

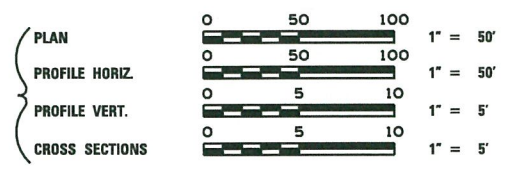
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 93679		

**INDEX OF SHEETS**

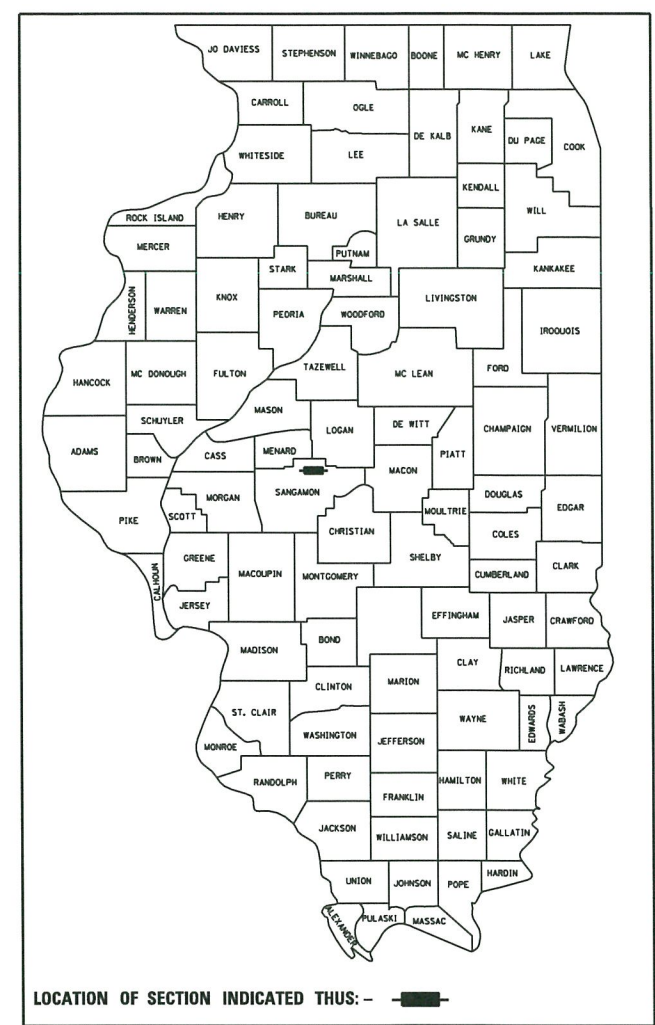
08-03-2018 LETTING ITEM 055

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# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PLANS FOR PROPOSED LOCAL AGENCY IMPROVEMENTS DISCRETIONARY GRANT FUNDS



## SOUTH OLD ROUTE 66 AND WALNUT STREET (CH 31) SECTION 12-00008-00-BR SANGAMON COUNTY VILLAGE OF WILLIAMSVILLE PROJECT HSR-0167(082) JOB NUMBER C-96-207-16

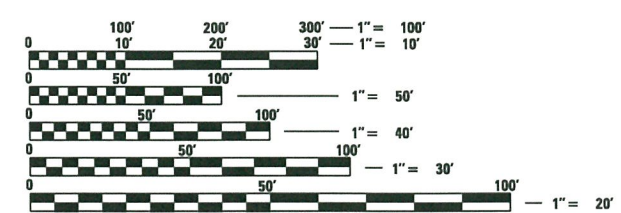


**STANDARDS**

SEE SHEET NO. 2

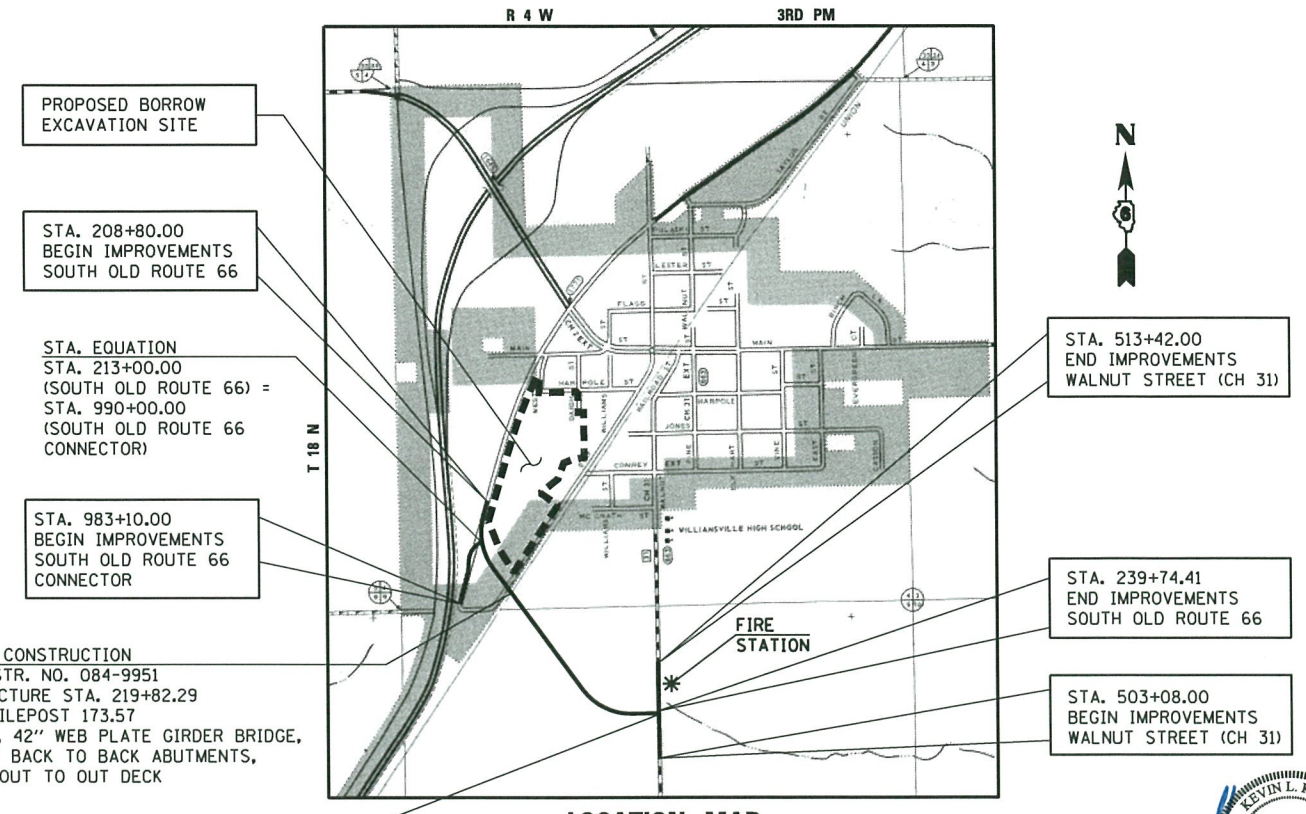
**UTILITIES**

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.

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



BRIDGE CONSTRUCTION  
PROP. STR. NO. 084-9951  
¢ STRUCTURE STA. 219+82.29  
UPRR MILEPOST 173.57  
3 SPAN, 42" WEB PLATE GIRDER BRIDGE,  
330'-0" BACK TO BACK ABUTMENTS,  
39'-7" OUT TO OUT DECK

**LOCATION MAP**  
(NOT TO SCALE)

NET LENGTH OF PROJECT = 4,818.41 FEET = 0.913 MILES

STA. EQUATION  
STA. 239+74.41  
(SOUTH OLD ROUTE 66) =  
STA. 507+99.70  
(WALNUT STREET)

**DESIGN DESIGNATION**  
LOCAL ROAD: ADT < 400  
DESIGN SPEED: 30 MPH



APPROVED *MAY 3 2018*  
VILLAGE PRESIDENT

APPROVED *MAY 4, 2018*  
COUNTY ENGINEER

PASSED *5-15 2018*  
DISTRICT SIX ENGINEER OF LOCAL ROADS & STREETS

Releasing For Bid Based on Limited Review *5-15 2018*  
REGION FOUR ENGINEER

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

**CONTRACT NO. 93679**



KTCE PROJECT: 13001.02

EXPIRES: 11/30/2019

COMPUTER FILE NO. 13001.02-sht-Cover.dgn  
PROJECT 13001.02  
11/14/17 MDS

**STANDARDS**

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
420001-09	PAVEMENT JOINTS
420401-12	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
421001-03	BAR REINFORCEMENT FOR CRC PAVEMENT
424001-10	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424026-02	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
515001-03	NAME PLATE FOR BRIDGES
542001-06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" THRU 84" DIA.
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-03	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542311-07	TRAVERSABLE PIPE GRATE
542401-03	METAL END SECTION FOR PIPE CULVERTS
602301-04	INLET - TYPE A
602401-04	MANHOLE TYPE A
602601-05	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
604011-05	FRAME AND GRATE TYPE 3V
604036-03	GRATE TYPE 8
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-08	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-15	TRAFFIC BARRIER TERMINAL, TYPE 6
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-07	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
821101-02	LUMINAIRE WIRING IN POLE
830001-03	LIGHT POLE ALUMINUM MAST ARM
836001-03	LIGHT POLE FOUNDATION
838001-01	BREAKAWAY DEVICES
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (2-LANE 2 WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)
BLR 24-2	MAILBOX TURNOUT FOR LOCAL ROADS
BLR 26-3	STEEL PLATE BEAM GUARDRAIL 29" HEIGHT

**UTILITIES**

COMPANY	CONTACT NAME	PHONE	E-MAIL
AT&T (TRANSMISSION)	CARL DONAHUE	847-420-9115	CD8729@ATT.COM
AMERENCILCO (NORTH)	KENT KOWALSKE	309-677-5327	
GREENE COUNTY CABLE TV	LANCE ALLEN	217-371-3604 x21745	LANCEALLEN@CASSCOMM.COM
FRONTIER COMMUNICATIONS	CHARLES JENKINS	217-243-0211	CHARLES.JENKINS@FTR.COM
WINDSTREAM KDL, INC.	NETWORK RELOCATIONS	877-366-8344 x2	BRYAN.HANKINS@LEVEL3.COM
MCI	DEAN BOYERS	972-729-6322	
PANHANDLE EASTERN PIPELINE	MIKE COX	217-625-2841 x5511	
SPRINT	JAMES BURTON	708-955-6659	JAMES.BURTON@ERICSSON.COM
VILLAGE OF WILLIAMSVILLE	KENT THOMPSON	217-566-3806	WVILLEPUBLICWORKS@CASSCOMM.COM

**GENERAL NOTES**

**ROADWAY AND DRAINAGE**

- THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THESE PLANS, THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION (INCLUDING ALL ADDITIONS AND ADDENDA), AND THE VILLAGE OF WILLIAMSVILLE SUBDIVISION ORDINANCE, LATEST EDITION. IN CASE OF CONFLICT, THE MORE RESTRICTIVE SPECIFICATIONS SHALL APPLY.
- WHEN SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER OR AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- ALL ELEVATIONS SHOWN REFER TO U.S.G.S. DATUM AT MEAN SEA LEVEL.
- ALL EXCESS EARTH EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR WITHIN THE LIMITS OF THE PROJECT AS DIRECTED BY THE ENGINEER. DISPOSING OF EXCESS EARTH SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- THE CONTRACTOR SHALL TAKE REASONABLE PRECAUTIONS TO PROTECT PUBLIC AND PRIVATE PROPERTY. IF, AT ANY TIME, HE DAMAGES OR DESTROYS PUBLIC OR PRIVATE PROPERTY, THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, RESTORE SUCH PROPERTY TO A CONDITION EQUAL TO THAT EXISTING BEFORE SUCH DAMAGE.
- THE OWNER WILL PROCURE ALL CONSTRUCTION PERMITS. THE CONTRACTOR SHALL GIVE ALL NOTICES NECESSARY AND INCIDENTAL TO THE DUE AND LAWFUL PROSECUTION OF THE WORK.
- ACCESS TO ALL ENTRANCES SHALL BE MAINTAINED AT ALL TIMES. SPECIAL ATTENTION IS CALLED TO THE FIRE STATION ENTRANCE AT STA. 510+26, LT. ON WALNUT STREET.
- ALL TRENCHES SHALL BE BACKFILLED WITH TRENCH BACKFILL IN ACCORDANCE WITH SECTION 208 OF THE STANDARD SPECIFICATIONS. THE AREA BETWEEN BACK TO BACK OF CURB SHALL BE CAPPED WITH 12" OF CA-6. THE TRENCH BACKFILL AND CA-6 SHALL BE INCLUDED IN THE UNIT PRICE BID FOR TRENCH BACKFILL. TRENCH BACKFILL SHALL BE PLACED IN LAYERS NOT EXCEEDING SIX (6) INCHES IN DEPTH AND THEN COMPACTED TO THE SATISFACTION OF THE CITY ENGINEER FOR THE VILLAGE OF WILLIAMSVILLE.
- A MINIMUM OF 1700 POUND MARSHALL STABILITY IS REQUIRED FOR THE HOT-MIX ASPHALT BINDER COURSE AND HOT-MIX ASPHALT SURFACE COURSE.
- THE USE OF BOILER SLAG FOR EMBEDMENT AND/OR BACKFILL OF ALL SEWERS WILL NOT BE ALLOWED.
- THE CONTRACTOR SHALL FURNISH ALL CONSTRUCTION SIGNS AND BARRICADES AS REQUIRED.
- WHEREVER A STORM SEWER CROSSES A WATER MAIN, THE CONTRACTOR SHALL MAINTAIN 18" MINIMUM VERTICAL CLEARANCE BETWEEN THE CROWN OF THE WATER MAIN AND THE INVERT OF THE STORM SEWER, AND SHALL PROVIDE ASTM C443 RUBBER RING JOINTS FOR THE STORM SEWER FOR 10 FEET ON EACH SIDE OF THE CROSSING.
- THE CONTRACTOR SHALL COORDINATE WITH THE VILLAGE FOR ALL WATERMANS CROSSINGS.
- ALL FIELD TILE ENCOUNTERED DURING CONSTRUCTION SHALL BE RELOCATED OR REPAIRED TO THE SATISFACTION OF THE VILLAGE. THE ENGINEER SHALL BE NOTIFIED OF ANY FIELD TILE ENCOUNTERED. NO BIDS ARE REQUIRED FOR PERFORMING THIS WORK. ACCURATE TIME AND MATERIAL RECORDS SHALL BE KEPT FOR PAYMENT PURPOSES.

- THE CONTRACTOR WILL BE REQUIRED TO INSTALL UTILITY CONDUITS AS MANDATED BY THE AGENCY REQUESTING THEM. NO BIDS ARE REQUIRED FOR PERFORMING THIS WORK. ACCURATE TIME AND MATERIAL RECORDS SHALL BE KEPT FOR PAYMENT PURPOSES.
- WHERE SPECIFIED, STORM SEWER WITH WATER TIGHT SEALS SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT BID PRICE FOR STORM SEWERS OF THE TYPE AND SIZE INDICATED.
- THE CONTRACTOR SHALL DISPOSE OF SPOIL MATERIAL FROM PAVEMENT REMOVAL BY INCORPORATING IT INTO THE ROADWAY EMBANKMENT IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATIONS. ANY SPOIL MATERIAL NOT MEETING THE REQUIREMENTS OF SECTION 205 SHALL BE DISPOSED OF BY THE CONTRACTOR OFFSITE AT NO ADDITIONAL COST TO THE CONTRACT.
- ALL DISTURBED AREAS SHALL BE FERTILIZED, SEEDED AND MULCHED. THIS WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 250 AND 251 OF THE STANDARD SPECIFICATIONS AND THESE PROVISIONS. FERTILIZER NUTRIENTS SHALL BE APPLIED AT A RATE OF 270 POUNDS OF ACTUAL NUTRIENTS PER ACRE AND SHALL BE READY MIXED MATERIAL HAVING A RATIO OF 1-1-1. MULCH METHOD 2 SHALL BE PLACED AT THE RATE OF 2 TONS PER ACRE. THIS WORK SHALL BE PAID FOR AT THE CONTRACT BID UNIT PRICE PER ACRE FOR SEEDING OF THE CLASS SPECIFIED, WHICH PRICE SHALL INCLUDE ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED TO PREPARE THE SEEDBED, FURNISH AND PLACE THE SEED, FURNISH AND PLACE THE FERTILIZER NUTRIENTS AND FURNISH AND PLACE THE MULCH.
- THE LOCATIONS OF THOSE BURIED AND ABOVEGROUND UTILITIES SHOWN ARE APPROXIMATE, ARE SHOWN FOR CONTRACTOR INFORMATION USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVEGROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVEGROUND UTILITIES, REMAINS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. CALL JULIE 1-800-892-0123 PRIOR TO CONSTRUCTION.
- SUMMARY OF QUANTITIES FOR MAJOR CONSTRUCTION ITEMS ARE INTENDED AS A GUIDE FOR THE CONTRACTOR TO DETERMINE THE SCOPE OF THE COMPLETED PROJECT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALL QUANTITIES OF MATERIAL AND EQUIPMENT REQUIRED TO PROVIDE A COMPLETE PROJECT. NO CLAIMS FOR EXTRA WORK WILL BE RECOGNIZED DUE TO REASONABLE VARIATIONS IN THE QUANTITIES.
- THE FOLLOWING APPLICATION RATES WERE USED IN THE DEVELOPMENT OF PLAN QUANTITIES:

COARSE AGGREGATE	2.05 TONS/CU YD
HOT-MIX ASPHALT	112 LB/SQ YD/INCH
BIT. MATLS (PRIME COAT)	0.25 LB/SQ FT
BIT. MATLS (TACK COAT)	0.05 LB/SQ FT

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PLOT DATE = 3/9/2018	DATE - 11/03/17	REVISED -

<b>VILLAGE OF WILLIAMSVILLE SOUTH OLD ROUTE 66 OVERPASS</b>	
SCALE: N.A.	SHEET NO. 1 OF 2 SHEETS

<b>HIGHWAY STANDARDS, UTILITIES AND GENERAL NOTES</b>	
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	2
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				



**GENERAL NOTES (CONT.)**

22. ALL SUMP PUMP DRAIN OUTLETS ENCOUNTERED OR LOCATED DURING CONSTRUCTION SHALL BE REPORTED TO THE ENGINEER. ANY DRAINS REQUIRING ADJUSTMENT TO MAINTAIN POSITIVE FLOW SHALL BE ADJUSTED TO THE SATISFACTION OF THE ENGINEER. NO BIDS ARE REQUIRED FOR PERFORMING THIS WORK. ACCURATE TIME AND MATERIAL RECORDS SHALL BE KEPT FOR PAYMENT PURPOSES.

23. IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16, THE CONTRACTOR SHALL PROTECT THE SURFACE OF THE BRIDGE DECK AND BRIDGE APPROACH PAVEMENT IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE.

24. ONLY THOSE TREES LISTED FOR REMOVAL IN THE PLANS OR DESIGNATED BY THE ENGINEER SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL OTHER TREES, PLANTS OR WETLANDS FROM DAMAGE AT NO ADDITIONAL COST TO THE CONTRACT.

25. SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE CONTACT FOR UNION PACIFIC RAILWAY IS:

JORDAN ALBERS  
MANAGER OF INDUSTRY AND PUBLIC PROJECTS  
UNION PACIFIC RAILROAD  
100 N. BROADWAY AVENUE, SUITE 1500  
ST. LOUIS, MO  
314-331-0682

**TRAFFIC CONTROL PLAN**

TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE APPLICABLE GUIDELINES CONTAINED IN THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, THESE PROVISIONS, AND ANY SPECIAL DETAILS CONTAINED HEREIN AND IN THE PLANS.

SPECIAL ATTENTION IS CALLED TO ARTICLE 107.09 AND SECTION 701 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE FOLLOWING HIGHWAY STANDARDS RELATING TO TRAFFIC CONTROL:

701001, 701006, 701011, 701301, 701311, 701501, 701901, BLR 21, BLR 22

ALL ADVANCE WARNING SIGNS SHALL BE NEW OR IN LIKE NEW CONDITION AT THE START OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRAFFIC CONTROL DEVICES AT ALL TIMES DURING CONSTRUCTION ACTIVITIES AND SHALL COORDINATE THE ITEMS OF WORK TO KEEP TRAFFIC HAZARDS AND INCONVENIENCES TO A MINIMUM.

"ROAD CONSTRUCTION AHEAD" SIGNS (W20-I103(O)-48) SHALL BE FURNISHED AND ERECTED AT EACH END OF THE PROJECT, AND AT EACH SIDE ROAD WITHIN THE LIMITS OF THE PROJECT WHILE WORKING IN THE VICINITY OF THE SIDE ROAD INTERSECTION. SIDE ROAD SIGNING MAY BE SKID MOUNTED.

"SHOULDER DROP OFF" SIGNS (W21-I103) SHALL BE ERECTED WHEN CONSTRUCTION OPERATIONS RESULT IN A TEMPORARY DROP-OFF AT THE EDGE OF OPEN TRAFFIC LANES.

ALL FLAGGERS, SIGNS, MARKINGS, BARRICADES AND OTHER TRAFFIC CONTROL REQUIRED BY THESE PLANS, PROVISIONS AND AS DIRECTED BY THE ENGINEER WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE PAID FOR AT THE CONTRACT LUMP SUM BID PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).

**TEMPORARY EROSION CONTROL NOTES**

**GENERAL**

1. THE EROSION CONTROL PLANS ARE INCLUDED TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.

2. PLACEMENT AND MAINTENANCE OF TEMPORARY EROSION CONTROL SYSTEMS WILL BE UTILIZED THROUGHOUT THE CONSTRUCTION WORK ZONE AS SOON AS POSSIBLE TO STABILIZE EXPOSED SOILS AND PREVENT ON-SITE DAMAGE. THIS WORK MAY BE CONSTRUCTED OF HAY OR STRAW BALES, SILT FILTER FENCE, SEEDING, OR OTHER APPROPRIATE METHODS AND MATERIALS, SEPARATELY OR IN COMBINATION AS APPROVED BY THE ENGINEER.

3. EROSION CONTROL DEVICES SHALL BE IN PLACE AND APPROVED BY THE ENGINEER AS TO PROPER PLACEMENT AND INSTALLATION PRIOR TO BEGINNING OTHER WORK.

4. THE CONTRACTOR SHALL PLACE PERMANENT SEEDING WITHIN A REASONABLE AMOUNT OF TIME.

5. THE ENGINEER WILL DETERMINE WHEN TEMPORARY EROSION CONTROL SYSTEMS SHOWN ON THE PLAN MAY BE MOVED TO A DIFFERENT LOCATION OR DELETED.

6. THE WORK SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

7. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001.

8. TEMPORARY EROSION CONTROL SYSTEMS ARE NOTED ON THE EROSION CONTROL PLAN SHEETS. THE PLAN MAY INCLUDE THE FOLLOWING:

- a. TEMPORARY DITCH CHECKS
- b. PERIMETER EROSION BARRIER
- c. INLET AND PIPE PROTECTION
- d. TEMPORARY EROSION CONTROL SEEDING

9. THE EROSION CONTROL PLANS INCLUDE INSPECTIONS TO BE PERFORMED BY THE ENGINEER EVERY 7 CALENDAR DAYS OR WITHIN 24 HOURS OF A 0.5 INCH RAIN OR EQUIVALENT SNOWFALL.

**PRIOR TO CONSTRUCTION**

1. PRIOR TO PERFORMING CONSTRUCTION ACTIVITIES RESULTING IN LAND DISTURBANCE, THE CONTRACTOR SHALL INSTALL ITEMS (IF SPECIFIED ON THE PLANS OR AS DIRECTED BY THE ENGINEER) INTENDED TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. THE ITEMS MAY INCLUDE THE FOLLOWING TEMPORARY EROSION CONTROL SYSTEMS:

- a. TEMPORARY DITCH CHECKS
- b. INLET AND PIPE PROTECTION
- c. PERIMETER EROSION BARRIER

**DURING CONSTRUCTION**

1. DURING CONSTRUCTION, THE CONTRACTOR SHALL:

- a. CLEAN UP AND GRADE THE WORK AREA TO ELIMINATE CONCENTRATION OF RUNOFF.
- b. INSTALL TEMPORARY DITCH CHECKS AT LOCATIONS SPECIFIED IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
- c. INSTALL INLET AND PIPE PROTECTION AT LOCATIONS SPECIFIED IN THE PLANS OR AS DIRECTED BY THE ENGINEER FOR CULVERTS AND INLETS AS THEY ARE INSTALLED AND AS WORK PROCEEDS.
- d. INSTALL PERIMETER EROSION BARRIER AT LOCATIONS SPECIFIED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- e. COVER THE OPEN ENDS OF PIPES IN TRENCHES AT THE CLOSE OF EACH WORKING DAY.
- f. PERFORM TEMPORARY EROSION CONTROL SEEDING AS SPECIFIED IN ARTICLE 280.04(f) OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

2. THE CONTRACTOR SHALL MAINTAIN OR REPLACE (IF SPECIFIED BY THE ENGINEER) SEDIMENT CONTROL ITEMS.

a. THE TEMPORARY EROSION CONTROL SYSTEMS INSTALLED BY THE CONTRACTOR SHALL BE PROPERLY MAINTAINED AS DIRECTED BY THE ENGINEER TO CONTROL SILTATION AT ALL TIMES DURING THE LIFE OF THE CONTRACT. THIS WORK SHALL INCLUDE REPAIR OF THE VARIOUS SYSTEMS, REMOVAL OF TRAPPED SEDIMENT AND CLEANING OF ANY SILT FILTER FABRIC AND HAY OR STRAW BALES.

b. IF THE CONTRACTOR FAILS TO MAINTAIN THE TEMPORARY EROSION CONTROL SYSTEMS AS DIRECTED BY THE ENGINEER, THE ENGINEER MAY AT THE EXPIRATION OF A PERIOD OF 48 HOURS, AFTER HAVING GIVEN THE CONTRACTOR WRITTEN NOTICE, PROCEED TO MAINTAIN THE SYSTEMS AS DEEMED NECESSARY, AND THE COST THEREOF WILL BE DEDUCTED FROM ANY COMPENSATION DUE, OR WHICH MAY BECOME DUE TO THE CONTRACTOR UNDER THIS CONTRACT.

**PRIOR TO LANDSCAPING/RESTORATION**

1. IMMEDIATELY PRIOR TO LANDSCAPING/RESTORATION WORK, THE CONTRACTOR SHALL:

- a. REMOVE AND DISPOSE OF SILT RETAINED BY THE TEMPORARY DITCH CHECKS, REINSTALL THE TEMPORARY DITCH CHECKS AFTER CLEANING, AND REMOVE AND REPLACE PLUGGED OR DAMAGED HAY OR STRAW BALES.
- b. REMOVE AND DISPOSE OF SILT RETAINED BY THE PERIMETER EROSION BARRIER, REINSTALL THE PERIMETER EROSION BARRIER AFTER CLEANING, AND REMOVE AND REPLACE PLUGGED OR DAMAGED SILT FILTER FENCE.

**FOLLOWING LANDSCAPING/RESTORATION**

1. AFTER LANDSCAPING/RESTORATION WORK, THE CONTRACTOR SHALL MAINTAIN OR REPLACE (IF SPECIFIED BY THE ENGINEER) SEDIMENT CONTROL ITEMS.

**VEGETATION ESTABLISHED**

1. AFTER THE VEGETATION IS ESTABLISHED IN THE DISTURBED AREA, THE CONTRACTOR SHALL:

- a. REMOVE THE REMAINING SEDIMENT CONTROL ITEMS AS DIRECTED BY THE ENGINEER.
- b. RESTORE THE AREAS DISTURBED BY THE SEDIMENT CONTROL ITEMS BY PERMANENT SEEDING AND MULCHING.

**STORM WATER POLLUTION PREVENTION PLAN NOTES**

1. ALL ITEMS SHALL BE CONSTRUCTED AS DETAILED IN THESE PLANS, ON STANDARD 280001, AND AS DIRECTED BY THE ENGINEER.

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**KUHN & TRELLO**  
CONSULTING ENGINEERS  
A Limited Liability Company  
109 N. 7th Street, 3rd Floor  
Springfield, IL 62702  
Phone: 217-628-0244  
Professional Design Firm No. 184-006516

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PLOT DATE = 3/9/2018	DATE - 8/24/17	REVISED -

**VILLAGE OF WILLIAMSVILLE  
SOUTH OLD ROUTE 66 OVERPASS**

**GENERAL NOTES**

SCALE: N.A. SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	3
<b>CONTRACT NO. 93679</b>				
ILLINOIS FED. AID PROJECT				

**SUMMARY OF QUANTITIES**

PAY ITEM	ITEM	UNIT	TOTAL
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	240
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	228
20100500	TREE REMOVAL, ACRES	ACRE	1.0
* 20200100	EARTH EXCAVATION	CU YD	3,400
20200500	EARTH EXCAVATION (WIDENING)	CU YD	800
* 20400100	BORROW EXCAVATION	CU YD	305,870
20800150	TRENCH BACKFILL	CU YD	138
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	4,380
28000305	TEMPORARY DITCH CHECKS	FOOT	225
28000400	PERIMETER EROSION BARRIER	FOOT	8,210
28000500	INLET AND PIPE PROTECTION	EACH	29
28100105	STONE RIPRAP, CLASS A3	SQ YD	74
28200200	FILTER FABRIC	SQ YD	74
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	1,305
31101900	SUBBASE GRANULAR MATERIAL, TYPE C	TON	145
35100100	AGGREGATE BASE COURSE, TYPE A	TON	7,870
35101400	AGGREGATE BASE COURSE, TYPE B	TON	60
35501304	HOT-MIX ASPHALT BASE COURSE, 5"	SQ YD	1,140
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	26,840
* 40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1,240
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	400
* 40600990	TEMPORARY RAMP	SQ YD	38
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	2,390
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1,320
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	40
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	200
42400100	PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH	SQ FT	15,240
42400800	DETECTABLE WARNINGS	SQ FT	30
44000100	PAVEMENT REMOVAL	SQ YD	1,225
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	495

\* SPECIAL PROVISION

# SPECIALTY ITEM

**SUMMARY OF QUANTITIES**

PAY ITEM	ITEM	UNIT	TOTAL
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	22
48101500	AGGREGATE SHOULDERS, TYPE B, 6"	SQ YD	1,255
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	420
50105220	PIPE CULVERT REMOVAL	FOOT	330
50200100	STRUCTURE EXCAVATION	CU YD	420
50300225	CONCRETE STRUCTURES	CU YD	250.8
50300255	CONCRETE SUPERSTRUCTURE	CU YD	500.6
50300260	BRIDGE DECK GROOVING	SQ YD	1,295
50300300	PROTECTIVE COAT	SQ YD	1,905
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1
50500505	STUD SHEAR CONNECTORS	EACH	4,500
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	149,640
# 50900105	ALUMINUM RAILING, TYPE L	FOOT	210
# 50901730	BRIDGE FENCE RAILING	FOOT	240
51100100	SLOPE WALL 4 INCH	SQ YD	669
51201600	FURNISHING STEEL PILES HP12X53	FOOT	2,920
51202305	DRIVING PILES	FOOT	2,920
51203600	TEST PILE STEEL HP12X53	EACH	4
51204650	PILE SHOES	EACH	54
51500100	NAME PLATES	EACH	1
52000110	PREFORMED JOINT STRIP SEAL	FOOT	84
52100520	ANCHOR BOLTS, 1"	EACH	72
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	2
54010402	PRECAST CONCRETE BOX CULVERTS 4' X 2'	FOOT	88
54010502	PRECAST CONCRETE BOX CULVERTS 5' X 2'	FOOT	64
* 54262712	METAL FLARED END SECTIONS 12"	EACH	10
* 54262715	METAL FLARED END SECTIONS 15"	EACH	2
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	6
* 54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTIONS	FOOT	32

\* SPECIAL PROVISION

# SPECIALTY ITEM

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**VILLAGE OF WILLIAMSVILLE  
SOUTH OLD ROUTE 66 OVERPASS**

**SUMMARY OF QUANTITIES**

SCALE: N.A. SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 93679	



**SUMMARY OF QUANTITIES**

PAY ITEM	ITEM	UNIT	TOTAL
54261324	CONCRETE END SECTIONS, STANDARD 542001, 24", 1:3	EACH	3
54261424	CONCRETE END SECTIONS, STANDARD 542001, 24", 1:4	EACH	1
542A0229	PIPE CULVERTS, CLASS A, TYPE 1, 24"	FOOT	139
542A1069	PIPE CULVERTS, CLASS A, TYPE 2, 24"	FOOT	61
542A3379	PIPE CULVERTS, CLASS A, TYPE 5, 24"	FOOT	162
542D0220	PIPE CULVERTS, CLASS D, TYPE 1, 15"	FOOT	16
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	319
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	91
60100945	PIPE DRAINS 12"	FOOT	593
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	4
60260100	INLETS TO BE ADJUSTED	EACH	1
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	2
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	5,367
61100500	EXPLORATION TRENCH 52" DEPTH	FOOT	135
61100605	MISCELLANEOUS CONCRETE	CU YD	1.0
61101009	STORM SEWERS PROTECTED, CLASS A, 8"	FOOT	135
61133100	FIELD TILE JUNCTION VAULTS, 2' DIA.	EACH	1
# 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	75
# 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4
# 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	18
67100100	MOBILIZATION	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	496
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	187.2
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	40,996
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	414
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	114
# 72000100	SIGN PANEL - TYPE 1	SQ FT	65
# 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
# 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	159.5

\* SPECIAL PROVISION  
# SPECIALTY ITEM

**SUMMARY OF QUANTITIES**

PAY ITEM	ITEM	UNIT	TOTAL
# 78001100	PAINT PAVEMENT MARKING - LETTERS & SYMBOLS	SQ FT	93.6
# 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	20,498
# 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	68
# 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	207
# 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	57
# X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	14.6
* X4201410	BRIDGE APPROACH PAVEMENT CONNECTOR (SPECIAL)	SQ YD	54
* X5030305	CONCRETE WEARING SURFACE, 5"	SQ YD	262
* X5040100	PRECAST BRIDGE APPROACH SLAB	SQ FT	2,275
* X5210140	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 350K	EACH	12
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	167
X6020074	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH	16
* X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1
# * X8250500	LIGHT UNIT COMPLETE, SPECIAL	EACH	2
* XX000856	MAILBOX REMOVAL AND RELOCATION	EACH	1
# * XX009225	STREET SIGN COMPLETE	EACH	2
* Z0000100	ABANDON EXISTING CULVERT	EACH	1
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	2
* Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	5,845
* Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	156
* Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1
# * Z0051500	REMOVING AND RESETTNG STREET SIGNS	EACH	7
Δ * Z0076600	TRAINEES	hour	2,000
Δ * Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	hour	2,000

\* SPECIAL PROVISION  
# SPECIALTY ITEM

Δ 0042

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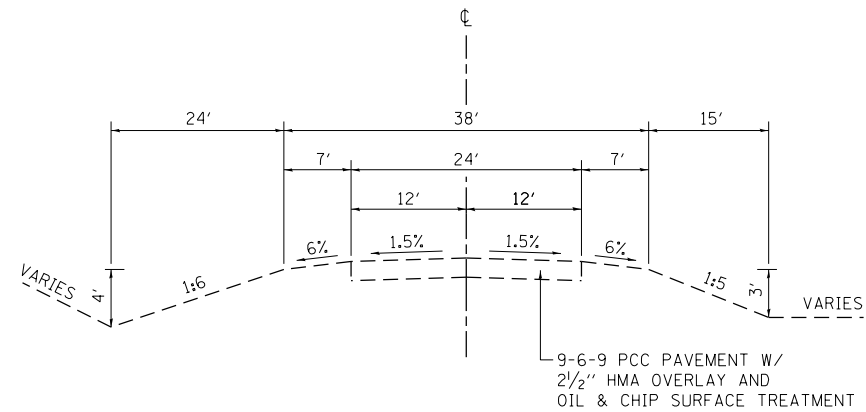
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**VILLAGE OF WILLIAMSVILLE  
SOUTH OLD ROUTE 66 OVERPASS**

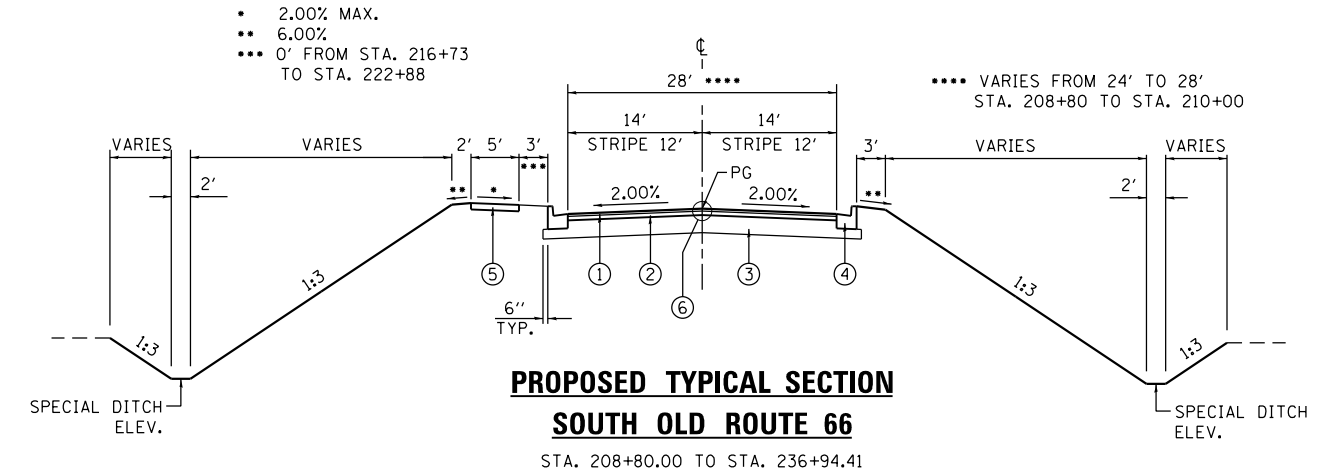
**SUMMARY OF QUANTITIES**

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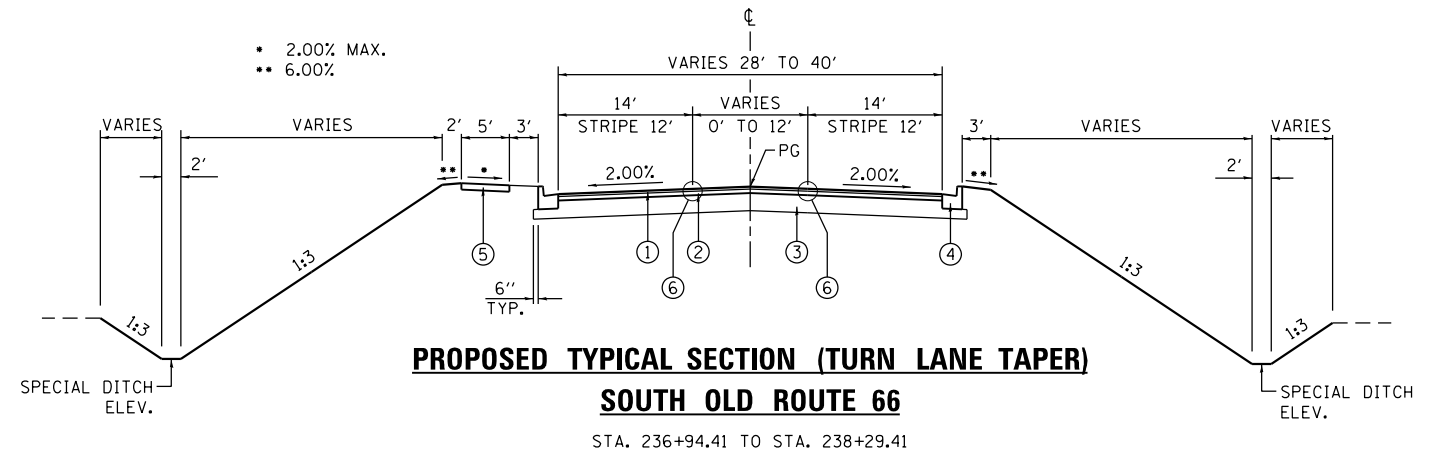
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CONTRACT NO. 93679			ILLINOIS FED. AID PROJECT	



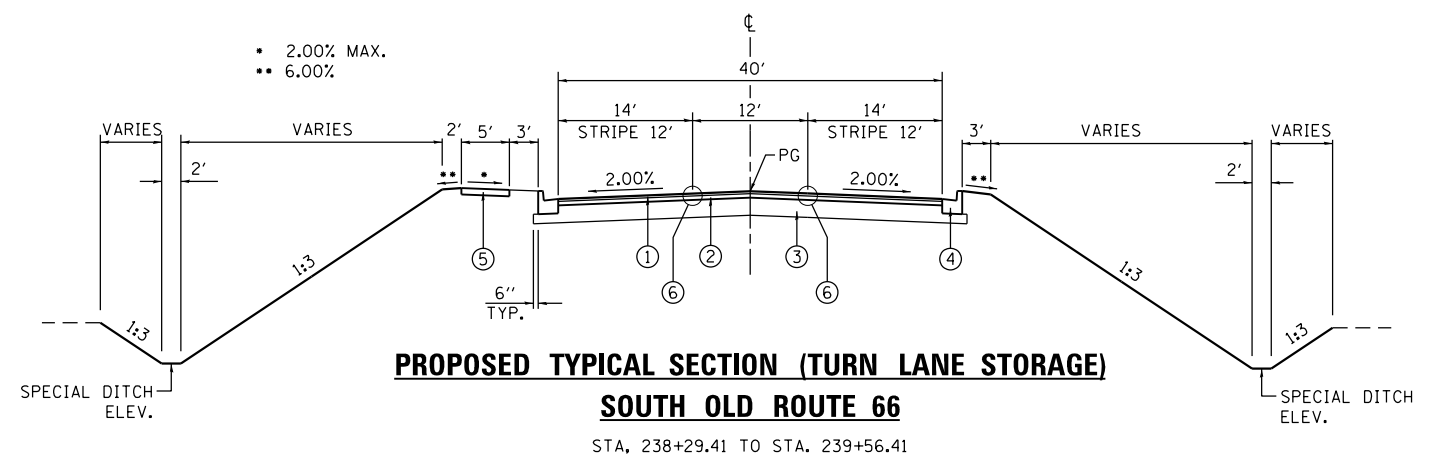
**EXISTING TYPICAL SECTION  
SOUTH OLD ROUTE 66**



**PROPOSED TYPICAL SECTION  
SOUTH OLD ROUTE 66**  
STA. 208+80.00 TO STA. 236+94.41



**PROPOSED TYPICAL SECTION (TURN LANE TAPER)  
SOUTH OLD ROUTE 66**  
STA. 236+94.41 TO STA. 238+29.41



**PROPOSED TYPICAL SECTION (TURN LANE STORAGE)  
SOUTH OLD ROUTE 66**  
STA. 238+29.41 TO STA. 239+56.41

**PAVEMENT DESIGN DATA  
SOUTH OLD ROUTE 66**

<p>CLASS II STREET (80,000 LB) DESIGN PERIOD: 20 YEARS STRUCTURAL DESIGN TRAFFIC (SDT): YEAR = 2038 PV = 211 SU = 22 MU = 7 TRAFFIC FACTOR (TF) = 0.07 MINIMUM SOIL SUPPORT: E<sub>RI</sub> = 3</p>	<p>PAVEMENT PROVIDED: 1 1/2" HMA SURFACE COURSE, MIX "C", N50 2 1/2" HMA BINDER COURSE, IL-19.0, N50 12" AGGREGATE BASE COURSE, TYPE A</p>
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HMA MIXTURE REQUIREMENTS			
ITEM	AGGREGATE COMPOSITION	ASPHALT GRADE	DESIGN AIR VOIDS
HMA SURFACE •	IL-9.5 MIX "C"	PG 64-22	4.0% @ N50
HMA BINDER ••	IL-19.0	PG 64-22	4.0% @ N50

• MIXTURE FOR TOP 1.5" OR 2" HMA SURFACE  
•• MIXTURE FOR BOTTOM LIFTS & HMA SHOULDER

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (1 1/2")
- ② HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (2 1/2")
- ③ AGGREGATE BASE COURSE, TYPE A (12")
- ④ COMB. CONC. CURB & GUTTER, TYPE B-6.18 (SEE STD. 606001-07)
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH
- ⑥ LONGITUDINAL JOINT SEALANT (SEE LJS NOTE THIS SHEET)

**LJS NOTE:**  
LONGITUDINAL JOINT SEALANT TO BE INSTALLED PRIOR TO HMA SURFACE COURSE. INSTALL AT ACTUAL PAVING JOINT IF DIFFERENT THAN SHOWN.

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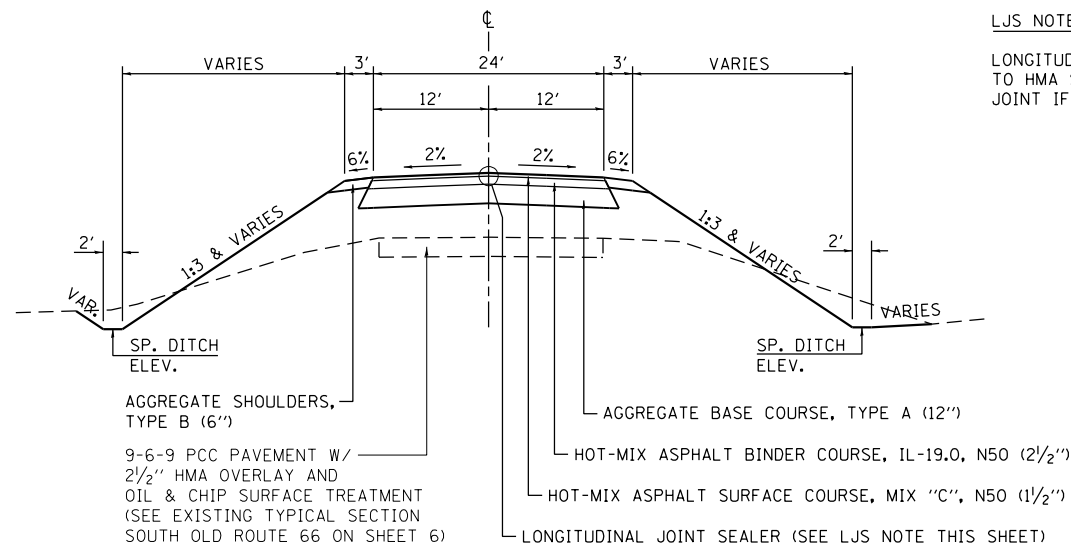
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**VILLAGE OF WILLIAMSVILLE  
SOUTH OLD ROUTE 66 OVERPASS**

**TYPICAL SECTIONS  
MAINLINE**

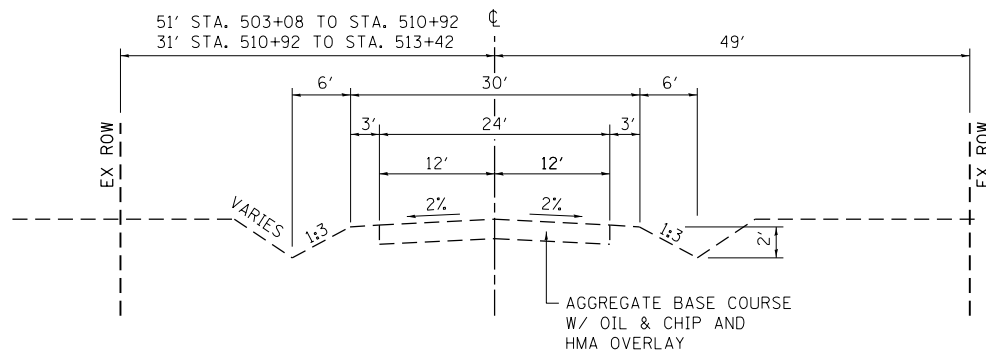
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CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				



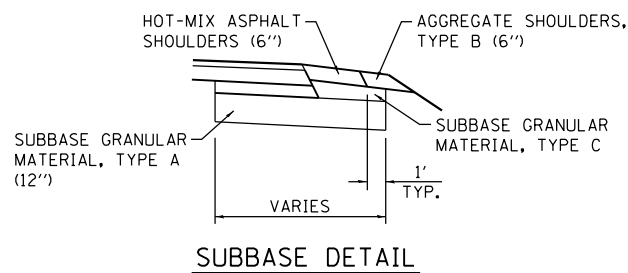
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SOUTH OLD ROUTE 66 CONNECTOR**

STA. 983+10 TO STA. 989+85.39

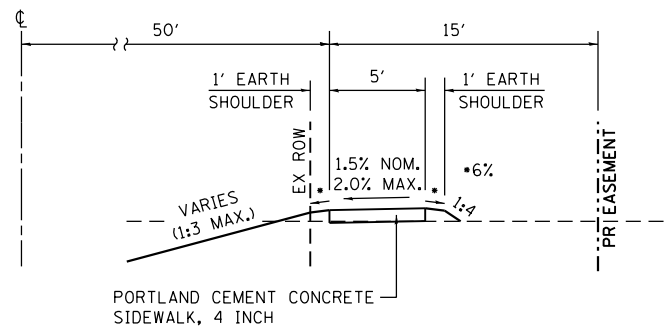


**EXISTING TYPICAL SECTION  
WALNUT STREET**

STA. 503+08 TO STA. 513+42



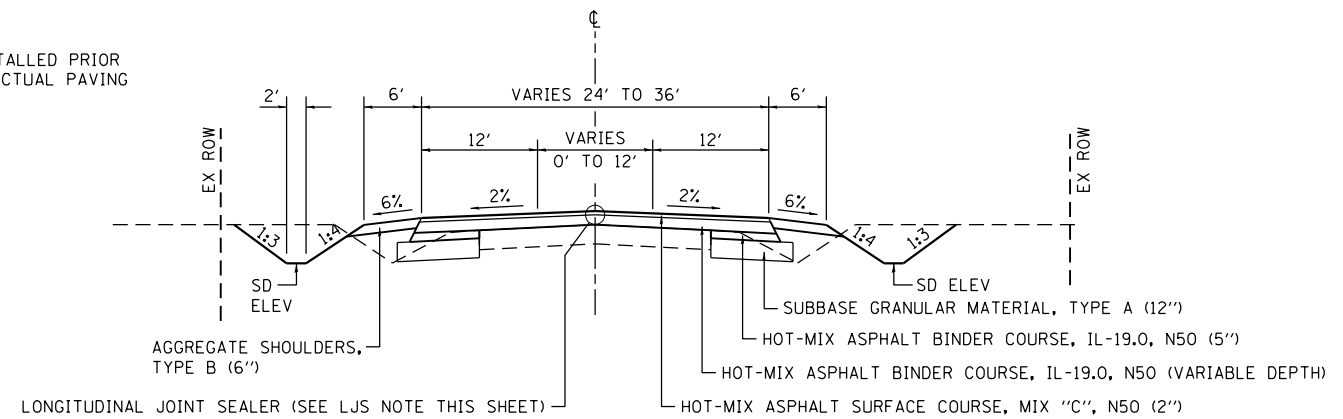
**SUBBASE DETAIL**



**SIDEWALK DETAIL**

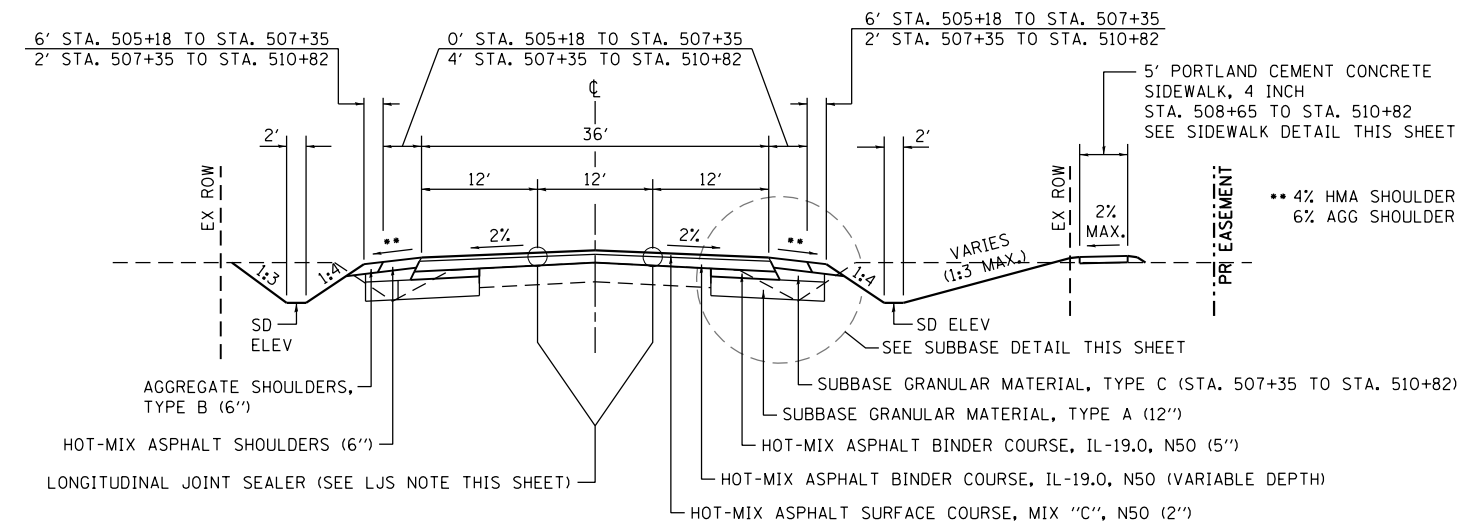
**LJS NOTE:**

LONGITUDINAL JOINT SEALANT TO BE INSTALLED PRIOR TO HMA SURFACE COURSE. INSTALL AT ACTUAL PAVING JOINT IF DIFFERENT THAN SHOWN.



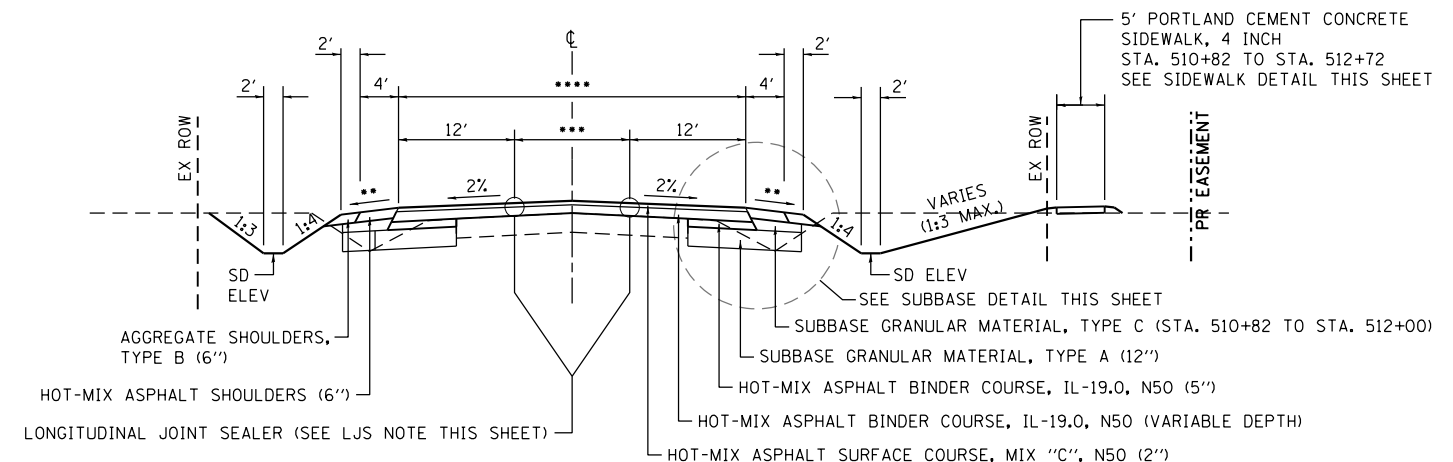
**PROPOSED TYPICAL SECTION  
WALNUT STREET**

STA. 503+08 TO STA. 505+18



**PROPOSED TYPICAL SECTION  
WALNUT STREET**

STA. 505+18 TO STA. 510+82



**PROPOSED TYPICAL SECTION  
WALNUT STREET**

STA. 510+82 TO STA. 513+42

- 4% HMA SHOULDER  
6% AGG. SHOULDER
- VARIES FROM 12' TO 0'  
STA. 510+82 TO STA. 512+92
- 24' STA. 512+92 TO STA. 513+42

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**VILLAGE OF WILLIAMSVILLE  
SOUTH OLD ROUTE 66 OVERPASS**

**TYPICAL SECTIONS  
CONNECTOR STREET & WALNUT STREET**

SCALE: N/A SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-0008-00-BR	SANGAMON	118	7
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				



TREE REMOVAL SCHEDULE			
LOCATION	20100110	20100210	20100500
	TREE REMOVAL (6 TO 15 UNITS DIA.)	TREE REMOVAL (OVER 15 UNITS DIA.)	TREE REMOVAL, ACRES
	UNIT	UNIT	ACRE
<b>MAINLINE</b>			
STA. 211+22, 70' LT. TO STA. 216+19, 125' RT.			1.0
STA. 214+45, 100' RT		24	
STA. 214+52, 107' RT		24	
<b>WALNUT STREET (CH 31)</b>			
STA. 510+95, LT. TO STA. 513+10, LT.	240	180	
<b>TOTALS</b>	240	228	1.0

EARTHWORK SCHEDULE							
LOCATION	20200100	20200500	EXCAVATION (ADJUSTED FOR 25% SHRINKAGE)	EMBANKMENT	WASTE (+) OR SHORTAGE (-)	20400100	44000100
	EARTH EXCAVATION	EARTH EXCAVATION WIDENING				BORROW EXCAVATION	PAVEMENT REMOVAL
	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	SQ YD
<b>MAINLINE</b>							
NORTH OF BRIDGE	623		467	76,442	-75,975	101,300	
SOUTH OF BRIDGE	1,795		1,346	147,493	-146,147	194,863	
STA. 208+80 TO STA. 210+35							415
STA. 212+00 TO STA. 213+00							155
<b>CONNECTOR STREET</b>							
STA. 983+10 TO STA. 989+60	545		409	7,905	-7,496	9,995	
STA. 983+10 TO STA. 984+80							455
STA. 987+00 TO STA. 988+70							200
<b>WALNUT STREET (CH 31)</b>							
	433	800	925	631	294	-294	
<b>TOTALS</b>	3,396	800	3,147	232,471	-229,324	305,864	1,225

ROADWAY PAVING SCHEDULE																
LOCATION	31100100	31101900	35100100	35501304	40600275	40600290	40600982	40600990	40603080	40603310	44201741	48101500	48203021	60265700	X4201400	Z0033700
	SUBBASE GRAN. MATL, TYPE A	SUBBASE GRAN. MATL, TYPE C	AGG. BASE CSE., TY A	HMA BASE COURSE, 5"	BIT. MATLS (PRIME COAT)	BIT. MATLS. (TACK COAT)	HMA SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	HMA BINDER COURSE, IL-19.0, N50	HMA SURFACE COURSE, MIX "C", N50	CLASS D PATCHES TYPE II, 8 INCH	AGGREGATE SHOULDERS, TYPE B, 6"	HMA SHOULDERS 6"	VALVE VAULTS TO BE ADJUSTED	BRIDGE APPR. PAVT. CONNECTOR (SPECIAL)	LONGITUDINAL JOINT SEALANT
	TON	TON	TON	SQ YD	POUND	POUND	SQ YD	SQ YD	TON	TON	SQ YD	SQ YD	SQ YD	EACH	SQ YD	FOOT
<b>MAINLINE</b>																
STA. 208+80.00 TO STA. 217+79.94			2,091		6,230				388	235						900
STA. 212+72, RT TO STA. 213+59, RT (EOP)																88
STA. 217+79.94 TO STA. 217+86.30															27	
STA. 221+76.63 TO STA. 221+83.00															27	
STA. 221+83.00 TO STA. 239+56.41			4,422		13,215				822	495						1,511
STA. 221+83 TO STA. 236+94 (CL)																263
STA. 236+94, LT TO STA. 239+56, LT																263
STA. 236+94, RT TO STA. 239+56, RT																
<b>CONNECTOR STREET</b>																
STA. 983+10.00 TO STA. 989+85.39			1,355		4,290				265	160		440				675
<b>WALNUT STREET (CH 31)</b>																
STA. 503+08, LT TO STA. 512+92, LT																984
STA. 503+08, RT TO STA. 512+92, RT																984
STA. 503+08 TO STA. 513+42	1,305	145		1,140	2,710	1,240			915	430			2			
STA. 503+08 TO STA. 503+15								19								
STA. 503+08 TO STA. 503+82							200									
STA. 503+08, LT. TO STA. 507+35, LT.												285				
STA. 503+08, RT. TO STA. 507+35, RT.												285				
STA. 506+80, SB LANE											12					
STA. 506+80, NB LANE											10					
STA. 507+35, LT. TO STA. 208+62, LT. (EOP)																127
STA. 507+35, RT. TO STA. 509+93, RT.												59	112			
STA. 508+50, LT. TO STA. 513+42, LT.												110				
STA. 508+65, LT. STA. 513+42, LT.													212			
STA. 510+55, RT. TO STA. 512+72, RT.												55				
STA. 510+60, RT. TO STA. 512+60, RT.													65			
STA. 512+67 TO STA. 513+42							200									
STA. 512+92 TO STA. 513+42																50
STA. 513+02, RT. TO STA. 513+42, RT.												18				
STA. 513+13, RT. TO STA. 513+42, RT													11			
STA. 513+35 TO STA. 513+42								19								
<b>TOTALS</b>	1,305	145	7,868	1,140	26,445	1,240	400	38	2,390	1,320	22	1,252	420	2	54	5,845
<b>USE</b>	1,305	145	7,870	1,140	26,445	1,240	400	38	2,390	1,320	22	1,255	420	2	54	5,845

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**VILLAGE OF WILLIAMSVILLE**  
**SOUTH OLD ROUTE 66 OVERPASS**

**SCHEDULE OF QUANTITIES**

SCALE: N.A. SHEET NO. 1 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	8
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				

ENTRANCE SCHEDULE					
LOCATION	35101400 AGG. BASE CSE, TYPE B	40600275 BITUMINOUS MATERIALS (PRIME COAT)	40800050 INCIDENTAL HMA SURFACING	42300400 PCC DRIVEWAY PAVEMENT, 8 INCH	44000200 DRIVEWAY PAVEMENT REMOVAL
	TON	POUND	TON	SQ YD	SQ YD
<b>WALNUT STREET (CH 31)</b>					
STA. 510+26, RT. (FIRE STATION)				200	254
STA. 512+87, RT. (CE)	60	395	40		238
<b>TOTALS</b>	60	395	40	200	492
<b>USE</b>	60	395	40	200	495

FIELD TILE REPAIR SCHEDULE					
LOCATION	20800150 TRENCH BACKFILL	61100500 EXPLORATION TRENCH 52"	61100605 MISCELLANEOUS CONCRETE	61101009 STORM SEWERS PROTECTED, CLASS A, 8"	61133100 FIELD TILE JUNCTION VAULTS, 2' DIA.
	CU YD	FOOT	CU YD	FOOT	EACH
<b>MAINLINE</b>					
STA. 238+60, 60' LT. TO STA. 239+49, 41' RT	43	135		135	
STA. 238+75 LT.			1.0		
STA. 239+60, 60' LT.					1
<b>TOTALS</b>	43	135	1.0	135	1

CURB AND GUTTER, STORM SEWER & PIPE DRAIN SCHEDULE								
LOCATION	28000150 TRENCH BACKFILL	54262712 METAL FLARED END SECTIONS 12"	550A0340 STORM SEWERS, CLASS A, TYPE 2 12"	60100945 PIPE DRAINS 12"	60235700 INLETS, TYPE A, TYPE 3 FRAME AND GRATE	60260100 INLETS TO BE ADJUSTED	60604400 COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18	X6020074 INLETS, TYPE A, TYPE 3V FRAME AND GRATE
	CU YD	EACH	FOOT	FOOT	EACH	EACH	FOOT	EACH
<b>MAINLINE</b>								
STA. 208+80, RT. TO STA. 212+98, RT.							430	
STA. 208+80, LT. TO STA. 217+74.24, LT.							880	
STA. 209+27	4	1	27	15	2			
STA. 211+00	6	1	30	22				2
STA. 213+33, RT. TO STA. 217+85.64, RT.							465	
STA. 213+37	6		41	78				2
STA. 213+91, RT		1						
STA. 216+00	6	1	30	110				2
STA. 221+88.70, RT. TO STA. 239+56.41, RT.							1,806	
STA. 221+77.30, LT. TO STA. 239+56.41, LT.							1,786	
STA. 224+00	6	1	30	127				2
STA. 227+00	6	1	30	99				2
STA. 230+00	6	1	30	71				2
STA. 233+00	6	1	30	43				2
STA. 236+00	6	1	30	16				2
STA. 239+05	5	1	41	12	2			
<b>WALNUT STREET (CH 31)</b>								
STA. 507+28, 34' RT.						1		
<b>TOTALS</b>	57	10	319	593	4	1	5,367	16

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PLOT DATE = 5/25/2018	DATE - 8/28/17	REVISED -

**VILLAGE OF WILLIAMSVILLE  
 SOUTH OLD ROUTE 66 OVERPASS**

**SCHEDULE OF QUANTITIES**

SCALE: N.A. SHEET NO. 2 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	9
CONTRACT NO. 93679			ILLINOIS FED. AID PROJECT	

**PIPE CULVERT AND BOX CULVERT SCHEDULE**

LOCATION	28000150 TRENCH BACKFILL	50105220 PIPE CULVERT REMOVAL	54001001 BOX CULVERT END SECTIONS, CULVERT NO. 1	54001002 BOX CULVERT END SECTIONS, CULVERT NO. 2	54010402 PRECAST CONC BOX CULVERTS 4' X 2'	54010502 PRECAST CONC BOX CULVERTS 5' X 2'	542A0229 PIPE CULVERTS, CLASS A, TYPE 1, 24"	542A1069 PIPE CULVERTS, CLASS A, TYPE 2, 24"	542A3379 PIPE CULVERTS, CLASS A, TYPE 5, 24"	542D0220 PIPE CULVERTS, CLASS D, TYPE 1, 15"	54213669 PRC FLARED END SECTIONS 24"	54262715 METAL FLARED END SECTIONS 15"	54260315 TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	54261324 CONCRETE END SECTIONS, STD 542001, 24", 1:3	54261424 CONCRETE END SECTIONS, STD 542001, 24", 1:4	Z0000100 ABANDON EXISTING CULVERT
	CU YD	FOOT	EACH	EACH	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	FOOT	EACH	EACH	EACH
<b>MAINLINE</b>																
STA. 211+95, 52' RT.		30														
STA. 214+12									162					2		
STA. 239+35			2		88											
<b>CONNECTOR STREET</b>																
STA. 985+33.5	28	70						61						1	1	
<b>WALNUT STREET (CH 31)</b>																
STA. 506+80				2		64							32			
STA. 507+50																1
STA. 508+41, RT.		22														
STA. 508+67, RT.	1							23				2				
STA. 510+27, RT.	5	124					62					2				
STA. 511+67, RT.		25								16		2				
STA. 512+87, RT.	4	59					54				2					
<b>TOTALS</b>	38	330	2	2	88	64	139	61	162	16	6	2	32	3	1	1

**SIGN & LIGHTING SCHEDULE**

LOCATION	SIGN	TYPE	SIZE	TEXT	72000100 SIGN PANEL - TYPE 1	72800100 TELESCOPING STEEL SIGN SUPPORT	X8250500 LIGHT UNIT COMPLETE, SPECIAL	XX009225 STREET SIGN COMPLETE	XX000856 MAILBOX REMOVAL AND RELOCATION	Z0051500 REMOVING AND RESETTING STREET SIGNS
					SQ FT	FOOT	EACH	EACH	EACH	EACH
<b>MAINLINE</b>										
STA. 208+80, 28' LT.	NO PASSING ZONE	W14-3	48"x48"x36"	NO PASSING ZONE	6.00	14.5				
STA. 208+80, 20' RT.	SPEED LIMIT	R2-1	24"x30"	30 MPH	5.00	14.5				
STA. 212+86, 22' RT.							1			
STA. 235+81, 21' RT.	STOP AHEAD	W3-1	30" x 30"	N/A	6.25	14.5				
STA. 239+29, 37' LT.							1			
STA. 237+81, 31' LT.	SPEED LIMIT	R2-1	24"x30"	30 MPH	5.00	14.5				
STA. 237+81, 25' RT.	NO PASSING ZONE	W14-3	48"x48"x36"	NO PASSING ZONE	6.00	14.5				
STA. 239+31, 33' RT.	STOP	R1-1	30" x 30"	STOP	6.25	14.5				
STA. 239+41, 51' LT.	STREET SIGN	D3-1 D3-1	VARIES x 8"	S OLD RTE 66 WALNUT STREET				1		
<b>CONNECTOR STREET</b>										
STA. 983+10, 17' LT.	NO PASSING ZONE	W14-3	48"x48"x36"	NO PASSING ZONE	6.00	14.5				
STA. 988+08, 19' RT.	STOP AHEAD	W3-1	30" x 30"	STOP AHEAD	6.25	14.5				
STA. 989+58, 33' RT.	STOP	R1-1	30" x 30"	STOP	6.25	14.5				
STA. 989+72, 17' LT.	STREET SIGN	D3-1 D3-1	VARIES x 8"	S OLD RTE 66 S OLD RTE 66 SPUR				1		
<b>WALNUT STREET (CH 31)</b>										
STA. 503+08, 20' LT.	NO PASSING ZONE	W14-3	48"x48"x36"	NO PASSING ZONE	6.00	14.5				
STA. 503+40, RT. (SPEED LIMIT)										1
STA. 507+45, RT. (FIRE STATION)										1
STA. 509+30, RT. (SCHOOL ZONE)										1
STA. 509+30, LT. (SPEED LIMIT)										1
STA. 510+77, RT.								1		
STA. 512+58, RT. (STUDENTS ONLY)										1
STA. 513+06, RT. (STOP)										1
STA. 513+17 (STUDENTS ONLY)										1
STA. 513+42, 19' RT.	NO PASSING ZONE	W14-3	48"x48"x36"	NO PASSING ZONE	6.00	14.5				
<b>TOTALS</b>					65.00	159.5	2	2	1	7

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**VILLAGE OF WILLIAMSVILLE  
SOUTH OLD ROUTE 66 OVERPASS**

**SCHEDULE OF QUANTITIES**

SCALE: N.A. SHEET NO. 3 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	10
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING SCHEDULE**

LOCATION	70300100	70300210	70300230	70300260	70300280	78001100	78001120	78001130	78001150	78001180
	SHORT TERM PAVEMENT MARKING (2 APPLICATIONS)	TEMPORARY PAVEMENT MARKING LETTERS & SYMBOLS (2 APPLICATIONS)	TEMPORARY PAVEMENT MARKING LINE 5" (2 APPLICATIONS)	TEMPORARY PAVEMENT MARKING LINE 12" (2 APPLICATIONS)	TEMPORARY PAVEMENT MARKING LINE 24" (2 APPLICATIONS)	PAINT PAVEMENT MARKING LETTER & SYMBOLS	PAINT PAVEMENT MARKING LINE 5"	PAINT PAVEMENT MARKING LINE 6"	PAINT PAVEMENT MARKING LINE 12"	PAINT PAVEMENT MARKING LINE 24"
	FOOT	SQ FT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT
<b>MAINLINE</b>										
STA. 208+80 RT. TO STA. 212+72 RT. - LANE EDGE (WHITE - SOLID)			784				392			
STA. 208+80 TO STA. 236+94 - CENTERLINE (DOUBLE YELLOW - SOLID)			11,256				5,628			
STA. 208+80 LT. TO STA. 239+56 LT. - LANE EDGE (WHITE - SOLID)			6,160				3,080			
STA. 213+59 RT. TO STA. 239+56 RT. - LANE EDGE (WHITE - SOLID)			5,200				2,600			
STA. 236+94 TO STA. 238+29 - TURN LANE (WHITE - DASH)								34		
STA. 236+94 LT. TO STA. 239+44 LT. - TURN LANE EDGE (DBL YELLOW - SOLID)			1,000				500			
STA. 238+35 - TURN ARROWS		62.4				31.2				
STA. 238+29 TO STA. 239+44 - TURN LANE EDGE (WHITE - SOLID)			230				115			
STA. 239+25 - TURN ARROWS		62.4				31.2				
STA. 239+44 - STOP BAR (WHITE - SOLID)					74					37
<b>CONNECTOR STREET</b>										
STA. 983+10 TO STA. 989+70 - CENTERLINE (DOUBLE YELLOW - SOLID)			2,640				1,320			
STA. 983+10 LT. TO STA. 989+95 LT. - LANE EDGE (WHITE - SOLID)			1,412				706			
STA. 983+10 RT. TO STA. 989+66 RT. - LANE EDGE (WHITE - SOLID)			1,350				675			
STA. 989+70 - STOP BAR (WHITE - SOLID)					40					20
<b>WALNUT STREET (CH 31)</b>										
STA. 503+08 RT TO STA. 506+53 RT. - MEDIAN EDGE (DBL YELLOW - SOLID)			1,380				690			
STA. 503+08 TO STA. 506+53 - MEDIAN DIAGONALS (YELLOW - SOLID)				128					64	
STA. 503+08 LT. TO STA. 507+35 LT. - LANE EDGE (WHITE - SOLID)			854				427			
STA. 503+08 TO STA. 507+68 - CENTERLINE (DBL YELLOW - SOLID)	160		1,840				920			
STA. 503+08 TO STA. 507+68 - LANE EDGE (WHITE - DASH)	24									
STA. 503+08 RT. TO STA. 509+81 RT. - LANE EDGE (WHITE - SOLID)			1,348				674			
STA. 505+18 TO STA. 506+53 - TURN LANE (DASH - WHITE)								34		
STA. 506+53 RT. TO STA. 507+68 RT - LANE EDGE (WHITE - SOLID)			230				115			
STA. 506+64 - TURN ARROWS		31.2				15.6				
STA. 507+54 - TURN ARROWS		31.2				15.6				
STA. 508+22 TO STA. 512+92 - MEDIAN (DOUBLE YELLOW - SOLID)			3,776				1,888			
STA. 508+22 TO STA. 512+92 - MEDIAN DIAGONALS (YELLOW - SOLID)				286					143	
STA. 508+24 TO STA. 510+10 - MEDIAN (YELLOW - DASH)	64									
STA. 508+65 LT. TO STA. 513+42 LT. - LANE EDGE (WHITE - SOLID)			954				477			
STA. 510+71 RT. TO STA. 512+46 RT. - LANE EDGE (WHITE - SOLID)			350				175			
STA. 510+71 TO STA. 513+42 - MEDIAN & CENTERLINE (YELLOW - DASH)	248									
STA. 512+92 TO STA. 513+42 - CENTERLINE (DOUBLE YELLOW - SOLID)			200				100			
STA. 513+26 RT. TO STA. 513+42 RT. - LANE EDGE (WHITE - SOLID)			32				16			
<b>TOTALS</b>	496	187.2	40,996	414	114	93.6	20,498	68	207	57

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**VILLAGE OF WILLIAMSVILLE  
SOUTH OLD ROUTE 66 OVERPASS**

**SCHEDULE OF QUANTITIES**

SCALE: N.A. SHEET NO. 4 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	11
CONTRACT NO. 93679			ILLINOIS FED. AID PROJECT	

**SEEDING & EROSION CONTROL SCHEDULE**

LOCATION	28000250	28000305	28000400	28000500	28100105	28200200	X2501000
	TEMPORARY	TEMPORARY	PERIMETER	INLET AND PIPE	STONE RIPRAP,	FILTER FABRIC	SEEDING,
	EROSION CONTROL	DITCH CHECKS	EROSION BARRIER	PROTECTION	CLASS A3		CLASS 2
	(3 APPLICATIONS)						(SPECIAL)
	POUND	FOOT	FOOT	EACH	SQ YD	SQ YD	ACRE
<b>MAINLINE</b>							
NORTH OF BRIDGE	1,560						5.2
SOUTH OF BRIDGE	2,340						7.8
STA. 208+80, LT. TO STA. 218+69, LT.			985				
STA. 208+80, RT. TO STA. 212+50, RT.			400				
STA. 209+27, LT. & RT.				2			
STA. 211+00, LT. & RT.				2			
STA. 212+00, LT. & RT.		30					
STA. 213+37, LT. & RT.				2			
STA. 213+91, RT.					15	15	
STA. 214+00, LT.				1			
STA. 215+00, LT. & RT.		30					
STA. 215+17, RT. TO STA. 219+32, RT.			575				
STA. 216+00, LT. & RT.				2	9	9	
STA. 220+22, LT. TO STA. 239+27, LT.			1,995				
STA. 220+88, RT. TO STA. 239+27, RT.			2,030				
STA. 224+00, RT.				2	12	12	
STA. 225+50, LT. & RT.		30					
STA. 227+00, RT.				2	13	13	
STA. 229+25, LT. & RT.		30					
STA. 230+00, RT.				2	11	11	
STA. 233+00, LT. & RT.		30		2	14	14	
STA. 236+00, LT. & RT.				2			
STA. 236+75, LT. & RT.		30					
STA. 239+05, LT. & RT.				2			
STA. 239+35, LT.				1			
<b>CONNECTOR STREET</b>							
STA. 983+10 TO STA. 989+60	300						1.0
STA. 983+10, RT. TO STA. 986+80, RT.			375				
STA. 983+10, LT. TO STA. 989+43, LT.			700				
STA. 985+33.5, RT.				1			
STA. 986+00, RT.		35					
STA. 987+00, LT.		10					
<b>WALNUT STREET (CH 31)</b>							
STA. 503+08 TO STA. 513+42	180						0.6
STA. 503+10, LT. TO STA. 507+17, LT.			410				
STA. 503+10, RT. TO STA. 508+50, RT.			540				
STA. 506+80, LT.				1			
STA. 507+28, 34' RT.				1			
STA. 508+85, RT.				1			
STA. 508+87, LT. TO STA. 510+90, LT.			200				
STA. 510+64, RT.				1			
STA. 511+67, RT.				1			
STA. 513+20, RT.				1			
<b>TOTALS</b>	4,380	225	8,210	29	74	74	14.6

**SIDEWALK SCHEDULE**

LOCATION	42400100	42400800
	PCC SIDEWALK 4"	DETECTABLE WARNINGS
	SQ FT	SQ FT
<b>MAINLINE</b>		
STA. 208+80, LT. TO STA. 217+74.24, LT.	4,370	
STA. 221+75.55, LT. TO STA. 239+52.3, LT.	8,890	
STA. 239+50, LT.		10
<b>WALNUT STREET (CH 31)</b>		
STA. 508+65, RT. TO STA. 510+06.40, RT.	850	
STA. 510+46.50, RT. TO STA. 512+71.50, RT.	1,130	
STA. 508+67, RT.		10
STA. 512+70, RT.		10
<b>TOTALS</b>	15,240	30

**GUARDRAIL SCHEDULE**

LOCATION	63000001	63100085	63100167	72501000
	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POSTS	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TERMINAL MARKER DIRECT APPLIED
	FOOT	EACH	EACH	EACH
<b>MAINLINE</b>				
NE QUADRANT OF BRIDGE	12.5	1	1	1
NW QUADRANT OF BRIDGE	25.0	1	1	1
SE QUADRANT OF BRIDGE	25.0	1	1	1
SW QUADRANT OF BRIDGE	12.5	1	1	1
<b>TOTALS</b>	75.0	4	4	4

**SETTLEMENT PLATFORMS**

LOCATION	OFFSET
<b>MAINLINE</b>	
STA. 214+00	CENTERLINE
STA. 217+75	CENTERLINE
STA. 222+00	CENTERLINE
STA. 228+00	CENTERLINE
STA. 234+00	CENTERLINE
<b>CONNECTOR STREET</b>	
STA. 987+50	CENTERLINE

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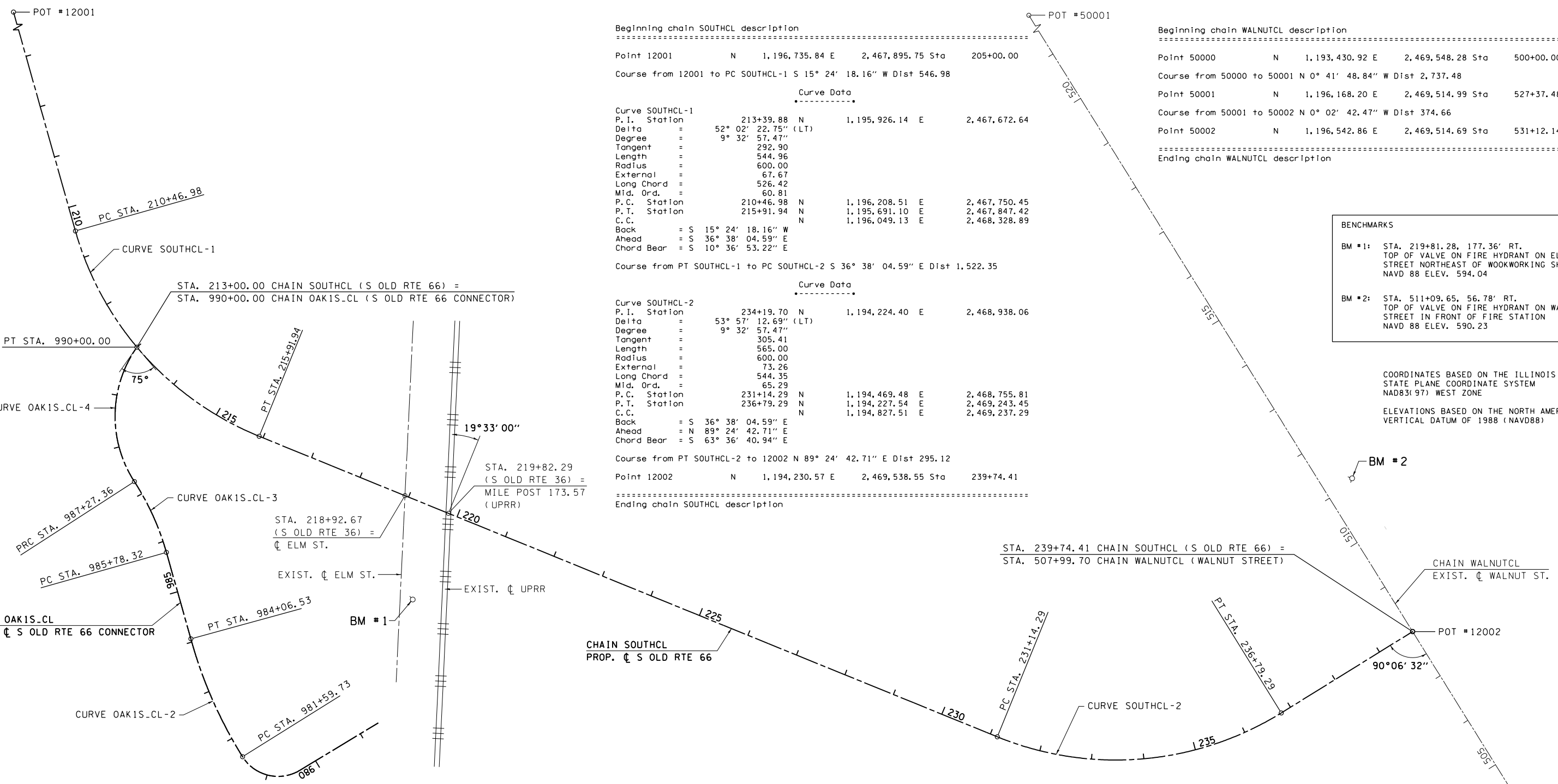
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**VILLAGE OF WILLIAMSVILLE  
SOUTH OLD ROUTE 66 OVERPASS**

**SCHEDULE OF QUANTITIES**

SCALE: N.A. SHEET NO. 5 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	12
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				



Beginning chain SOUTHCL description  
 Point 12001 N 1,196,735.84 E 2,467,895.75 Sta 205+00.00  
 Course from 12001 to PC SOUTHCL-1 S 15° 24' 18.16" W Dist 546.98

Curve Data  
 Curve SOUTHCL-1  
 P.I. Station = 213+39.88 N 1,195,926.14 E 2,467,672.64  
 Delta = 52° 02' 22.75" (LT)  
 Degree = 9° 32' 57.47"  
 Tangent = 292.90  
 Length = 544.96  
 Radius = 600.00  
 External = 67.67  
 Long Chord = 526.42  
 Mid. Ord. = 60.81  
 P.C. Station = 210+46.98 N 1,196,208.51 E 2,467,750.45  
 P.T. Station = 215+91.94 N 1,195,691.10 E 2,467,847.42  
 C.C. = N 1,196,049.13 E 2,468,328.89  
 Back = S 15° 24' 18.16" W  
 Ahead = S 36° 38' 04.59" E  
 Chord Bear = S 10° 36' 53.22" E

Course from PT SOUTHCL-1 to PC SOUTHCL-2 S 36° 38' 04.59" E Dist 1,522.35  
 Curve Data  
 Curve SOUTHCL-2  
 P.I. Station = 234+19.70 N 1,194,224.40 E 2,468,938.06  
 Delta = 53° 57' 12.69" (LT)  
 Degree = 9° 32' 57.47"  
 Tangent = 305.41  
 Length = 565.00  
 Radius = 600.00  
 External = 73.26  
 Long Chord = 544.35  
 Mid. Ord. = 65.29  
 P.C. Station = 231+14.29 N 1,194,469.48 E 2,468,755.81  
 P.T. Station = 236+79.29 N 1,194,227.54 E 2,469,243.45  
 C.C. = N 1,194,827.51 E 2,469,237.29  
 Back = S 36° 38' 04.59" E  
 Ahead = N 89° 24' 42.71" E  
 Chord Bear = S 63° 36' 40.94" E

Course from PT SOUTHCL-2 to 12002 N 89° 24' 42.71" E Dist 295.12  
 Point 12002 N 1,194,230.57 E 2,469,538.55 Sta 239+74.41  
 Ending chain SOUTHCL description

Beginning chain WALNUTCL description  
 Point 50000 N 1,193,430.92 E 2,469,548.28 Sta 500+00.00  
 Course from 50000 to 50001 N 0° 41' 48.84" W Dist 2,737.48  
 Point 50001 N 1,196,168.20 E 2,469,514.99 Sta 527+37.48  
 Course from 50001 to 50002 N 0° 02' 42.47" W Dist 374.66  
 Point 50002 N 1,196,542.86 E 2,469,514.69 Sta 531+12.14  
 Ending chain WALNUTCL description

**BENCHMARKS**  
 BM #1: STA. 219+81.28, 177.36' RT. TOP OF VALVE ON FIRE HYDRANT ON ELM STREET NORTHEAST OF WOOKWORKING SHOP NAVD 88 ELEV. 594.04  
 BM #2: STA. 511+09.65, 56.78' RT. TOP OF VALVE ON FIRE HYDRANT ON WALNUT STREET IN FRONT OF FIRE STATION NAVD 88 ELEV. 590.23

COORDINATES BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM NAD83(97) WEST ZONE  
 ELEVATIONS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

Beginning Chain OAKIS.CL description  
 Curve Data  
 Curve OAKIS.CL-2  
 P.I. Station = 982+84.00 N 1,195,307.96 E 2,467,501.31  
 Delta = 16° 38' 09.59" (RT)  
 Degree = 6° 44' 26.45"  
 Tangent = 124.27  
 Length = 246.80  
 Radius = 850.00  
 External = 9.04  
 Long Chord = 245.93  
 Mid. Ord. = 8.94  
 P.C. Station = 981+59.73 N 1,195,183.70 E 2,467,503.02  
 P.T. Station = 984+06.53 N 1,195,427.51 E 2,467,535.25  
 C.C. = N 1,195,195.38 E 2,468,352.94  
 Back = N 0° 47' 15.32" W  
 Ahead = N 15° 50' 54.27" E  
 Chord Bear = N 7° 31' 49.48" E  
 Course from PT OAKIS.CL-2 to PC OAKIS.CL-3 N 15° 24' 18.16" E Dist 171.80

Chain OAKIS.CL description (continued)  
 Curve Data  
 Curve OAKIS.CL-3  
 P.I. Station = 986+53.40 N 1,195,665.51 E 2,467,600.83  
 Delta = 17° 04' 42.74" (LT)  
 Degree = 11° 27' 32.96"  
 Tangent = 75.08  
 Length = 149.04  
 Radius = 500.00  
 External = 5.60  
 Long Chord = 148.49  
 Mid. Ord. = 5.54  
 P.C. Station = 985+78.32 N 1,195,593.13 E 2,467,580.89  
 P.T. Station = 987+27.36 N 1,195,740.56 E 2,467,598.64  
 C.C. = N 1,195,725.95 E 2,467,098.85  
 Back = N 15° 24' 18.16" E  
 Ahead = N 1° 40' 24.58" W  
 Chord Bear = N 6° 51' 56.79" E

Chain OAKIS.CL description (continued)  
 Curve Data  
 Curve OAKIS.CL-4  
 P.I. Station = 988+82.26 N 1,195,895.39 E 2,467,594.11  
 Delta = 67° 55' 01.57" (RT)  
 Degree = 24° 54' 40.35"  
 Tangent = 154.89  
 Length = 272.64  
 Radius = 230.00  
 External = 47.29  
 Long Chord = 256.95  
 Mid. Ord. = 39.23  
 P.C. Station = 987+27.36 N 1,195,740.56 E 2,467,598.64  
 P.T. Station = 990+00.00 N 1,195,957.79 E 2,467,735.88  
 C.C. = N 1,195,747.27 E 2,467,828.54  
 Back = N 1° 40' 24.58" W  
 Ahead = N 66° 14' 36.99" E  
 Chord Bear = N 32° 17' 06.20" E



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 DATE - 7/31/15

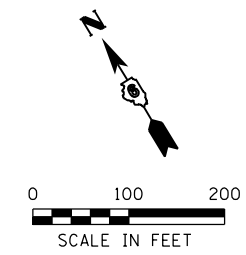
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**VILLAGE OF WILLIAMSVILLE  
 SOUTH OLD ROUTE 66 OVERPASS**

**ALIGNMENTS & BENCHMARKS**

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

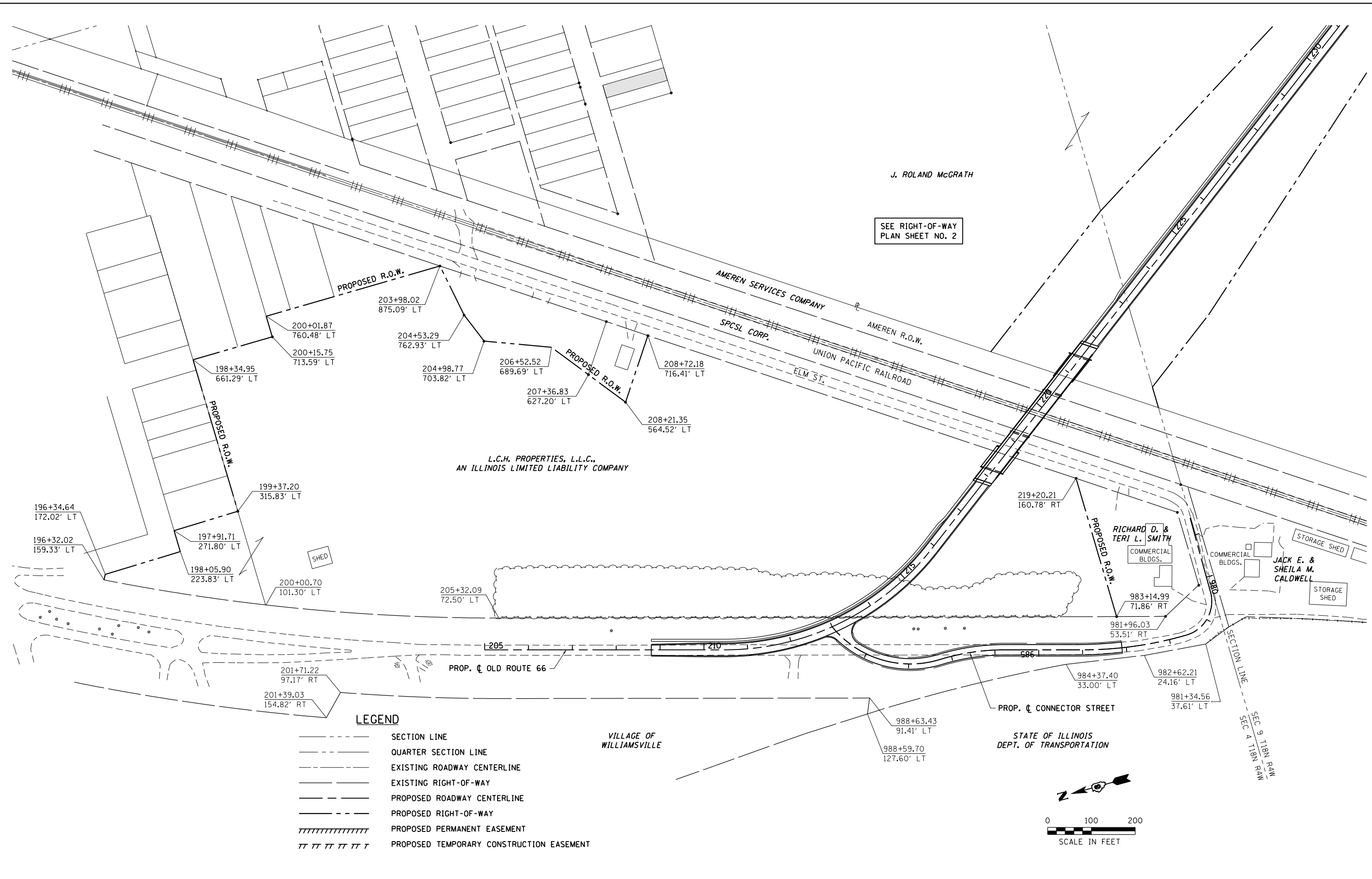
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	13
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				



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**LEGEND**

-----	SECTION LINE
-----	QUARTER SECTION LINE
-----	EXISTING ROADWAY CENTERLINE
-----	EXISTING RIGHT-OF-WAY
-----	PROPOSED ROADWAY CENTERLINE
-----	PROPOSED RIGHT-OF-WAY
	PROPOSED PERMANENT EASEMENT
	PROPOSED TEMPORARY CONSTRUCTION EASEMENT

**KT KUHN & TRELLO**  
 CONSULTING ENGINEERS  
 A Limited Liability Company  
 109 N. 7th Street, 3rd Floor  
 Springfield, IL 62702  
 Phone: 217-678-0244

USER NAME = msutheard	DESIGNED -	REVISED -
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PLOT DATE = 3/9/2018	DATE -	REVISED -

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**VILLAGE OF WILLIAMSVILLE  
 SOUTH OLD ROUTE 66 OVERPASS**

<b>RIGHT OF WAY PLANS</b>	
SCALE:	TO STA.
SHEET NO. 2 OF 2 SHEETS	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	14
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				

L.C.H. PROPERTIES, L.L.C.,  
AN ILLINOIS LIMITED LIABILITY COMPANY

SEE RIGHT-OF-WAY  
PLAN SHEET NO. 1

J. ROLAND McGRATH

HIGH SCHOOL  
WILLIAMSVILLE SCHOOL DIST. #15

WILLIAMSVILLE SCHOOL DIST. #15

WILLIAMSVILLE  
FIRE PROTECTION  
DISTRICT

PROPOSED TEMPORARY  
CONSTRUCTION EASEMENT

BRUCE L. & CATHY S. CONSTANT

STATE OF ILLINOIS  
DEPT. OF TRANSPORTATION

RICHARD D. &  
TERT L. SMITH  
COMMERCIAL  
BLDGS

JACK E. &  
SHEILA M.  
CALDWELL  
COMMERCIAL  
BLDGS

STORAGE SHED

STORAGE SHED

STORAGE SHED

STORAGE SHED

UNION PACIFIC RAILROAD  
SPCSL CORP.

AMEREN SERVICES COMPANY  
AMEREN R.O.W.

220+28.10  
170.00' LT

224+35.54  
170.00' LT

221+91.48  
170.00' RT

221+62.85  
209.89' RT

224+00.00  
170.00' RT

PROP. C OAK STREET

516+51.58  
51.03' LT

516+51.57  
31.03' LT

514+01.84  
44.07' RT

513+98.04  
48.98' RT

513+98.19  
64.07' RT

511+52.92  
64.74' RT

511+52.76  
49.10' RT

510+91.57  
31.33' LT

510+91.57  
50.85' LT

239+23.76  
90.00' LT

238+98.81  
65.00' LT

237+14.23  
65.00' LT

231+22.86  
109.36' LT

508+50.70  
49.54' RT

507+23.45  
49.24' RT

506+19.20  
295.02' RT

505+45.55  
263.78' RT

506+36.55  
49.26' RT

EXIST. C WALNUT ST.

238+99.06  
60.00' RT

239+24.11  
85.00' RT

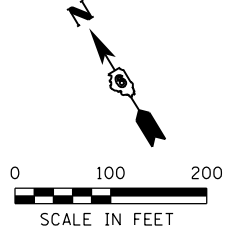
503+00.00  
49.34' RT

503+00.00  
50.66' LT

J. ROLAND McGRATH

**LEGEND**

- SECTION LINE
- QUARTER SECTION LINE
- EXISTING ROADWAY CENTERLINE
- EXISTING RIGHT-OF-WAY
- PROPOSED ROADWAY CENTERLINE
- PROPOSED RIGHT-OF-WAY
- ////// PROPOSED PERMANENT EASEMENT
- TTTTTTT PROPOSED TEMPORARY CONSTRUCTION EASEMENT



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**KT** KUHN & TRELLO  
CONSULTING ENGINEERS  
A Limited Liability Company  
109 N. 7th Street, 3rd Floor  
Springfield, IL 62702  
Phone: 217-678-0244  
Professional Design Firm No. 184-006516

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CHECKED -	REVISED -
DATE -	REVISED -

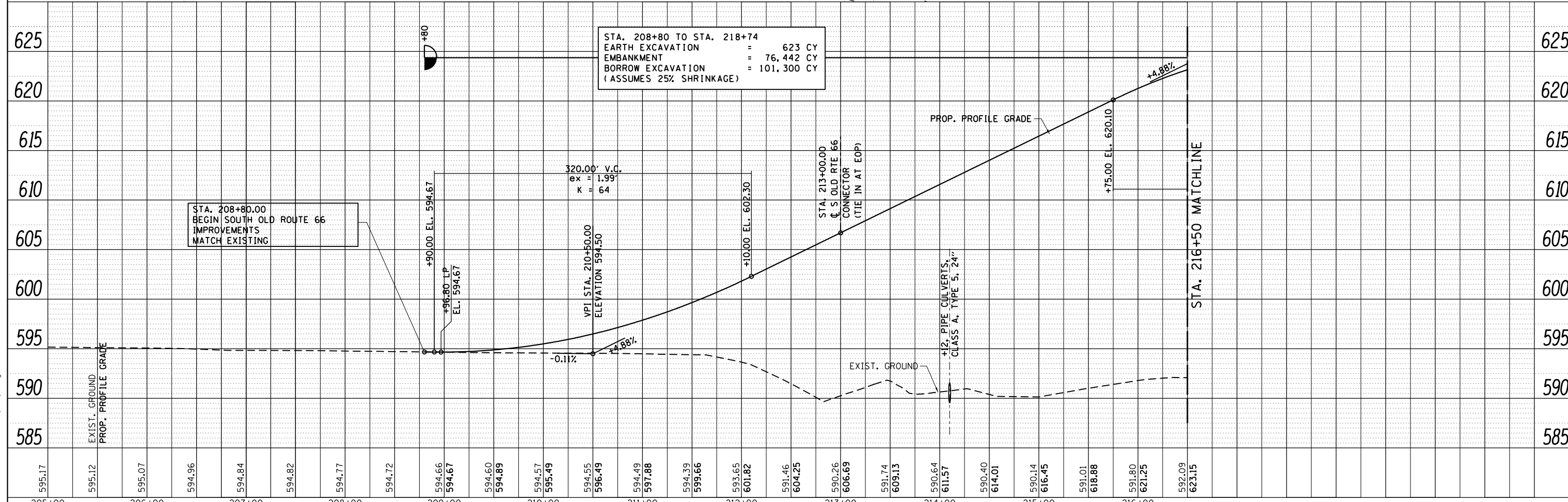
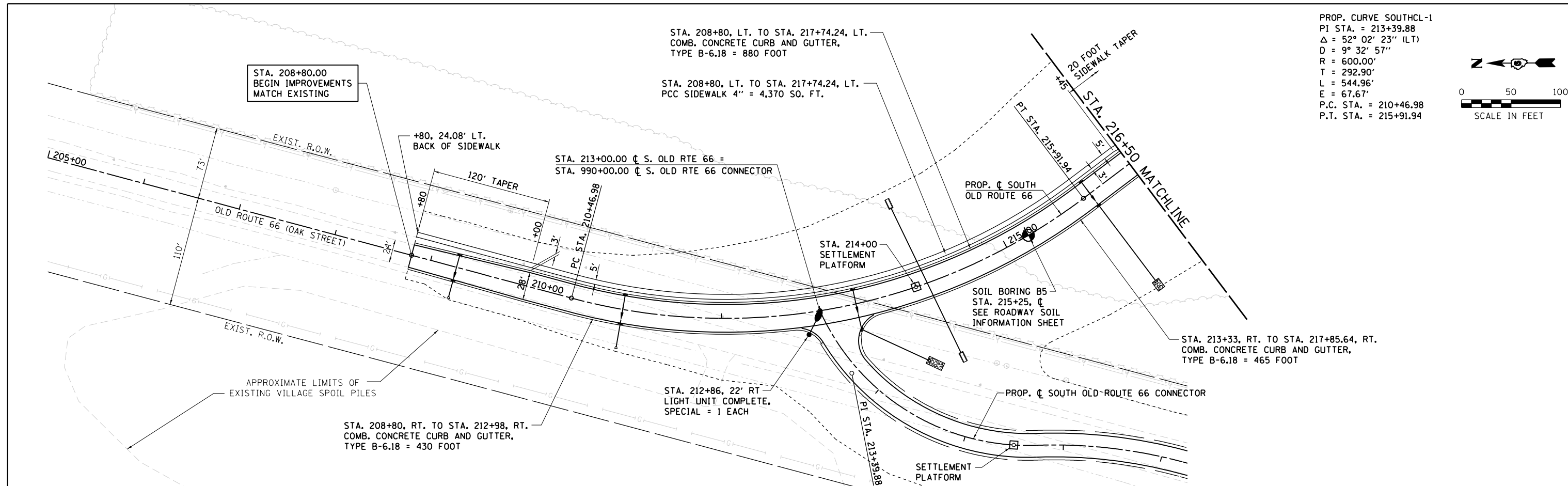
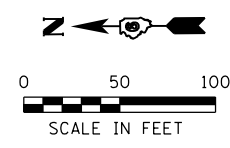
**VILLAGE OF WILLIAMSVILLE  
SOUTH OLD ROUTE 66 OVERPASS**

**RIGHT OF WAY PLANS**

SCALE: SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	15
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				

PROP. CURVE SOUTHCL-1  
 PI STA. = 213+39.88  
 $\Delta = 52^\circ 02' 23''$  (LT)  
 $D = 9^\circ 32' 57''$   
 $R = 600.00'$   
 $T = 292.90'$   
 $L = 544.96'$   
 $E = 67.67'$   
 P.C. STA. = 210+46.98  
 P.T. STA. = 215+91.94

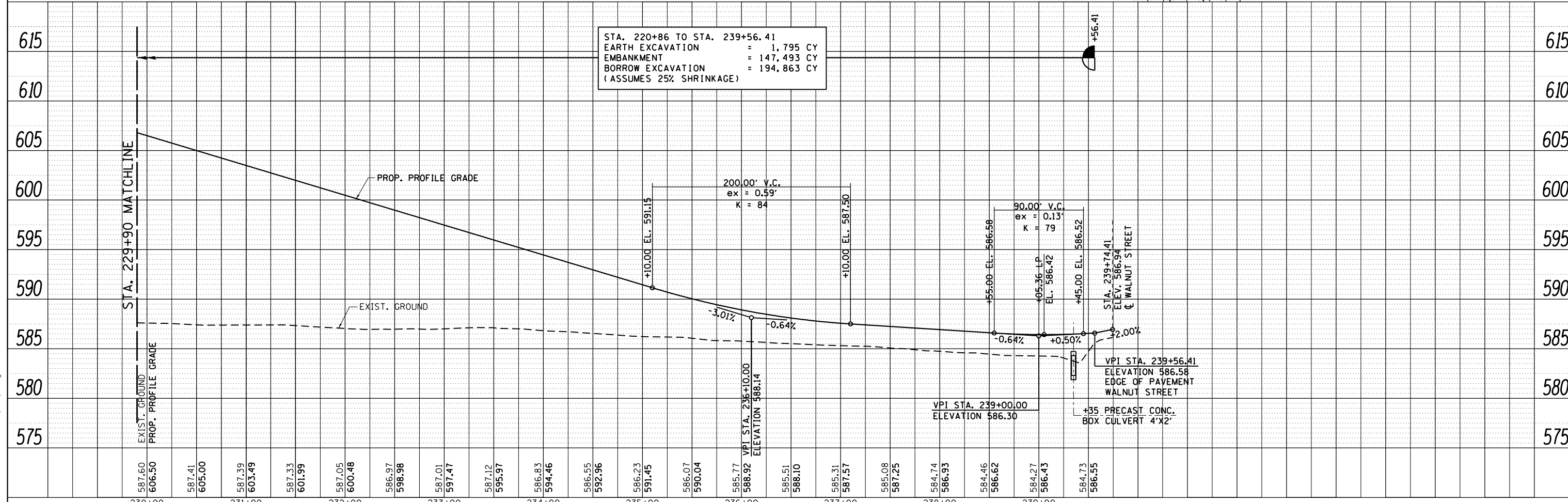
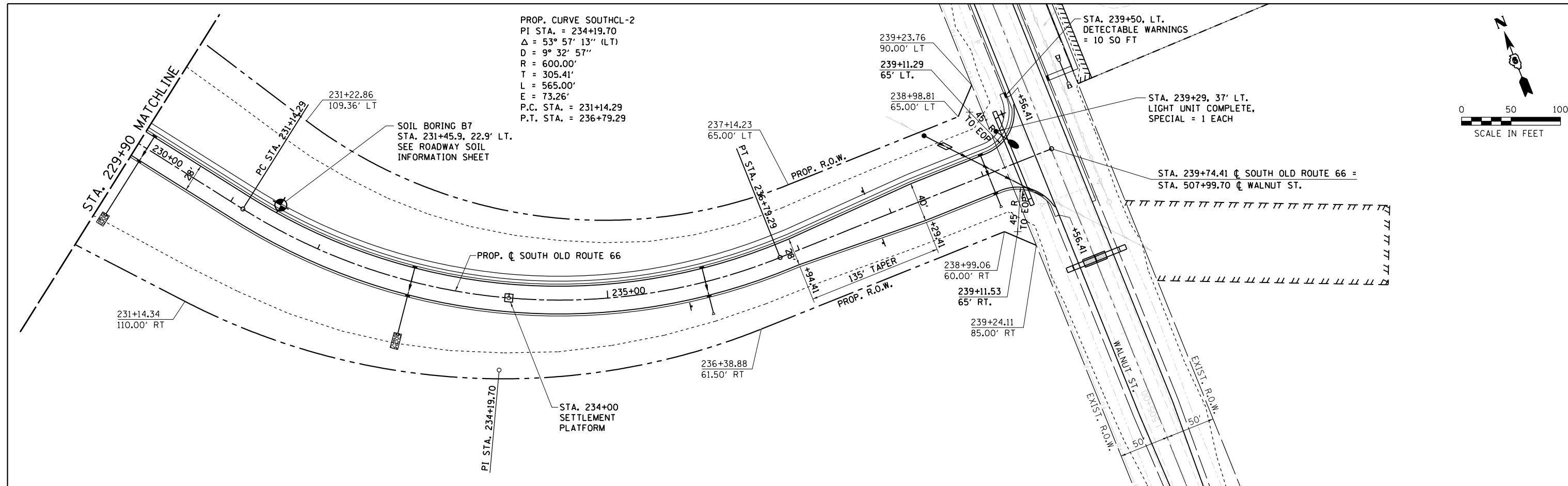
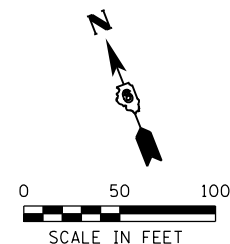


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<b>KUHN &amp; TRELLO</b> CONSULTING ENGINEERS A Limited Liability Company 109 N. 7th Street, 3rd Floor Springfield, IL 62702 Phone: 217-678-0244	USER NAME = msutheard FILE NAME = 13001.02-sht-plnprf01.dgn PLOT SCALE = 100.0000' / 1". PLOT DATE = 3/9/2018	DESIGNED - MDS DRAWN - MDS CHECKED - CMM DATE - 8/24/17	REVISED - REVISED - REVISED - REVISED -	<b>VILLAGE OF WILLIAMSVILLE</b> <b>SOUTH OLD ROUTE 66 OVERPASS</b>	<b>PLAN AND PROFILE</b> <b>SOUTH OLD ROUTE 66</b>	SCALE: 1" = 50' SHEET NO. 1 OF 5 SHEETS STA. 217+00.00 TO STA. 230+00.00	F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.	12-00008-00-BR SANGAMON 118 16	CONTRACT NO. 93679 ILLINOIS FED. AID PROJECT

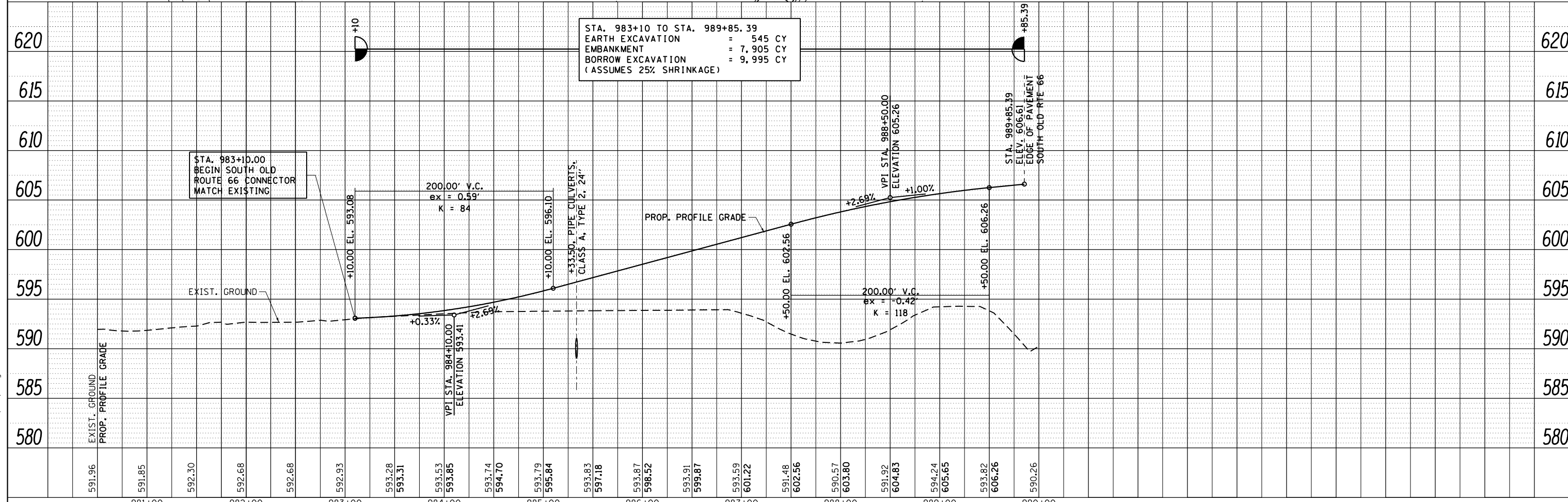
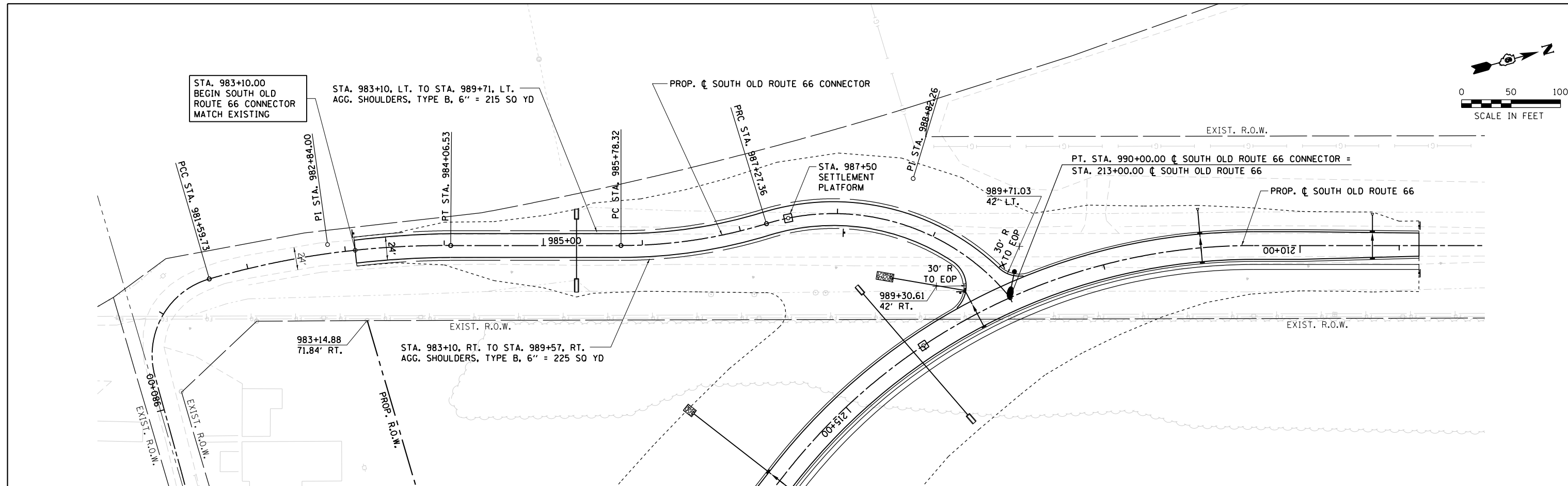
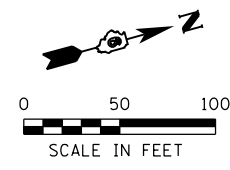






KUHN & TRELLO CONSULTING ENGINEERS A Limited Liability Company 309 N. 7th Street, 3rd Floor Springfield, IL 62702 Phone: 217-678-0244	USER NAME = msutheard FILE NAME = 13001.02-sht-plnprf03.dgn PLOT SCALE = 100.0000' / 1". PLOT DATE = 3/9/2018	DESIGNED - MDS DRAWN - MDS CHECKED - CMM DATE - 8/24/17	REVISED - REVISED - REVISED - REVISED -	<b>VILLAGE OF WILLIAMSVILLE          SOUTH OLD ROUTE 66 OVERPASS</b>	<b>PLAN AND PROFILE          SOUTH OLD ROUTE 66</b>	SCALE: 1" = 50' SHEET NO. 3 OF 5 SHEETS STA. 217+00.00 TO STA. 230+00.00	F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. CONTRACT NO.	12-00008-00-BR SANGAMON 118 18 93679	ILLINOIS FED. AID PROJECT
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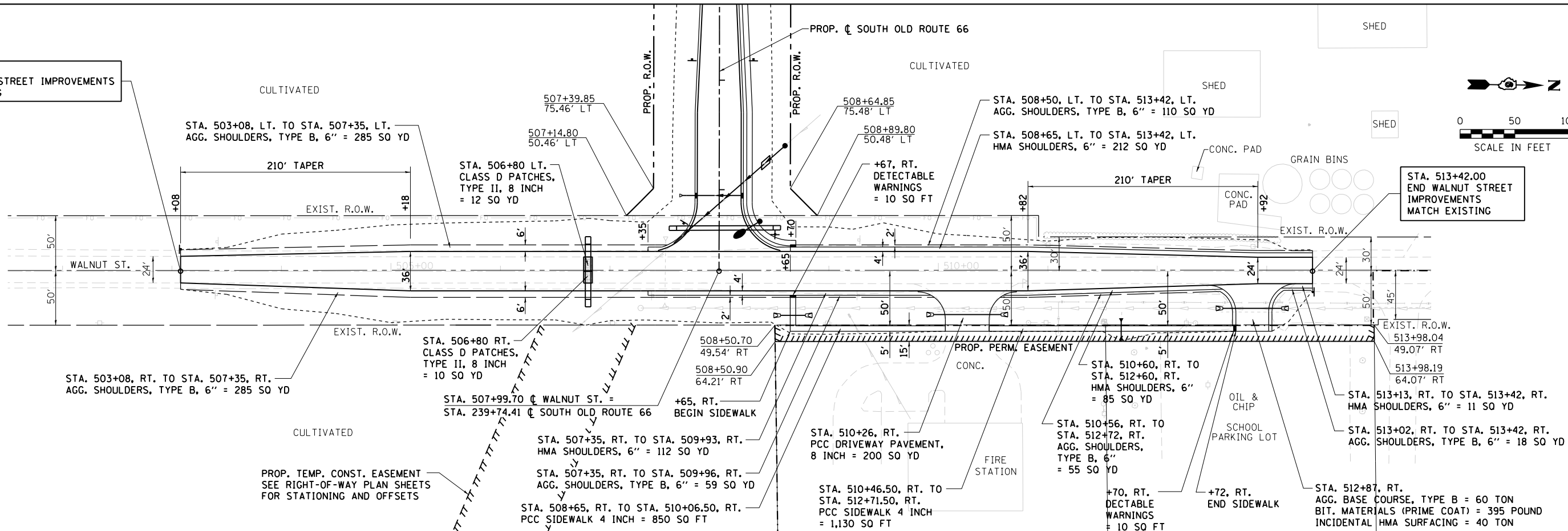
STA. 983+10 TO STA. 989+85.39  
 EARTH EXCAVATION = 545 CY  
 EMBANKMENT = 7,905 CY  
 BORROW EXCAVATION = 9,995 CY  
 (ASSUMES 25% SHRINKAGE)

STA. 983+10.00  
 BEGIN SOUTH OLD  
 ROUTE 66 CONNECTOR  
 MATCH EXISTING

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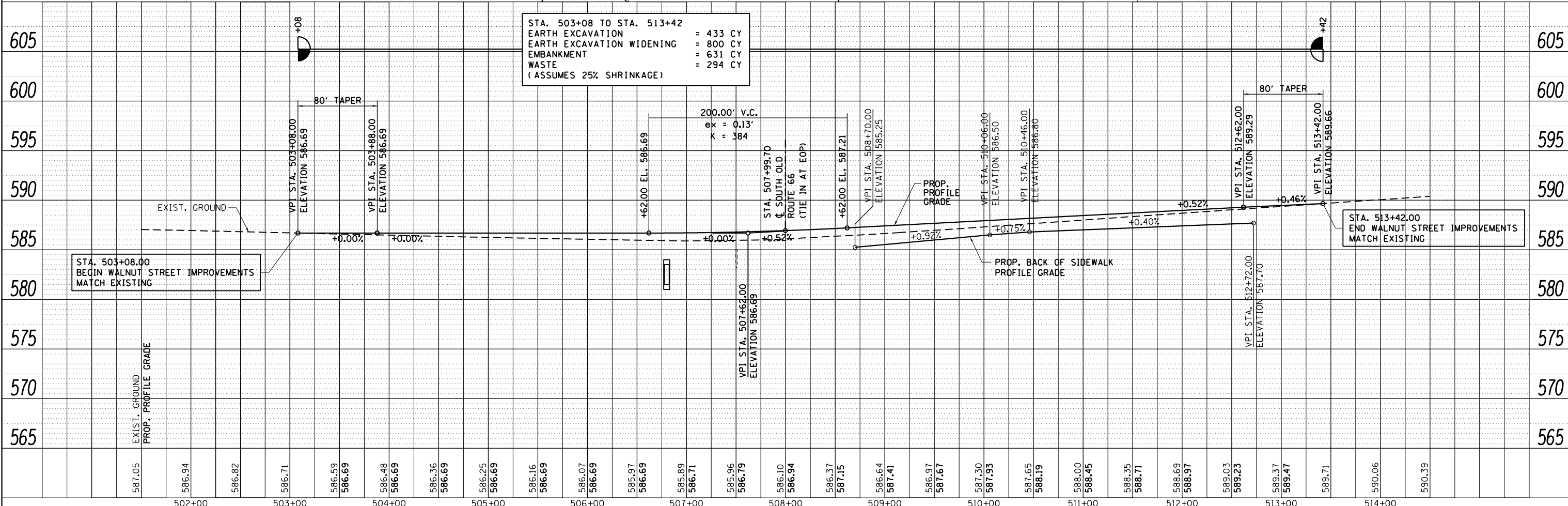
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STA. 503+08.00  
BEGIN WALNUT STREET IMPROVEMENTS  
MATCH EXISTING



STA. 503+08 TO STA. 513+42  
EARTH EXCAVATION = 433 CY  
EARTH EXCAVATION WIDENING = 800 CY  
EMBANKMENT = 631 CY  
WASTE = 294 CY  
(ASSUMES 25% SHRINKAGE)

STA. 513+42.00  
END WALNUT STREET IMPROVEMENTS  
MATCH EXISTING



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CONSULTING ENGINEERS  
A Limited Liability Company  
109 N. 7th Street, 3rd Floor  
Springfield, IL 62702  
Phone: 217-678-0244

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DATE - 7/31/15	REVISED -

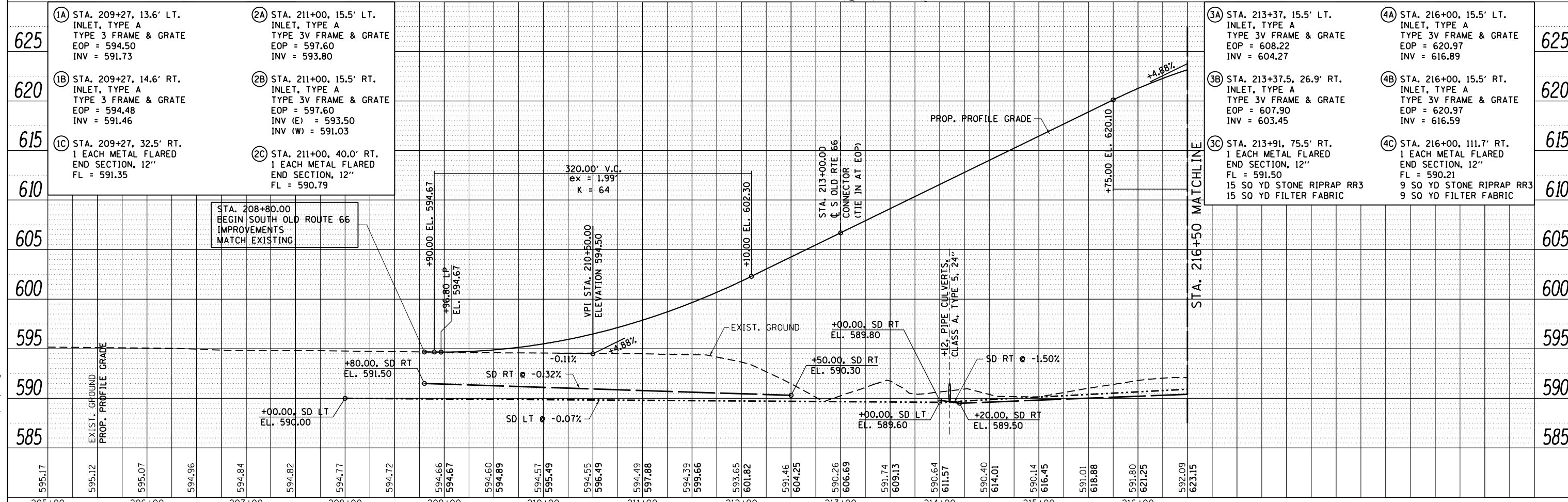
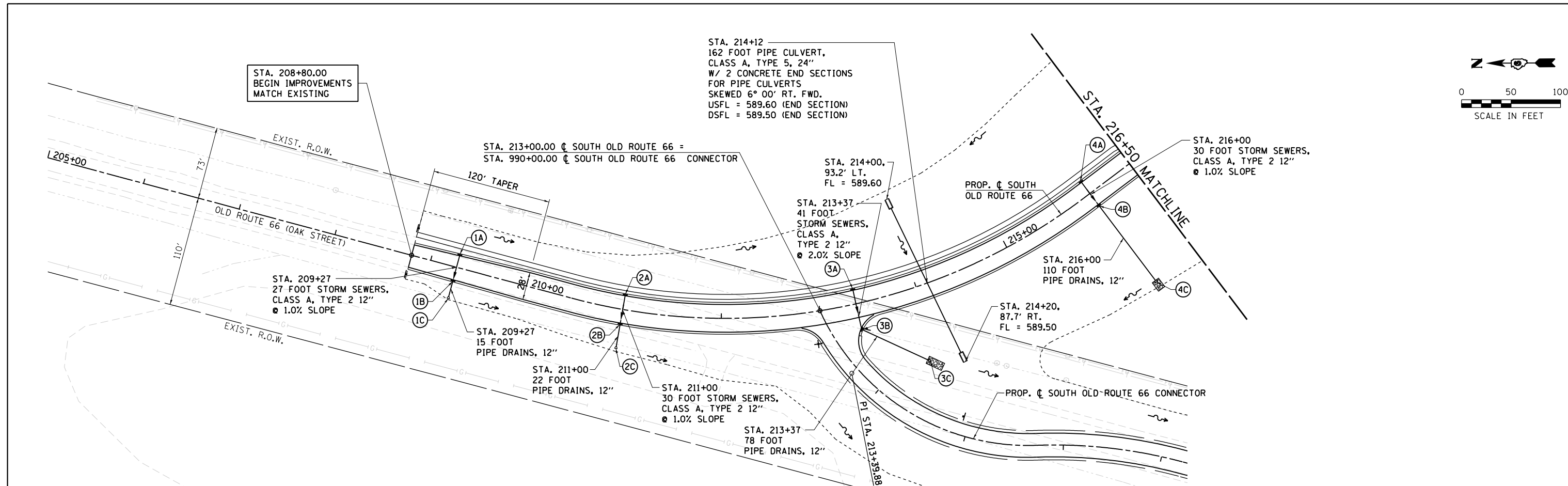
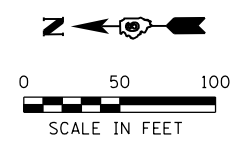
**VILLAGE OF WILLIAMSVILLE  
SOUTH OLD ROUTE 66 OVERPASS**

**PLAN AND PROFILE  
WALNUT STREET**

SCALE: 1" = 50' SHEET NO. 5 OF 5 SHEETS STA. 503+07.82 TO STA. 513+41.82

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	20
CONTRACT NO. 93679			ILLINOIS FED. AID PROJECT	

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625	1A STA. 209+27, 13.6' LT. INLET, TYPE A TYPE 3 FRAME & GRATE EOP = 594.50 INV = 591.73	2A STA. 211+00, 15.5' LT. INLET, TYPE A TYPE 3V FRAME & GRATE EOP = 597.60 INV = 593.80
620	1B STA. 209+27, 14.6' RT. INLET, TYPE A TYPE 3 FRAME & GRATE EOP = 594.48 INV = 591.46	2B STA. 211+00, 15.5' RT. INLET, TYPE A TYPE 3V FRAME & GRATE EOP (E) = 593.50 INV (W) = 591.03
615	1C STA. 209+27, 32.5' RT. 1 EACH METAL FLARED END SECTION, 12" FL = 591.35	2C STA. 211+00, 40.0' RT. 1 EACH METAL FLARED END SECTION, 12" FL = 590.79

625	3A STA. 213+37, 15.5' LT. INLET, TYPE A TYPE 3V FRAME & GRATE EOP = 608.22 INV = 604.27	4A STA. 216+00, 15.5' LT. INLET, TYPE A TYPE 3V FRAME & GRATE EOP = 620.97 INV = 616.89
620	3B STA. 213+37.5, 26.9' RT. INLET, TYPE A TYPE 3V FRAME & GRATE EOP = 607.90 INV = 603.45	4B STA. 216+00, 15.5' RT. INLET, TYPE A TYPE 3V FRAME & GRATE EOP = 620.97 INV = 616.59
615	3C STA. 213+91, 75.5' RT. 1 EACH METAL FLARED END SECTION, 12" FL = 591.50	4C STA. 216+00, 111.7' RT. 1 EACH METAL FLARED END SECTION, 12" FL = 590.21
610	15 SO YD STONE RIPRAP RR3	15 SO YD FILTER FABRIC
610	15 SO YD FILTER FABRIC	9 SO YD STONE RIPRAP RR3
610		9 SO YD FILTER FABRIC

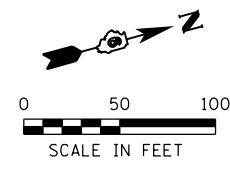
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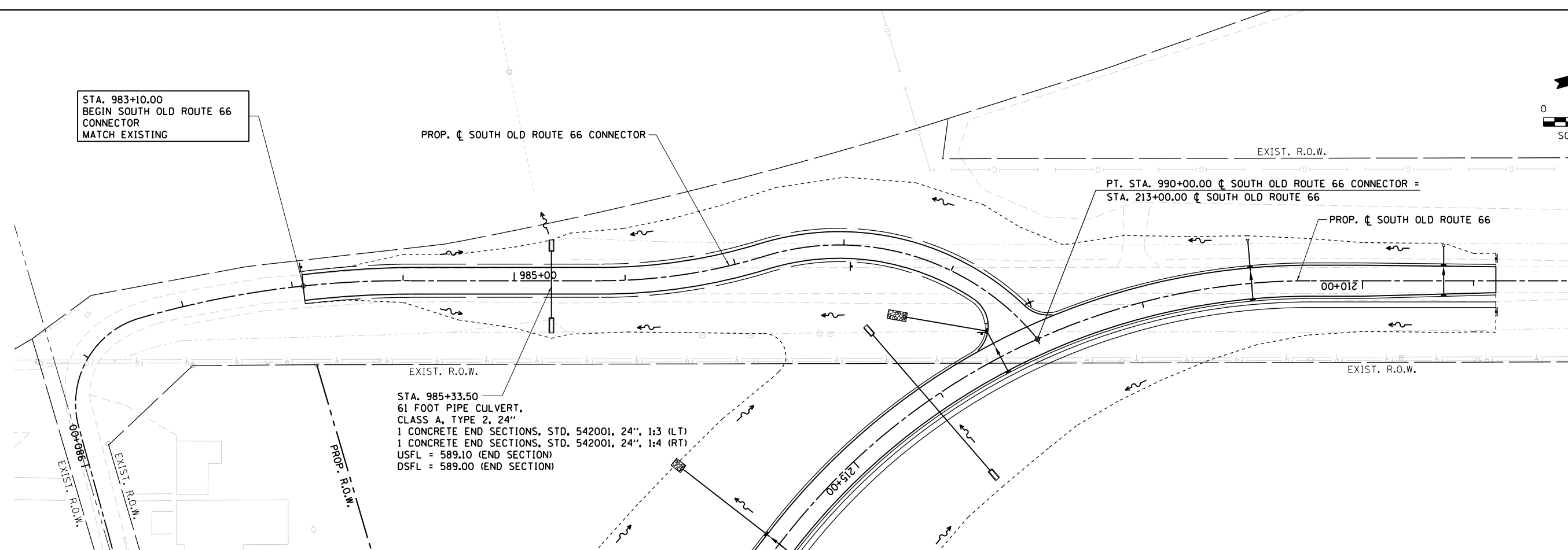








STA. 983+10.00  
BEGIN SOUTH OLD ROUTE 66  
CONNECTOR  
MATCH EXISTING



PROP. C SOUTH OLD ROUTE 66 CONNECTOR

EXIST. R.O.W.

PT. STA. 990+00.00 C SOUTH OLD ROUTE 66 CONNECTOR =  
STA. 213+00.00 C SOUTH OLD ROUTE 66

PROP. C SOUTH OLD ROUTE 66

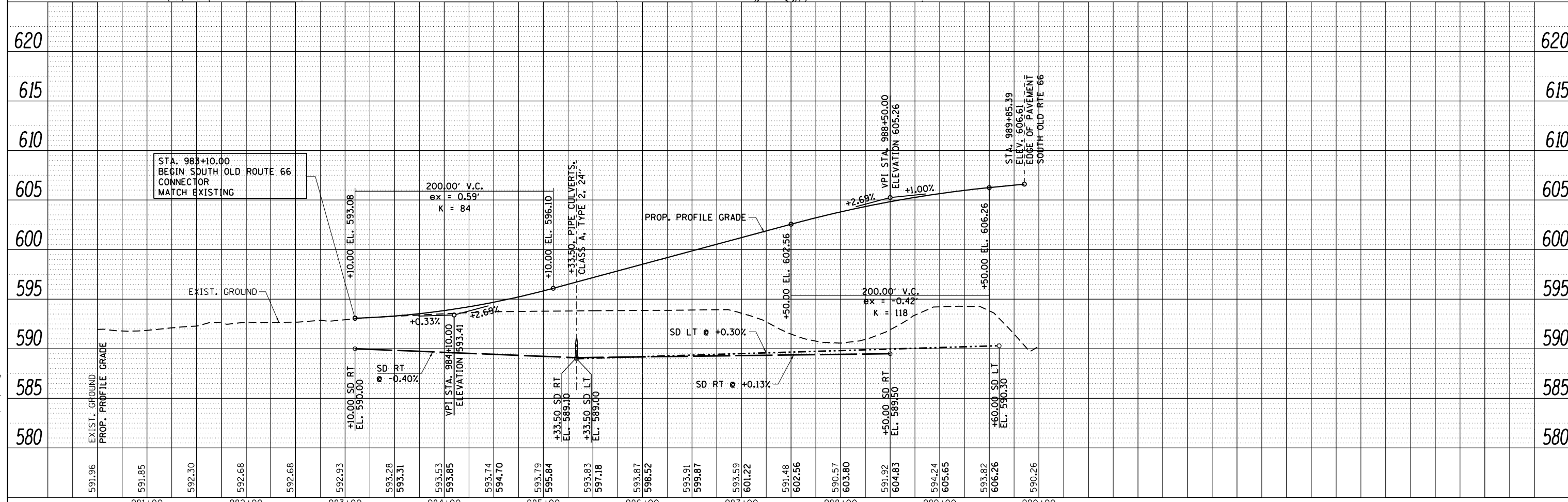
EXIST. R.O.W.

STA. 985+33.50  
61 FOOT PIPE CULVERT,  
CLASS A, TYPE 2, 24"  
1 CONCRETE END SECTIONS, STD. 542001, 24", 1:3 (LT)  
1 CONCRETE END SECTIONS, STD. 542001, 24", 1:4 (RT)  
USFL = 589.10 (END SECTION)  
DSFL = 589.00 (END SECTION)

EXIST. R.O.W.

EXIST. R.O.W.

PROP. R.O.W.



STA. 983+10.00  
BEGIN SOUTH OLD ROUTE 66  
CONNECTOR  
MATCH EXISTING

200.00' V.C.  
ex = 0.59'  
K = 84

33.50' PIPE CULVERTS,  
CLASS A, TYPE 2, 24"

+2.69%  
+1.00%

200.00' V.C.  
ex = -0.42'  
K = 118

STA. 989+85.39  
ELEV. 606.61  
EDGE OF PAVEMENT  
SOUTH OLD RTE 66

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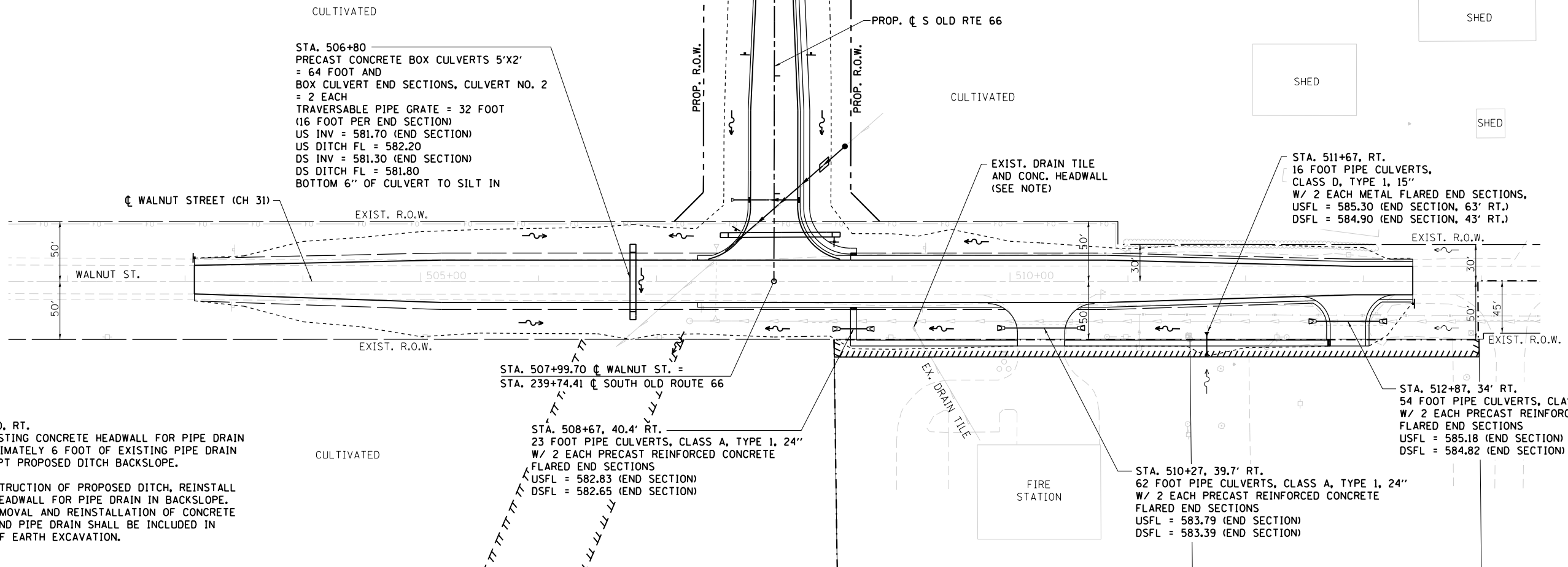
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VILLAGE OF WILLIAMSVILLE  
SOUTH OLD ROUTE 66 OVERPASS

DRAINAGE PLAN AND PROFILE  
SOUTH OLD ROUTE 66 CONNECTOR

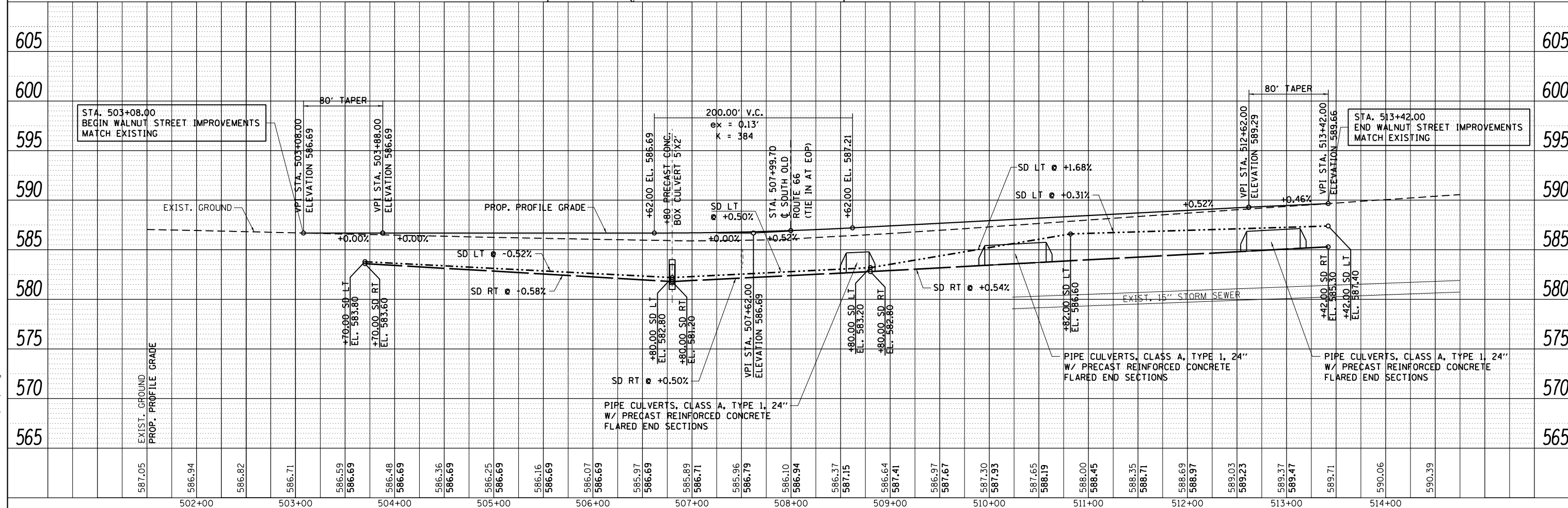
SCALE: 1" = 50' SHEET NO. 4 OF 5 SHEETS STA. 983+10.00 TO STA. 990+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	24
			CONTRACT NO. 93679	
ILLINOIS FED. AID PROJECT				



NOTE: STA. 509+20, RT. REMOVE EXISTING CONCRETE HEADWALL FOR PIPE DRAIN AND APPROXIMATELY 6 FOOT OF EXISTING PIPE DRAIN TO INTERCEPT PROPOSED DITCH BACKSLOPE.

AFTER CONSTRUCTION OF PROPOSED DITCH, REINSTALL CONCRETE HEADWALL FOR PIPE DRAIN IN BACKSLOPE. COST OF REMOVAL AND REINSTALLATION OF CONCRETE HEADWALL AND PIPE DRAIN SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.



**KT**  
**KUHN & TRELLO**  
 CONSULTING ENGINEERS  
 A Limited Liability Company  
 109 N. 7th Street, 3rd Floor  
 Springfield, IL 62702  
 Phone: 217-678-0244

USER NAME = msutheard	DESIGNED - MDS	REVISED - 2/01/16 IDOT REVIEW
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PLOT DATE = 3/9/2018	DATE - 7/31/15	REVISED -

**VILLAGE OF WILLIAMSVILLE**  
**SOUTH OLD ROUTE 66 OVERPASS**

**DRAINAGE PLAN AND PROFILE**  
**WALNUT STREET**

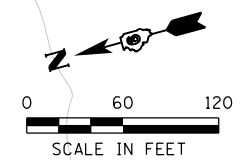
SCALE: 1" = 50' SHEET NO. 5 OF 5 SHEETS STA. 503+07.82 TO STA. 513+41.82

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	25
CONTRACT NO. 93679			ILLINOIS FED. AID PROJECT	

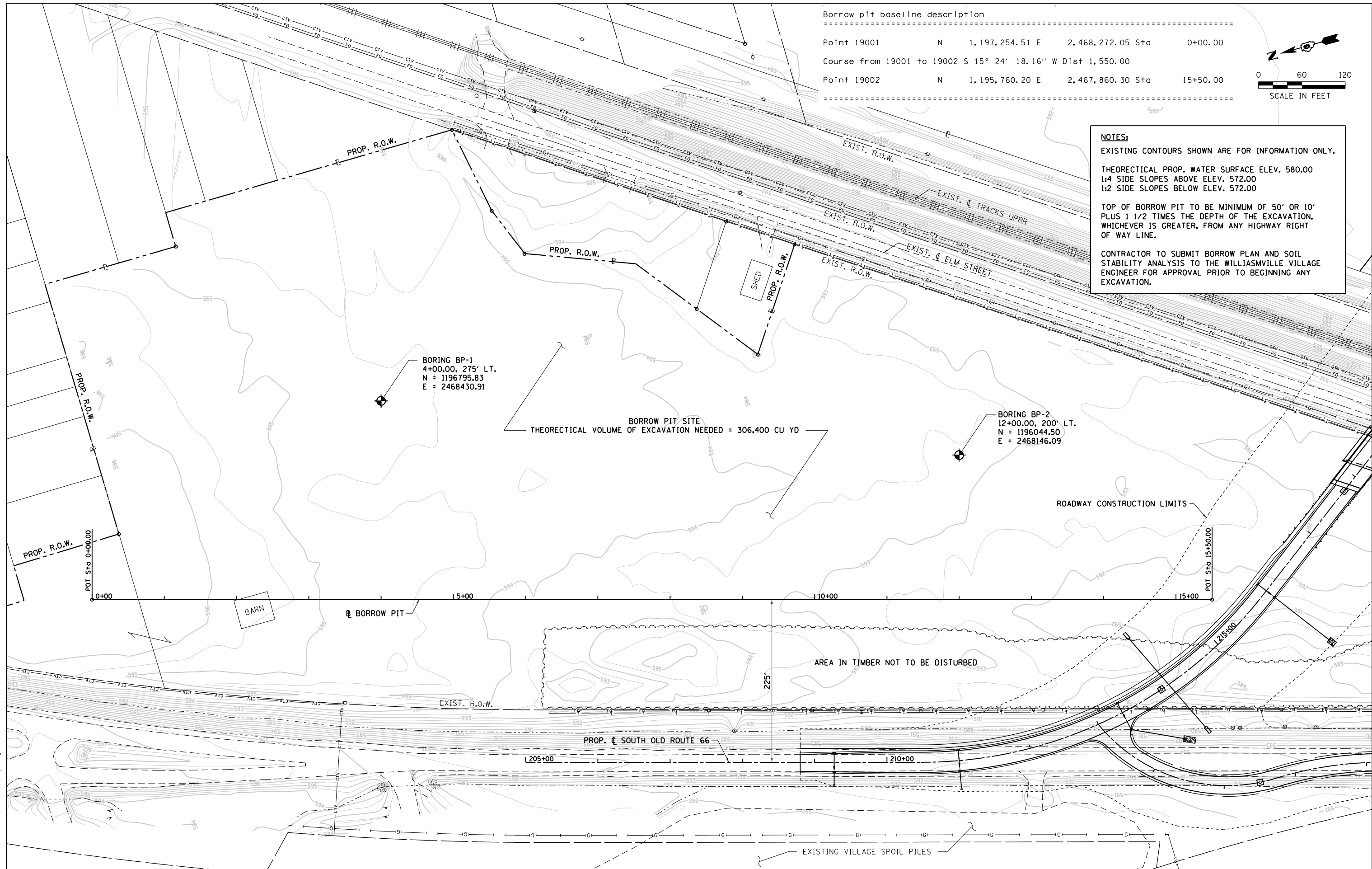
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Borrow pit baseline description

Point 19001	N	1,197,254.51 E	2,468,272.05 Sta	0+00.00
Course from 19001 to 19002 S 15° 24' 18.16" W Dist 1,550.00				
Point 19002	N	1,195,760.20 E	2,467,860.30 Sta	15+50.00



**NOTES:**  
 EXISTING CONTOURS SHOWN ARE FOR INFORMATION ONLY.  
 THEORETICAL PROP. WATER SURFACE ELEV. 580.00  
 1:4 SIDE SLOPES ABOVE ELEV. 572.00  
 1:2 SIDE SLOPES BELOW ELEV. 572.00  
 TOP OF BORROW PIT TO BE MINIMUM OF 50' OR 10' PLUS 1 1/2 TIMES THE DEPTH OF THE EXCAVATION, WHICHEVER IS GREATER, FROM ANY HIGHWAY RIGHT OF WAY LINE.  
 CONTRACTOR TO SUBMIT BORROW PLAN AND SOIL STABILITY ANALYSIS TO THE WILLIAMSVILLE VILLAGE ENGINEER FOR APPROVAL PRIOR TO BEGINNING ANY EXCAVATION.



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**KT KUHN & TRELLO**  
 CONSULTING ENGINEERS  
 A Limited Liability Company  
 309 N. 7th Street, 3rd Floor  
 Springfield, IL 62702  
 Phone: 217-478-0244  
 Professional Design Firm No. 284-006516

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 PLOT DATE = 3/9/2018

DESIGNED - MDS	REVISED -
DRAWN - MDS	REVISED -
CHECKED - CMM	REVISED -
DATE - 11/03/17	REVISED -

**VILLAGE OF WILLIAMSVILLE  
 SOUTH OLD ROUTE 66 OVERPASS**

**BORROW SITE TOPOGRAPHY**

SCALE: 1" = 60'  
 SHEET NO. OF SHEETS STA. TO STA.

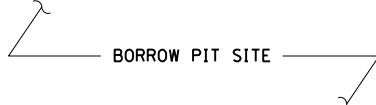
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	12-00008-00-BR	SANGAMON	118	26
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				

**NOTES:**

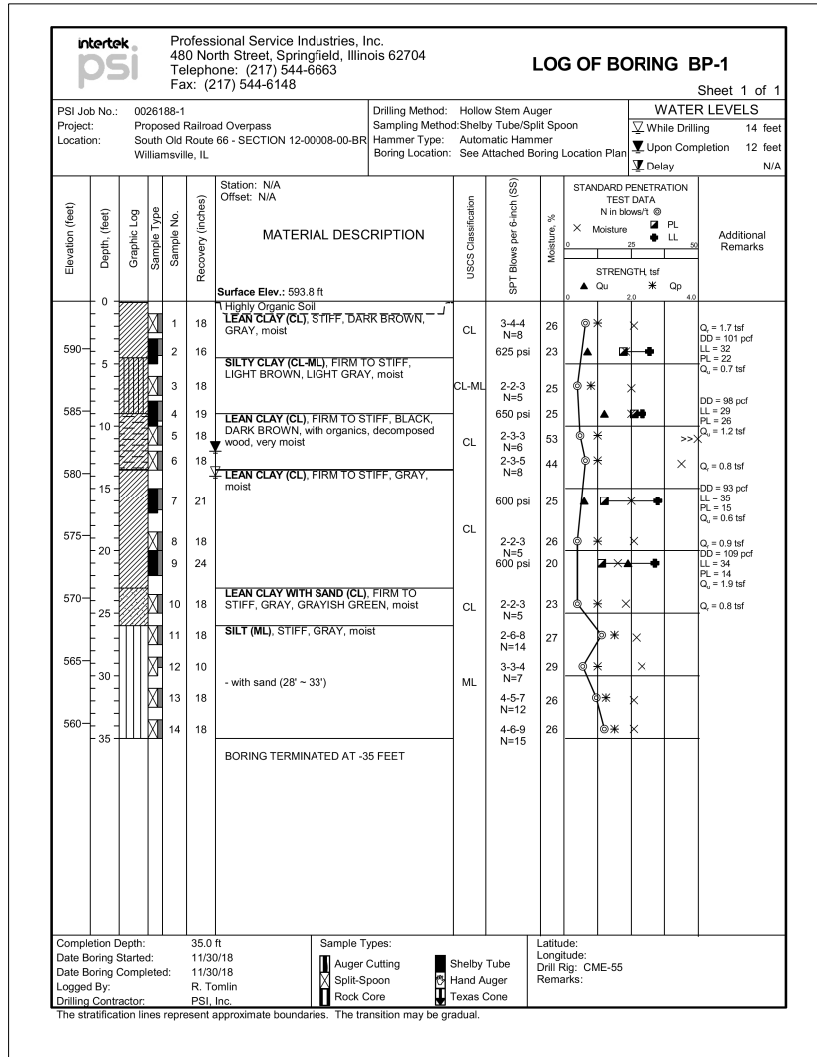
MATERIAL IN EXISTING VILLAGE SPOIL PILES SHALL BE CONSIDERED AS BORROW EXCAVATION AND SHALL BE INCORPORATED INTO EMBANKMENTS NEAR THE HORIZONTAL CENTER OF THE FILL.

IN ADDITION TO EARTH, EXISTING SPOIL PILES MAY CONTAIN PIECES OF CONCRETE OR ROCK. ALL MATERIAL SHALL BE INCORPORATED INTO EMBANKMENTS IN ACCORDANCE WITH ARTICLE 205 OF THE STANDARD SPECIFICATIONS.

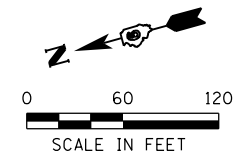
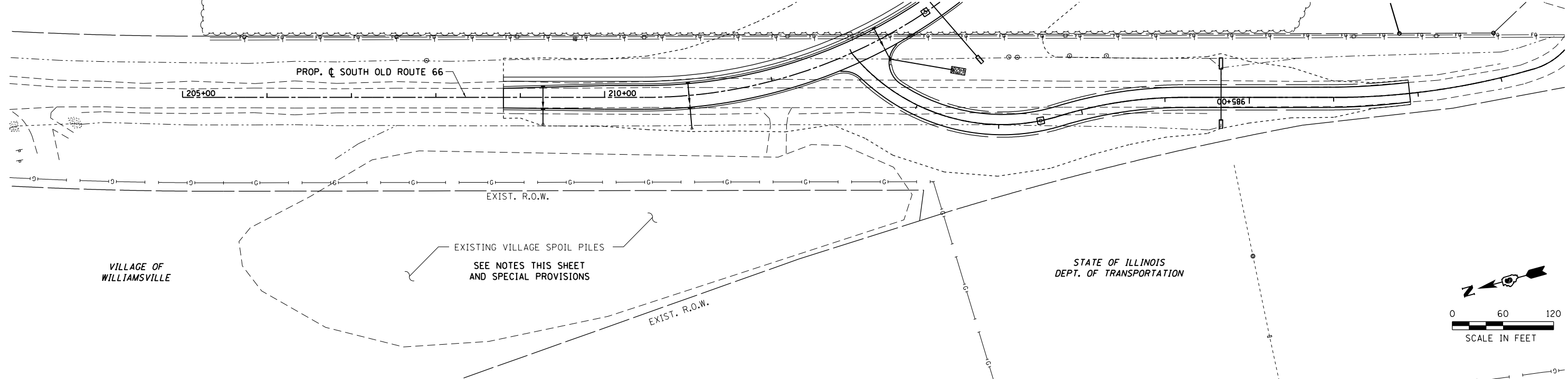
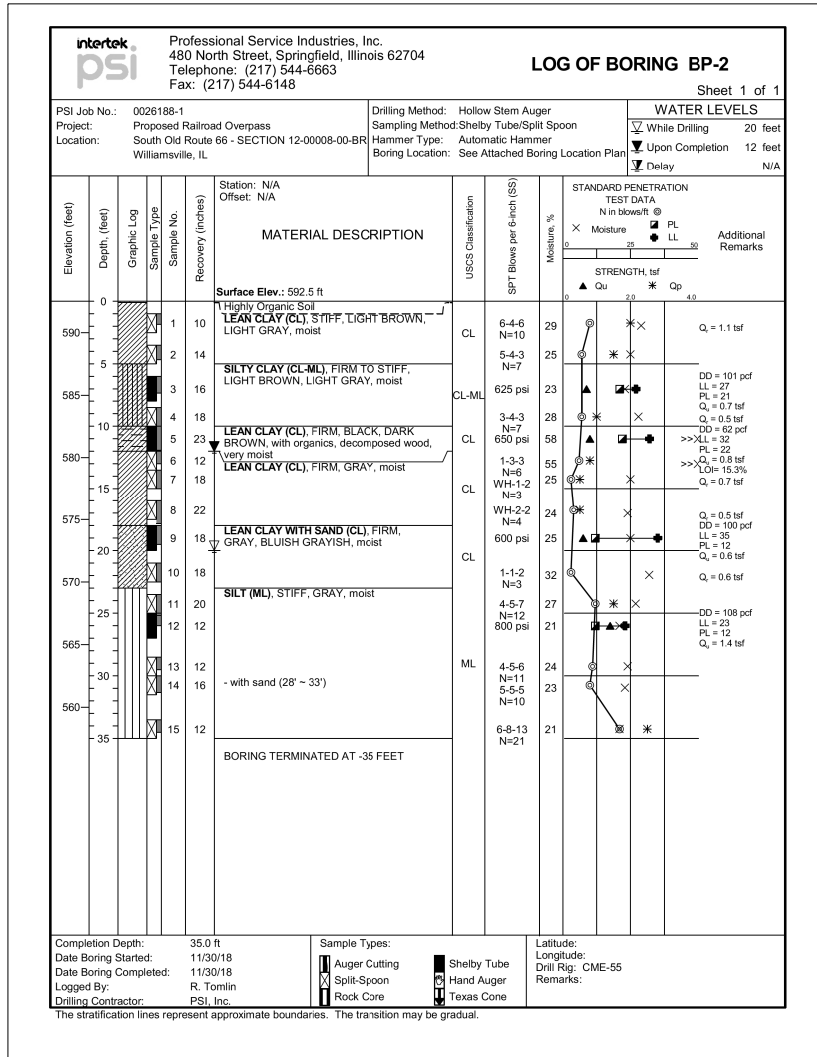
FINAL SURFACE OF SPOIL AREA SHALL BE GRADED AND SHAPED TO DRAIN AND SEEDED IN ACCORDANCE WITH ARTICLE 204.02 OF THE STANDARD SPECIFICATIONS.



**BORING BP-1**



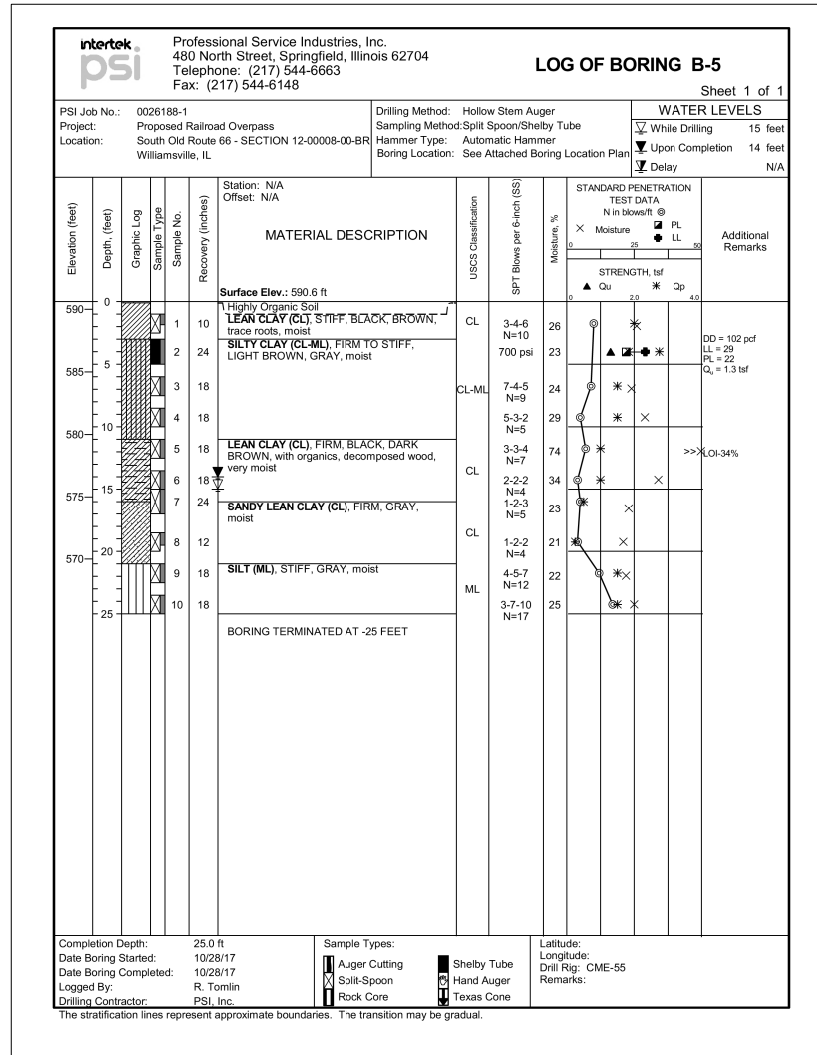
**BORING BP-2**



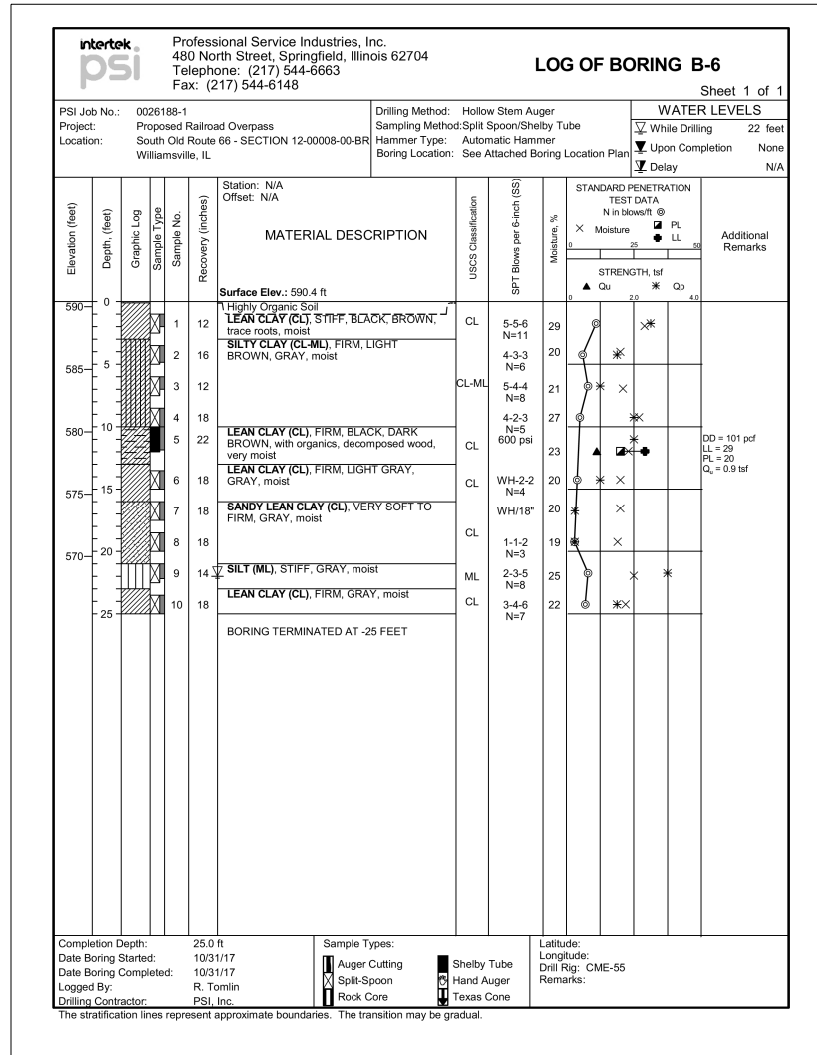
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	USER NAME = msutheard FILE NAME = 13001.02-sht-Borrow02.dgn PLOT SCALE = 1/20000 PLOT DATE = 3/9/2018	DESIGNED - MDS DRAWN - MDS CHECKED - CMM DATE - 11/03/17	REVISED - REVISED - REVISED - REVISED -	<b>VILLAGE OF WILLIAMSVILLE SOUTH OLD ROUTE 66 OVERPASS</b>	<b>BORROW SITE SOIL INFORMATION</b>	SCALE: 1" = 60' SHEET NO. OF SHEETS STA. TO STA.	F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 12-0008-00-BR SANGAMON 118 27 CONTRACT NO. 93679 ILLINOIS FED. AID PROJECT
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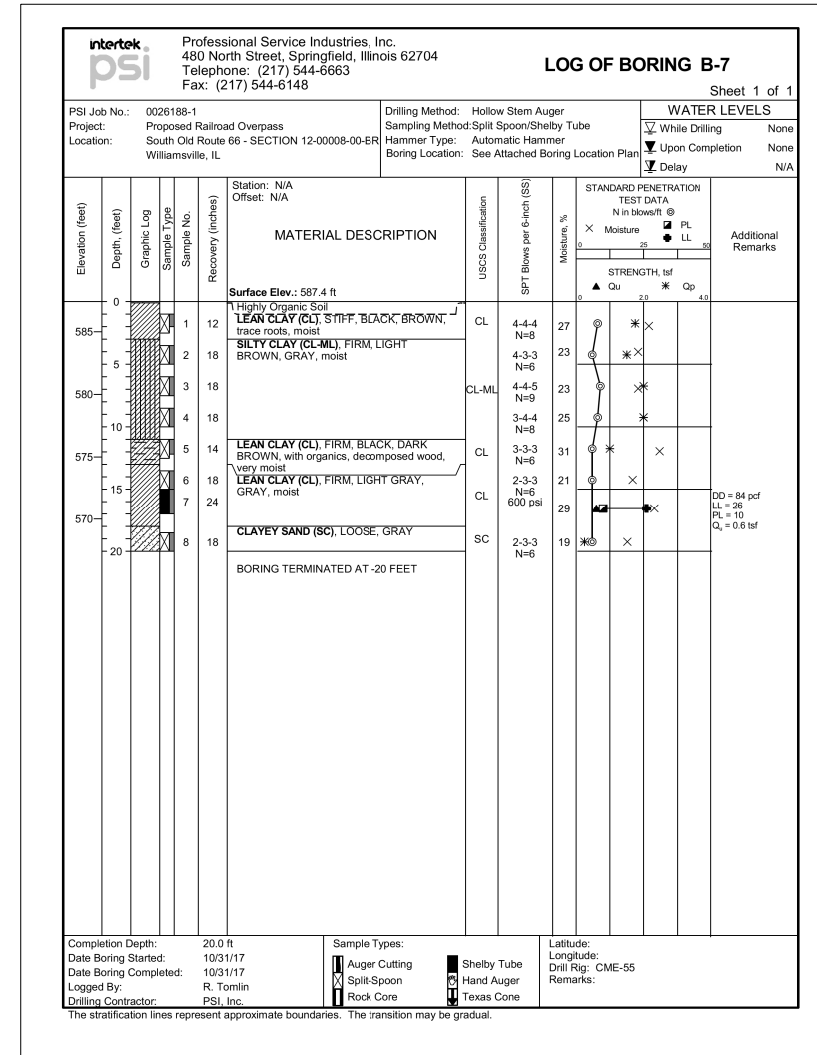
**BORING B5**



**BORING B6**



**BORING B7**



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DESIGNED - MDS  
 DRAWN - MDS  
 CHECKED - CMM  
 DATE - 11/14/17

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -


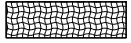


**VILLAGE OF WILLIAMSVILLE  
 SOUTH OLD ROUTE 66 OVERPASS**

**ROADWAY SOIL INFORMATION**

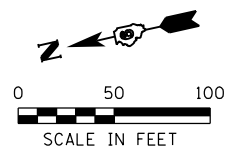
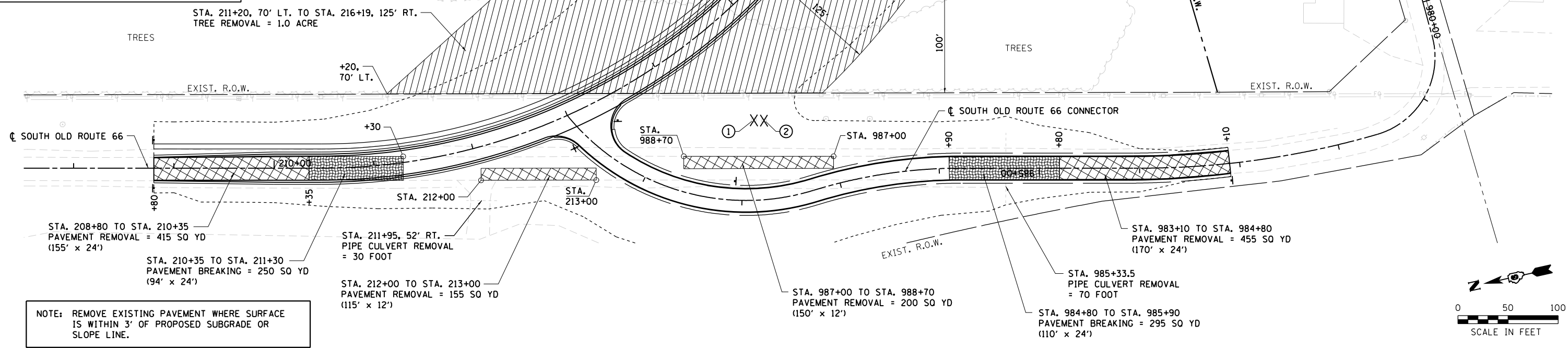
SCALE: 1" = 60' SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	28
			CONTRACT NO. 93679	
ILLINOIS FED. AID PROJECT				

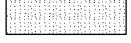


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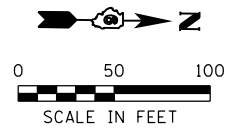
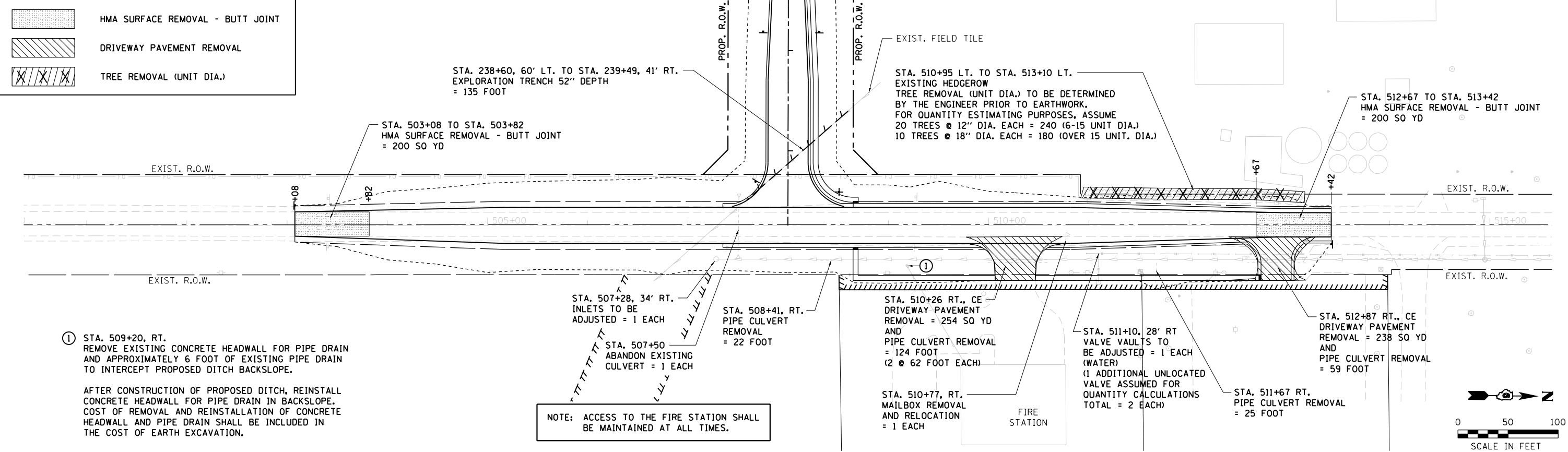
-  PAVEMENT REMOVAL
-  PAVEMENT BREAKING
-  TREE REMOVAL, ACRES
-  TREE REMOVAL (UNIT DIA.)

- ① STA. 214+45, 100' RT.  
TREE REMOVAL = 24 UNIT DIA.
- ② STA. 214+52, 107' RT.  
TREE REMOVAL = 24 UNIT DIA.



**LEGEND**

-  HMA SURFACE REMOVAL - BUTT JOINT
-  DRIVEWAY PAVEMENT REMOVAL
-  TREE REMOVAL (UNIT DIA.)



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DESIGNED - MDS	REVISED -
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DATE - 7/31/15	REVISED -

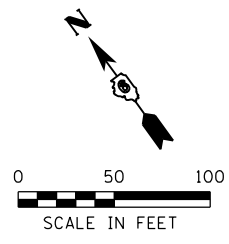
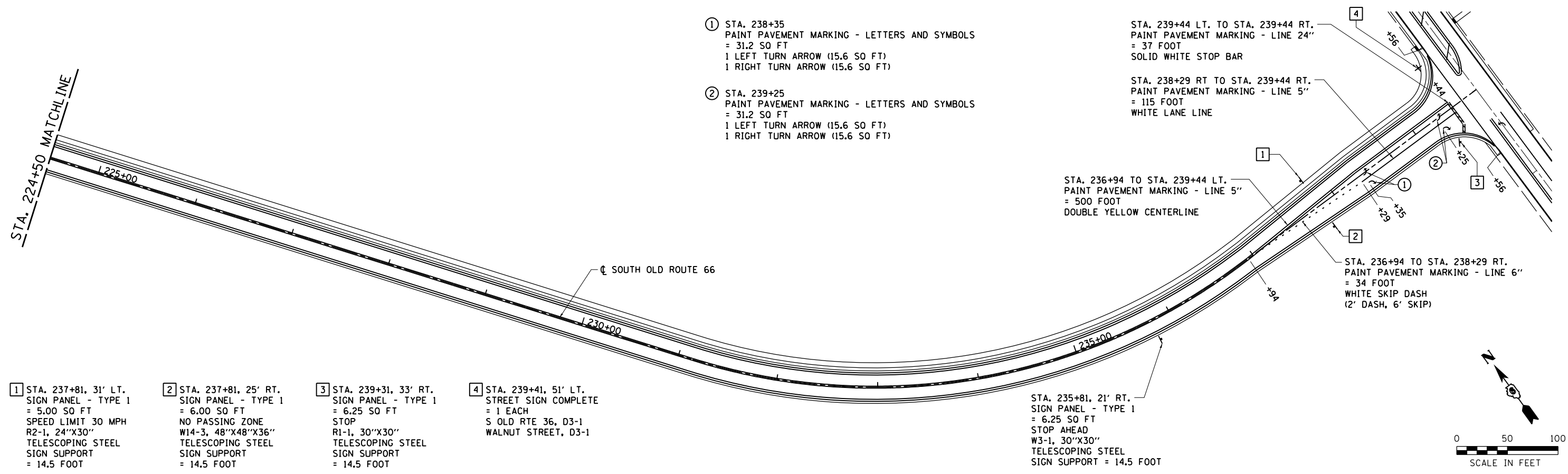
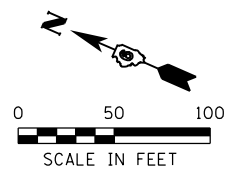
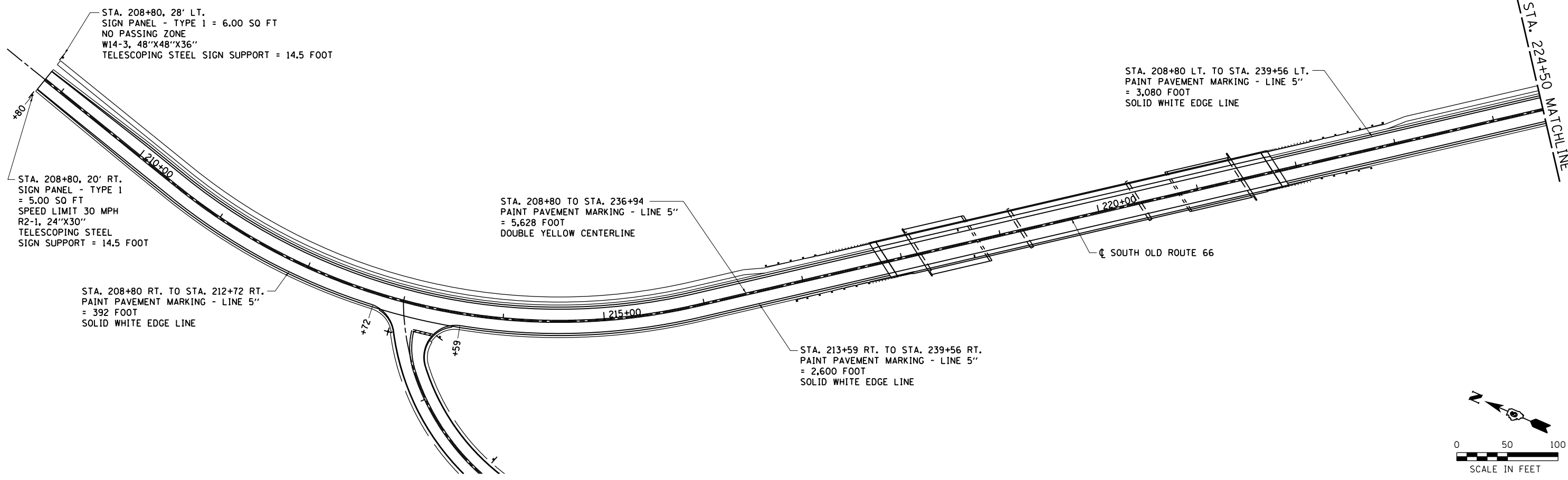
**VILLAGE OF WILLIAMSVILLE  
SOUTH OLD ROUTE 66 OVERPASS**

**REMOVAL AND ADJUSTMENT PLAN**

SCALE: 1" = 50' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	29
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				





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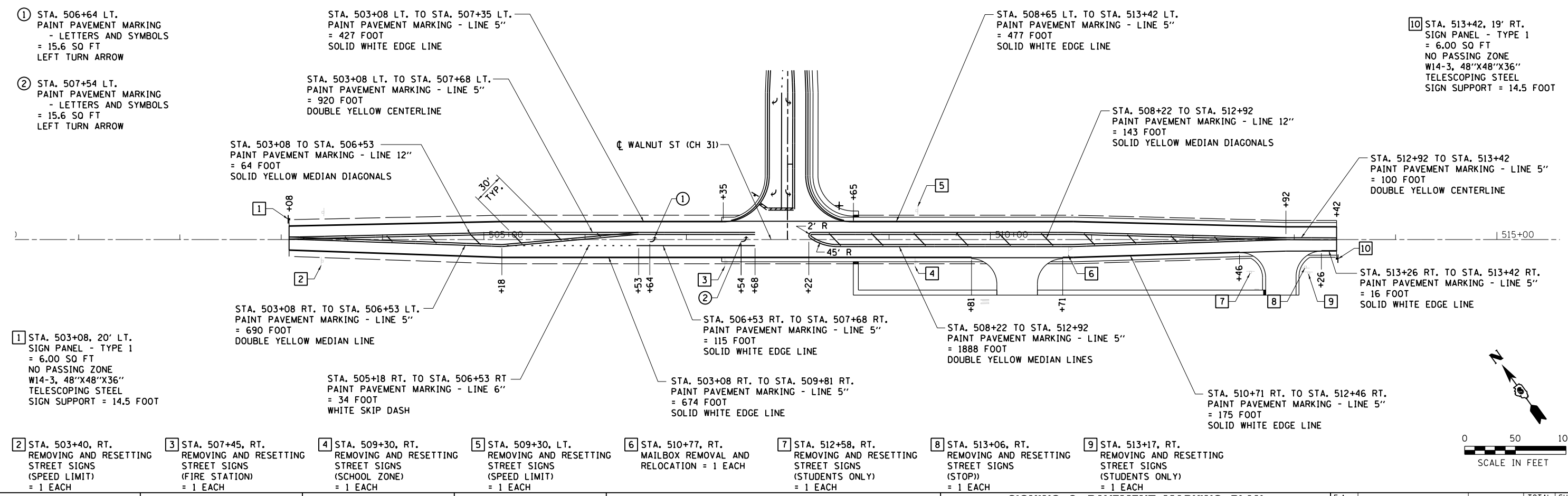
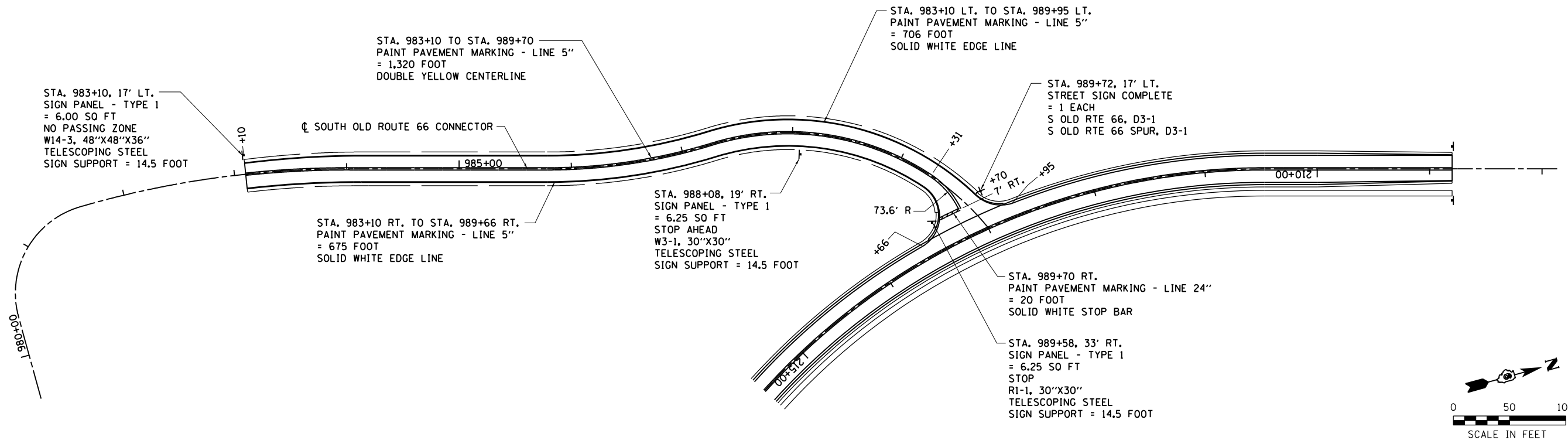
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PLOT DATE = 3/9/2018	DATE - 7/31/15	REVISED -

**VILLAGE OF WILLIAMSVILLE**  
**SOUTH OLD ROUTE 66 OVERPASS**

**SIGNING & PAVEMENT MARKING PLAN**  
**MAINLINE**

SCALE: 1" = 50'    SHEET NO. 1 OF 2 SHEETS    STA. 208+80.00 TO STA. 209+56.41

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	30
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				



1 STA. 506+64 LT. PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS = 15.6 SQ FT LEFT TURN ARROW	2 STA. 507+54 LT. PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS = 15.6 SQ FT LEFT TURN ARROW	3 STA. 503+08, 20' LT. SIGN PANEL - TYPE 1 = 6.00 SQ FT NO PASSING ZONE W14-3, 48''X48''X36'' TELESCOPING STEEL SIGN SUPPORT = 14.5 FOOT	4 STA. 503+40, RT. REMOVING AND RESETTING STREET SIGNS (SPEED LIMIT) = 1 EACH	5 STA. 507+45, RT. REMOVING AND RESETTING STREET SIGNS (FIRE STATION) = 1 EACH	6 STA. 509+30, RT. REMOVING AND RESETTING STREET SIGNS (SCHOOL ZONE) = 1 EACH	7 STA. 509+30, LT. REMOVING AND RESETTING STREET SIGNS (SPEED LIMIT) = 1 EACH	8 STA. 510+77, RT. MAILBOX REMOVAL AND RELOCATION = 1 EACH	9 STA. 512+58, RT. REMOVING AND RESETTING STREET SIGNS (STUDENTS ONLY) = 1 EACH	10 STA. 513+06, RT. REMOVING AND RESETTING STREET SIGNS (STOP) = 1 EACH	11 STA. 513+17, RT. REMOVING AND RESETTING STREET SIGNS (STUDENTS ONLY) = 1 EACH
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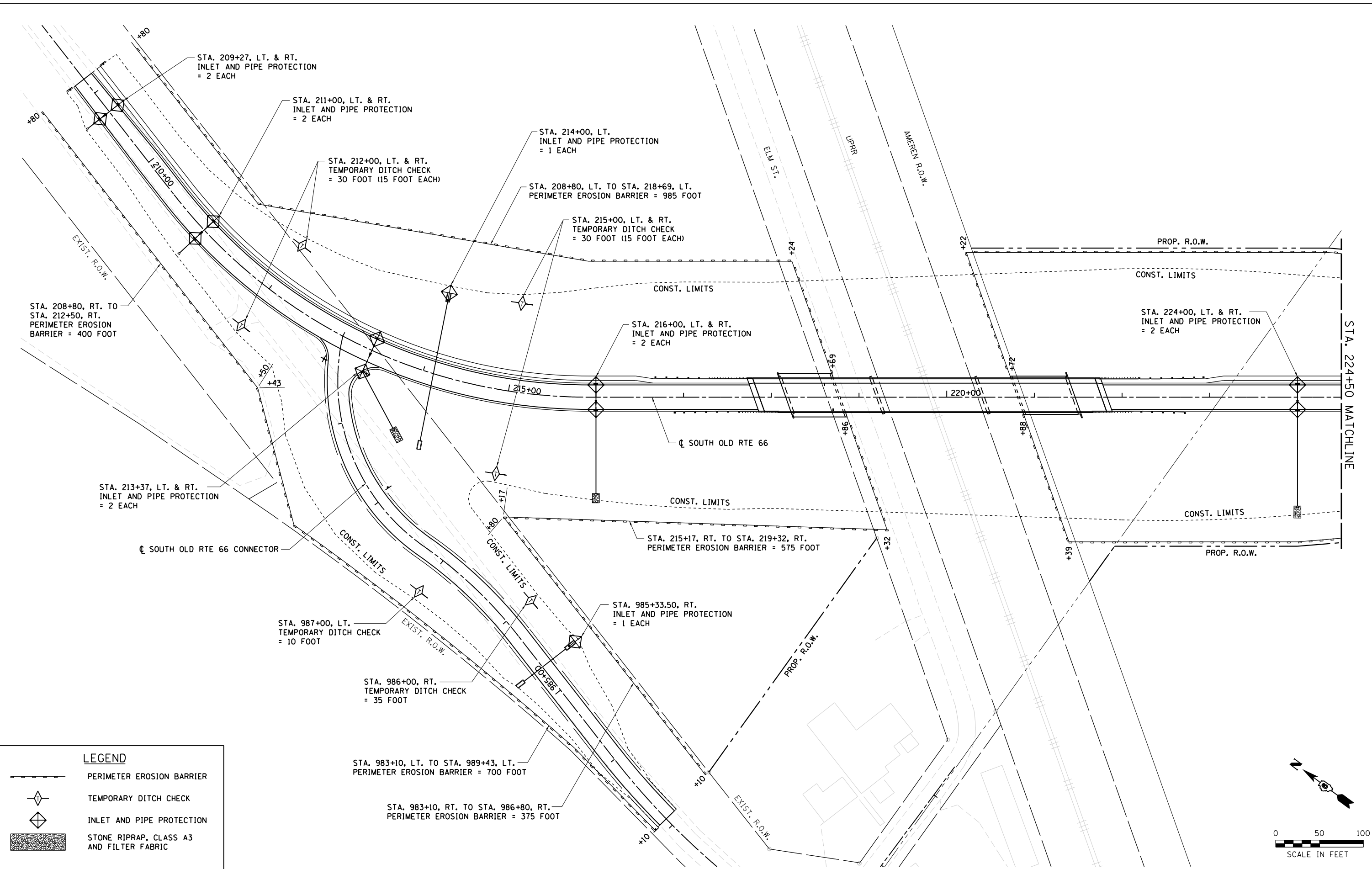
**VILLAGE OF WILLIAMSVILLE**  
**SOUTH OLD ROUTE 66 OVERPASS**

**SIGNING & PAVEMENT MARKING PLAN**  
**SOUTH OLD ROUTE 66 CONNECTOR**  
**AND WALNUT STREET**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	31
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				

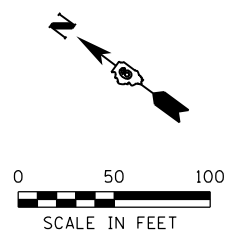
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**LEGEND**

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- STONE RIPRAP, CLASS A3 AND FILTER FABRIC



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 Springfield, IL 62702  
 Phone: 217-458-0244

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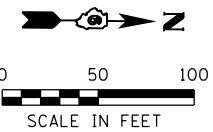
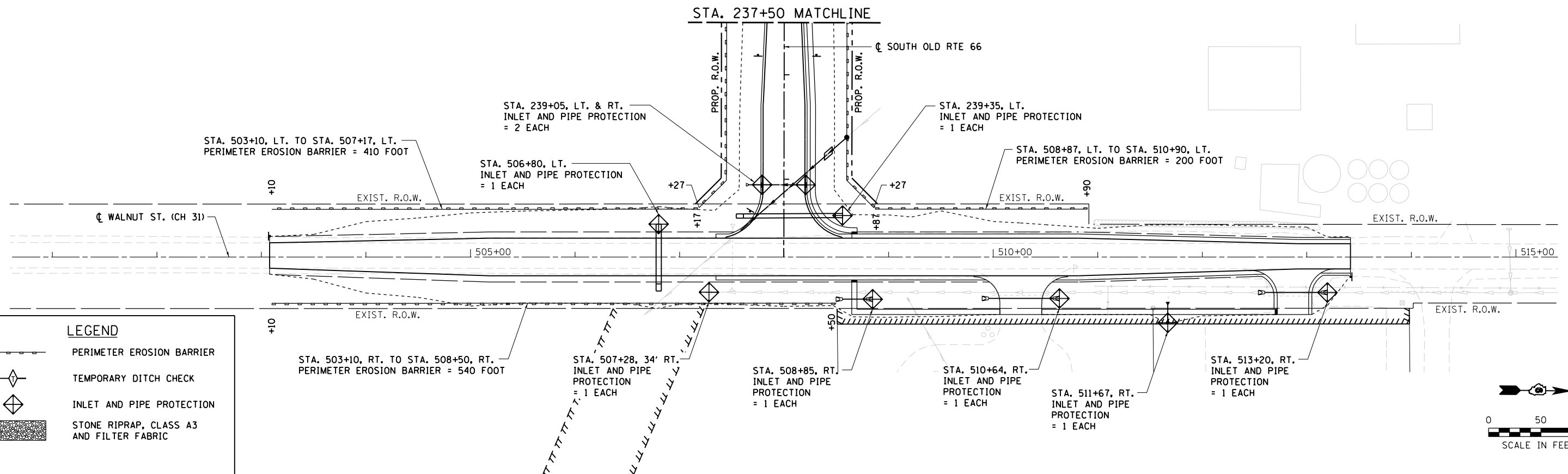
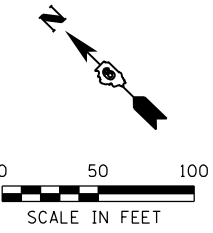
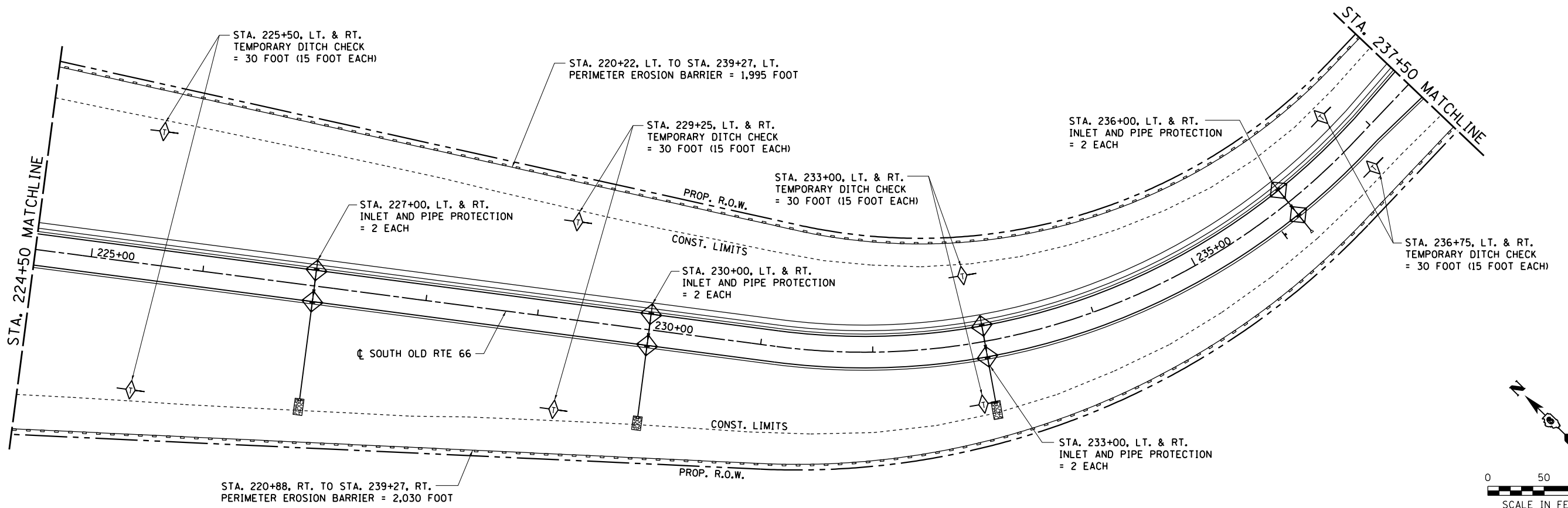
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 CHECKED - CMM  
 DATE - 7/31/15

REVISED -  
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 REVISED -

**VILLAGE OF WILLIAMSVILLE  
 SOUTH OLD ROUTE 66 OVERPASS**

**SEEDING AND EROSION CONTROL PLAN  
 MAINLINE AND CONNECTOR STREET**  
 SCALE: 1" = 50' SHEET NO. 1 OF 2 SHEETS STA. 208+80.00 TO STA. 209+56.41

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-0008-00-BR	SANGAMON	118	32
			CONTRACT NO. 93679	
ILLINOIS FED. AID PROJECT				



**LEGEND**

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- STONE RIPRAP, CLASS A3 AND FILTER FABRIC

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DATE - 7/31/15	REVISED -

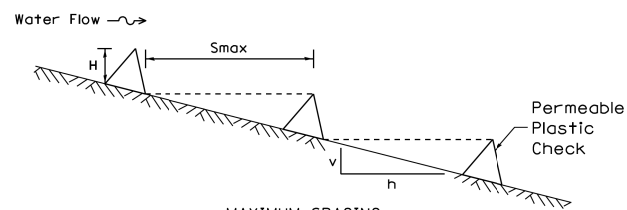
**VILLAGE OF WILLIAMSVILLE  
 SOUTH OLD ROUTE 66 OVERPASS**

**SEEDING AND EROSION CONTROL PLAN  
 MAINLINE AND WALNUT STREET**

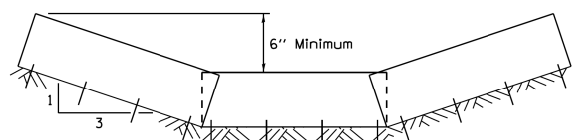
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	33
CONTRACT NO. 93679			ILLINOIS FED. AID PROJECT	

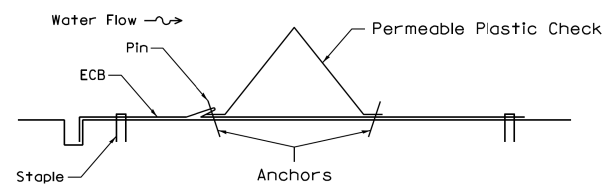
### PLASTIC PERMEABLE CHECKS



MAXIMUM SPACING



TYPICAL DITCH CROSS SECTION



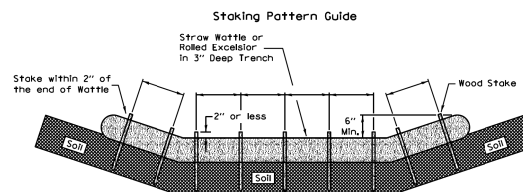
PLASTIC PERMEABLE CHECK CROSS SECTION

ILLINOIS URBAN MANUAL

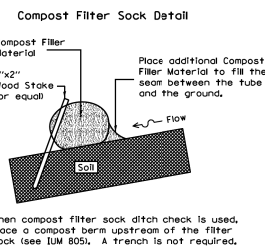
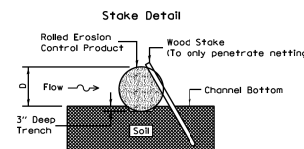


STANDARD DWG. NO.  
IUM-514  
SHEET 1 OF 1  
DATE 8-19-11

### ROLLED EROSION CONTROL PRODUCTS



- Notes:
1. Overlap minimum is the diameter of the roll.
  2. 4' spacing for wattles.
  3. 2' spacing for rolled excelsior.
  4. Or space according to manufacturer's specifications.



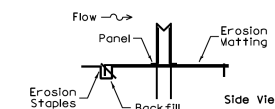
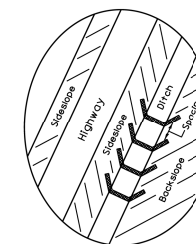
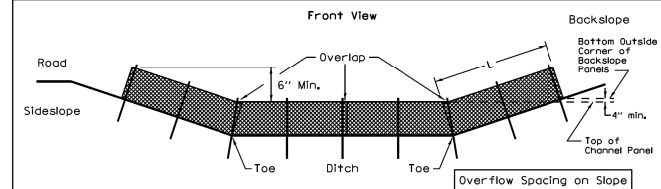
- Notes:
1. Drawings are not to scale.
  2. Ends of wattles or rolled excelsior shall be turned at least 6" upslope.
  3. Recommended stakes are 1 1/8" wide x 1 1/8" thick x 30" long.
  4. Stakes shall not extend above the straw wattle more than 2".
  5. Spacing: The toe of the upstream ditch check shall create a horizontal line with the top of the downstream ditch check.
  6. When compost filter sock ditch check is used, place a compost berm upstream of the filter sock (see IUM 805). A trench is not required.

ILLINOIS URBAN MANUAL

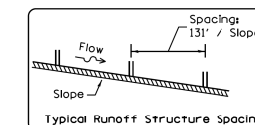


STANDARD DWG. NO.  
IUM-514  
SHEET 1 OF 1  
DATE 8-19-11

### SYNTHETIC POROUS RUNOFF CONTROL STRUCTURES



Minimum Installation Length up Slopes	
Slope	Panels
2:1	1
2.5:1	1.5
3:1	2
3.5:1	2
4:1	2
5:1	2.5
6:1	2.5



ILLINOIS URBAN MANUAL



STANDARD DWG. NO.  
IUM-514  
SHEET 1 OF 1  
DATE 8-19-11

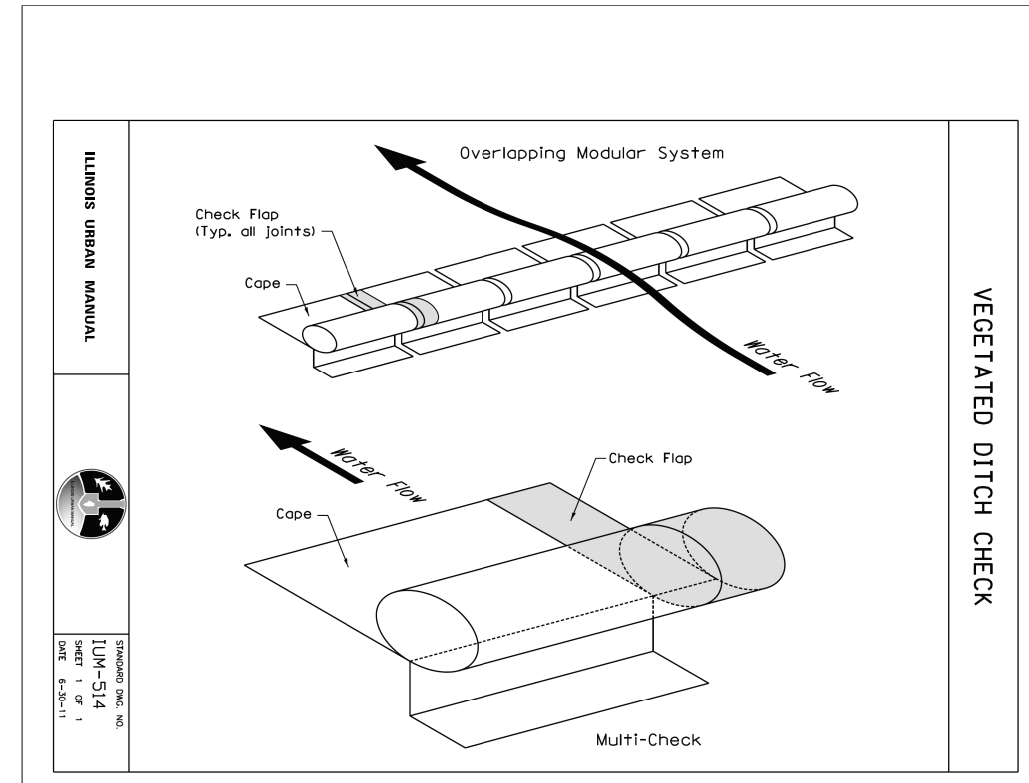
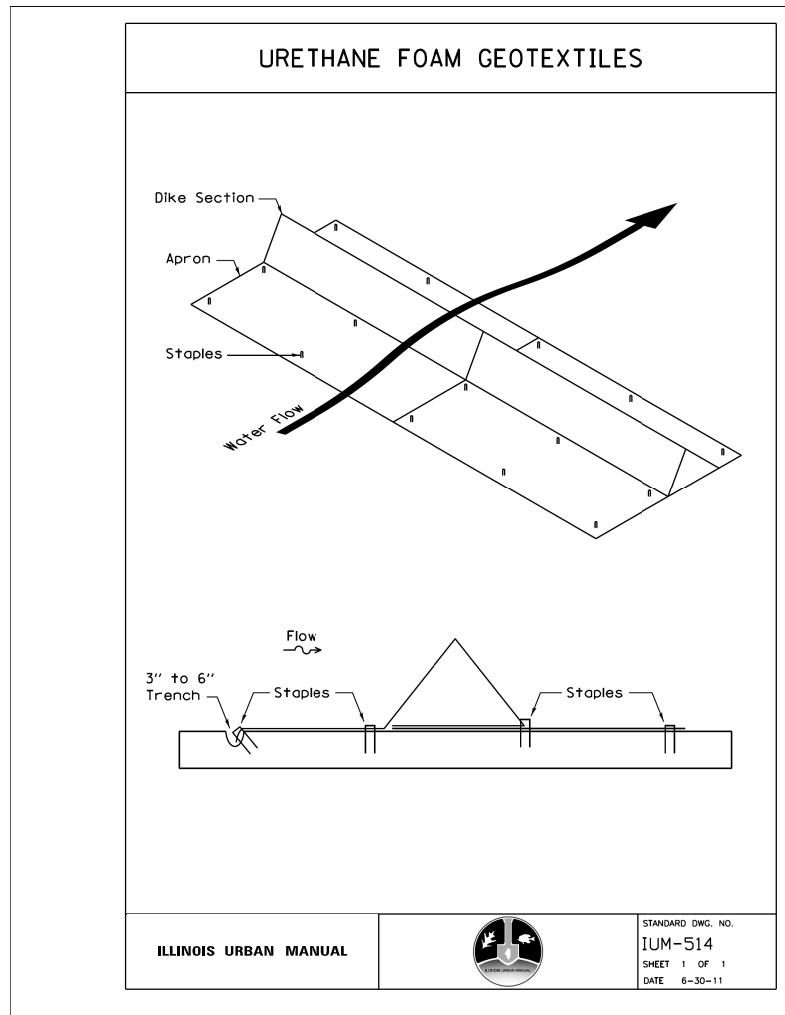
### VILLAGE OF WILLIAMSVILLE SOUTH OLD ROUTE 66 OVERPASS

### EROSION CONTROL DETAILS

SCALE: N.A. SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	34
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				

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PLOT DATE = 3/9/2018	DATE - 7/31/15	REVISED -



ILLINOIS URBAN MANUAL

STANDARD DWG. NO.  
IUM-514  
SHEET 1 OF 1  
DATE 6-30-11

ILLINOIS URBAN MANUAL

STANDARD DWG. NO.  
IUM-514  
SHEET 1 OF 1  
DATE 6-30-11

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**KUHN & TRELLO**  
CONSULTING ENGINEERS  
A Limited Liability Company  
109 N. 7th Street, 3rd Floor  
Springfield, IL 62702  
Phone: 217-628-0044  
Professional Design Firm No. 284-006516

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**VILLAGE OF WILLIAMSVILLE  
SOUTH OLD ROUTE 66 OVERPASS**

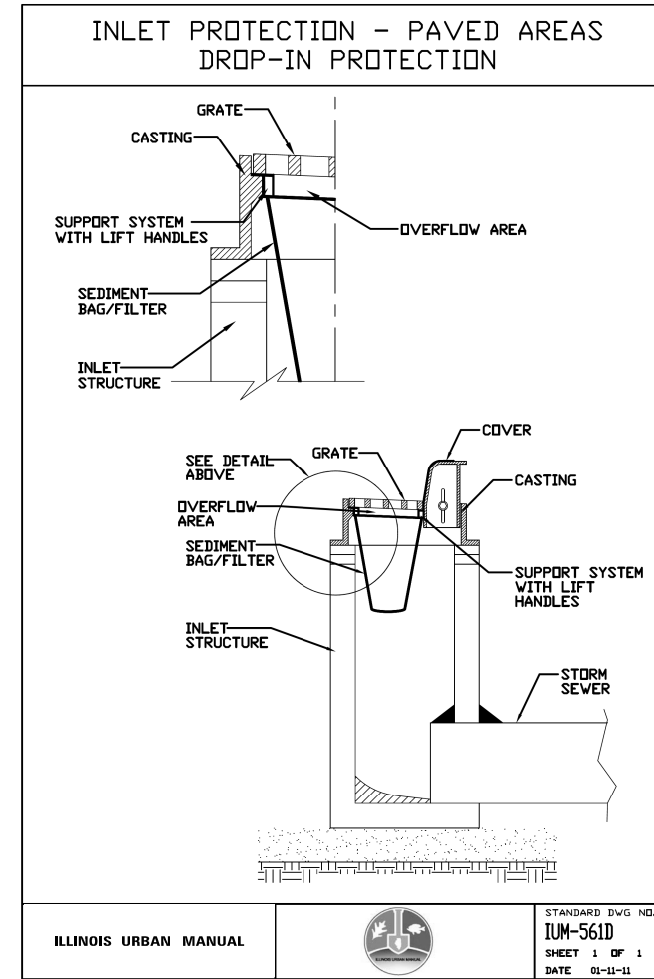
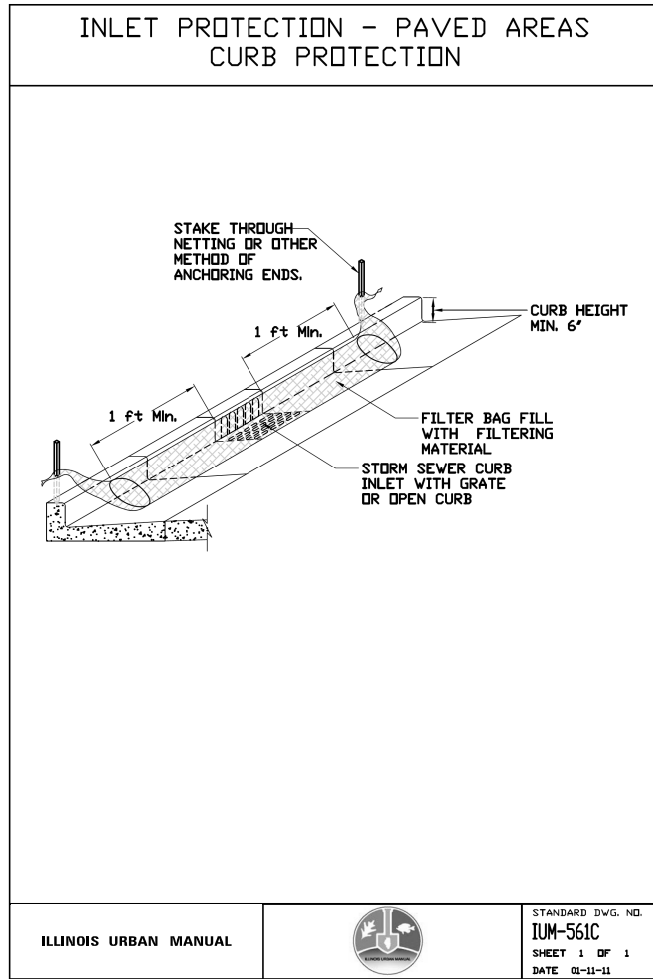
**EROSION CONTROL DETAILS**

SCALE: N.A.      SHEET NO. 2 OF 3 SHEETS      STA.      TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	35
CONTRACT NO. 93679				

ILLINOIS FED. AID PROJECT





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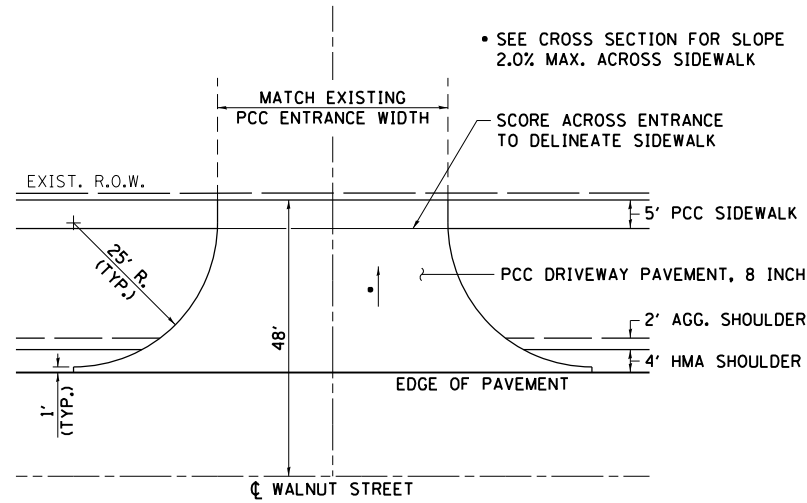


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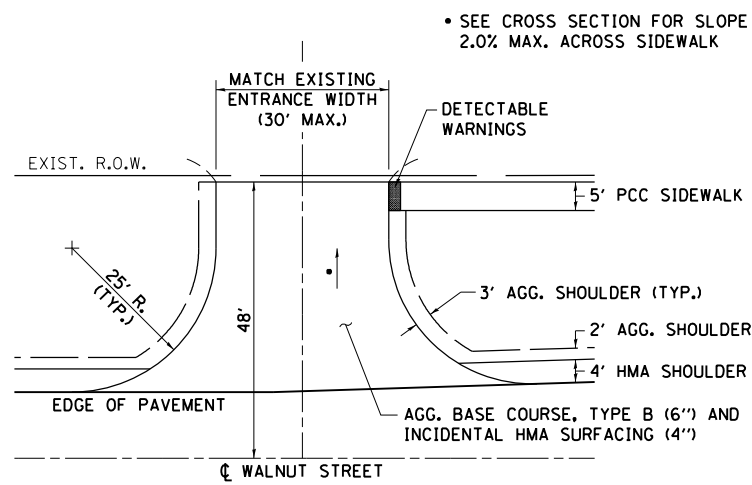
## VILLAGE OF WILLIAMSVILLE SOUTH OLD ROUTE 66 OVERPASS

<b>EROSION CONTROL DETAILS</b>			
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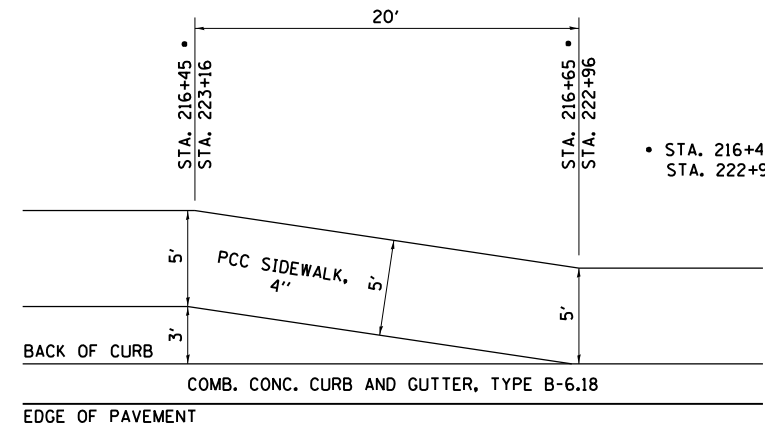
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	12-00008-00-BR	SANGAMON	118	36
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				



**FIRE STATION ENTRANCE DETAIL**  
STA. 510+26, RT.



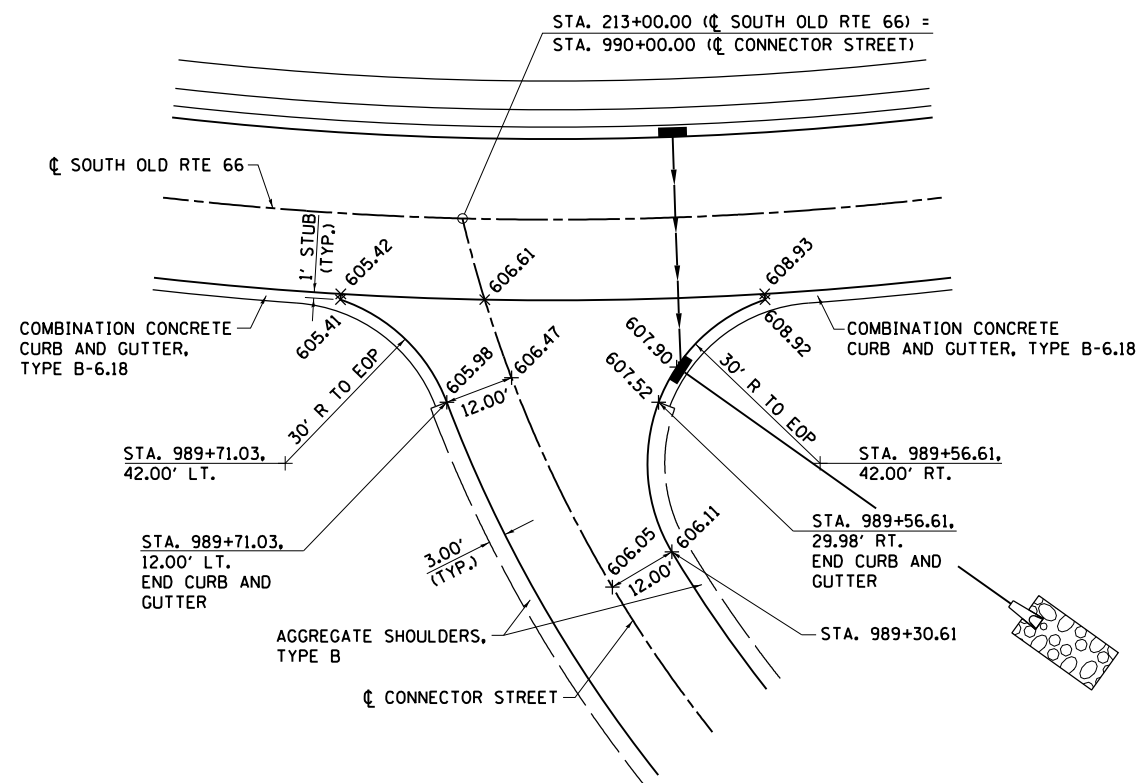
**PARKING LOT ENTRANCE DETAIL**  
STA. 512+87, RT.



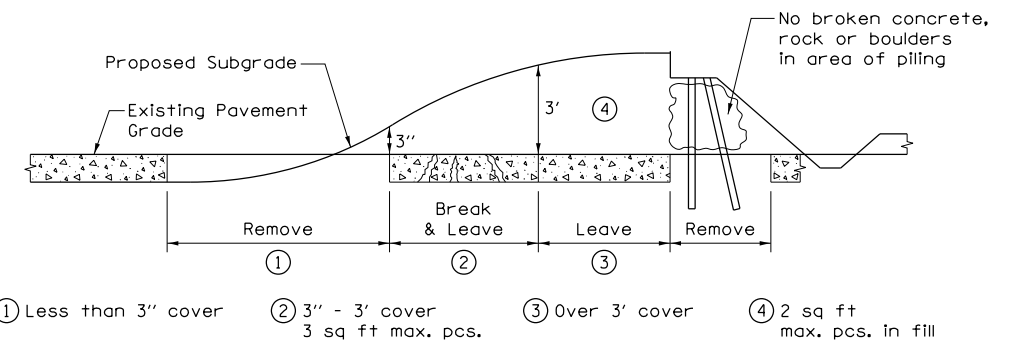
**SIDEWALK TAPER DETAIL**

LT. STA. 216+45 TO LT. STA. 216+65  
LT. STA. 222+96 TO LT. STA. 223+16

• STA. 216+45 TO STA. 216+65 SHOWN  
• STA. 222+96 TO STA. 223+16 SYMMETRICAL



**SOUTH OLD ROUTE 66  
CONNECTOR STREET DETAIL**



**DETAIL OF EMBANKMENT CONSTRUCTION  
OVER EXISTING PAVEMENT**

See Article 205.03(b) of the Standard Specifications.

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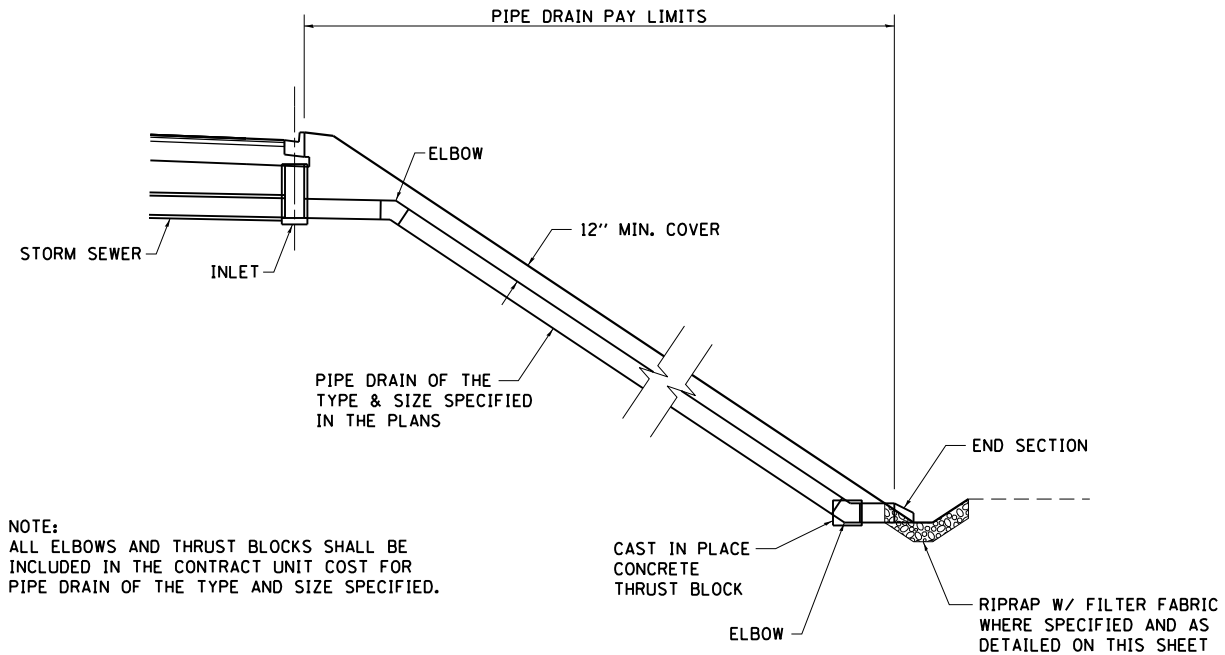
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DRAWN - MDS  
CHECKED - CMM  
DATE - 7/31/15  
REVISED - 2/08/16 REVIEW  
REVISED -  
REVISED -  
REVISED -

**VILLAGE OF WILLIAMSVILLE  
SOUTH OLD ROUTE 66 OVERPASS**

**ROADWAY AND ENTRANCE DETAILS**

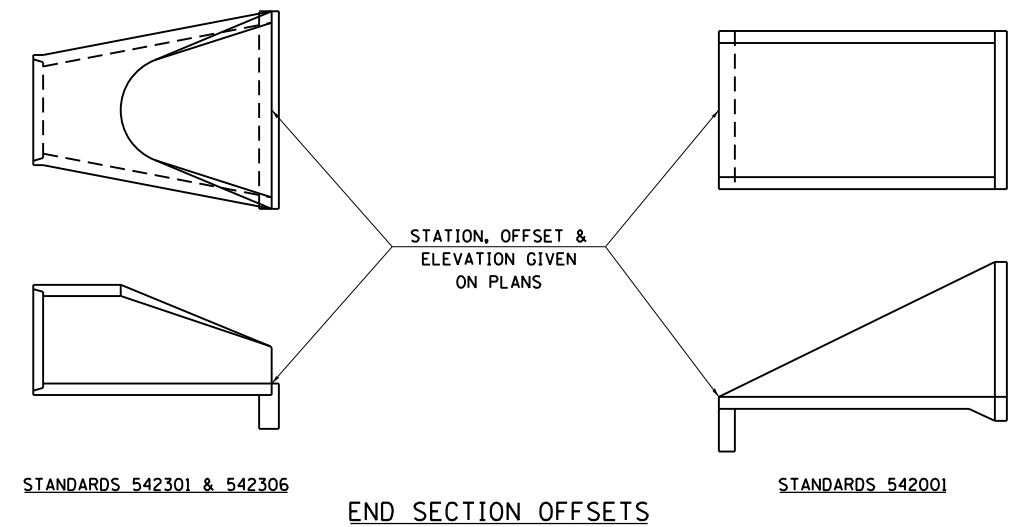
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	37
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				



NOTE:  
ALL ELBOWS AND THRUST BLOCKS SHALL BE INCLUDED IN THE CONTRACT UNIT COST FOR PIPE DRAIN OF THE TYPE AND SIZE SPECIFIED.

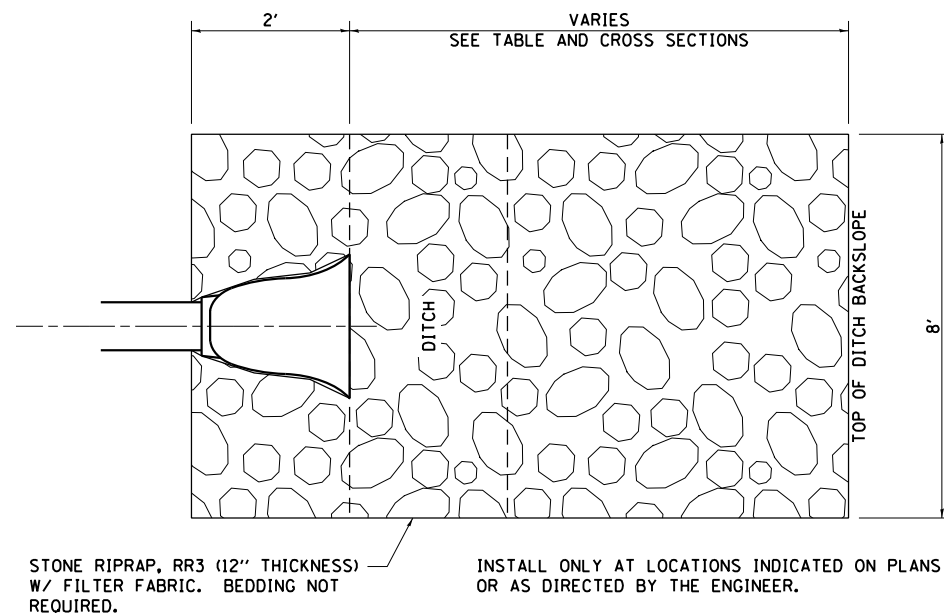
**PIPE DRAIN DETAIL**  
NOT TO SCALE



STANDARDS 542301 & 542306

STANDARDS 542001

**END SECTION OFFSETS**

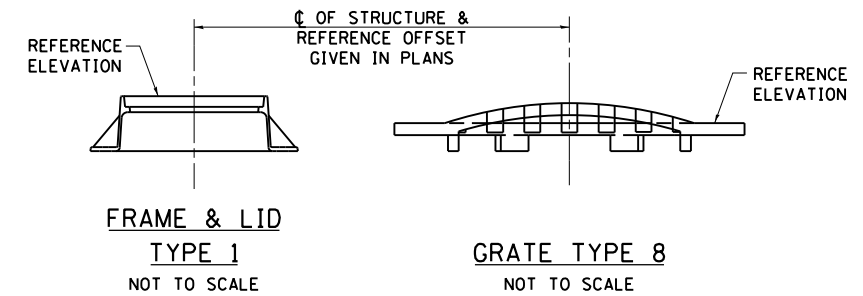


STONE RIPRAP, RR3 (12" THICKNESS) W/ FILTER FABRIC. BEDDING NOT REQUIRED.

INSTALL ONLY AT LOCATIONS INDICATED ON PLANS OR AS DIRECTED BY THE ENGINEER.

**TYPICAL RIPRAP LAYOUT AT PIPE DRAIN OUTLETS**  
NOT TO SCALE

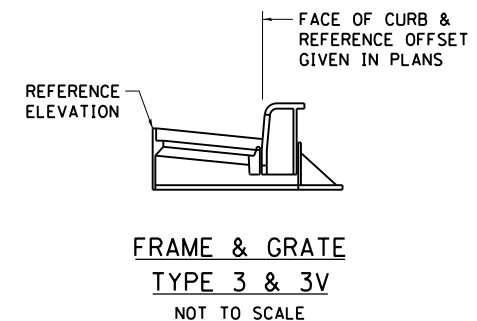
RIPRAP PLACEMENT TABLE	
STATION	APPROXIMATE DISTANCE TO TOP OF BACKSLOPE
213+91	14'
216+00	9'
224+00	12'
227+00	12.5'
230+00	10.5'
233+00	16'



**FRAME & LID TYPE 1**  
NOT TO SCALE

**GRATE TYPE 8**  
NOT TO SCALE

STATION & OFFSET TO INLETS AND MANHOLES ARE C OF THE STRUCTURE



**FRAME & GRATE TYPE 3 & 3V**  
NOT TO SCALE

STATION & OFFSET TO INLETS AND MANHOLES ARE TO THE FACE OF CURB

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DATE - 7/31/15

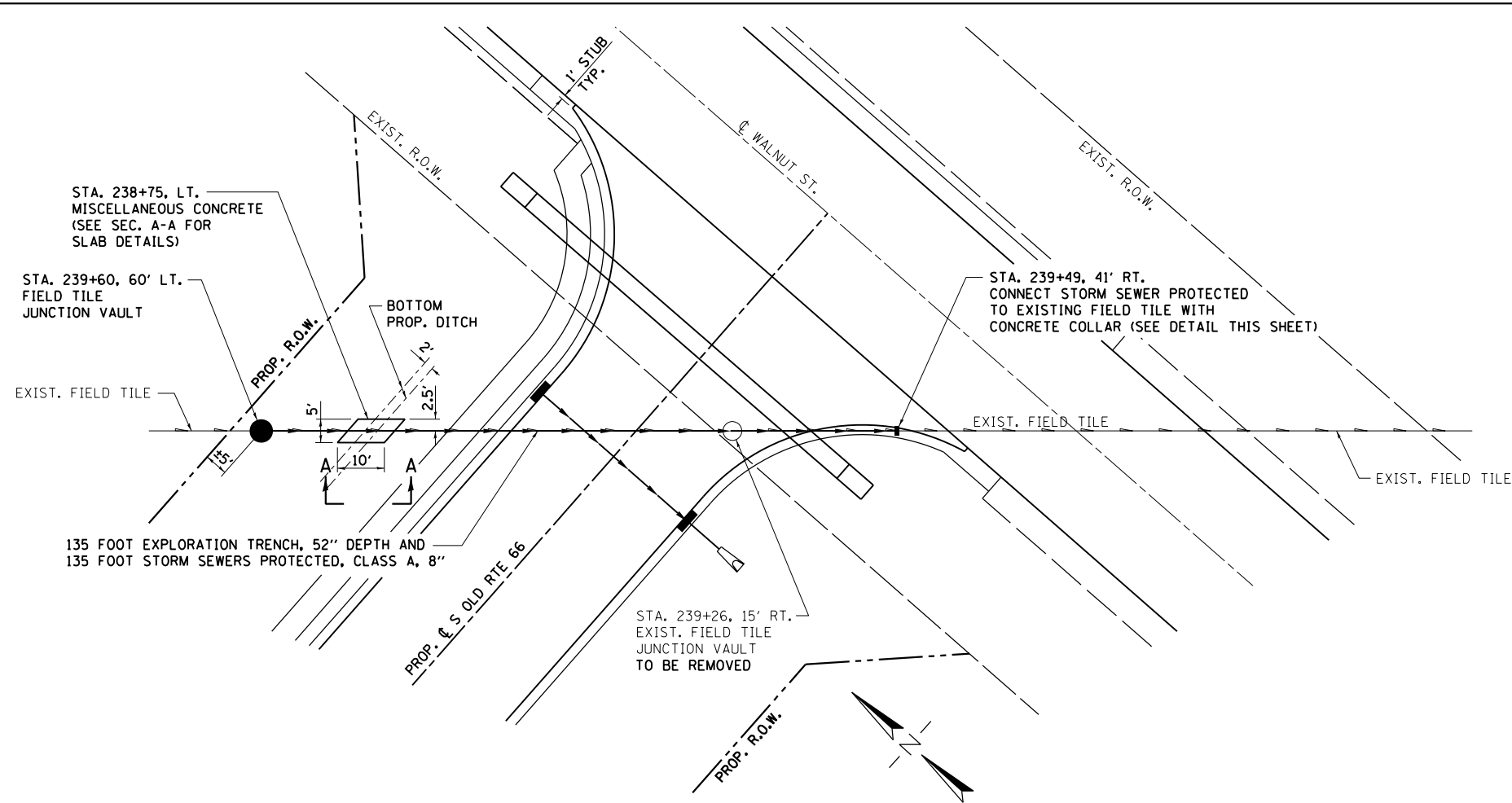
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**VILLAGE OF WILLIAMSVILLE  
SOUTH OLD ROUTE 66 OVERPASS**

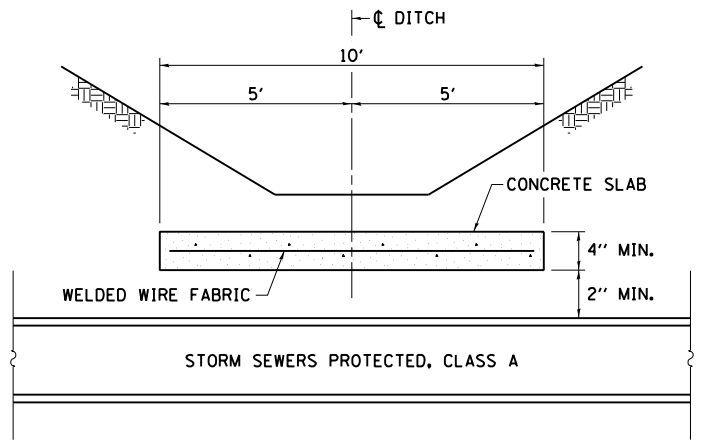
**PIPE DRAINS & DRAINAGE STRUCTURES DETAILS**

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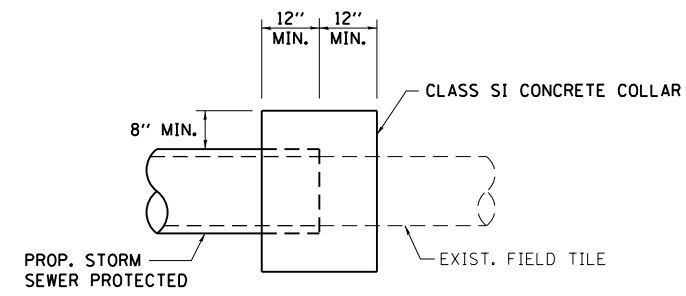
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	38
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				



PLAN VIEW



SECTION A-A  
(NOT TO SCALE)

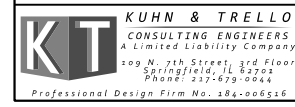


CONCRETE COLLAR DETAIL  
(NOT TO SCALE)

FIELD TILE NOTES

1. FIELD TILE SHALL BE REPLACED IN ACCORDANCE WITH SECTION 611 OF THE STANDARD SPECIFICATIONS.
2. THE DIAMETER OF THE PROPOSED STORM SEWER SHALL BE EQUAL TO OR GREATER THAN THE EXISTING FIELD TILE.
3. ALL EXISTING FIELD TILE SHALL BE REPLACED WITH STORM SEWER OF THE TYPE REQUIRED BY THE DEPTH OF COVER. THE LINEAL FOOT MEASUREMENT WILL BE ALONG THE CENTROID AXIS AND INCLUDE ALL BENDS, ELBOWS, OR PIPE TEES WHICH ARE REQUIRED.
4. THE REINFORCED CONCRETE LID FOR FIELD TILE JUNCTION VAULTS SHALL BE CLASS SI CONCRETE (MISCELLANEOUS) OR PRECAST CONCRETE. THE COST OF THE LID SHALL BE INCLUDED IN THE COST OF THE JUNCTION VAULT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
5. ELBOWS, TEES AND COLLARS NECESSARY TO MAKE CONNECTIONS SHALL BE INCLUDED IN THE COST OF STORM SEWERS PROTECTED OF THE CLASS SPECIFIED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
6. ALL HARDWARE, WELDED WIRE FABRIC OR OTHER REINFORCEMENT AND ANCHORS AS SHOWN OR AS DIRECTED BY THE ENGINEER TO CONSTRUCT THE CONCRETE SLAB SHALL BE INCLUDED IN THE COST FOR MISCELLANEOUS CONCRETE. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
7. REMOVAL OF THE EXISTING JUNCTION VAULT AT STA. 239+26, 15' RT. SHALL BE INCLUDED IN THE COST FOR EXPLORATION TRENCH 52" DEPTH. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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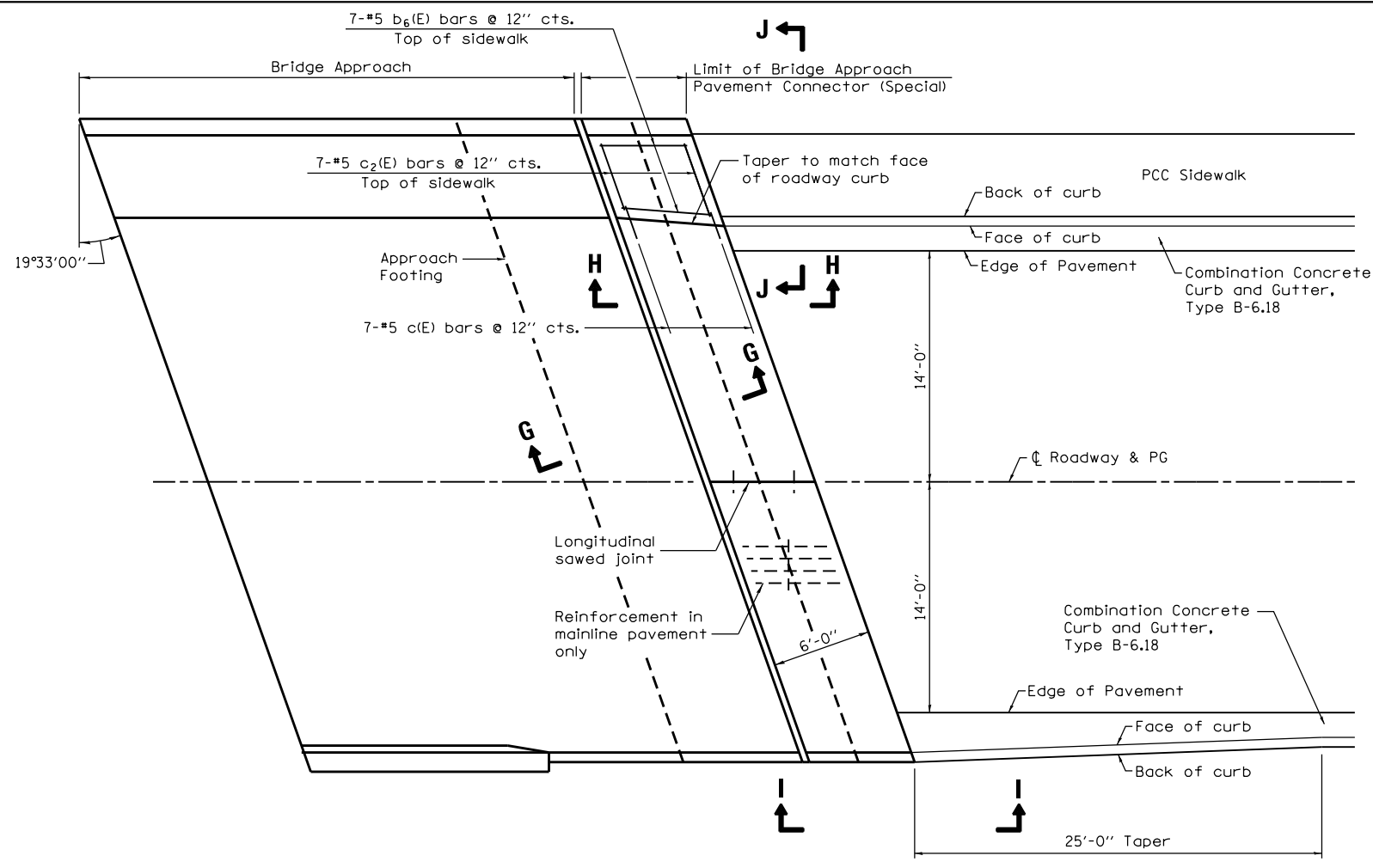
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 DATE - 7/31/15

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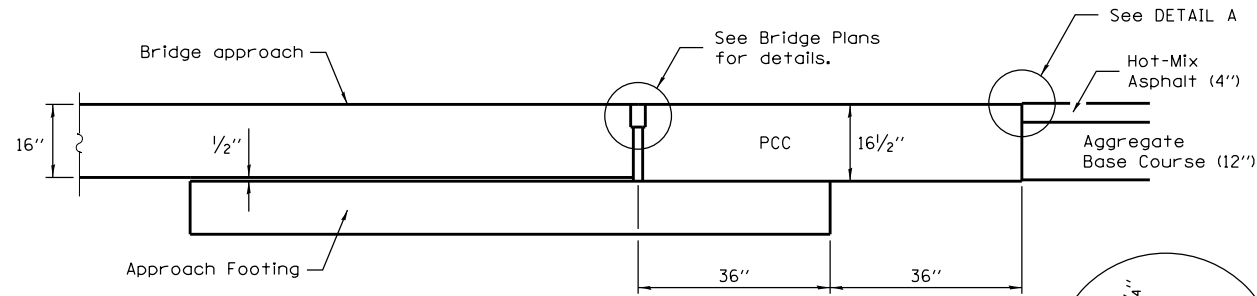
**VILLAGE OF WILLIAMSVILLE  
 SOUTH OLD ROUTE 66 OVERPASS**

**FIELD TILE REPLACEMENT DETAILS**  
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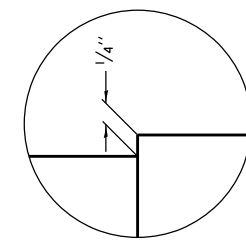
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	39
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				



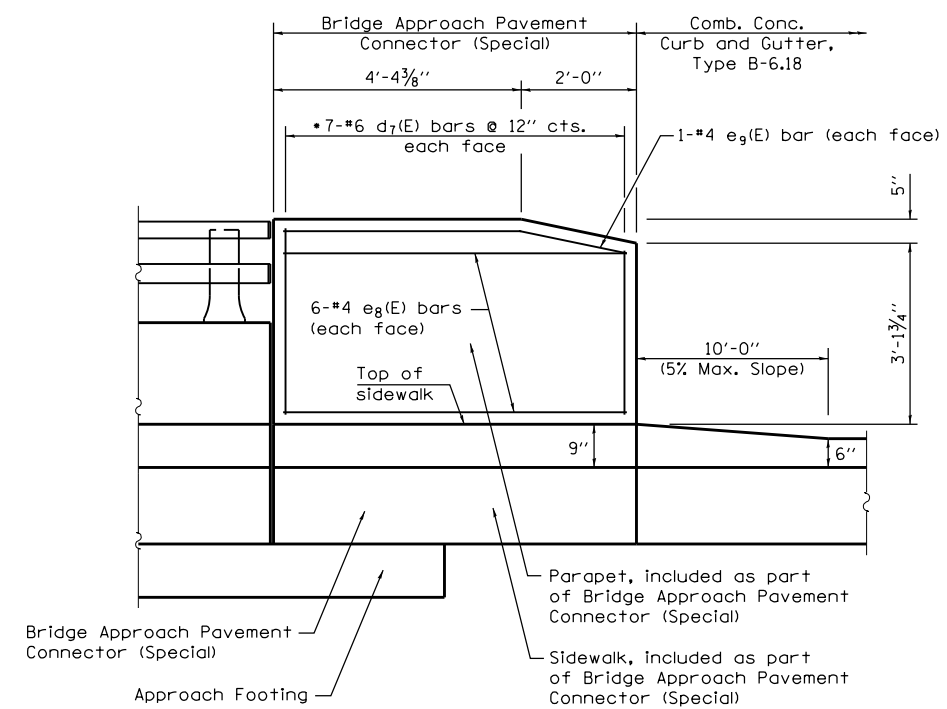
**PLAN**  
(South Approach shown - North Approach symmetrical)



**SECTION G-G**

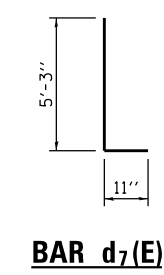


**DETAIL A**

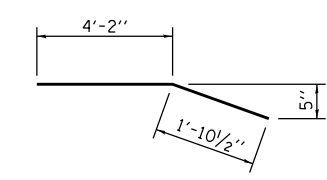


**SECTION H-H**  
**CURB & SIDEWALK TRANSITION**

• Cut bars in field to fit taper as required.



**BAR d7(E)**



**BAR e9(E)**

**BAR LIST**

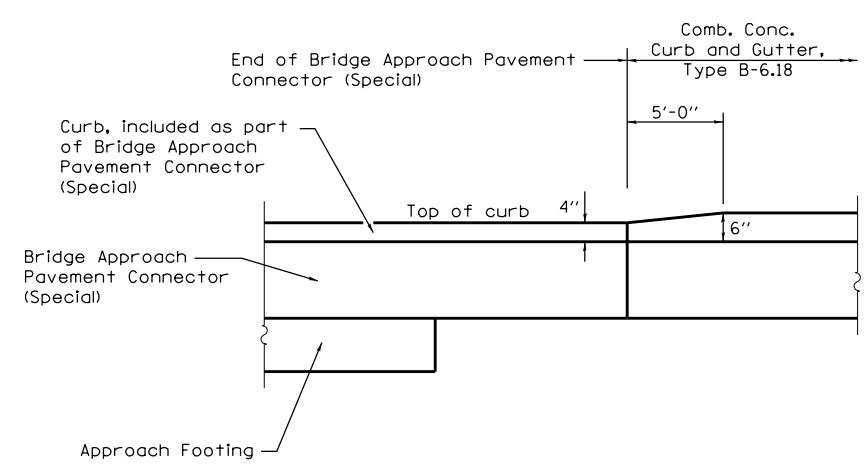
**PARAPET & SIDEWALK**

(For Information Only)

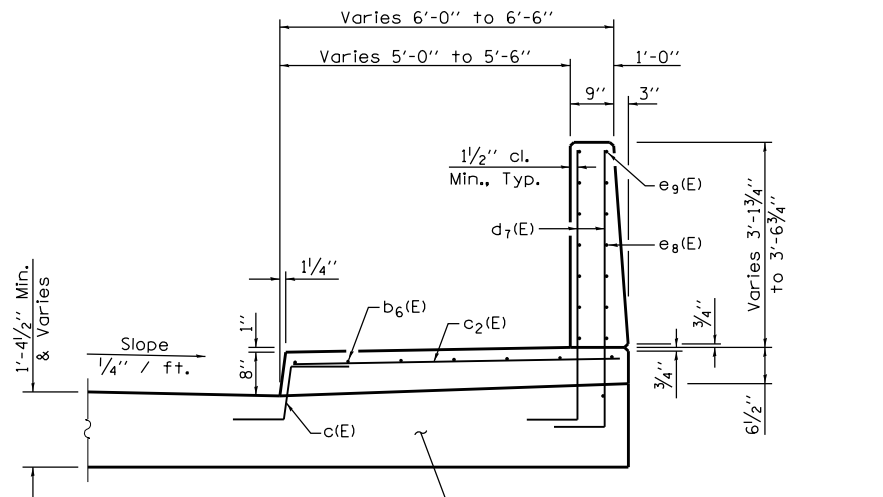
Bar	No.	Size	Length	Shape
b <sub>6</sub> (E)	14	#5	6'-0"	—
c(E)	14	#5	2'-4"	—
c <sub>2</sub> (E)	14	#5	6'-0"	—
d <sub>7</sub> (E)	28	#6	6'-2"	L
e <sub>8</sub> (E)	24	#4	6'-0"	—
e <sub>9</sub> (E)	4	#4	6'-1"	—

**GENERAL NOTES**

See Standard 421001 for reinforcement details not shown.  
See Standard 420001 for joint details not shown.  
See plans for details of bridge approach, approach footing and preformed joint seal.  
All dimensions are in inches (millimeters) unless otherwise shown.



**SECTION I-I**  
**CURB TRANSITION**



**SECTION J-J**

Reference Standard 421001 for reinforcement details not shown in Bridge Approach Pavement Connector.

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PLOT DATE = 3/9/2018	DATE - 12/04/15	REVISED -

**VILLAGE OF WILLIAMSVILLE  
SOUTH OLD ROUTE 66 OVERPASS**

**BRIDGE APPROACH  
PAVEMENT CONNECTOR (SPECIAL)  
DETAILS**

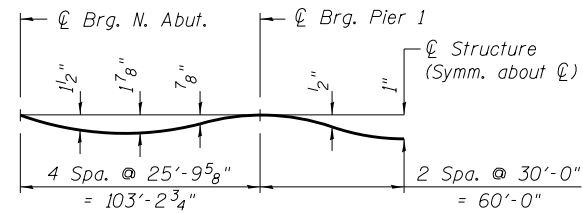
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CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				







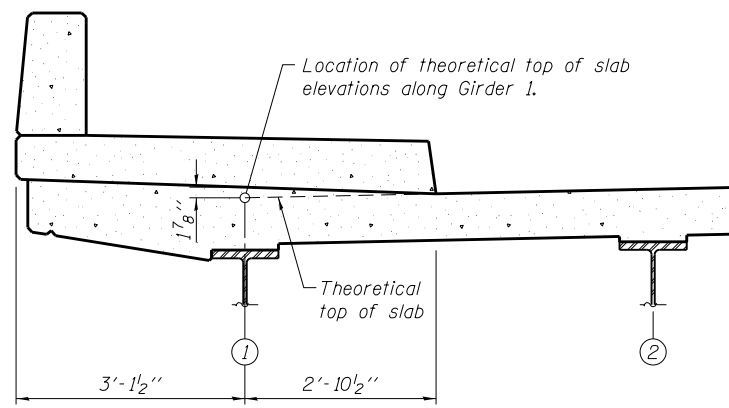


**DEAD LOAD DEFLECTION DIAGRAM**

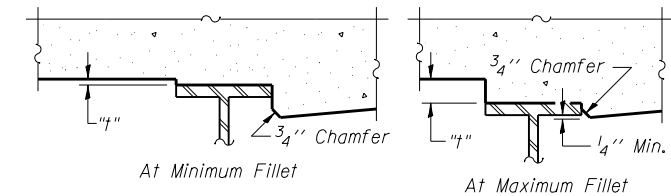
(Includes weight of concrete only.)

**Note:**

The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown on sheets 4 thru 6 of 30.

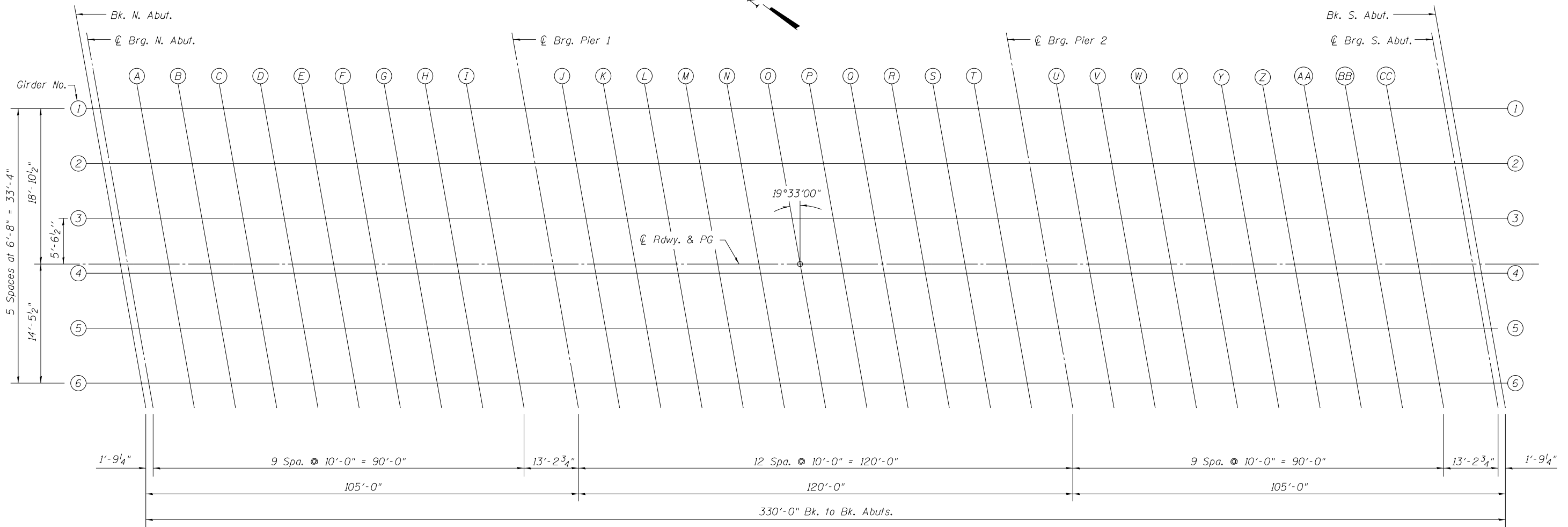


**SECTION THRU SIDEWALK**



To determine "t": After all structural steel has been erected, elevations of the top flanges of the girders shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheets 4 thru 6 of 30, minus slab thickness, equals the fillet heights "t" above top flange of girders.

**FILLET HEIGHTS**



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**KT**  
**KUHN & TRELLO**  
 CONSULTING ENGINEERS  
 A Limited Liability Company  
 109 N. 7th Street, 3rd Floor  
 Springfield, IL 62702  
 Phone: 217-626-0244

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 CHECKED - MJT  
 DRAWN - MDS  
 CHECKED - RP

REVISED -  
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 REVISED -

**VILLAGE OF WILLIAMSVILLE  
SOUTH OLD RTE 66 OVERPASS**

**TOP OF SLAB ELEVATIONS  
STRUCTURE NO. 084-9951**

SHEET NO. 3 OF 32 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	43
CONTRACT NO. 93679				

ILLINOIS FED. AID PROJECT

**GIRDER 1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	218+09.80	-18.88	625.26	625.26
⊕ Brg. N. Abut	218+11.57	-18.88	625.27	625.27
A	218+21.57	-18.88	625.32	625.38
B	218+31.57	-18.88	625.37	625.47
C	218+41.57	-18.88	625.42	625.56
D	218+51.57	-18.88	625.47	625.62
E	218+61.57	-18.88	625.52	625.67
F	218+71.57	-18.88	625.57	625.70
G	218+81.57	-18.88	625.62	625.72
H	218+91.57	-18.88	625.67	625.74
I	219+01.57	-18.88	625.72	625.75
⊕ Brg. Pier 1	219+14.80	-18.88	625.79	625.79
J	219+24.80	-18.88	625.84	625.84
K	219+34.80	-18.88	625.89	625.90
L	219+44.80	-18.88	625.94	625.98
M	219+54.80	-18.88	625.99	626.05
N	219+64.80	-18.88	626.04	626.11
O	219+74.80	-18.88	626.09	626.17
P	219+84.80	-18.88	626.14	626.21
Q	219+94.80	-18.88	626.19	626.25
R	220+04.80	-18.88	626.24	626.28
S	220+14.80	-18.88	626.29	626.30
T	220+24.80	-18.88	626.34	626.34
⊕ Brg. Pier 2	220+34.80	-18.88	626.39	626.39
U	220+44.80	-18.88	626.44	626.46
V	220+54.80	-18.88	626.49	626.54
W	220+64.80	-18.88	626.54	626.63
X	220+74.80	-18.88	626.59	626.71
Y	220+84.80	-18.88	626.64	626.78
Z	220+94.80	-18.88	626.69	626.84
AA	221+04.80	-18.88	626.74	626.88
BB	221+14.80	-18.88	626.79	626.90
CC	221+24.80	-18.88	626.84	626.91
⊕ Brg. S. Abut.	221+38.03	-18.88	626.90	626.90
Bk. S. Abut.	221+39.80	-18.88	626.91	626.91

**GIRDER 2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	218+12.16	-12.21	625.41	625.41
⊕ Brg. N. Abut	218+13.94	-12.21	625.42	625.42
A	218+23.94	-12.21	625.47	625.53
B	218+33.94	-12.21	625.52	625.62
C	218+43.94	-12.21	625.57	625.71
D	218+53.94	-12.21	625.62	625.78
E	218+63.94	-12.21	625.67	625.82
F	218+73.94	-12.21	625.72	625.86
G	218+83.94	-12.21	625.77	625.88
H	218+93.94	-12.21	625.82	625.89
I	219+03.94	-12.21	625.87	625.90
⊕ Brg. Pier 1	219+17.16	-12.21	625.94	625.94
J	219+27.16	-12.21	625.99	625.99
K	219+37.16	-12.21	626.04	626.06
L	219+47.16	-12.21	626.09	626.13
M	219+57.16	-12.21	626.14	626.20
N	219+67.16	-12.21	626.19	626.26
O	219+77.16	-12.21	626.24	626.32
P	219+87.16	-12.21	626.29	626.36
Q	219+97.16	-12.21	626.34	626.40
R	220+07.16	-12.21	626.39	626.43
S	220+17.16	-12.21	626.44	626.46
T	220+27.16	-12.21	626.49	626.49
⊕ Brg. Pier 2	220+37.16	-12.21	626.54	626.54
U	220+47.16	-12.21	626.59	626.61
V	220+57.16	-12.21	626.64	626.69
W	220+67.16	-12.21	626.69	626.78
X	220+77.16	-12.21	626.74	626.87
Y	220+87.16	-12.21	626.79	626.94
Z	220+97.16	-12.21	626.84	627.00
AA	221+07.16	-12.21	626.89	627.04
BB	221+17.16	-12.21	626.94	627.06
CC	221+27.16	-12.21	626.99	627.06
⊕ Brg. S. Abut.	221+40.39	-12.21	627.06	627.06
Bk. S. Abut.	221+42.16	-12.21	627.07	627.07

**GIRDER 3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	218+14.53	-5.54	625.56	625.56
⊕ Brg. N. Abut	218+16.30	-5.54	625.57	625.57
A	218+26.30	-5.54	625.62	625.68
B	218+36.30	-5.54	625.67	625.78
C	218+46.30	-5.54	625.72	625.86
D	218+56.30	-5.54	625.77	625.93
E	218+66.30	-5.54	625.82	625.97
F	218+76.30	-5.54	625.87	626.01
G	218+86.30	-5.54	625.92	626.03
H	218+96.30	-5.54	625.97	626.04
I	219+06.30	-5.54	626.02	626.05
⊕ Brg. Pier 1	219+19.53	-5.54	626.09	626.09
J	219+29.53	-5.54	626.14	626.14
K	219+39.53	-5.54	626.19	626.21
L	219+49.53	-5.54	626.24	626.28
M	219+59.53	-5.54	626.29	626.35
N	219+69.53	-5.54	626.34	626.41
O	219+79.53	-5.54	626.39	626.47
P	219+89.53	-5.54	626.44	626.51
Q	219+99.53	-5.54	626.49	626.55
R	220+09.53	-5.54	626.54	626.58
S	220+19.53	-5.54	626.59	626.61
T	220+29.53	-5.54	626.64	626.64
⊕ Brg. Pier 2	220+39.53	-5.54	626.69	626.69
U	220+49.53	-5.54	626.74	626.76
V	220+59.53	-5.54	626.79	626.85
W	220+69.53	-5.54	626.84	626.93
X	220+79.53	-5.54	626.89	627.02
Y	220+89.53	-5.54	626.94	627.09
Z	220+99.53	-5.54	626.99	627.15
AA	221+09.53	-5.54	627.04	627.19
BB	221+19.53	-5.54	627.09	627.21
CC	221+29.53	-5.54	627.14	627.21
⊕ Brg. S. Abut.	221+42.76	-5.54	627.21	627.21
Bk. S. Abut.	221+44.53	-5.54	627.22	627.22

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**VILLAGE OF WILLIAMSVILLE  
 SOUTH OLD RTE 66 OVERPASS**

**TOP OF SLAB ELEVATIONS  
 STRUCTURE NO. 084-9951**

SHEET NO. 4 OF 32 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-0008-00-BR	SANGAMON	118	44
			CONTRACT NO. 93679	
ILLINOIS FED. AID PROJECT				

☉ ROADWAY & PROFILE GRADE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	218+16.50	0.00	625.69	625.69
☉ Brg. N. Abut	218+18.27	0.00	625.70	625.70
A	218+28.27	0.00	625.75	625.80
B	218+38.27	0.00	625.80	625.90
C	218+48.27	0.00	625.85	625.99
D	218+58.27	0.00	625.90	626.05
E	218+68.27	0.00	625.95	626.10
F	218+78.27	0.00	626.00	626.13
G	218+88.27	0.00	626.05	626.15
H	218+98.27	0.00	626.10	626.16
I	219+08.27	0.00	626.15	626.18
☉ Brg. Pier 1	219+21.50	0.00	626.21	626.21
J	219+31.50	0.00	626.26	626.27
K	219+41.50	0.00	626.31	626.33
L	219+51.50	0.00	626.36	626.40
M	219+61.50	0.00	626.41	626.47
N	219+71.50	0.00	626.46	626.54
O	219+81.50	0.00	626.51	626.59
P	219+91.50	0.00	626.57	626.64
Q	220+01.50	0.00	626.62	626.67
R	220+11.50	0.00	626.67	626.70
S	220+21.50	0.00	626.72	626.73
T	220+31.50	0.00	626.77	626.77
☉ Brg. Pier 2	220+41.50	0.00	626.82	626.82
U	220+51.50	0.00	626.87	626.89
V	220+61.50	0.00	626.92	626.97
W	220+71.50	0.00	626.97	627.06
X	220+81.50	0.00	627.02	627.14
Y	220+91.50	0.00	627.07	627.21
Z	221+01.50	0.00	627.12	627.27
AA	221+11.50	0.00	627.17	627.31
BB	221+21.50	0.00	627.22	627.33
CC	221+31.50	0.00	627.27	627.34
☉ Brg. S. Abut.	221+44.73	0.00	627.33	627.33
Bk. S. Abut.	221+46.50	0.00	627.34	627.34

GIRDER 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	218+16.90	1.13	625.67	625.67
☉ Brg. N. Abut	218+18.67	1.13	625.68	625.68
A	218+28.67	1.13	625.73	625.78
B	218+38.67	1.13	625.78	625.88
C	218+48.67	1.13	625.83	625.96
D	218+58.67	1.13	625.88	626.03
E	218+68.67	1.13	625.93	626.08
F	218+78.67	1.13	625.98	626.11
G	218+88.67	1.13	626.03	626.13
H	218+98.67	1.13	626.08	626.14
I	219+08.67	1.13	626.13	626.16
☉ Brg. Pier 1	219+21.90	1.13	626.19	626.19
J	219+31.90	1.13	626.24	626.24
K	219+41.90	1.13	626.29	626.31
L	219+51.90	1.13	626.34	626.38
M	219+61.90	1.13	626.39	626.45
N	219+71.90	1.13	626.44	626.52
O	219+81.90	1.13	626.49	626.57
P	219+91.90	1.13	626.54	626.62
Q	220+01.90	1.13	626.59	626.65
R	220+11.90	1.13	626.64	626.68
S	220+21.90	1.13	626.69	626.71
T	220+31.90	1.13	626.74	626.75
☉ Brg. Pier 2	220+41.90	1.13	626.79	626.79
U	220+51.90	1.13	626.84	626.87
V	220+61.90	1.13	626.89	626.95
W	220+71.90	1.13	626.94	627.04
X	220+81.90	1.13	626.99	627.12
Y	220+91.90	1.13	627.04	627.19
Z	221+01.90	1.13	627.10	627.25
AA	221+11.90	1.13	627.15	627.29
BB	221+21.90	1.13	627.20	627.31
CC	221+31.90	1.13	627.25	627.32
☉ Brg. S. Abut.	221+45.13	1.13	627.31	627.31
Bk. S. Abut.	221+46.90	1.13	627.32	627.32

GIRDER 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	218+19.27	7.79	625.54	625.54
☉ Brg. N. Abut	218+21.04	7.79	625.55	625.55
A	218+31.04	7.79	625.60	625.65
B	218+41.04	7.79	625.65	625.75
C	218+51.04	7.79	625.70	625.84
D	218+61.04	7.79	625.75	625.90
E	218+71.04	7.79	625.80	625.95
F	218+81.04	7.79	625.85	625.98
G	218+91.04	7.79	625.90	626.00
H	219+01.04	7.79	625.95	626.02
I	219+11.04	7.79	626.00	626.03
☉ Brg. Pier 1	219+24.27	7.79	626.07	626.07
J	219+34.27	7.79	626.12	626.12
K	219+44.27	7.79	626.17	626.18
L	219+54.27	7.79	626.22	626.26
M	219+64.27	7.79	626.27	626.33
N	219+74.27	7.79	626.32	626.39
O	219+84.27	7.79	626.37	626.45
P	219+94.27	7.79	626.42	626.49
Q	220+04.27	7.79	626.47	626.53
R	220+14.27	7.79	626.52	626.56
S	220+24.27	7.79	626.57	626.58
T	220+34.27	7.79	626.62	626.62
☉ Brg. Pier 2	220+44.27	7.79	626.67	626.67
U	220+54.27	7.79	626.72	626.74
V	220+64.27	7.79	626.77	626.82
W	220+74.27	7.79	626.82	626.91
X	220+84.27	7.79	626.87	626.99
Y	220+94.27	7.79	626.92	627.07
Z	221+04.27	7.79	626.97	627.12
AA	221+14.27	7.79	627.02	627.16
BB	221+24.27	7.79	627.07	627.19
CC	221+34.27	7.79	627.12	627.19
☉ Brg. S. Abut.	221+47.50	7.79	627.18	627.18
Bk. S. Abut.	221+49.27	7.79	627.19	627.19

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DESIGNED - RN  
 CHECKED - MJT  
 DRAWN - MDS  
 CHECKED - RP

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

VILLAGE OF WILLIAMSVILLE  
 SOUTH OLD RTE 66 OVERPASS

TOP OF SLAB ELEVATIONS  
 STRUCTURE NO. 084-9951

SHEET NO. 5 OF 32 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-0008-00-BR	SANGAMON	118	45
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				

**GIRDER 6**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	218+21.63	14.46	625.41	625.41
⊕ Brg. N. Abut	218+23.40	14.46	625.42	625.42
A	218+33.40	14.46	625.47	625.53
B	218+43.40	14.46	625.52	625.63
C	218+53.40	14.46	625.57	625.71
D	218+63.40	14.46	625.62	625.78
E	218+73.40	14.46	625.67	625.82
F	218+83.40	14.46	625.72	625.86
G	218+93.40	14.46	625.77	625.88
H	219+03.40	14.46	625.82	625.89
I	219+13.40	14.46	625.87	625.90
⊕ Brg. Pier 1	219+26.63	14.46	625.94	625.94
J	219+36.63	14.46	625.99	625.99
K	219+46.63	14.46	626.04	626.06
L	219+56.63	14.46	626.09	626.13
M	219+66.63	14.46	626.14	626.20
N	219+76.63	14.46	626.19	626.26
O	219+86.63	14.46	626.24	626.32
P	219+96.63	14.46	626.29	626.36
Q	220+06.63	14.46	626.34	626.40
R	220+16.63	14.46	626.39	626.43
S	220+26.63	14.46	626.44	626.46
T	220+36.63	14.46	626.49	626.49
⊕ Brg. Pier 2	220+46.63	14.46	626.54	626.54
U	220+56.63	14.46	626.59	626.61
V	220+66.63	14.46	626.64	626.70
W	220+76.63	14.46	626.69	626.78
X	220+86.63	14.46	626.74	626.87
Y	220+96.63	14.46	626.79	626.94
Z	221+06.63	14.46	626.84	627.00
AA	221+16.63	14.46	626.89	627.04
BB	221+26.63	14.46	626.94	627.06
CC	221+36.63	14.46	626.99	627.06
⊕ Brg. S. Abut.	221+49.86	14.46	627.06	627.06
Bk. S. Abut.	221+51.63	14.46	627.07	627.07

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DESIGNED - RN  
 CHECKED - MJT  
 DRAWN - MDS  
 CHECKED - RP

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**VILLAGE OF WILLIAMSVILLE  
 SOUTH OLD RTE 66 OVERPASS**

**TOP OF SLAB ELEVATIONS  
 STRUCTURE NO. 084-9951**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	46
			CONTRACT NO. 93679	
SHEET NO. 6 OF 32 SHEETS			ILLINOIS FED. AID PROJECT	

**\*East Edge of Sidewalk**

Location	Station	Offset	Theoretical Grade Elevations
N. End of N. Appr.	217+79.75	-22.00	625.38
A1	217+89.75	-22.00	625.43
A2	217+99.75	-22.00	625.48
S. End of N. Appr.	218+09.75	-22.00	625.53

**East Edge of Pavement**

Location	Station	Offset	Theoretical Grade Elevations
N. End of N. Appr.	217+81.88	-16.00	625.18
A1	217+91.88	-16.00	625.23
A2	218+01.88	-16.00	625.28
S. End of N. Appr.	218+11.88	-16.00	625.33

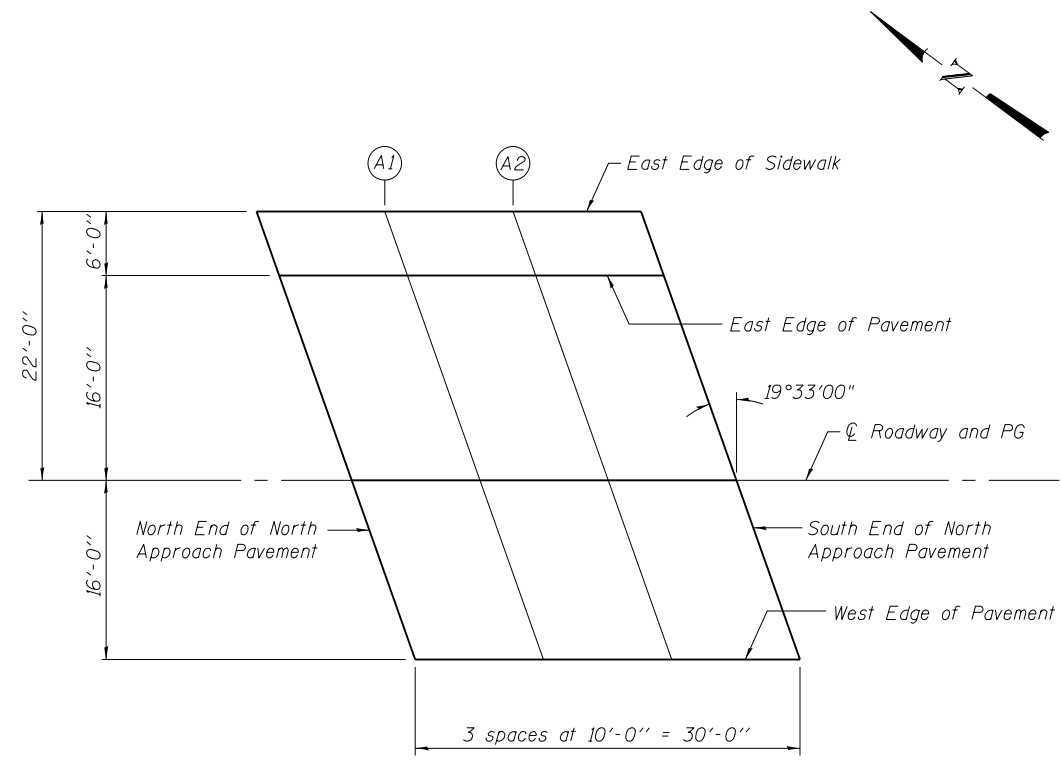
**Centerline Roadway & Profile Grade**

Location	Station	Offset	Theoretical Grade Elevations
N. End of N. Appr.	217+87.56	0.00	625.54
A1	217+97.56	0.00	625.59
A2	218+07.56	0.00	625.64
S. End of N. Appr.	218+17.56	0.00	625.69

\* Theoretical grade elevation shown is 6 1/2" below top of sidewalk at face of parapet.

**West Edge of Pavement**

Location	Station	Offset	Theoretical Grade Elevations
N. End of N. Appr.	217+93.24	16.00	625.24
A1	218+03.24	16.00	625.29
A2	218+13.24	16.00	625.34
S. End of N. Appr.	218+23.24	16.00	625.39



**PLAN**

E-AS

7-1-10

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**VILLAGE OF WILLIAMSVILLE  
SOUTH OLD RTE 66 OVERPASS**

**TOP OF NORTH APPROACH SLAB ELEVATIONS  
STRUCTURE NO. 084-9951**

SHEET NO. 7 OF 32 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	47
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				



**\*East Edge of Sidewalk**

Location	Station	Offset	Theoretical Grade Elevations
N. End of S. Appr.	221+37.63	-22.00	627.17
	A3 221+47.63	-22.00	627.22
S. End of S. Appr.	A4 221+57.63	-22.00	627.27
	221+67.63	-22.00	627.32

**East Edge of Pavement**

Location	Station	Offset	Theoretical Grade Elevations
N. End of S. Appr.	221+39.76	-16.00	626.97
	A3 221+49.76	-16.00	627.02
S. End of S. Appr.	A4 221+59.76	-16.00	627.07
	221+69.76	-16.00	627.12

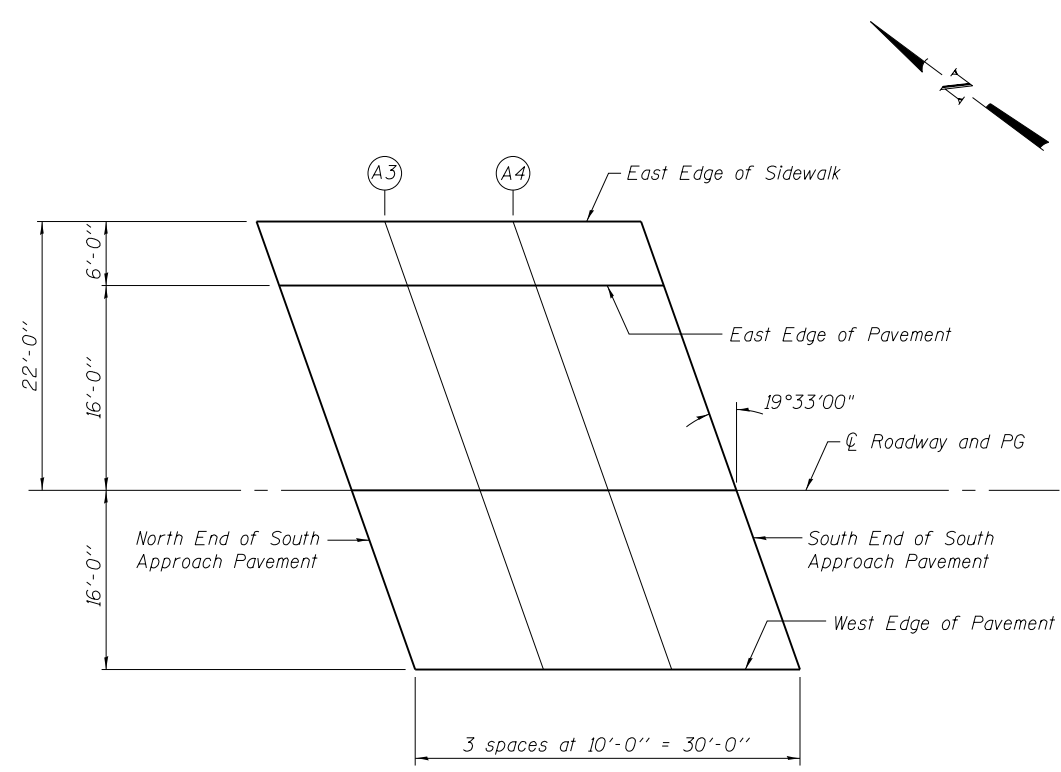
**Centerline Roadway & Profile Grade**

Location	Station	Offset	Theoretical Grade Elevations
N. End of S. Appr.	221+45.44	0.00	627.33
	A3 221+55.44	0.00	627.38
S. End of S. Appr.	A4 221+65.44	0.00	627.43
	221+75.44	0.00	627.48

\* Theoretical grade elevation shown is 6 1/2" below top of sidewalk at face of parapet.

**West Edge of Pavement**

Location	Station	Offset	Theoretical Grade Elevations
N. End of S. Appr.	221+51.12	16.00	627.03
	A3 221+61.12	16.00	627.08
S. End of S. Appr.	A4 221+71.12	16.00	627.13
	221+81.12	16.00	627.18



**PLAN**

E-AS

7-1-10

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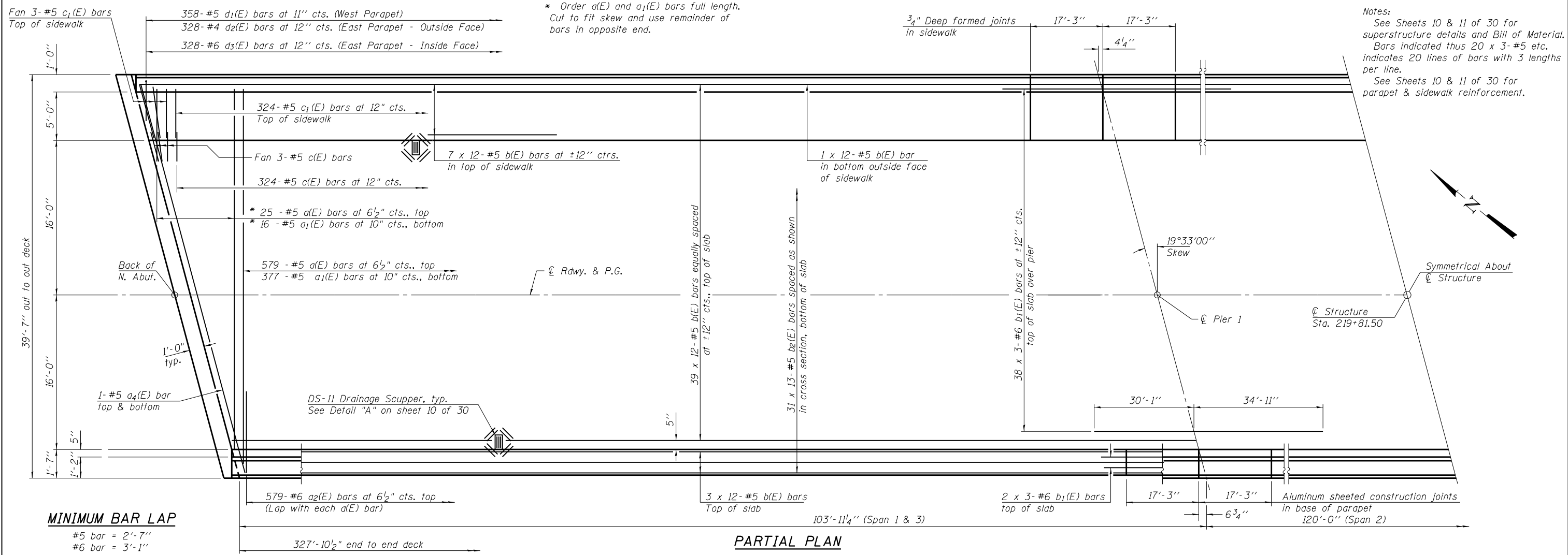
**VILLAGE OF WILLIAMSVILLE  
SOUTH OLD RTE 66 OVERPASS**

**TOP OF SOUTH APPROACH SLAB ELEVATIONS  
STRUCTURE NO. 084-9951**

SHEET NO. 8 OF 32 SHEETS

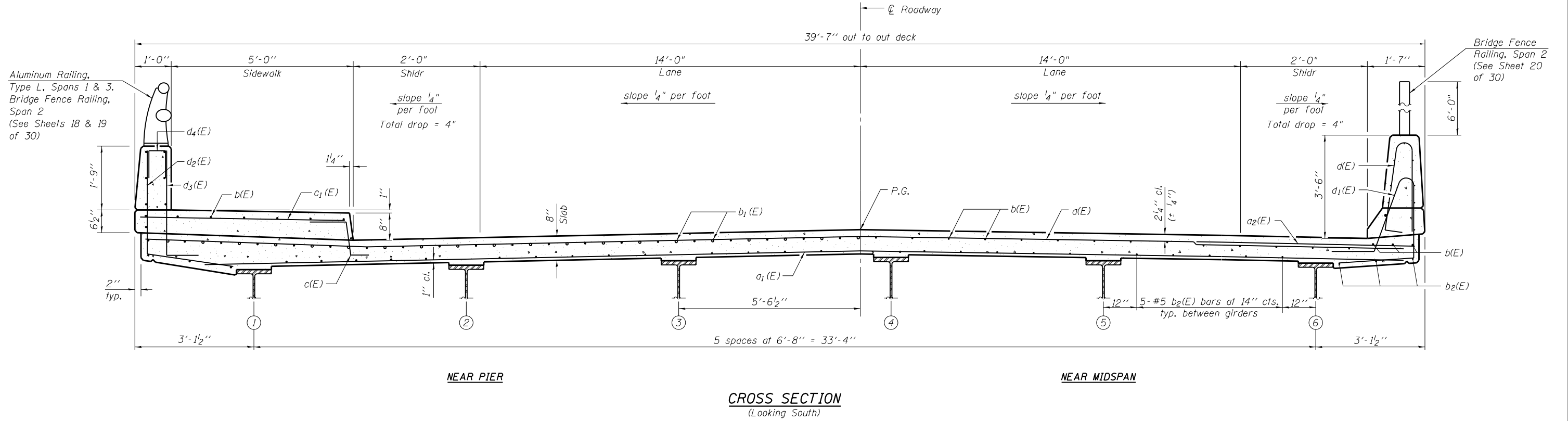
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	48
<b>CONTRACT NO. 93679</b>				

ILLINOIS FED. AID PROJECT



**MINIMUM BAR LAP**  
 #5 bar = 2'-7"  
 #6 bar = 3'-1"

**PARTIAL PLAN**



**CROSS SECTION**  
 (Looking South)

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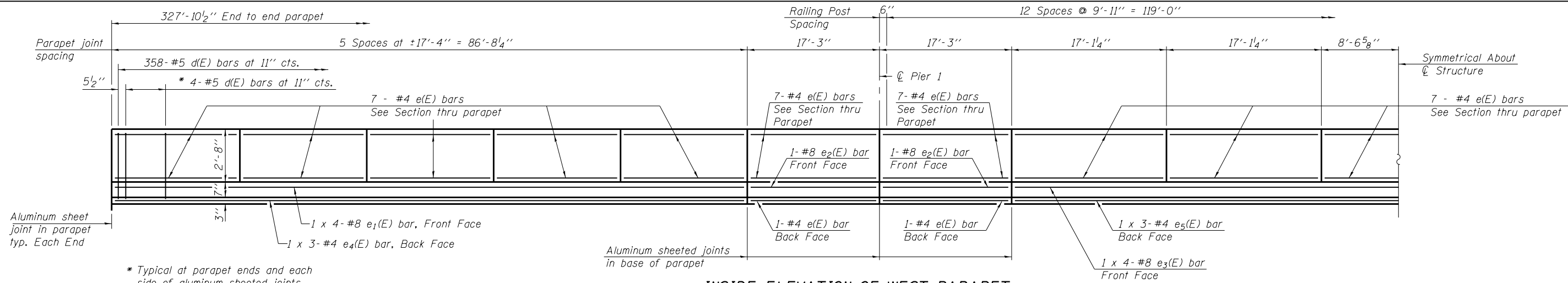
**VILLAGE OF WILLIAMSVILLE  
 SOUTH OLD RTE 66 OVERPASS**

**SUPERSTRUCTURE  
 STRUCTURE NO. 084-9951**

SHEET NO. 9 OF 32 SHEETS

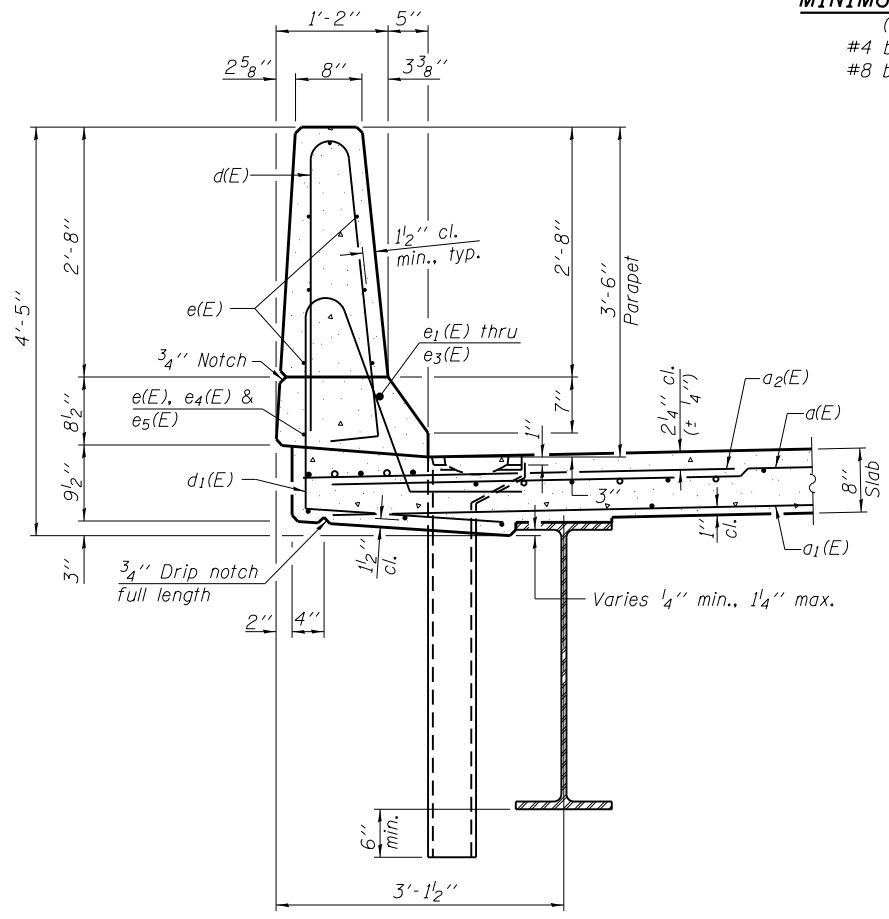
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 93679				

ILLINOIS FED. AID PROJECT

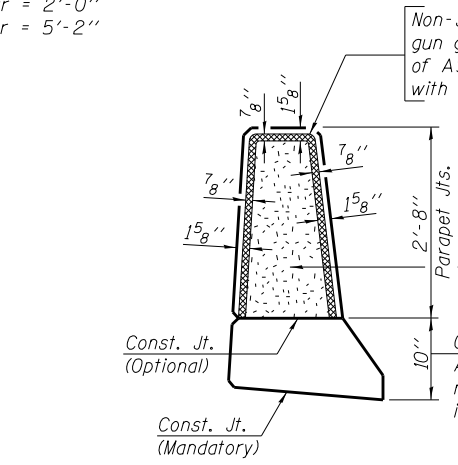


**INSIDE ELEVATION OF WEST PARAPET**  
(Looking West)

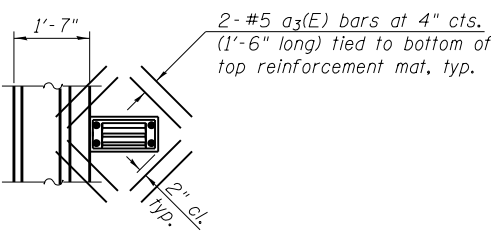
**MINIMUM BAR LAP**  
(Parapet)  
#4 bar = 2'-0"  
#8 bar = 5'-2"



**SECTION THRU WEST PARAPET**

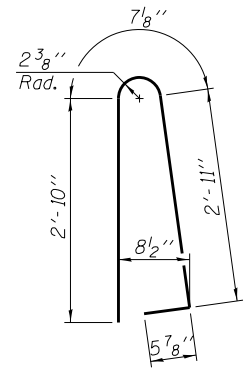


**PARAPET JOINT DETAILS**  
(West Parapet)

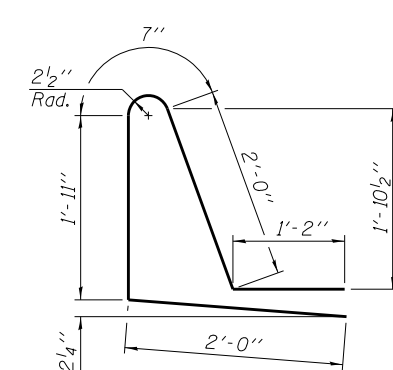


**DETAIL A**

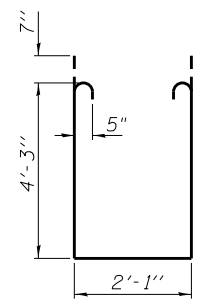
Note:  
Cut longitudinal reinforcement to clear drainage scuppers.



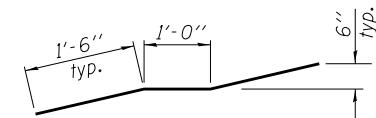
**BAR d(E)**



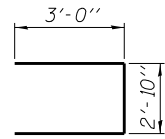
**BAR d1(E)**



**BAR s1(E)**



**BAR m3(E)**



**BAR s(E)**

**SUPERSTRUCTURE**  
**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a(E)	604	#5	38'-11"	—
a1(E)	393	#5	38'-5"	—
a2(E)	579	#6	6'-6"	—
a3(E)	16	#5	1'-6"	—
a4(E)	4	#5	41'-3"	—
b(E)	600	#5	29'-8"	—
b1(E)	240	#6	23'-9"	—
b2(E)	403	#5	27'-7"	—
c(E)	330	#5	2'-4"	—
c1(E)	330	#5	5'-7"	—
d(E)	414	#5	6'-10"	—
d1(E)	358	#5	7'-8"	—
d2(E)	328	#4	4'-10"	—
d3(E)	328	#6	3'-9"	—
d4(E)	74	#4	2'-0"	—
e(E)	251	#4	16'-10"	—
e1(E)	8	#8	25'-6"	—
e2(E)	4	#8	16'-11"	—
e3(E)	4	#8	25'-3"	—
e4(E)	6	#4	30'-2"	—
e5(E)	3	#4	29'-10"	—
m(E)	20	#6	22'-7"	—
m1(E)	40	#6	6'-8"	—
m2(E)	16	#6	2'-8"	—
m3(E)	36	#5	4'-0"	—
s(E)	72	#5	8'-10"	—
s1(E)	72	#5	11'-9"	—
Reinforcement Bars, Epoxy Coated			Pound	103,210
Concrete Superstructure			Cu. Yds.	485.2

Bars indicated thus 1 x 2-#8 etc. indicates 1 line of bars with 2 lengths per line.

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PLOT DATE = 3/12/2018

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DRAWN - MDS  
CHECKED - RP

REVISED -  
REVISED -  
REVISED -  
REVISED -

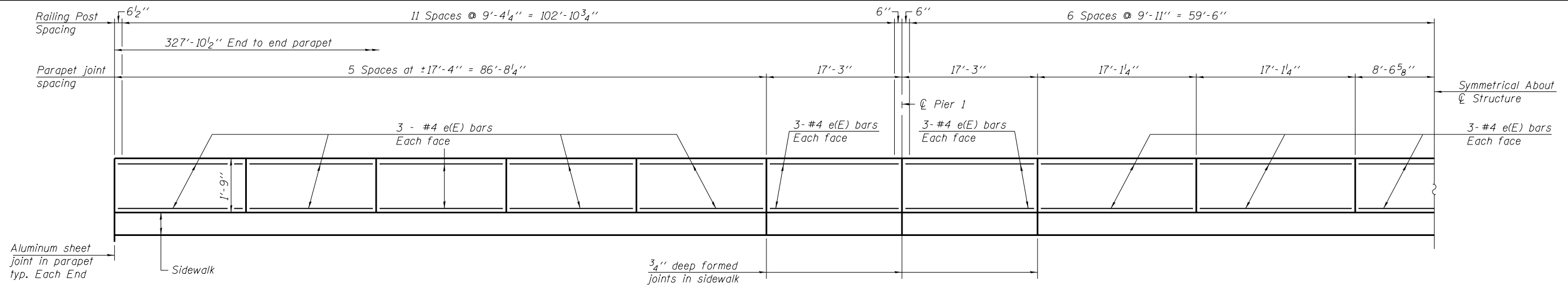
**VILLAGE OF WILLIAMSVILLE**  
**SOUTH OLD RTE 66 OVERPASS**

**SUPERSTRUCTURE DETAILS**  
**STRUCTURE NO. 084-9951**

SHEET NO. 10 OF 32 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	50
				CONTRACT NO. 93679

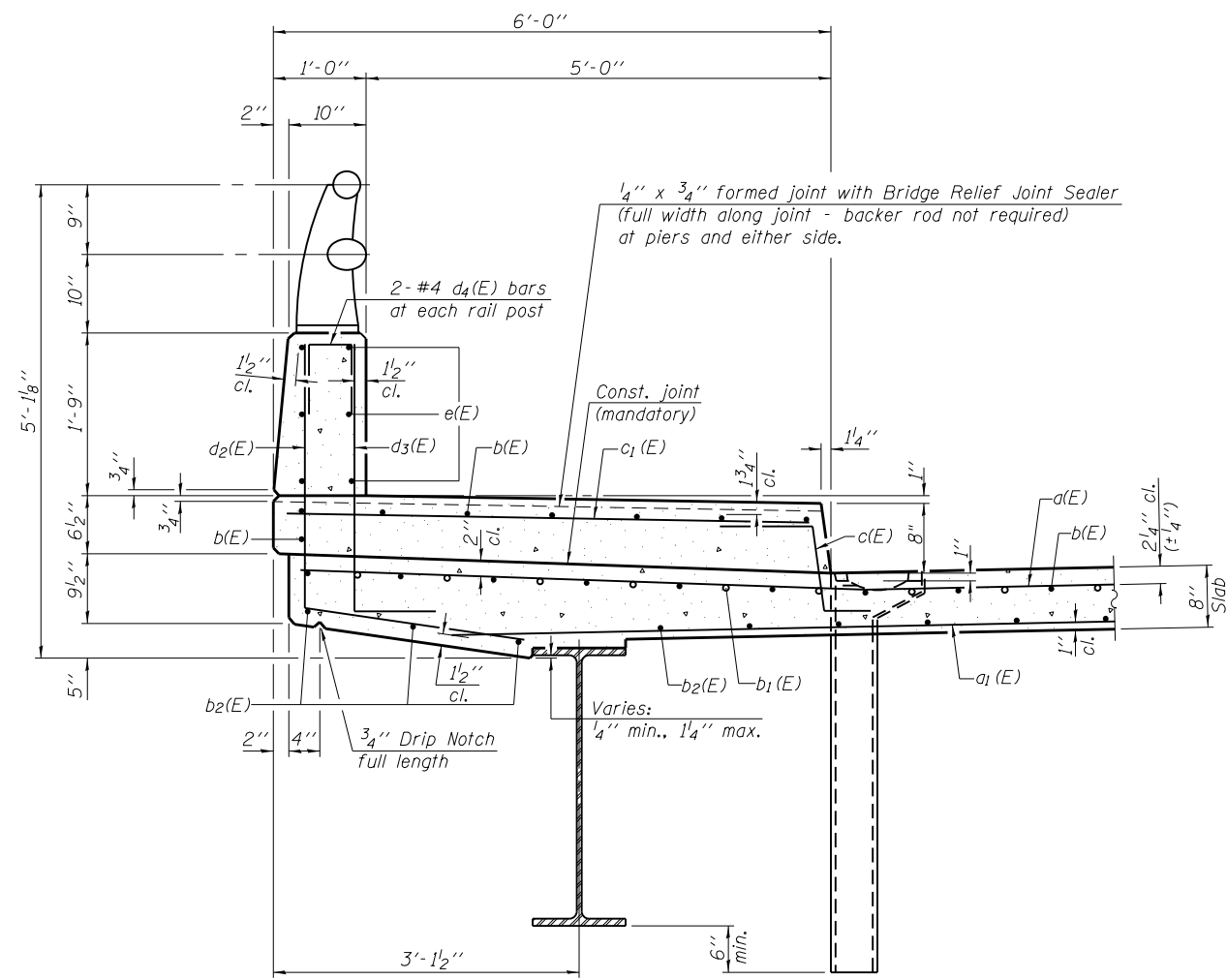
ILLINOIS FED. AID PROJECT



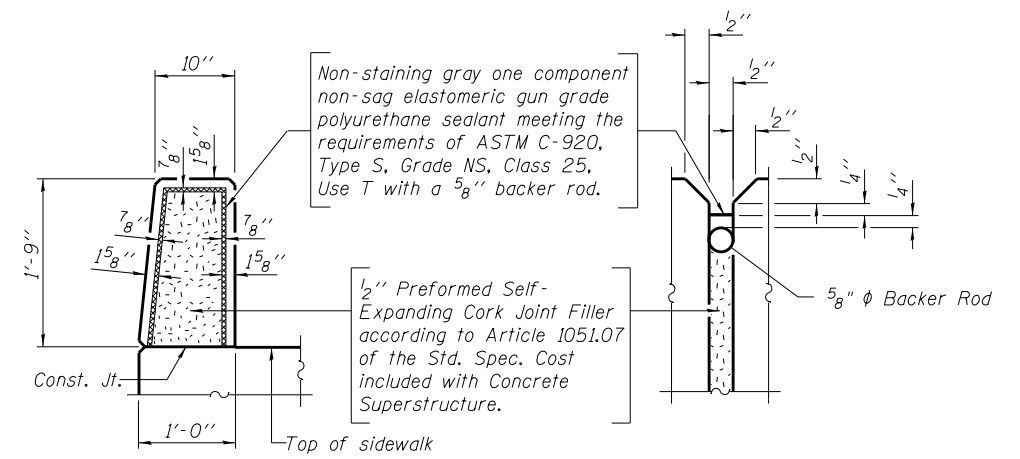
**INSIDE ELEVATION OF EAST PARAPET**

(Looking East)

Note:  
See Sheet 10 of 30 for Bill of Material.

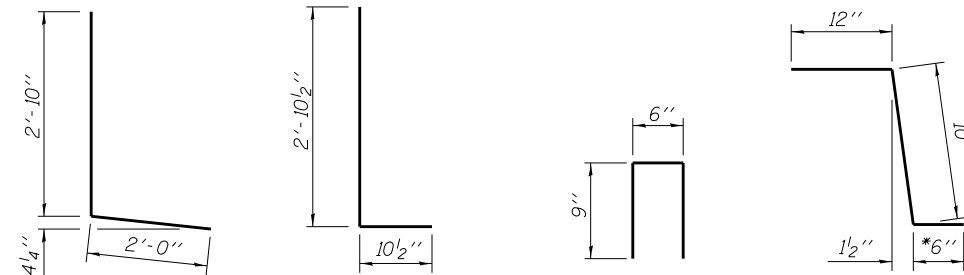


**SECTION THRU SIDEWALK**



**PARAPET JOINT DETAILS**

(East Parapet)



**BAR d<sub>2</sub>(E)**

**BAR d<sub>3</sub>(E)**

**BAR d<sub>4</sub>(E)**

**BAR c(E)**

\* In lieu of bottom leg. c(E) bars may be cored and set according to Article 509.06 of the Standard Specifications. Cored holes shall be roughened or scored per manufacturer's recommendations. Maximum depth of cored hole shall not exceed 6".

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USER NAME = msutheard  
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DRAWN - MDS  
CHECKED - RP

REVISED -  
REVISED -  
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REVISED -

**VILLAGE OF WILLIAMSVILLE  
SOUTH OLD RTE 66 OVERPASS**

**SUPERSTRUCTURE DETAILS  
STRUCTURE NO. 084-9951**

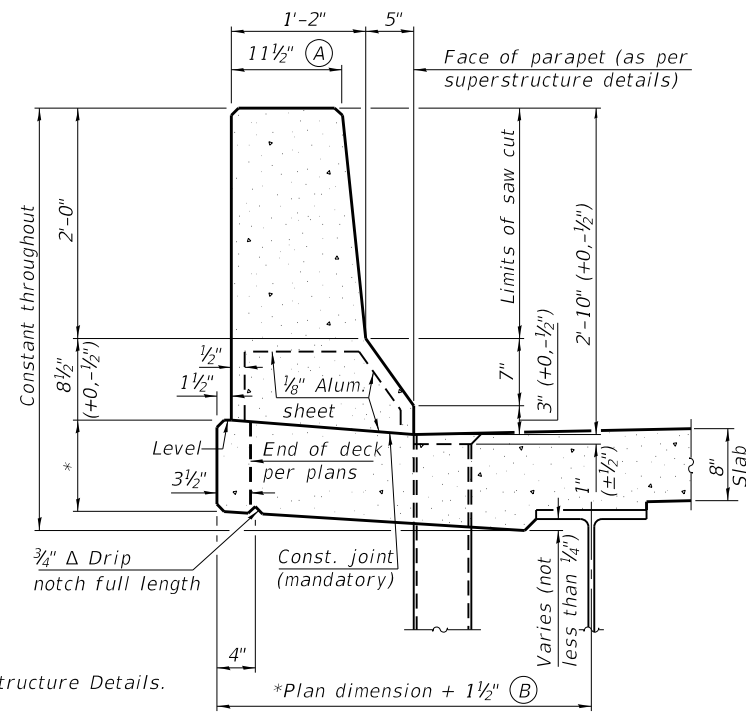
SHEET NO. 11 OF 32 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-0008-00-BR	SANGAMON	118	51
CONTRACT NO. 93679				

ILLINOIS FED. AID PROJECT

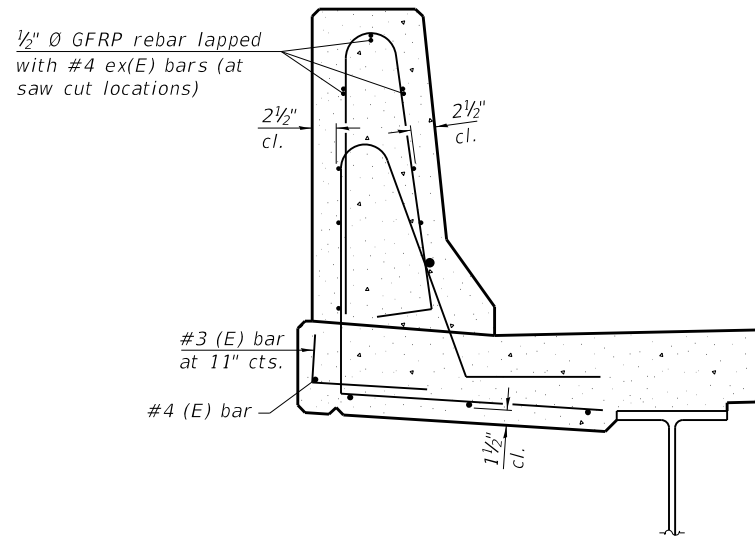
**GENERAL NOTES**

All dimensions shall remain the same as shown on superstructure details, except dimensions A and B which are to be revised as shown to provide additional clearance. Additional concrete needed to revise dimension A and B = 0.0165 cu. yds./ft. for 34" parapet or = 0.0223 cu. yds./ft. for 42" parapet.  
Place aluminum sheet in curb portion at and near piers. Full thickness saw cut at all joint locations in lieu of cork joint filler.  
Steel superstructure shown. Other superstructure types similar.



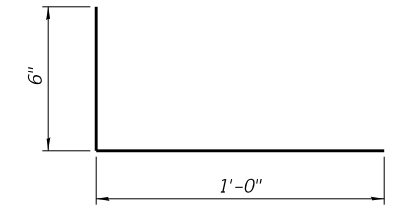
**34" F SHAPE PARAPET SECTION**  
(Showing dimensions)

\*See Superstructure Details.

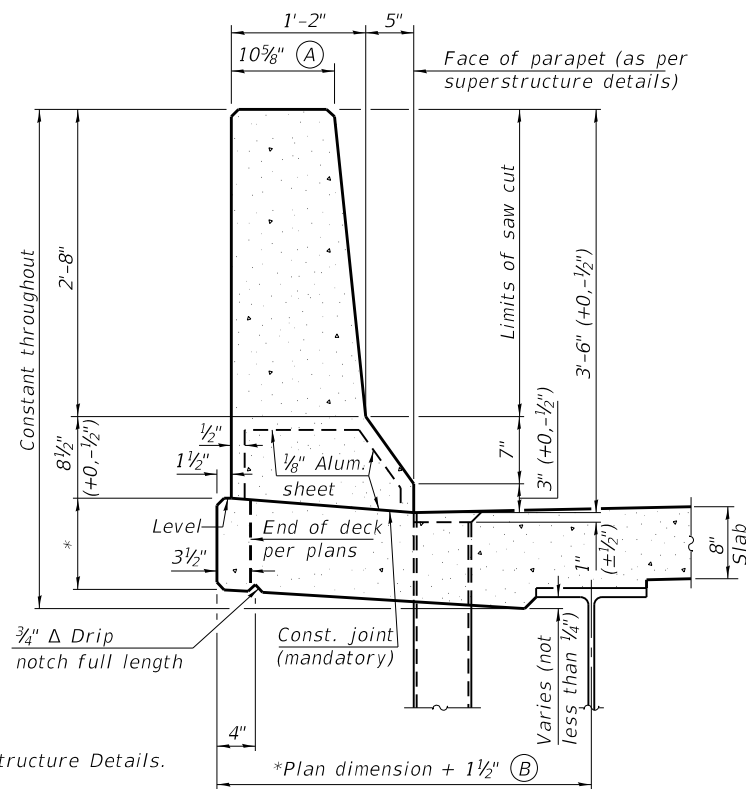


**SECTION**

(34" parapet shown - 42" parapet similar)  
(Showing reinforcement clearances for slip forming and additional reinforcement bars)

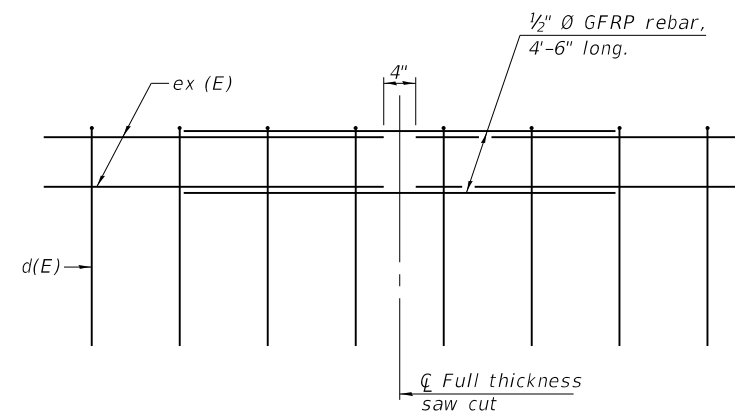


**#3 (E) BAR**



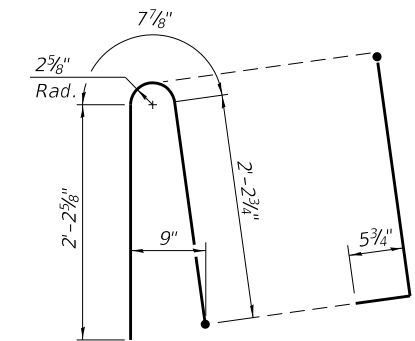
**42" F SHAPE PARAPET SECTION**  
(Showing dimensions)

\*See Superstructure Details.

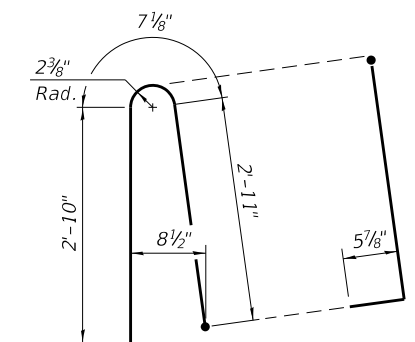


**GFRP REBAR STIFFENING DETAIL**

(Place as shown in parapet section at each parapet joint location.)



**ALTERNATE BAR d(E)**  
(For 34" parapet when conduit is present)



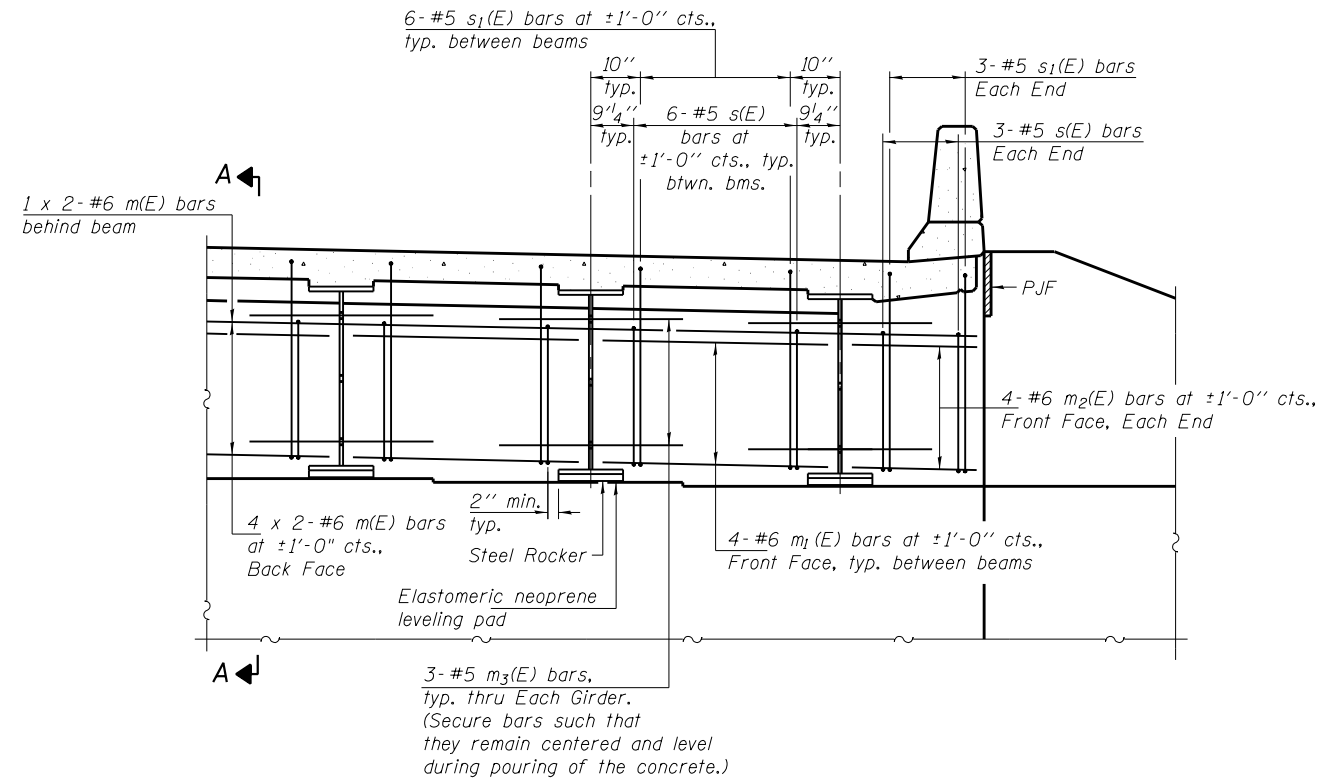
**ALTERNATE BAR d(E)**  
(For 42" parapet when conduit is present)

SFP 34-42

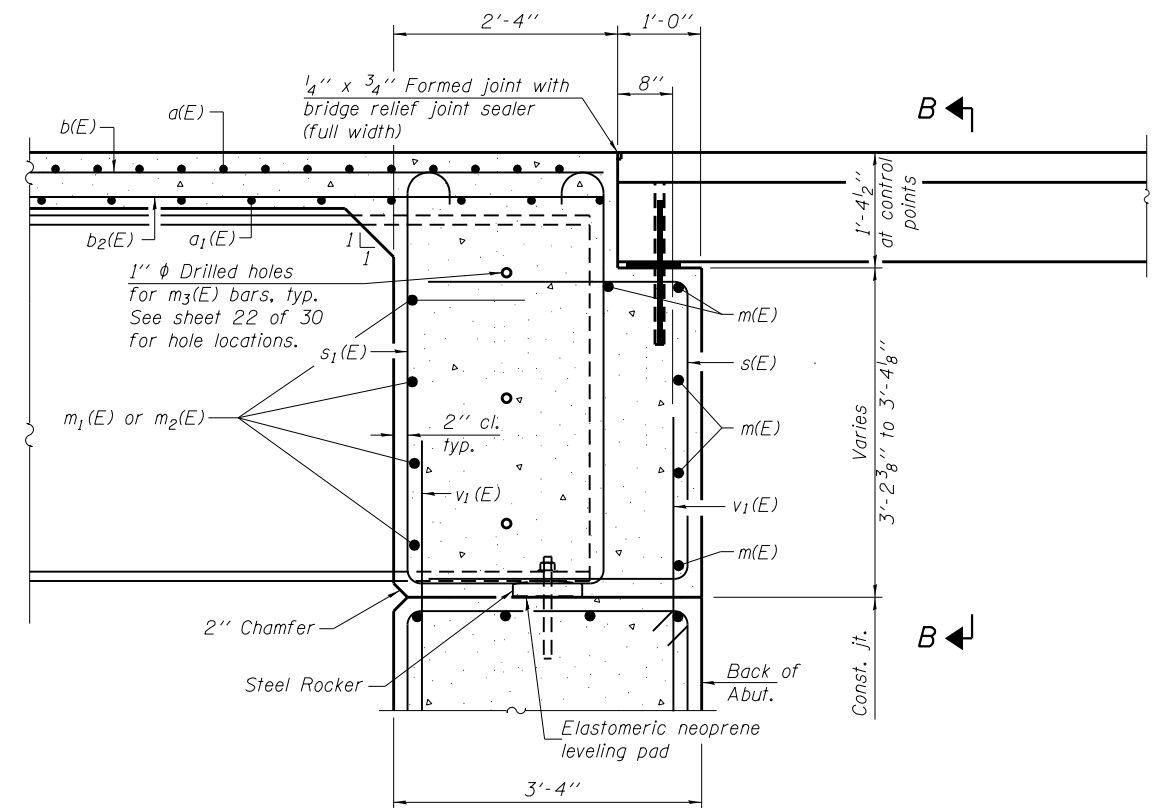
2-17-2017

<p><b>KUHN &amp; TRELLO</b> CONSULTING ENGINEERS A Limited Liability Company 109 N. 7th Street, 3rd Floor Springfield, IL 62702 Phone: 217-678-0244</p>	USER NAME = msutheard FILE NAME = 0849951-011A-SlipFormDet.dwg PLOT SCALE = 0:2.0000 " = 1" / in. PLOT DATE = 5/3/2018	DESIGNED - RN CHECKED - MJT DRAWN - MDS CHECKED - RP	REVISED - REVISED - REVISED - REVISED -	<b>VILLAGE OF WILLIAMSVILLE</b> <b>SOUTH OLD RTE 66 OVERPASS</b>	<b>CONCRETE PARAPET SLIPFORMING OPTION</b> <b>STRUCTURE NO. 084-9951</b>	F.A. RTE. = SECTION = 12-00008-00-BR COUNTY = SANGAMON TOTAL SHEETS = 118 SHEET NO. = 51A	CONTRACT NO. 93679
	SHEET NO. 11A OF 32 SHEETS						ILLINOIS FED. AID PROJECT

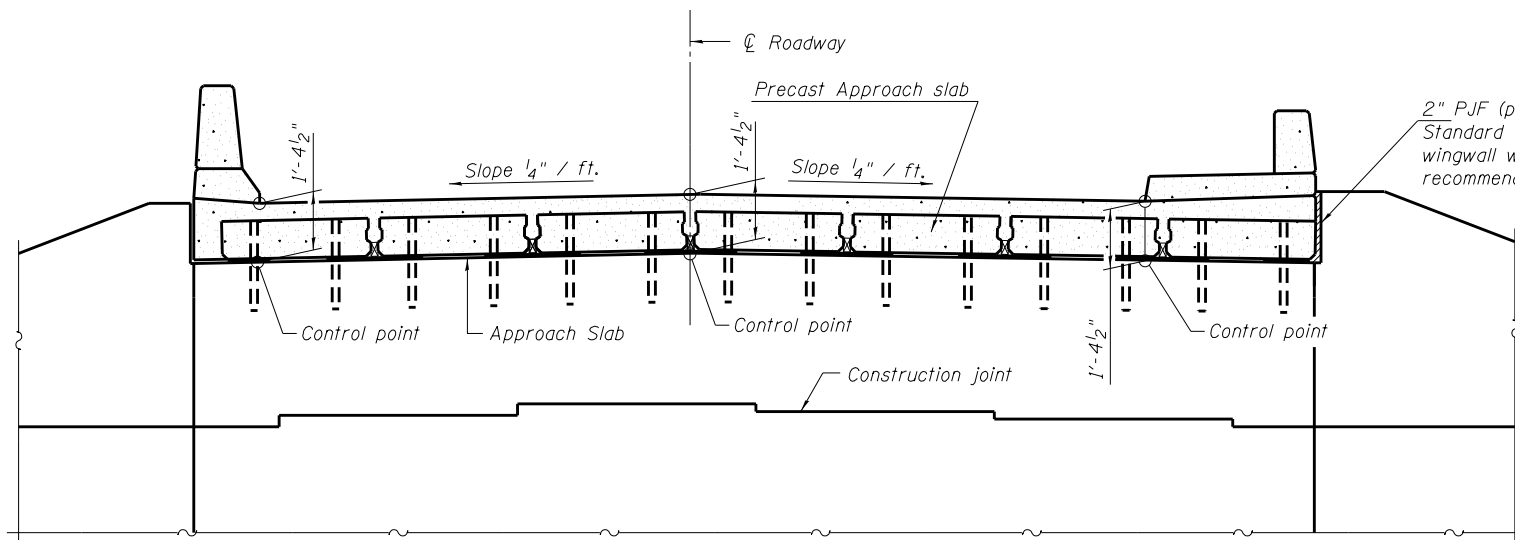
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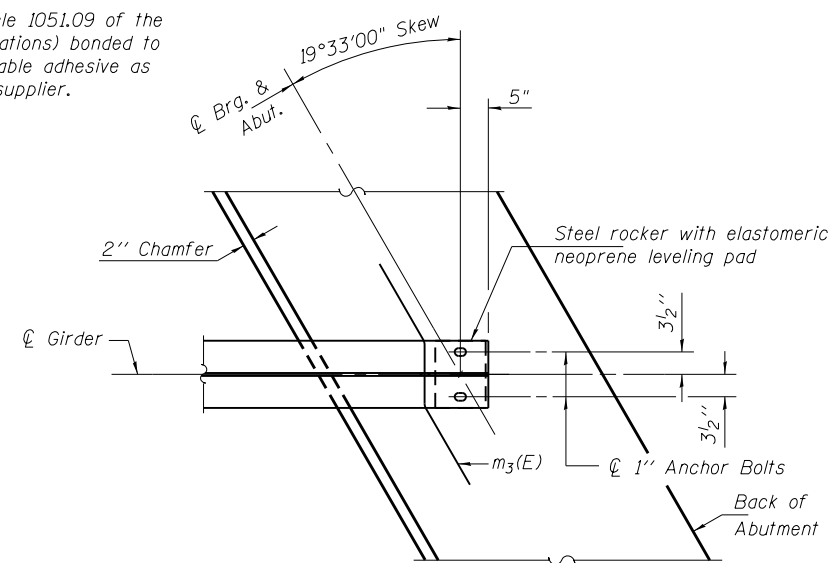
**DIAPHRAGM ELEVATION AT SOUTH ABUTMENT**  
(Looking South)  
(North Abutment Similar)



**SECTION A-A**  
(at Rt. L's)



**SECTION B-B**



**PARTIAL PLAN AT ABUTMENT**  
(Showing bottom flange of girder)

**MINIMUM BAR LAP**  
#6 bar = 3'-1"

**Notes:**  
Reinforcement bars in diaphragm are billed with superstructure on sheet 10 of 30.  
Concrete in diaphragm is included with Concrete Superstructure on sheet 10 of 30.  
For details of bars m3(E), s(E) and s1(E) see sheet 10 of 30.  
The s(E) and s1(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.  
The approach slab seat shall have a constant slope determined from the control points shown.  
For bearing details see sheet 23 of 30.

DSI-40-R

8-31-12



USER NAME = msutheard  
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PLOT DATE = 3/9/2018

DESIGNED - RN  
CHECKED - MJT  
DRAWN - MDS  
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REVISED -  
REVISED -  
REVISED -  
REVISED -

**VILLAGE OF WILLIAMSVILLE  
SOUTH OLD RTE 66 OVERPASS**

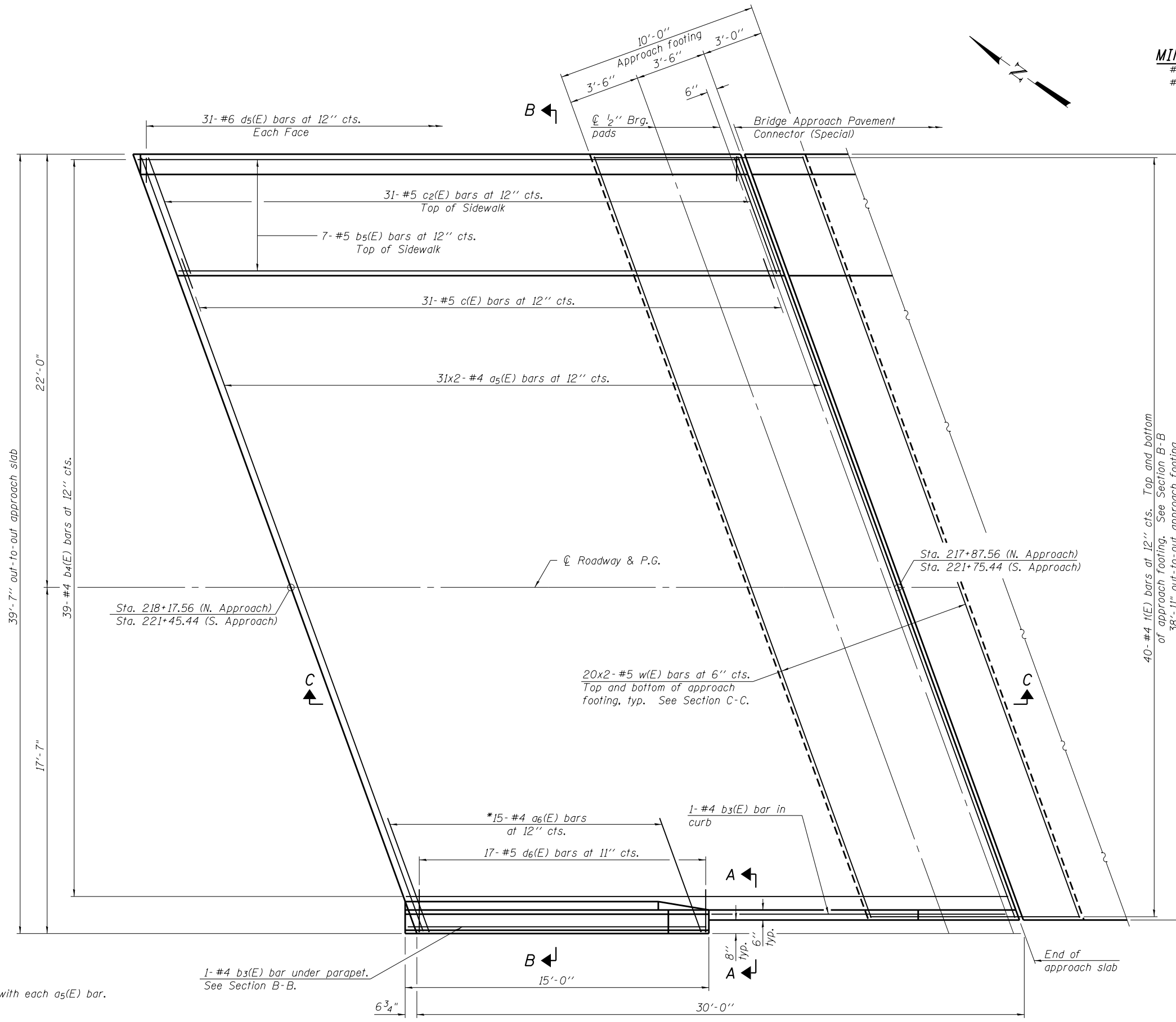
**DIAPHRAGM DETAILS  
STRUCTURE NO. 084-9951**

SHEET NO. 12 OF 32 SHEETS

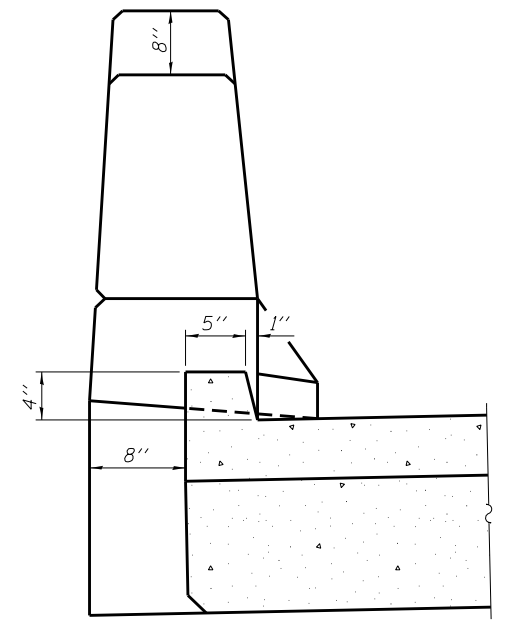
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	52
CONTRACT NO. 93679				

ILLINOIS FED. AID PROJECT

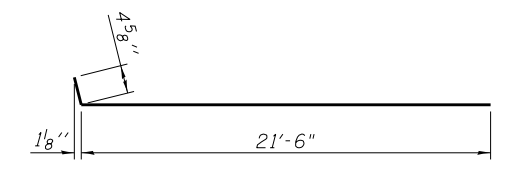
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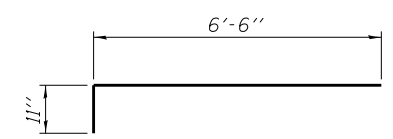
**MIN. BAR LAP**  
 #4 bar = 2'-4"  
 #5 bar = 2'-7"



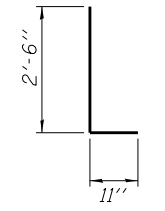
**SECTION A-A**



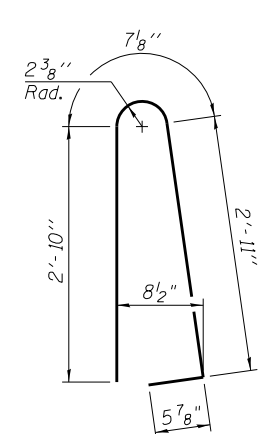
**BAR a5(E)**



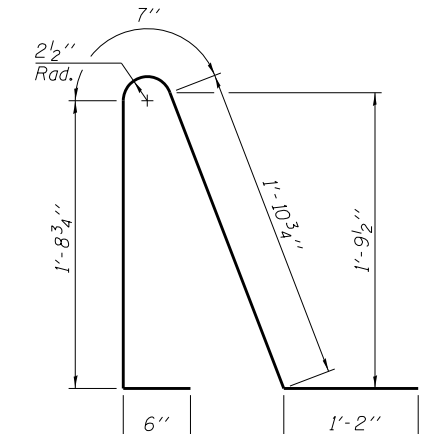
**BAR a6(E)**



**BAR d5(E)**



**BAR d(E)**



**BAR d6(E)**

**PLAN**

(Showing Wearing Surface)  
 (South Approach shown - North Approach opposite hand)

**BA-P-R** 12-12-12 (Beams: 36" min. width; 72" max. width)

(Sheet 1 of 4)



USER NAME = msutheard	DESIGNED - RN	REVISED -
FILE NAME = 0849951-013-ApprSlabDet.dwg	CHECKED - MJT	REVISED -
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PLOT DATE = 3/9/2018	CHECKED - RP	REVISED -

**VILLAGE OF WILLIAMSVILLE  
 SOUTH OLD RTE 66 OVERPASS**

**APPROACH SLAB DETAILS  
 STRUCTURE NO. 084-9951**

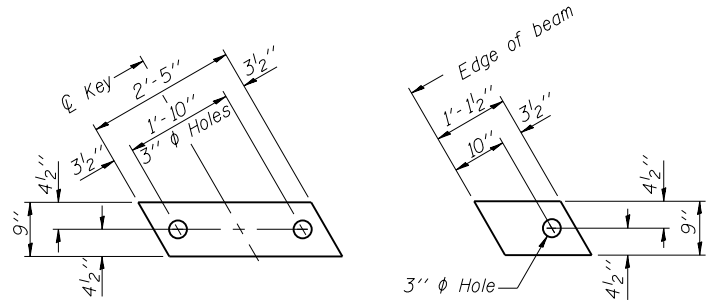
SHEET NO. 13 OF 32 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	53
CONTRACT NO. 93679				

ILLINOIS FED. AID PROJECT

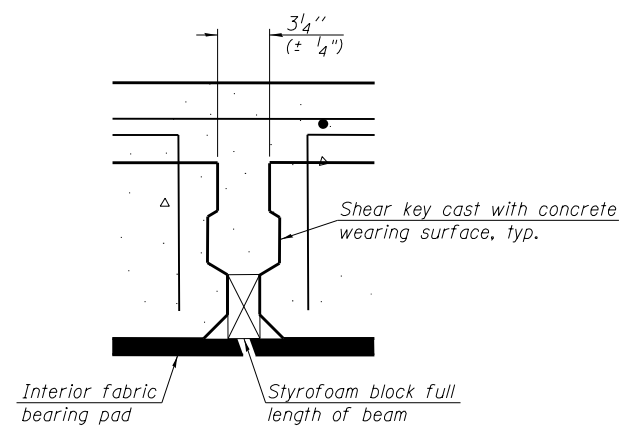




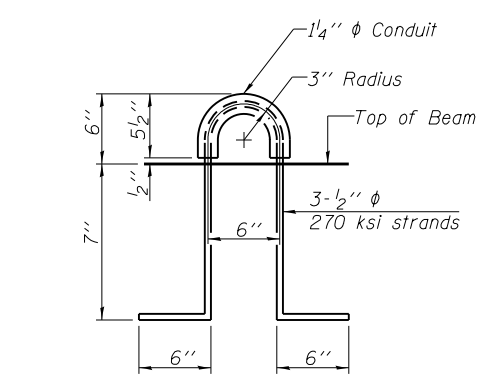


**FABRIC BEARING PAD**

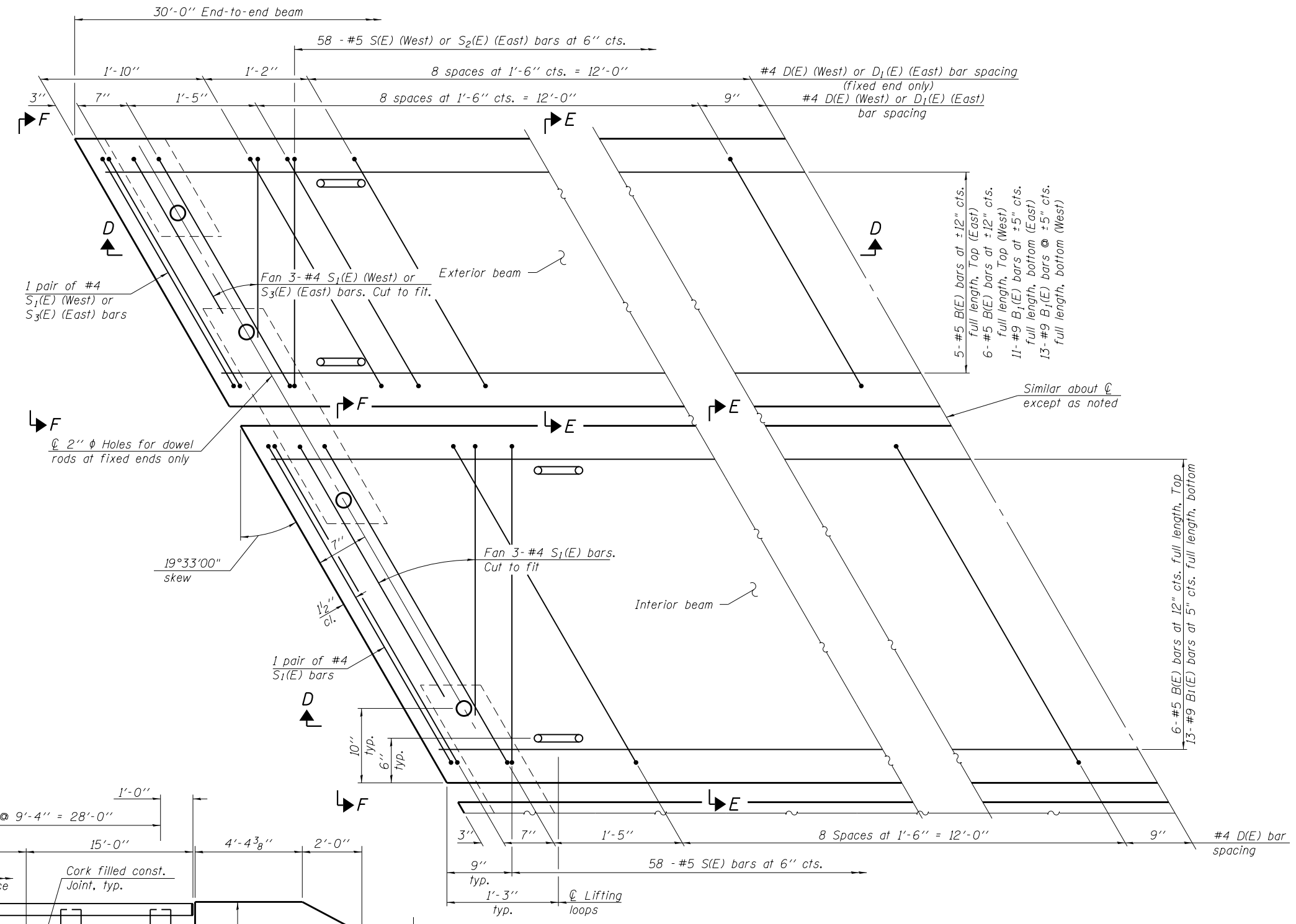
Notes:  
 All bearing pads shall be 1/2" thick.  
 Omit holes for fabric bearing pads at approach slab footing end of beams.  
 Expansion bearing pad shall be bonded to the approach slab footing.



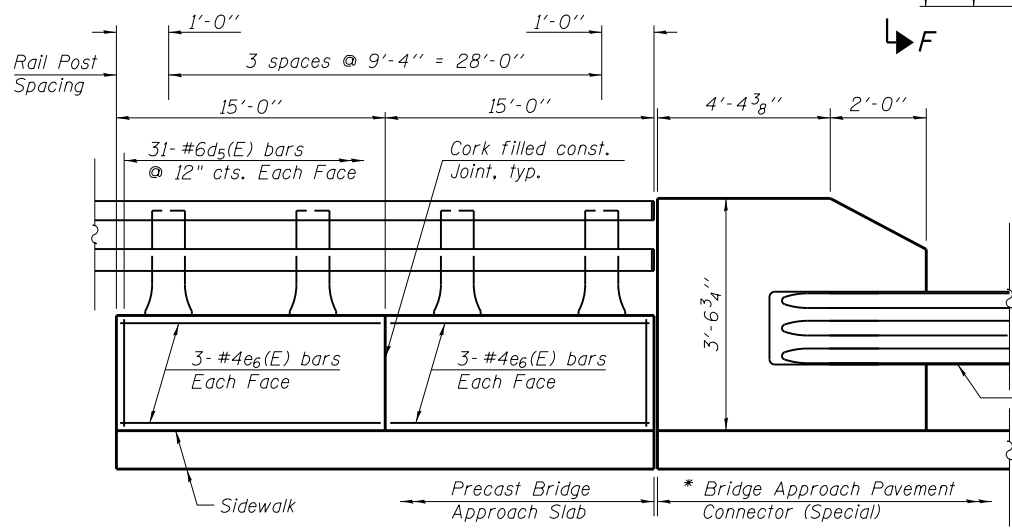
**SECTION THRU SHEAR KEY JOINT**



**LIFTING LOOP DETAIL**



**PLAN VIEW**  
 (showing precast bridge approach beams)



**INSIDE ELEVATION OF EAST PARAPET**  
 (Looking East)

BA-P-R

12-12-12

(Beams: 36" min. width; 72" max. width)

(Sheet 3 of 4)



USER NAME = msutheard  
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 PLOT DATE = 3/9/2018

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 DRAWN - MDS  
 CHECKED - RP

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

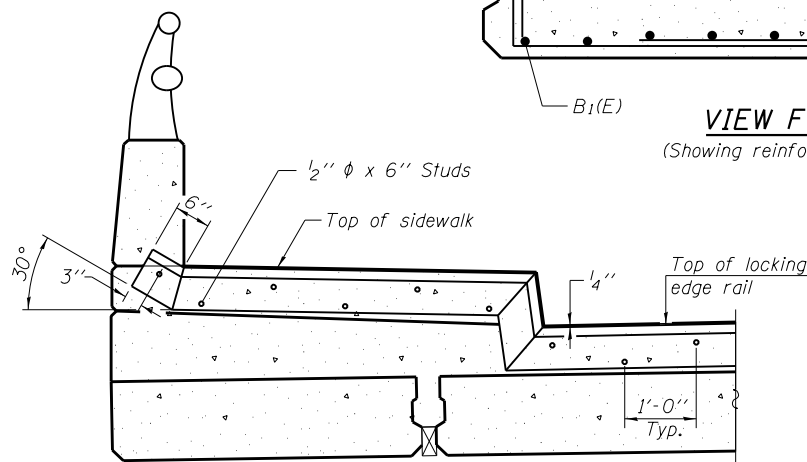
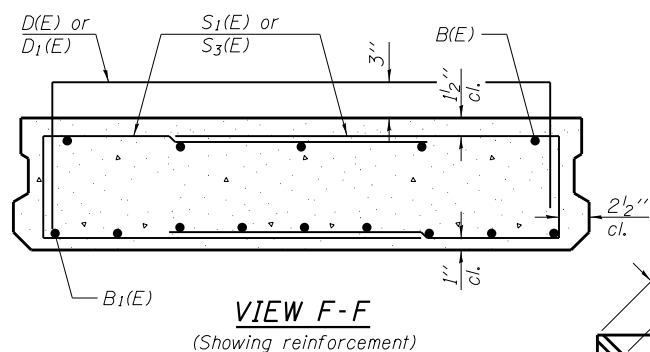
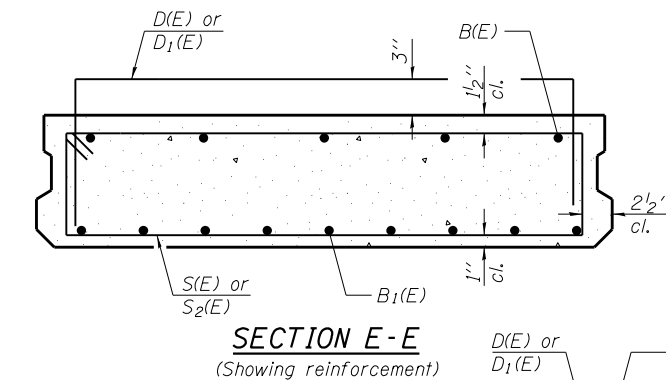
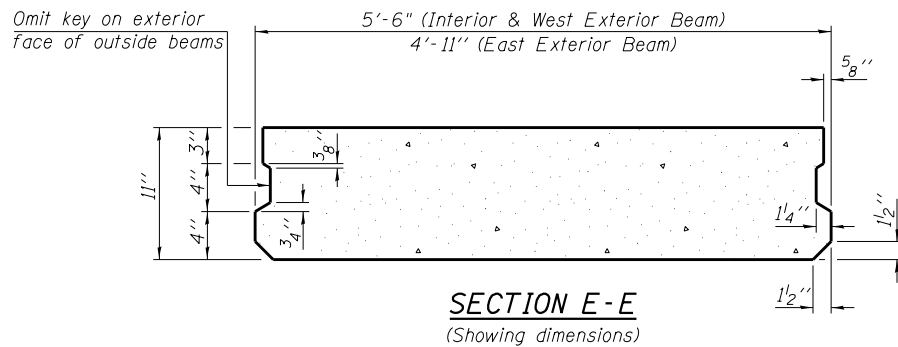
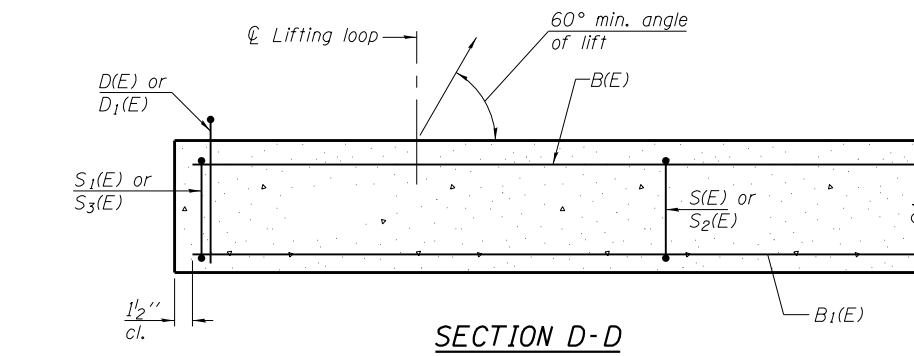
**VILLAGE OF WILLIAMSVILLE  
 SOUTH OLD RTE 66 OVERPASS**

**APPROACH SLAB DETAILS  
 STRUCTURE NO. 084-9951**

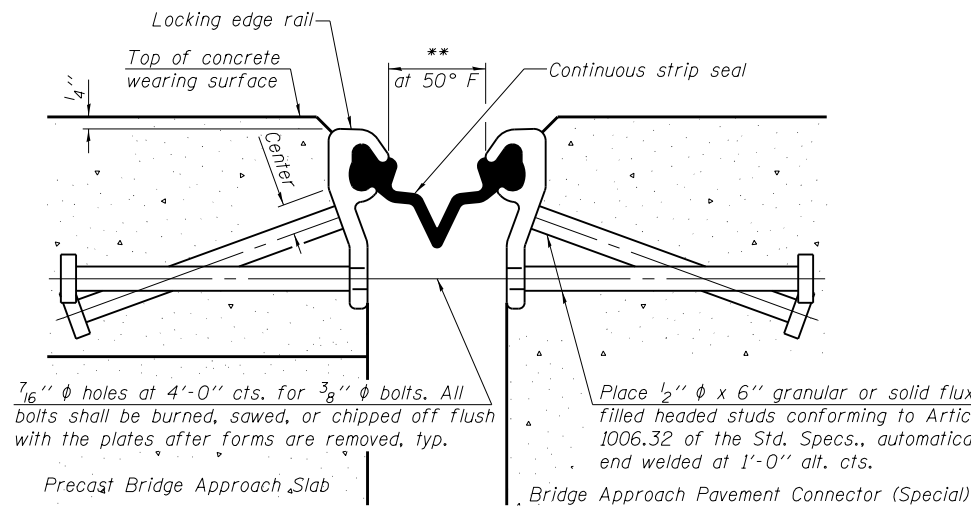
SHEET NO. 15 OF 32 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-0008-00-BR	SANGAMON	118	55
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				

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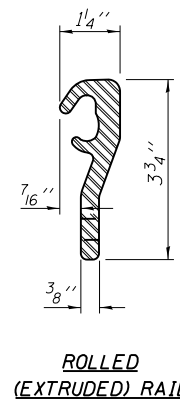


**TYPICAL END TREATMENT AT SIDEWALK**  
(Looking South)

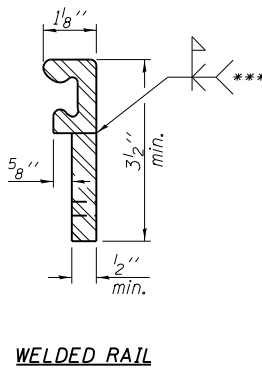


**SECTION THRU STRIP SEAL JOINT**  
(at rt. angles)

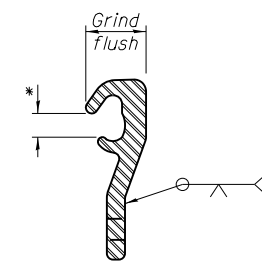
7/16"  $\phi$  holes at 4'-0" cts. for 3/8"  $\phi$  bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.  
Precast Bridge Approach Slab  
Bridge Approach Pavement Connector (Special)



**ROLLED (EXTRUDED) RAIL**



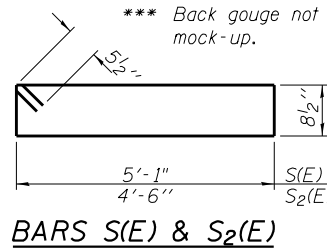
**WELDED RAIL**



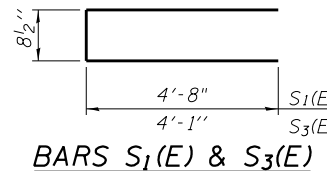
**LOCKING EDGE RAIL SPLICE**  
Rolled rail shown, welded rail similar.

**LOCKING EDGE RAIL**

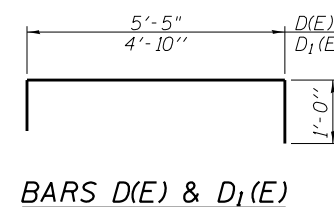
- \* Omit weld at seal opening.
- \*\* The joint opening shall be determined per Article 520.04 except that on jointless structures, the distance described as the bridge length between the nearest fixed bearings each way from the joint shall be taken as half the bridge length plus the approach slab length. The minimum dimension shall be 1 1/2" for installation purposes.
- \*\*\* Back gouge not required if complete joint penetration is verified by mock-up.



**BARS S(E) & S2(E)**



**BARS S1(E) & S3(E)**



**BARS D(E) & D1(E)**

**BAR LIST WEST EXTERIOR BEAM**  
(For information only)

Bar	No.	Size	Length	Shape
B(E)	6	#5	29'-8"	—
B1(E)	13	#9	29'-8"	—
D(E)	31	#4	7'-5"	□
S(E)	58	#5	12'-6"	▣
S1(E)	10	#5	10'-1"	▣

**BAR LIST EACH INTERIOR BEAM**  
(For information only)

Bar	No.	Size	Length	Shape
B(E)	6	#5	29'-8"	—
B1(E)	13	#9	29'-8"	—
D(E)	22	#4	7'-5"	□
S(E)	58	#5	12'-6"	▣
S1(E)	10	#5	10'-1"	▣

**BAR LIST EAST EXTERIOR BEAM**  
(For information only)

Bar	No.	Size	Length	Shape
B(E)	6	#5	29'-8"	—
B1(E)	13	#9	29'-8"	—
D1(E)	31	#4	6'-10"	□
S2(E)	58	#5	11'-4"	▣
S3(E)	10	#5	8'-11"	▣

**Notes:**

- The precast bridge approach slab shall be according to Section 504 of the Standard Specifications and shall be paid for at the contract unit price per square foot for Precast Bridge Approach Slab.
- Cast-in-place substitution of Precast Bridge Approach Slab is not allowed.
- Parapet concrete shall be paid for as Concrete Superstructure.
- Parapet and wearing surface reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
- Approach footing concrete shall be paid for as Concrete Structures.
- The top surface of precast bridge approach slabs shall be roughened to a depth of 1/4" according to the IDOT "Manual for Fabrication of Precast Prestressed Concrete Products."
- After precast bridge approach slab has been erected, holes shall be drilled into abutment and anchor dowels placed. Dowel holes shall be filled with non-shrink grout to top of precast slab and allowed to cure fully prior to grouting the longitudinal shear keys.
- Two 1/8" fabric adjusting shims of the dimensions of the exterior bearing pad shall be provided for each bearing pad location. Cost included with Precast Bridge Approach Slab.
- A minimum 2 1/2"  $\phi$  lifting pins shall be used to engage the lifting loops during handling.
- Compressive strength of precast concrete, f'c shall be 6,000 psi.
- For additional parapet details, see sheet 14 of 30.
- Any concrete poured monolithically with the wearing surface, such as curbs, will not be paid for separately, but will be included in the cost of Concrete Wearing Surface, 5'.
- The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The strip seal shall extend 6" beyond the edge of the approach slab on the west end. The configuration of the strip seal shall match the configuration of the Locking Edge Rails.
- The height and thickness of the Locking Edge Rails shown are minimum dimensions. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed.
- The inside of the Locking Edge Rail groove shall be free of weld residue. Locking Edge Rails may be spliced at slope discontinuities and stage construction joints.
- The manufacturer's recommended installation methods shall be followed.
- All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.
- Maximum space between rail segments at stage lines shall be 3/16", sealed with a suitable sealant.

**TWO APPROACHES BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a5(E)	124	#4	21'-11"	□
a6(E)	30	#4	7'-5"	□
b3(E)	4	#4	14'-8"	—
b4(E)	78	#4	29'-8"	—
b5(E)	14	#5	29'-8"	—
c(E)	62	#5	2'-4"	□
c2(E)	62	#5	6'-0"	—
d(E)	52	#5	6'-10"	□
d4(E)	16	#4	2'-0"	□
d5(E)	124	#6	3'-5"	□
d6(E)	34	#5	5'-11"	□
e6(E)	40	#4	14'-8"	—
e7(E)	2	#8	14'-8"	—
f(E)	160	#4	10'-1"	—
w(E)	160	#5	21'-9"	—
Concrete Superstructure			Cu. Yd.	15.4
Concrete Structures			Cu. Yd.	31.3
Reinforcement Bars, Epoxy Coated			Pound	10,940
Precast Bridge Approach Slab			Sq. Ft.	2,275
Concrete Wearing Surface, 5"			Sq. Yd.	262
Preformed Joint Strip Seal			Foot	84

BA-P-R

12-12-12

(Beams: 36" min. width; 72" max. width)

(Sheet 4 of 4)



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FILE NAME = 0849951-016-ApprSlabDet.dwg  
PLOT SCALE = 0:2.0000 1" / in.  
PLOT DATE = 3/12/2018

DESIGNED - RN  
CHECKED - MJT  
DRAWN - MDS  
CHECKED - RP

REVISED -  
REVISED -  
REVISED -  
REVISED -

**VILLAGE OF WILLIAMSVILLE SOUTH OLD RTE 66 OVERPASS**

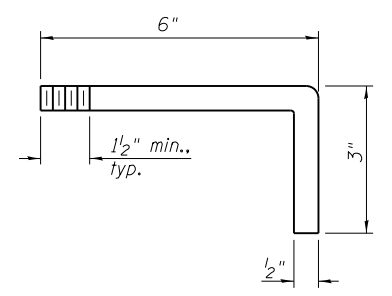
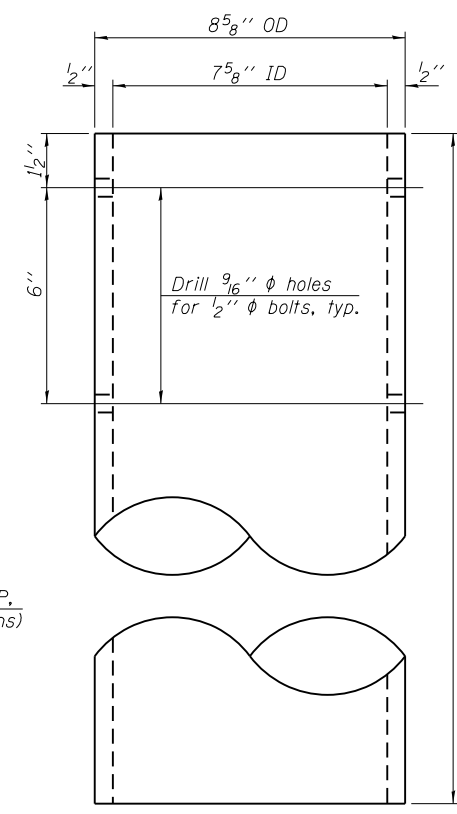
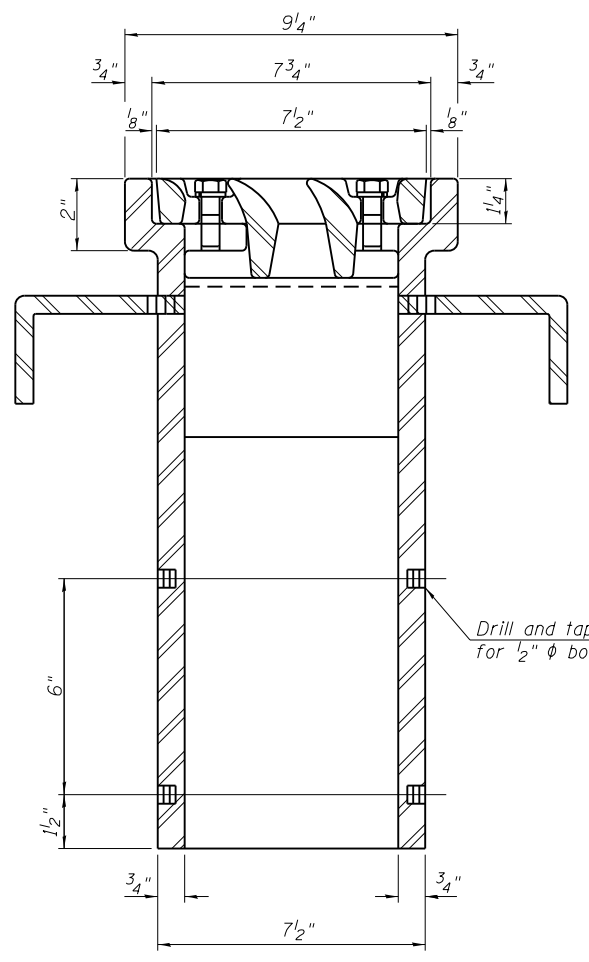
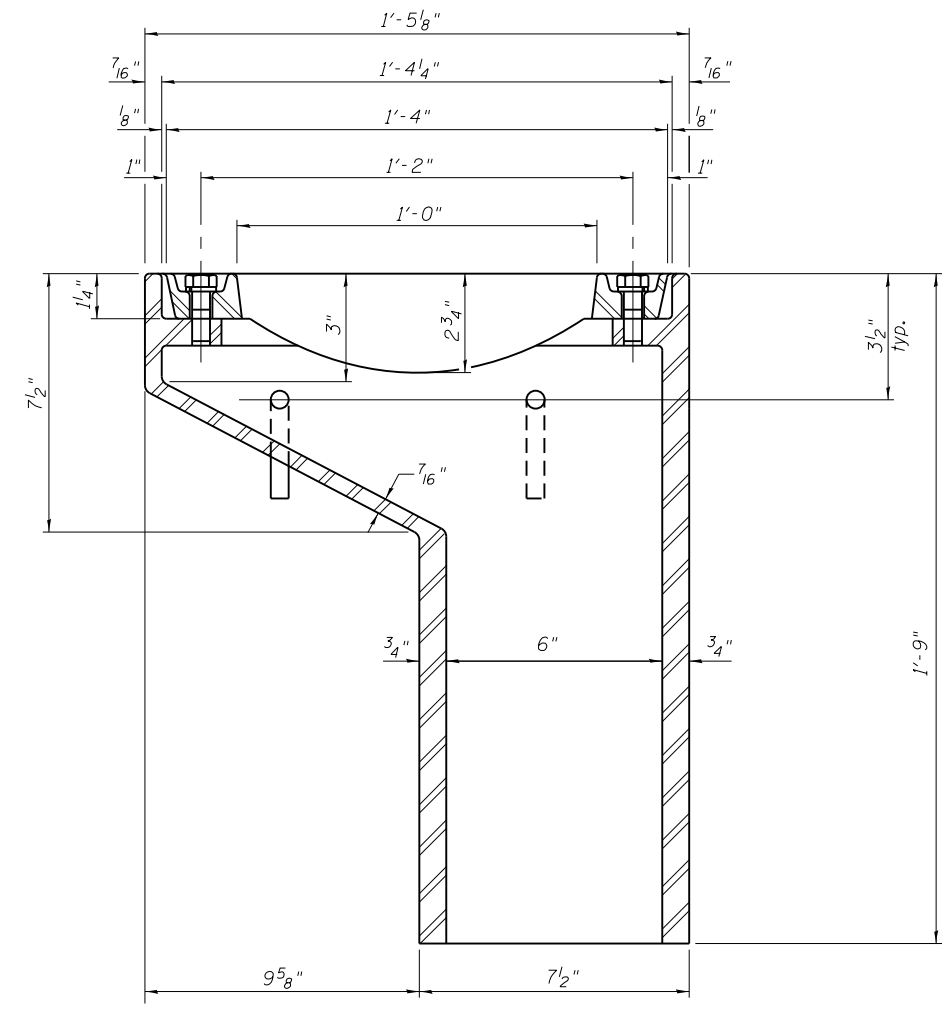
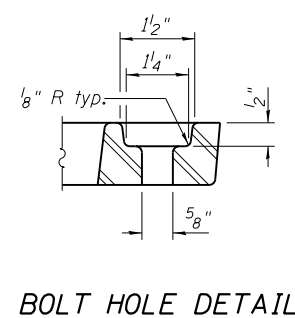
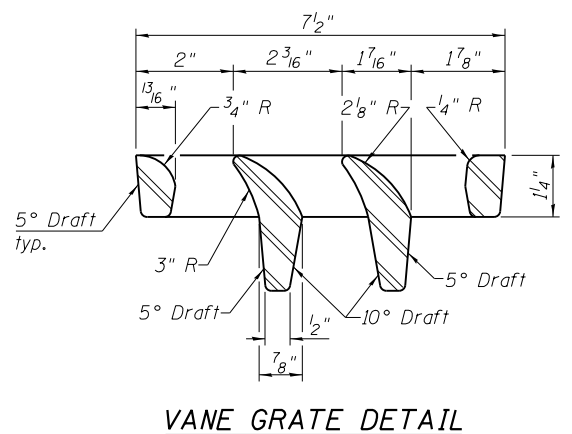
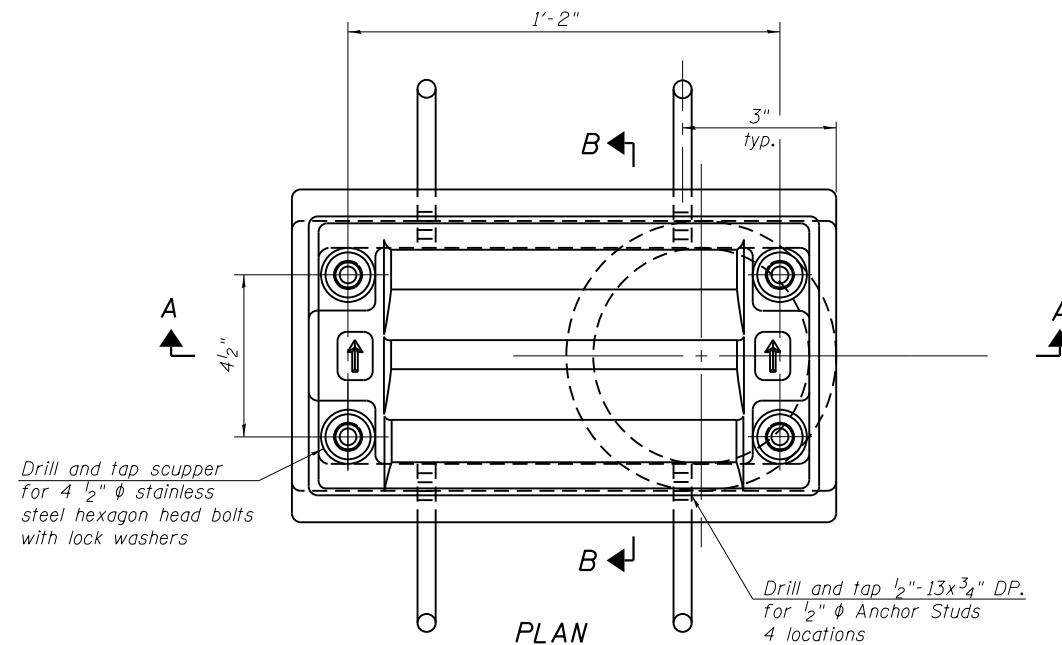
**APPROACH SLAB DETAILS STRUCTURE NO. 084-9951**

SHEET NO. 16 OF 32 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	56
				CONTRACT NO. 93679

ILLINOIS FED. AID PROJECT

FILE NAME = J:\13801.02 Williamsville - RR Overpass\CADD\CADD Drawings\Structure\0849951-016-ApprSlabDet.dwg  
MODEL = Default  
PLOT DRIVER = PDF-11x17.plt



**Notes:**  
 All cast iron parts shall be gray iron conforming to the requirements of AASHTO M 105, Class 35B.  
 Bolts, anchor studs, washers and nuts shall conform to the requirements of ASTM A 307 and shall be galvanized according to AASHTO M 232.  
 Downspouts located on the exterior side of a painted steel fascia beam shall be painted with the finish coat specified for the exterior side of the fascia beam.  
 As an alternate, bolts, anchor studs, washers and nuts may be stainless steel according to Article 1006.29(d) of the Standard Specifications.  
 Structural steel weldments of equal sections and of the same configuration may be substituted for the cast iron scupper frame. Fillet or full penetration welds shall be used for the weldments. Details shall be submitted to the Engineer for approval. Structural steel weldments shall not be substituted for the cast iron scupper grate. Structural steel frames and downspouts shall be galvanized according to AASHTO M111.  
 The Contractor shall take appropriate measures to assure that Protective Coat is not applied to the scupper.  
 Cost of the Grate, Frame, Downspout, Anchor Studs, Bolts, Washers and Nuts including complete installation of the scupper shall be paid for at the contract unit price each for Drainage Scupper, DS-11.  
 Alternate fiberglass downspout conforming to ASTM D 2996 with a short-time rupture strength hoop tensile stress of 30,000 psi min. may be used in lieu of the cast iron or steel equivalent.

**SECTION A-A**  
 See sheet 10 & 11 of 30 for scupper location relative to parapet.

**SECTION B-B**

**BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Drainage Scupper, DS-11	Each	2

DS-11

7-1-10

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**KT**  
 KUHN & TRELLO  
 CONSULTING ENGINEERS  
 A Limited Liability Company  
 109 N. 7th Street, 3rd Floor  
 Springfield, IL 62702  
 Phone: 217-678-0844

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**VILLAGE OF WILLIAMSVILLE  
 SOUTH OLD RTE 66 OVERPASS**

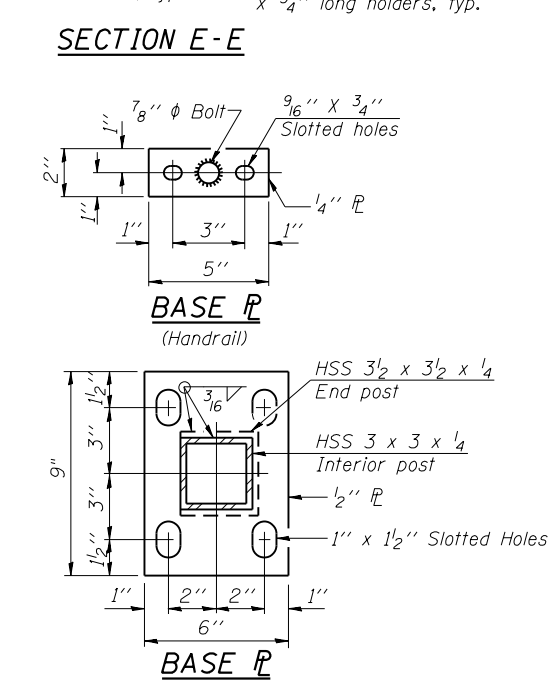
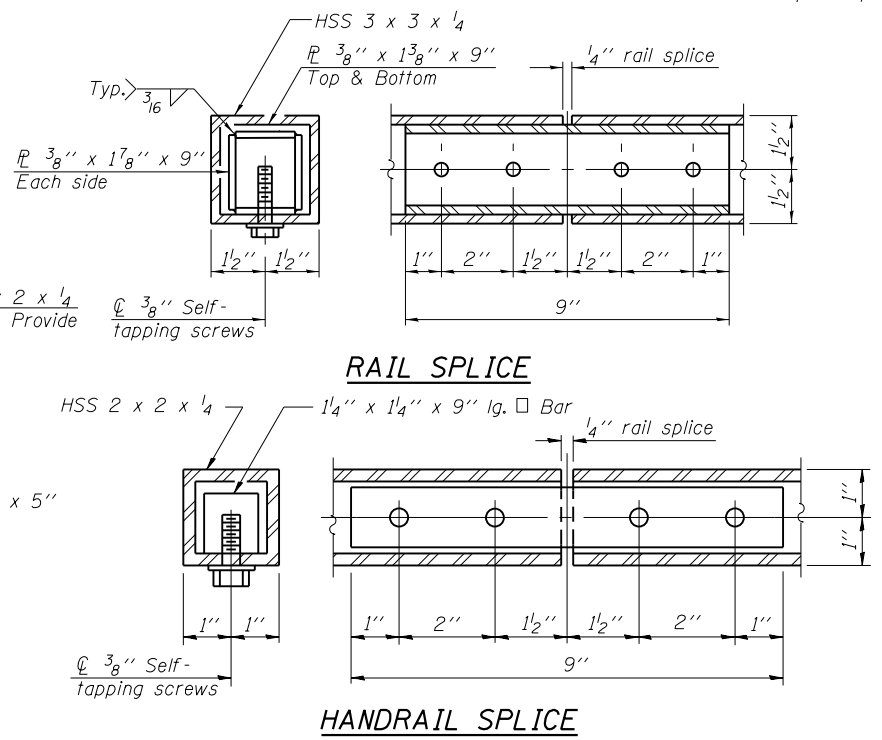
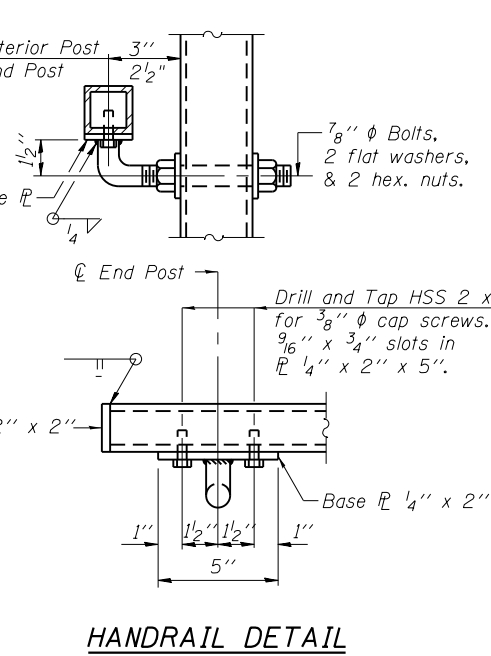
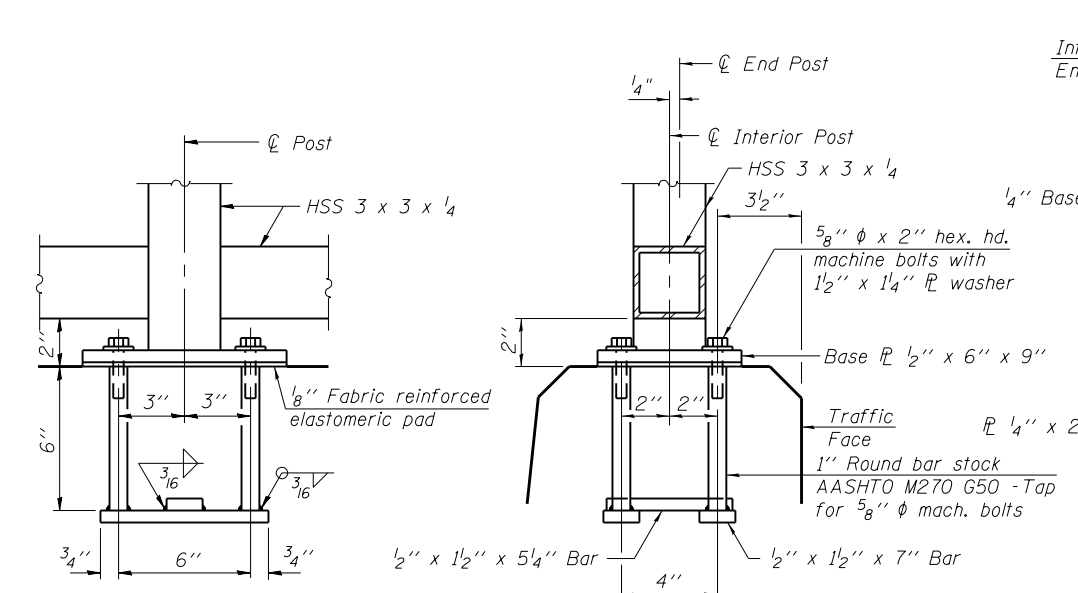
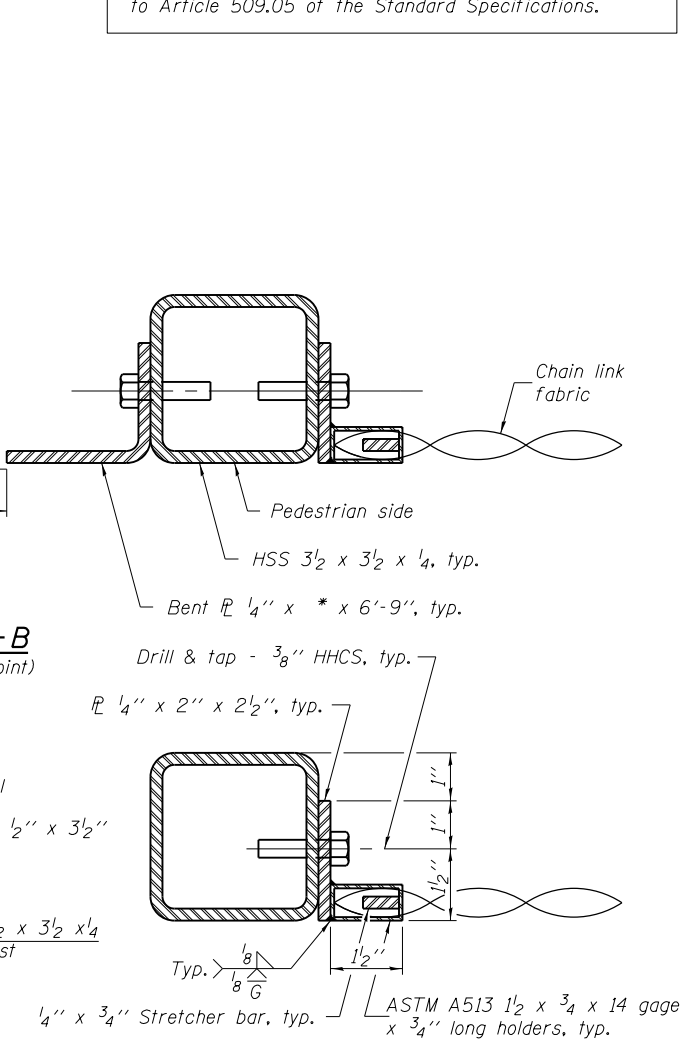
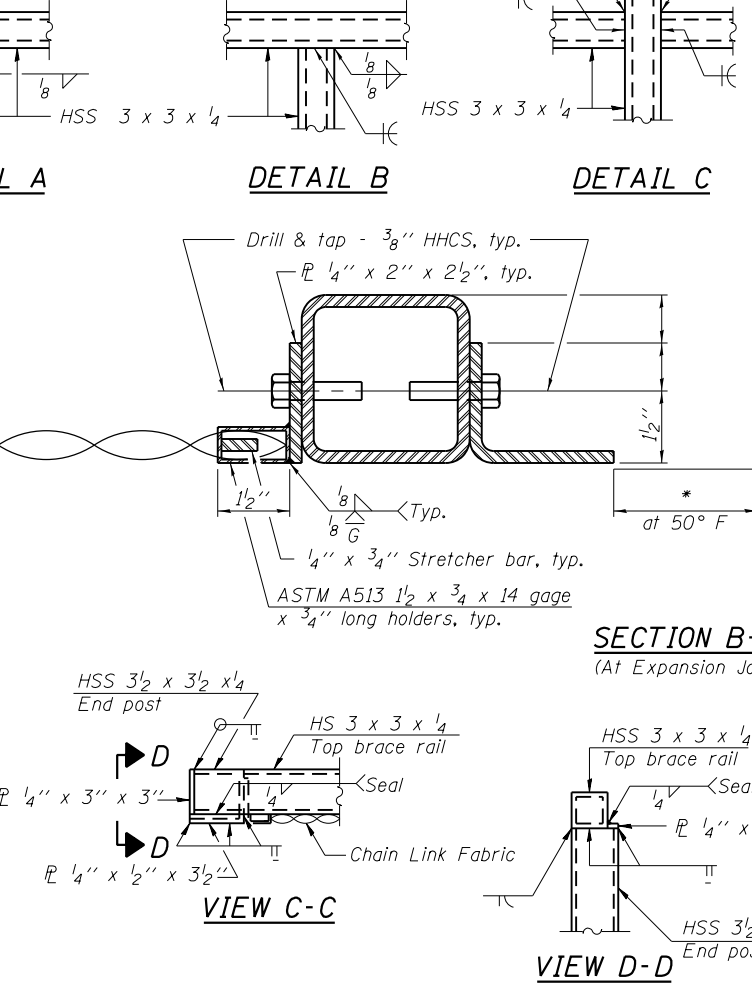
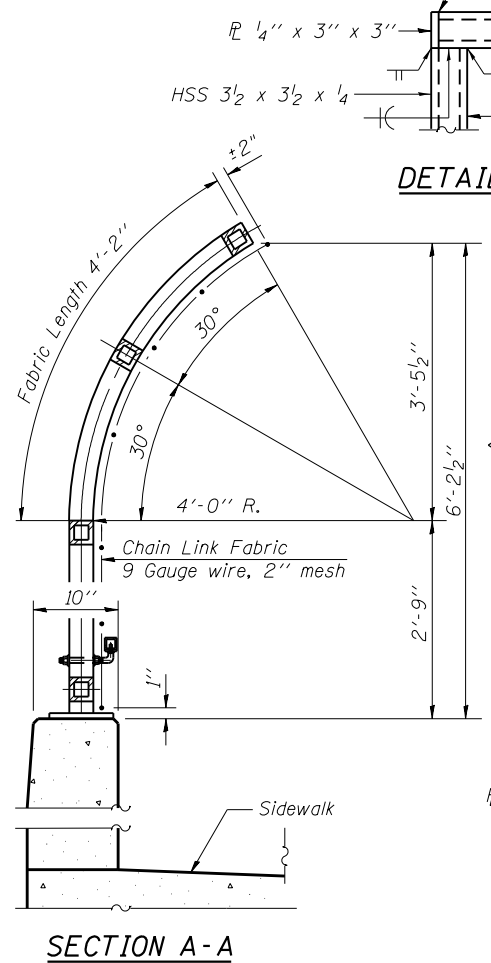
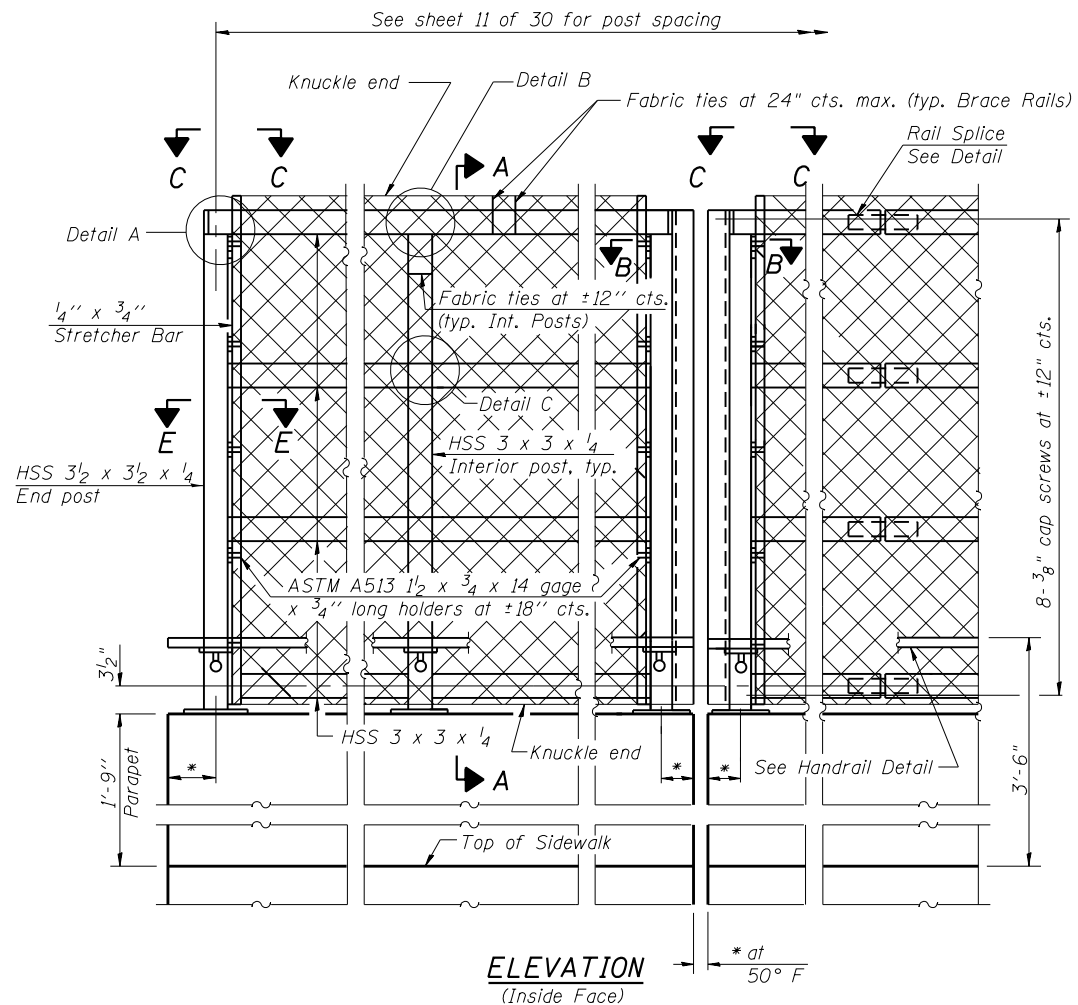
**DRAINAGE SCUPPER, DS-11  
 STRUCTURE NO. 084-9951**

SHEET NO. 17 OF 32 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	57
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				



All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.



**ANCHOR BOLT DETAILS**  
 In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.

**BILL OF MATERIAL**

Item	Unit	Quantity
Bridge Fence Railing	Foot	120

R-32

1-12-15  
 \*Variable - See sheet 11 of 30  
 (10'-0" Maximum Post Spacing)

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 Professional Design Firm No. 284-006516

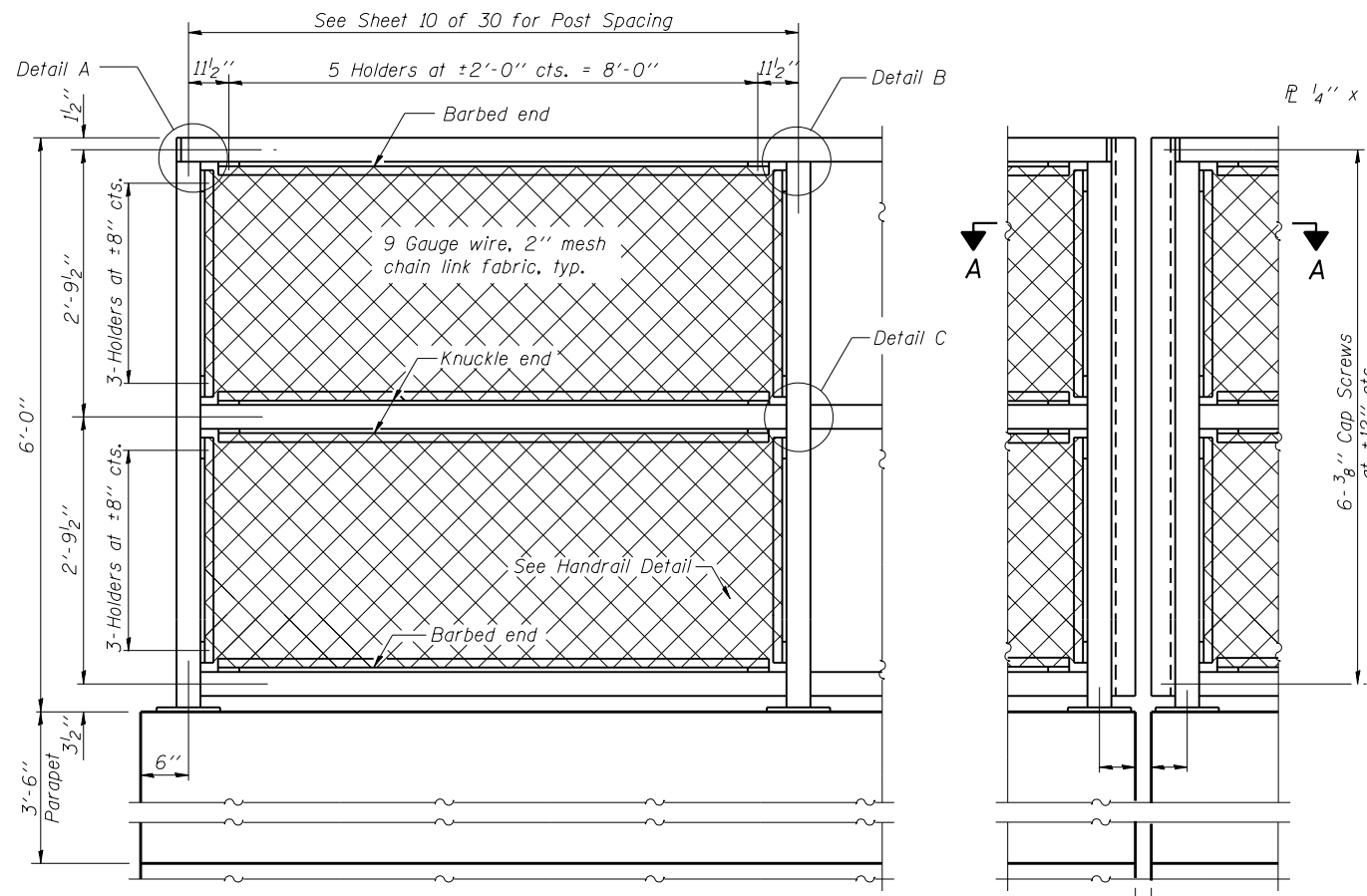
KUHN & TRELLO CONSULTING ENGINEERS A Limited Liability Company 109 N. 7th Street, 3rd Floor Springfield, IL 62702 Phone: 217-678-0244	USER NAME = msutheard	DESIGNED - RN	REVISED - 1/26/16 UPRR REVIEW
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**VILLAGE OF WILLIAMSVILLE  
 SOUTH OLD RTE 66 OVERPASS**

**BRIDGE FENCE RAILING, PARAPET MOUNTED  
 STRUCTURE NO. 084-9951**  
 SHEET NO. 19 OF 32 SHEETS

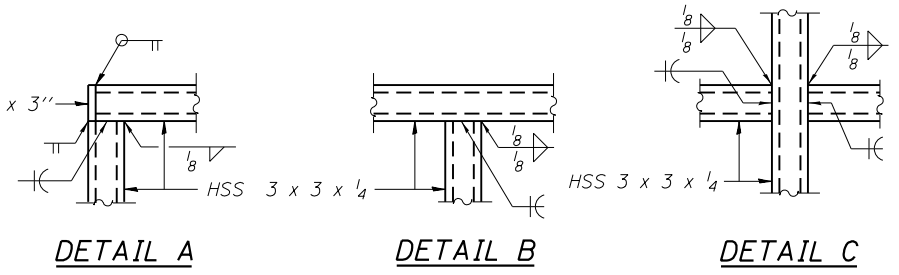
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	59
			CONTRACT NO. 93679	
ILLINOIS FED. AID PROJECT				

All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.

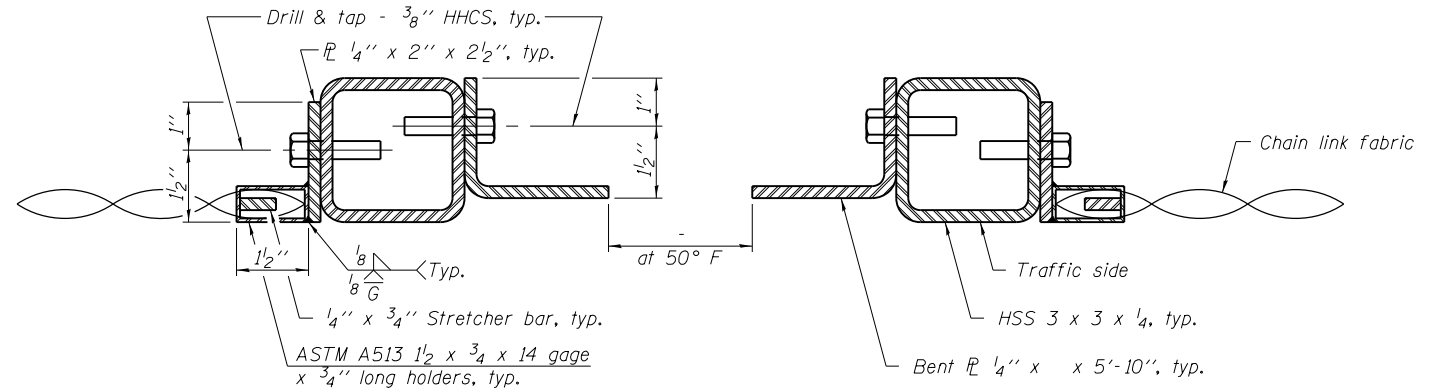


**ELEVATION**  
(Inside Face)

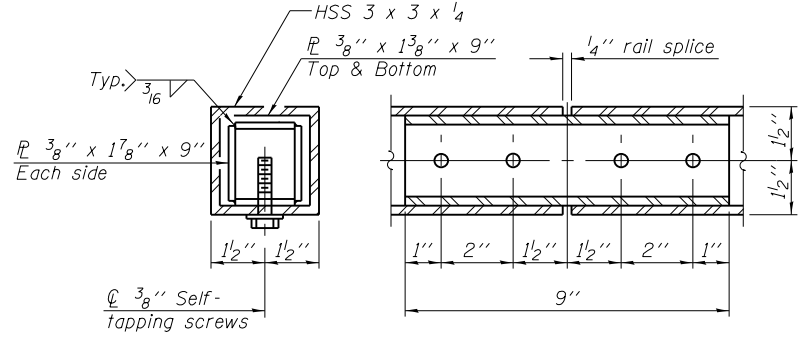
**ELEVATION**  
(At Expansion Joint)



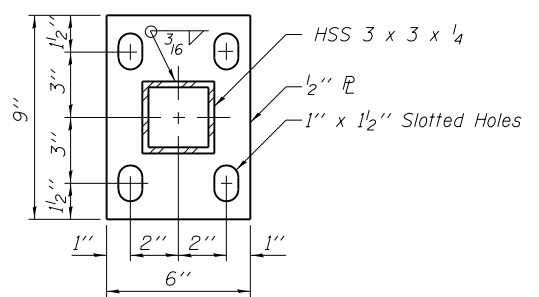
**DETAIL A**      **DETAIL B**      **DETAIL C**



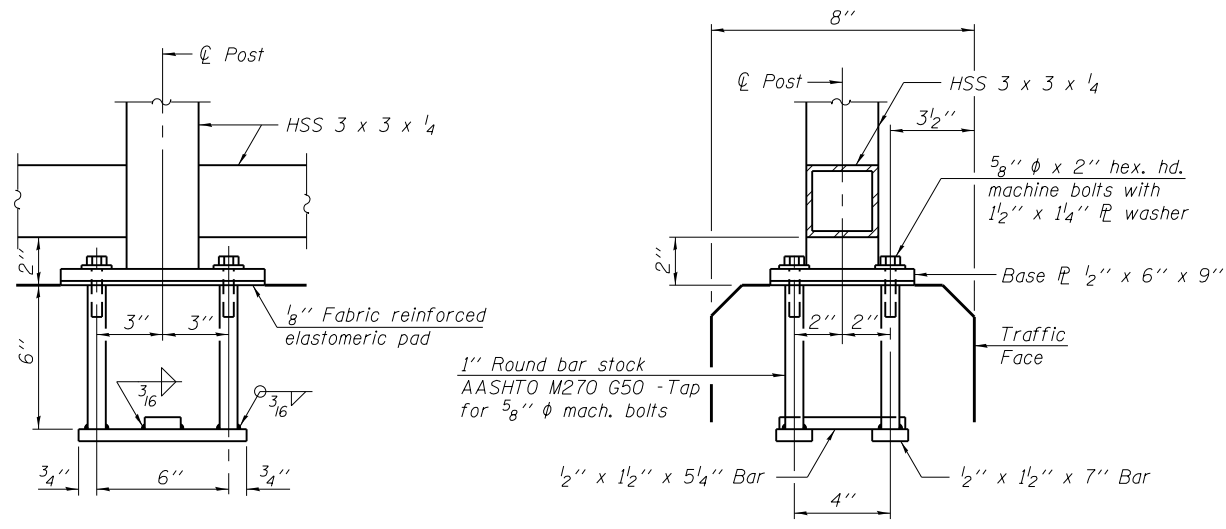
**SECTION A-A**



**RAIL SPLICE**



**BASE PL**



**ANCHOR BOLT DETAILS**

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" φ anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.

**BILL OF MATERIAL**

Item	Unit	Quantity
Bridge Fence Railing	Foot	120

R-28

1-12-15

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**KT**  
 KUHN & TRELLO  
 CONSULTING ENGINEERS  
 A Limited Liability Company  
 109 N. 7th Street, 3rd Floor  
 Springfield, IL 62702  
 Phone: 217-678-0244  
 Professional Design Firm No. 284-006516

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**VILLAGE OF WILLIAMSVILLE  
 SOUTH OLD RTE 66 OVERPASS**

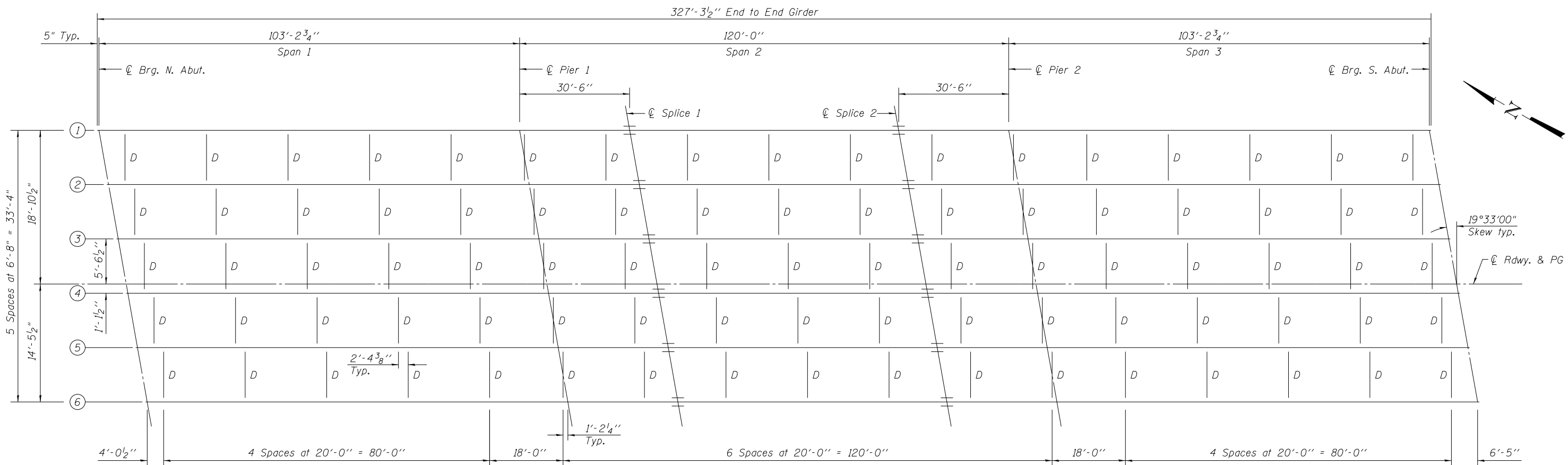
**BRIDGE FENCE RAILING, PARAPET MOUNTED  
 STRUCTURE NO. 084-9951**

SHEET NO. 20 OF 32 SHEETS

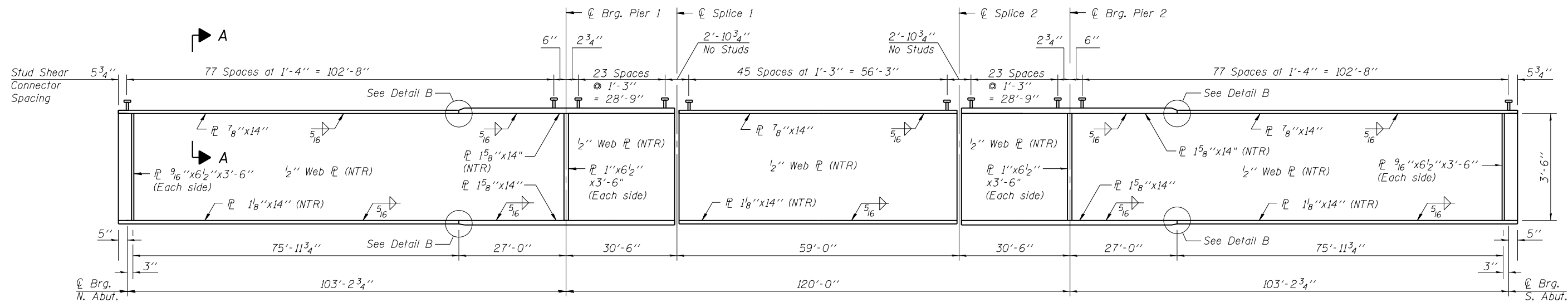
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	12-0008-00-BR	SANGAMON	118	60
CONTRACT NO. 93679				

ILLINOIS FED. AID PROJECT



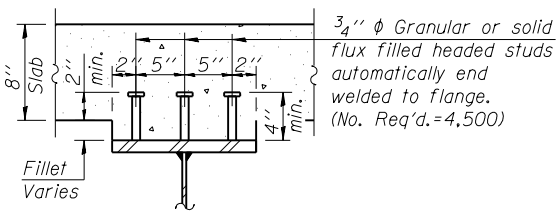


**FRAMING PLAN**

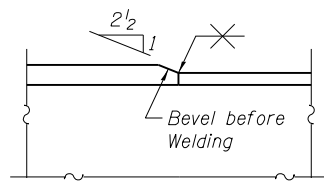


**GIRDER ELEVATION**

"NTR" denotes plates to which notch toughness requirements are applicable.



**SECTION A-A**



**DETAIL B**

Notes:  
 Load carrying components designated "NTR" shall conform to the Impact Testing Requirement, Zone 2.  
 All girders and splices, including bearing stiffeners, shall be AASHTO M270 Grade 50W.  
 For additional structural steel details see Sheet 22 of 30.

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CHECKED - MJT	REVISION -
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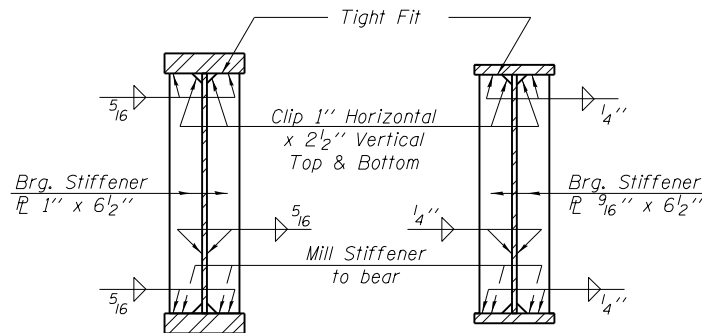
**VILLAGE OF WILLIAMSVILLE  
 SOUTH OLD RTE 66 OVERPASS**

**FRAMING PLAN  
 STRUCTURE NO. 084-9951**

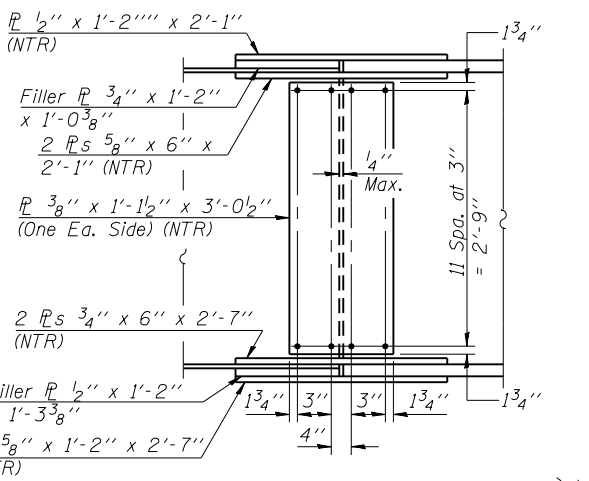
SHEET NO. 21 OF 32 SHEETS

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CONTRACT NO. 93679				

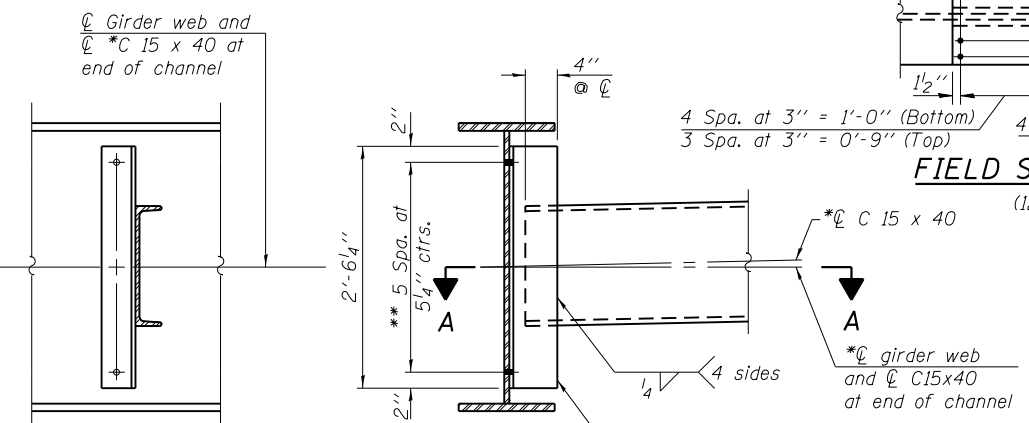
ILLINOIS FED. AID PROJECT



**SECTION AT PIER**  
**SECTION AT ABUTMENT**

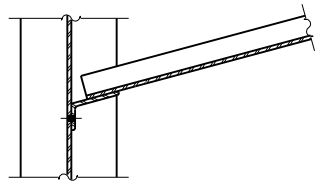


**FIELD SPLICE DETAIL**

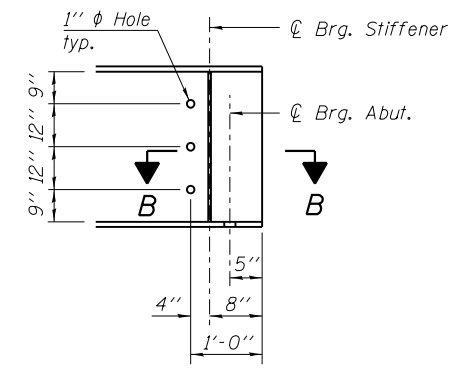


**INTERIOR DIAPHRAGM D**

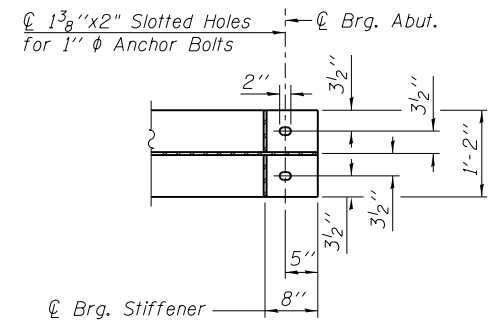
Note:  
Two hardened washers required for each set of oversized holes.  
\*Alternate channels C15x50 are permitted to facilitate material acquisition. Calculated weight of structural steel is based on the lighter section. The alternate, if utilized, shall be provided at no additional cost to the Department.  
\*\*3/4" φ HS bolts, 15/16" φ holes  
All diaphragms shall be installed as steel is erected and secured with erection pins and bolts. Individual diaphragms at supports may be temporarily disconnected to install bearing anchor rods.



**SECTION A-A**



**TYP. END OF GIRDER ELEVATION**



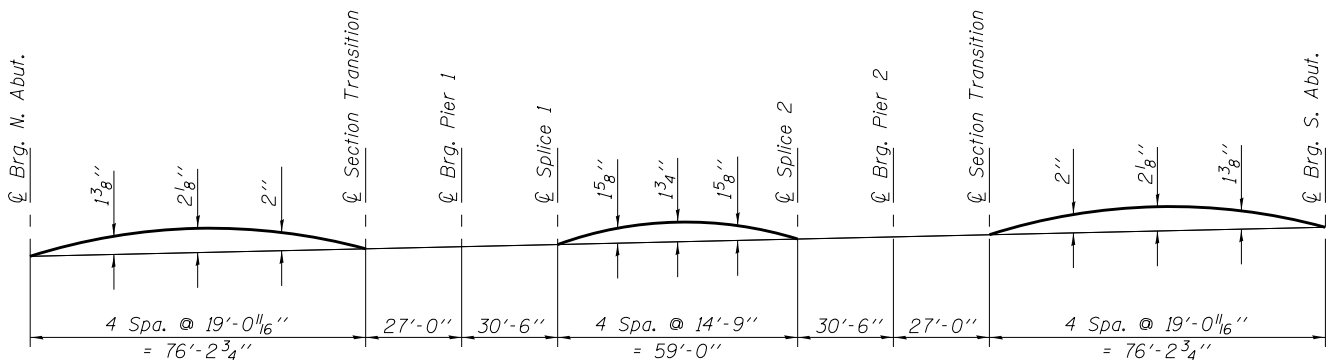
**SECTION B-B**

INTERIOR GIRDER MOMENT TABLE				
		0.4 Sp. 1 or 0.6 Sp. 3	Pier 1 or Pier 2	0.5 Span 2
$I_s$	(in <sup>4</sup> )	15921	24745	15921
$I_c(n)$	(in <sup>4</sup> )	38158	-	38158
$I_c(3n)$	(in <sup>4</sup> )	28086	-	28086
$I_c(cr)$	(in <sup>4</sup> )	-	28942	-
$S_s$	(in <sup>3</sup> )	775	1094	775
$S_c(n)$	(in <sup>3</sup> )	1037	-	1037
$S_c(3n)$	(in <sup>3</sup> )	952	-	952
$S_c(cr)$	(in <sup>3</sup> )	-	1158	-
DC1	(k/')	0.882	0.954	0.882
M <sub>DC1</sub>	(k)	643	-1239	382
DC2	(k/')	0.222	0.222	0.222
M <sub>DC2</sub>	(k)	162	-305	94
DW	(k/')	0.334	0.334	0.334
M <sub>DW</sub>	(k)	243	-459	142
$M_L + 1M$	(k)	1257	-1545	1171
$M_u$ (Strength I)	(k)	3571	-5324	2857
$\phi_r M_n$	(k)	4927	-5393	4927
$f_s$ DC1	(ksi)	9.9	-13.6	5.9
$f_s$ DC2	(ksi)	2.0	-3.2	1.2
$f_s$ DW	(ksi)	3.1	-4.8	1.8
$f_s$ (4+1M)	(ksi)	14.5	-16.0	13.5
$f_s$ (Service II)	(ksi)	34.0	-42.4	26.5
0.95R <sub>n</sub> F <sub>yf</sub>	(ksi)	47.5	-47.5	47.5
$f_s$ (Total)(Strength I)	(ksi)	-	-	-
$\phi_r F_n$	(ksi)	-	-	-
V <sub>r</sub>	(k)	18.3	31.5	19.4

INTERIOR GIRDER REACTION TABLE		
	Abut.	Pier
LLDF	0.720	0.720
R <sub>DC1</sub>	(k) 33.8	114.3
R <sub>DC2</sub>	(k) 8.5	27.7
R <sub>DW</sub>	(k) 12.8	41.7
R <sub>L + 1M</sub>	(k) 88.0	158.6
R <sub>Total</sub>	(k) 143.1	342.3

	*TOP OF WEB ELEVATIONS					
	Girder #1	Girder #2	Girder #3	Girder #4	Girder #5	Girder #6
⊕ Brg. N. Abut.	624.47	624.62	624.77	624.88	624.75	624.62
⊕ Brg. Pier 1	624.94	625.09	625.24	625.35	625.22	625.09
Splice 1	625.08	625.23	625.38	625.49	625.36	625.23
Splice 2	625.37	625.52	625.67	625.78	625.65	625.52
⊕ Brg. Pier 2	625.54	625.69	625.84	625.95	625.82	625.69
⊕ Brg. S. Abut.	626.10	626.25	626.40	626.51	626.38	626.25

\*For Fabrication Only



**CAMBER DIAGRAM**

$I_s, S_s$ : Non-composite moment of inertia and section modulus of the steel section used for computing  $f_s$  (Total-Strength I, and Service II) due to non-composite dead loads (in.<sup>4</sup> and in.<sup>3</sup>).

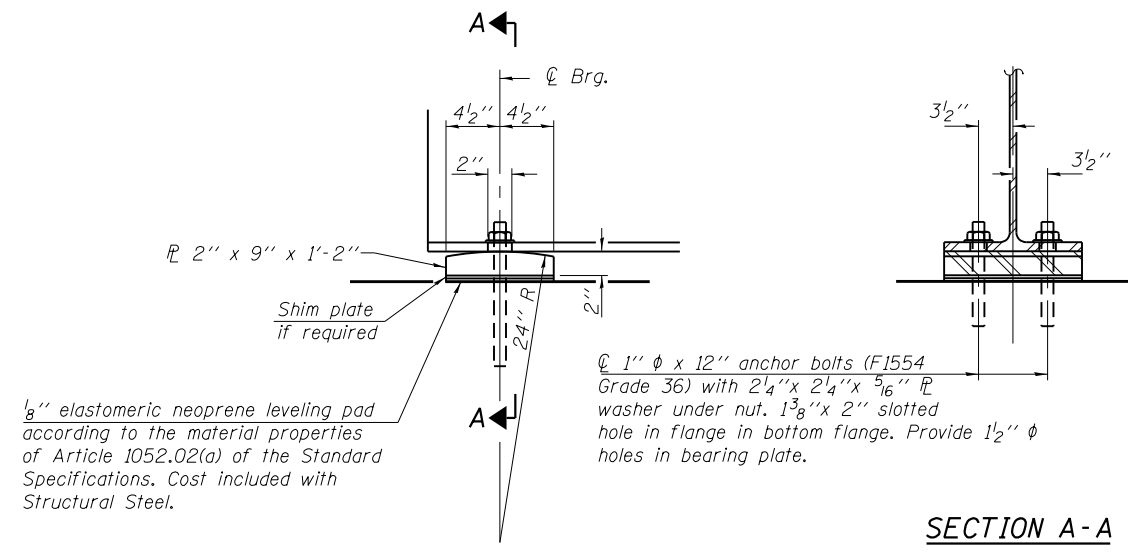
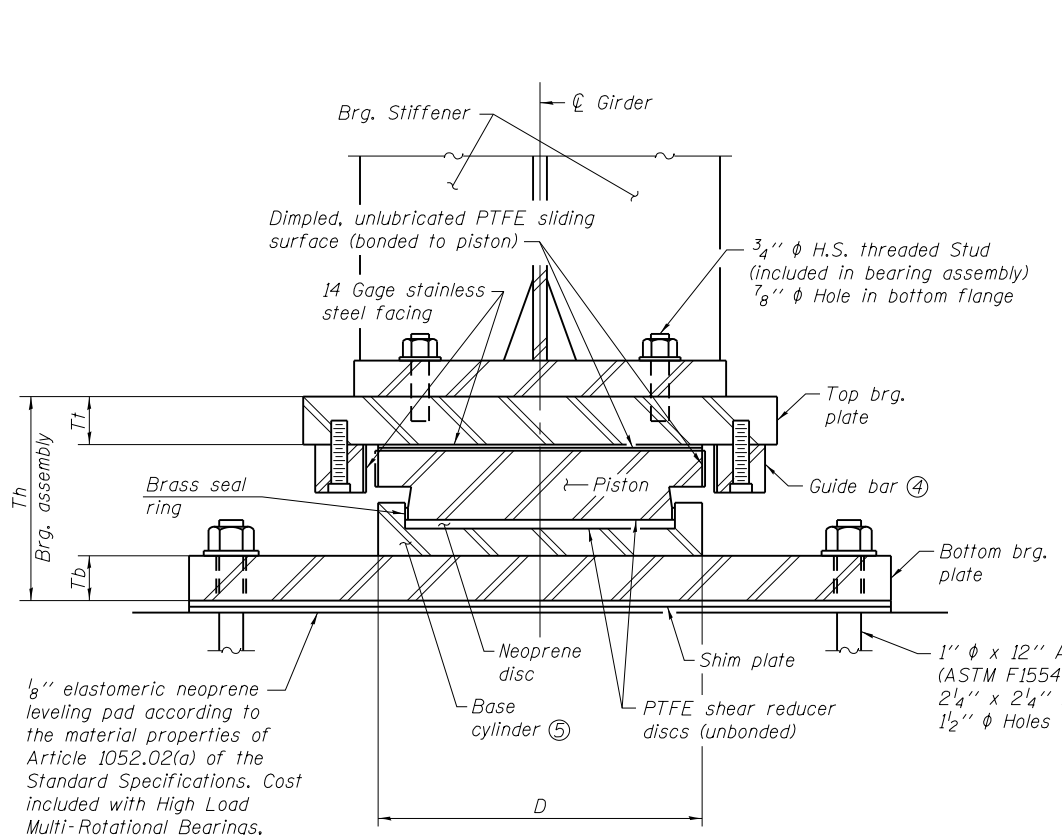
$I_c(n), S_c(n)$ : Composite moment of inertia and section modulus of the steel and deck based upon the modular ratio, "n", used for computing  $f_s$  (Total-Strength I, and Service II) in uncracked sections due to short-term composite live loads (in.<sup>4</sup> and in.<sup>3</sup>).

$I_c(3n), S_c(3n)$ : Composite moment of inertia and section modulus of the steel and deck based upon 3 times the modular ratio, "3n", used for computing  $f_s$  (Total-Strength I, and Service II) in uncracked sections, due to long-term composite (superimposed) dead loads (in.<sup>4</sup> and in.<sup>3</sup>).

$I_c(cr), S_c(cr)$ : Composite moment of inertia and section modulus of the steel and longitudinal deck reinforcement, used for computing  $f_s$  (Total-Strength I and Service II) in cracked sections, due to both short-term composite live loads and long-term composite (superimposed) dead loads (in.<sup>4</sup> and in.<sup>3</sup>).

DC1: Un-factored non-composite dead load (kips/ft.).  
M<sub>DC1</sub>: Un-factored moment due to non-composite dead load (kip-ft.).  
DC2: Un-factored long-term composite (superimposed excluding future wearing surface) dead load (kips/ft.).  
M<sub>DC2</sub>: Un-factored moment due to long-term composite (superimposed excluding future wearing surface) dead load (kip-ft.).  
DW: Un-factored long-term composite (superimposed future wearing surface only) dead load (kips/ft.).  
M<sub>DW</sub>: Un-factored moment due to long-term composite (superimposed future wearing surface only) dead load (kip-ft.).  
 $M_L + 1M$ : Un-factored live load moment plus dynamic load allowance (impact) (kip-ft.).  
 $M_u$  (Strength I): Factored design moment (kip-ft.).  
1.25 (M<sub>DC1</sub> + M<sub>DC2</sub>) + 1.5 M<sub>DW</sub> + 1.75  $M_L + 1M$   
 $\phi_r M_n$ : Compact composite positive moment capacity computed according to Article 6.10.7.1 or non-slender negative moment capacity according to Article A6.1.1 or A6.1.2 (kip-ft.).  
 $f_s$  DC1: Un-factored stress at edge of flange for controlling steel flange due to vertical non-composite dead loads as calculated below (ksi).  
M<sub>DC1</sub> /  $S_{nc}$   
 $f_s$  DC2: Un-factored stress at edge of flange for controlling steel flange due to vertical composite dead loads as calculated below (ksi).  
M<sub>DC2</sub> /  $S_c(3n)$  or M<sub>DC2</sub> /  $S_c(cr)$  as applicable.  
 $f_s$  DW: Un-factored stress at edge of flange for controlling steel flange due to vertical composite future wearing surface loads as calculated below (ksi).  
M<sub>DW</sub> /  $S_c(3n)$  or M<sub>DW</sub> /  $S_c(cr)$  as applicable.  
 $f_s$  (4+1M): Un-factored stress at edge of flange for controlling steel flange due to vertical composite live load plus impact loads as calculated below (ksi).  
 $M_L + 1M$  /  $S_c(n)$  or M<sub>DW</sub> /  $S_c(cr)$  as applicable.  
 $f_s$  (Service II): Sum of stresses as computed below (ksi).  
 $f_{sDC1} + f_{sDC2} + f_{sDW} + 1.3 f_s (L + 1M)$   
0.95R<sub>n</sub>F<sub>yf</sub>: Composite stress capacity for Service II loading according to Article 6.10.4.2 (ksi).  
 $f_s$  (Total)(Strength I): Sum of stresses as computed below on non-compact section (ksi).  
1.25 ( $f_{sDC1} + f_{sDC2}$ ) + 1.5  $f_{sDW}$  + 1.75  $f_s (L + 1M)$   
 $\phi_r F_n$ : Non-Compact composite positive or negative stress capacity for Strength I loading according to Article 6.10.7 or 6.10.8 (ksi).  
V<sub>r</sub>: Maximum factored shear range in span computed according to Article 6.10.10.

FILE NAME = J:\13001.02 Williamsville - RR Overpass\CADD\Drawings\Structure\0849951-022-SteelDet.dgn  
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- Notes:
- Anchor bolts shall be ASTM F1554 all-thread or an Engineer approved alternate material of the grade and diameter specified. The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.
  - Anchor bolts may be either cast in place or installed in drilled holes.
  - Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.
  - As alternates to the bolted connection shown, the guide bars may be connected to the top bearing plate by groove welds or the guide bars and top bearing plate may be fabricated as a single piece.
  - Base cylinder welds may be omitted if cylinder is recessed into bottom bearing plate.
  - The structural steel plates of the Bearing Assembly shall conform to the requirements of AASHTO M270 Grade 50W.
  - Two 3/8 in. adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.

**FIXED BEARING**  
(12 required)

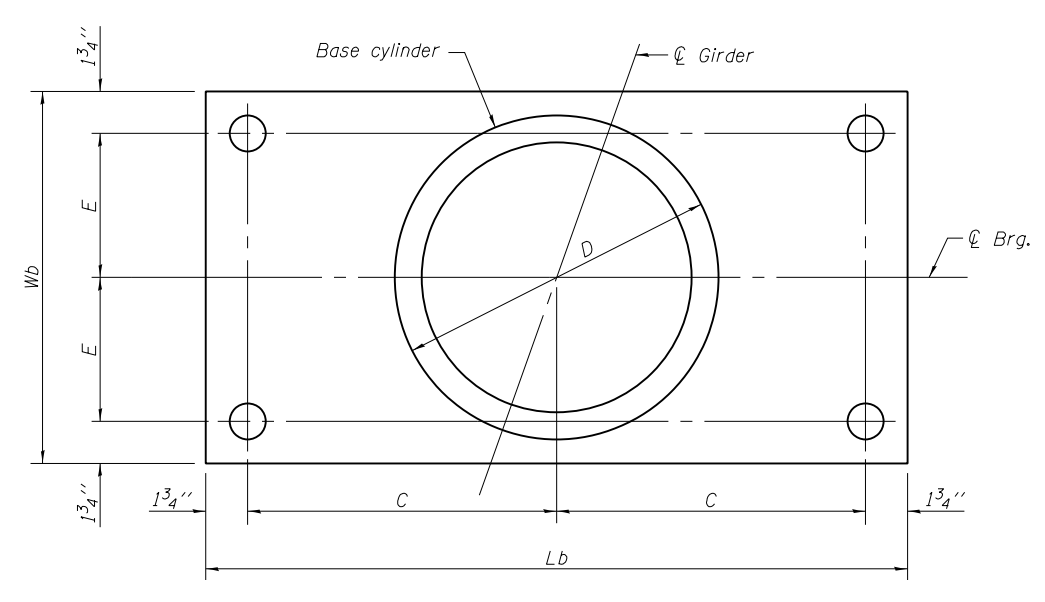
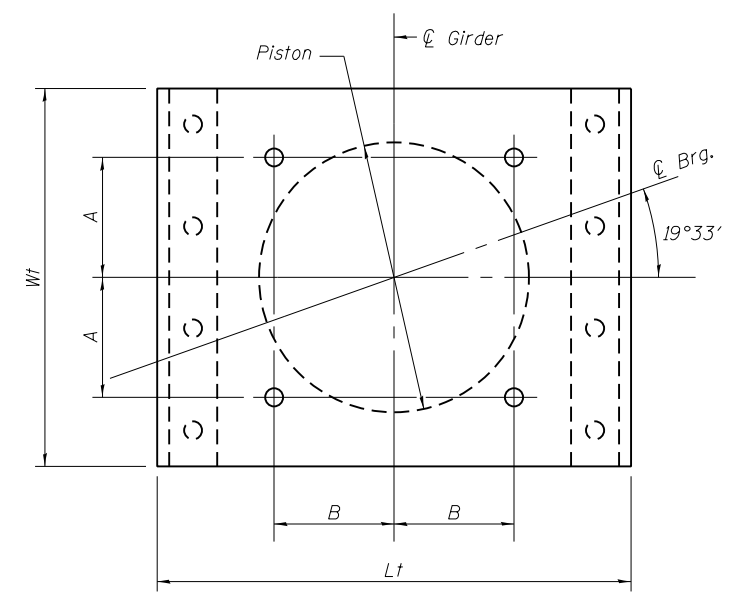
**DIMENSION TABLE**

	Pier 1 & 2
A	5"
B	5"
C	12 7/8"
D	13 1/2"
E	6"
Wt	15 3/4"
Lt	19 1/4"
Wb	15 1/2"
Lb	29 1/4"
Tt	2"
Tb	1 7/8"
Th	8 1/2"

Dimensions may vary depending on Manufacturer's design.

**DESIGN DATA**

	Pier 1 & 2
Service Vertical Design Load (kips)	317.0
Service Lateral Design Load (kips)	37.0
Service Design Rotation (rad)	0.02
Total Required Movement (inch)	3/4"

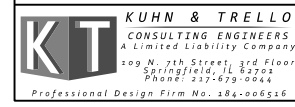


**GUIDED EXPANSION HLMR BEARING**  
(Pier 1 & 2)

**BILL OF MATERIAL**

Item	Unit	Total
High Load Multi-Rotational Bearings, Guided Expansion, 350K	Each	12
Anchor Bolts, 1"	Each	72

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PLOT DATE = 3/9/2018	CHECKED - RP	REVISED -

**VILLAGE OF WILLIAMSVILLE  
SOUTH OLD RTE 66 OVERPASS**

**BEARING DETAILS**  
STRUCTURE NO. 084-9951  
SHEET NO. 23 OF 32 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	63
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				





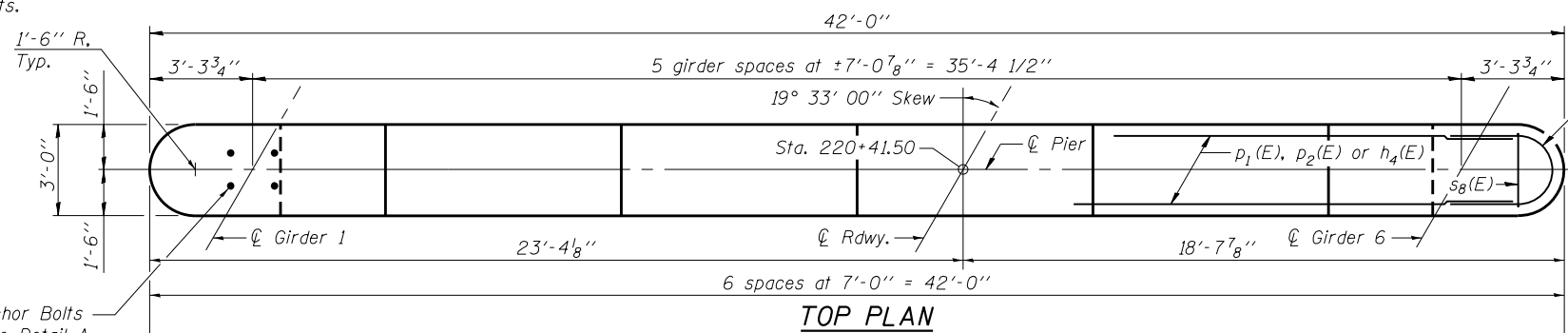


Notes:  
 Space reinforcement in cap to miss anchor bolts.  
 Pour steps monolithically with cap.  
 For details of piles, see sheet 28 of 30.

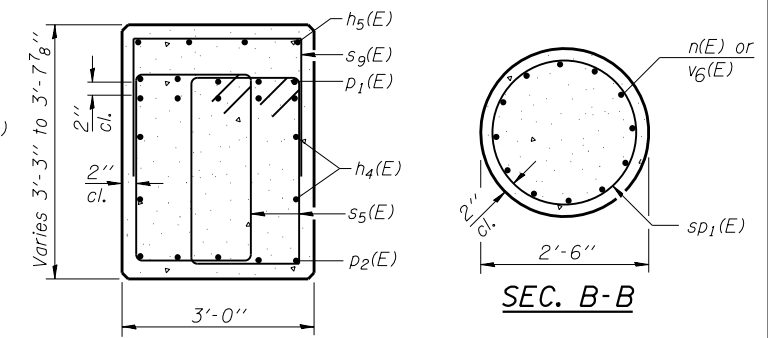
**PILE DATA**

Type: HP12x53 with Pile Shoes  
 Nominal Required Bearing: 234 Kips  
 Factored Resistance Available: 129 Kips  
 Est. Length: 50'  
 No. Production Piles: 20  
 No. Test Piles: 1

1"  $\phi$  Anchor Bolts  
 Typ. See Detail A  
 for Location.

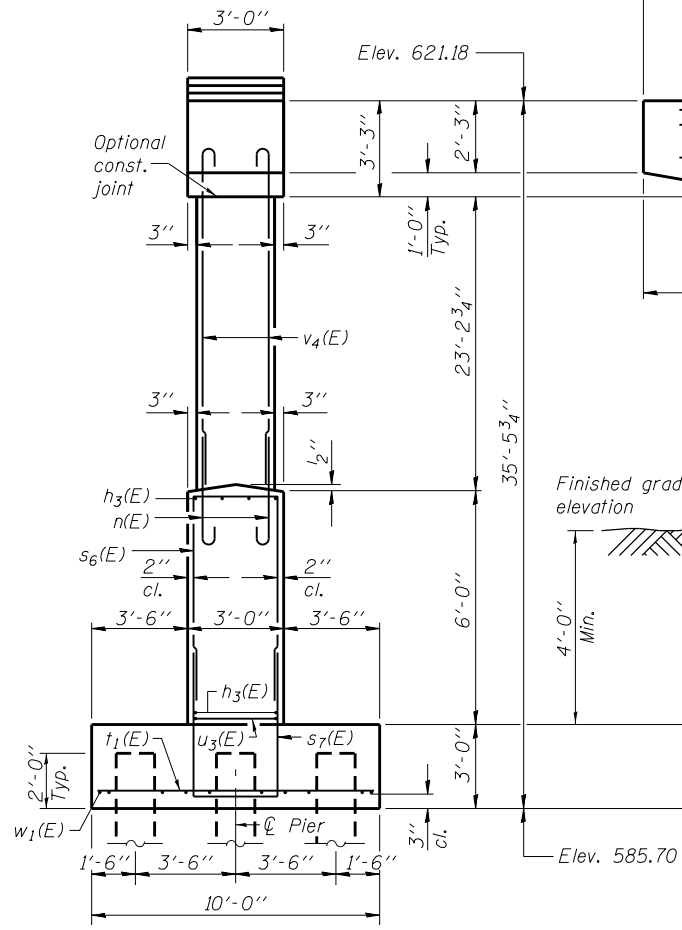


**TOP PLAN**

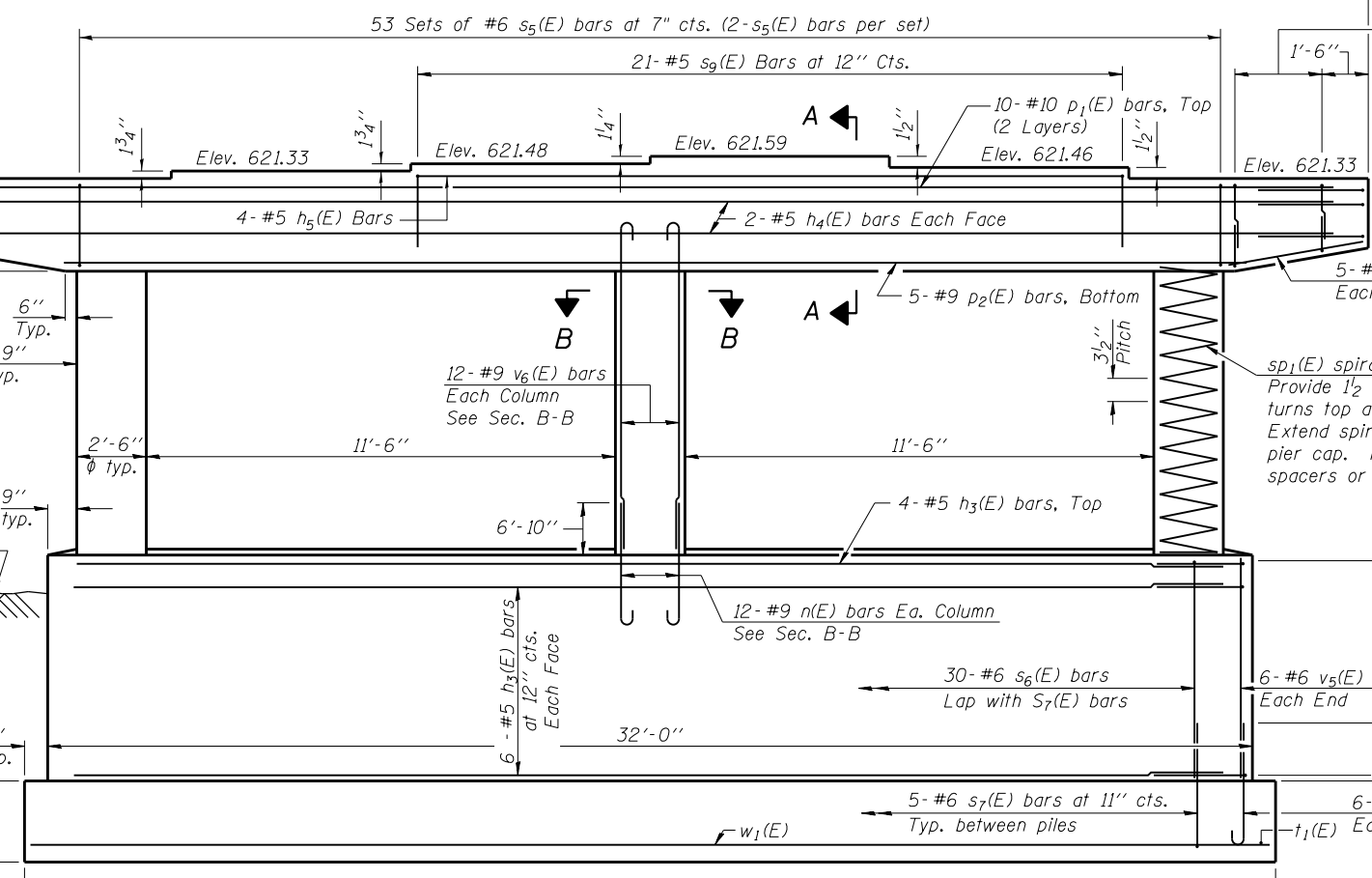


**SEC. A-A**

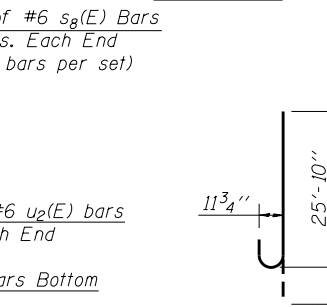
**SEC. B-B**



**END VIEW**



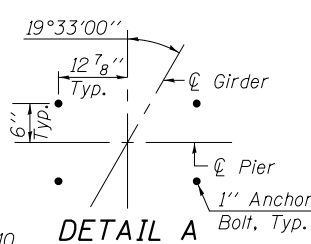
**ELEVATION**  
(Looking South)



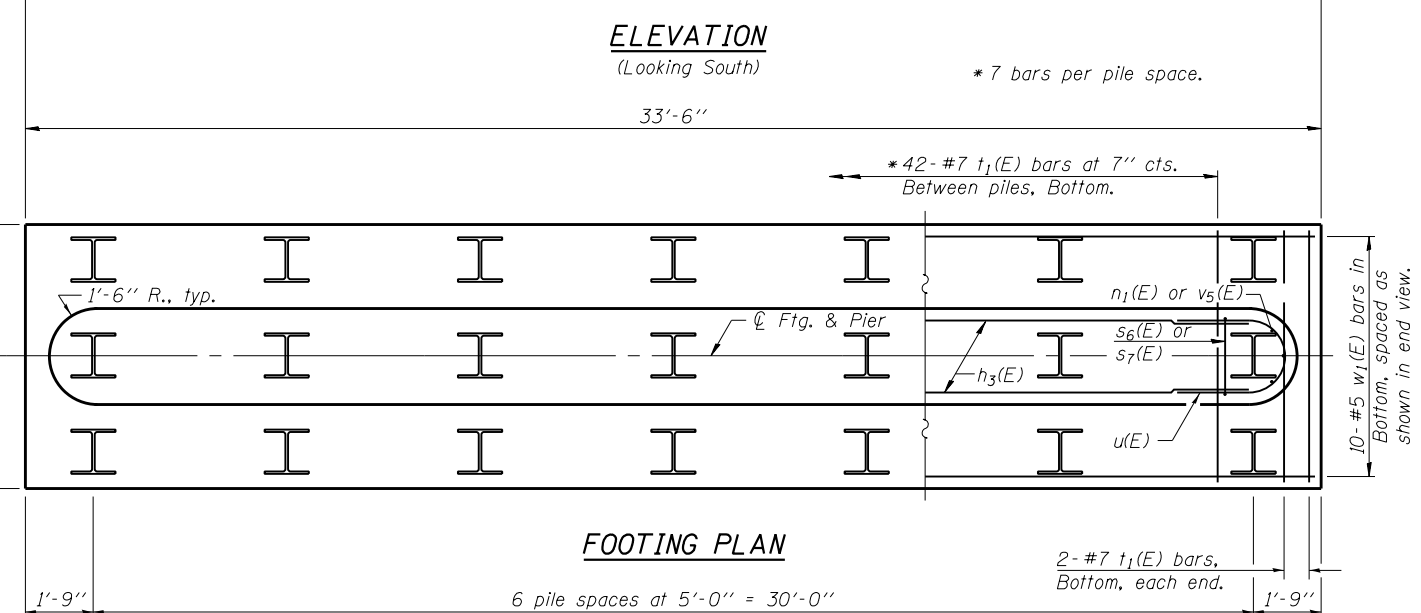
**A & B DIMENSIONS**

Bar	A	B
s6(E)	2'-8"	5'-8"
s7(E)	2'-8"	6'-11"
s8(E)	1'-10"	2'-2"
s9(E)	2'-8"	1'-8"

**BARS s6(E), s7(E), s8(E) & s9(E)**



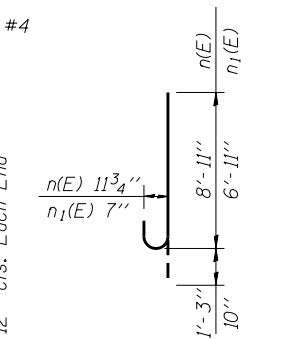
**DETAIL A**



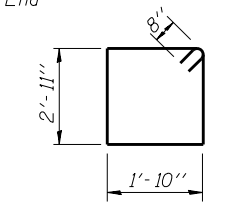
**FOOTING PLAN**



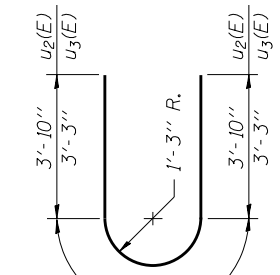
**BAR V6(E)**



**BARS n(E) & n1(E)**



**BAR s5(E)**



**BARS u2(E) & u3(E)**

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h3(E)	16	#5	29'-0"	—
h4(E)	4	#5	39'-0"	—
h5(E)	4	#5	20'-8"	—
n(E)	36	#9	10'-2"	U
n1(E)	12	#7	7'-9"	U
p1(E)	10	#10	39'-0"	—
p2(E)	5	#9	31'-2"	—
p3(E)	10	#9	10'-6"	—
s5(E)	106	#6	10'-10"	□
s6(E)	30	#6	8'-4"	□
s7(E)	30	#6	9'-7"	□
s8(E)	56	#6	4'-0"	□
s9(E)	21	#5	4'-4"	□
sp1(E)	3	#4	23'-6"	~
t1(E)	46	#7	9'-8"	—
u2(E)	8	#6	11'-8"	U
u3(E)	14	#5	10'-5"	U
v5(E)	12	#6	5'-8"	—
v6(E)	36	#9	27'-1"	—
w1(E)	10	#5	33'-2"	—

Structure Excavation	Cu. Yd.	80
Concrete Structures	Cu. Yd.	86.3
Reinforcement Bars, Epoxy Coated	Pound	13,780
Furnishing Steel Piles HP12x53	Foot	1,000
Driving Piles	Foot	1,000
Test Pile, Steel HP12x53	Each	1
Pile Shoes	Each	21

\*\* Length is height of spiral.

P-24

7-1-10



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 CHECKED - MJT  
 DRAWN - MDS  
 CHECKED - RP

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**VILLAGE OF WILLIAMSVILLE  
 SOUTH OLD RTE 66 OVERPASS**

**PIER 2  
 STRUCTURE NO. 084-9951**

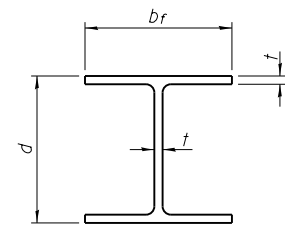
SHEET NO. 27 OF 32 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	67
				CONTRACT NO. 93679

ILLINOIS FED. AID PROJECT

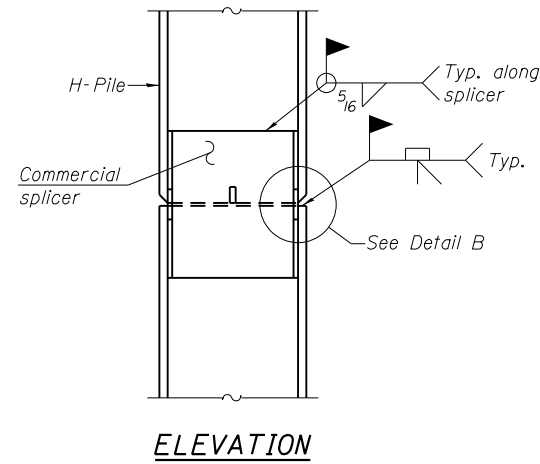
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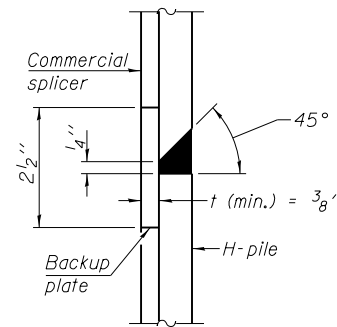


**STEEL PILE TABLE**

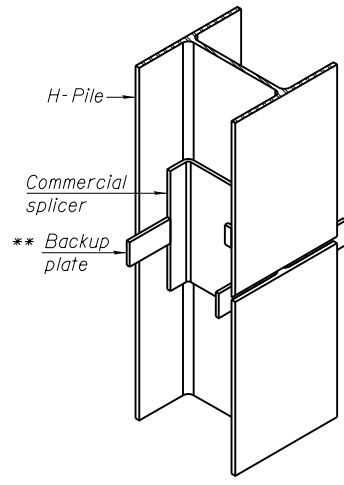
Designation	Depth d	Flange width br	Web and Flange thickness t	Encasement diameter A
HP 14x117	14 1/4"	14 7/8"	13/16"	30"
x102	14"	14 3/4"	1/16"	30"
x89	13 7/8"	14 3/4"	5/8"	30"
x73	13 5/8"	14 5/8"	1/2"	30"
HP 12x84	12 1/4"	12 1/4"	1/16"	24"
x74	12 1/8"	12 1/4"	5/8"	24"
x63	12"	12 1/8"	1/2"	24"
x53	11 3/4"	12"	7/16"	24"
HP 10x57	10"	10 1/4"	9/16"	24"
x42	9 3/4"	10 1/8"	7/16"	24"
HP 8x36	8"	8 1/8"	7/16"	18"



**ELEVATION**

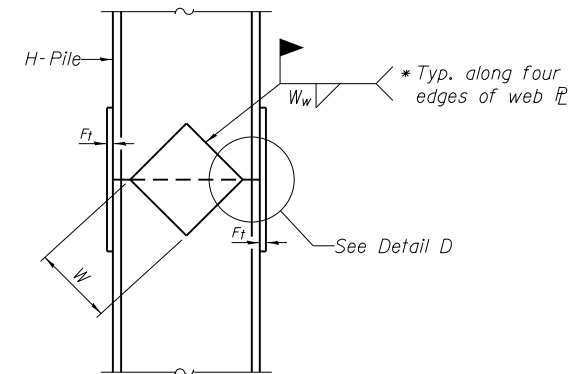


**DETAIL "B"**

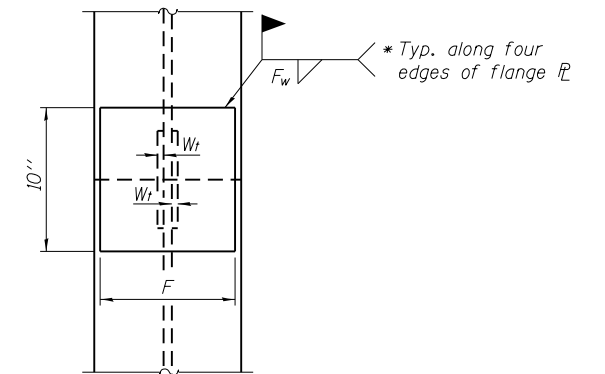


**ISOMETRIC VIEW**

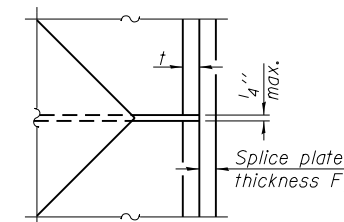
**WELDED COMMERCIAL SPLICE**



**ELEVATION**



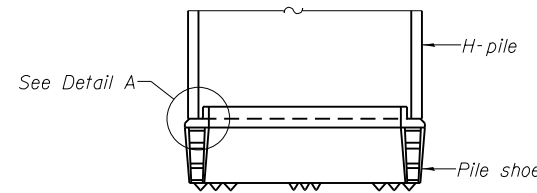
**END VIEW**



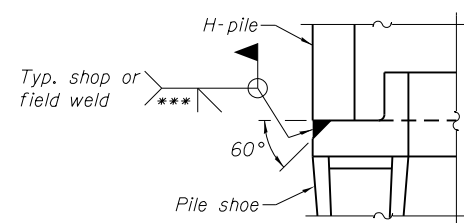
**DETAIL D**

**WELDED PLATE FIELD SPLICE**

Designation	F	F <sub>t</sub>	F <sub>w</sub>	W	W <sub>t</sub>	W <sub>w</sub>
HP 14x117	12 1/2"	1"	7/8"	7 3/4"	5/8"	1/2"
x102	12 1/2"	7/8"	3/4"	7 3/4"	5/8"	1/2"
x89	12 1/2"	3/4"	1/16"	7 3/4"	5/8"	1/2"
x73	12 1/2"	5/8"	9/16"	7 3/4"	5/8"	1/2"
HP 12x84	10"	7/8"	1/16"	6 1/2"	5/8"	1/2"
x74	10"	7/8"	1/16"	6 1/2"	5/8"	1/2"
x63	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
x53	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
HP 10x57	8"	3/4"	9/16"	5 1/4"	1/2"	3/8"
x42	8"	5/8"	9/16"	5 1/4"	1/2"	3/8"
HP 8x36	7"	5/8"	7/16"	4 1/4"	1/2"	3/8"

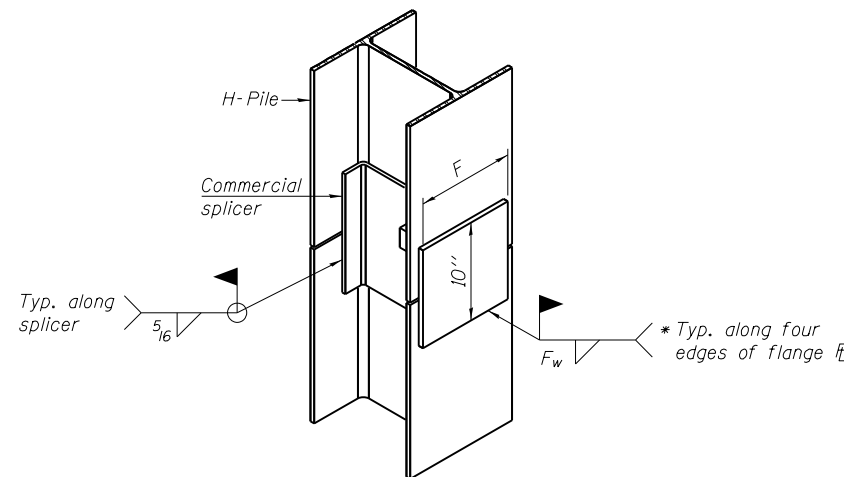


**ELEVATION**



**DETAIL A**

**H-PILE SHOE ATTACHMENT**



**ISOMETRIC VIEW**

**WELDED COMMERCIAL SPLICE ALTERNATE**

- \* Interrupt welds 1/4" from end of web and/or each flange.
- \*\* Remove portions of backup plates that extend outside the flanges.
- \*\*\* Weld size per pile shoe manufacturer (5/16" min.).

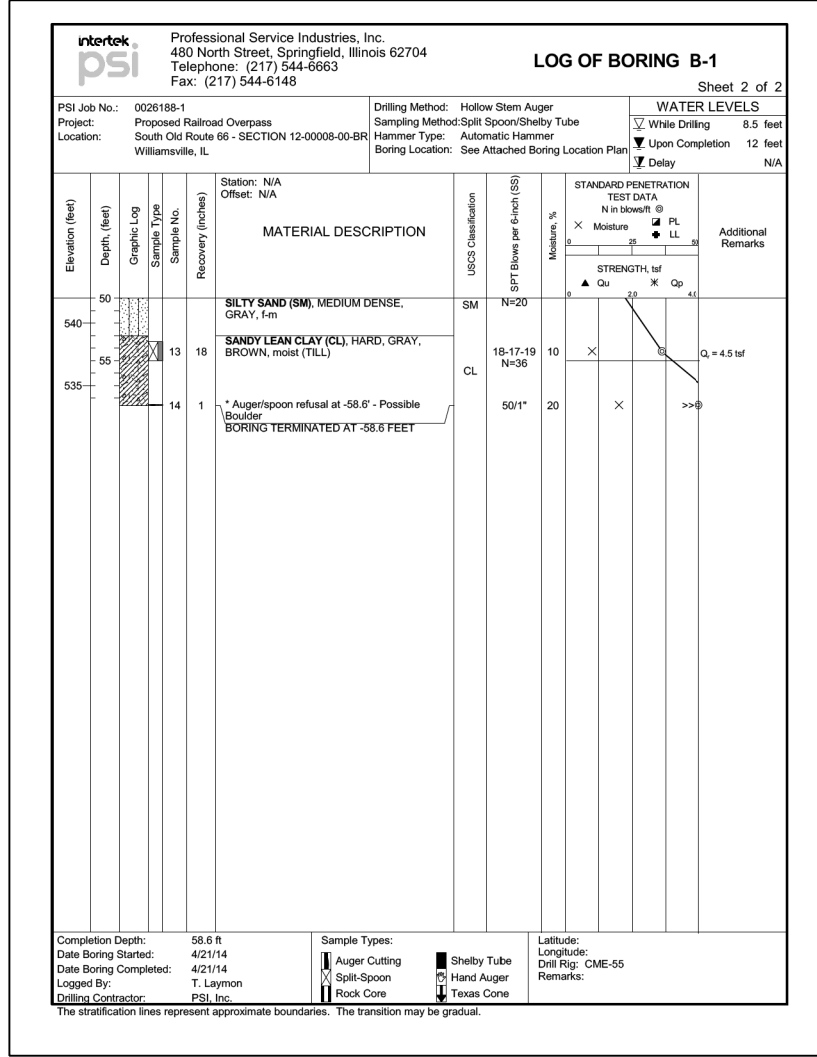
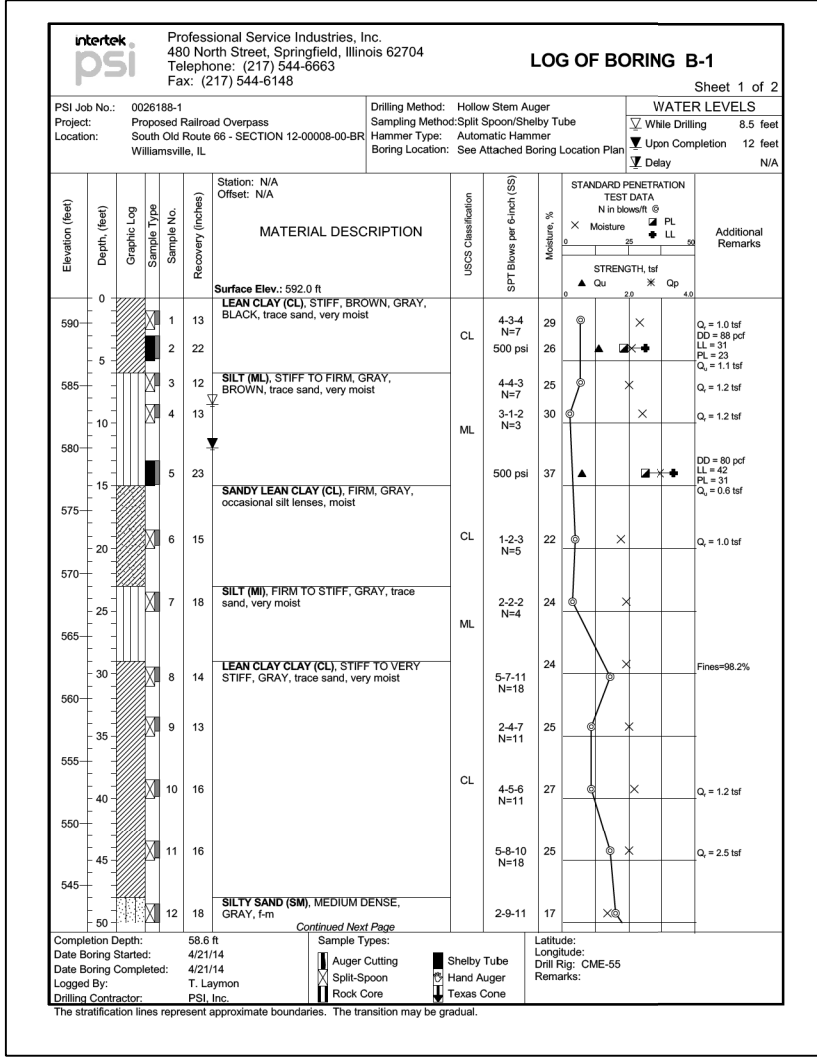
Note:  
The steel H-piles shall be according to AASHTO M270 Grade 50.

F-HP 1-27-12

<b>KUHN &amp; TRELLO</b> CONSULTING ENGINEERS A Limited Liability Company 109 N. 7th Street, 3rd Floor Springfield, IL 62702 Phone: 217-678-0244	USER NAME = msutheard FILE NAME = 0849951-028-PileDet.dgn PLOT SCALE = 0:2.0000 " / in. PLOT DATE = 3/9/2018	DESIGNED - RN CHECKED - MJT DRAWN - MDS CHECKED - RP	REVISED - REVISED - REVISED - REVISED -	<b>VILLAGE OF WILLIAMSVILLE          SOUTH OLD RTE 66 OVERPASS</b>	<b>HP PILE DETAILS          STRUCTURE NO. 084-9951</b>	F.A. RTÉ. SECTION COUNTY TOTAL SHEETS SHEET NO. 12-00008-00-BR SANGAMON 118 68
						SHEET NO. 28 OF 32 SHEETS

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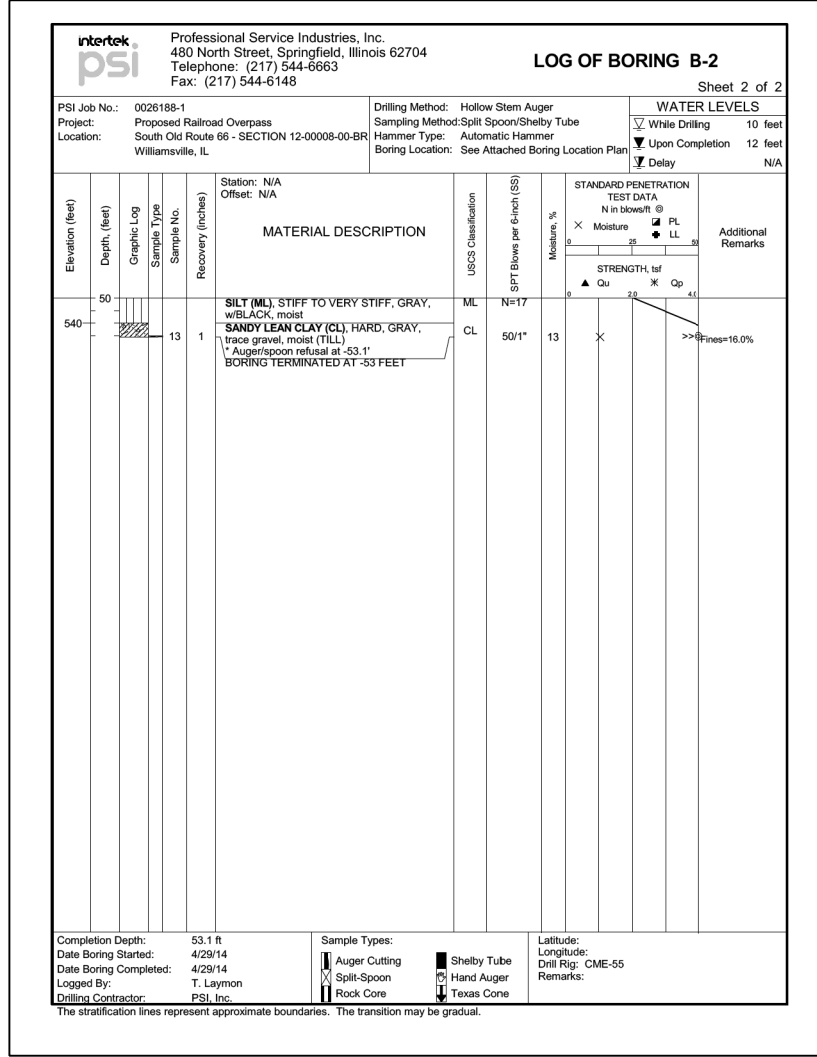
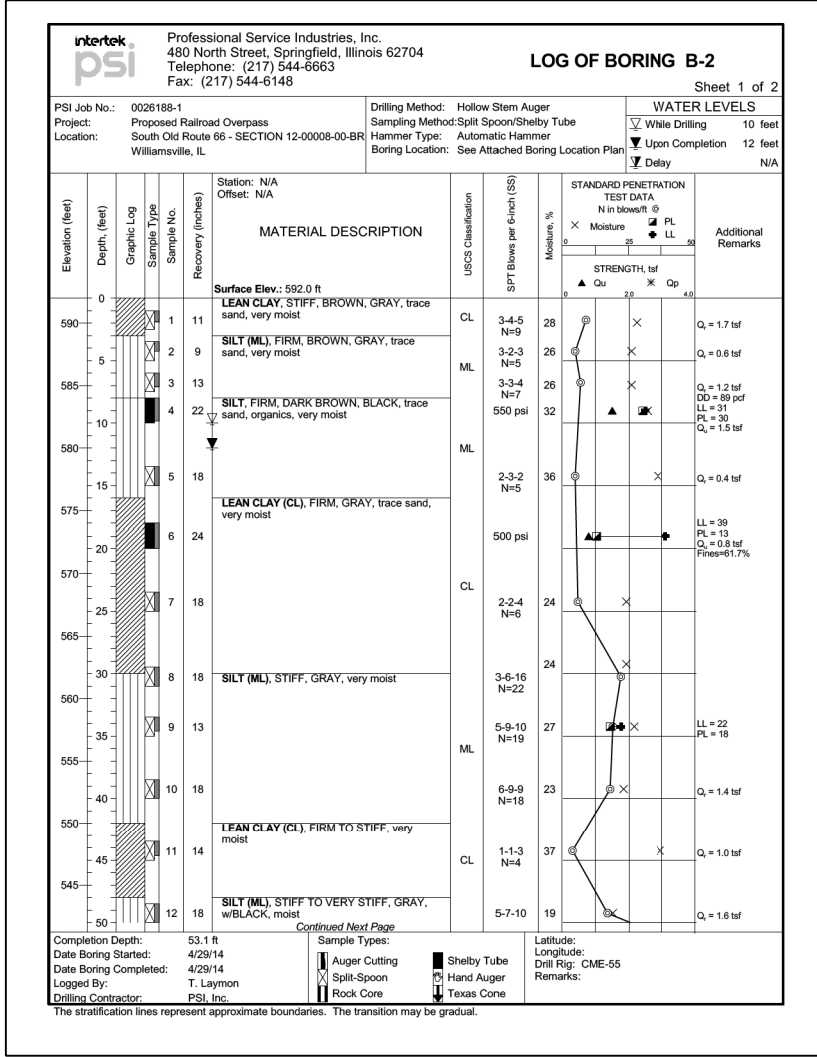
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VILLAGE OF WILLIAMSVILLE  
 SOUTH OLD RTE 66 OVERPASS

SOIL BORINGS  
 STRUCTURE NO. 084-9951

SHEET NO. 29 OF 32 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	69
			CONTRACT NO. 93679	
ILLINOIS FED. AID PROJECT				



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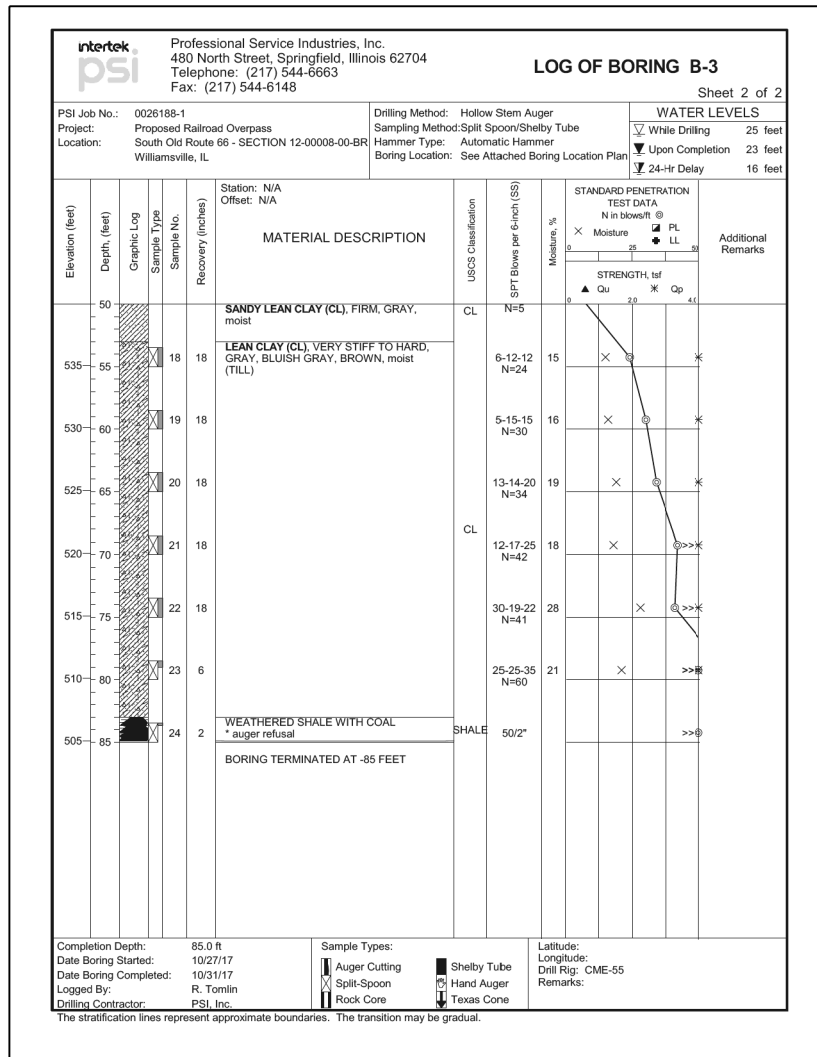
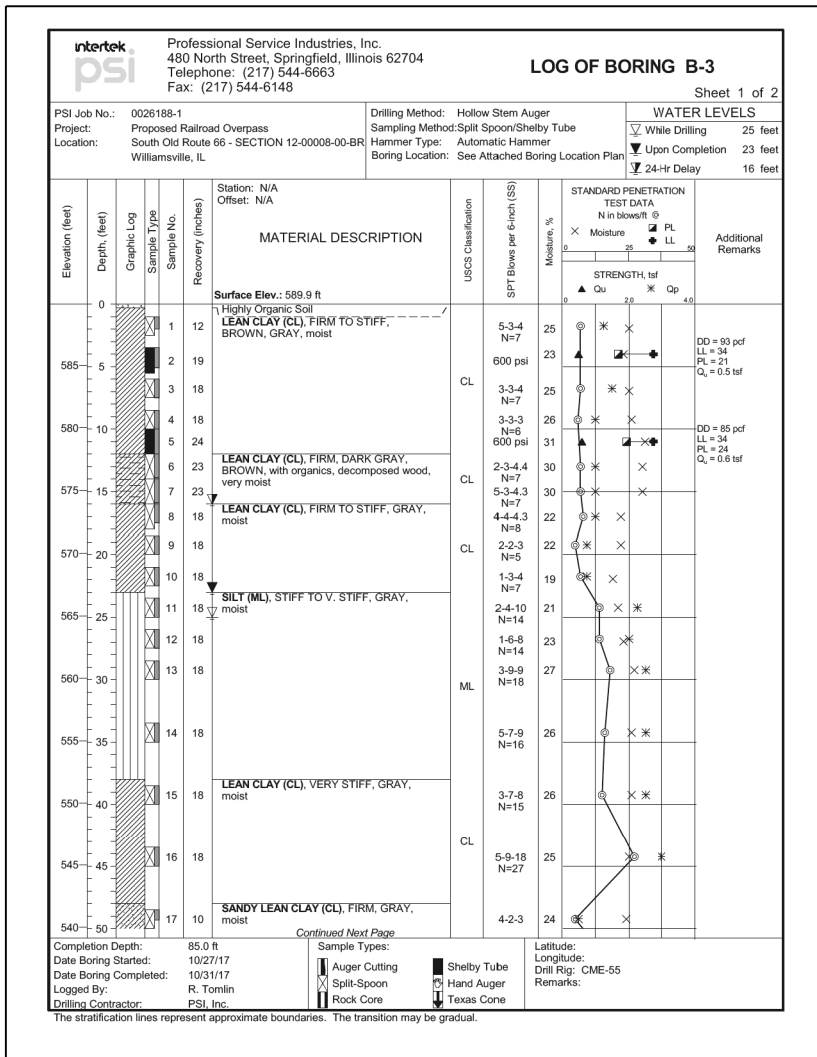
**VILLAGE OF WILLIAMSVILLE  
 SOUTH OLD RTE 66 OVERPASS**

**SOIL BORINGS  
 STRUCTURE NO. 084-9951**

SHEET NO. 30 OF 32 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 93679	
ILLINOIS FED. AID PROJECT				

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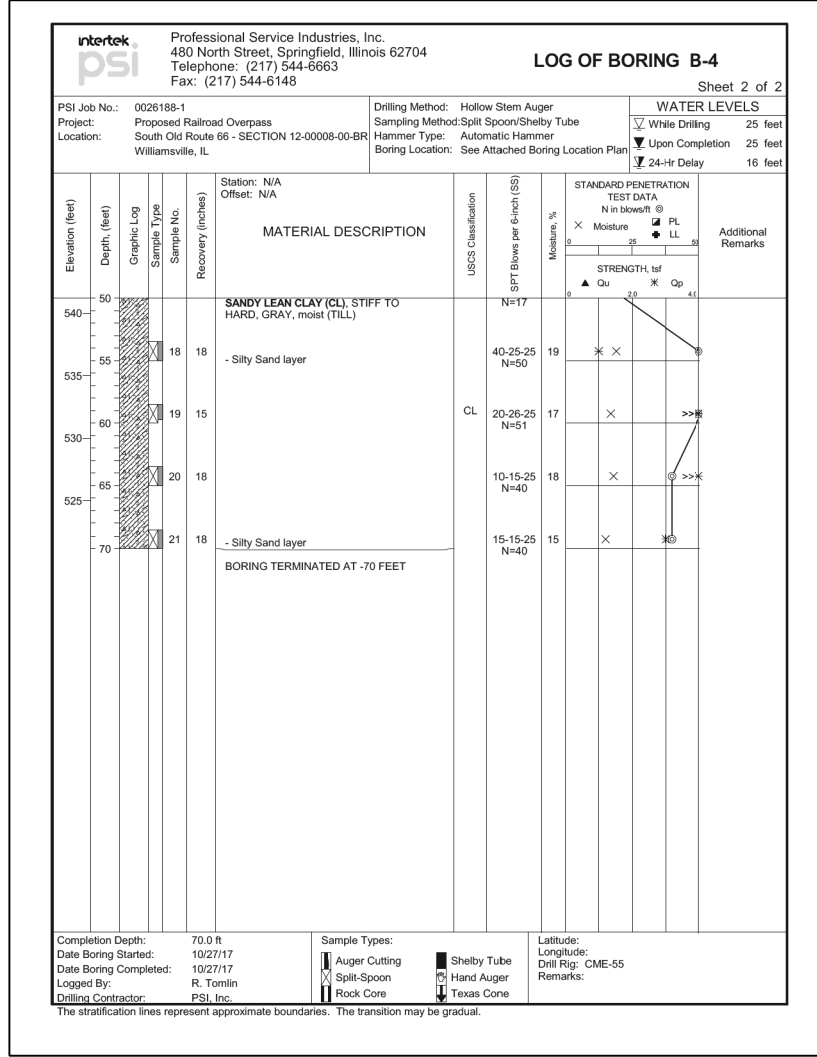
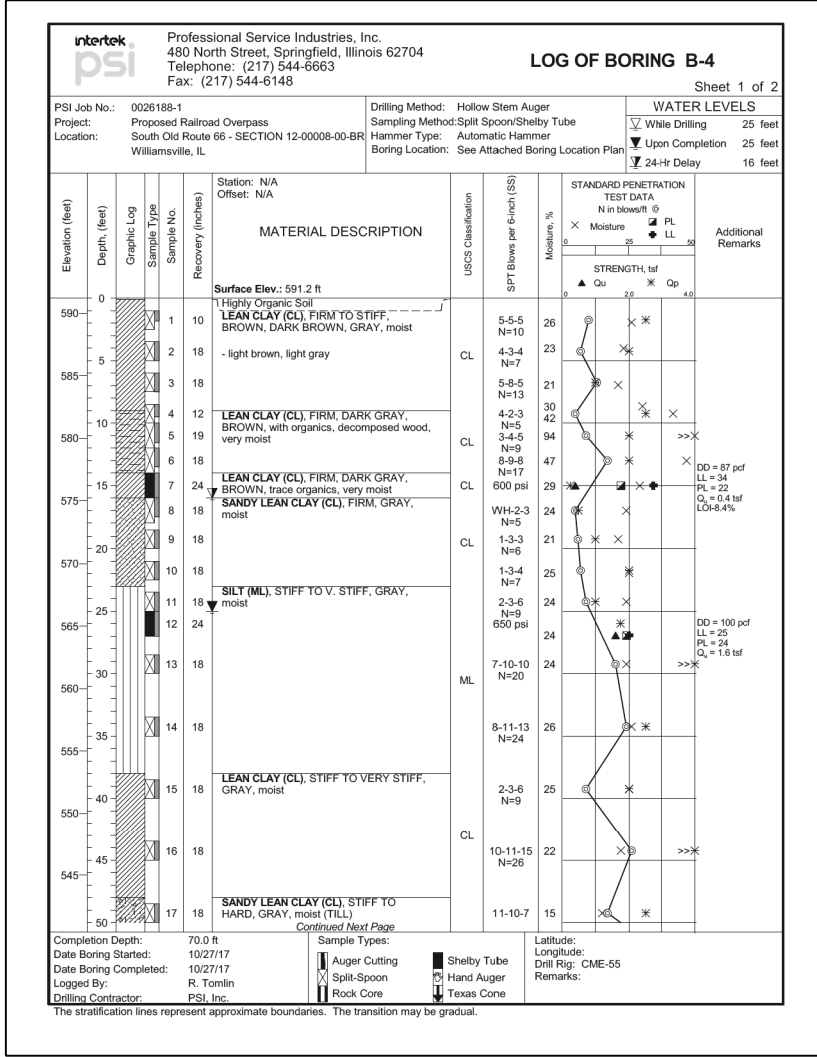
**VILLAGE OF WILLIAMSVILLE  
 SOUTH OLD RTE 66 OVERPASS**

**SOIL BORINGS  
 STRUCTURE NO. 084-9951**

SHEET NO. 31 OF 32 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	71
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				

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PLOT DATE = 3/9/2018	CHECKED - RP	REVISED -

**VILLAGE OF WILLIAMSVILLE  
 SOUTH OLD RTE 66 OVERPASS**

**SOIL BORINGS  
 STRUCTURE NO. 084-9951**

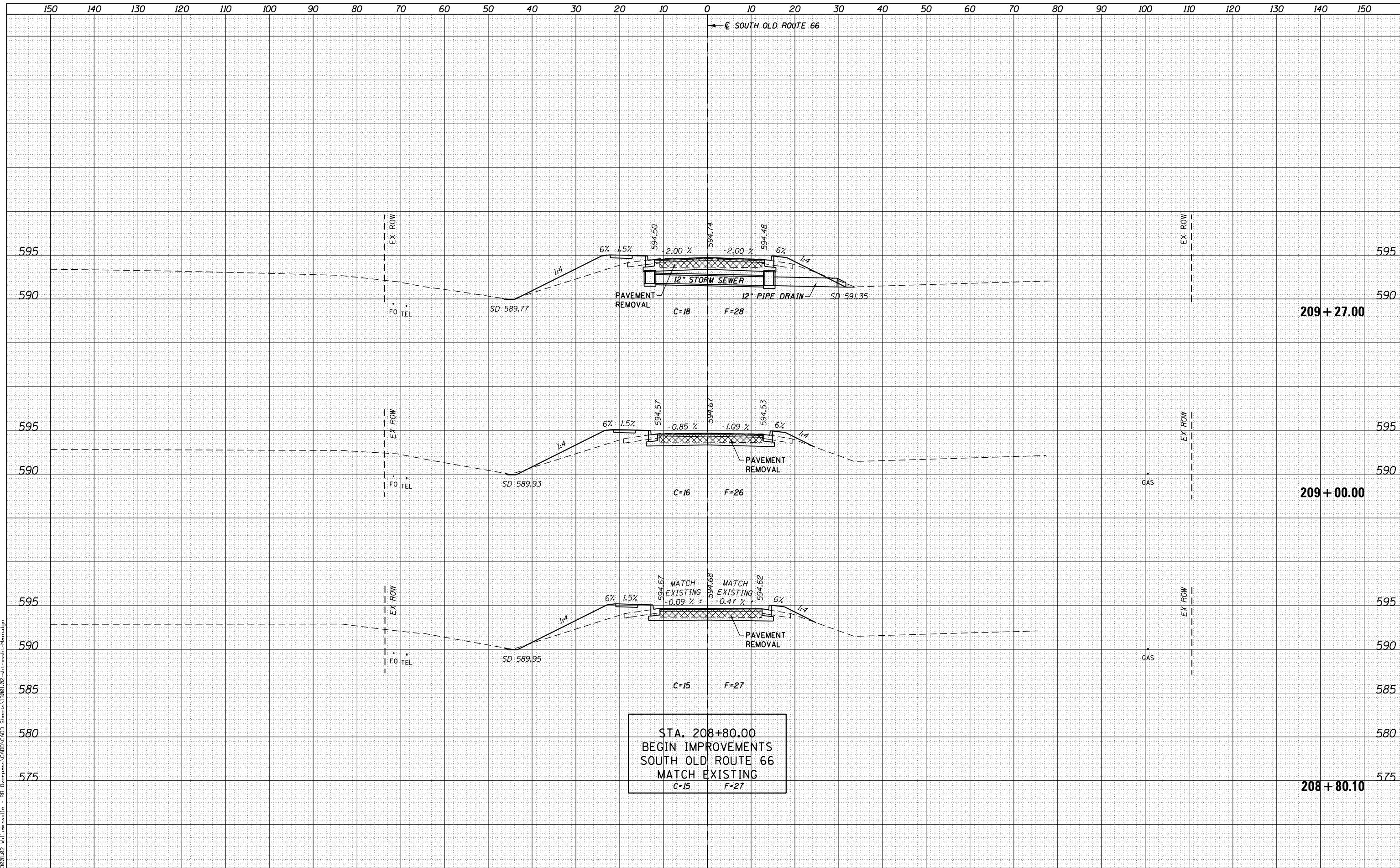
SHEET NO. 32 OF 32 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	72
CONTRACT NO. 93679			ILLINOIS FED. AID PROJECT	

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

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

PLOT DRIVER = PDFJ117, Williamsville, Overpass.dwg  
 FILE NAME = J:\13001.02\Williamsville - Oak Street Overpass\CADD\Sheets\13001.02-sht-ssht-Main.dgn



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 Professional Design Firm No. 184-006526

USER NAME = msutheard	DESIGNED - MDS	REVISED -
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PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

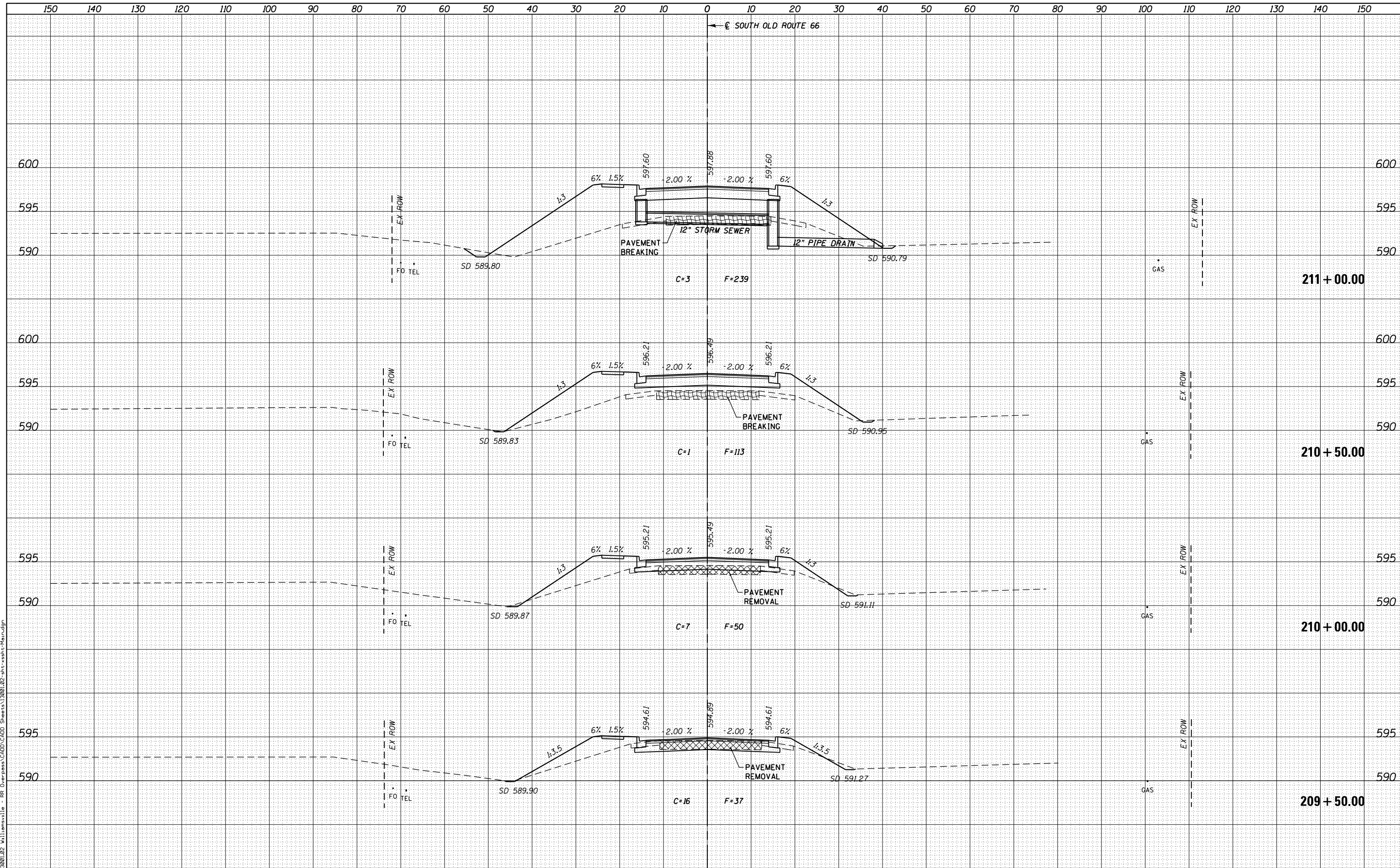
<b>CROSS SECTIONS SOUTH OLD ROUTE 66</b>			
SCALE: 10H:5V	SHEET 1	OF 31 SHEETS	STA. 208+80.10 TO STA. 209+27.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	73
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = msutheard	DESIGNED - MDS	REVISIED -
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PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISIED -

**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

**CROSS SECTIONS  
 SOUTH OLD ROUTE 66**

SCALE: 10H:5V SHEET 2 OF 31 SHEETS STA. 209+50.00 TO STA. 211+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	74
			CONTRACT NO. 93679	
ILLINOIS FED. AID PROJECT				

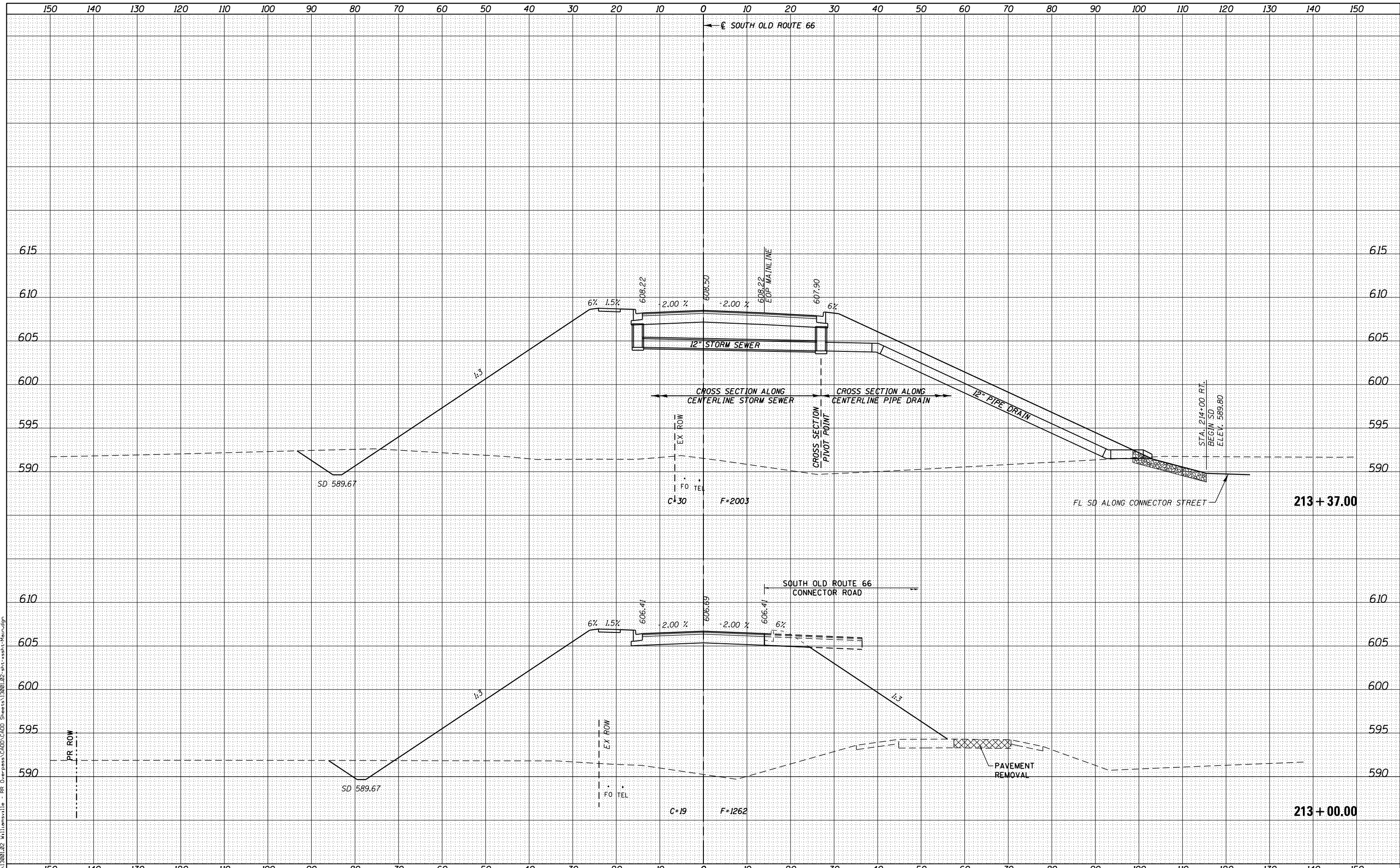




DATE	
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FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NOTE BOOK	
NO.	

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

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 Professional Design Firm No. 184-006526

USER NAME = msutheard	DESIGNED - MDS	REVISED -
FILE NAME = 13001.02-sht-ssht-Main.dgn	DRAWN - MDS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - CMM	REVISED -
PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

**CROSS SECTIONS  
 SOUTH OLD ROUTE 66**

SCALE: 10H:5V    SHEET 4 OF 31 SHEETS    STA. 213+00.00 TO STA. 213+37.00

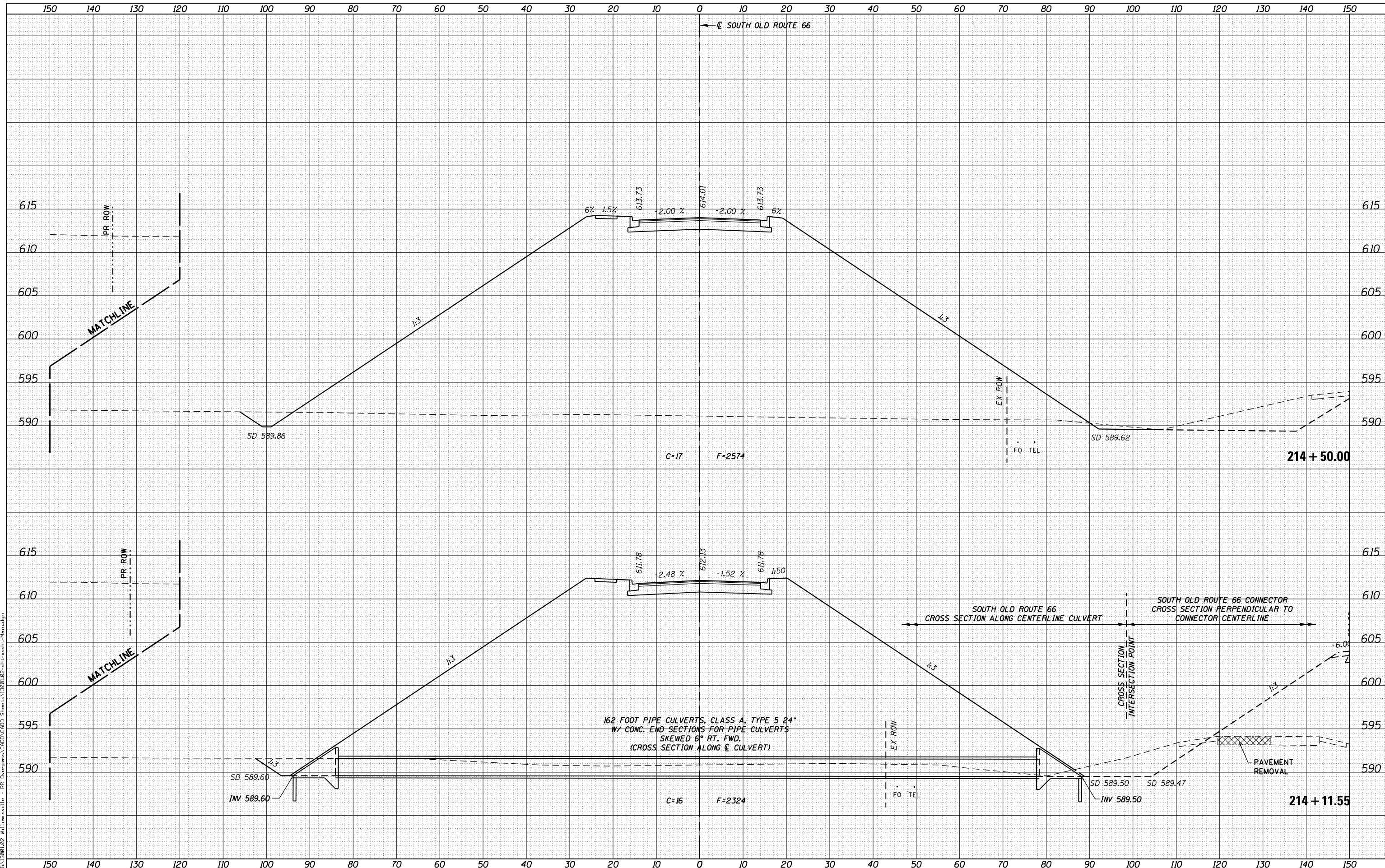
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	76
			CONTRACT NO. 93679	
ILLINOIS FED. AID PROJECT				



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

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

PLOT DRIVER = PDF-J1x7, Williamsville - Overpass.dwg  
 FILE NAME = J:\13001.02 Williamsville - Rd Overpass\CADD Sheets\13001.02-sht-ssht-Main.dgn



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PLOT SCALE = 20.0000' / in.	CHECKED - CMM	REVISED -
PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

**VILLAGE OF WILLIAMSVILLE  
OAK STREET OVERPASS**

**CROSS SECTIONS  
SOUTH OLD ROUTE 66**

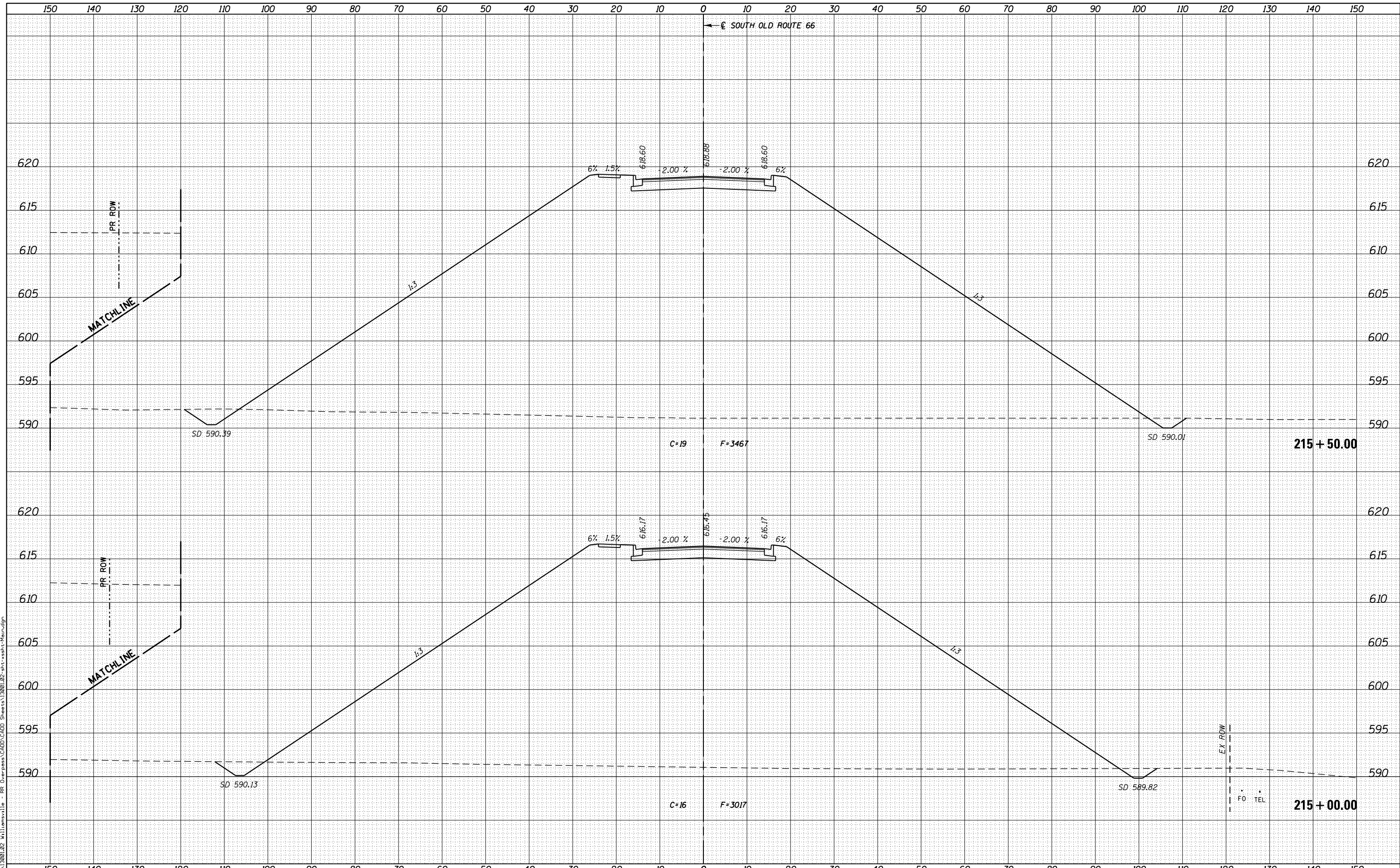
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	78
			CONTRACT NO. 93679	
ILLINOIS FED. AID PROJECT				

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

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

PLOT DRIVER = PDFJLT7\Williamsville - Overpass\13001.02-sht-ssht-Main.dgn  
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USER NAME = msutheard	DESIGNED - MDS	REVISED -
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PLOT SCALE = 20.0000' / in.	CHECKED - CMM	REVISED -
PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

**VILLAGE OF WILLIAMSVILLE  
OAK STREET OVERPASS**

**CROSS SECTIONS  
SOUTH OLD ROUTE 66**

SCALE: 10H:5V SHEET 7 OF 31 SHEETS STA. 215+00.00 TO STA. 215+50.00

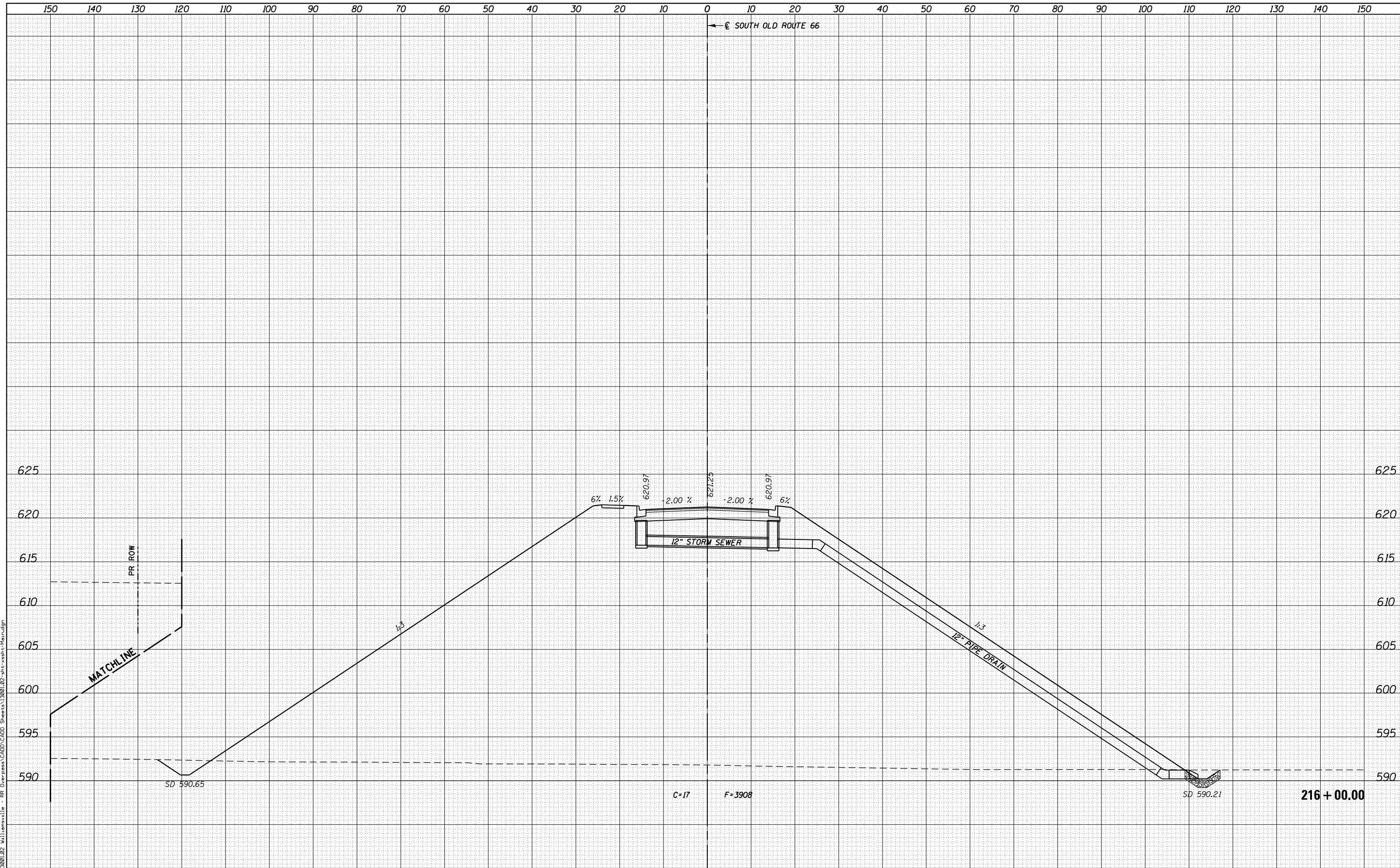
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	79
				CONTRACT NO. 93679
ILLINOIS FED. AID PROJECT				



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

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

PLOT DRIVER = PDF\_J1x7威廉斯维尔\_Overpass.dwg  
 FILE NAME = J:\13001.02-Williamsville - Rd Overpass\CADD Sheets\13001.02-sht-wsht-Main.dgn



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 Professional Design Firm No. 184-006526

USER NAME = msutheard	DESIGNED - MDS	REVISED -
FILE NAME = 13001.02-sht-wsht-Main.dgn	DRAWN - MDS	REVISED -
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PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

<b>CROSS SECTIONS    SOUTH OLD ROUTE 66</b>	
SCALE: 10H:5V	SHEET 8 OF 31 SHEETS
STA. 216+00.00 TO STA. 216+00.00	

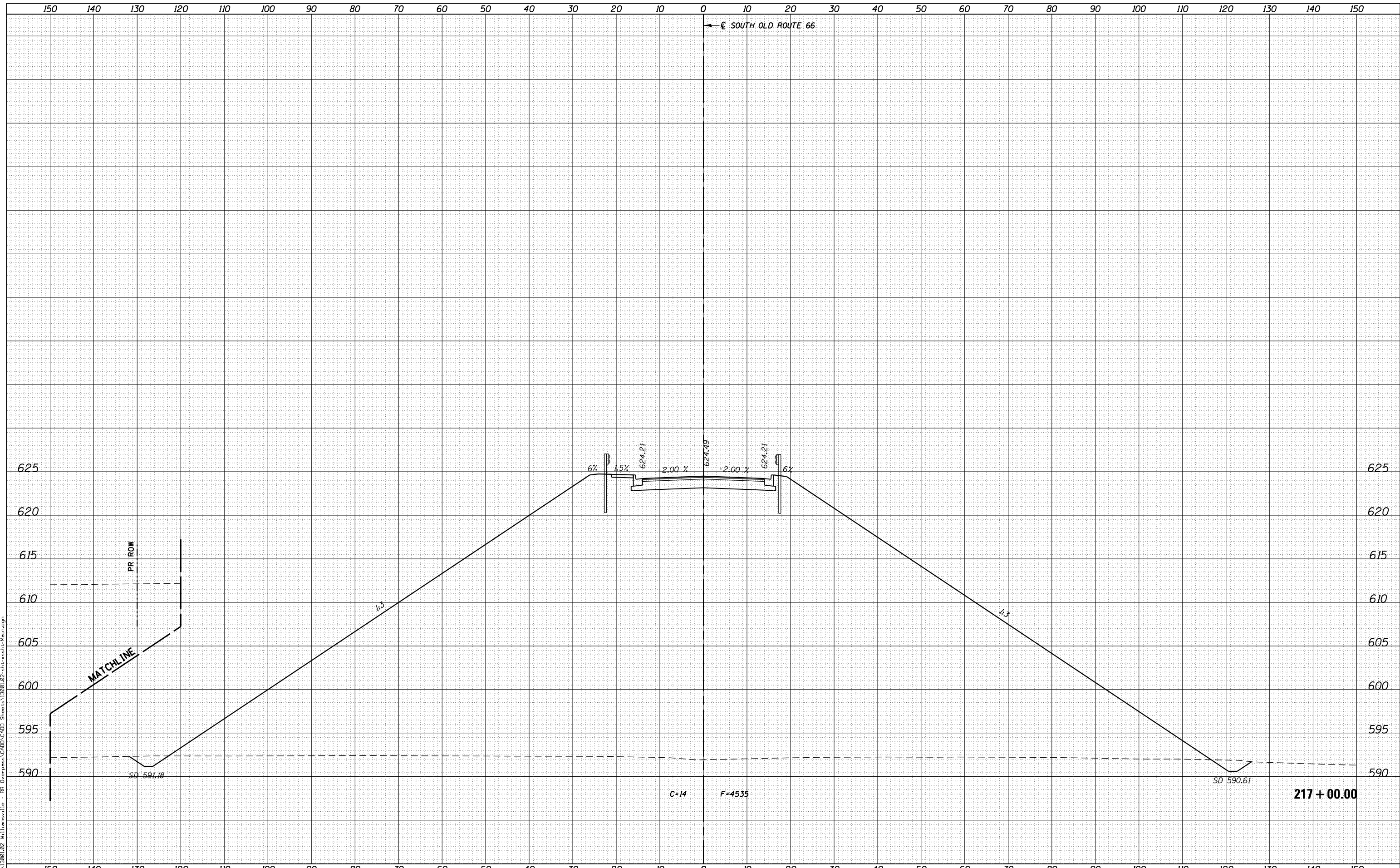
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	12-00008-00-BR	SANGAMON	118	80
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				



DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
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DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
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USER NAME = msutheard	DESIGNED - MDS	REVISED -
FILE NAME = 13001.02-sht-ssht-Main.dgn	DRAWN - MDS	REVISED -
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PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

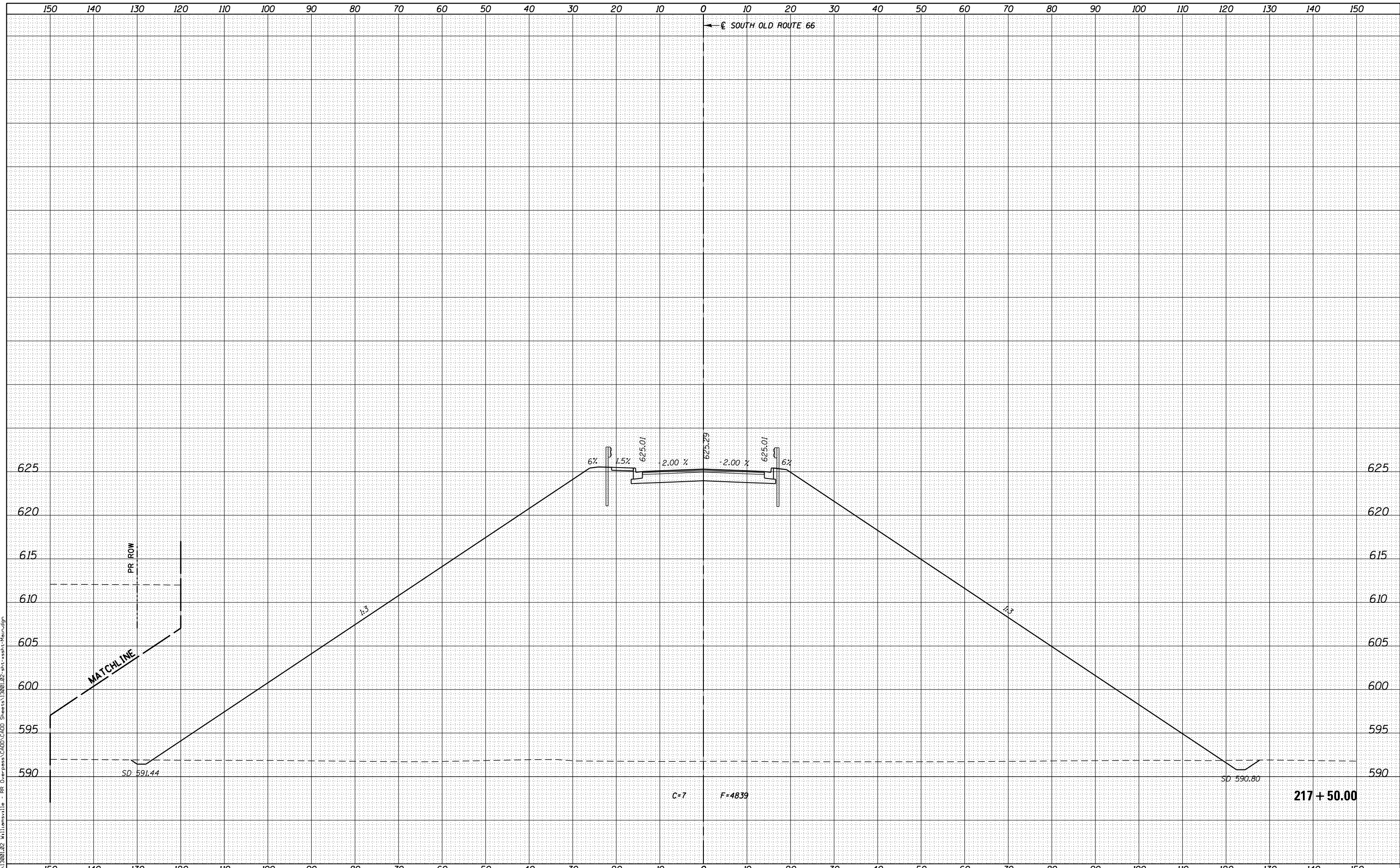
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SCALE: 10H:5V	SHEET 10	OF 31 SHEETS	STA. 217+00.00 TO STA. 217+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	82
				CONTRACT NO. 93679
ILLINOIS FED. AID PROJECT				

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

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

PLOT DRIVER = PDF11x17 Williamsville - Overpass.dwg  
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USER NAME = msutheard	DESIGNED - MDS	REVISED -
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PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

DESIGNED - MDS	REVISED -
DRAWN - MDS	REVISED -
CHECKED - CMM	REVISED -
DATE - 11/24/15	REVISED -

**VILLAGE OF WILLIAMSVILLE**  
**OAK STREET OVERPASS**

**CROSS SECTIONS**  
**SOUTH OLD ROUTE 66**

SCALE: 10H:5V SHEET 11 OF 31 SHEETS STA. 217+50.00 TO STA. 217+50.00

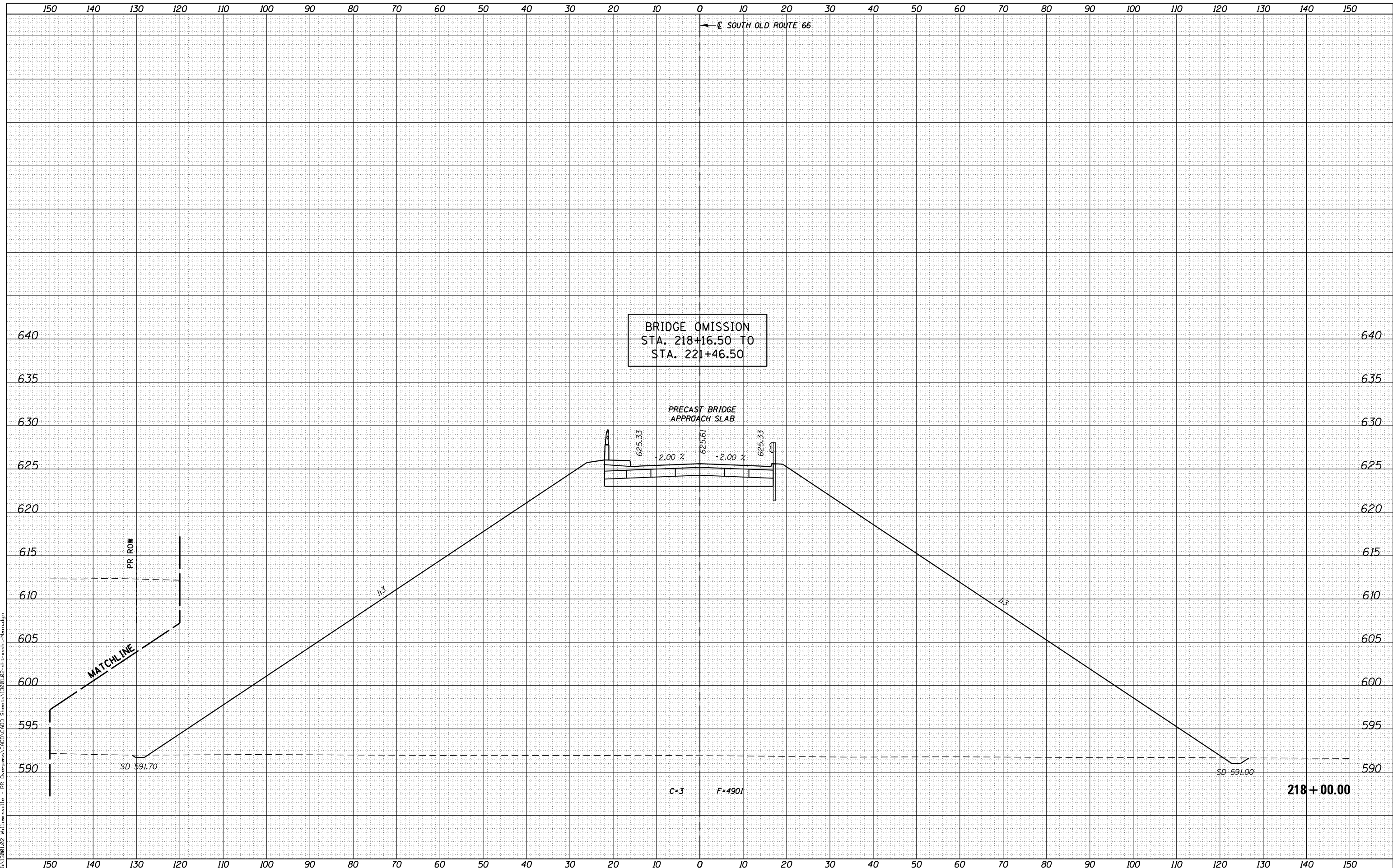
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	83
			CONTRACT NO. 93679	
ILLINOIS FED. AID PROJECT				



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

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

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 FILE NAME = J:\13001.02 Milliamsville - Rd Overpass\CADD Sheets\13001.02-sht-ssht-Main.dgn



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USER NAME = msutheard	DESIGNED - MDS	REVISED -
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PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

**CROSS SECTIONS  
 SOUTH OLD ROUTE 66**

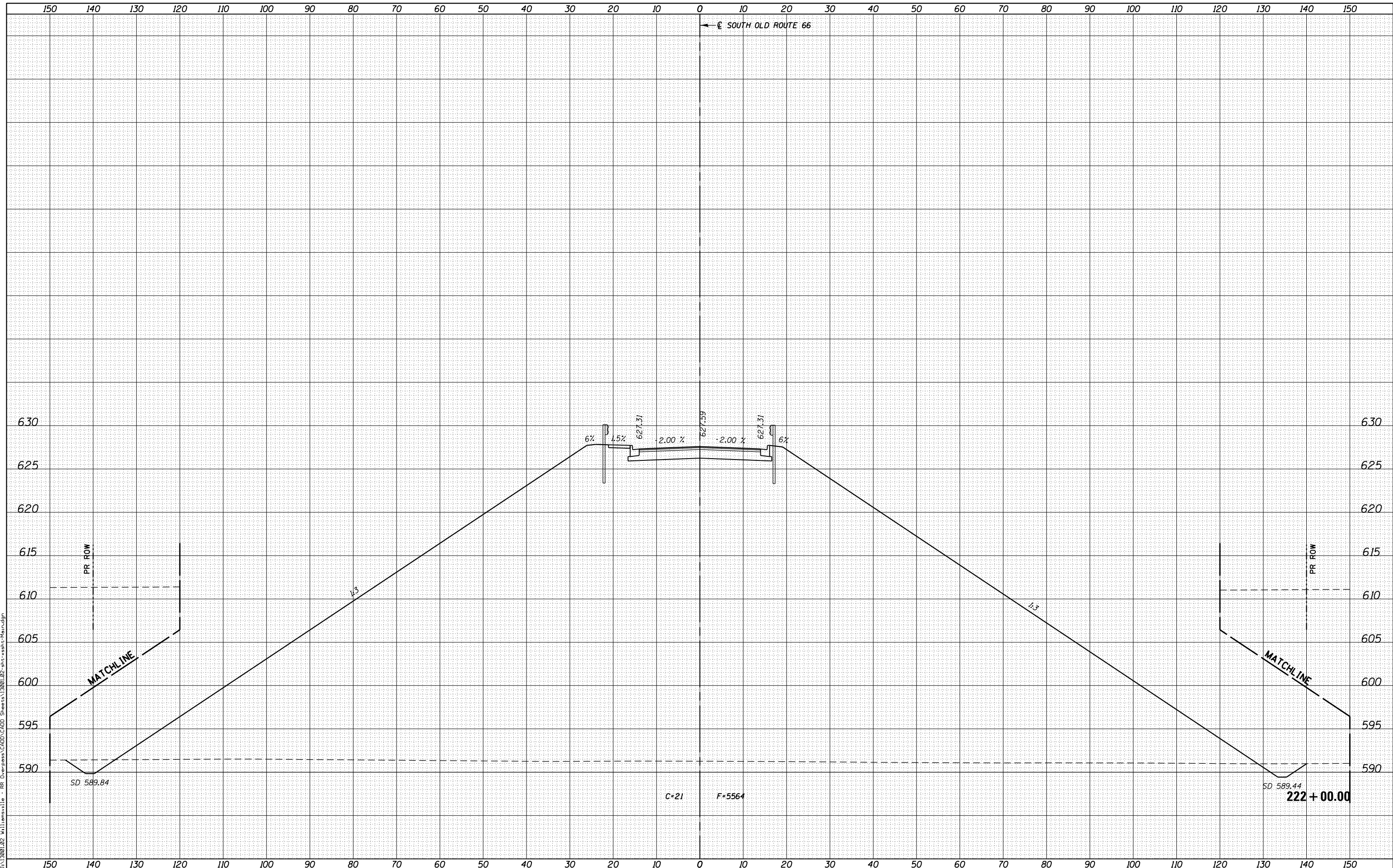
SCALE: 10H:5V SHEET 12 OF 31 SHEETS STA. 218+00.00 TO STA. 218+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	84
			CONTRACT NO. 93679	
ILLINOIS FED. AID PROJECT				

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

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

PLOT DRIVER = PDF-J1x7,Williamsville\_Overpass.dwg  
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USER NAME = msutheard	DESIGNED - MDS	REVISIED -
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PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISIED -

**VILLAGE OF WILLIAMSVILLE**  
**OAK STREET OVERPASS**

<b>CROSS SECTIONS</b>	
<b>SOUTH OLD ROUTE 66</b>	
SCALE: 10H:5V	SHEET 13 OF 31 SHEETS
STA. 222+00.00 TO STA. 222+00.00	

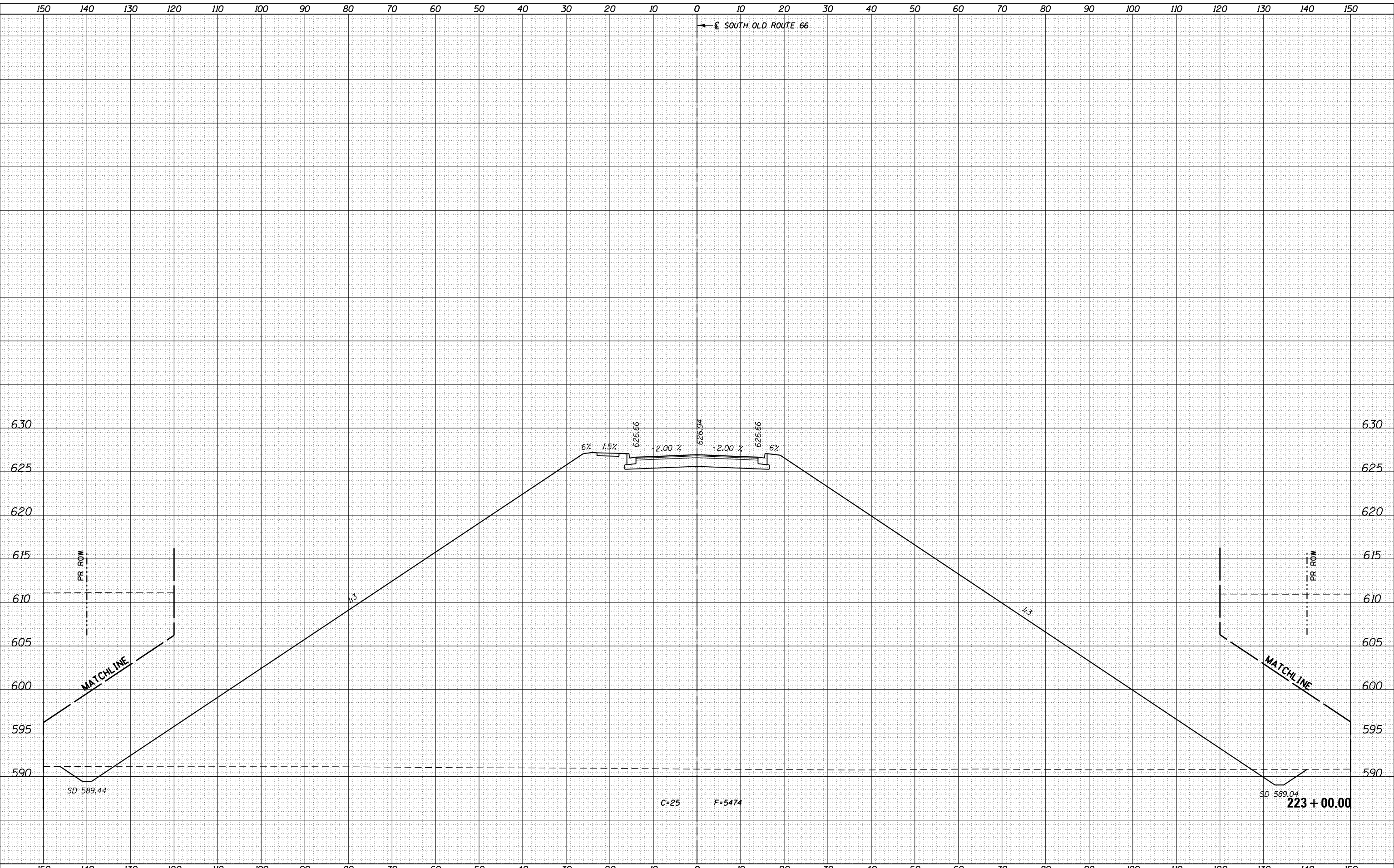
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	85
				CONTRACT NO. 93679
ILLINOIS FED. AID PROJECT				



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

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

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 FILE NAME = J:\1300102 Williamsville - Rd Overpass\CADD Sheets\1300102-sht-ssht-Main.dgn



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 Professional Design Firm No. 184-006526

USER NAME = msutheard	DESIGNED - MDS	REVISED -
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PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

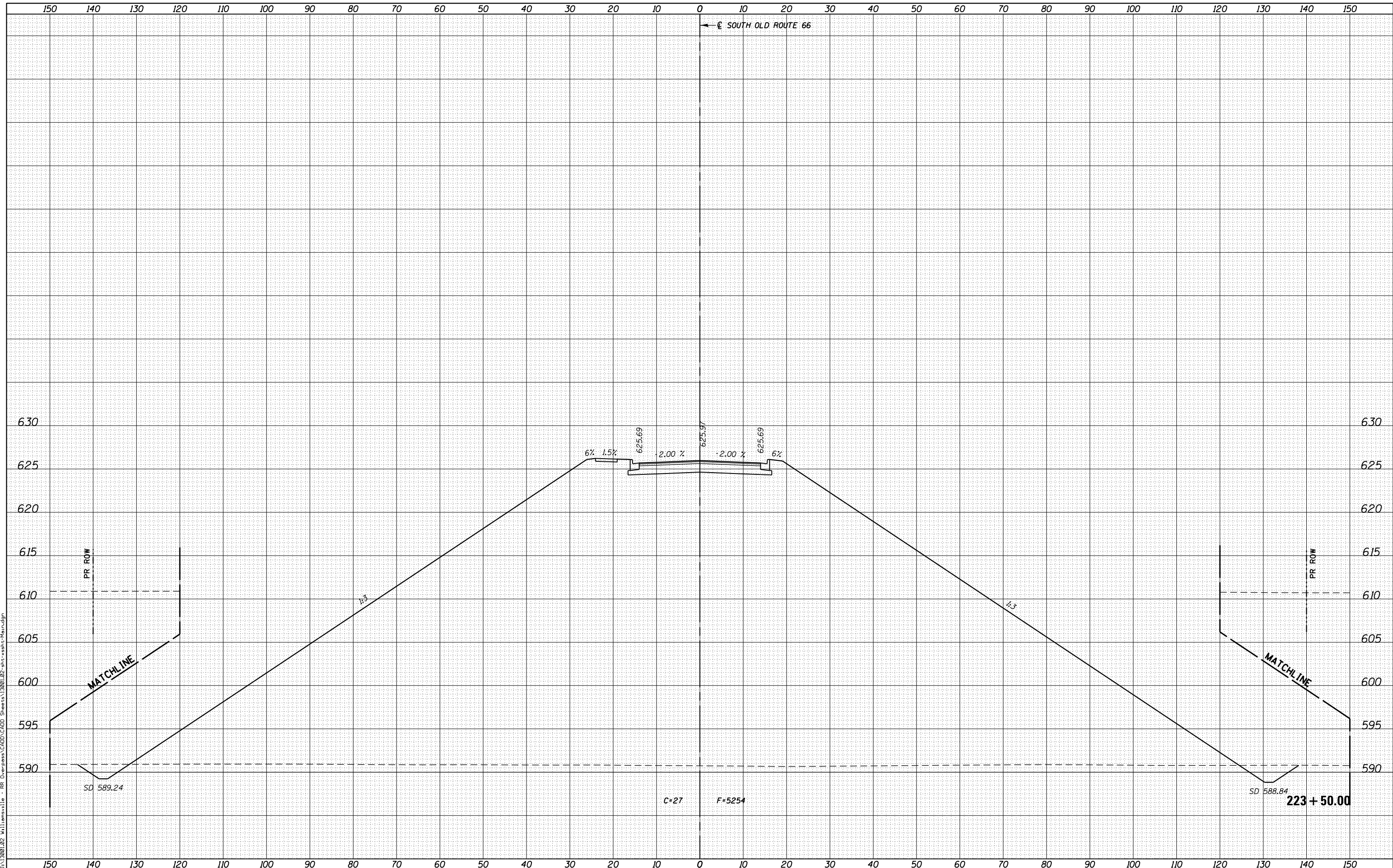
<b>CROSS SECTIONS SOUTH OLD ROUTE 66</b>	
SCALE: 10H:5V	SHEET 15 OF 31 SHEETS
STA. 223+00.00 TO STA. 223+00.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	87
				CONTRACT NO. 93679
ILLINOIS FED. AID PROJECT				

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

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

PLOT DRIVER = PDF11x17 Williamsville - Overpass.dwg  
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USER NAME = msutheard	DESIGNED - MDS	REVISED -
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PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

<b>CROSS SECTIONS SOUTH OLD ROUTE 66</b>			
SCALE: 10H:5V	SHEET 16	OF 31 SHEETS	STA. 223+50.00 TO STA. 223+50.00

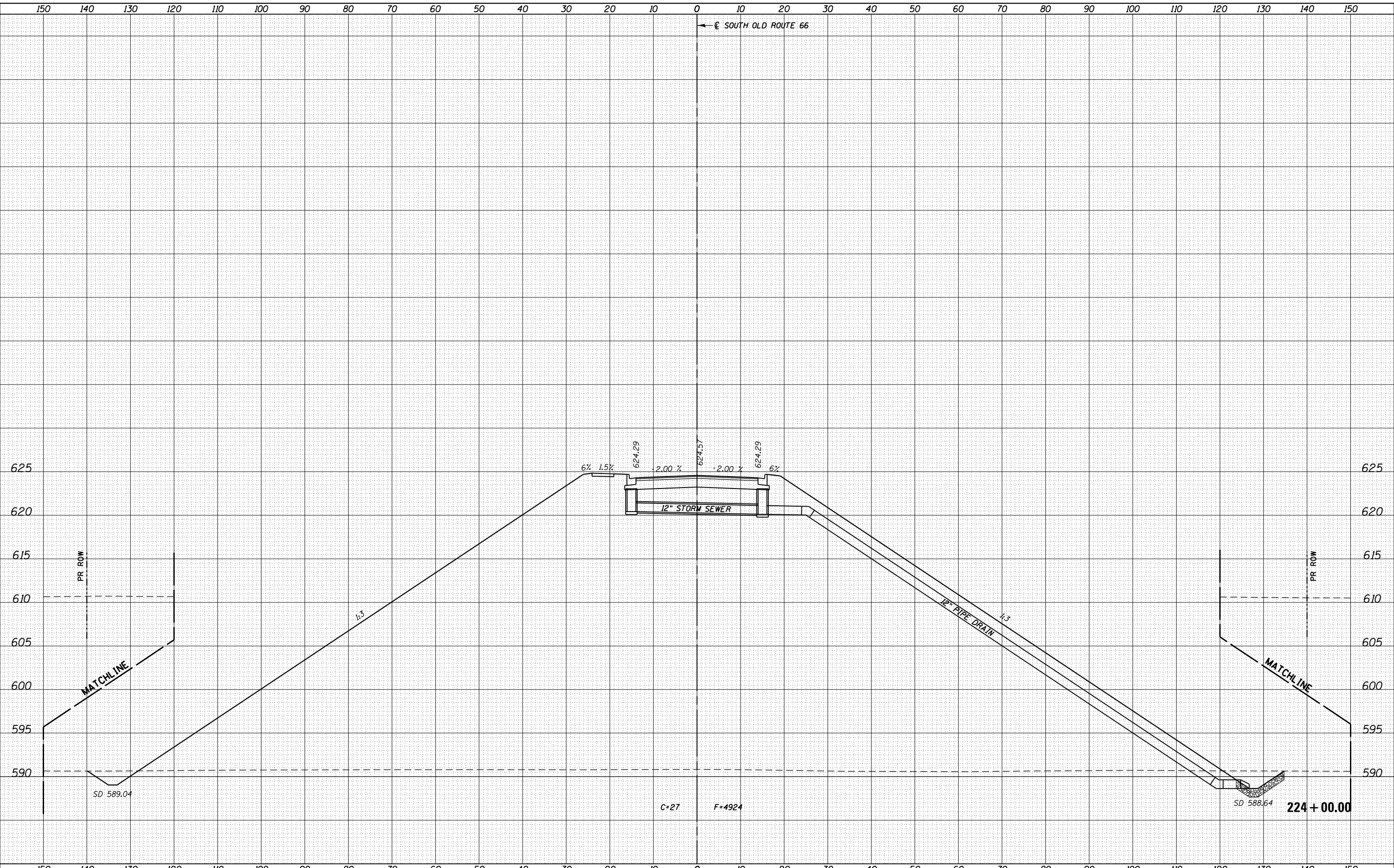
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	88
CONTRACT NO. 93679				
ILLINOIS FED. AID PROJECT				



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

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

PLOT DRIVER = PDF11x17 Williamsville - Overpass.dwg  
 FILE NAME = J:\1300102 Williamsville - Rd Overpass\CADD Sheets\1300102-sht-ssht-Main.dgn



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 A Limited Liability Company  
 209 N. 7th Street, 3rd Floor  
 Springfield, IL 62703  
 Phone: 217-676-2044  
 Professional Design Firm No. 184-006526

USER NAME = msutheard	DESIGNED - MDS	REVISED -
FILE NAME = 1300102-sht-ssht-Main.dgn	DRAWN - MDS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - CMM	REVISED -
PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

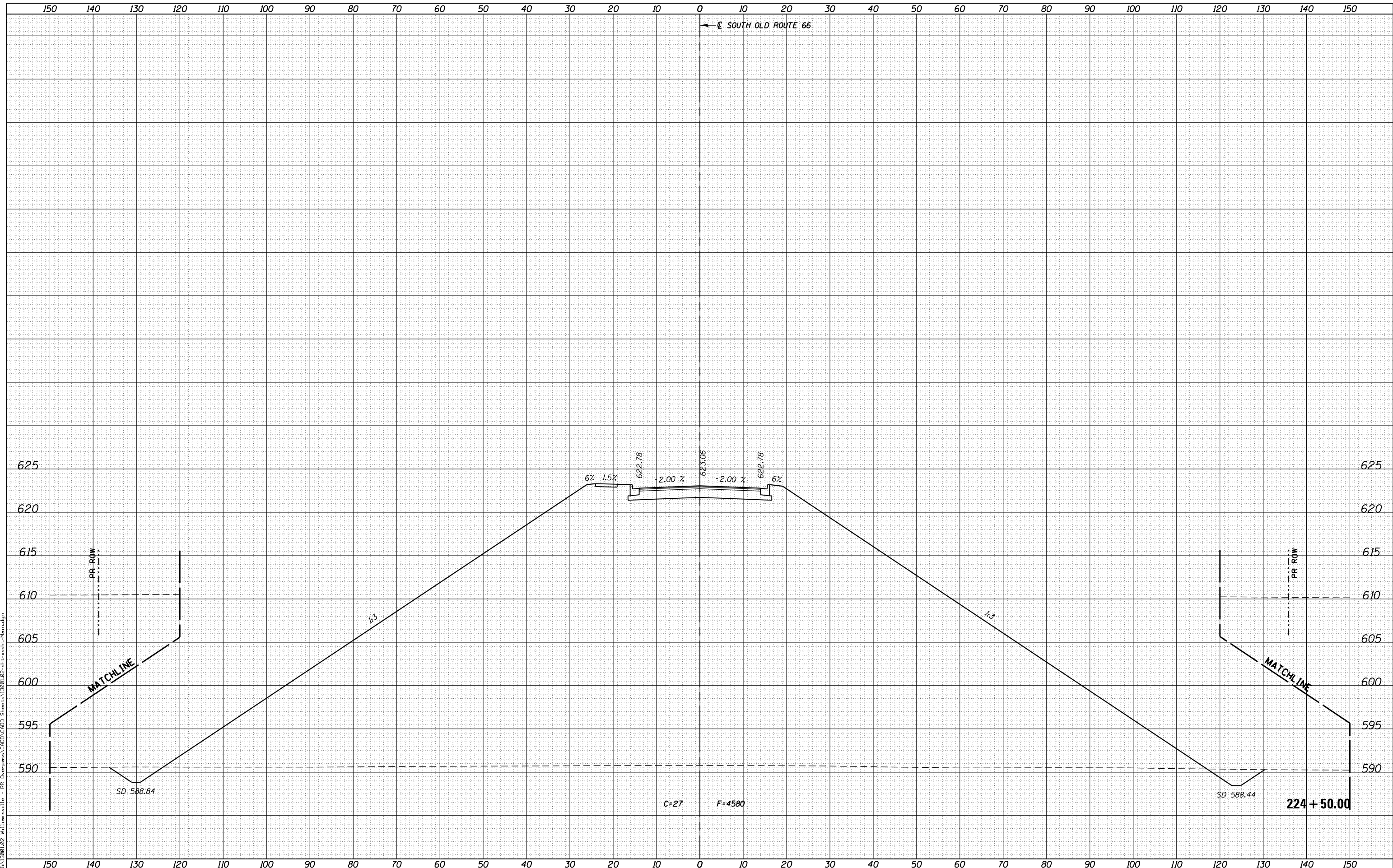
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SCALE: 10H:5V	SHEET 17 OF 31 SHEETS
STA. 224+00.00 TO STA. 224+00.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	89
				CONTRACT NO. 93679
ILLINOIS FED. AID PROJECT				

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

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

PLOT DRIVER = PDF11X7.milwamville\_Overpass.dwg  
 FILE NAME = J:\13001.02-Milwamville - Rd Overpass\CADD Sheets\13001.02-sht-ssht-Main.dgn



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 Professional Design Firm No. 184-006526

USER NAME = msutheard	DESIGNED - MDS	REVISED -
FILE NAME = 13001.02-sht-ssht-Main.dgn	DRAWN - MDS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - CMM	REVISED -
PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

<b>CROSS SECTIONS</b>	
<b>SOUTH OLD ROUTE 66</b>	
SCALE: 10H:5V	SHEET 18 OF 31 SHEETS
STA. 224+50.00 TO STA. 224+50.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	90
				CONTRACT NO. 93679
ILLINOIS FED. AID PROJECT				

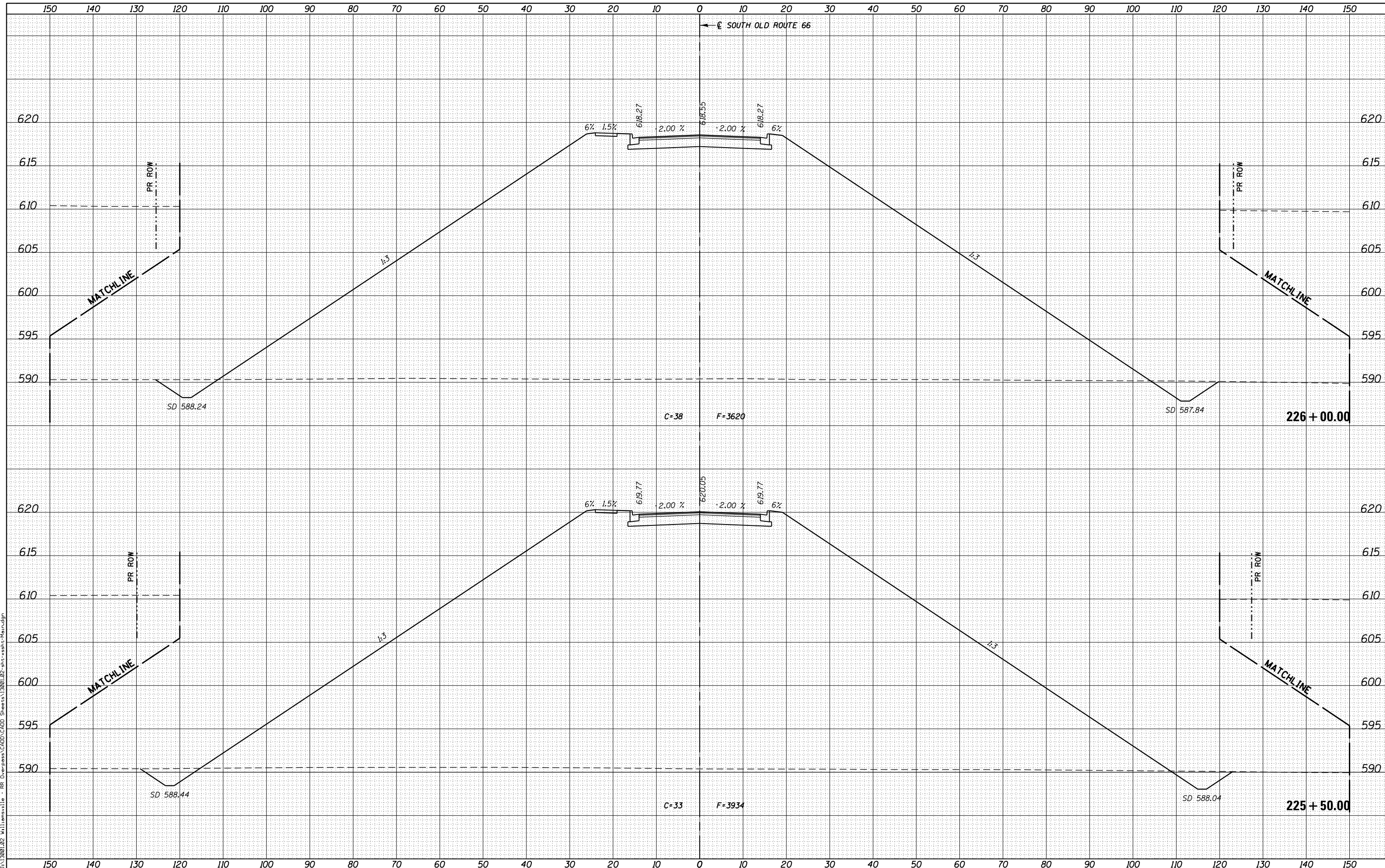




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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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 FILE NAME = J:\13001.02 - Williamsville - Rd Overpass\CADD Sheets\13001.02-sht-ssht-Main.dgn



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PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

**VILLAGE OF WILLIAMSVILLE  
OAK STREET OVERPASS**

**CROSS SECTIONS  
SOUTH OLD ROUTE 66**

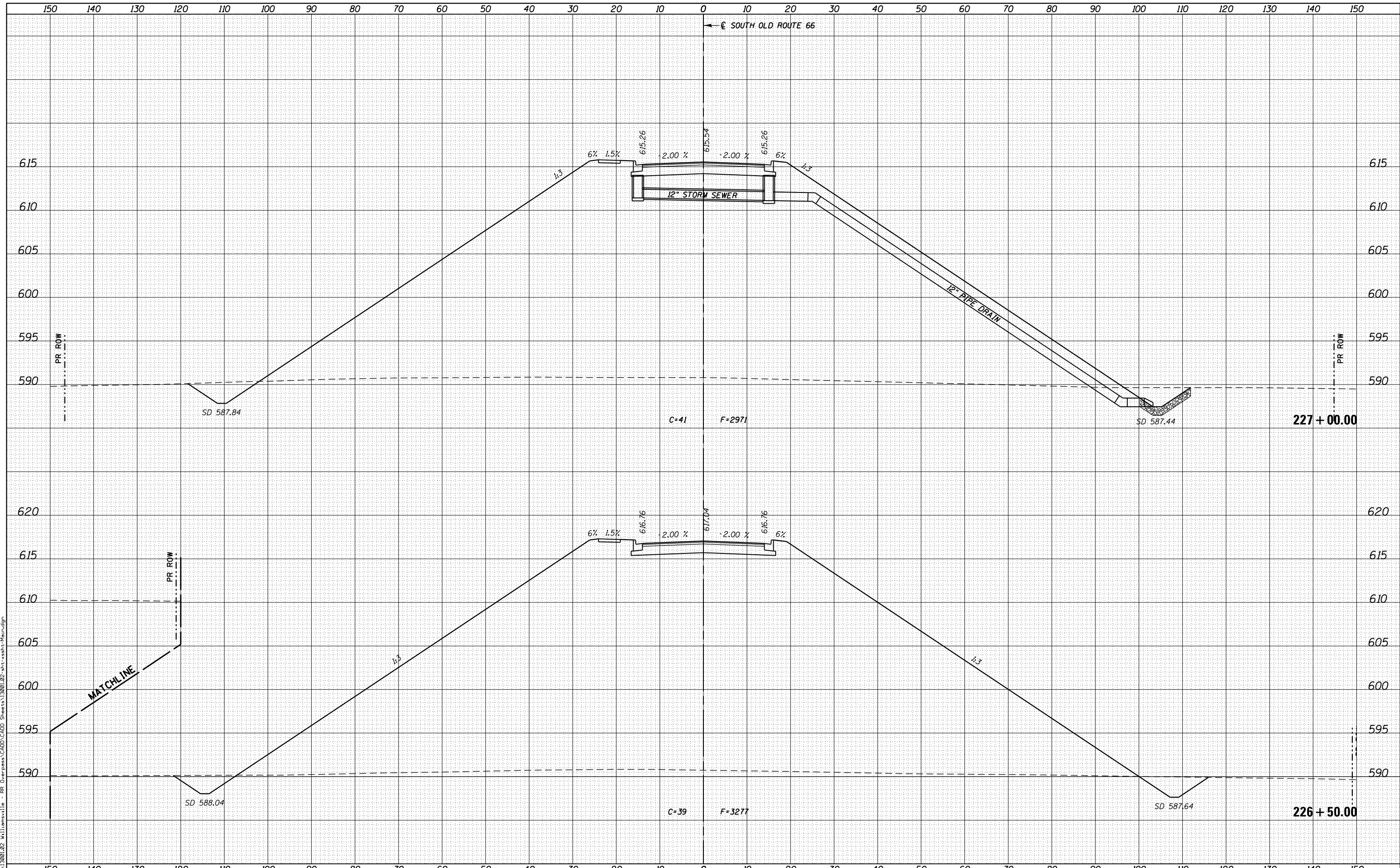
SCALE: 10H:5V SHEET 20 OF 31 SHEETS STA. 225+50.00 TO STA. 226+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	92
			CONTRACT NO. 93679	
ILLINOIS FED. AID PROJECT				

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

<b>CROSS SECTIONS SOUTH OLD ROUTE 66</b>			
SCALE: 10H:5V	SHEET 21	OF 31 SHEETS	STA. 226+50.00 TO STA. 227+00.00

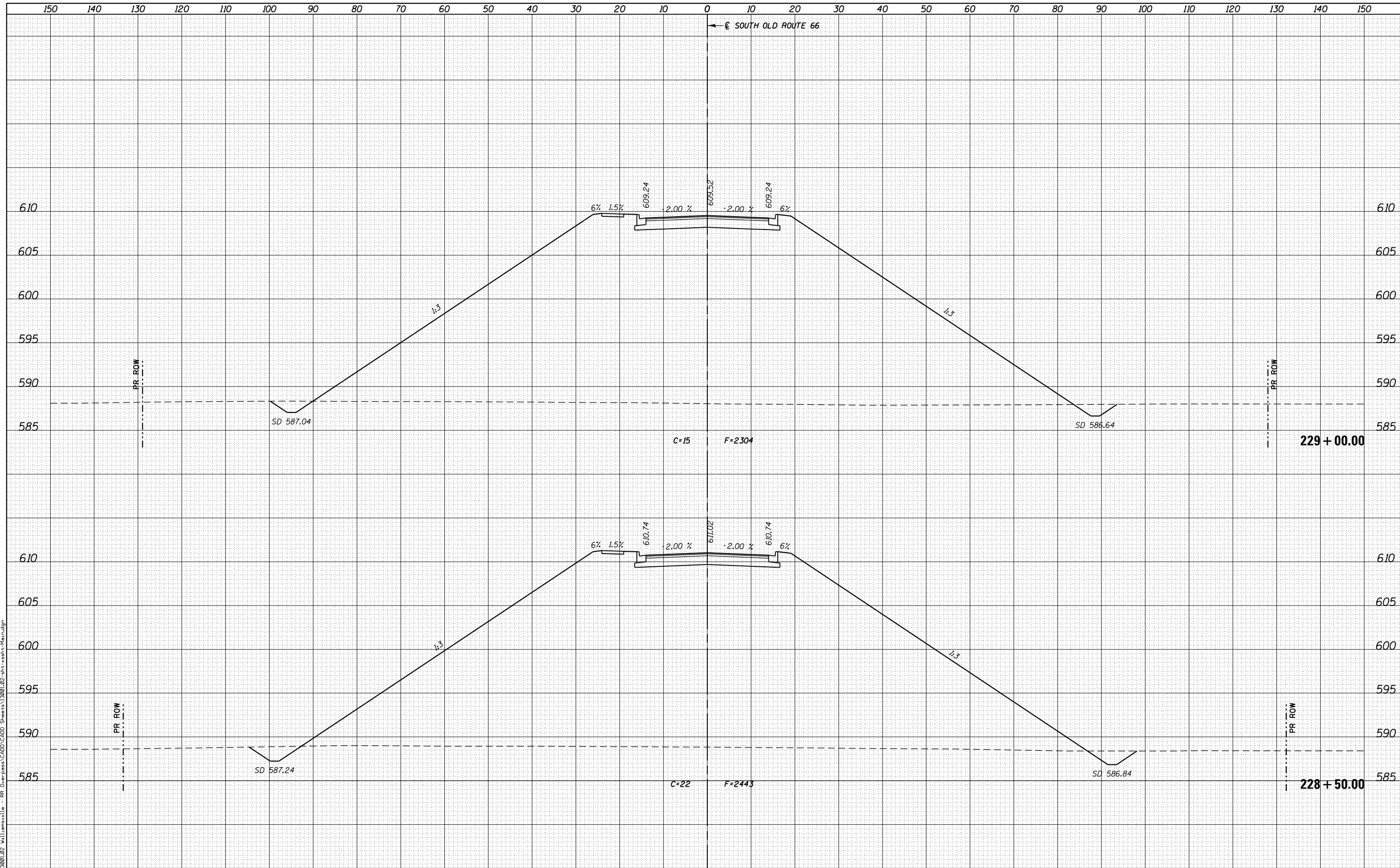
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	93
				CONTRACT NO. 93679
ILLINOIS FED. AID PROJECT				



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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

**CROSS SECTIONS  
 SOUTH OLD ROUTE 66**

SCALE: 10H:5V    SHEET 23 OF 31 SHEETS    STA. 228+50.00 TO STA. 229+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	95
			CONTRACT NO. 93679	
ILLINOIS FED. AID PROJECT				

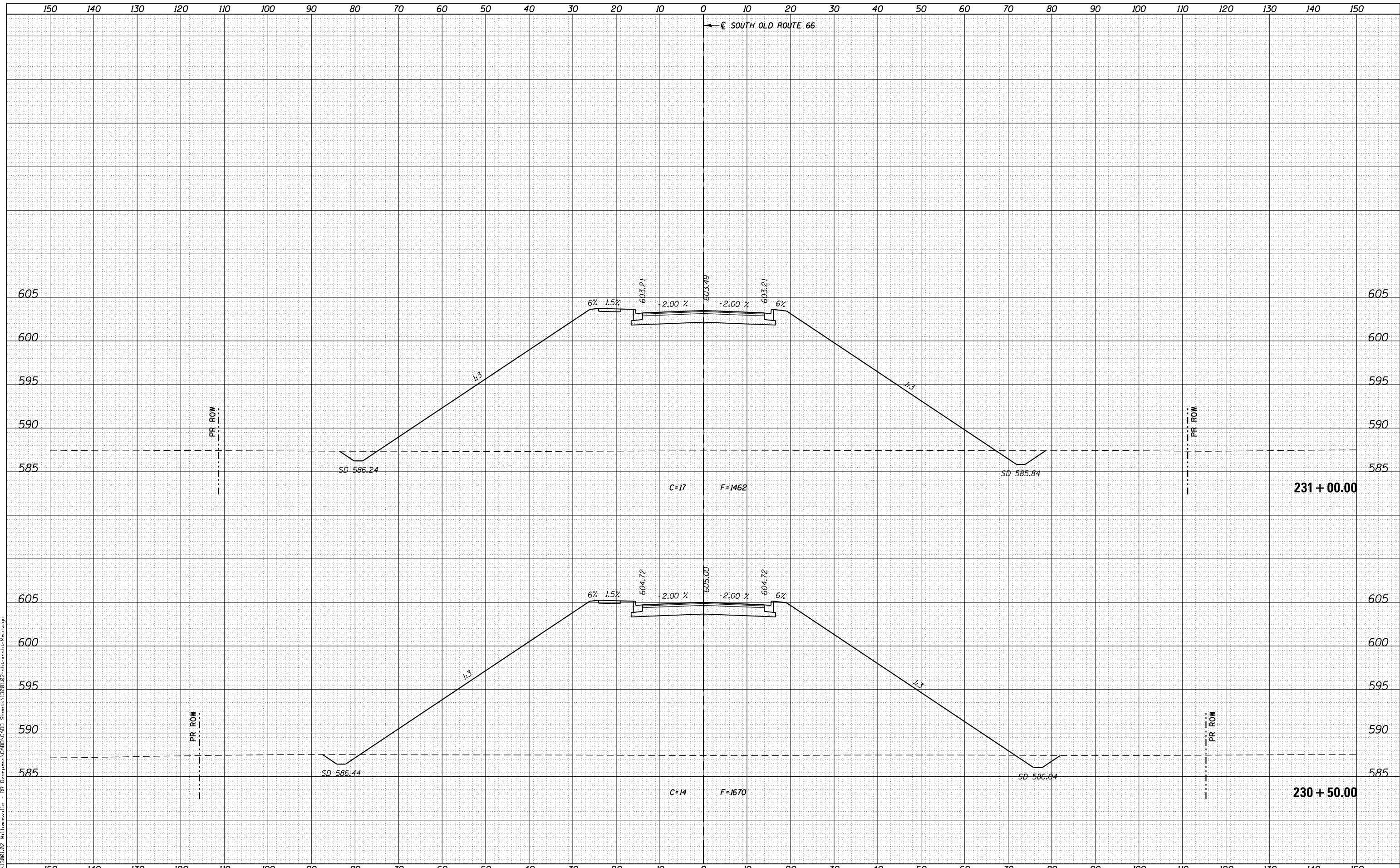




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PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

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DATE - 11/24/15	REVISED -

**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

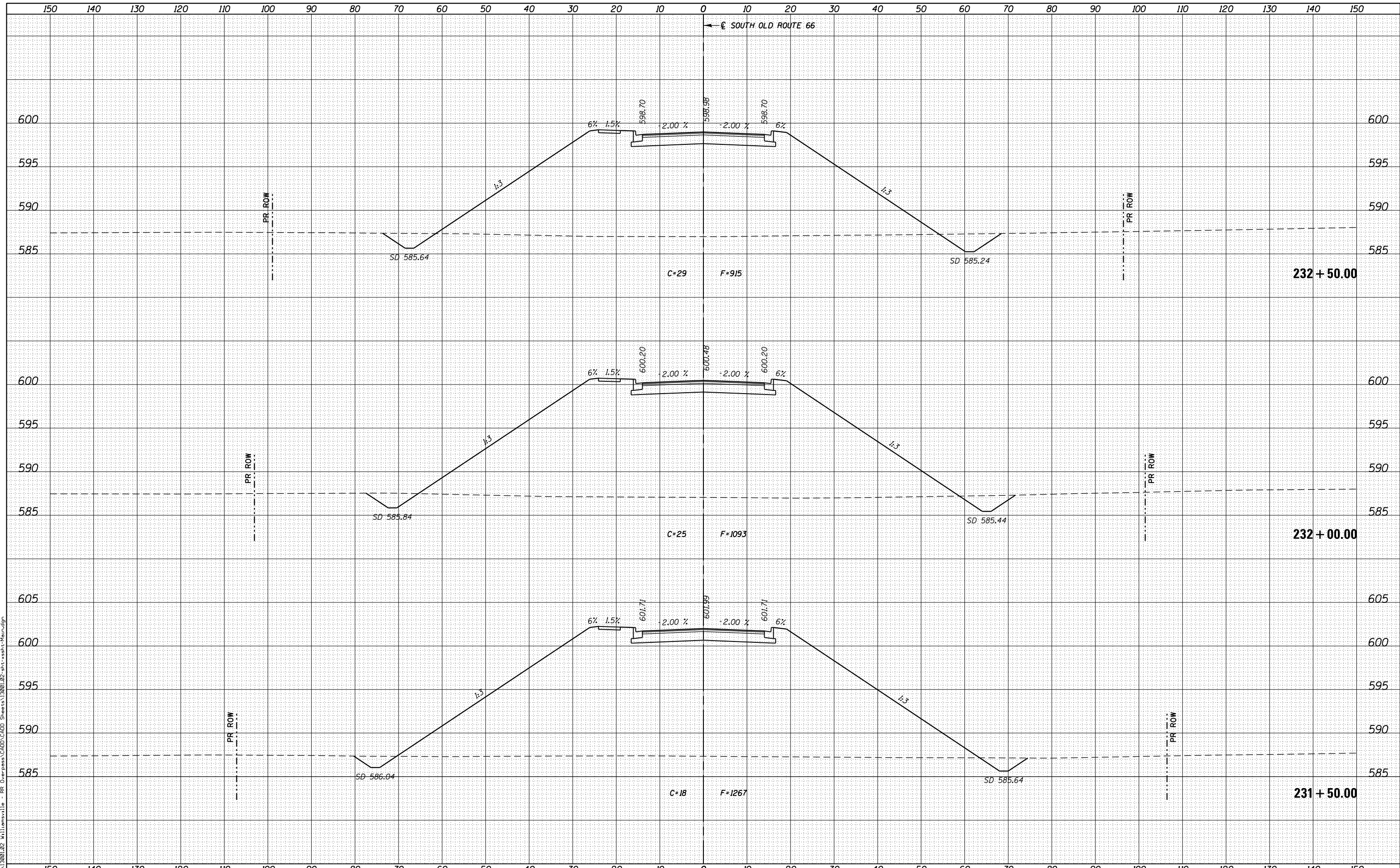
<b>CROSS SECTIONS SOUTH OLD ROUTE 66</b>			
SCALE: 10H:5V	SHEET 25	OF 31 SHEETS	STA. 230+50.00 TO STA. 231+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	97
			CONTRACT NO. 93679	
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	
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NOTE BOOK	
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PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

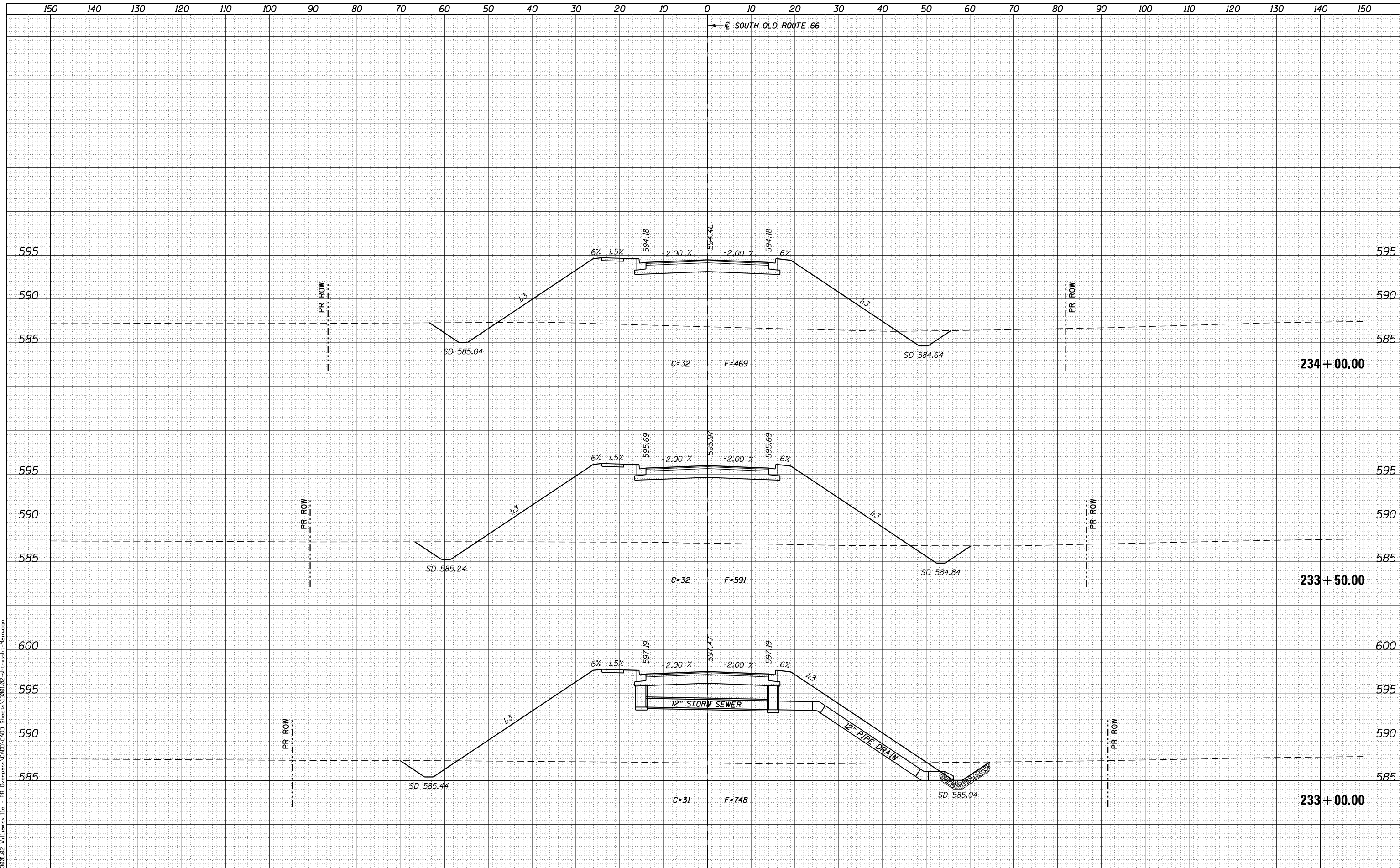
<b>CROSS SECTIONS SOUTH OLD ROUTE 66</b>			
SCALE: 10H:5V	SHEET 26	OF 31 SHEETS	STA. 231+50.00 TO STA. 232+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	98
				CONTRACT NO. 93679
ILLINOIS FED. AID PROJECT				

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PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

**CROSS SECTIONS  
 SOUTH OLD ROUTE 66**

SCALE: 10H:5V SHEET 27 OF 31 SHEETS STA. 233+00.00 TO STA. 234+00.00

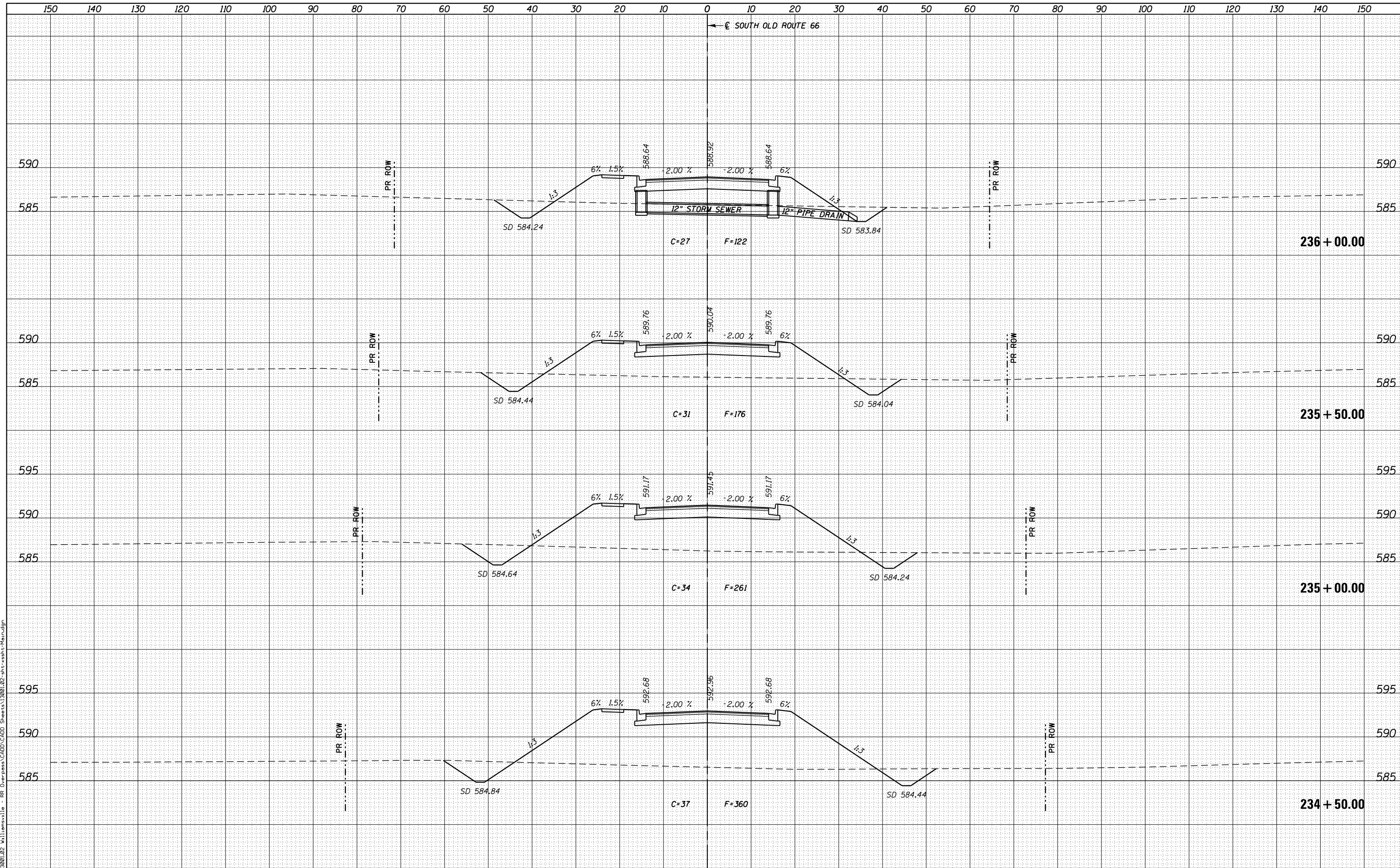
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	12-00008-00-BR	SANGAMON	118	99
			CONTRACT NO. 93679	
ILLINOIS FED. AID PROJECT				



DATE	
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ORIGINAL SURVEY	
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**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

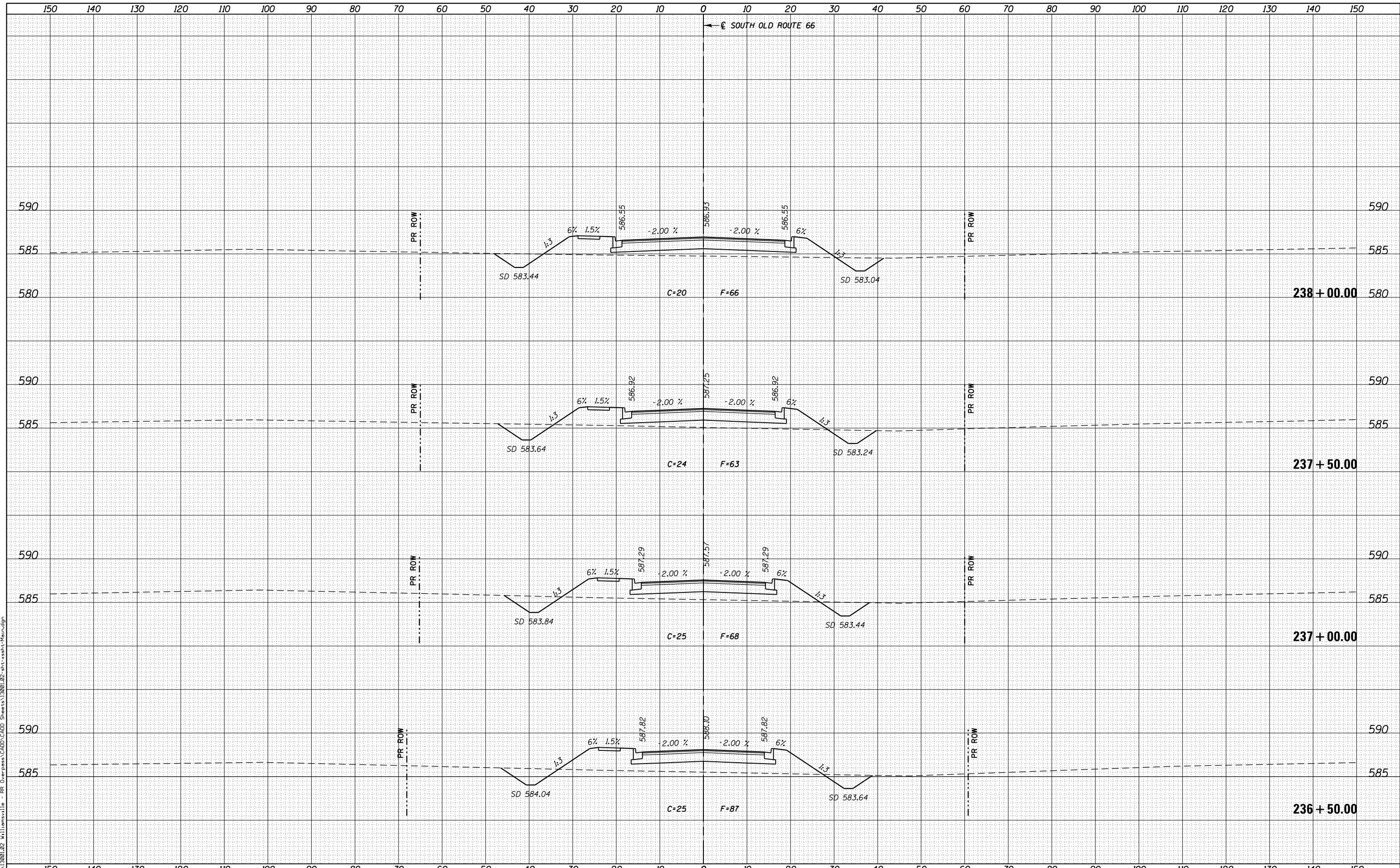
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SCALE: 10H:5V	SHEET 28	OF 31 SHEETS	STA. 234+50.00 TO STA. 236+00.00

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	100
				CONTRACT NO. 93679
ILLINOIS FED. AID PROJECT				

DATE	
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PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISIED -

**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

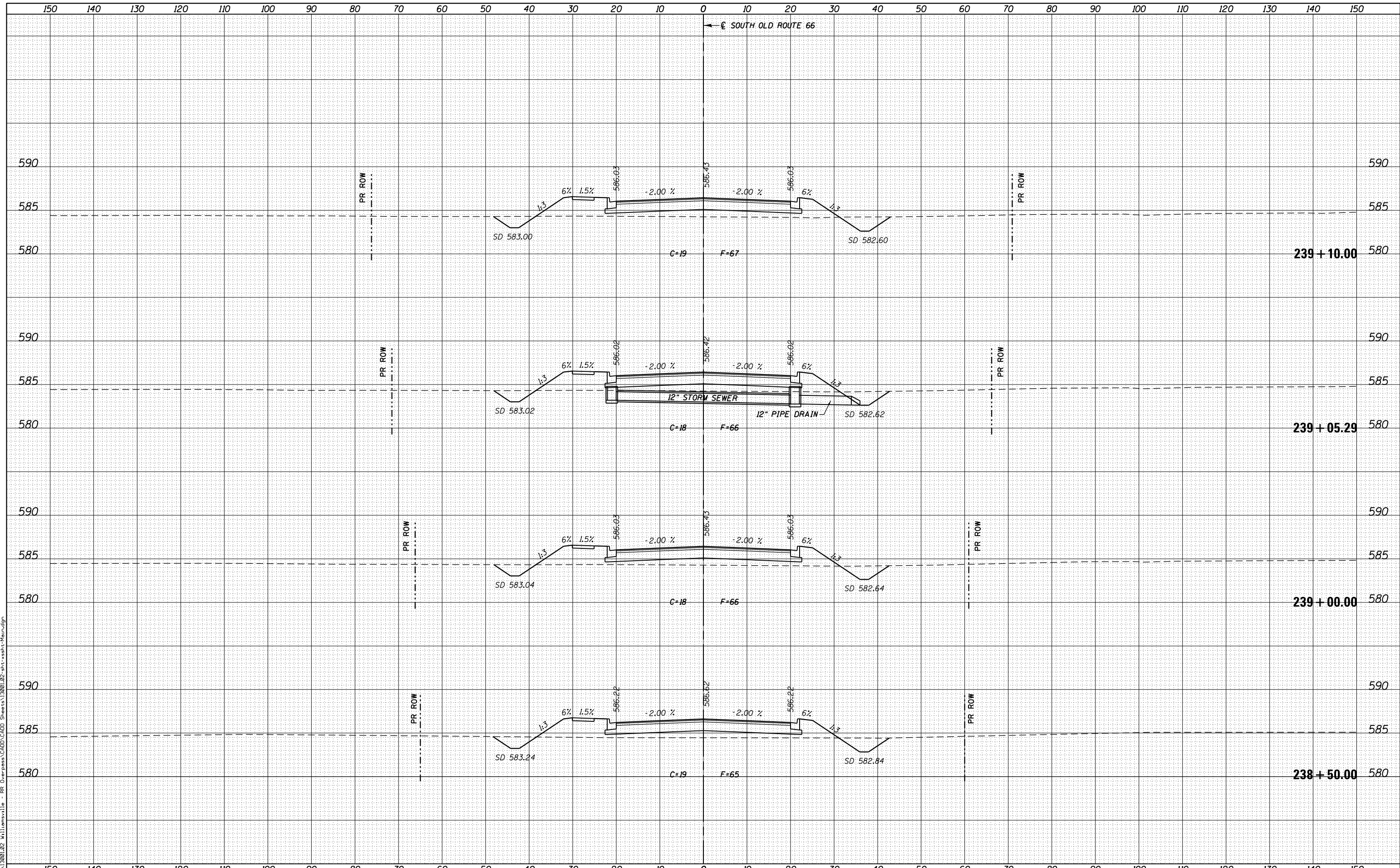
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SCALE: 10H:5V	SHEET 29	OF 31 SHEETS	STA. 236+50.00 TO STA. 238+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	101
			CONTRACT NO. 93679	
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	
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PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

**VILLAGE OF WILLIAMSVILLE  
OAK STREET OVERPASS**

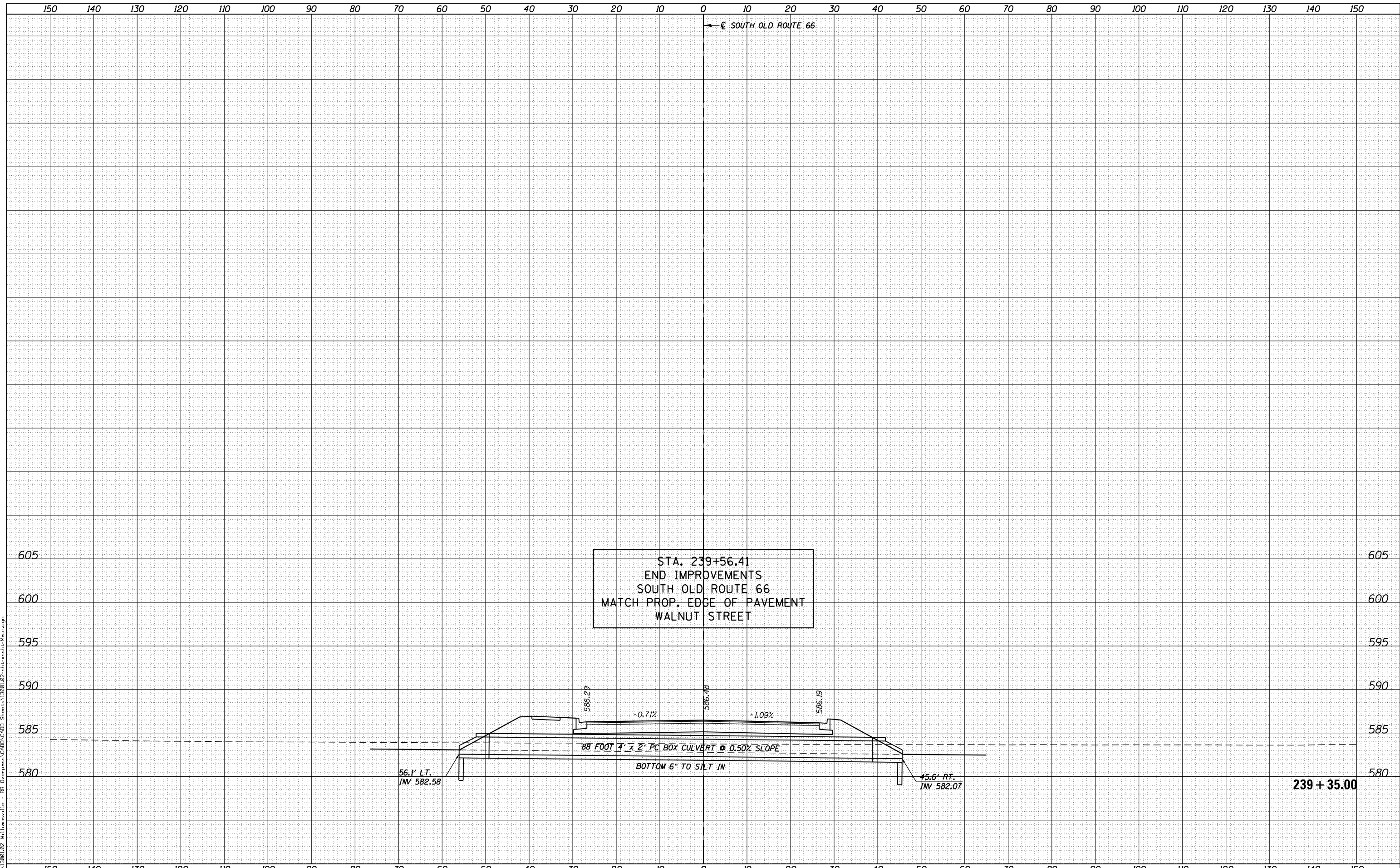
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SCALE: 10H:5V	SHEET 30	OF 31 SHEETS	STA. 238+50.00 TO STA. 239+10.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	102
			CONTRACT NO. 93679	
ILLINOIS FED. AID PROJECT				

DATE	
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**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

**CROSS SECTIONS  
 SOUTH OLD ROUTE 66**

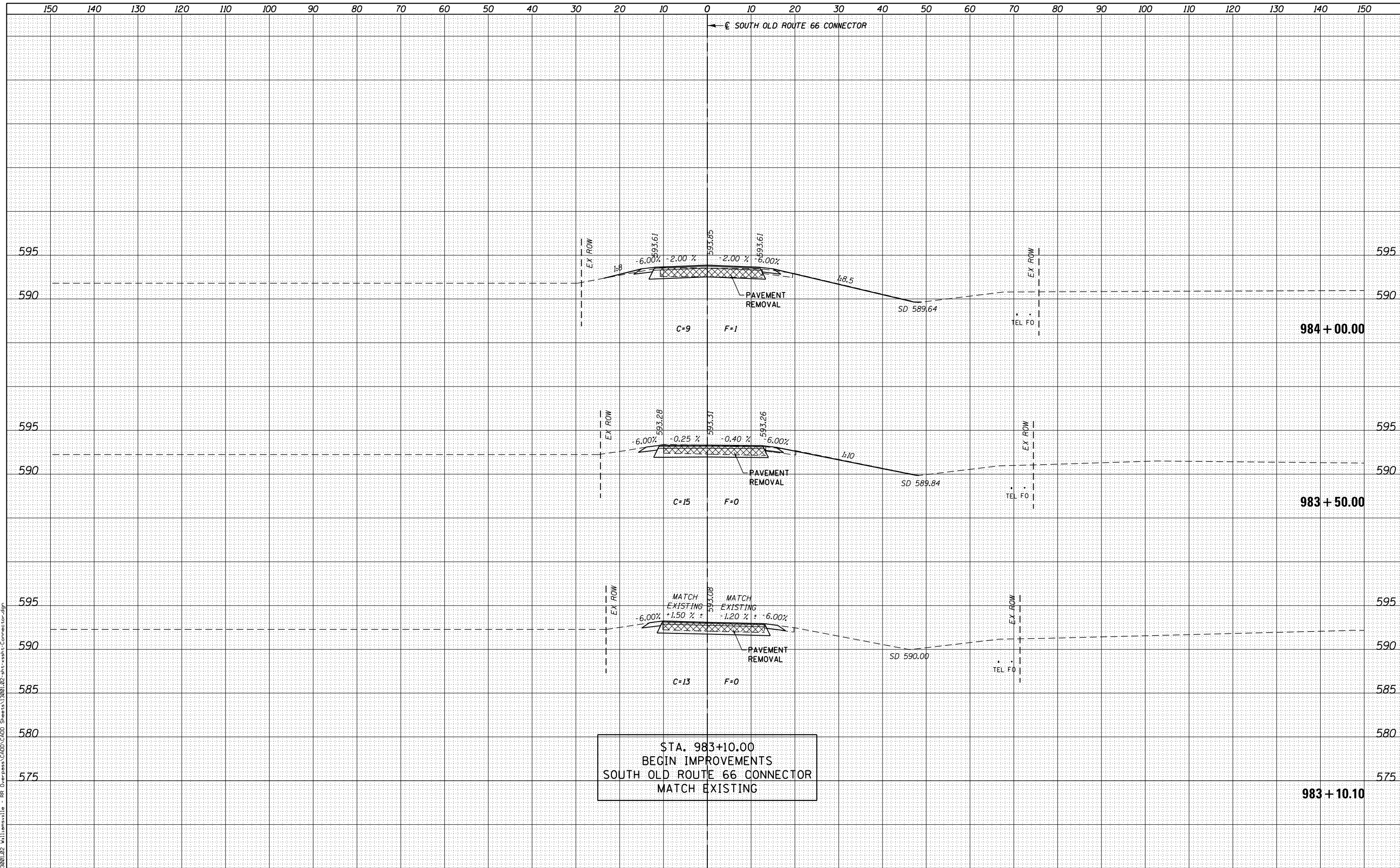
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	103
			CONTRACT NO. 93679	
ILLINOIS FED. AID PROJECT				

DATE	
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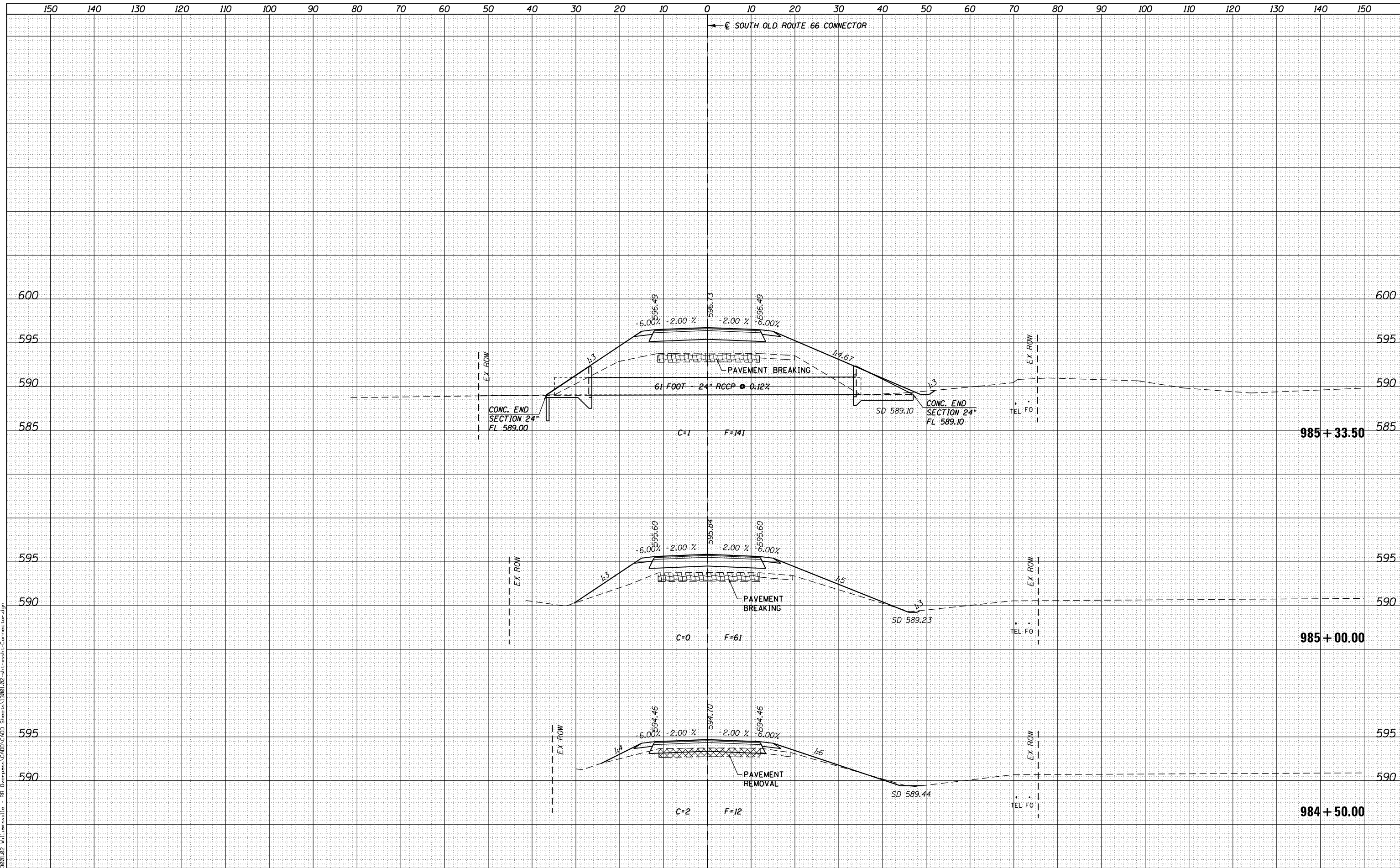




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**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

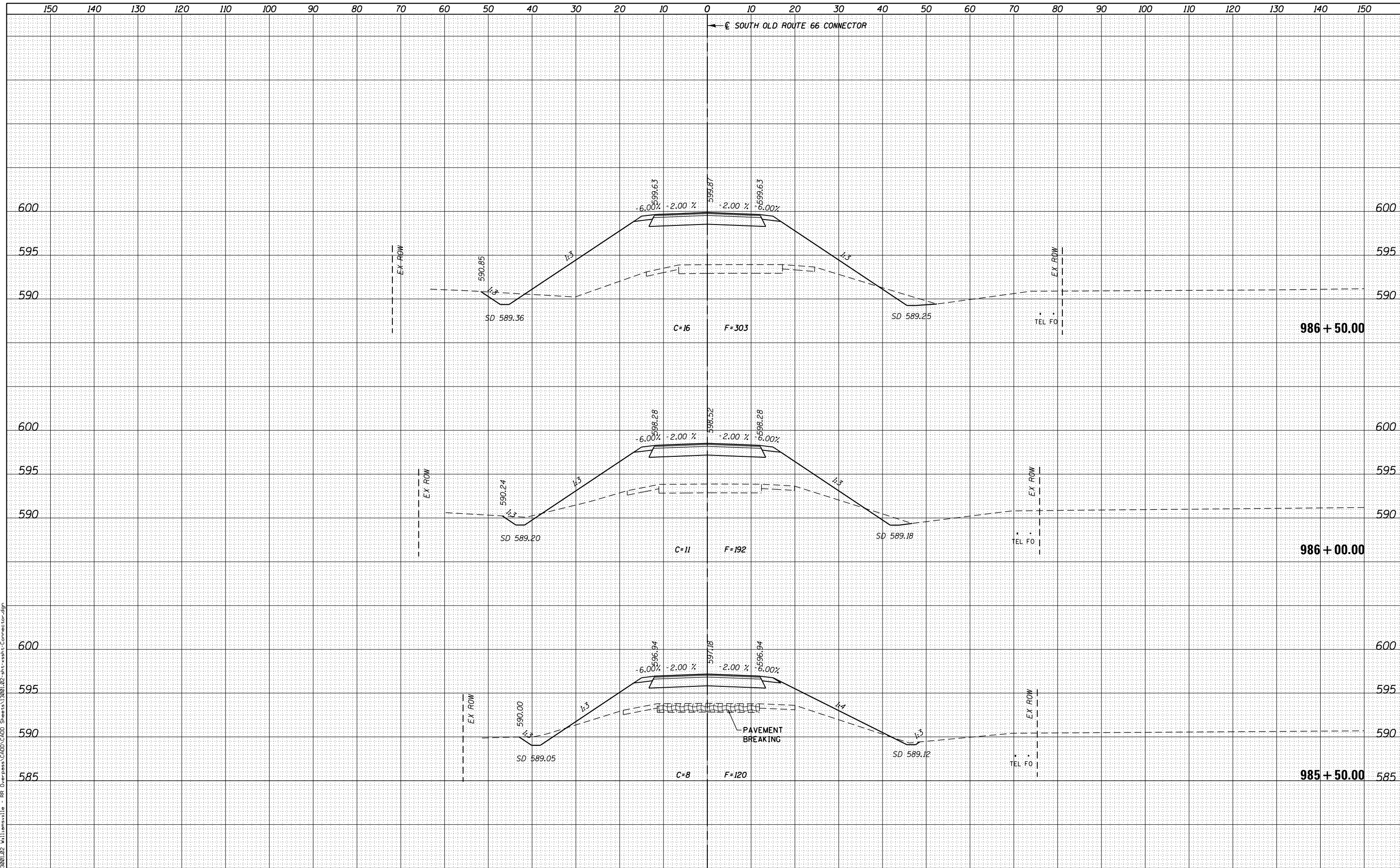
<b>CROSS SECTIONS</b>			
<b>SOUTH OLD ROUTE 66 CONNECTOR</b>			
SCALE: 10H:5V	SHEET 2	OF 6 SHEETS	STA. 984+50.00 TO STA. 985+33.50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	105
			CONTRACT NO. 93679	
ILLINOIS FED. AID PROJECT				

DATE	
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**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

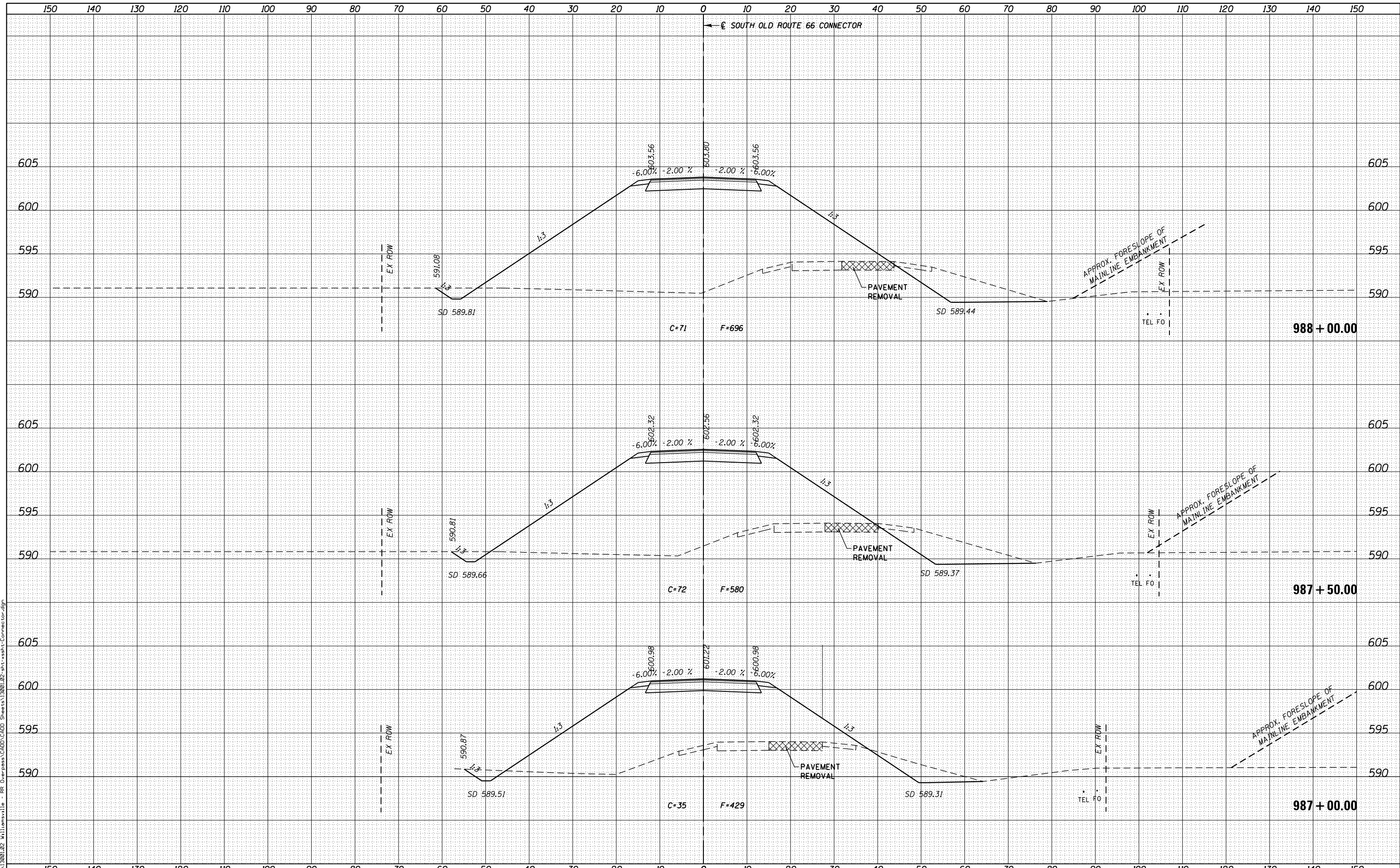
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SOUTH OLD ROUTE 66 CONNECTOR			
SCALE: 10H:5V	SHEET 3	OF 6 SHEETS	STA. 985+50.00 TO STA. 986+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	106
				CONTRACT NO. 93679
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	
NOTE BOOK	
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AREAS CHECKED	
ORIGINAL SURVEY	
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**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

CROSS SECTIONS			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
	12-00008-00-BR	SANGAMON	118
			107
CONTRACT NO. 93679			
SCALE: 10H:5V	SHEET 4	OF 6 SHEETS	STA. 987+00.00 TO STA. 988+00.00

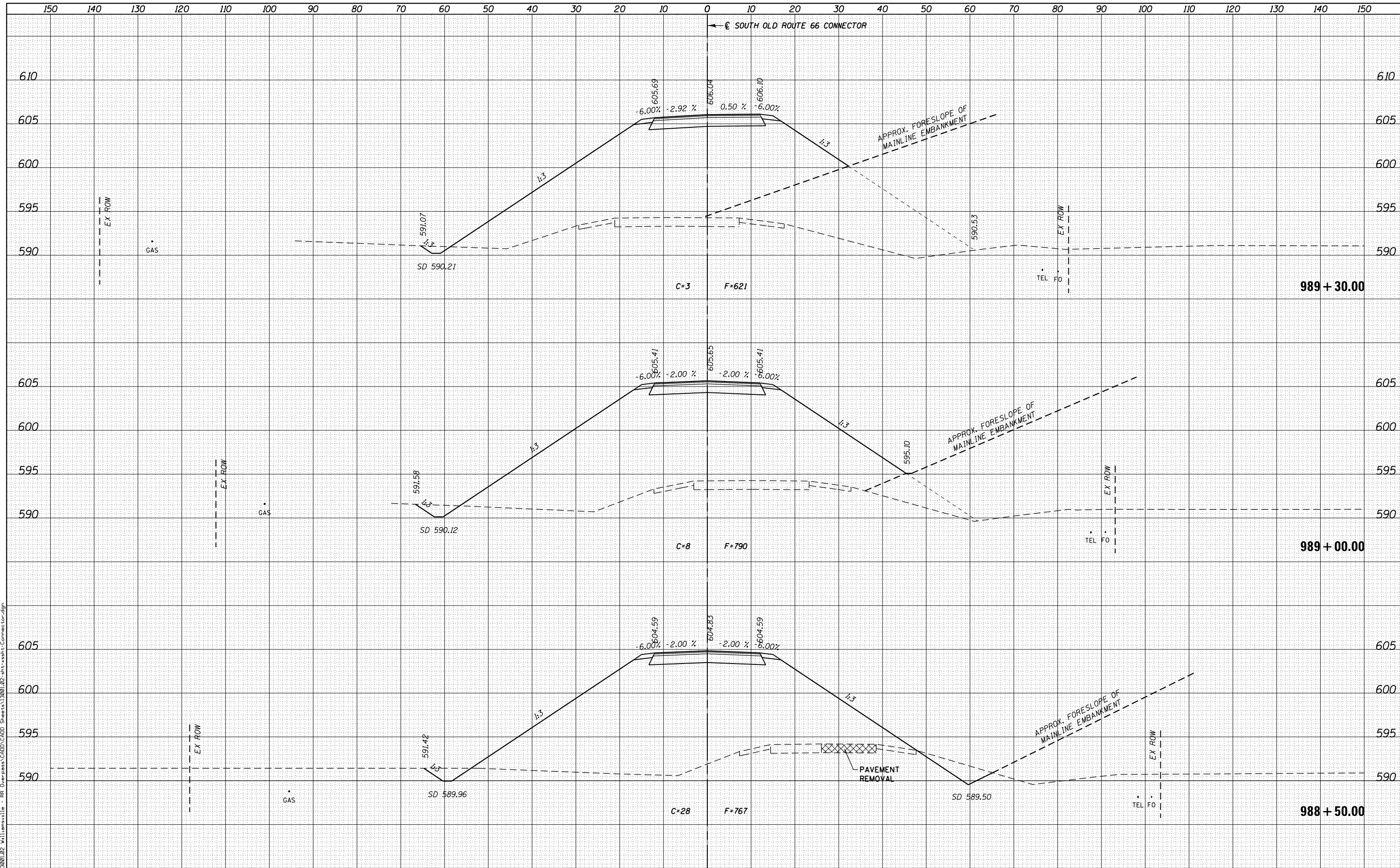
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FINAL SURVEY	
NOTE BOOK	
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PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

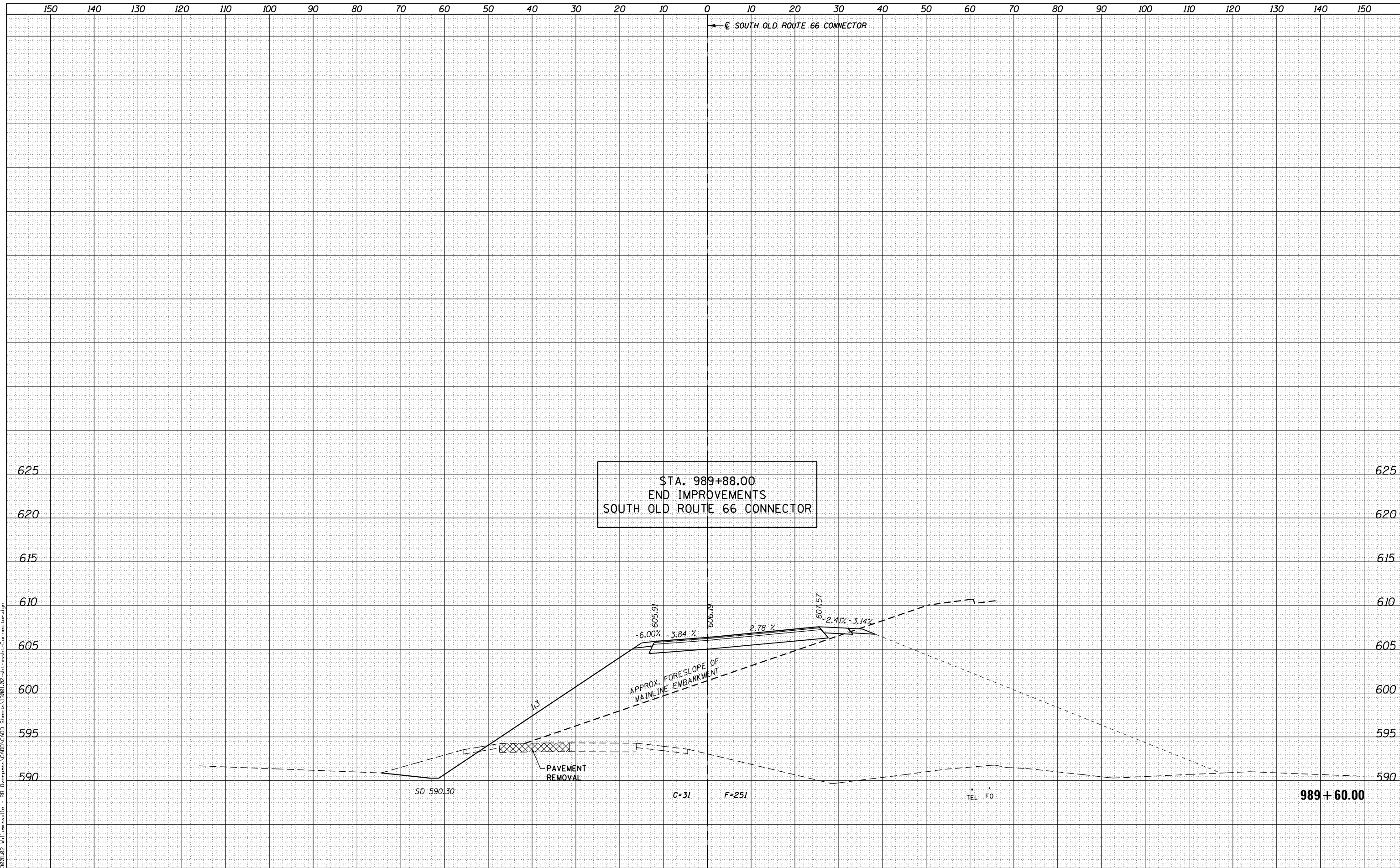
**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

CROSS SECTIONS			
SOUTH OLD ROUTE 66 CONNECTOR			
SCALE: 10H:5V	SHEET 5	OF 6 SHEETS	STA. 988+50.00 TO STA. 989+30.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	108
				CONTRACT NO. 93679
ILLINOIS FED. AID PROJECT				

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
AREAS	
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DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
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TEMPLATE	
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**KT**  
**KUHN & TRELLO**  
 CONSULTING ENGINEERS  
 A Limited Liability Company  
 209 N. 7th Street, 3rd Floor  
 Springfield, IL 62703  
 Phone: 217-876-2044  
 Professional Design Firm No. 184-006526

USER NAME = msutheard	DESIGNED - MDS	REVISED -
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PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

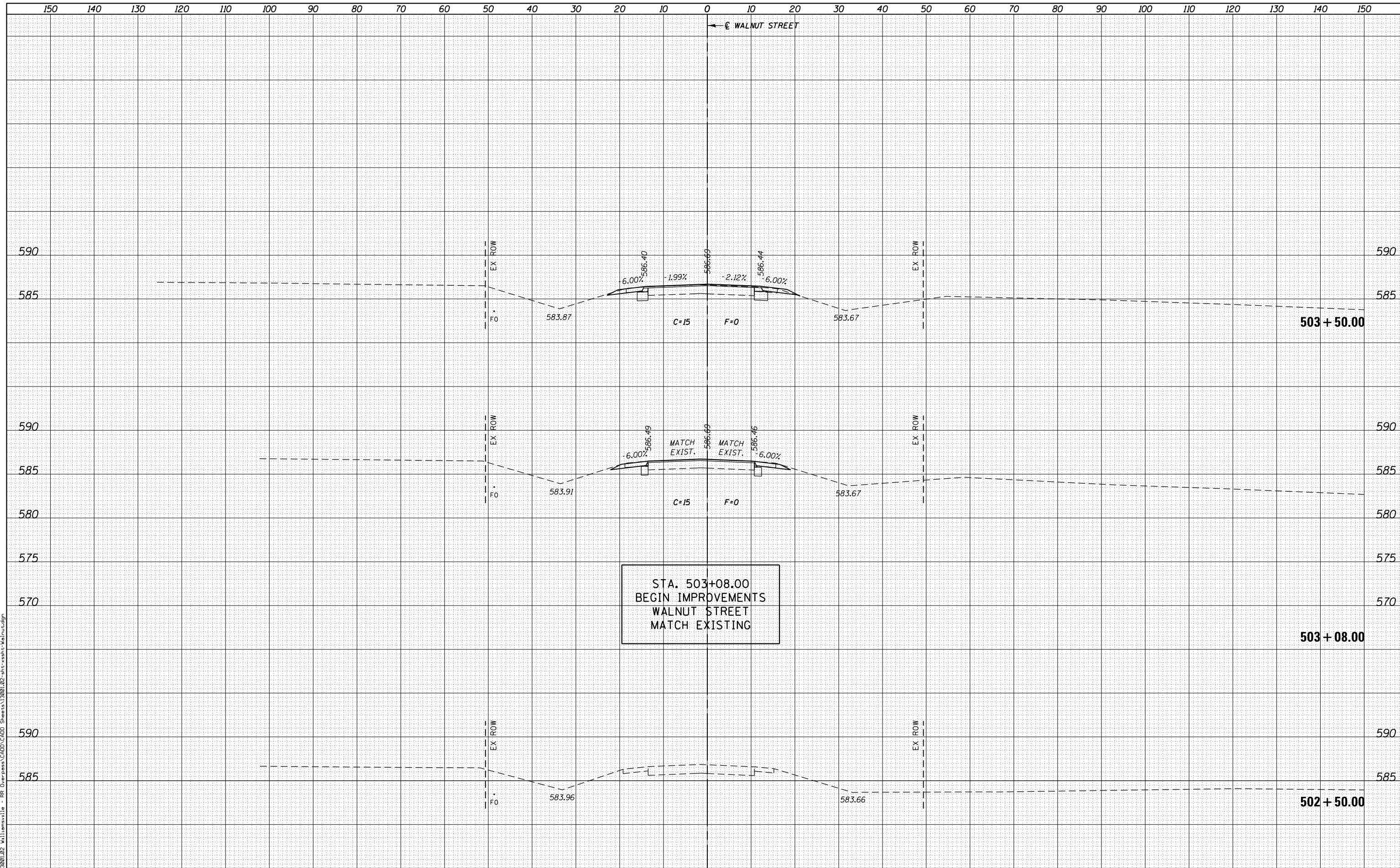
CROSS SECTIONS			
SOUTH OLD ROUTE 66 CONNECTOR			
SCALE: 10H:5V	SHEET 6	OF 6 SHEETS	STA. 989+60.00 TO STA. 989+60.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	109
				CONTRACT NO. 93679
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
AREAS CHECKED	

PLOT DRIVER = PDFJLT7, Williamsville, Overpass.dwg  
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**KT**  
**KUHN & TRELLO**  
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 A Limited Liability Company  
 630 E. Washington Street  
 Springfield, IL 62703  
 Phone: 217-576-2044  
 Professional Design Firm No. 184-006526

USER NAME = msutheard	DESIGNED - MDS	REVISED -
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PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

**CROSS SECTIONS  
 WALNUT STREET**

SCALE: 10H:5V    SHEET 1 OF 9 SHEETS    STA. 502+50.00 TO STA. 503+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	110
			CONTRACT NO. 93679	
ILLINOIS FED. AID PROJECT				



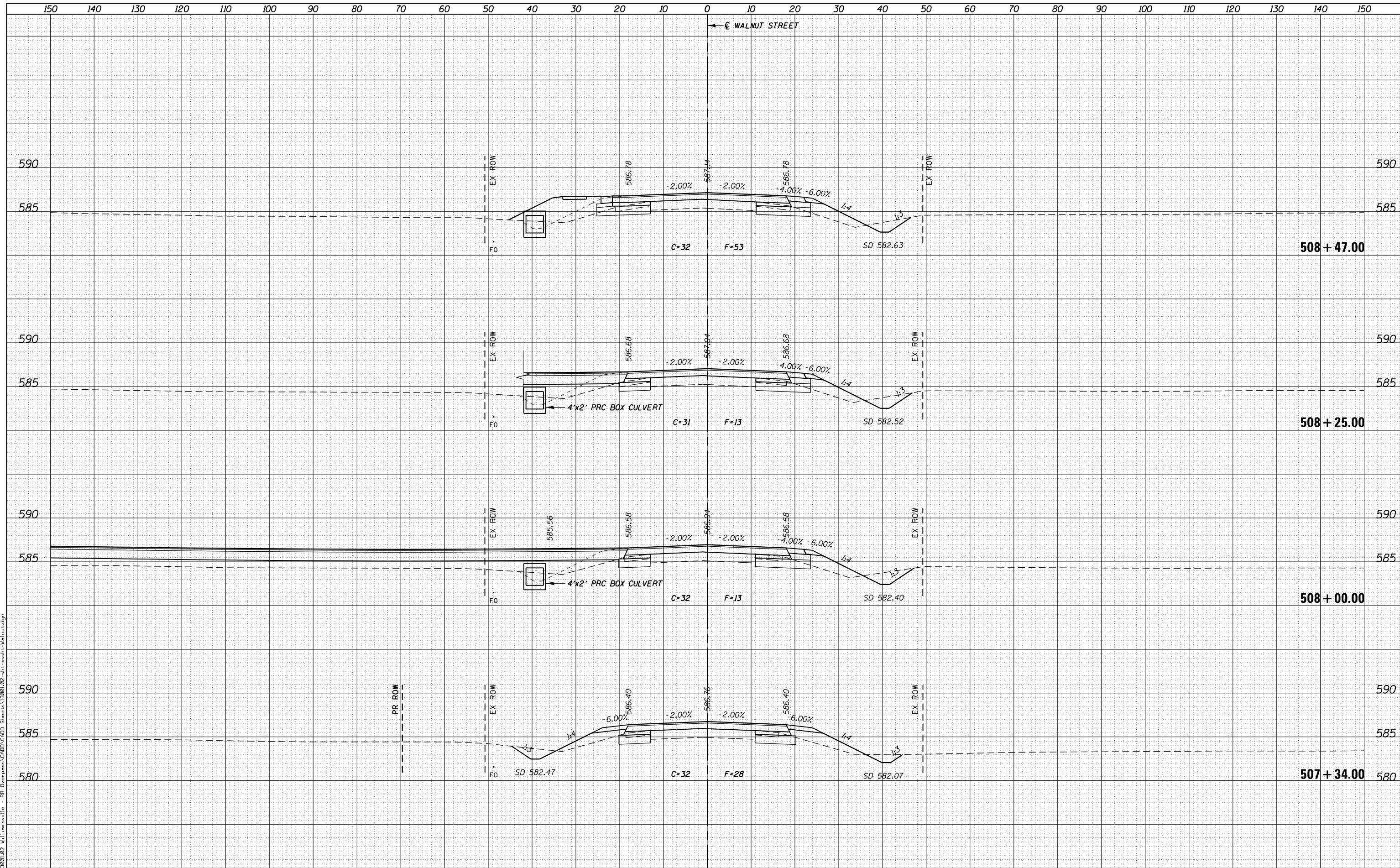




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ORIGINAL SURVEY	
SURVEYED	
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TEMPLATE	
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 FILE NAME = J:\13001.02\_Milliamsville - Rd Overpass\CADD Sheets\13001.02-sht-wsht-Walnut.dgn



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 Professional Design Firm No. 184-006526

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PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

**CROSS SECTIONS  
 WALNUT STREET**

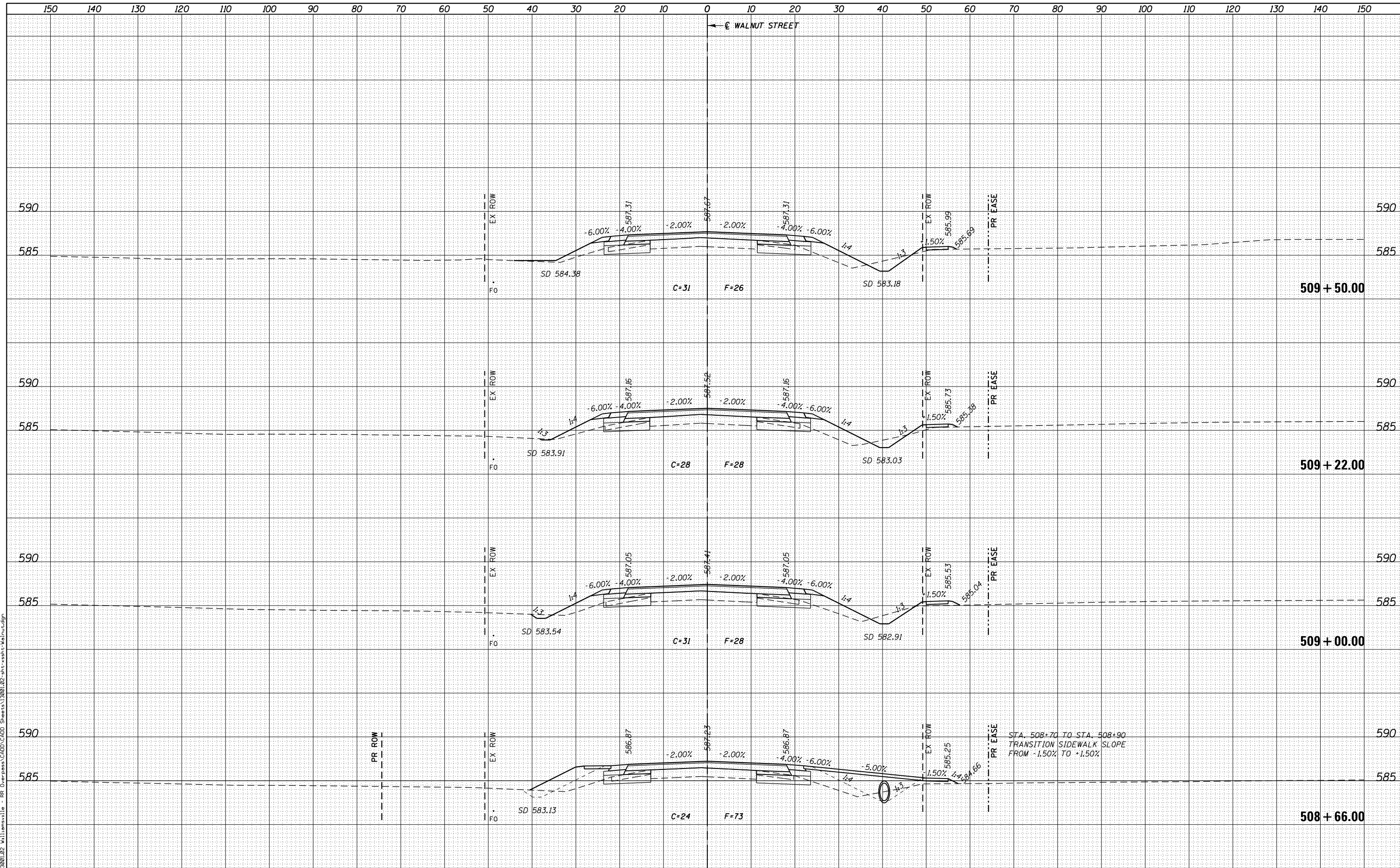
SCALE: 10H:5V    SHEET 4    OF 9 SHEETS    STA. 507+34.00    TO STA. 508+47.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	113
			CONTRACT NO. 93679	
ILLINOIS FED. AID PROJECT				

DATE	
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ORIGINAL SURVEY	
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TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	
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TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	
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PLOT DRIVER = PDFJ117, Williamsville, Overpass.dwg  
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 Springfield, IL 62703  
 Phone: 217-876-2044  
 Professional Design Firm No. 184-006526

USER NAME = msutheard	DESIGNED - MDS	REVISED -
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PLOT SCALE = 20.0000' / in.	CHECKED - CMM	REVISED -
PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

**VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS**

**CROSS SECTIONS  
 WALNUT STREET**

SCALE: 10H:5V SHEET 5 OF 9 SHEETS STA. 508+66.00 TO STA. 509+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	114
			CONTRACT NO. 93679	
ILLINOIS FED. AID PROJECT				





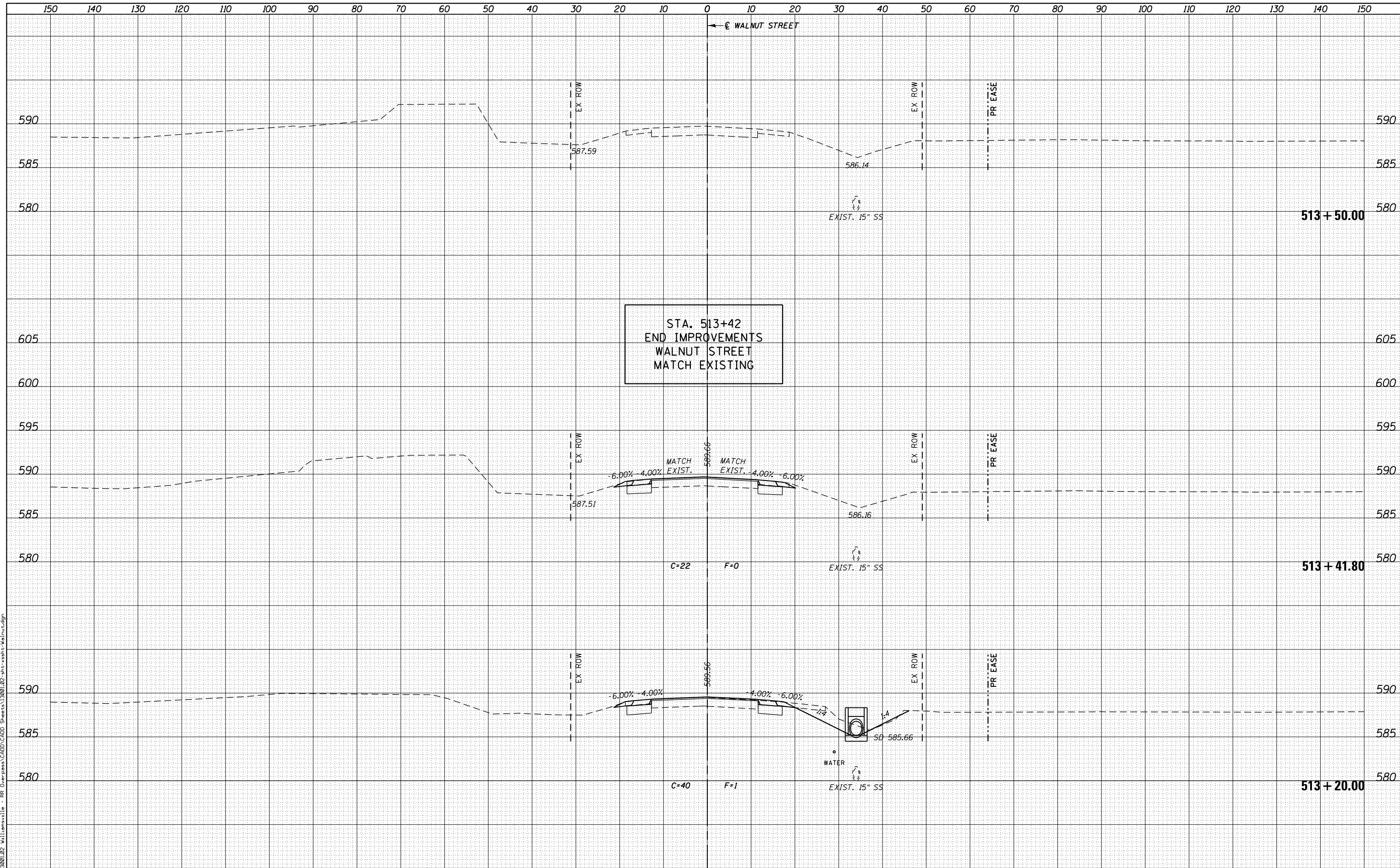




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BY	
ORIGINAL SURVEY	
SURVEYED	
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TEMPLATE	
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CHECKED	
FINAL SURVEY	
NOTE BOOK	
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ORIGINAL SURVEY	
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PLOT DRIVER = PDFJ117, Williamsville, Overpass.dwg  
 FILE NAME = J:\13001.02, Williamsville - Rd Overpass\CADD Sheets\13001.02-sht-wsht-Walnut.dgn



STA. 513+42  
 END IMPROVEMENTS  
 WALNUT STREET  
 MATCH EXISTING

VILLAGE OF WILLIAMSVILLE  
 OAK STREET OVERPASS

CROSS SECTIONS  
 WALNUT STREET

USER NAME = msutheard	DESIGNED - MDS	REVISED -
FILE NAME = 13001.02-sht-wsht-Walnut.dgn	DRAWN - MDS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - CMM	REVISED -
PLOT DATE = 3/9/2018	DATE - 11/24/15	REVISED -

SCALE: 10H:5V SHEET 9 OF 9 SHEETS STA. 513+20.00 TO STA. 513+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-BR	SANGAMON	118	118
			CONTRACT NO. 93679	

ILLINOIS FED. AID PROJECT

