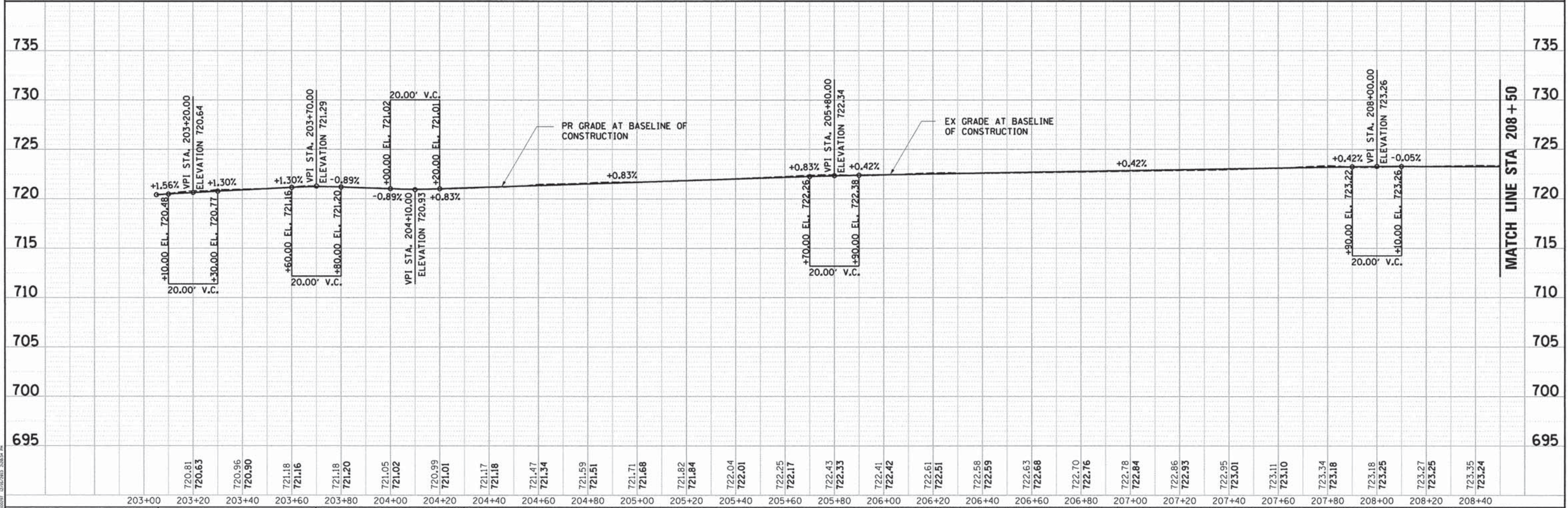
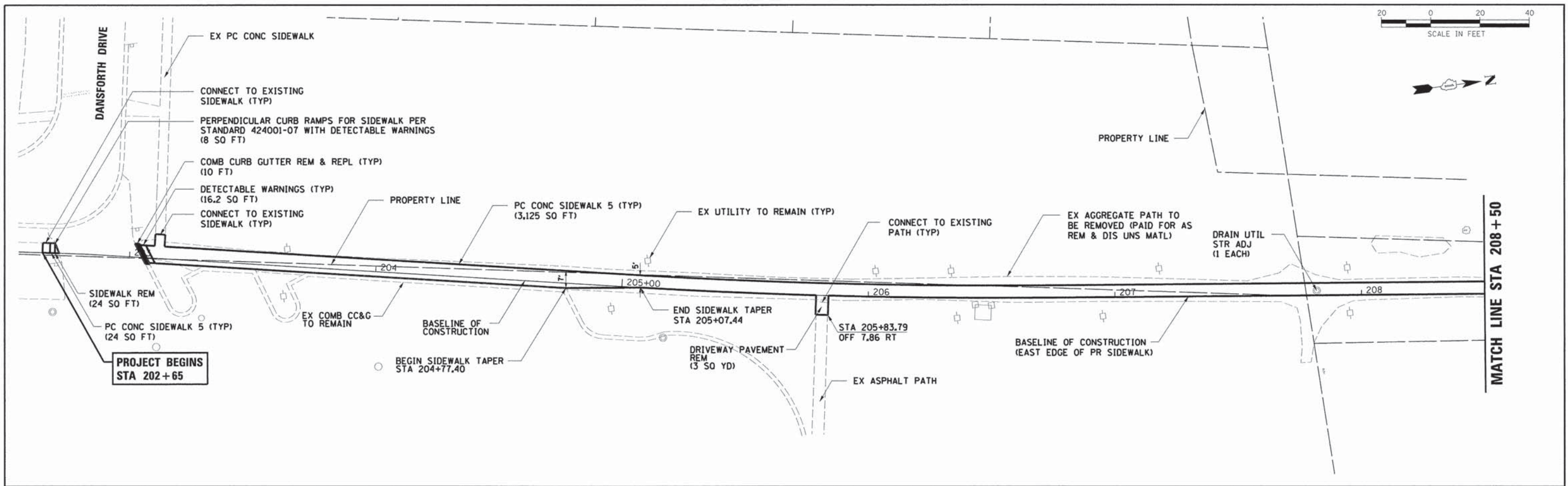
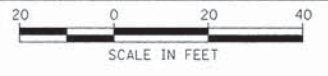
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK PLAN AND PROFILE
GUSTAFSON SCHOOL (SOUTH)

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	10
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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203+00	203+20	203+40	203+60	203+80	204+00	204+20	204+40	204+60	204+80	205+00	205+20	205+40	205+60	205+80	206+00	206+20	206+40	206+60	206+80	207+00	207+20	207+40	207+60	207+80	208+00	208+20	208+40																										

PROJECT CONTACT: JEFF SPINA, P.E.
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 # 184-001322

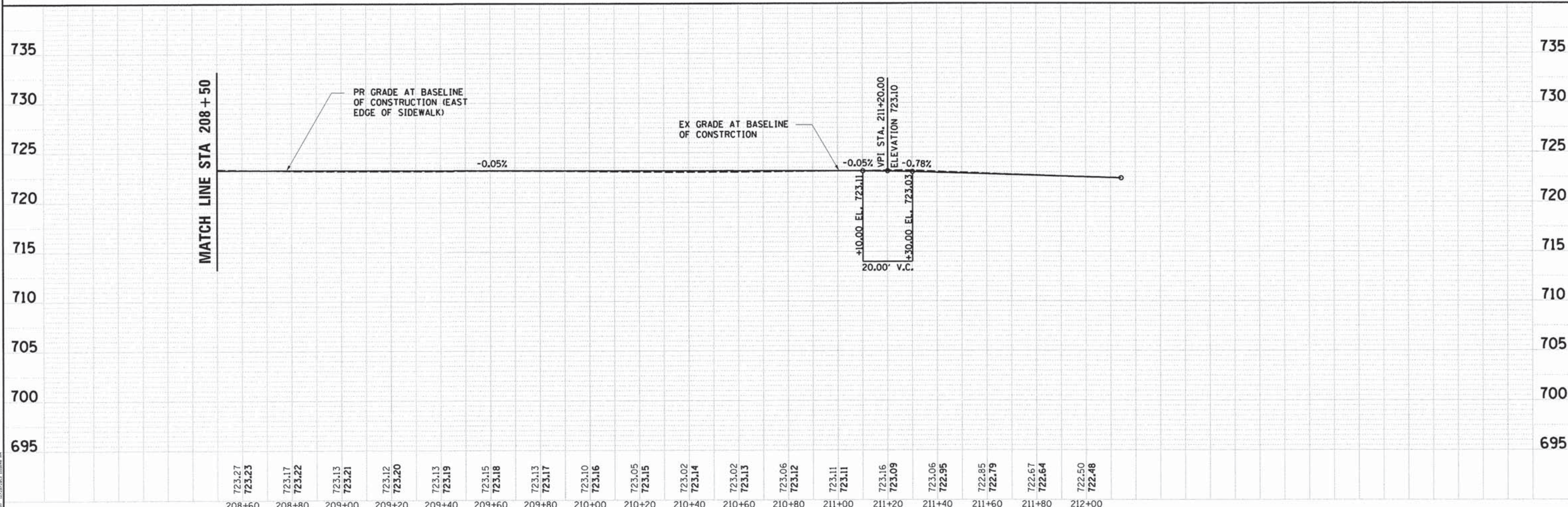
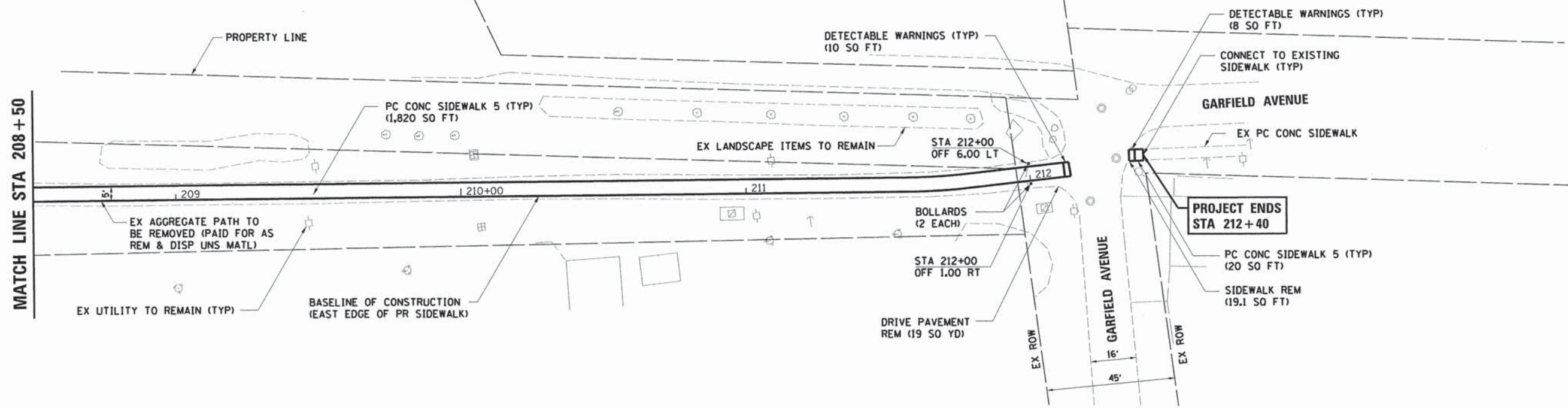
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK PLAN AND PROFILE
 GUSTAFSON SCHOOL (NORTH)

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

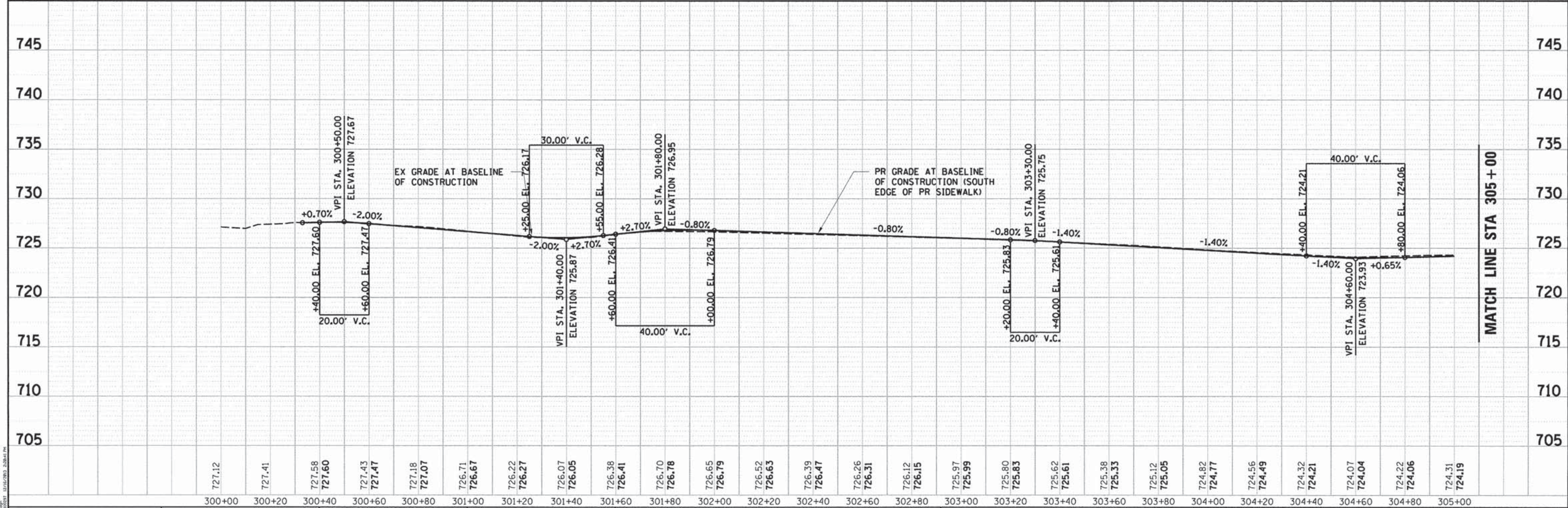
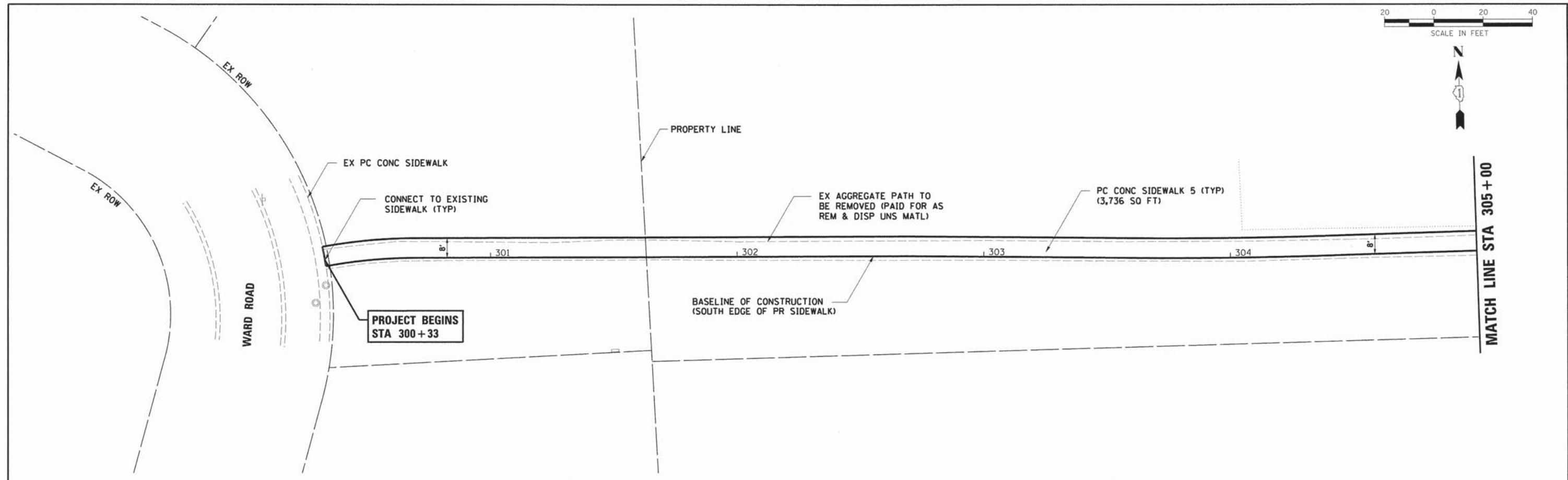
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208+60	208+80	209+00	209+20	209+40	209+60	209+80	210+00	210+20	210+40	210+60	210+80	211+00	211+20	211+40	211+60	211+80	212+00

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 # 184-001322
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727.12	727.41	727.58 727.60	727.43 727.47	727.18 727.07	726.71 726.67	726.22 726.27	726.07 726.05	726.38 726.41	726.70 726.78	726.65 726.79	726.52 726.63	726.39 726.47	726.26 726.31	726.12 726.15	725.97 725.99	725.80 725.83	725.62 725.61	725.58 725.33	725.12 725.05	724.82 724.77	724.56 724.49	724.32 724.21	724.07 724.04	724.22 724.06	724.31 724.19
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 # 184-001322

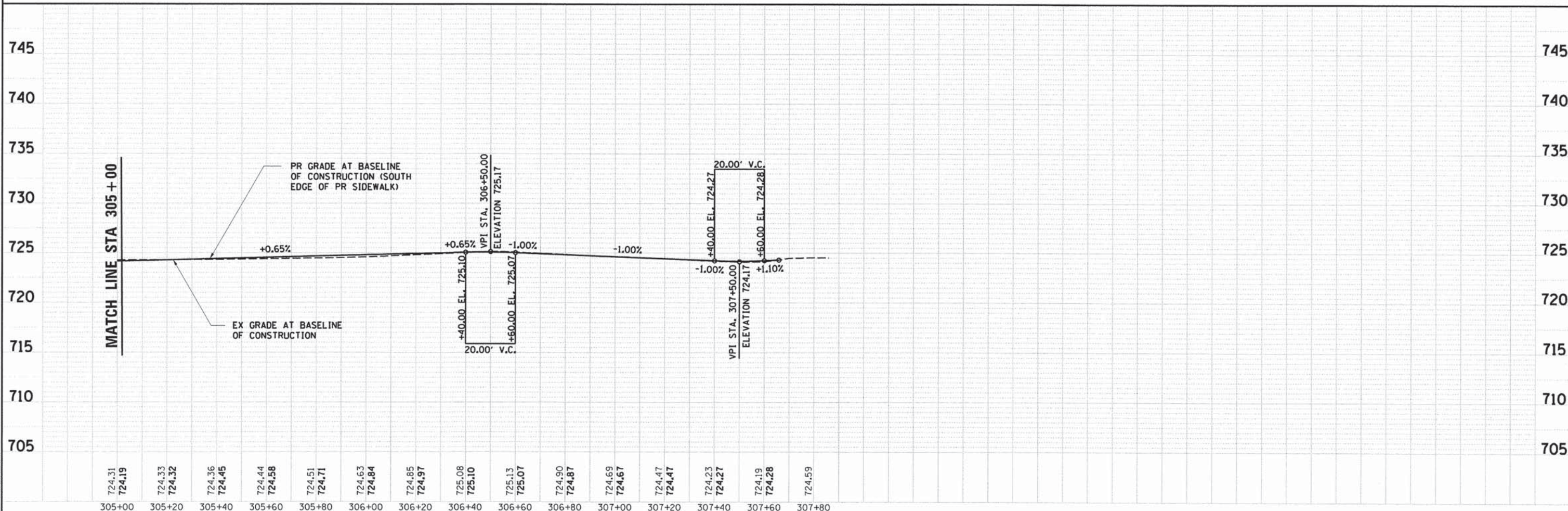
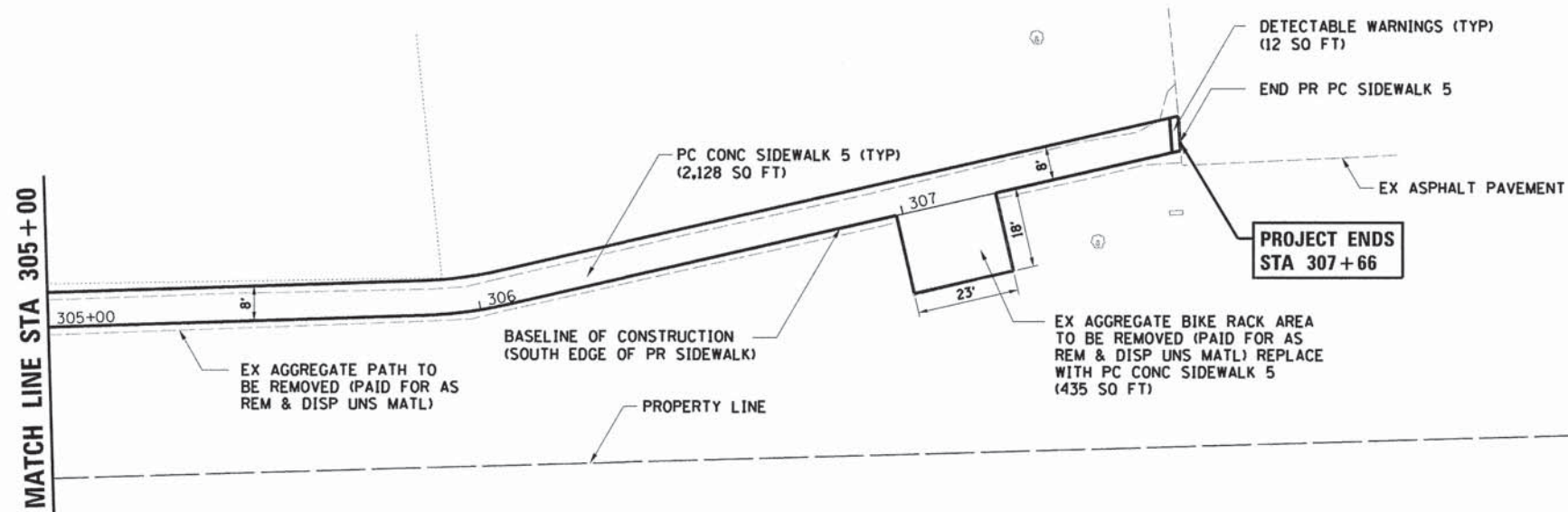
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK PLAN AND PROFILE
HC STORM SCHOOL

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	13
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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305+00	305+20	305+40	305+60	305+80	306+00	306+20	306+40	306+60	306+80	307+00	307+20	307+40	307+60	307+80

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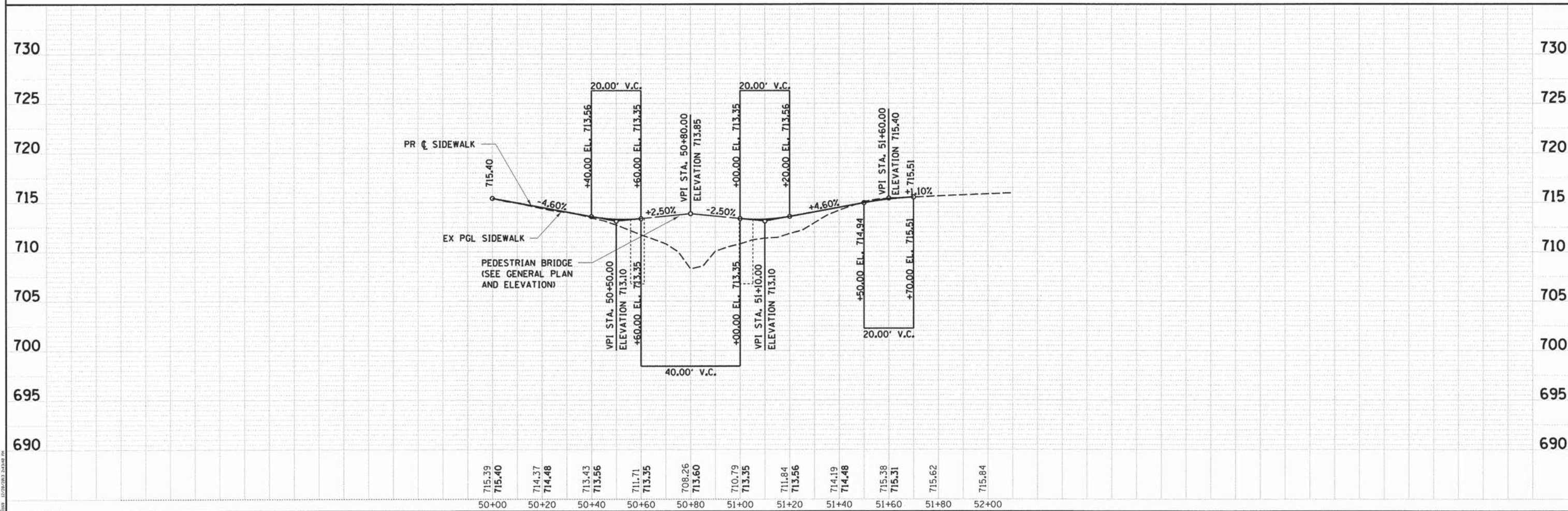
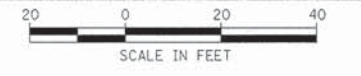
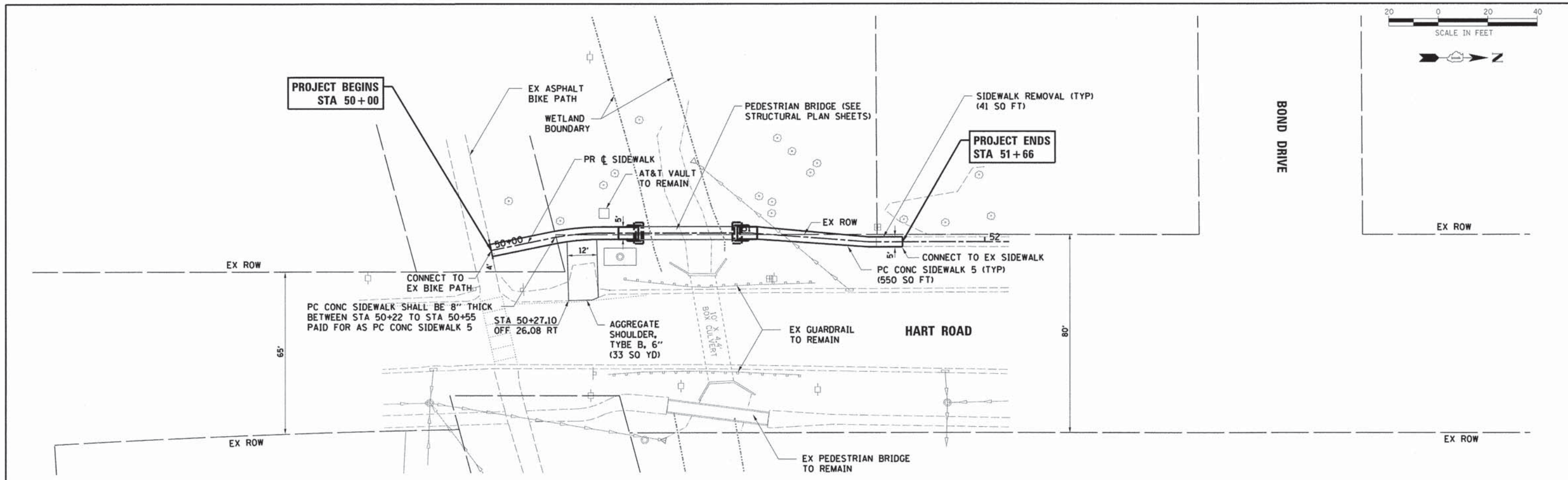
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK PLAN AND PROFILE
HC STORM ELEMENTARY SCHOOL

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	14
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PROJECT CONTRACT: 2017_P09A.PAK
 DATE: 12/28/2013 10:52:10 AM
 BY: 10/15/2013 10:52:10 AM

HRGreen
 HRGreen.com
 Illinois Professional Design Firm
 # 184-001322

USER NAME = gfour1
 FILE NAME = 169.pnp-02.dgn
 PLOT SCALE =
 PLOT DATE = 12/28/2013

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

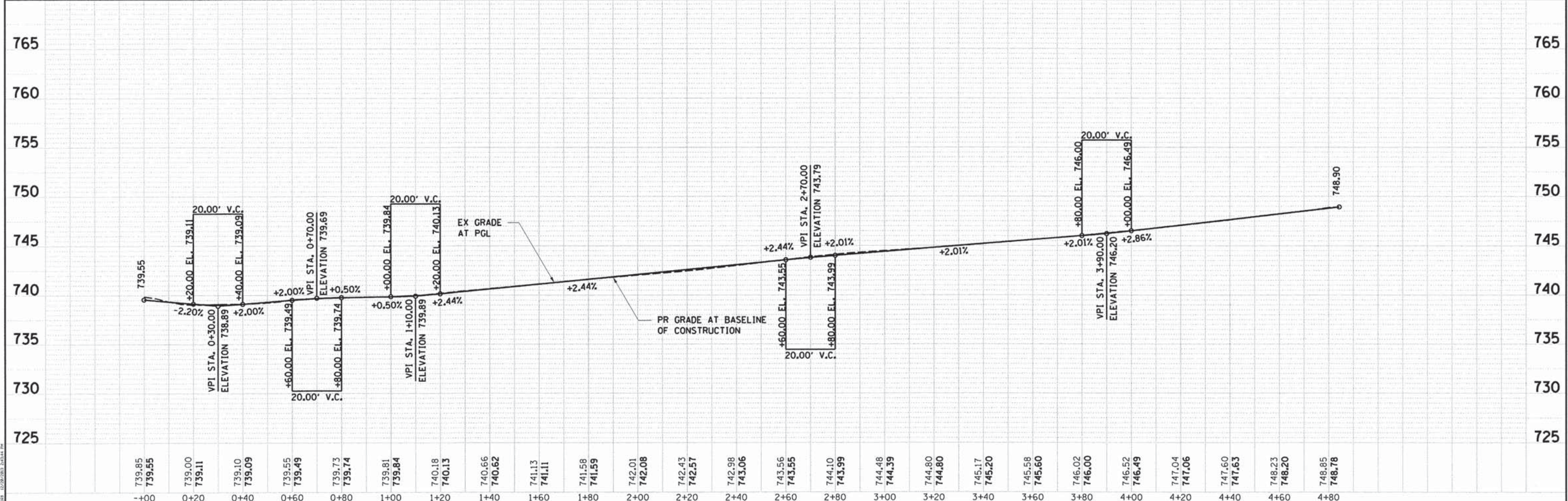
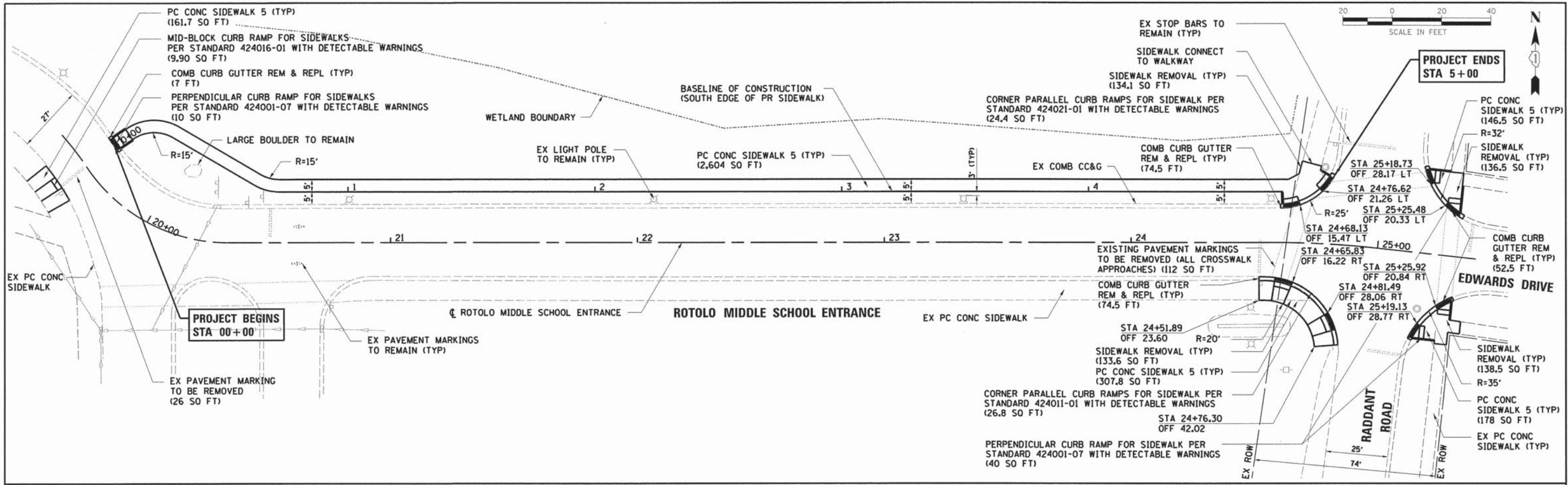
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 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK PLAN AND PROFILE
 HART ROAD**


SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

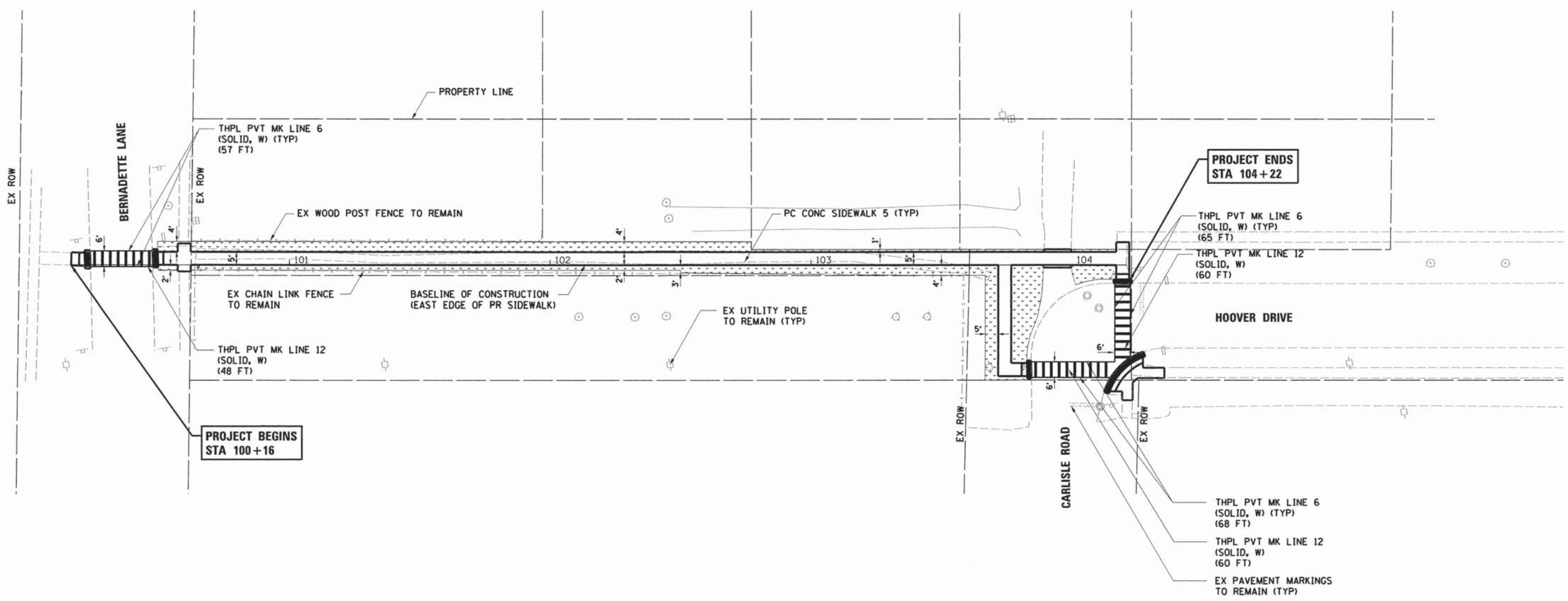


HRGreen.com Illinois Professional Design Firm #184-001322	USER NAME = gfourtr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK PLAN AND PROFILE ROTOLO MIDDLE SCHOOL			F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 12/20/2013	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				



LEGEND
 SEEDING CLASS 2A
 (0.06 ACRES)

NOTE:
 EROSION CONTROL BLANKET SHALL BE PROVIDED
 FOR ALL PERMANENTLY SEEDED AREAS.



PROJECT CONTRACT: JEFF FISHER, P.E.
 HR GREEN, P.C. 10/1/2013 10:25:00 AM 02/16/2013 2:28:48 PM

HRGreen
 HRGreen.com
 Illinois Professional Design Firm
 # 164-001322

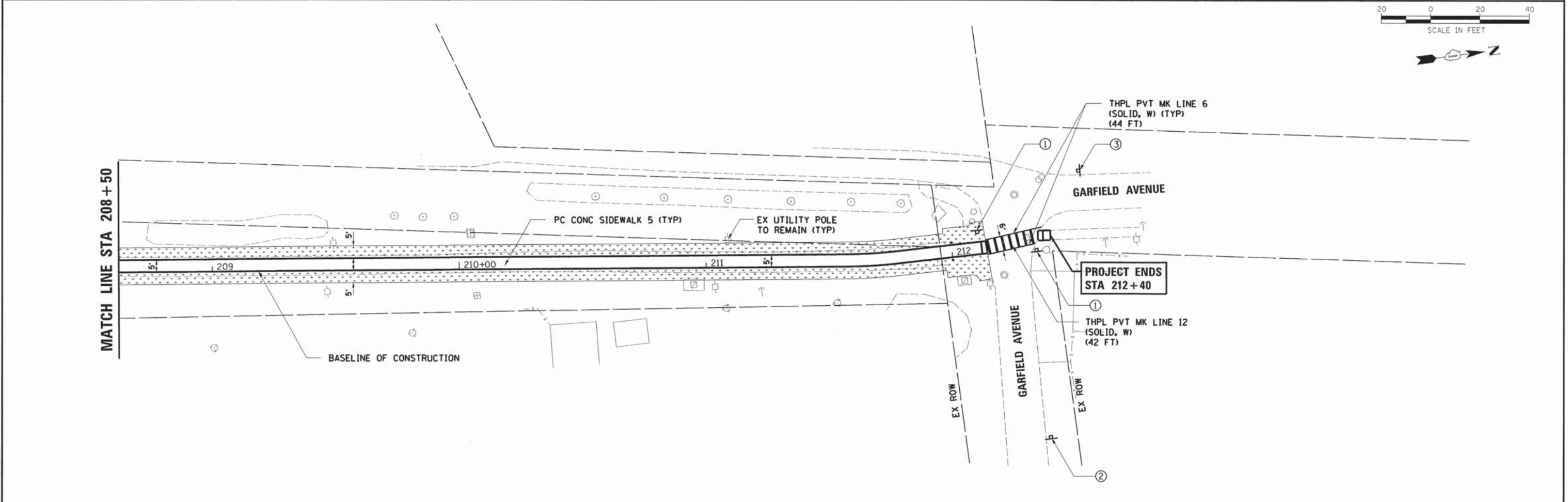
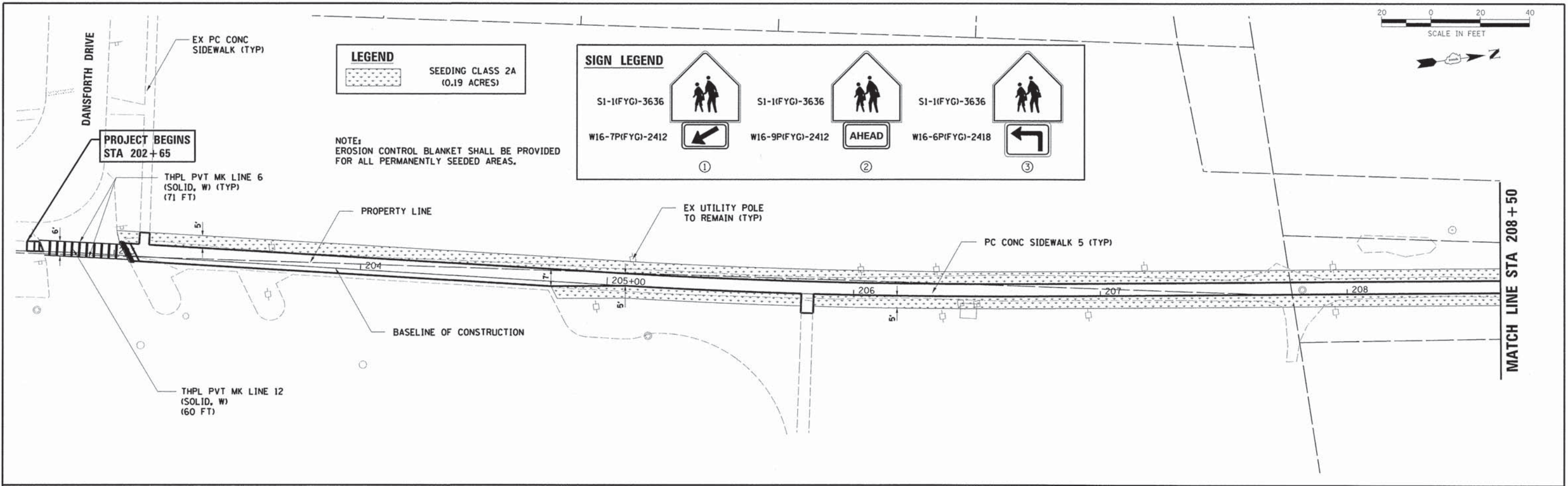
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PLOT DATE = 12/16/2013	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING, SIGNING, AND RESTORATION PLAN
 GUSTAFSON SCHOOL (SOUTH)**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	17
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PROJECT CONTRACT: 8877 P1516A.PLS
 DATE: 12/28/2013 10:48:45 AM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

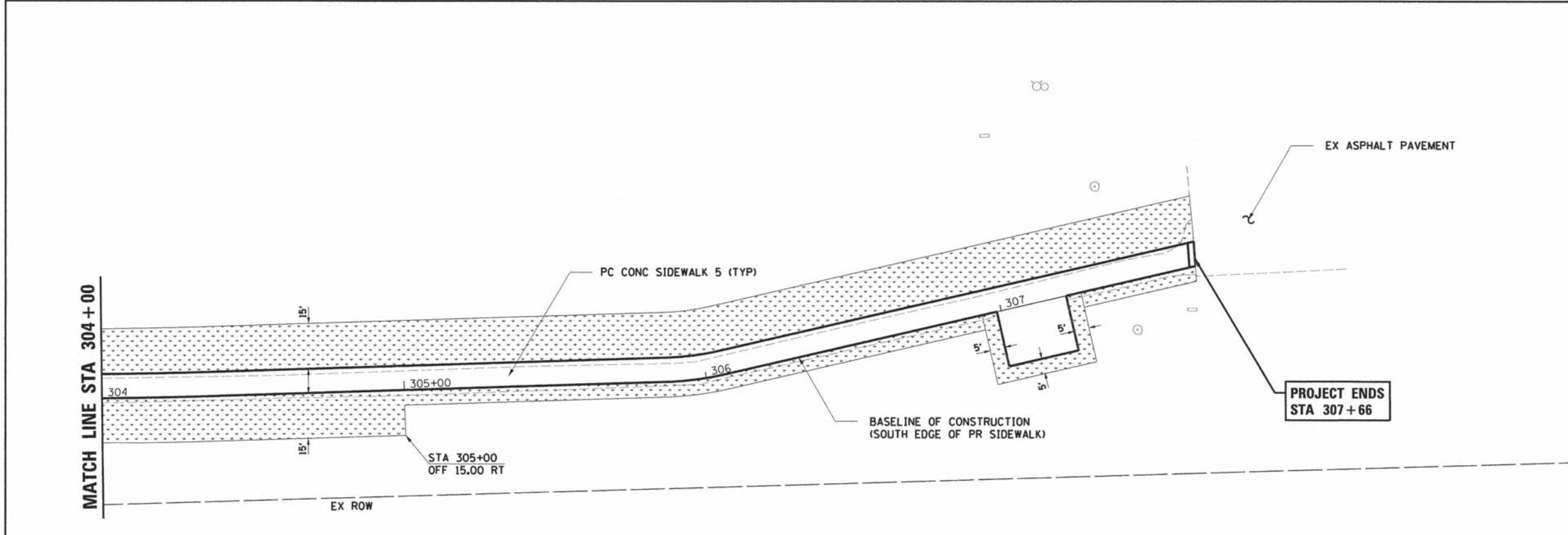
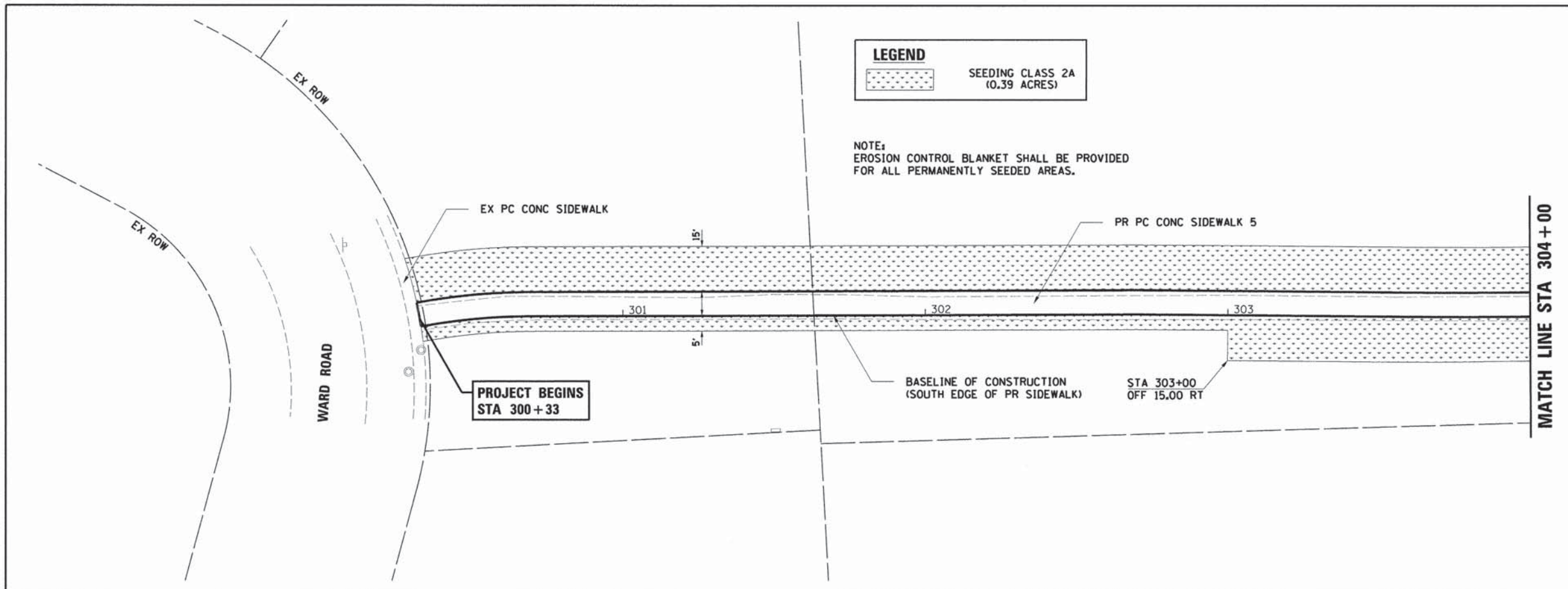
PAVEMENT MARKING, SIGNING, AND RESTORATION PLAN GUSTAFSON SCHOOL (NORTH)			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	18
CONTRACT NO. 61A11 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND
 SEEDING CLASS 2A
 (0.39 ACRES)

NOTE:
 EROSION CONTROL BLANKET SHALL BE PROVIDED
 FOR ALL PERMANENTLY SEEDED AREAS.



PROJECT CONTACT: JEFF FISHER, P.E.
 11/15/2013 10:10:00 AM 12/16/2013 2:28:05 PM



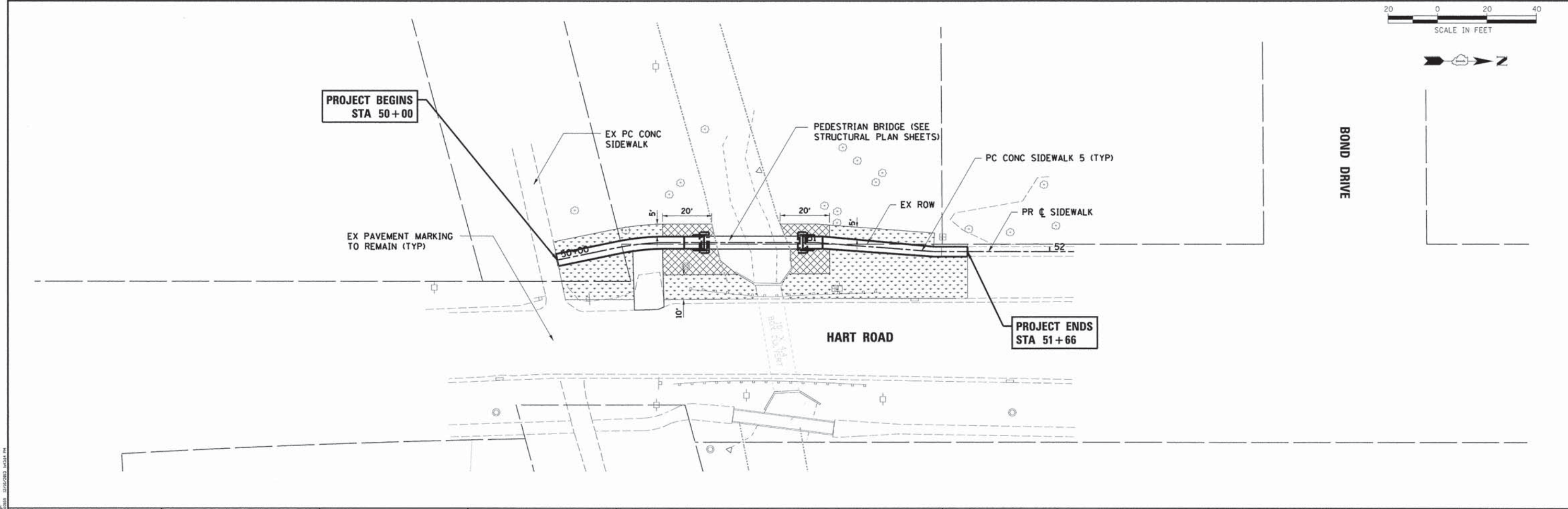
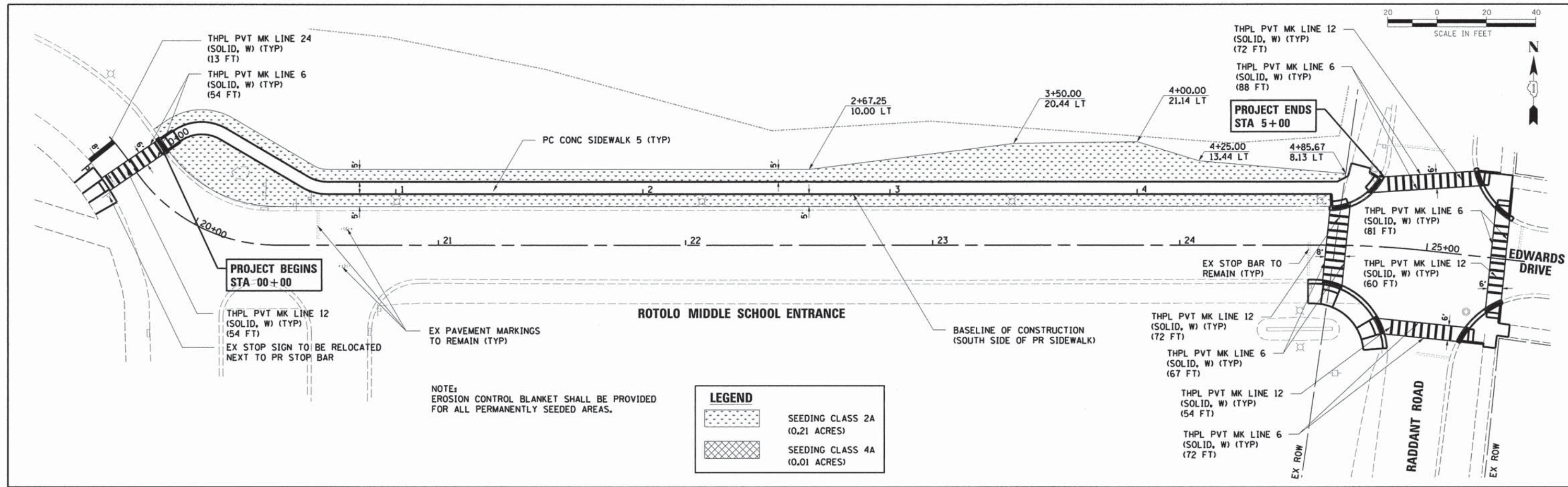
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PLOT DATE = 12/16/2013	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING, SIGNING, AND RESTORATION PLAN
 HC STORM SCHOOL**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



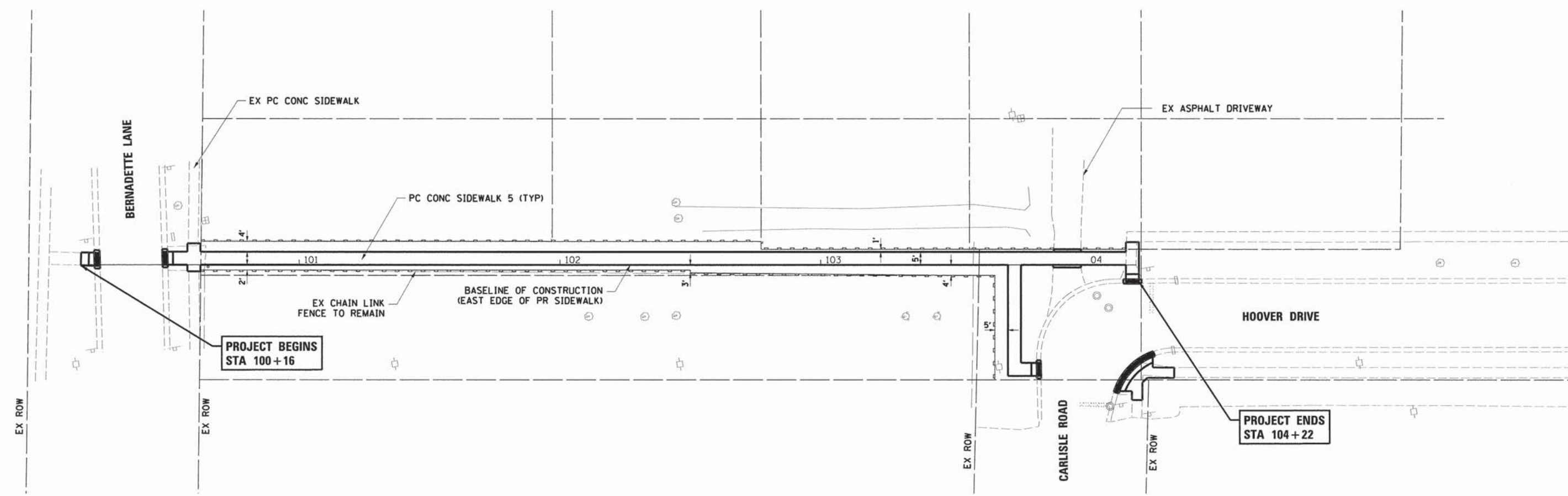
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F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	20
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

PROJECT CONSULTANT: JEFF FORDA, P.E.
 100 EAST MAIN, SUITE 100
 DECATUR, IL 62521
 312/252-5283



LEGEND
 PERIMETER EROSION BARRIER (FT)
 (693 FT)



PROJECT CONTACT: JEFF FISHER, P.E.
 HR GREEN, INC., 12715 S. WOODSTOCK, IL 60183-2803, 2010/05/18 PM

HRGreen
 HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = gfourti	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

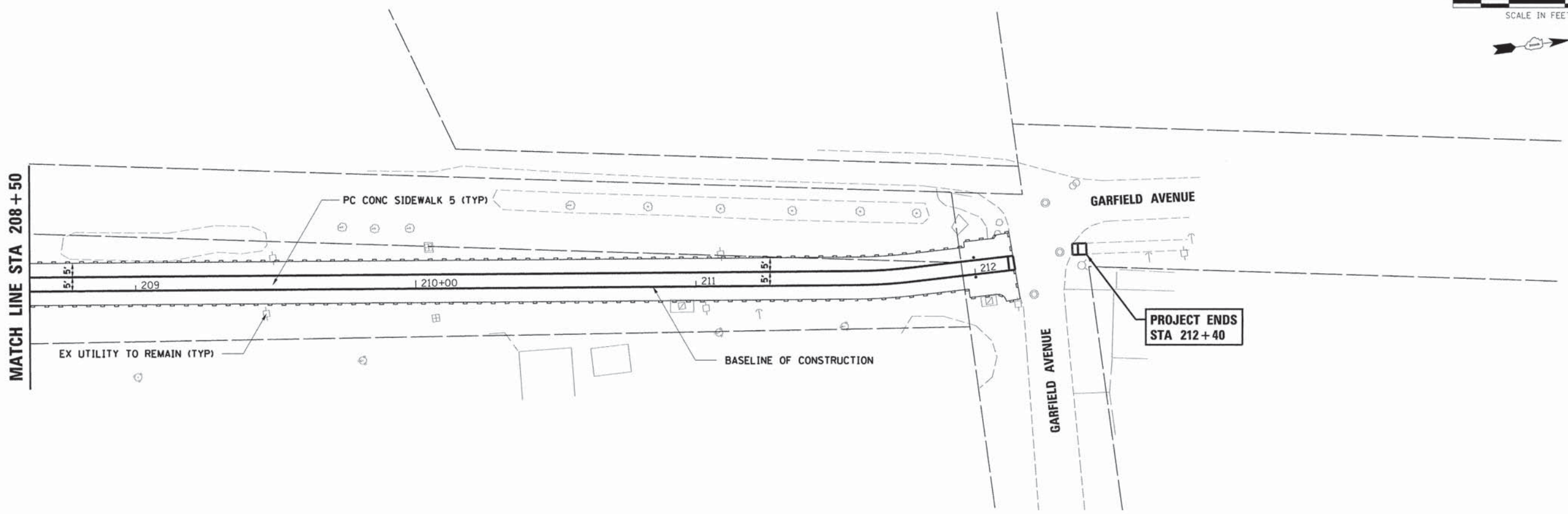
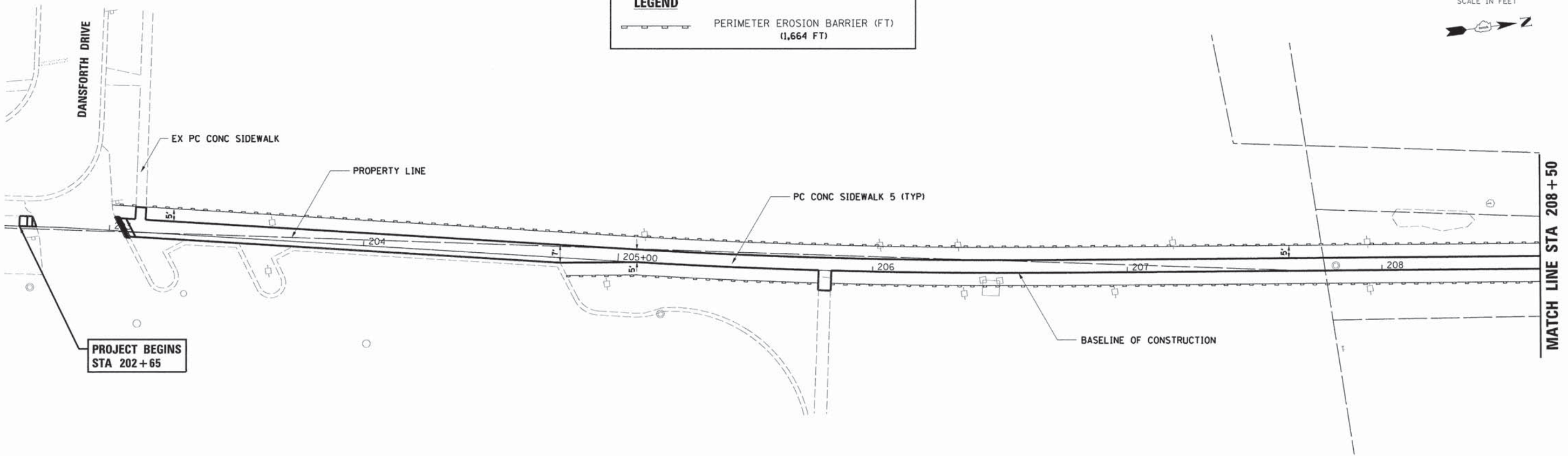
**EROSION CONTROL PLAN
 GUSTAFSON SCHOOL (SOUTH)**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	21
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND
 PERIMETER EROSION BARRIER (FT)
 (1,664 FT)



PROJECT CONSULTANT: REVISED PAPER, P.L.C. IN CHARGE: P.L.C. NO. 1000000001 12/16/2013 2:58:02 PM

HRGreen
 HRGreen.com
 Illinois Professional Design Firm
 # 184-001322

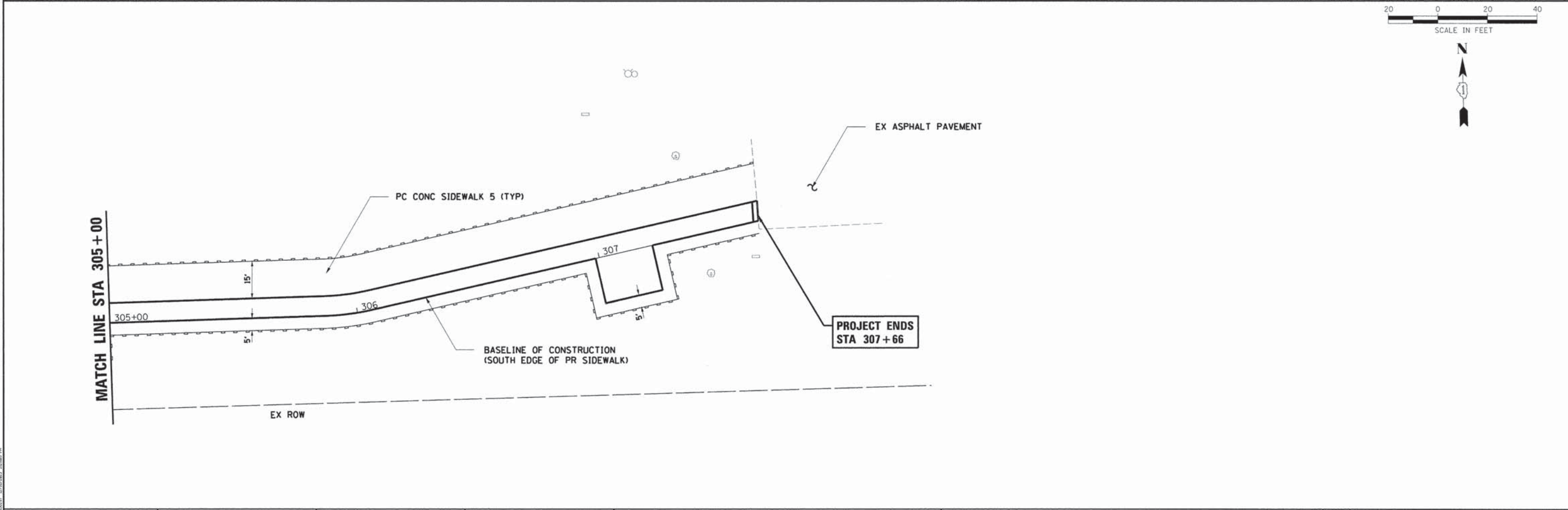
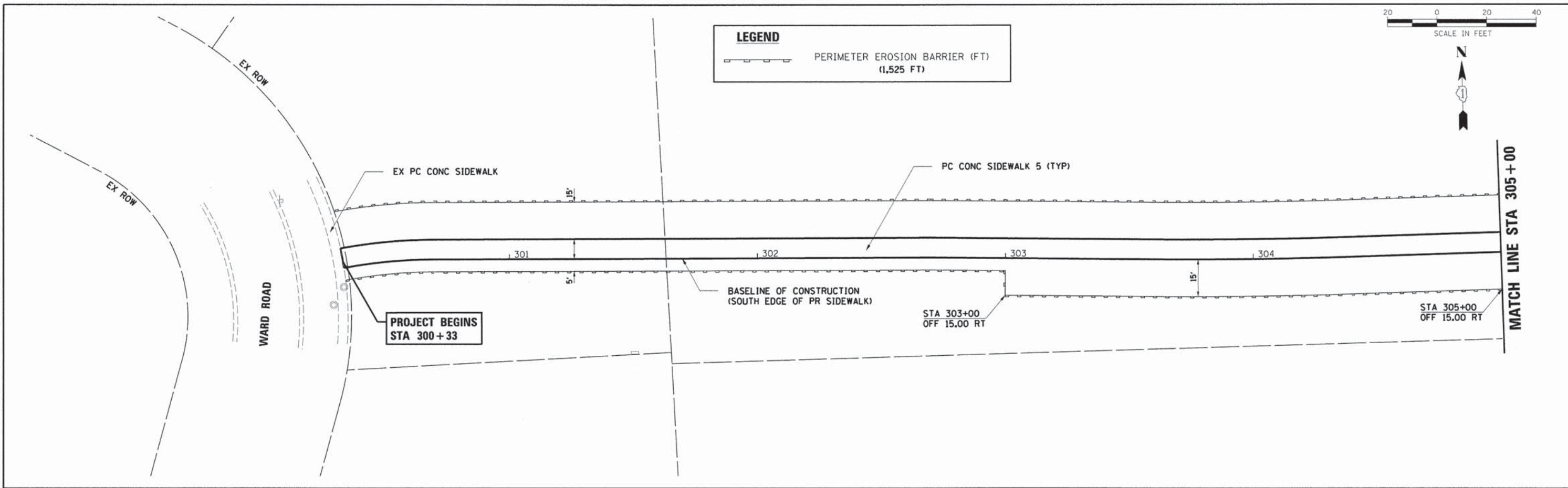
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PLOT DATE = 12/16/2013	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
 GUSTAFSON SCHOOL (NORTH)**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	22
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PROJECT CONSULTANT: JEFF FISHER, P.E.
 HRGreen, Inc. 11/16/2013 10:25:00 AM


HRGreen.com
 Illinois Professional Design Firm
 # 184-001322

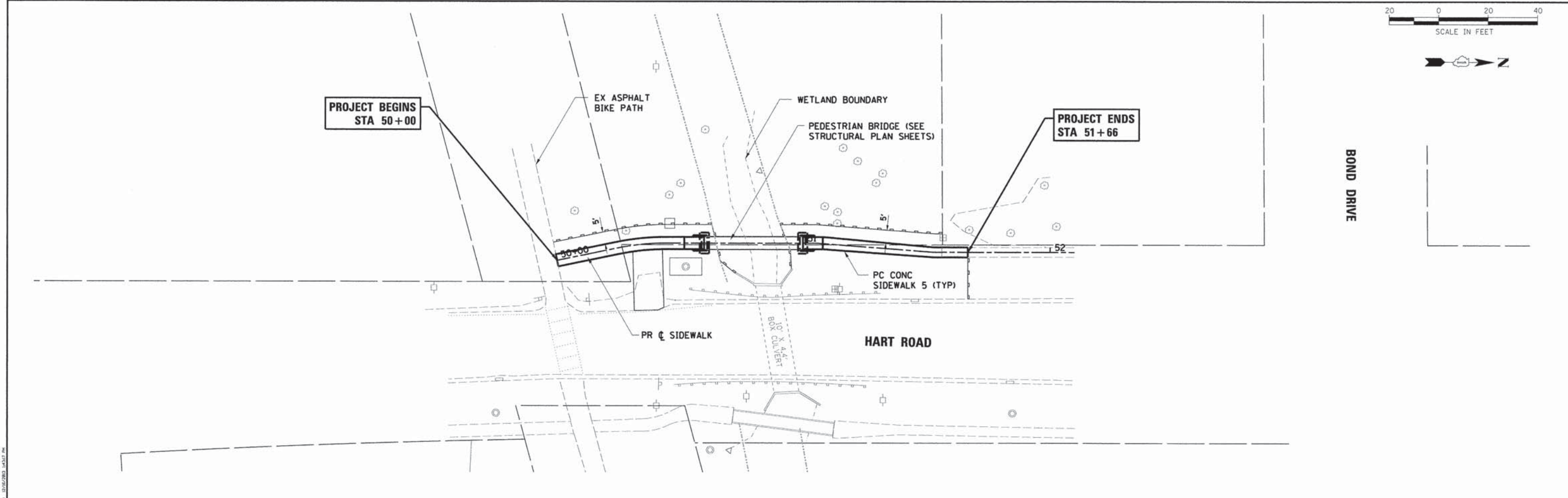
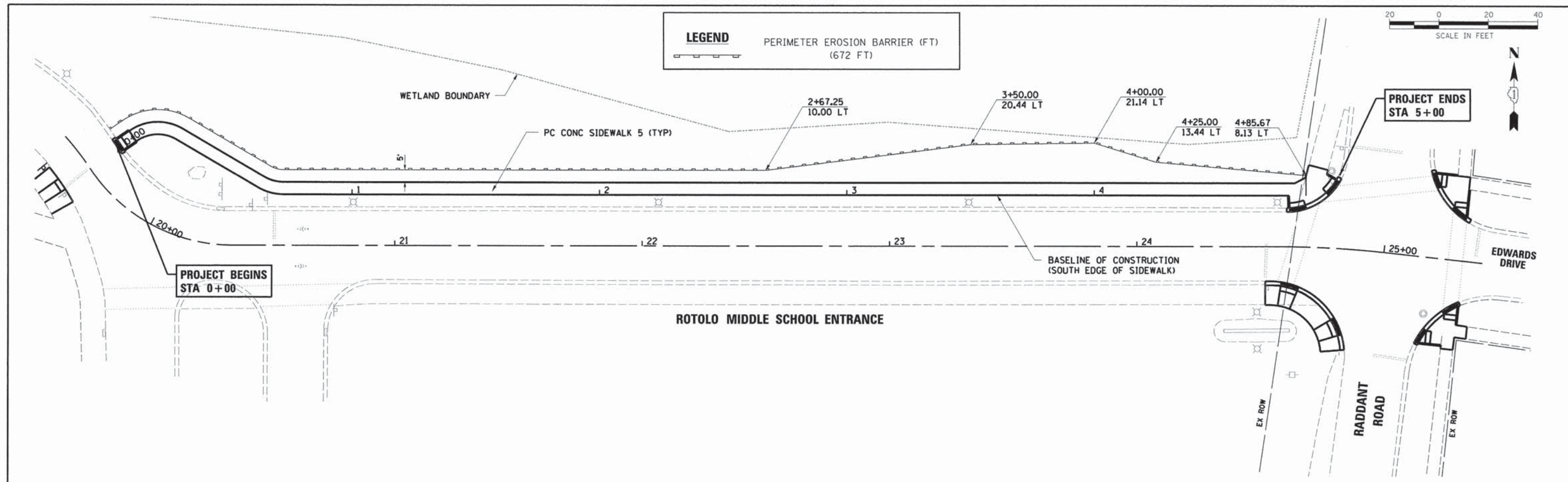
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PLOT DATE = 12/16/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
HC STORM SCHOOL

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	23
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND
PERIMETER EROSION BARRIER (FT)
(672 FT)

20 0 20 40
SCALE IN FEET



**PROJECT ENDS
STA 5+00**

**PROJECT BEGINS
STA 0+00**

ROTOLO MIDDLE SCHOOL ENTRANCE

20 0 20 40
SCALE IN FEET



**PROJECT ENDS
STA 51+66**

**PROJECT BEGINS
STA 50+00**

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
HART ROAD AND ROTOLO MIDDLE SCHOOL**

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	24
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

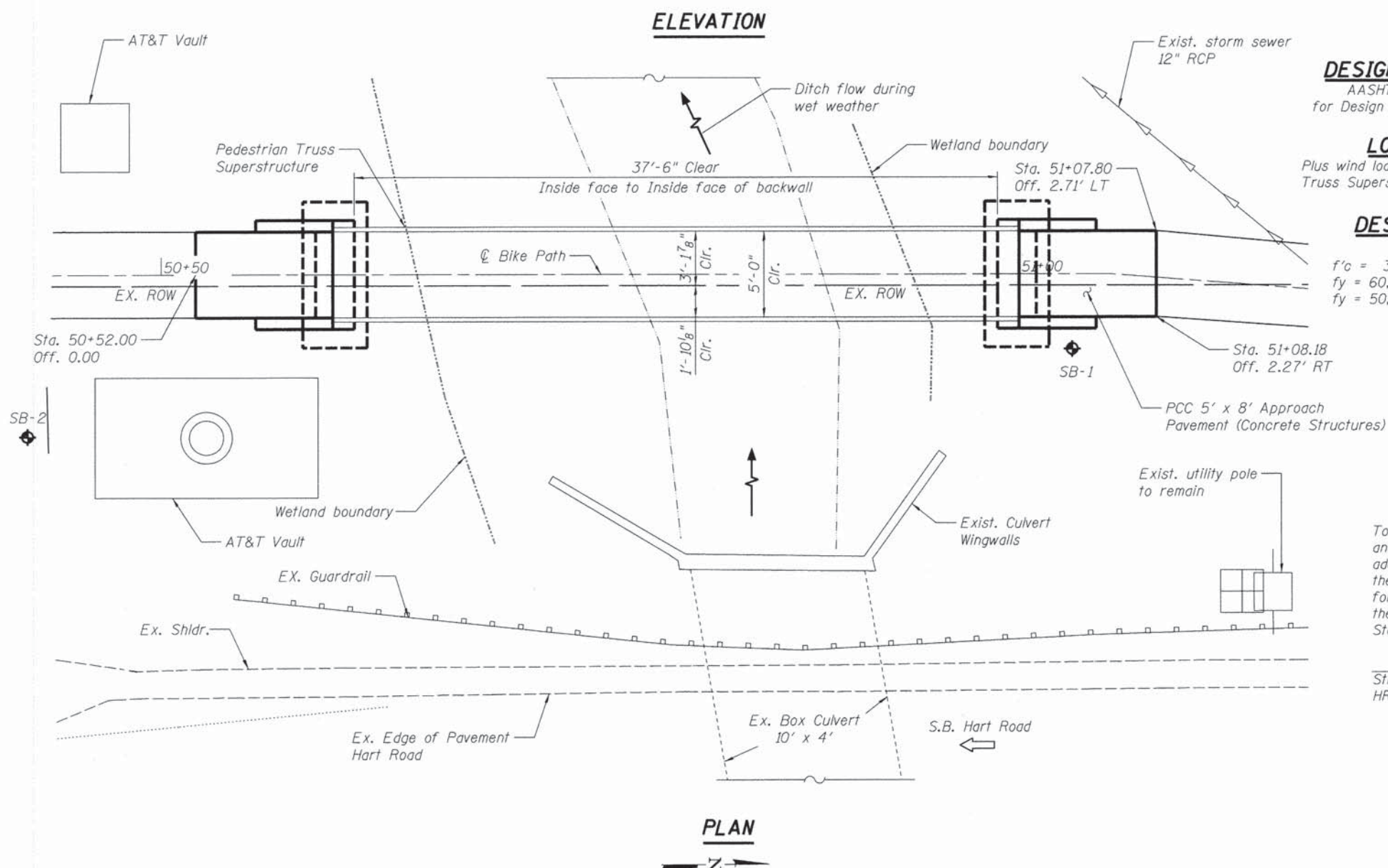
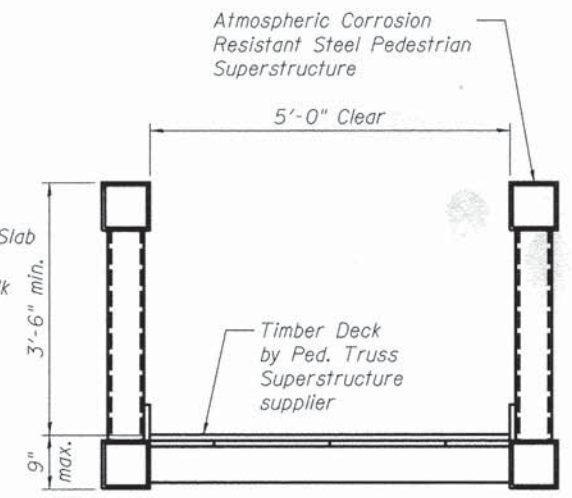
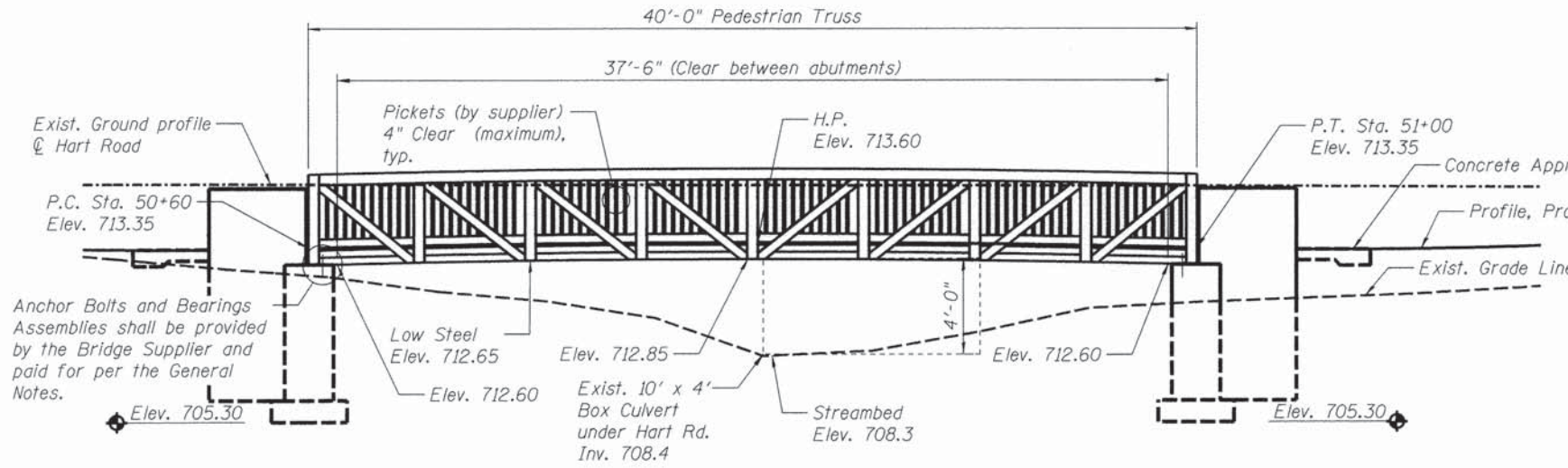
HRGreen
HRGreen.com
Illinois Professional Design Firm
184-001322

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PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE = 12/16/2013	DATE -	REVISED -

PROJECT COUNTY: DEPT. OF TRANSPORTATION
IN CHARGE: PROJECT NO. 09-00074-00-SW
DATE: 12/16/2013 10:45:17 AM

SCALE: SHEET NO. OF SHEETS STA. TO STA.

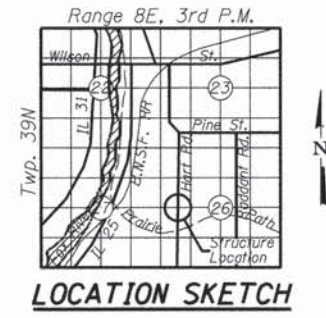
BENCHMARK:
CUT "X" CENTER OF HEADWALL
ELEVATION: 713.67 (NAVD 88)



DESIGN SPECIFICATIONS
AASHTO Guide Specifications for Design of Pedestrian Bridge, 2009

LOADING 90 psf
Plus wind loading specified in Pedestrian Truss Superstructure Special Provisions

DESIGN STRESSES
FIELD UNITS
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (M270 Grade 50)



To the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with the requirements of the current "AASHTO Standard Specifications for Highway Bridges".

Robert G. Davies
Structural Engineer Expires: 11/30/2014
HRGreen



**GENERAL PLAN & ELEVATION
PEDESTRIAN BRIDGE
OVER UNNAMED DRAINAGE SWALE
SECTION NO. 09-00074-00-SW
KANE COUNTY
STRUCTURE NO. 045-6020**

COMPANY NAME: HR GREEN
PROJECT CONTACT: (Engineer), P.E.
CLIENT: (client name here)
DATE PLOTTED: 12/16/2013 10:53:37 PM
FILE NAME: 189_gpac.dgn
PLOT DRIVER: pdf_vport
PEN TABLE: asc_border.tbl

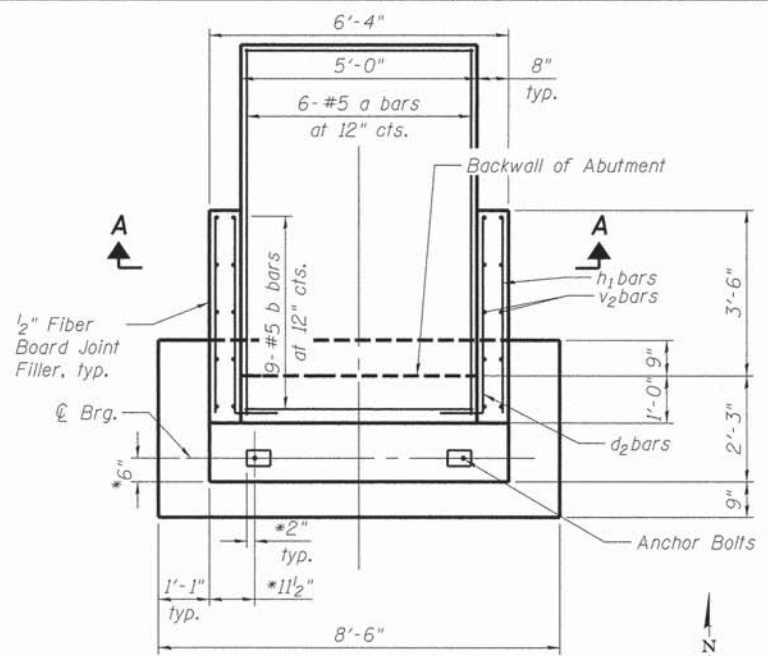


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	DATE - 12/16/2013	REVISIONS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

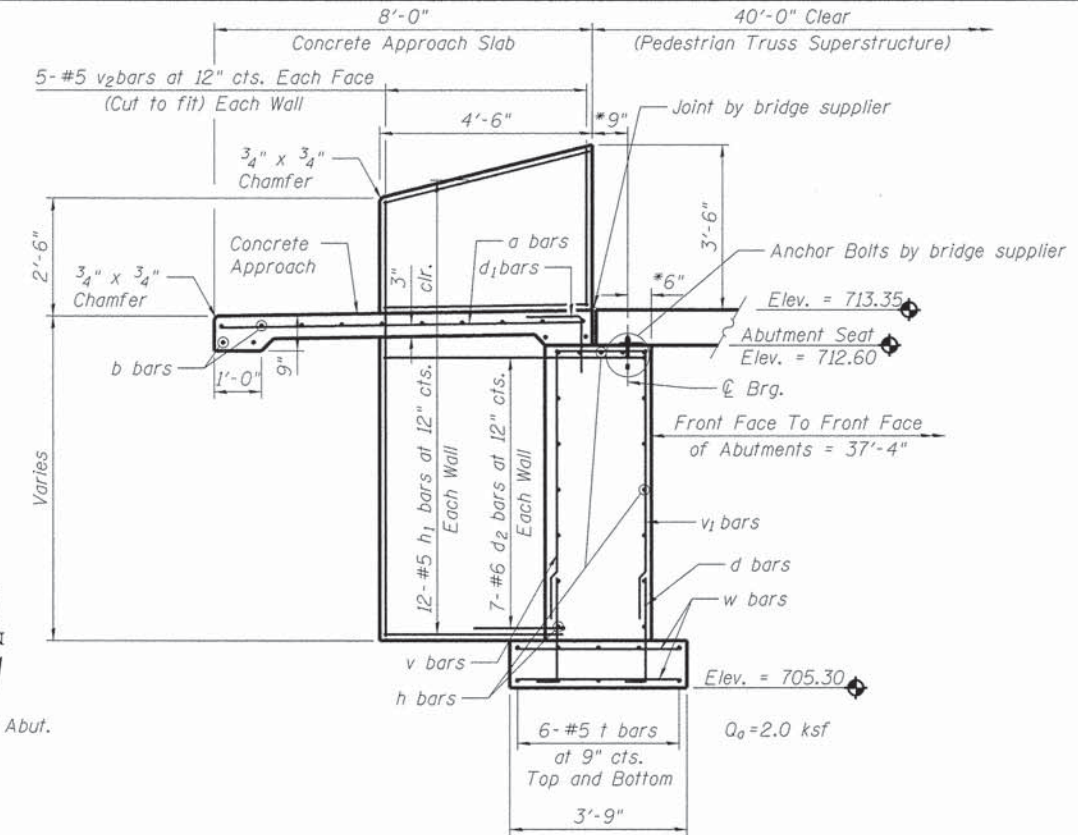
GENERAL PLAN & ELEVATION - HART RD PEDESTRIAN BRIDGE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	25
CONTRACT NO. 61A11				
ILLINOIS FED. AID PROJECT				



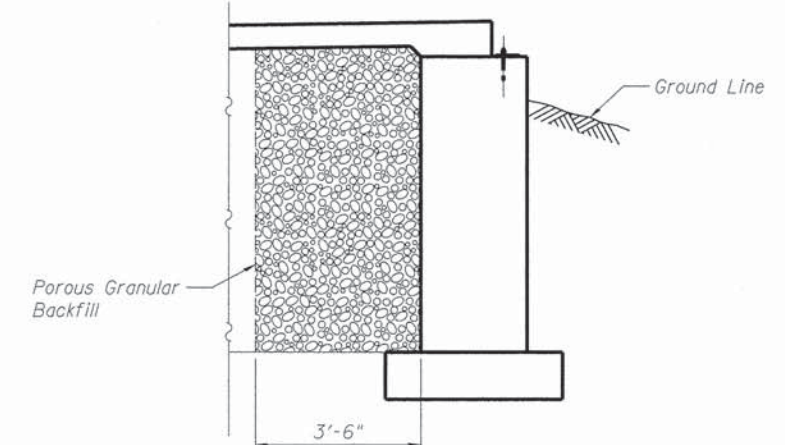
PLAN

* = Bridge Supplier to verify dimension(s)



SECTION THRU ABUTMENT
(Reinforcement)

* = Bridge Supplier to verify dimension(s)
Min. Lap Length for #6 bars = 2'-7" (Basic Lap),
3'-7" (Top Bar Lap)



SECTION THRU ABUTMENT

Backfill remainder of Structure Excavation and Over Excavation with same material for path embankment.

GENERAL NOTES

- Bridge Supplier = Pedestrian Truss Superstructure Supplier
- The term "Standard Specification" refers to the Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, adopted January 1 2012.
- Contractor shall notify Owner at least 48 hours prior to placing concrete.
- Reinforcement bars shall conform to the requirements of AASHTO M31 or M32 grade 60.
- Minimum 14-day concrete cylinder strength shall be: 3500 psi (Class SI) with air entrained content between 5% and 7%.

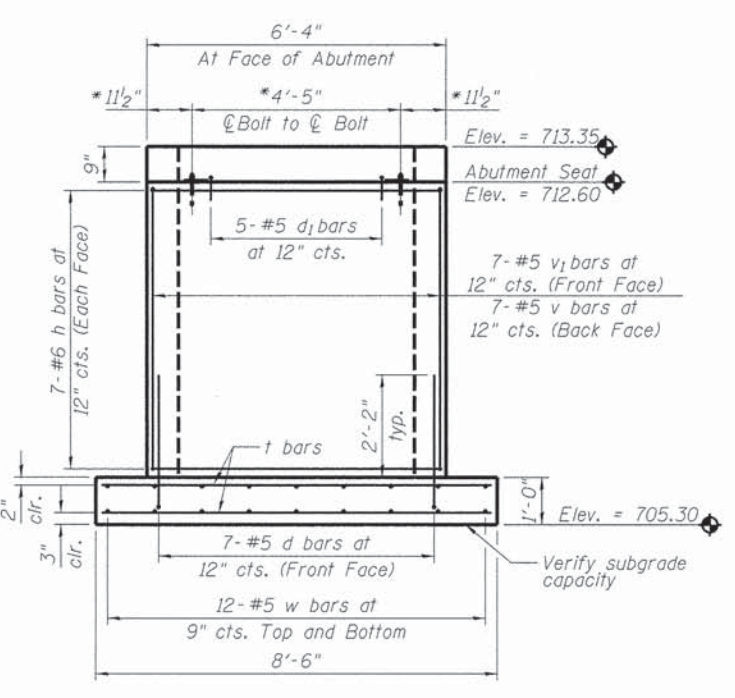
- All Construction Joints shall be bonded.
- Concrete Approach Slab: Concrete materials and concrete constructions used for the approaches shall comply with the Standard Specifications Section 424 and for class "SI" concrete outlined in Section 503.
- Concrete surface texture on the deck and approach slabs shall conform to the Standard Specifications Article 424.06.
- Anchor bolts and bearing assemblies shall be designed and furnished by the Pedestrian Truss Superstructure Supplier and shall be included in the unit bid price for Pedestrian Truss Superstructure.
- All expansion joint plates, attached bars, expansion bearings assemblies, fixed bearing assemblies, shims and fasteners necessary to install the above items shall be included in the unit bid price for Pedestrian Truss Superstructure.
- Fabrication is subject to inspections according to Section 505.05.

Engineer or Project Geotechnical Engineer shall be notified after excavation and prior to footing construction to verify bearing capacity at proposed footing elevation. If applied bearing pressure (Qa) is not available at that elevation, Contractor shall excavate (Removal and Disposal of Unsuitable Material) to competent material and backfill with (Porous Granular Backfill).

Removal and Disposal of Unsuitable Material and Porous Granular Backfill is anticipated under the south footing.

TOTAL BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	12	#5	7'- 8"	—
b	26	#5	4'- 8"	—
d	28	#5	3'- 10"	—
d1	10	#5	5'- 8"	┘
d2	28	#5	5'- 10"	┘
h	32	#6	6'- 0"	—
h1	48	#5	4'- 2"	—
t	24	#5	8'- 2"	—
v	14	#5	5'- 11"	—
v1	14	#5	7'- 5"	—
v2	40	#5	10'- 2"	—
w	48	#5	3'- 5"	—
Reinforcement Bars			Pound	2,060
Structure Excavation			Cu Yd	62
Concrete Structures			Cu Yd	14.2
Pedestrian Truss Superstructure			Sq Ft	200
Removal and Disposal of Unsuitable Material			Cu Yd	29
Porous Granular Backfill			Cu Yd	38



ELEVATION

Looking North at North Abutment
Looking South at South Abutment

* = Bridge Supplier to verify dimension(s)

COMPANY NAME: HR GREEN
PROJECT CONTACT: (Engineer), P.E.
CLIENT: (Client name here)
DATE PLOTTED: 12/16/2013 14:54 PM
PLOT NUMBER: 162.dwr1010.dgn
PLOT ORIGIN: 0,0
PLOT SCALE: 1/8" = 1'-0"



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PLOT DATE = 12/16/2013	DRAWN - WJH	REVISED -
	DATE - 12/16/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ABUTMENT DETAILS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	26
CONTRACT NO. 61A11				
ILLINOIS FED. AID PROJECT				

PROJECT **Pedestrian Bridge, Hart Road, Batavia, Illinois**
 CLIENT **HR Green, Inc., McHenry, Illinois**
 BORING **1** DATE STARTED **7-30-13** DATE COMPLETED **7-30-13** JOB **L-80,505**



ELEVATIONS
 GROUND SURFACE **94.5**
 END OF BORING **74.5**

WATER LEVEL OBSERVATIONS
 ▽ WHILE DRILLING **5.5'**
 ▽ AT END OF BORING **8.0'**
 ▽ 24 HOURS

North Abutment

LENGTH RECOVERY	SAMPLE		N	WC	Qu	γ _{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
	NO.	TYPE							
							1.2	93.3	Black clayey TOPSOIL (OL)
	1	SS	8	27.2	2.75*		3.0	91.5	Very tough black and brown silty CLAY, little sand, trace organic, moist (CL/CH)
	2	SS	6	22.6	1.03 1.0*		5.5	89.0	Tough brown and gray silty CLAY, little sand, trace gravel, moist (CL)
	3	SS	14	15.6	2.25*				
	4	SS	18	14.5	4.13 4.0*				
	5	SS	14	14.9	2.08 2.25*				
	6	SS	14	15.5	3.25*				
	7	SS	10	20.9	1.62 1.5*				
	8	SS	14	21.5	2.00 2.25*				
									End of Boring at 20.0'

DISTANCE BELOW SURFACE IN FEET

TSC 80505.GPJ TSC_ALL.GDT 8/15/13

DRILL RIG NO. **262**

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.

PROJECT **Pedestrian Bridge, Hart Road, Batavia, Illinois**
 CLIENT **HR Green, Inc., McHenry, Illinois**
 BORING **2** DATE STARTED **7-30-13** DATE COMPLETED **7-30-13** JOB **L-80,505**



ELEVATIONS
 GROUND SURFACE **97.0**
 END OF BORING **77.0**

WATER LEVEL OBSERVATIONS
 ▽ WHILE DRILLING **8.5'**
 ▽ AT END OF BORING **11.0'**
 ▽ 24 HOURS

South Abutment

LENGTH RECOVERY	SAMPLE		N	WC	Qu	γ _{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
	NO.	TYPE							
	1	SS	8	12.4	4.0*	126	3.0	94.0	FILL - Black and brown silty CLAY, little sand and gravel, trace organic, moist (CL)
	2	SS	6	20.1	1.0*	108			
	3	SS	5	22.4	0.5*	105	8.0	89.0	FILL - Dark brown and gray silty CLAY, little sand and gravel, trace organic, moist (CL)
	4	SS	3	19.2			10.5	86.5	FILL - Brown and gray clayey SAND and GRAVEL, very moist (SC/GC)
	5	SS	15	13.7	2.42 2.5*				
	6	SS	25	13.5	4.59 4.5+*				
	7	SS	16	14.7	4.0*				
	8	SS	16	17.9	2.08 2.5*				
									End of Boring at 20.0'

DISTANCE BELOW SURFACE IN FEET

TSC 80505.GPJ TSC_ALL.GDT 8/15/13

DRILL RIG NO. **262**

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.

COMPANY NAME: HR GREEN
 PROJECT CONTACT: (Engineer), P.E.
 CLIENT: (Client name here)
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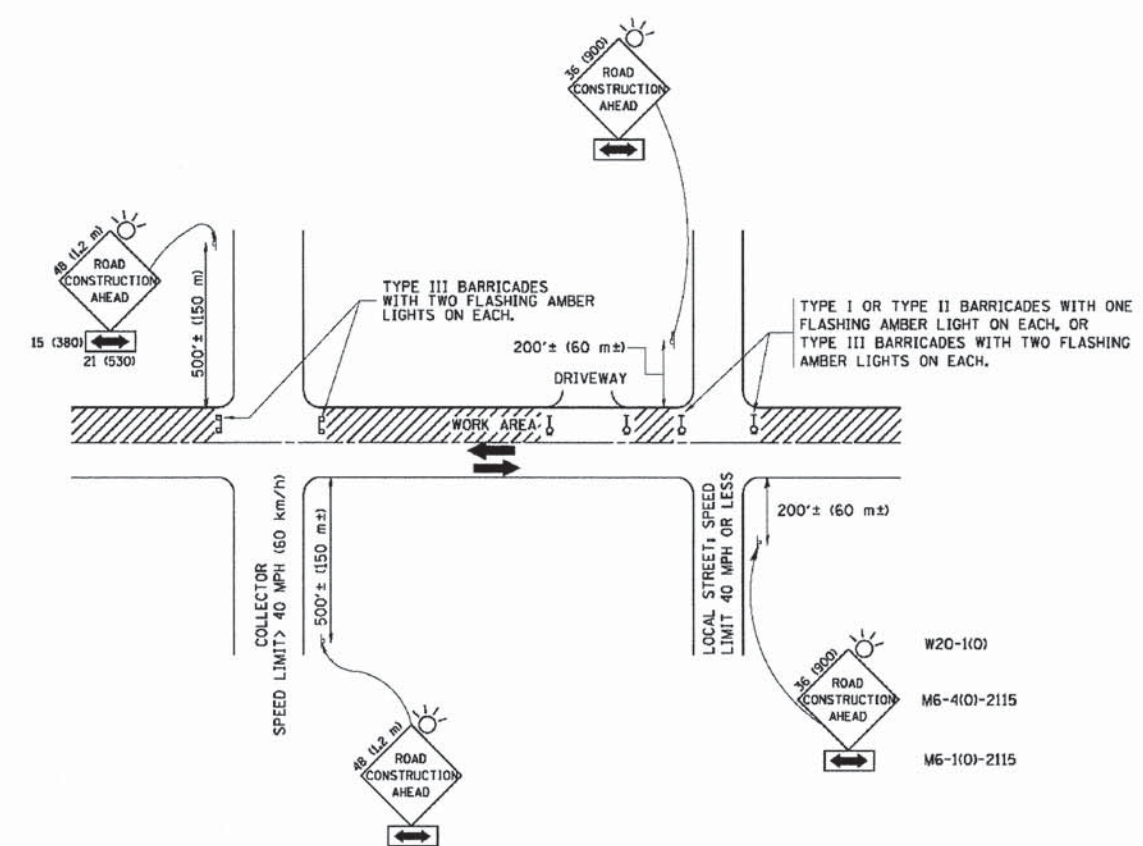
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PLOT DATE = 12/16/2013	DRAWN - WJH	REVISED -
	DATE - 12/16/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-0074-00-SW	KANE	48	27
CONTRACT NO. 61A11				

ILLINOIS FED. AID PROJECT



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-09	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TC-10			CONTRACT NO.	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.



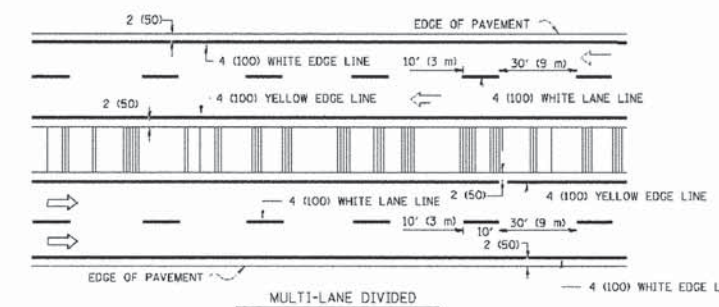
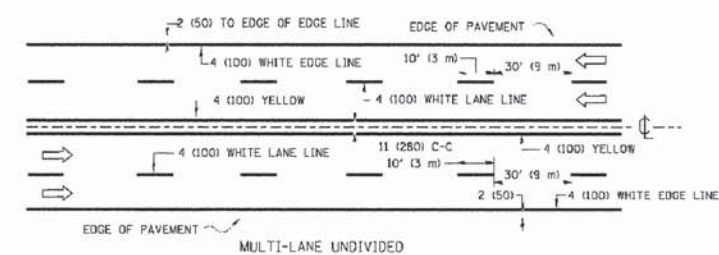
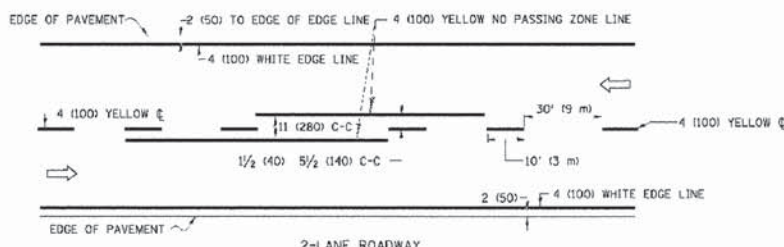
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE DETAIL

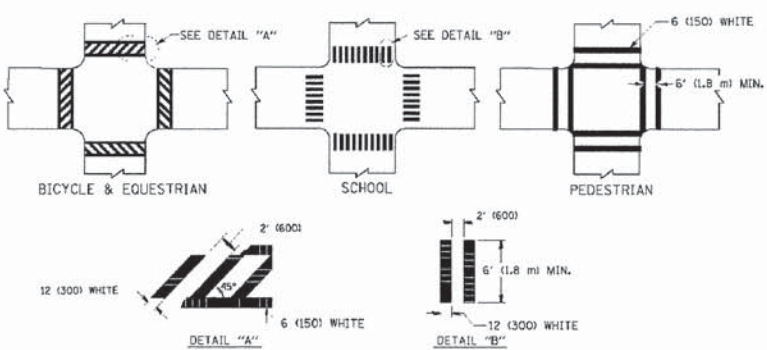
F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	28
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. (ILLINOIS) FED. AID PROJECT				

SCALE: SHEET NO. OF SHEETS STA. TO STA.

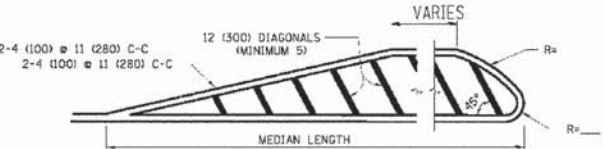
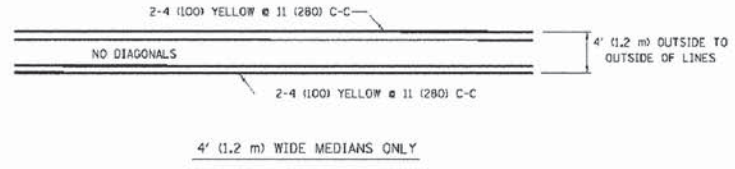


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



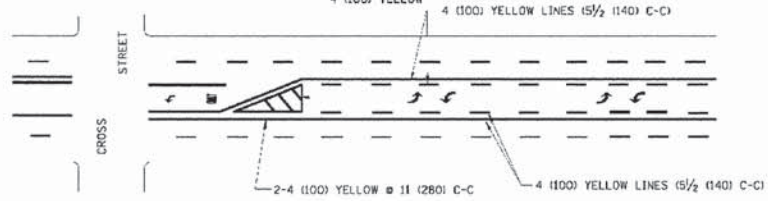
TYPICAL CROSSWALK MARKING



FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
 75' (25 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h))
 150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

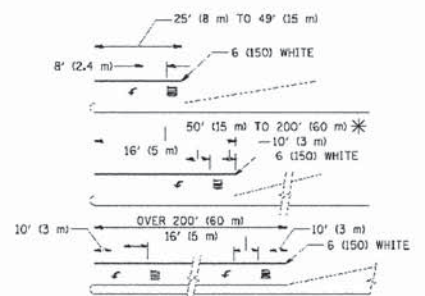


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

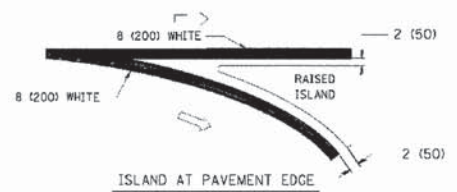
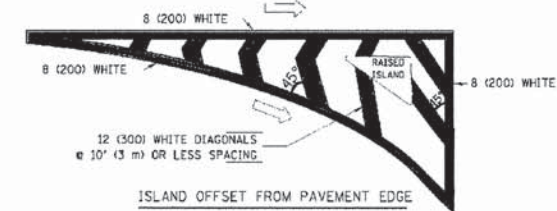


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.6 SQ. FT. (1.5 m²) AREA = 20.8 SQ. FT. (1.9 m²)

* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION	4 (100)	SOLID	YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE
NO PASSING ZONE LINES: FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW. EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE, FULL SIZE LETTERS & SYMBOLS (6' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL))	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW WHITE WHITE	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES "RR" (S 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X")	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=4.0 SQ. FT. (0.37 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
DRAWN	REVISED C. JUCIUS 09-09-09
CHECKED -	REVISED -
DATE - 03-19-90	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-13			
CONTRACT NO.				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE - 12/16/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE DETAIL			
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	29
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PROJECT CONSULTANT: HFG GREEN, INC. 1000 WEST WASHINGTON ST. CHICAGO, IL 60606



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1694 Professional Design Firm
164-001322

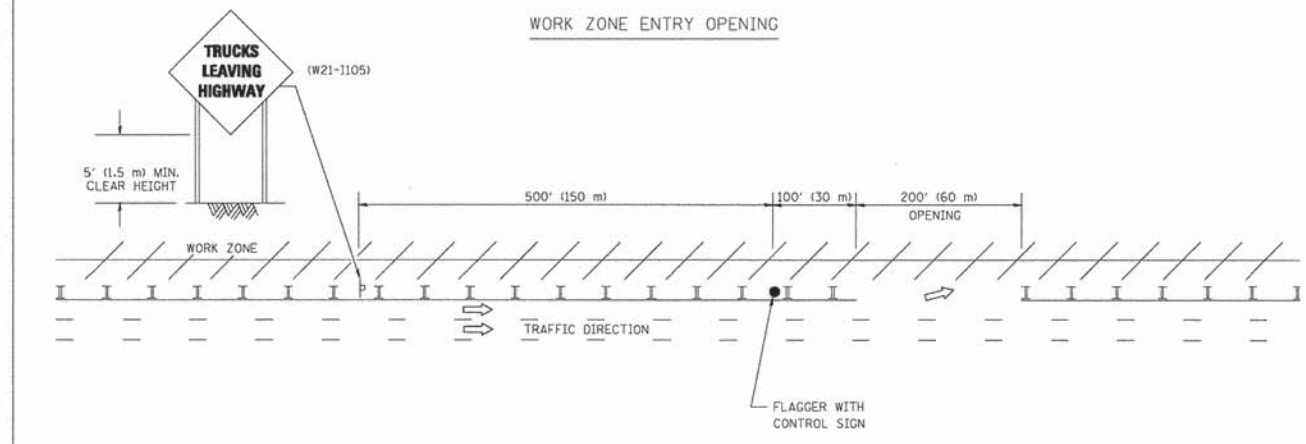
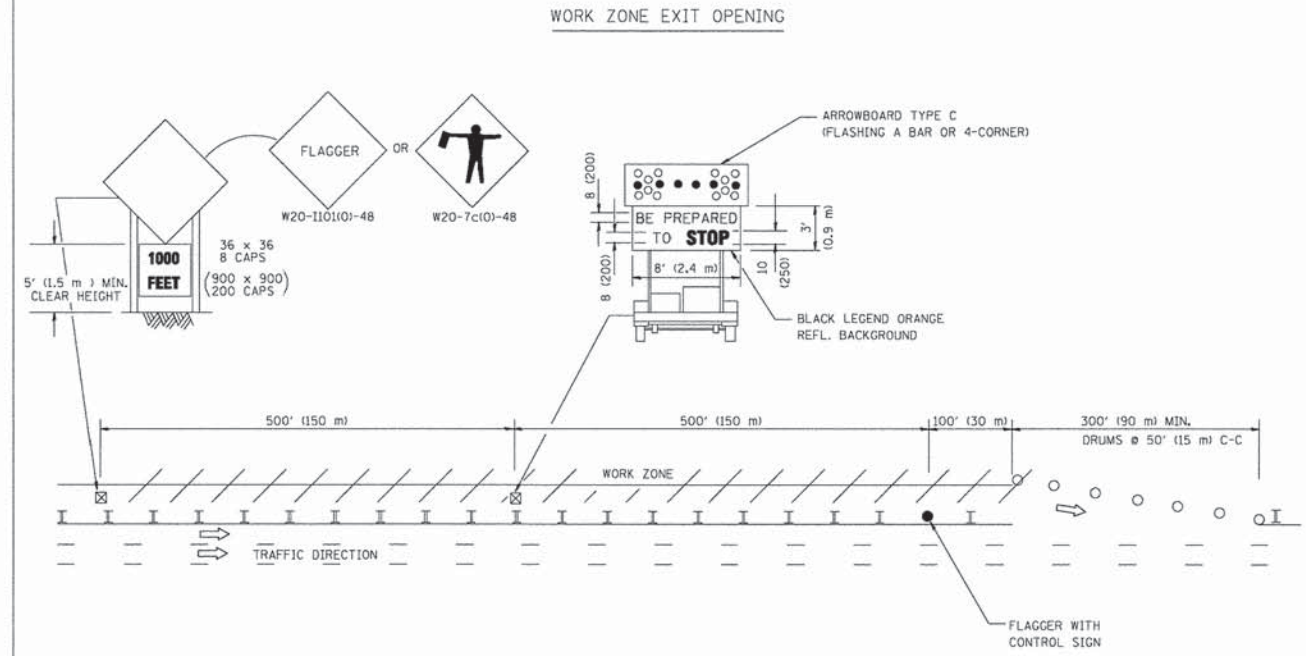
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE DETAIL			
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	29
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS



- NOTES:
1. THE ARROWBOARD, THE FLAGGER AHEAD SIGN AND THE TRUCKS LEAVING HIGHWAY SIGN SHALL BE REMOVED OR TURNED AWAY FROM TRAFFIC AND THE EXIT AND ENTRY OPENINGS SHALL BE CLOSED WHEN THE FLAGGING OPERATION CEASES. NON OPERATING EQUIPMENT SHALL COMPLY WITH ARTICLE 701.11
 2. WORK ZONE EXIT OPENINGS SHOULD BE A MINIMUM OF ONE HALF MILE APART.
 3. EXITING THE WORK ZONE AT ANY PLACE OTHER THAN AT A WORK ZONE EXIT OPENING WILL BE PROHIBITED.
 4. ALL VEHICLES SHALL ENTER THE WORK ZONE AT ENTRY OPENINGS, USING THEIR TURN SIGNALS TO WARN MOTORISTS

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING FOR FLAGGING OPERATIONS
AT WORK ZONE OPENINGS

SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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HRGreen.com
Illinois Professional Design Firm
184-001322

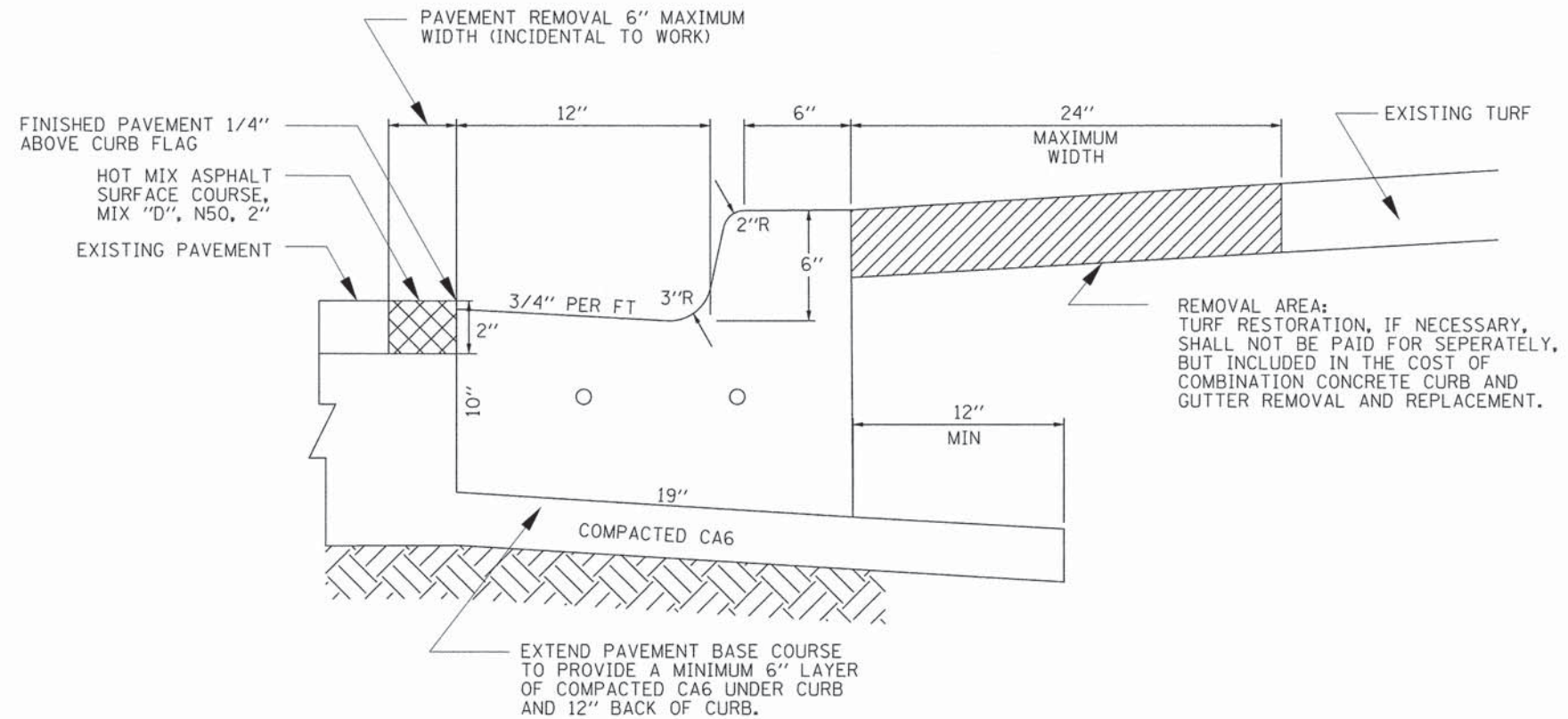
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE DETAIL

SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
			09-00074-00-SW		KANE	48	30
			CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT



NOTE:

1. 2 - NO. 5 REBARS CONTINUOUS AND 2-3/4" DOWEL BARS WITH GREASE CAPS AT EACH EXPANSION JOINT.
2. PLACE 3/4" EXPANSION JOINTS AT 100' INTERVALS, 5'-10' EITHER SIDE OF STRUCTURES, P.C.'S AND RADIUS POINTS.
SAW CONTRACTION JOINTS EVERY 10' BETWEEN EXPANSIONS TO THE DEPTH OF 3" WITHIN 24 HOURS OF PLACEMENT.
3. REMOVAL OF THE EXISTING PAVEMENT WILL BE REQUIRED IN ORDER TO INSTALL A FULL FRONT FACE FORM. STEEL ANGLE PIECES WILL NOT BE ALLOWED FOR FORMING. THE AREA BETWEEN THE EDGE OF THE EXISTING PAVEMENT AND THE FACE OF THE NEW GUTTER SHALL BE CLEANED OF ALL LOOSE MATERIAL AND FILLED WITH CLASS PV CONCRETE, TO A MAXIMUM 6 INCH (6") WIDTH AND TO A HEIGHT OF 3 INCH (3") BELOW EXISTING GRADE. THE 3 INCH (3") VOID ABOVE THE CLASS PV CONCRETE SHALL BE FILLED WITH HOT MIX ASPHALT SURFACE COURSE, "MIX D", N50 AND SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 406 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
4. THE CLASS PV CONCRETE AND HOT MIX ASPHALT SURFACE COURSE, "MIX D", N50 SHALL NOT BE PAID FOR SEPERATELY BUT INCLUDED IN THE COST OF THE COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT.

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 169-de1-05.dgn
 12/16/2013

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 # 184-001322

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

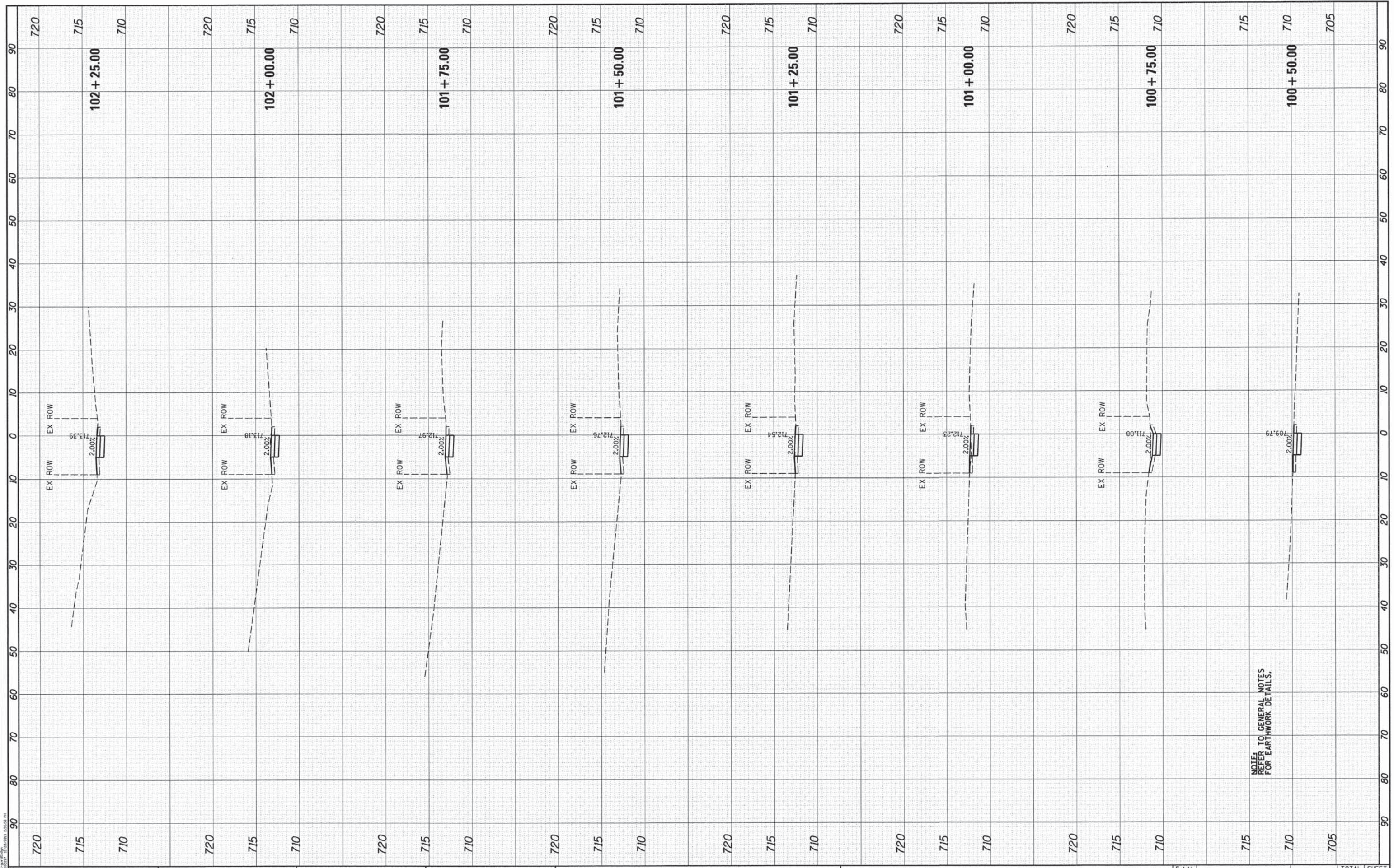
CURB AND GUTTER DETAIL

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	31
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	CONVERTED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		



PROJECT CONSULTANT: JEFF FRANKLIN, P.E.
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 Illinois Professional Design Firm
 # 164-001322

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PLOT DATE =	12/20/2013

DESIGNED -	REVISOR -
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DATE -	REVISOR -

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CHECKED -	REVISOR -
DATE -	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

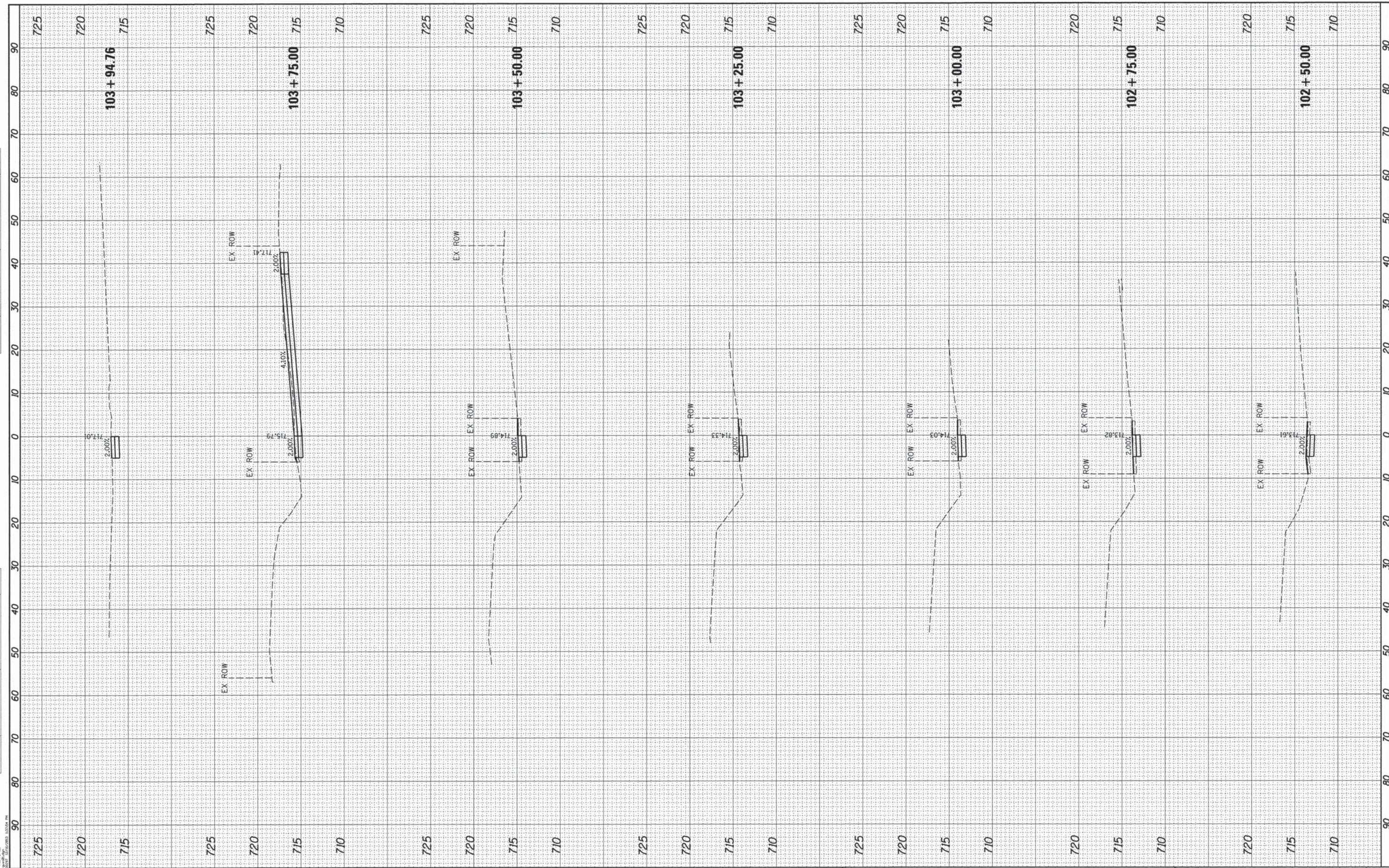
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CROSS SECTIONS
GUSTAFSON SCHOOL (SOUTH)

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-5W	KANE	48	32
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



PROJECT NUMBER: 09-00074-00-SW
 DRAWN BY: J. KANE
 CHECKED BY: J. KANE
 DATE: 12/16/2013



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 PLOT DATE = 12/16/2013

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

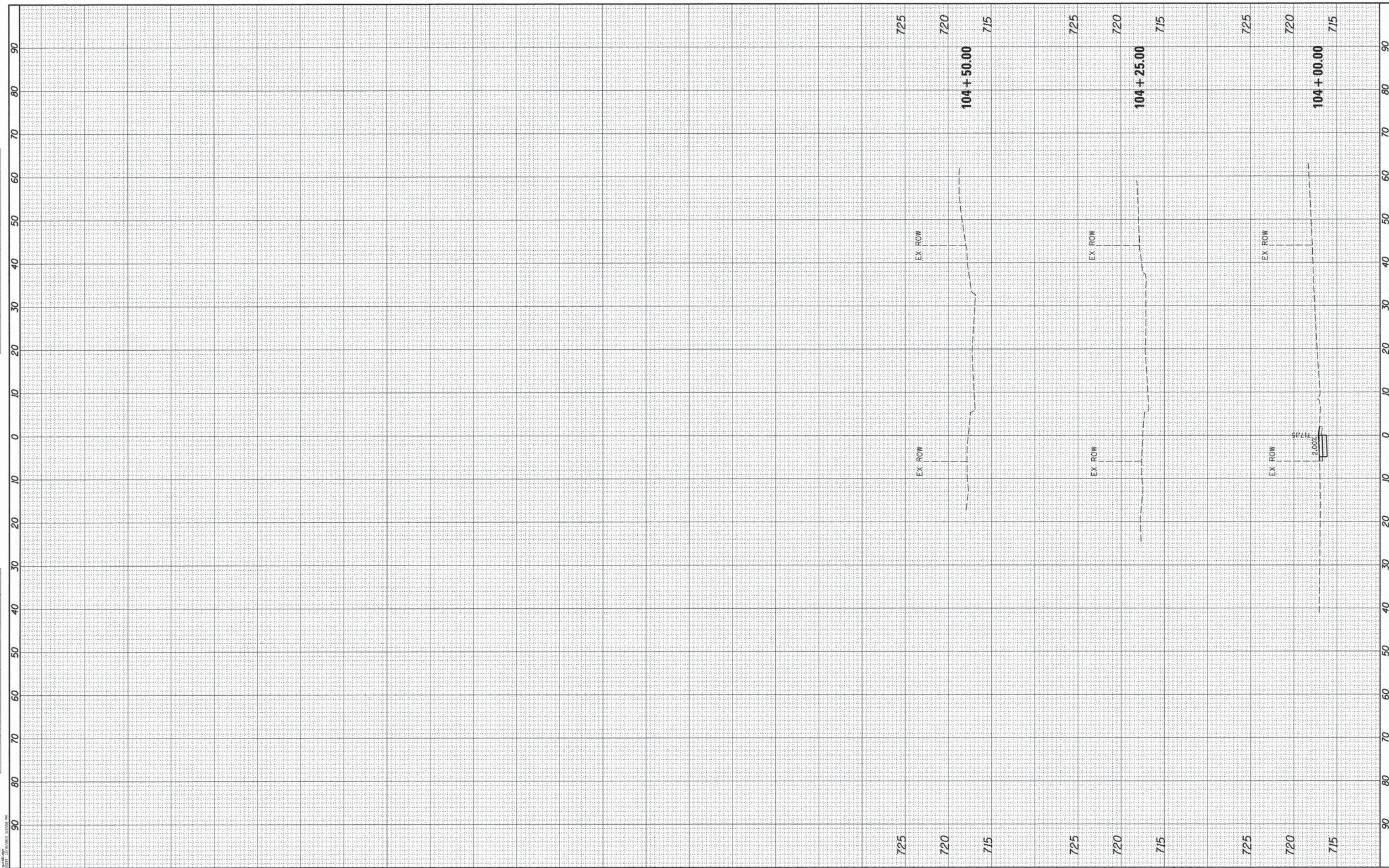
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CROSS SECTIONS
GUSTAFSON SCHOOL (SOUTH)

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	33
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	BY	DATE
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AREAS CHECKED	TEMPLATE		
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NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		



PROJECT CONTACT: KEV BROWN, P.E.
 PROJECT NO. 09-00074-00-5W
 SHEET NO. 48 OF 48

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 # 184-001322

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DESIGNED -
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REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

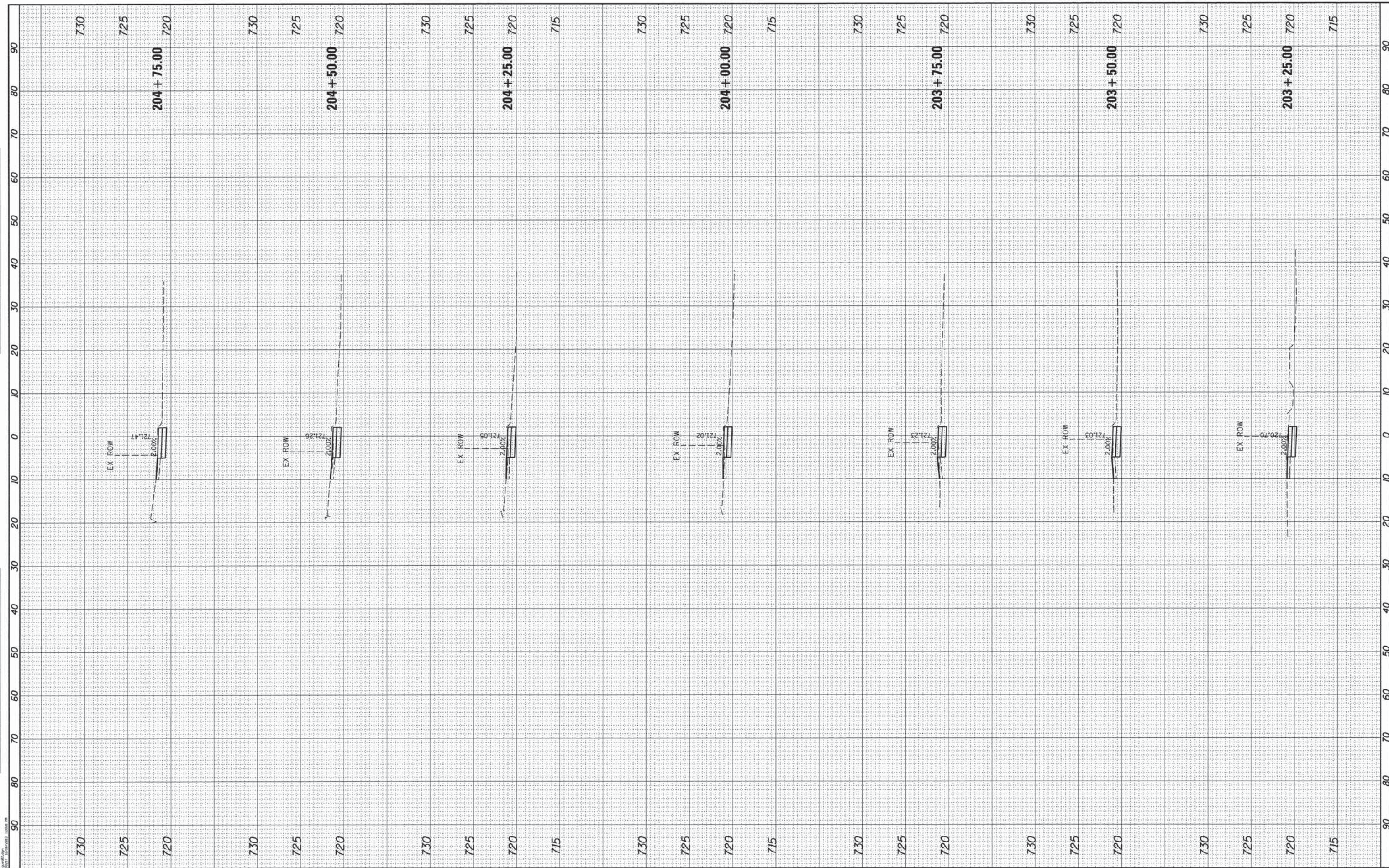
CROSS SECTIONS
GUSTAFSON SCHOOL (SOUTH)

SCALE: SHEET NO. OF SHEETS STA. 104+00.00 TO STA. 104+50.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-5W	KANE	48	34
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



PROJECT: GUSTAFSON SCHOOL (NORTH) STA. 203+25.00 TO STA. 204+75.00
 DRAWN BY: gfour1
 DATE: 12/16/2013


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 Illinois Professional Design Firm
 # 184-001332

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DESIGNED -
DRAWN -
CHECKED -
DATE -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

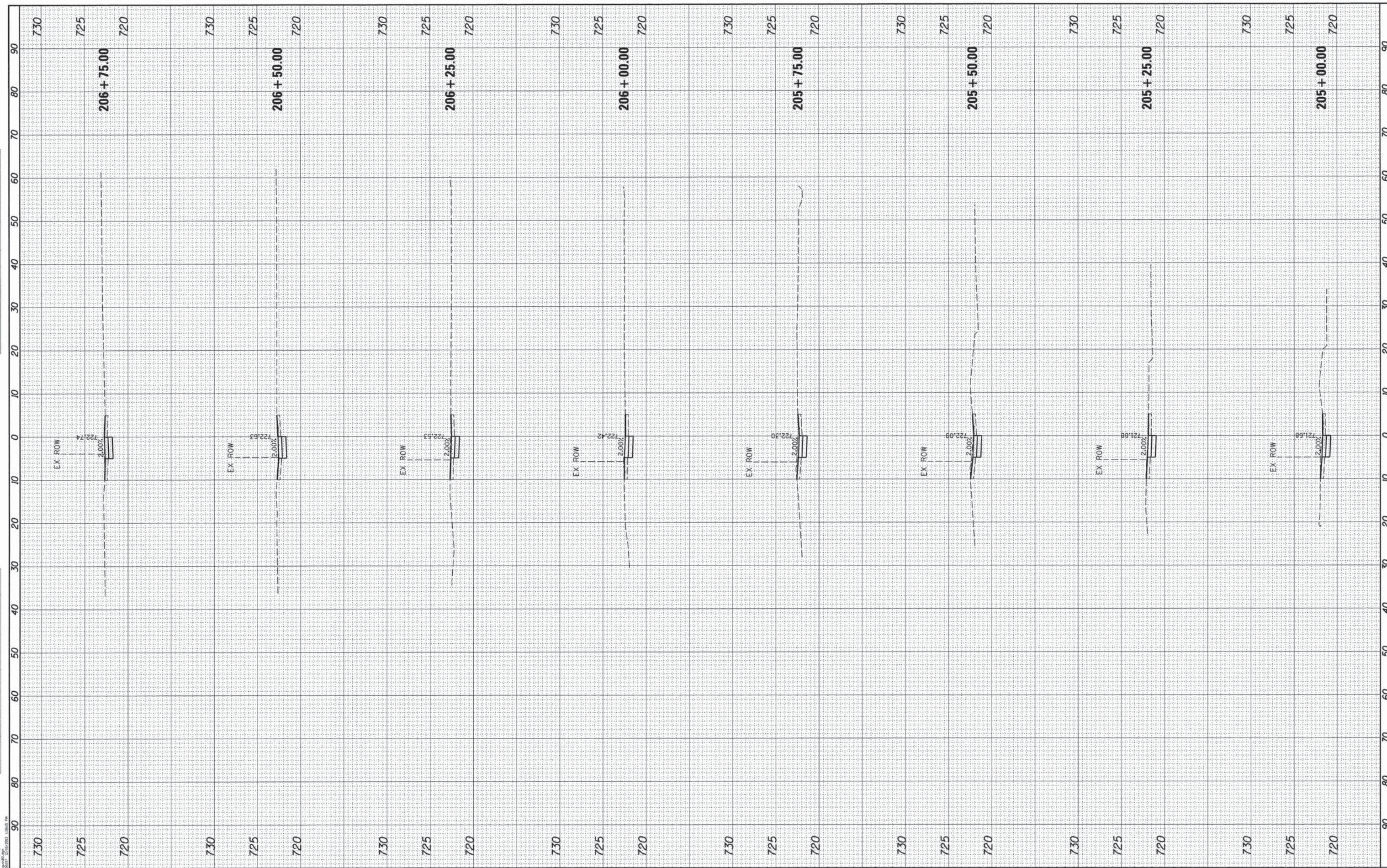
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CROSS SECTIONS
GUSTAFSON SCHOOL (NORTH)

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	35
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		



PROJECT CONTRACT: JEFF THOMAS, P.E.
 1000 W. BROADWAY, SUITE 1000, CHICAGO, IL 60604
 312.467.1000



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

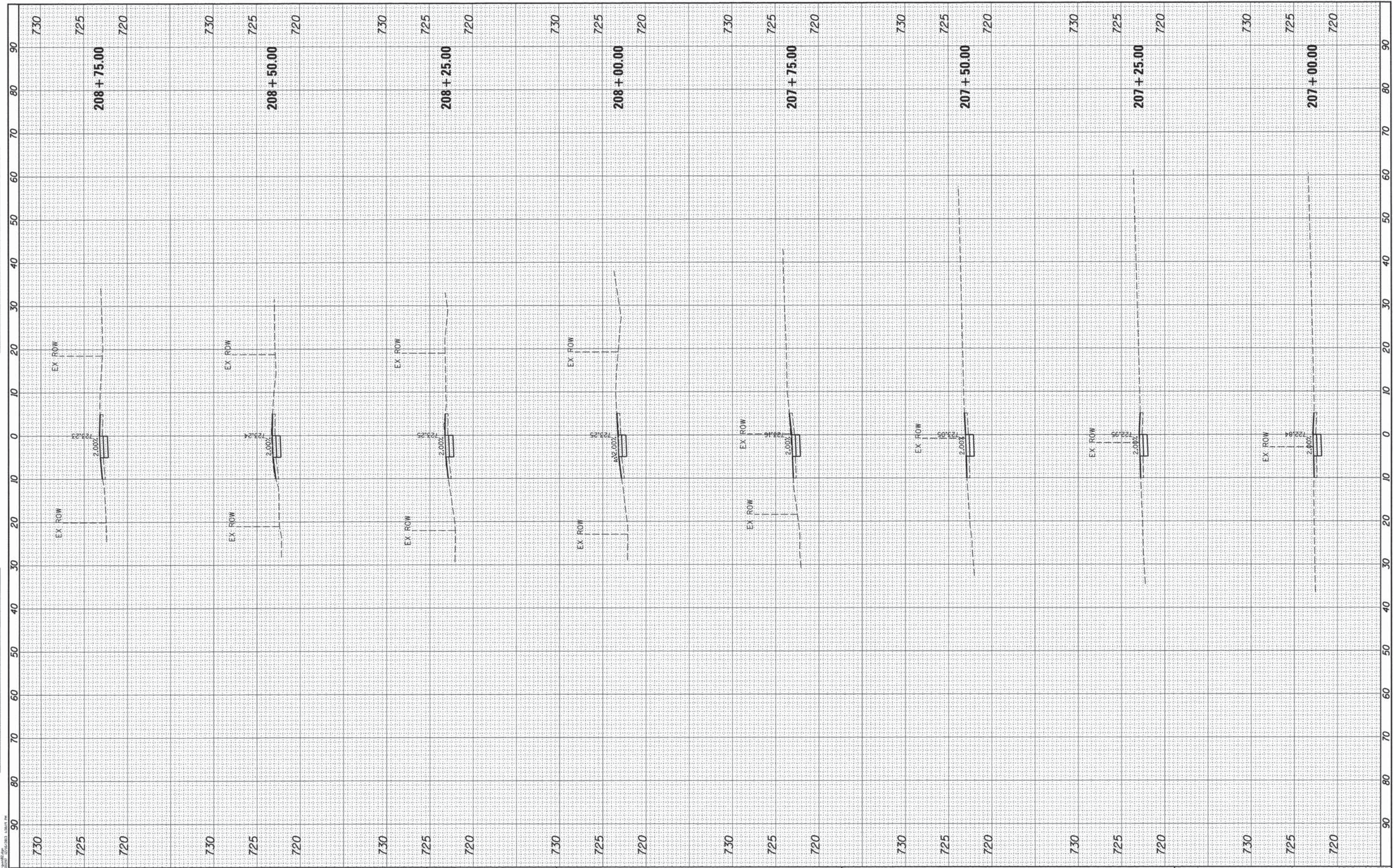
**CROSS SECTIONS
 GUSTAFSON SCHOOL (NORTH)**

SCALE: SHEET NO. OF SHEETS STA. 205+00.00 TO STA. 206+75.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	36
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED BY	DATE
NOTE BOOK NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED BY	DATE
NOTE BOOK NO.	TEMPLATE	
	AREAS CHECKED	



PROJECT CONTRACT: JEFF THORN, P.E.
 100 SOUTH PULASKI STREET, SUITE 200, CHICAGO, ILLINOIS 60607
 312.467.1000



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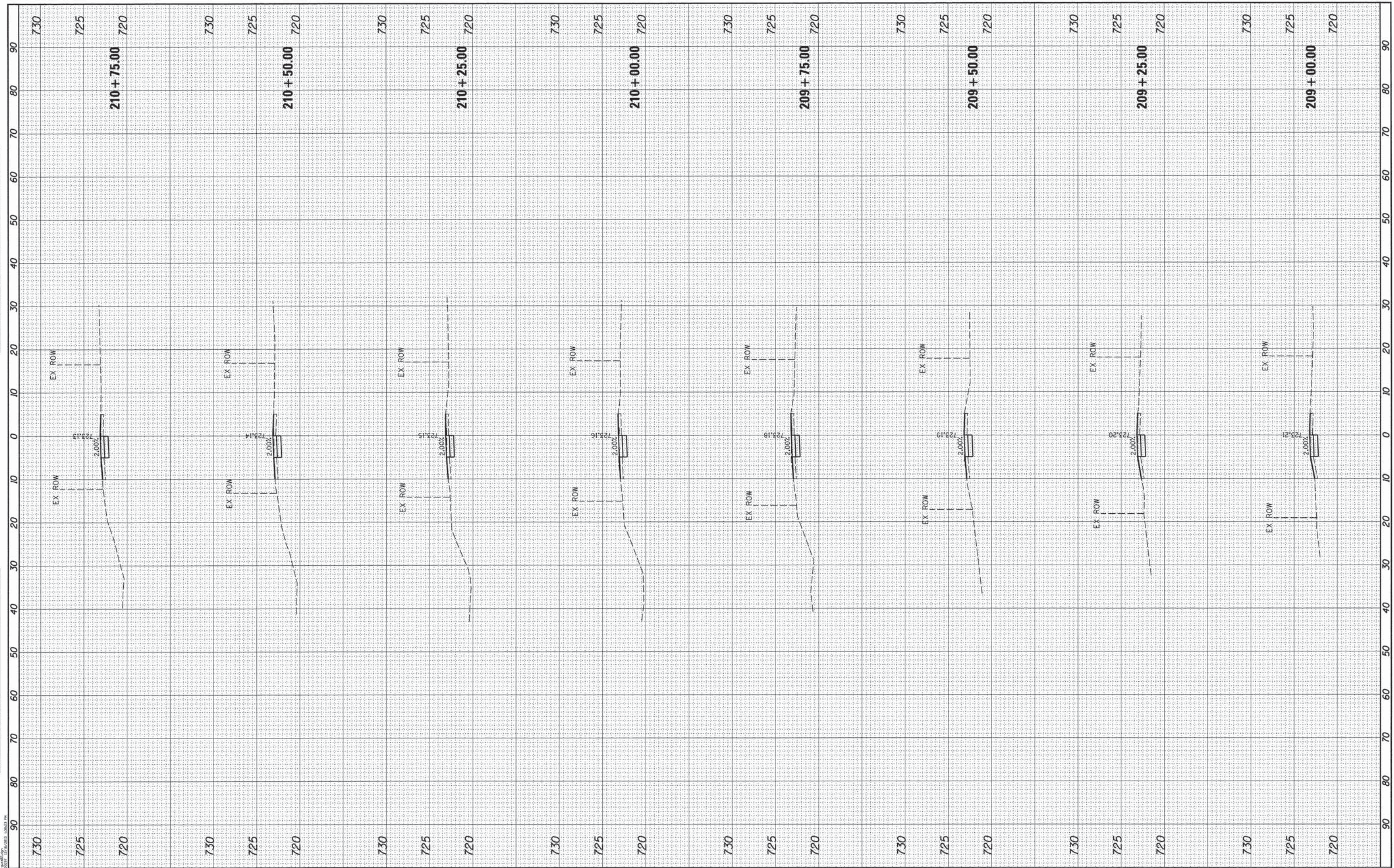
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 GUSTAFSON SCHOOL (NORTH)**
 SCALE: SHEET NO. OF SHEETS STA. 207+00.00 TO STA. 208+75.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-5w	KANE	48	37
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	CHECKED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	CHECKED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



PROJECT OFFICE: JEFF STARK, P.E.
 1800 N. WILSON AVENUE, SUITE 200
 DEERFIELD, IL 60015

HRGreen
 HRGreen.com
 Illinois Professional Design Firm
 # 194-001322

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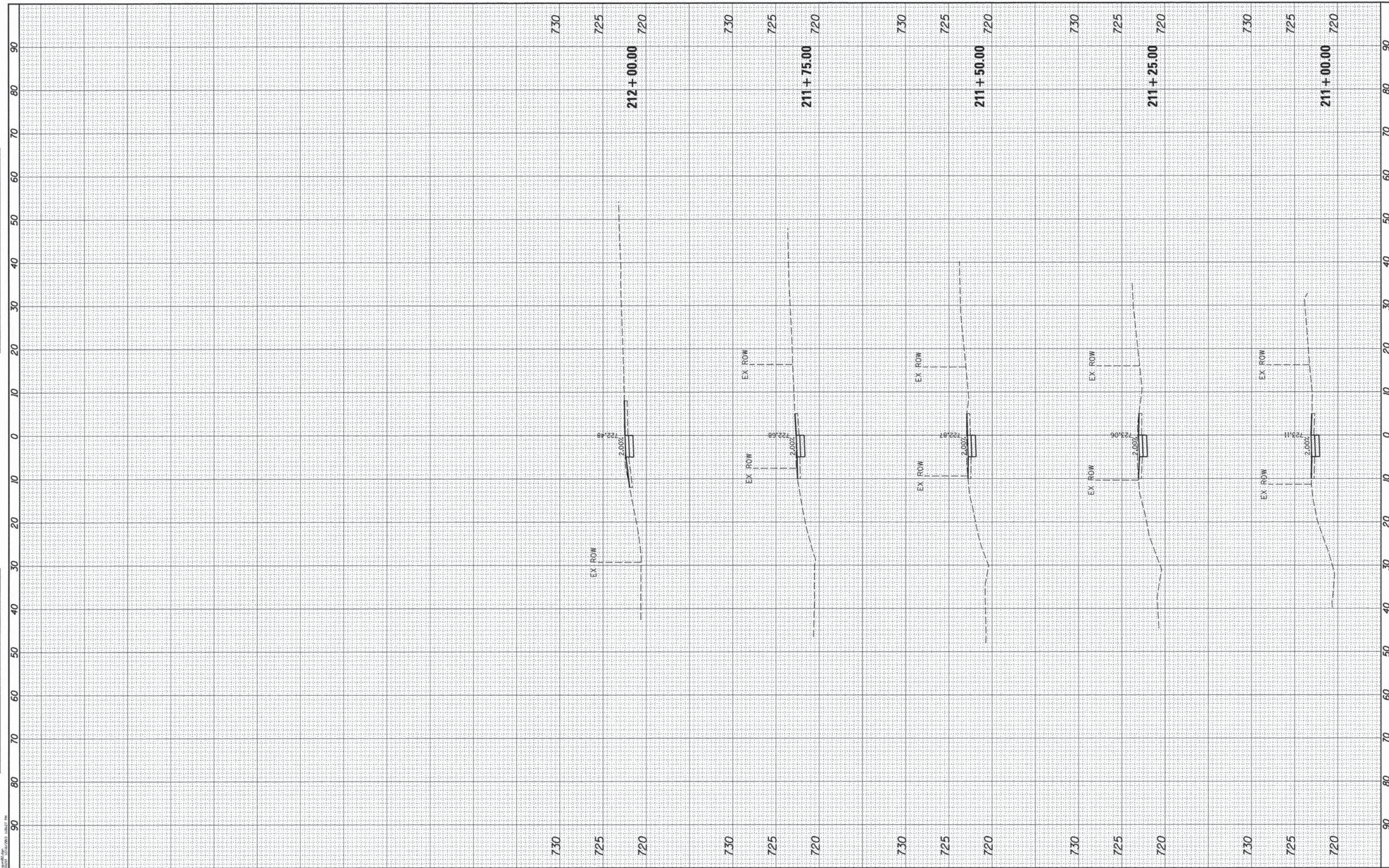
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 GUSTAFSON SCHOOL (NORTH)**
 SCALE: SHEET NO. OF SHEETS STA. 209+00.00 TO STA. 210+75.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	38
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NO. _____	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NO. _____	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



PROJECT OBJECT: HWY 158A, A.E.
 PLANNING, P.E., ILLINOIS PROFESSIONAL ENGINEERING NO. 022679333
 158A HWY 158A, ILLINOIS PROFESSIONAL ENGINEERING NO. 022679333

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 Illinois Professional Design Firm
 #184-001322

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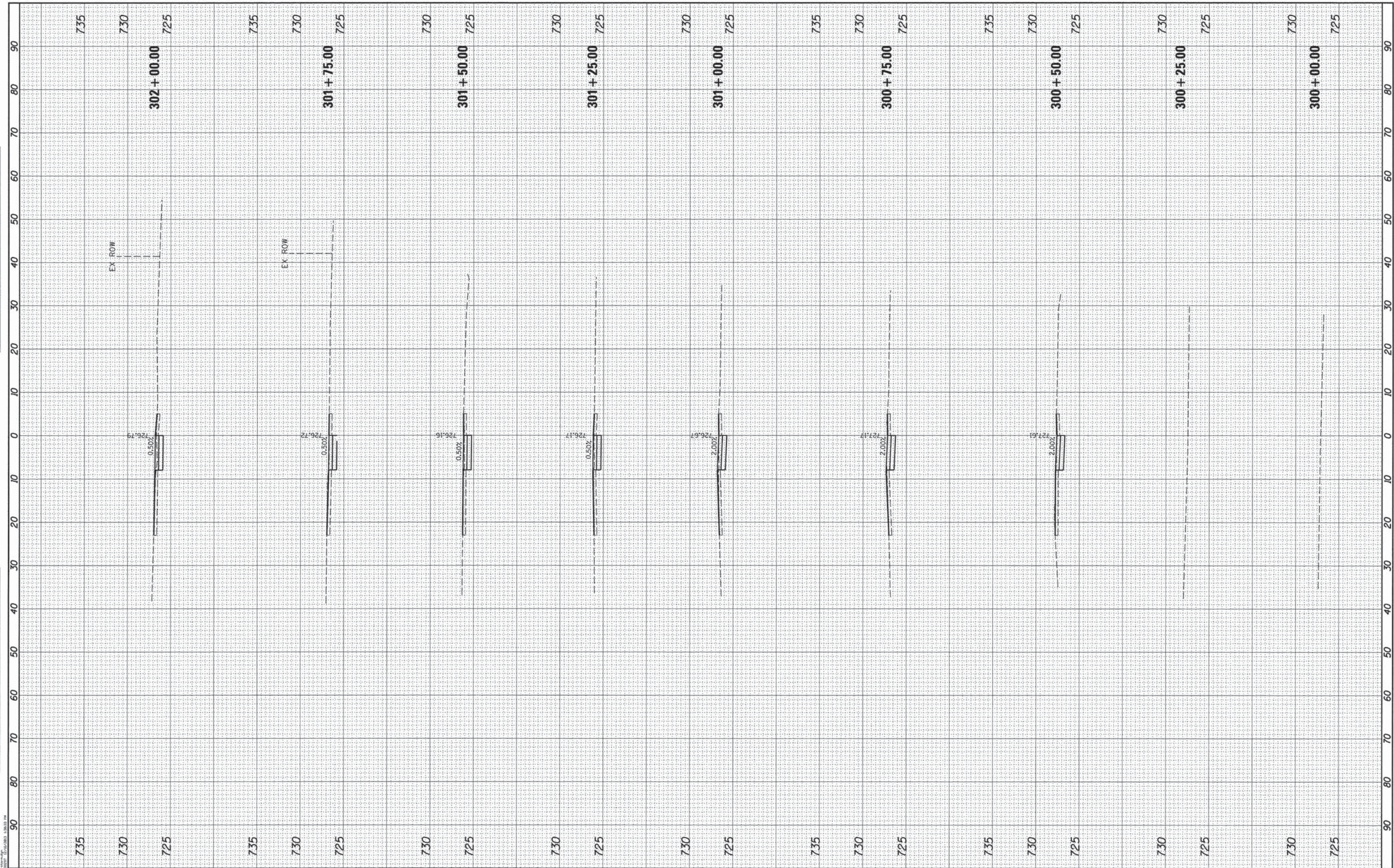
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS	
GUSTAFSON SCHOOL (NORTH)	
SCALE:	SHEET NO. OF SHEETS STA. 211+00.00 TO STA. 212+00.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-5W	KANE	48	39
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	DATE
DESIGNED	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

ORIGINAL SURVEY NO.	DATE
DESIGNED	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	



PROJECT CHECKED BY: JEFF FRANK, P.E.
 DATE: 12/16/2013

HRGreen
 Illinois Professional Design Firm
 #154-001322

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

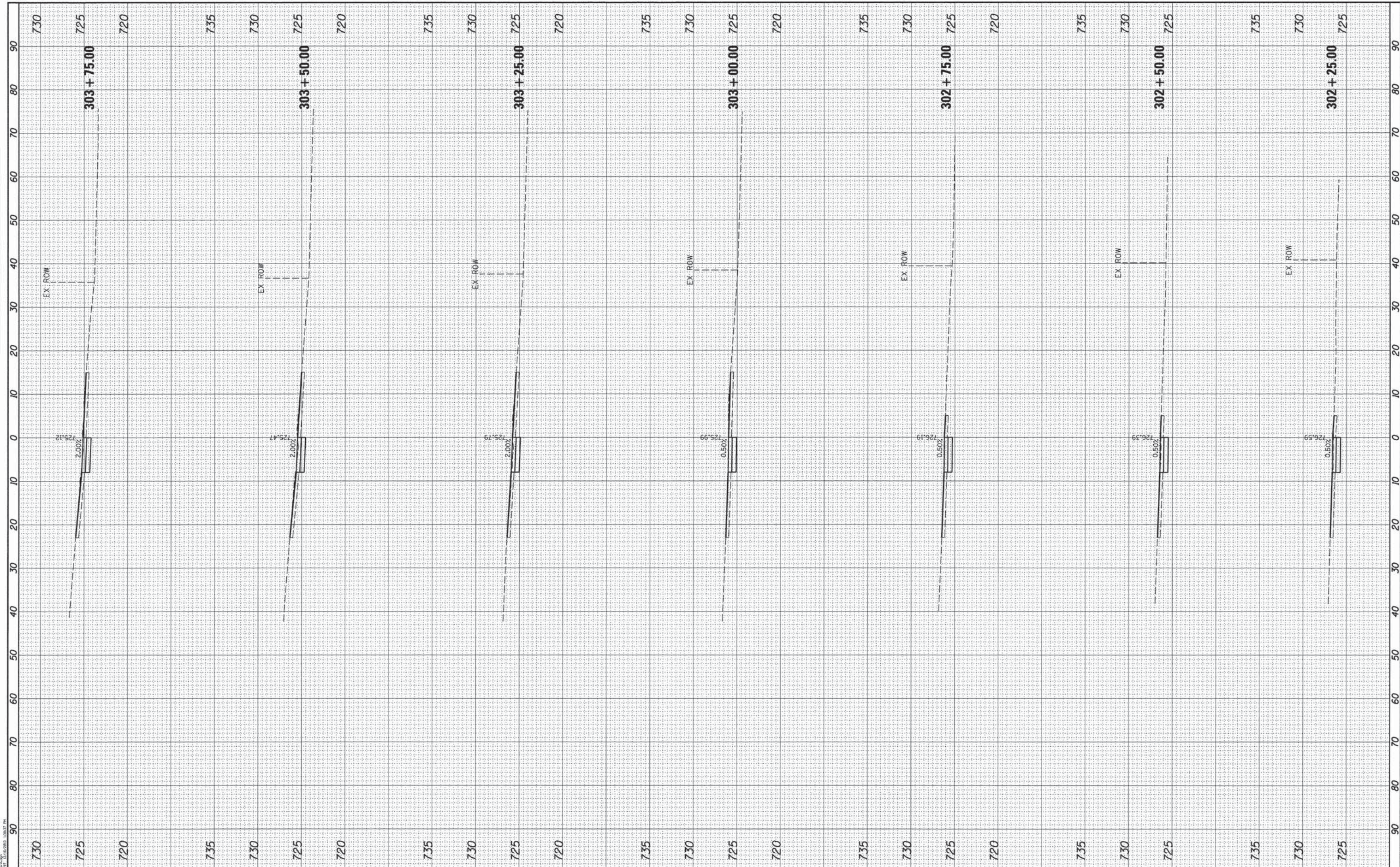
SCALE: SHEET NO. OF SHEETS STA. 300+00.00 TO STA. 302+00.00

**CROSS SECTIONS
 HC STORM SCHOOL**

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	40
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	AREAS CHECKED		



HRGreen, Inc. 12/16/2013
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HRGreen
 Illinois Professional Design Firm
 # 184-011922

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

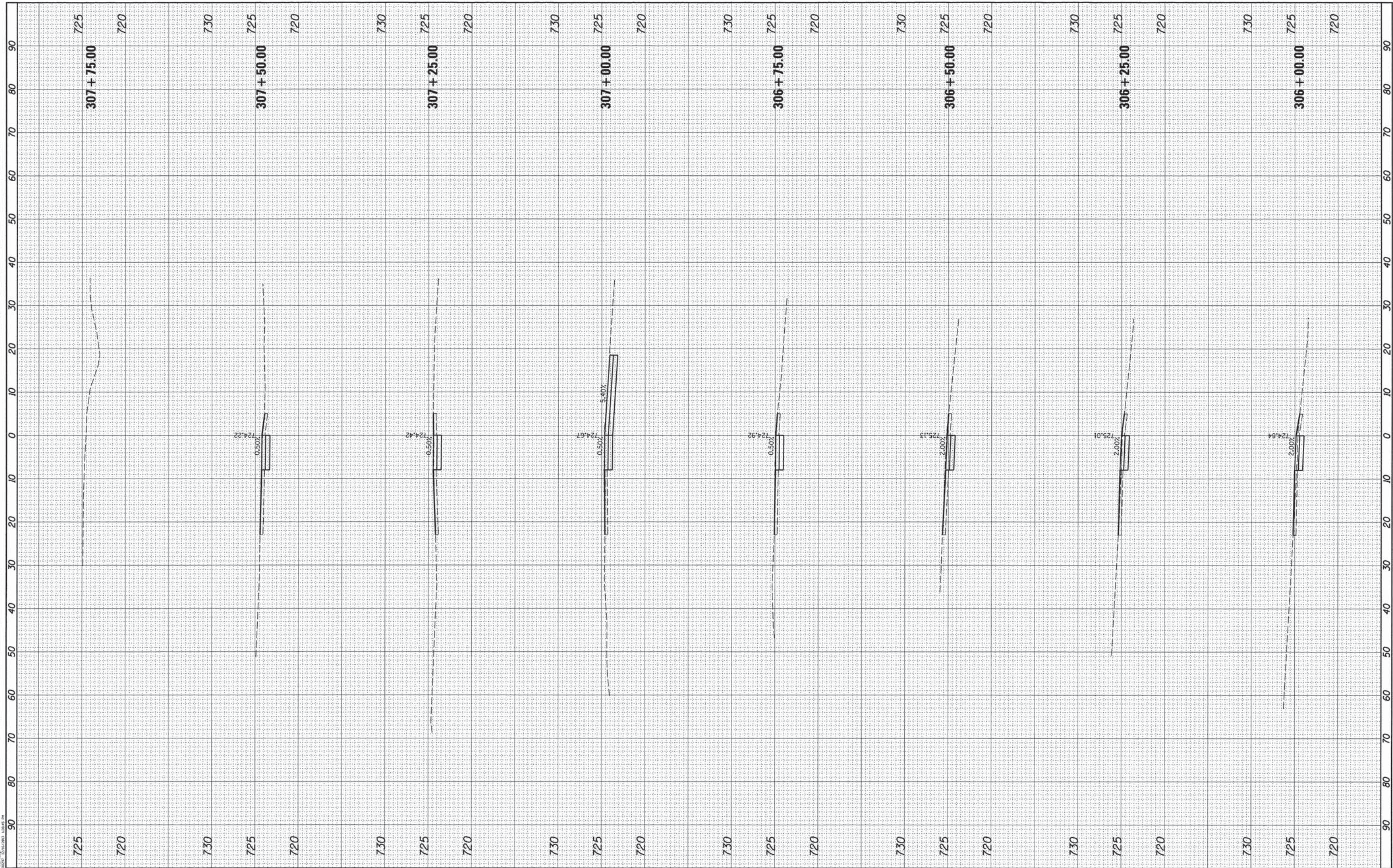
SCALE:	SHEET NO.	OF	SHEETS	STA. 302+25.00	TO	STA. 303+75.00
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**CROSS SECTIONS
 HC STORM SCHOOL**

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	41
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				
CONTRACT NO. 61A11				

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	DATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	DATE		
	AREAS CHECKED		



PROJECT CONTACT: JEFF STINA, P.E.
 IN CHARGE: PAUL W. WILSON, P.E.
 HRGreen

HRGreen.com
 Illinois Professional Design Firm
 #184-001322

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

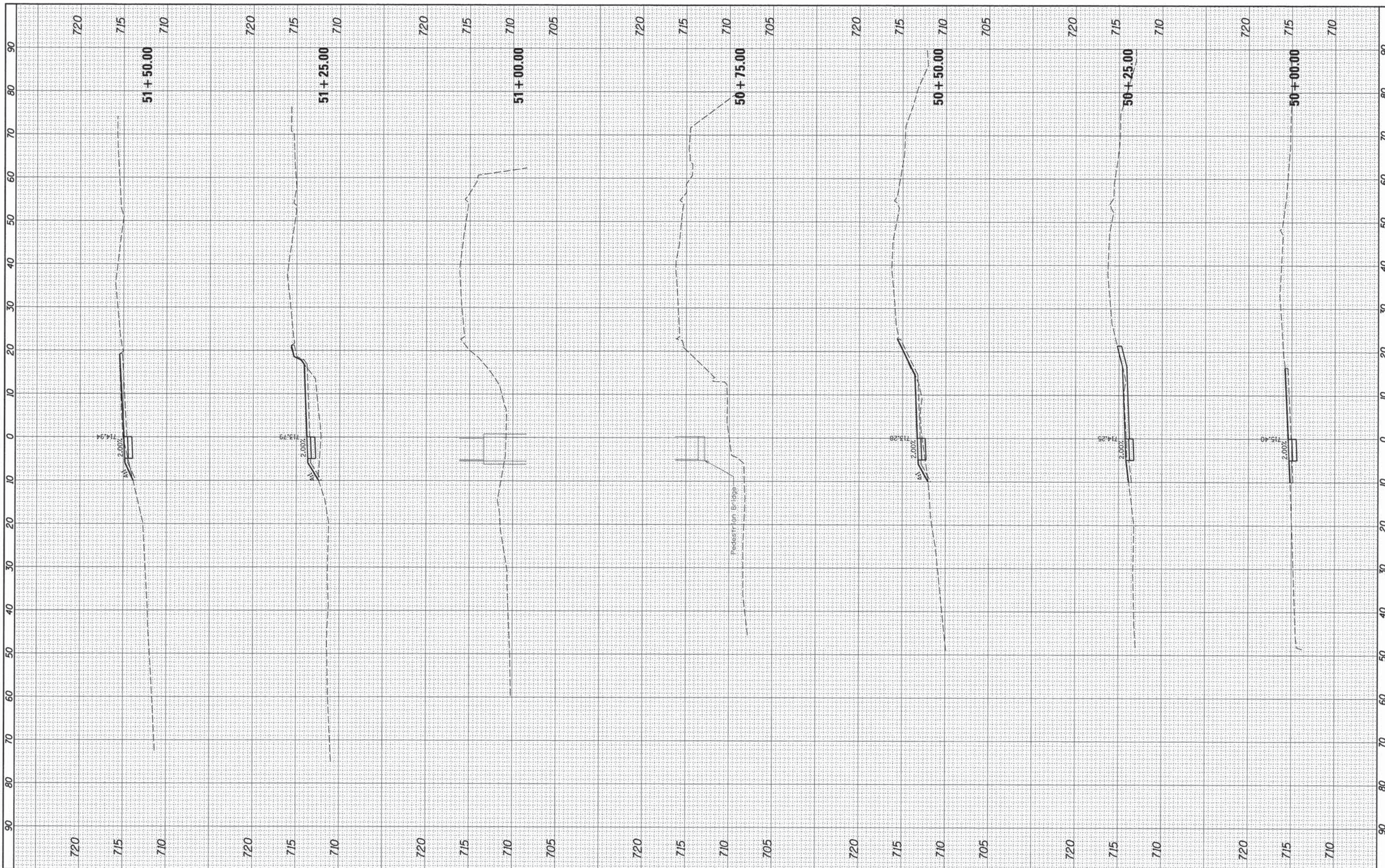
**CROSS SECTIONS
 HC STORM SCHOOL**

SCALE: SHEET NO. OF SHEETS STA. 306+00.00 TO STA. 307+75.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW	KANE	48	43
CONTRACT NO. 61A11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	BY	DATE
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

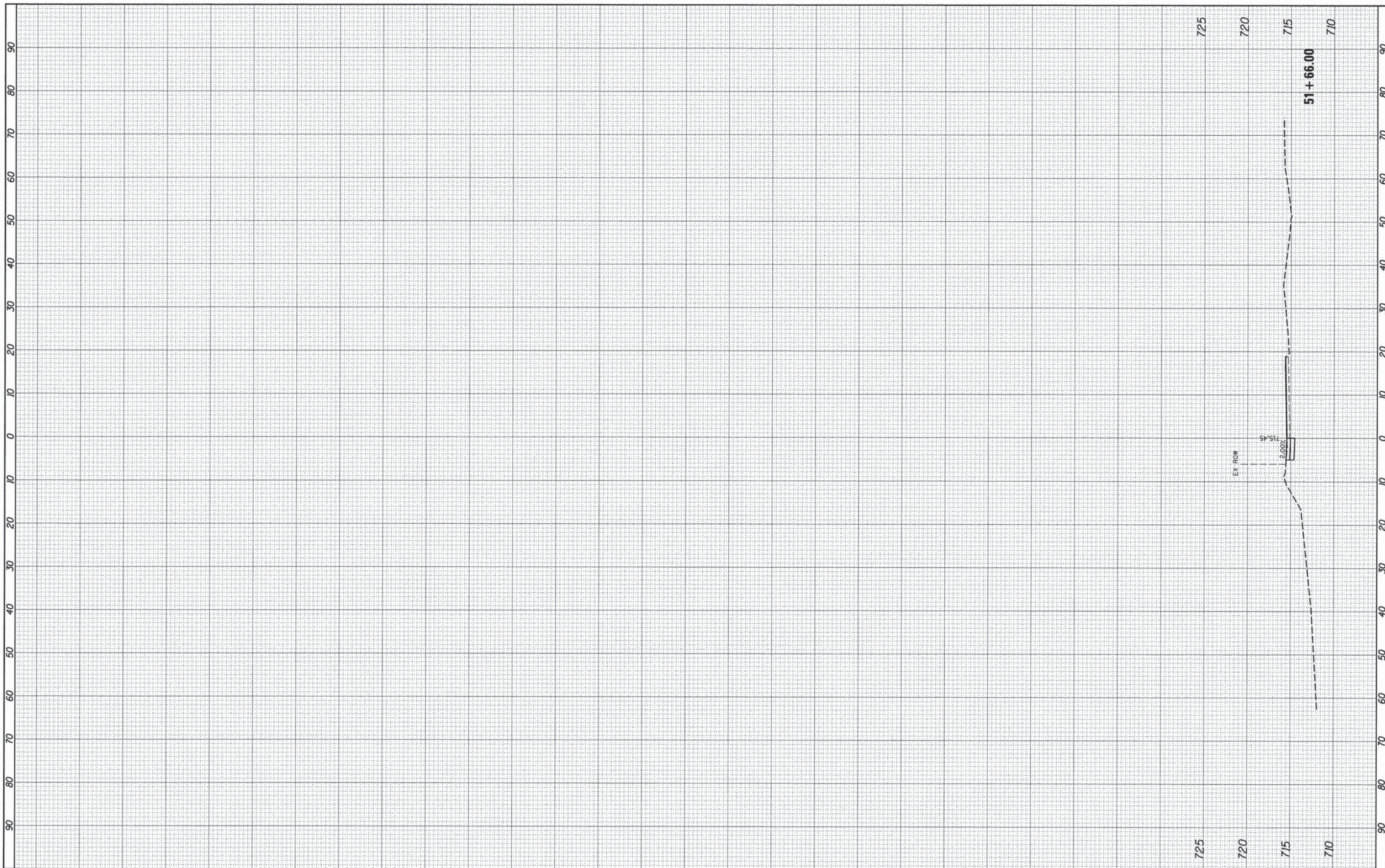
**CROSS SECTIONS
 HART ROAD**

SCALE: SHEET OF SHEETS STA. 50+00.00 TO STA. 51+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW		48	44
CONTRACT NO. 61A11				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	BY	DATE
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	TEMPLATE		
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ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
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DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

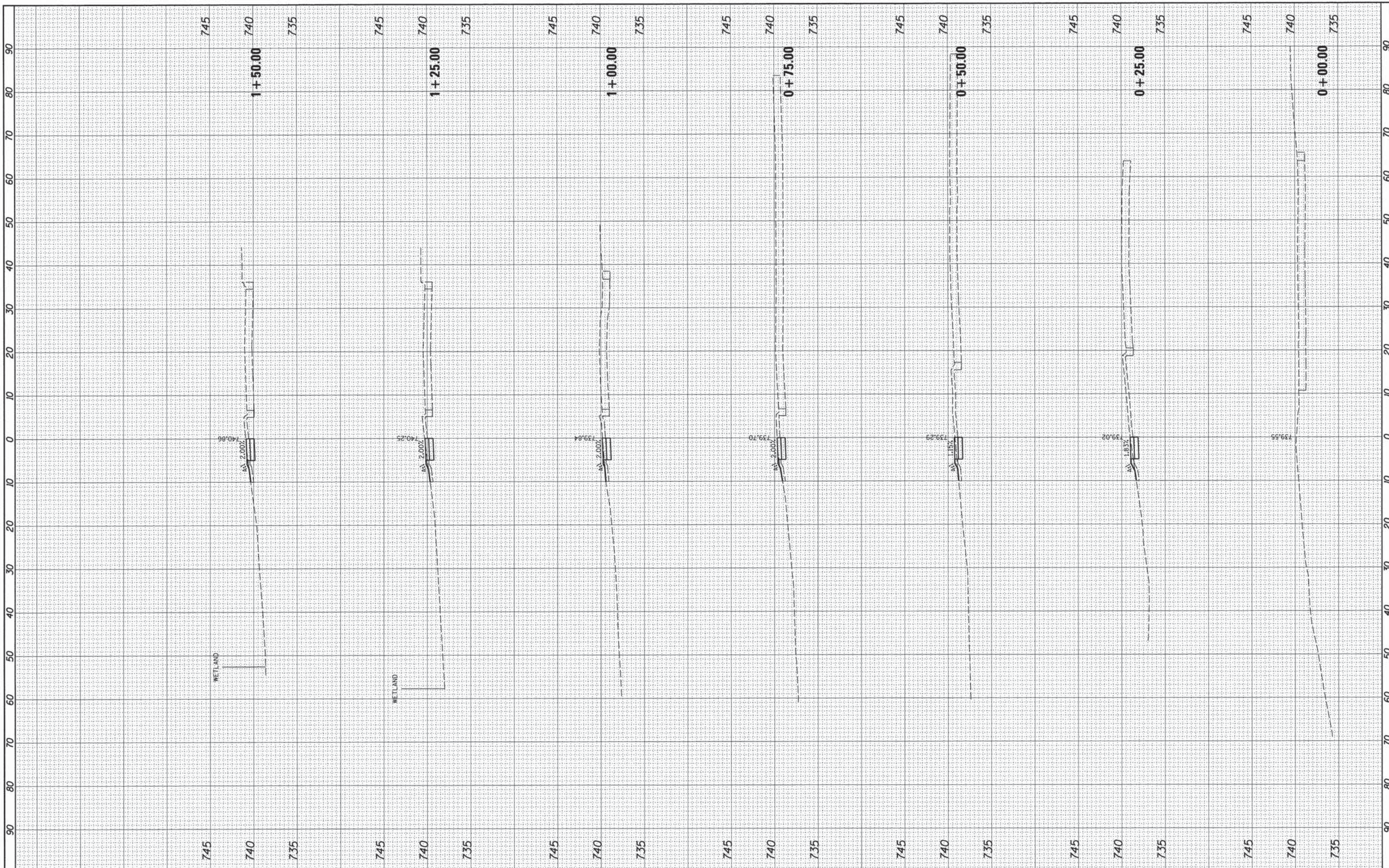
**CROSS SECTIONS
 HART ROAD**

SCALE: SHEET OF SHEETS STA. 51+66.00 TO STA. 51+66.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW		48	45
CONTRACT NO. 61A11				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	BY	DATE
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ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
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	AREAS CHECKED		



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

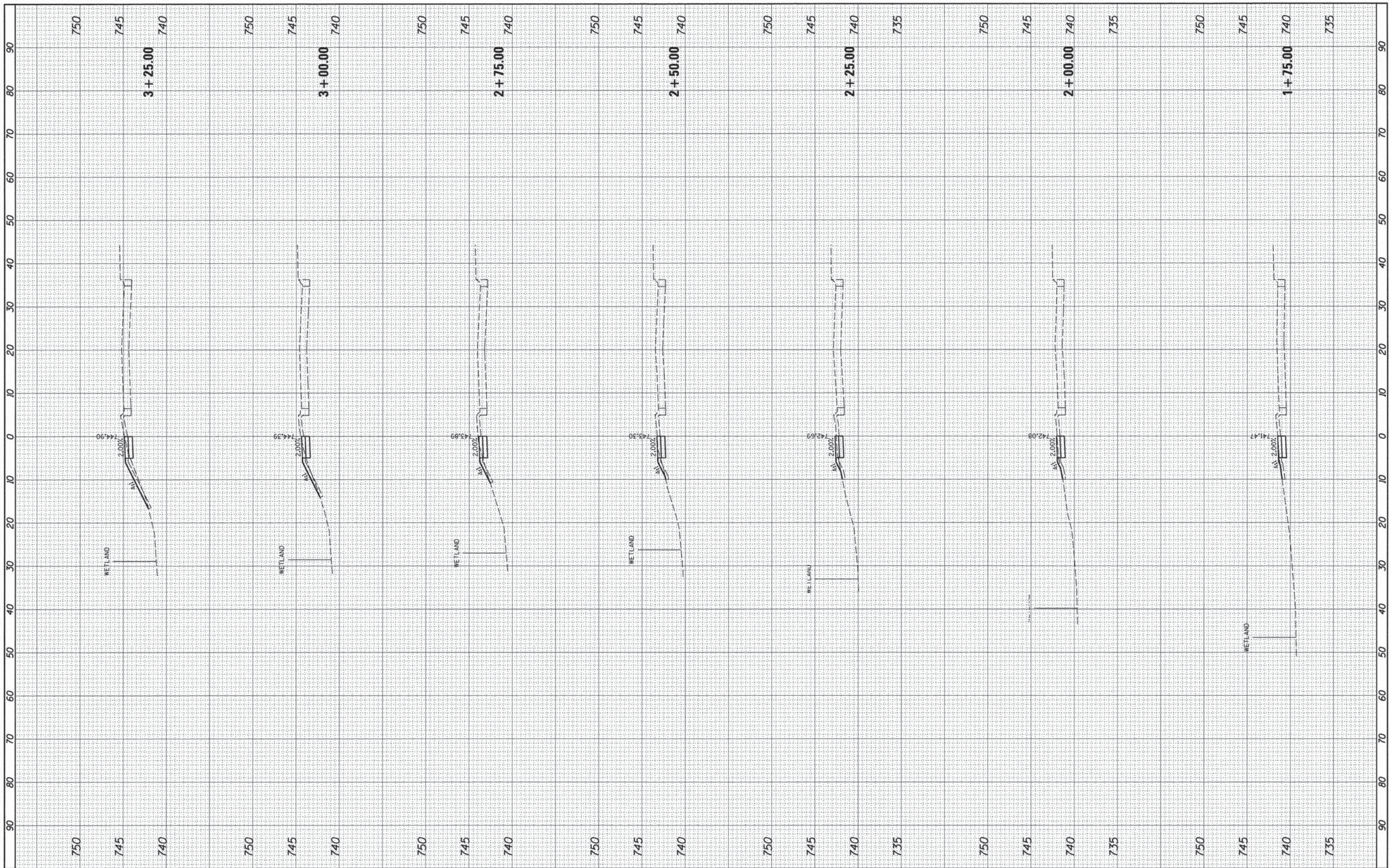
SCALE: SHEET OF SHEETS STA. +00.00 TO STA. 1+50.00

**CROSS SECTIONS
 ROTOLO MIDDLE SCHOOL**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW		48	46
CONTRACT NO. 61A11				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SUBMITTED	BY	DATE
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	AREAS CHECKED		

ORIGINAL SURVEY NO.	SUBMITTED	BY	DATE
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

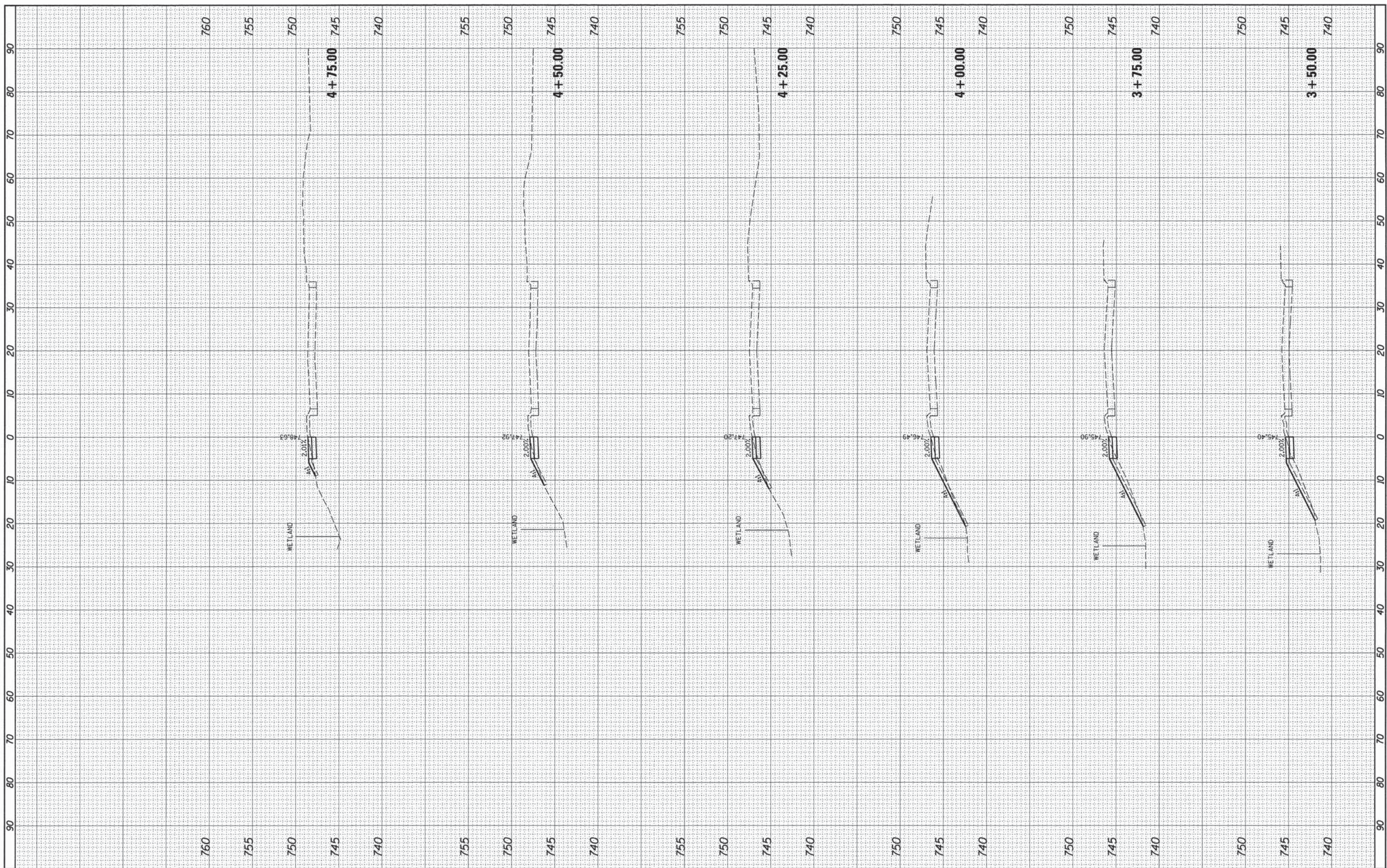
**CROSS SECTIONS
 ROTOLO MIDDLE SCHOOL**

SCALE: SHEET OF SHEETS STA. 1+75.00 TO STA. 3+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW		48	47
CONTRACT NO. 61A11				
ILLINOIS FED. AID PROJECT				

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NO. _____	PLOTTED		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NO. _____	PLOTTED		
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PLOT DATE = 12/16/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
ROTOLO MIDDLE SCHOOL**

SCALE: SHEET OF SHEETS STA. 3+50.00 TO STA. 4+75.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00074-00-SW		48	48
CONTRACT NO. 61A11				
ILLINOIS FED. AID PROJECT				