

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	1
		ILLINOIS	CONTRACT NO. 72F40	

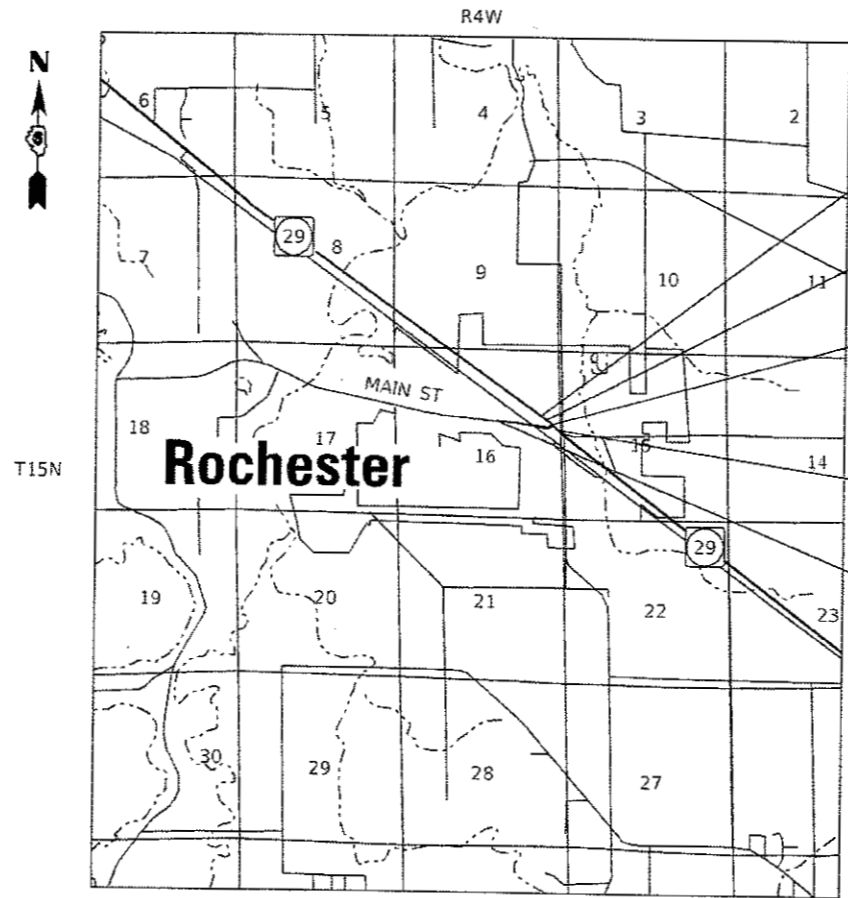
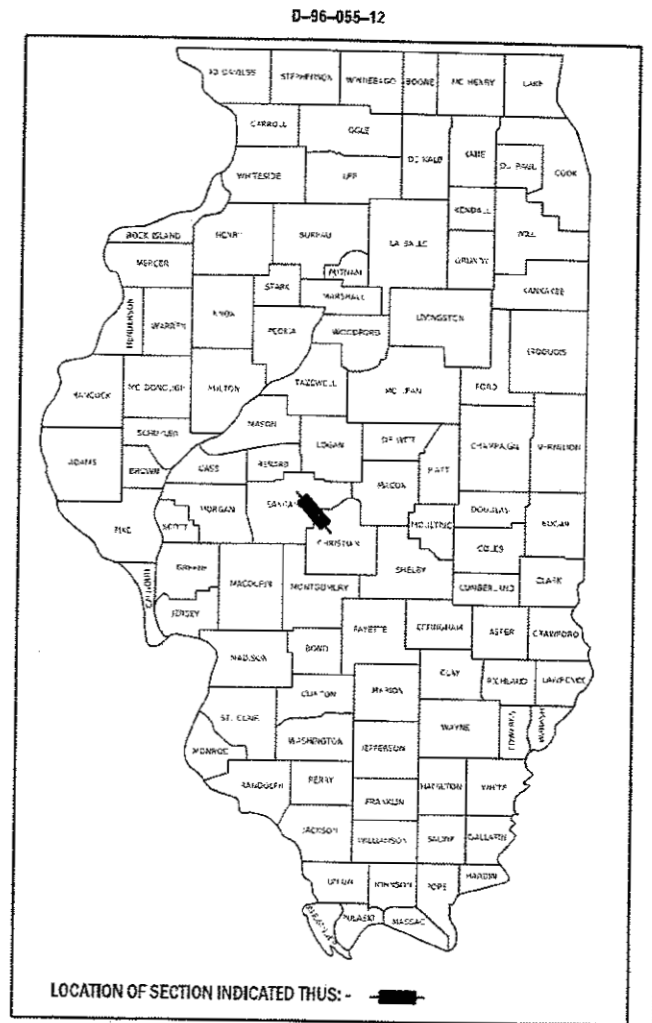
FOR INDEX OF SHEETS, SEE SHEET 2

HIGHWAY STANDARDS, SEE SHEET 2

PROPOSED HIGHWAY PLANS

FAP ROUTE 75 (IL 29)
SECTION (6)I-2
PROJECT NHPP-55W7(525)
INTERSECTION IMPROVEMENT
SANGAMON COUNTY

C-96-055-12



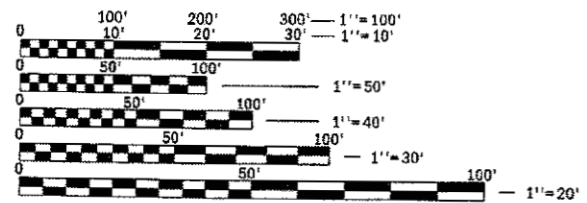
IL 29
PROJECT BEGINS
STA 233+33.70
EQN STA 234+97.80 BK
STA 0+00.00 AH

IL 29 STA 3+31.89 =
MAIN ST STA 0+00.00

IL 29
PROJECT ENDS
STA 4+10.81

MAIN ST
PROJECT ENDS
STA 4+04.62

IL 29	MAIN ST
ADT = 13,000 (2015)	ADT = 3,600 (2012)
SU = 6.73%	SU = 3.75%
MU = 5.77%	MU = 1.11%



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

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

PROJECT ENGINEER: KEITH DONOVAN (217) 782-4761
PROJECT MANAGER: JARED MARTIN (217) 524-0064

CONTRACT NO. 72F40

GROSS LENGTH = 574.91 FT = 0.109 MILE
NET LENGTH = 574.91 FT = 0.109 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED February 5, 2018
Jeffrey M. Southerton
REGIONAL ENGINEER

March 23, 2018
acting
ENGINEER OF DESIGN AND ENVIRONMENT

March 23, 2018
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

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- 602601-05 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-02 MANHOLE STEPS
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- 606001-07 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
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- 701101-05 OFF-RD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
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RATES OF APPLICATION TABLES

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES.

BITUMINOUS MATERIALS (PRIME COAT) ON AGGREGATE BASES: 0.25 LBS / SQ FT
 BITUMINOUS MATERIALS (TACK COAT) ON MILLED SURFACE: 0.05 LBS / SQ FT
 BITUMINOUS MATERIALS (TACK COAT) BETWEEN HMA LIFTS: 0.025 LBS / SQ FT
 HOT-MIX ASPHALT BINDER: 112 LBS / SQ YD / IN
 HOT-MIX ASPHALT SURFACE: 112 LBS / SQ YD / IN
 AGGREGATE MATERIALS: 2.05 TON / CU YD

Location(s):	IL 29 & MAIN STREET
Mixture Use(s):	HMA SURFACE
PG:	PG SBS 70-22
Design Air Voids:	4.0% @ N70
Mixture Composition:	IL 9.5
Friction Aggregate:	MIX "D"
Quality Management:	QC/QA
Sublot Size:	N/A

COMMITMENTS

THE FIELD/RESIDENT ENGINEER SHALL CONTACT STUDIES AND PLANS COVERING ANY MAJOR PLAN CHANGES TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN, AND TO ALLOW IMPROVED DESIGN FOR THE FUTURE.

MIX REQUIREMENTS

Location(s):	MAIN STREET
Mixture Use(s):	LEVELING BINDER
PG:	PG 64-22
Design Air Voids:	4.0% @ N50
Mixture Composition:	IL 9.5
Friction Aggregate:	N/A
Quality Management:	QC/QA
Sublot Size:	N/A

Location(s):	WIDENING FOR TURNING LANE
Mixture Use(s):	HMA BINDER
PG:	PG 64-22
Design Air Voids:	4.0% @ N50
Mixture Composition:	IL 19.0
Friction Aggregate:	N/A
Quality Management:	QC/QA
Sublot Size:	N/A

SIGNATURES

DISTRICT SIX

EXAMINED January 24th 20 18
John C. W. [Signature]
 OPERATIONS ENGINEER

EXAMINED January 29 20 18
Susan J. [Signature]
 PROJECT IMPLEMENTATION ENGINEER

EXAMINED January 26 20 18
Jerry P. [Signature]
 PROGRAM DEVELOPMENT ENGINEER

MODEL: D:\dbat\... FILE NAME: p:\v\1\08\EBID\INTEG... PROJECT: 06\Project\06721\06\CAD\06\at\CAD\Sheet\06721\06.dwg

USER NAME = whelanbj	DESIGNED - _____	REVISED - _____
PLOT SCALE = 2.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 2/5/2018	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, MIX REQ. &
SIGNATURE BLOCK**

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE. 75	SECTION (6)I-2	COUNTY SANGAMON	TOTAL SHEETS 52	SHEET NO. 2
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 72F40				

GENERAL NOTES

- ANY REFERENCE TO A STANDARD IN THE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS SHOWN IN THE HIGHWAY STANDARDS LIST, OR THE COPY OF THE STANDARD INCLUDED IN THE PLANS.
- UNLESS NOTED OTHERWISE, STATIONS AND OFFSETS REFER TO CENTERLINE OF PROJECT.
- IN ADDITION TO FIELD SURVEYS AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATIONS DUE TO A CHANGE IN THE SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON U.S.G.S. MEAN SEA LEVEL DATUM.
- ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES AND SIDE ROADS DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.
- ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.
- CONTRACTOR SHALL PROVIDE ADEQUATE DRAINAGE AND EROSION PROTECTION FOR THE DURATION OF THIS PROJECT.
- THE CONTRACTOR SHALL NOTIFY THE DISTRICT 6 BUREAU OF OPERATIONS AT (217) 785-5312 THREE WEEKS PRIOR TO IMPLEMENTING ANY TRAFFIC CONTROL.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE TRAFFIC CONTROL DEVICES AT ALL TIMES DURING CONSTRUCTION ACTIVITIES AND SHALL COORDINATE THE ITEMS OF WORK IN ORDER TO KEEP HAZARD TRAFFIC INCONVENIENCES TO A MINIMUM.
- NO WORK SHALL COMMENCE UNTIL ALL TRAFFIC CONTROL REQUIREMENTS ARE MET.
- THE DISTRICT 6 BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS (PH: 217-785-5312).
- ALL TEMPORARY PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- THE CONTRACTOR SHALL KEEP PUBLIC STREET PAVEMENTS CLEAN OF DIRT AND DEBRIS.
- EMERGENCY VEHICLE ACCESS MUST BE MAINTAINED DURING CONSTRUCTION.
- THE COST OF REMOVAL OF ANY EXISTING OBSTRUCTIONS THAT INTERFERE WITH THE CONSTRUCTION WILL BE CONSIDERED INCLUDED WITH THE UNIT BID PRICE FOR EARTH EXCAVATION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE GRADING AND SHAPING OF THE DITCHES SHALL BE DONE IN SUCH A MANNER TO ESTABLISH POSITIVE FLOW BETWEEN DRAINAGE STRUCTURES, OR BETWEEN THE EXISTING ELEVATION AT THE UPSTREAM END OF THE GRADING TO THE DOWNSTREAM DRAINAGE STRUCTURE.
- GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL AREAS DISTURBED BY THE CONTRACTOR SHALL BE SEEDED AS DIRECTED BY THE ENGINEER. DISTURBED AREAS OUTSIDE OF THE CONSTRUCTION LIMITS SHOWN ON THE CONTRACT PLANS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE. SEEDING, CLASS 2 SHALL BE USED ON AREAS FLATTER THAN 3:1, SEEDING CLASS 3 SHALL BE USED ON AREAS 3:1 AND STEEPER.
- IF THE CONTRACTOR, FOR HIS CONSTRUCTION ACTIVITY, REMOVES TREES WITHIN THE RIGHT-OF-WAY LIMITS WHICH ARE NOT DESIGNATED ON THE PLANS FOR REMOVAL, I.E. IN ORDER TO GAIN ACCESS TO THE PROJECT SITE; IT WILL BE HIS RESPONSIBILITY TO REPLACE THE TREES AT A 1:1 RATIO. THE TREES WILL BE REPLACED WITH A 1 GALLON NATIVE ILLINOIS TREE SPECIES AND SHALL BE APPROVED BY THE ENGINEER. THE TREE REMOVAL AND TREE REPLACEMENT WILL BE AT THE CONTRACTOR'S EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE THICKNESS OF BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATION OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- FULL DEPTH SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS.
- THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE.
- THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.
- SIDEWALK HANDICAPPED RAMPS SHALL NOT BE CONSTRUCTED DIRECTLY OVER EXISTING OR PROPOSED DRAINAGE STRUCTURES.
- STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FT. AND THE WATER MAIN INVERT IS LESS THAN 1.5 FT. ABOVE THE STORM SEWER CROWN.
- STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE THE WATER MAIN CROSSES BELOW THE SEWER, REGARDLESS OF VERTICAL SEPARATION OR WHERE THE BOTTOM OF THE WATER MAIN IS LESS THAN 1.5 FT. ABOVE THE TOP OF THE SEWER.
- IN ACCORDANCE WITH SECTION 550 OF THE STANDARD SPECIFICATIONS, THE CONNECTING OF EXISTING DRAIN TILES, PIPE, CULVERTS, OR STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM STRUCTURES WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE PAY ITEMS INVOLVED.
- LOCATIONS OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 10 FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITION SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- ALL DRAINAGE STRUCTURES SHALL BE FREE OF SILT, DEBRIS, OR OTHER SUCH OBSTRUCTIONS AT THE TIME OF FINAL INSPECTION. THE CLEANING OF THESE DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE VARIOUS PAY ITEMS INVOLVED.
- ALL SIGNS SHALL HAVE A PRELIMINARY LAYOUT. SIGN POSTS SHALL BE ADJUSTED SO AS TO MISS ANY SHOULDER DRAINS, INLETS, PIPE CULVERTS, STORM SEWER OR ANY OTHER HAZARD THAT MAY INTERFERE WITH CONSTRUCTION.
- TREES THREE (3) INCHES OR GREATER IN DIAMETER SHALL NOT BE CLEARED BETWEEN APRIL 1 AND SEPTEMBER 30.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	3
CONTRACT NO. 72F40				
ILLINOIS		FED. AID PROJECT		

PPS NO.	
6-60085-0000	
80 % FED	80% FED
20% STATE	10% STATE
	10% LOCAL
ROADWAY	SAFETY
0004	0021
URBAN	URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	PPS NO.	
				ROADWAY 0004 URBAN	SAFETY 0021 URBAN
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	499	499	0
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	42	42	0
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	5	5	0
20200100	EARTH EXCAVATION	CU YD	1,816	1,816	0
20800150	TRENCH BACKFILL	CU YD	17	17	0
25000200	SEEDING, CLASS 2	ACRE	0.50	0.50	0
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	47	47	0
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	47	47	0
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	47	47	0
25000700	AGRICULTURAL GROUND LIMESTONE	TON	1	1	0
25100125	MULCH, METHOD 3	ACRE	0.50	0.50	0
28000305	TEMPORARY DITCH CHECKS	FOOT	115	115	0
28000500	INLET AND PIPE PROTECTION	EACH	5	5	0
31100700	SUBBASE GRANULAR MATERIAL, TYPE A 8"	SQ YD	1,513	1,513	0

PPS NO.	
6-60085-0000	
80 % FED	80% FED
20% STATE	10% STATE
	10% LOCAL
ROADWAY	SAFETY
0004	0021
URBAN	URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	PPS NO.	
				ROADWAY 0004 URBAN	SAFETY 0021 URBAN
35300400	PORTLAND CEMENT CONCRETE BASE COURSE 9"	SQ YD	1,318	1,318	0
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	71	71	0
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1,988	1,988	0
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	119	119	0
40600990	TEMPORARY RAMP	SQ YD	129	129	0
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	165	165	0
40603540	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	365	365	0
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	65	65	0
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	3,967	3,967	0
42400800	DETECTABLE WARNINGS	SQ FT	120	120	0
44000100	PAVEMENT REMOVAL	SQ YD	33	33	0
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	767	767	0
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	109	109	0
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,178	1,178	0

* - DENOTES A SPECIALTY ITEM

NCSEL: D:\draft...
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 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 2/5/2018

USER NAME = cdxz	DESIGNED -	REVISED -
DRAWN -	CHECKED -	REVISOR -
DATE -		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES		
FAP 75 (IL 29)		
SCALE:	SHEET 1 OF 5 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)-2	SANGAMON	52	4
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				

MODEL: D:\dwg\...
 FILE NAME: ...
 PLOT SCALE = 100,0000' / in.
 PLOT DATE = 2/5/2018

PPS NO.	
6-60085-0000	
80 % FED	80% FED
20% STATE	10% STATE
	10% LOCAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY		SAFETY	
				0004 URBAN	0021 URBAN	0004 URBAN	0021 URBAN
44000600	SIDEWALK REMOVAL	SQ FT	2,106	2,106		0	
50105220	PIPE CULVERT REMOVAL	FOOT	43	43		0	
50800105	REINFORCEMENT BARS	POUND	58	58		0	
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	3	3		0	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2		0	
54248510	CONCRETE COLLAR	CU YD	2	2		0	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	33	33		0	
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	108	108		0	
55100500	STORM SEWER REMOVAL 12"	FOOT	56	56		0	
55100700	STORM SEWER REMOVAL 15"	FOOT	12	12		0	
55101200	STORM SEWER REMOVAL 24"	FOOT	34	34		0	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2		0	
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	2	2		0	
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	2	2		0	

PPS NO.	
6-60085-0000	
80 % FED	80% FED
20% STATE	10% STATE
	10% LOCAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY		SAFETY	
				0004 URBAN	0021 URBAN	0004 URBAN	0021 URBAN
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	2	2		0	
60500060	REMOVING INLETS	EACH	4	4		0	
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	43	43		0	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1,200	1,200		0	
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	348	348		0	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	180	180		0	
* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1		0	
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1		0	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6		0	
67100100	MOBILIZATION	LSUM	1	1		0	
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	LSUM	1	1		0	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1		0	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1		0	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1		0	

* - DENOTES A SPECIALTY ITEM

USER NAME = c0xte PLOT SCALE = 100,0000' / in. PLOT DATE = 2/5/2018	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES FAP 75 (IL 29)	F.A.P. RTE. 75 SECTION (6)I-2 COUNTY SANGAMON TOTAL SHEETS 52 SHEET NO. 5 CONTRACT NO. 72F40 ILLINOIS FED. AID PROJECT
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14

14

PPS NO.	
6-60085-0000	
80 % FED	80% FED
20% STATE	10% STATE
	10% LOCAL

PPS NO.	
6-60085-0000	
80 % FED	80% FED
20% STATE	10% STATE
	10% LOCAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY SAFETY	
				0004 URBAN	0021 URBAN
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	30	30	0
70300100	SHORT TERM PAVEMENT MARKING	FOOT	74	74	0
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	24	24	0
* 72000100	SIGN PANEL - TYPE 1	SQ FT	4	4	0
* 72000200	SIGN PANEL - TYPE -2	SQ FT	79	79	0
* 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	79	79	0
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	6	6	0
* 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	3	3	0
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	30	30	0
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	152	152	0
* 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	1,884	1,884	0
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	440	440	0
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	242	242	0
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	386	386	0

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY SAFETY	
				0004 URBAN	0021 URBAN
* 78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SQ FT	183	183	0
* 78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	241	241	0
* 78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	44	44	0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	6	6	0
* 78200020	CURB REFLECTORS	EACH	16	16	0
* 80500100	SERVICE INSTALLATION, TYPE A	EACH	1	0	1
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	40	0	40
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	148	0	148
* 81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	233	0	233
* 81028380	UNDERGROUND CONDUIT, PVC, 3 1/2" DIA.	FOOT	81	0	81
* 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	16	0	16
* 81400100	HANDHOLE	EACH	3	0	3
* 81400300	DOUBLE HANDHOLE	EACH	1	0	1
* 81500130	GULFBOX JUNCTION REMOVAL	EACH	6	0	6

* - DENOTES A SPECIALTY ITEM

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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
FAP 75 (IL 29)

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE. 75	SECTION (6)-2	COUNTY SANGAMON	TOTAL SHEETS 52	SHEET NO. 6
CONTRACT NO. 72F40			ILLINOIS FED. AID PROJECT	

PPS NO.	
6-60085-0000	
80 % FED	80% FED
20% STATE	10% STATE
	10% LOCAL

PPS NO.	
6-60085-0000	
80 % FED	80% FED
20% STATE	10% STATE
	10% LOCAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY SAFETY	
				0004 URBAN	0021 URBAN
* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	433	0	433
* 85700300	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1	0	1
* 86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1	0	1
* 86400100	TRANSCEIVER - FIBER OPTIC	EACH	2	0	2
* 87100020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	896	0	896
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	810	0	810
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,814	0	1,814
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	911	0	911
* 87301275	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 12C	FOOT	766	0	766
* 87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	924	0	924
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	37	0	37
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	497	0	497
* 87502700	TRAFFIC SIGNAL POST, ALUMINUM 16. FT.	EACH	4	0	4
* 87602000	PEDESTRIAN PUSH-BUTTON POST	EACH	1	0	1

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY SAFETY	
				0004 URBAN	0021 URBAN
* 87700150	STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	1	0	1
* 87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1	0	1
* 87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1	0	1
* 87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1	0	1
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12	0	12
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5	0	3.5
* 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10	0	10
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	39	0	39
* 88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4	0	4
* 88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4	0	4
* 88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1	0	1
* 88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1	0	1
* 88040280	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2	0	2
* 88040320	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-4 SECTION, 2-5-SECTION, BRACKET MOUNTED	EACH	2	0	2

* - DENOTES A SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
FAP 75 (IL 29)			
SCALE:	SHEET 4	OF 5 SHEETS	STA. TO STA.

F.A.P. RTE. 75	SECTION (6)I-2	COUNTY SANGAMON	TOTAL SHEETS 52	SHEET NO. 7
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	PPS NO.	
				6-60085-0000	
				80 % FED 20% STATE	80% FED 10% STATE 10% LOCAL
				ROADWAY 0004 URBAN	SAFETY 0021 URBAN
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	3	0	3
* 88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER *	EACH	1	0	1
* 88102757	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1	0	1
* 88200510	TRAFFIC SIGNAL BACKPLATE; RETROREFLECTIVE	EACH	20	0	20
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	0	1
* 89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1	0	1
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	779	0	779
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	41	0	41
89502380	REMOVE EXISTING HANDHOLE	EACH	3	0	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1	0	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	11	0	11
* X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	1	0	1
* X0322936	REMOVE EXISTING FLARED END SECTION	EACH	5	5	0
X0327036	BIKE PATH REMOVAL	SQ YD	277	277	0

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	PPS NO.	
				6-60085-0000	
				80 % FED 20% STATE	80% FED 10% STATE 10% LOCAL
				ROADWAY 0004 URBAN	SAFETY 0021 URBAN
* X1400113	LUMINAIRE, LED, HORIZONTAL MOUNT, MEDIUM WATTAGE	EACH	2	0	2
X4401198	HOT-MIX ASPHALT SUREFACE REMOVAL, VARIABLE DEPTH	SQ YD	1,421	1,421	0
X6022230	MANHOLES, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	1	1	0
* X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1	0	1
* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8	0	8
* Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	4	0	4
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1	0
Z0016702	DETOUR SIGNING	LSUM	1	1	0
* Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1	0	1
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	8	8	0

* - DENOTES A SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
FAP 75 (IL 29)**

SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)-2	SANGAMON	52	8
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				

PAVEMENT IMPROVEMENTS										
MILLED HMA OR PCC (TACK COAT) RATE - 0.05 POUNDS/SF			31100700	35300400	40600290	40600625	40603080	40603540	44000157	X4401198
HMA LIFT (TACK COAT) RATE - 0.025 POUNDS/SF			SUBBASE	PCC	BITUMINOUS	LEVELING BINDER	HMA BINDER	POLY HMA	HMA	HMA SURFACE
AGGREGATE BASE COURSE (PRIME COAT) RATE - 0.25 POUNDS/SF			GRANULAR	BASE	MATERIALS	(MACHINE METHOD)	COURSE	SURF COURSE	SURFACE	REMOVAL
BITUMINOUS SURFACE / BINDER (112 LBS) RATE - 0.056 T/SY*IN			MATERIAL	COURSE	(TACK COAT)	N50	IL-19.0, N50	MIX "D",	REMOVAL	VARIABLE
LOCATION			TY A 8"	9"		1 1/2"	2 3/4"	N70, 2"	2"	DEPTH
STATION TO STATION			SQ YD	SQ YD	POUND	TON	TON	TON	SQ YD	SQ YD
IL 29										
STA. 233+33.57	TO STA. 234+97.80		146.2	117.3	161.5	-	12.4	33.5	218.5	-
STA. 0+00.00	TO STA. 2+50.00		437.3	393.1	427.3	-	51.9	99.2	548.5	-
MAIN STREET										
STA. 0+33.00	TO STA. 4+04.62		929.8	807.7	1399.2	119.4	100.4	232.2	-	1,420.9
TOTAL:			1,513	1,318	1,988	119	165	365	767	1,421

60603500 COMBINATION CURB AND GUTTER, TYPE B-6.06	
LOCATION	LENGTH
STATION TO STATION - LT/RT	FOOT
MAIN STREET	
STA. 0+38.00 TO STA. 0+68.59 RT	43.3
TOTAL:	43

BIKE TRAIL AND SIDEWALK IMPROVEMENTS				
AGGREGATE BASE COURSE (PRIME COAT) RATE - 0.25 POUNDS/SF		42400100	42400800	
INCIDENTAL HMA (112 LBS) RATE - 0.056 T/SY*IN		PCC	DETECTABLE	
LOCATION		SIDEWALK	WARNINGS	
STATION TO STATION - LT/RT		4 INCH		
		SQ FT	SQ FT	
IL 29				
STA. 0+50.89	TO STA. 2+76.07 RT	2294.6	20.0	
STA. 2+80.88	TO STA. 2+85.88 LT	24.6	-	
STA. 3+61.15	TO STA. 3+81.48 LT	106.6	16.7	
STA. 3+71.65	TO STA. 3+99.10 RT	235.2	33.1	
MAIN STREET				
STA. 0+35.58	TO STA. 0+58.06 RT	273.6	50	
STA. 0+85.38	TO STA. 2+88.38 RT	882.7	-	
STA. 3+00.11	TO STA. 3+34.79 RT	149.5	-	
TOTAL:		3967	120	

40600990 TEMPORARY RAMP (SQ YD)			
LOCATION		LENGTH	AREA
STATION TO STATION - LT/RT		FT	SQ YD
IL 29			
STA. 233+33.57	TO STA. 233+40.24 RT	6.67	9.7
STA. 3+03.18	TO STA. 3+09.85 RT	6.67	9.4
MAIN STREET			
STA. 0+33.00	TO STA. 0+43.00 RT/LT	10.0	36.4
STA. 3+94.62	TO STA. 4+04.62 RT/LT	10.0	73.4
TOTAL:			129

60605000 COMBINATION CURB AND GUTTER, TYPE B-6.24	
LOCATION	LENGTH
STATION TO STATION - LT/RT	FOOT
IL 29	
STA. 233+33.57 TO STA. 234+97.80 BK RT	164.23
STA. 0+00.00 AH TO STA. 2+02.52 RT	202.52
STA. 2+71.74 TO STA. 3+09.88 RT	39.04
STA. 3+61.15 TO STA. 3+72.07 LT	12.00
MAIN STREET	
STA. 0+33.00 TO STA. 4+04.62 LT	429.03
STA. 0+35.00 TO STA. 0+71.12 RT	34.30
STA. 0+44.98 TO STA. 4+04.62 RT	318.40
TOTAL:	1200

60300305 FRAMES AND LIDS TO BE ADJUSTED			
LOCATION			EACH
STATION	OFFSET	RT/LT	
MAIN STREET			
STA. 1+91.59	7.96	LT	1
STA. 2+88.39	4.45	LT	1
TOTAL:			2

60618300 CONCRETE MEDIAN SURFACE, 4 INCH		
LOCATION		AREA
STATION TO STATION - LT/RT		SQ FT
MAIN STREET		
STA. 0+35.58	TO STA. 0+68.99 RT	348.1
TOTAL:		348

40201000 AGGREGATE FOR TEMPORARY ACCESS		
LOCATION		TON
STATION - RT/LT		
MAIN STREET		
STA. 1+44.04	LT	36.0
STA. 1+98.55	LT	22.1
STA. 2+94.43	RT	13.0
TOTAL:		71

42300400 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH		
LOCATION		AREA
STATION - RT/LT		SQ YD
MAIN STREET		
STA. 1+44.04	LT	27.8
STA. 1+98.55	LT	16.3
STA. 2+94.43	RT	21.2
TOTAL:		65

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES FAP 75 (IL 29)			
SCALE:	SHEET 1	OF 4 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	9
CONTRACT NO. 72F40				
ILLINOIS		FED. AID PROJECT		

20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER) (UNITS)			
LOCATION			UNITS
STATION	OFFSET	RT/LT	
IL 29			
STA. 0+16	69	RT	12
STA. 0+24	61	RT	10
STA. 0+32	66	RT	10
STA. 0+32	66	RT	10
STA. 0+40	60	RT	15
STA. 0+41	75	RT	6
STA. 0+44	73	RT	8
STA. 0+45	76	RT	10
STA. 0+60	79	RT	10
STA. 0+67	80	RT	12
STA. 0+72	62	RT	12
STA. 0+85	71	RT	15
STA. 0+85	71	RT	15
STA. 0+85	71	RT	15
STA. 0+85	71	RT	15
STA. 1+13	106	RT	15
STA. 1+20	111	RT	15
STA. 1+32	102	RT	15
STA. 1+42	109	RT	10
STA. 1+44	112	RT	10
STA. 1+45	108	RT	15
STA. 1+53	107	RT	10
STA. 1+53	107	RT	10
STA. 1+53	107	RT	10
STA. 1+61	106	RT	12
STA. 1+64	106	RT	8
STA. 1+81	110	RT	10
STA. 1+87	112	RT	8
STA. 1+89	107	RT	10
STA. 1+90	111	RT	10
STA. 2+00	109	RT	8
STA. 2+02	112	RT	8
STA. 2+02	118	RT	6
STA. 2+02	118	RT	6
STA. 2+02	118	RT	6
STA. 2+02	118	RT	6
STA. 2+04	105	RT	10
STA. 2+13	106	RT	10
STA. 2+20	109	RT	10
STA. 2+51	116	RT	8
STA. 2+51	116	RT	8
STA. 2+51	116	RT	8
STA. 2+51	116	RT	8
STA. 2+51	116	RT	8
MAIN STREET			
STA. 0+73	46	LT	10
STA. 0+89	41	LT	12
STA. 1+18	29	LT	12
STA. 1+67	33	LT	6
STA. 1+80	35	LT	6
TOTAL :			499

20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER) (UNITS)			
LOCATION			UNITS
STATION	OFFSET	RT/LT	
IL 29			
STA. 0+56	68	RT	18
STA. 1+85	118	RT	24
TOTAL :			42

20101300 TREE PRUNING (1 TO 10 INCH DIAMETER) (EACH)		
LOCATION	EACH	
MAIN STREET		
STA. 2+50.00 TO STA. 4+04.64 LT	5	
TOTAL :		5

EARTHWORK						
LOCATION STATION TO STATION	20200100 EARTH EXCAVATION	EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) LIMESTONE (-) = FURNISHED EX CU YD		
	CU YD	CU YD	CU YD			
IL 29						
STA. 233+33.57 TO STA. 234+97.80	74	56	38	18		
STA. 0+00.00 TO STA. 2+50.00	1130	848	120	728		
MAIN STREET						
STA. 0+33.07 TO STA. 4+04.62	612	459	201	258		
TOTAL :			1,816	1,362	359	1,003

LANDSCAPING IMPROVEMENTS							
LOCATION STATION TO STATION	AREA SQ FT	25000200 SEEDING CLASS 2 ACRE	25000400 NITROGEN FERTILIZER NUTRIENT POUND	25000500 PHOSPHORUS FERTILIZER NUTRIENT POUND	25000600 POTASSIUM FERTILIZER NUTRIENT POUND	25000700 AGRICULTURAL GROUND LIMESTONE TON	25100125 MULCH METHOD 3 ACRE
IL 29							
STA. 233+33.57 TO STA. 234+97.80	1,815	0.04	3.75	3.75	3.75	0.08	0.04
STA. 0+00.00 TO STA. 2+50.00	12,761	0.29	26.37	26.37	26.37	0.59	0.29
MAIN STREET							
STA. 0+33.00 TO STA. 4+04.62	8,202	0.19	16.95	16.95	16.95	0.38	0.19
TOTAL :		0.5	47	47	47	1	0.5

28000305 TEMPORARY DITCH CHECKS			
LOCATION			LENGTH
STATION	OFFSET	RT/LT	FOOT
IL 29			
STA. 234+59.00	58	RT	18
STA. 0+11.00	62	RT	18
STA. 0+61.00	66	RT	18
STA. 1+11.00	67	RT	19
STA. 1+61.00	69	RT	20
MAIN STREET			
STA. 1+44.00	62	RT	22
TOTAL :			115

28000500 INLET AND PIPE PROTECTION			
LOCATION			EACH
STATION	OFFSET	RT/LT	
MAIN STREET			
STA. 0+71.74	121.47	RT	1
STA. 0+87.64	19.61	RT	1
STA. 1+63.86	31.90	RT	1
STA. 1+79.70	47.16	RT	1
STA. 2+22.71	16.26	LT	1
TOTAL :			5

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES FAP 75 (IL 29)			
SCALE:	SHEET 2	OF 4 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	10
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				

78000300 THERMOPLASTIC PAVEMENT MARKINGS - LINE 5" (FOOT)							
LOCATION				LENGTH FT	WHITE EDGE LINE FT	YELLOW DOUBLE CENTER LINE FT	
STATION TO STATION		RT/LT					
IL 29							
STA. 233+33.57	TO STA. 234+97.80	BK	RT	164.23	164.23	-	
STA. 0+00.00	AH TO STA. 2+02.52		RT	202.52	202.52	-	
MAIN STREET							
STA. 0+33.00	TO STA. 4+04.62		LT	429.03	429.03	-	
STA. 0+44.98	TO STA. 4+04.62		RT	393.48	393.48	-	
STA. 0+57.17	TO STA. 4+04.62			347.45	-	694.90	
				SUBTOTAL:	1,189.26	694.90	
				TOTAL:		1,884	

78000400 THERMOPLASTIC PAVEMENT MARKINGS - LINE 6" (FOOT)							
LOCATION				LENGTH FT	TURN LANE EDGE (WHITE)		WHITE CROSSWALK EDGE FT
STATION TO STATION		RT/LT			ABB. SKIP FT	SOLID FT	
IL 29							
STA. 2+88.00			RT	13.00	-	-	12.00
STA. 2+94.00			RT	13.00	-	-	12.00
MAIN STREET							
STA. 0+42.00			RT/LT	70.53	-	-	70.53
STA. 0+55.00			RT/LT	58.36	-	-	58.36
STA. 0+51.06	TO STA. 0+67.43		RT	22.79	-	-	22.79
STA. 0+58.84	TO STA. 0+75.08		RT	22.61	-	-	22.61
STA. 0+57.17	TO STA. 2+49.62		LT	202.55	-	202.55	-
STA. 2+94.62	TO STA. 4+04.62		LT	158.05	39.51	-	-
				SUBTOTAL:	39.51	202.55	198.29
				TOTAL:		440	

78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8" (FOOT)		
LOCATION	STATION - TYPE	LENGTH WHITE FOOT
IL 29		
STA. 2+42.00	ISLAND	241.59
		TOTAL: 242

78004200 PERFORMED PLASTIC PAVEMENT MARKING - TY B - INLAID - LETTERS AND SYMBOLS (SQ FT)				
LOCATION				AREA SQ FT
STATION	RT/LT	TYPE		
IL 29				
STA. 0+63	RT	RIGHT TURN ARROW		15.6
STA. 1+59	RT	RIGHT TURN ARROW		15.6
STA. 2+53	RT	THROUGH ARROW		11.5
STA. 2+54	RT	RIGHT TURN ARROW		15.6
MAIN STREET				
STA. 0+88	LT	RIGHT TURN ARROW		15.6
STA. 0+90	LT	LEFT/THROUGH ARROW		26.0
STA. 1+64	LT	RIGHT TURN ARROW		15.6
STA. 1+64	LT	LEFT/THROUGH ARROW		26.0
STA. 2+45	LT	RIGHT TURN ARROW		15.6
STA. 2+45	LT	LEFT/THROUGH ARROW		26.0
				TOTAL: 183.1

78004230 PERFORMED PLASTIC PAVEMENT MARKING, TY B - INLAID - LINE 6" (FOOT)						
LOCATION				LENGTH FT	TURN LANE EDGE (WHITE)	
STATION TO STATION		RT/LT			ABB. SKIP FT	SOLID FT
IL 29						
STA. 233+33.57	TO STA. 234+97.80	BK	RT	164.23	41.06	-
STA. 0+00.00	AH TO STA. 0+56.00		RT	56.00	14.00	-
STA. 0+56.00	TO STA. 2+42.00		RT	186.00	-	186.00
				SUBTOTAL:	55.06	186.00
				TOTAL:		241

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (FOOT)		
LOCATION	STATION TO STATION - TYPE	LENGTH WHITE FOOT
IL 29		
STA. 2+42.00	TO STA. 3+17.00	CHEVRON 78.29
MAIN STREET		
STA. 0+42.00	TO STA. 0+55.00	CROSSWALK 230.33
STA. 0+51.06	TO STA. 0+67.43	CROSSWALK 77.00
		TOTAL: 386

78004280 PERFORMED PLASTIC PAVEMENT MARKING, TY B - INLAID - LINE 24" (FOOT)		
LOCATION	STATION (RT/LT) - TYPE	LENGTH WHITE FOOT
IL 29		
STA. 2+83.00	RT STOP BAR	12.0
MAIN STREET		
STA. 0+57.17	LT STOP BAR	32.0
		TOTAL: 44

70300100 SHORT TERM PAVEMENT MARKING		
LOCATION	STATION TO STATION	LENGTH FOOT
IL 29		
STA. 0+56.00	TO STA. 2+42.00	18.6
MAIN STREET		
STA. 0+57.17	TO STA. 4+04.62	34.7
STA. 0+57.17	TO STA. 2+49.62	20.3
		TOTAL: 74

78200020 CURB REFLECTORS			
LOCATION			EACH
STATION TO STATION - LT/RT			
MAIN STREET			
STA. 0+35.58	TO STA. 0+68.99	RT	16
			TOTAL: 16

70300150 SHORT TERM PAVEMENT MARKING REMOVAL		
LOCATION	STATION TO STATION	AREA SQ FT
IL 29		
STA. 0+56.00	TO STA. 2+42.00	6.1
MAIN STREET		
STA. 0+57.17	TO STA. 4+04.62	11.5
STA. 0+57.17	TO STA. 2+49.62	6.7
		TOTAL: 24

78100100 RAISED REFLECTIVE PAVEMENT MARKER			
LOCATION			EACH
STATION TO STATION - LT/RT			
IL 29			
STA. 0+56.00	TO STA. 2+83.00	RT	6
			TOTAL: 6

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
FAP 75 (IL 29)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	11
				CONTRACT NO. 72F40
		ILLINOIS	FED. AID PROJECT	

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

USER NAME = coxte	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/5/2018	DATE -	REVISED -

44000500 COMBINATION CURB AND GUTTER REMOVAL						
LOCATION						LENGTH
STATION	OFFSET	RT/LT	TO STATION	OFFSET	RT/LT	FOOT
IL 29						
STA. 233+33.57	33.32	RT	STA. 234+97.80 BK	33.32	RT	164.23
STA. 0+00.00 AH	33.32	RT	STA. 2+81.17	33.32	RT	281.29
STA. 3+61.15	-56.13	LT	STA. 3+72.07	-48.79	LT	12.00
MAIN STREET						
STA. 0+33.00	50.71	RT	STA. 3+34.79	16.57	RT	290.54
STA. 0+33.00	+78.93	LT	STA. 4+04.62	-16.37	LT	430.14
TOTAL :						1,178

44000600 SIDEWALK REMOVAL						
LOCATION						AREA
STATION	OFFSET	RT/LT	TO STATION	OFFSET	RT/LT	SQ FT
IL 29						
STA. 2+80.88	-46.85	LT	STA. 2+85.88	-46.92	LT	24.63
STA. 3+61.15	-56.13	LT	STA. 3+81.48	-57.06	LT	106.62
MAIN STREET						
STA. 0+39.49	43.68	RT	STA. 2+82.27	26.19	RT	1,209.11
STA. 0+40.19	-44.58	LT	STA. 0+57.26	-24.77	LT	238.66
STA. 2+09.74	-49.79	LT	STA. 3+08.20	-24.49	LT	378.52
STA. 3+01.28	26.20	RT	STA. 3+34.79	25.88	RT	148.54
TOTAL :						2,106

55100500 STORM SEWER REMOVAL 12"						
LOCATION						LENGTH
STATION	OFFSET	RT/LT	TO STATION	OFFSET	RT/LT	FOOT
IL 29						
STA. 1+01.20	36.68	RT	STA. 1+07.89	49.70	RT	14.63
STA. 2+70.99	35.59	RT	STA. 2+71.06	77.16	RT	41.57
TOTAL :						56

55100700 STORM SEWER REMOVAL 15"						
LOCATION						LENGTH
STATION	OFFSET	RT/LT	TO STATION	OFFSET	RT/LT	FOOT
MAIN STREET						
STA. 2+24.11	19.50	RT	STA. 2+23.96	31.60	RT	12.1
TOTAL :						12

60500060 REMOVING INLETS			
LOCATION			EACH
STATION	OFFSET	RT/LT	
IL 29			
STA. 1+01.16	35.32	RT	1
STA. 2+71.30	35.29	RT	1
MAIN STREET			
STA. 2+23.90	18.10	RT	1
STA. 2+22.74	-17.83	LT	1
TOTAL :			4

X0322936 REMOVE EXISTING FLARED END SECTION			
LOCATION			EACH
STATION	OFFSET	RT/LT	
IL 29			
STA. 1+21.98	54.55	RT	1
STA. 1+63.55	64.38	RT	1
MAIN STREET			
STA. 0+88.73	49.34	RT	1
STA. 1+67.21	35.46	RT	1
STA. 2+23.96	31.60	RT	1
TOTAL :			5

55101200 STORM SEWER REMOVAL 24"						
LOCATION						LENGTH
STATION	OFFSET	RT/LT	TO STATION	OFFSET	RT/LT	FOOT
MAIN STREET						
STA. 0+88.73	49.34	RT	STA. 0+87.60	19.46	RT	29.90
STA. 1+63.86	31.90	RT	STA. 1+67.21	35.46	RT	4.52
TOTAL :						34

50105220 PIPE CULVERT REMOVAL						
LOCATION						LENGTH
STATION	OFFSET	RT/LT	TO STATION	OFFSET	RT/LT	FOOT
IL 29						
STA. 1+21.98	54.55	RT	STA. 1+63.55	64.38	RT	42.71
TOTAL :						43

X0327036 BIKE PATH REMOVAL						
LOCATION						AREA
STATION	OFFSET	RT/LT	TO STATION	OFFSET	RT/LT	SQ YD
IL 29						
STA. 0+50.89	97.74	RT	STA. 2+79.20	45.22	RT	263.74
STA. 3+87.47	42.34	RT	STA. 3+99.10	42.63	RT	13.18
TOTAL :						277

44000100 PAVEMENT REMOVAL						
LOCATION						AREA
STATION	OFFSET	RT/LT	TO STATION	OFFSET	RT/LT	SQ YD
IL 29						
STA. 2+81.17	33.00	RT	STA. 3+09.88	33.00	RT	32.6
TOTAL :						33

44000200 DRIVEWAY PAVEMENT REMOVAL		
LOCATION		AREA
STATION - RT/LT		SQ YD
MAIN STREET		
STA. 1+44.04	LT	57.4
STA. 1+98.55	LT	27.1
STA. 2+94.43	RT	24.0
TOTAL :		109

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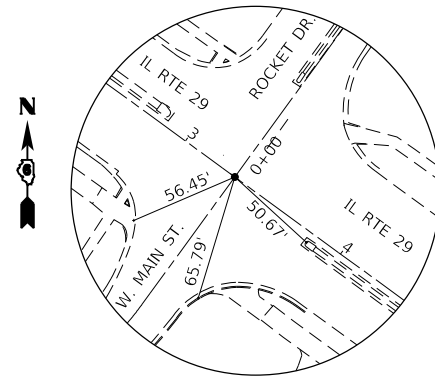
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

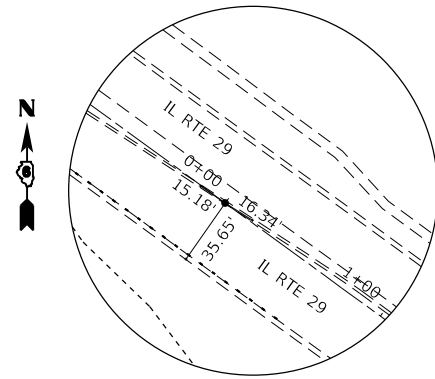
**SCHEDULE OF QUANTITIES
FAP 75 (IL 29)**

SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

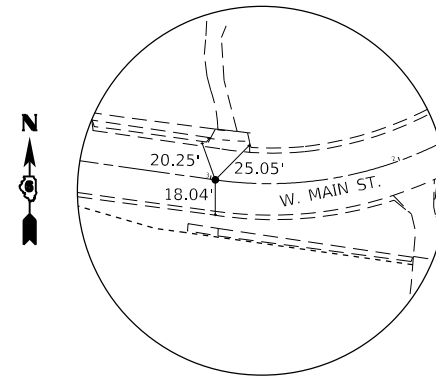
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	12
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				



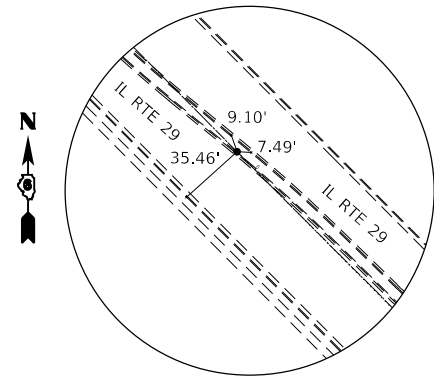
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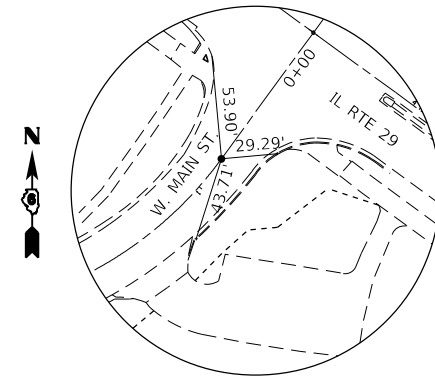
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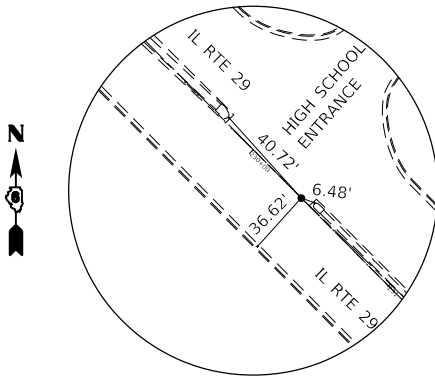
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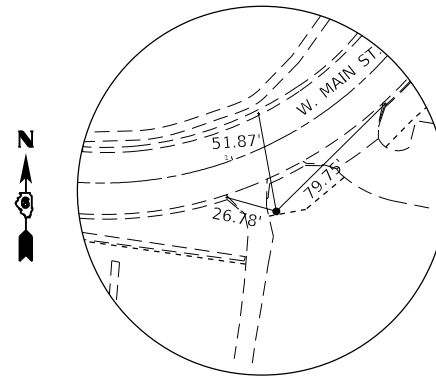
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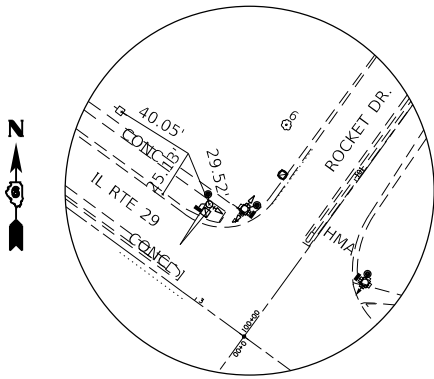
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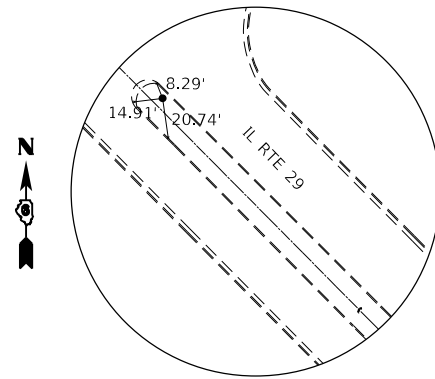
PI 230+35.46
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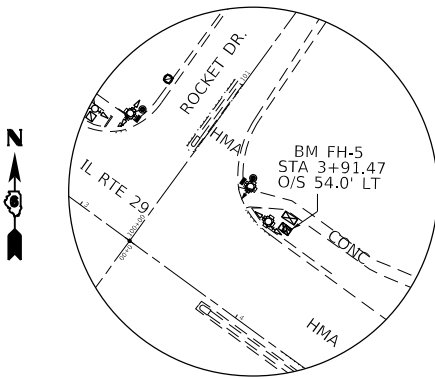
PI 2+01.37
(#4 REBAR W/ CAP)



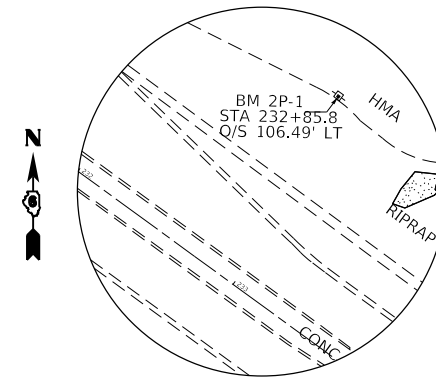
BM #6000
(#4 REBAR W/CAP BURIED 2")



BM #6001
(#4 REBAR W/CAP BURIED 2")
+/- 600 FT EAST OF CAMELOT DRIVE



BM FH-5
CHSLD SQUARE N. CORNER TRAFFIC SIGNAL HANHOLE.
NE QUAD IL 29 & ROCKET DR.
EL= 566.086



BM 2P-1
CHSLD SQUARE S. EDGE LIGHTPOLE FOUNDATION
HIGH SCHOOL PARKING LOT
EL=577.264

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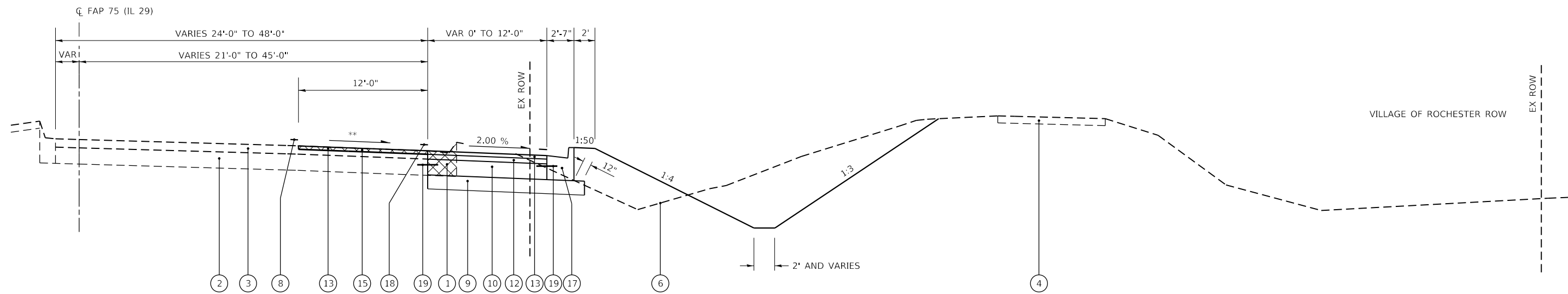
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS TIES & BENCHMARKS
FAP 75 (IL 29)**

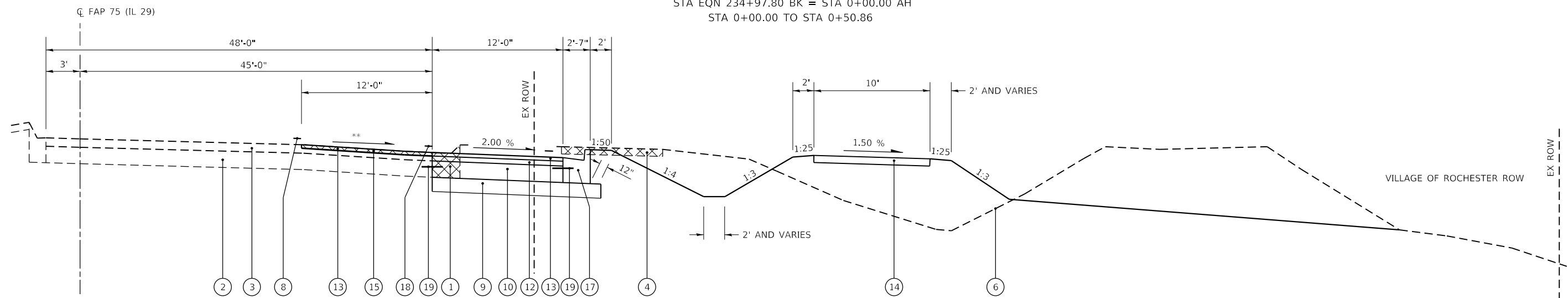
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	13
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION #1

STA 233+33.70 TO STA 234+97.80
 STA EQN 234+97.80 BK = STA 0+00.00 AH
 STA 0+00.00 TO STA 0+50.86



TYPICAL SECTION #2

STA 0+50.86 TO STA 4+10.81

** - MATCH EXISTING SLOPE

LEGEND

- | | | | | |
|--|--|--|--|--|
| ① EX COMBINATION CONCRETE CURB AND GUTTER | ⑥ EXISTING GROUND | ⑪ PR LEVELING BINDER, (MACHINE METHOD), N50 (1 1/2") | ⑬ PR POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (2") | ⑯ PR HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH |
| ② EX PCC BASE COURSE, 9" | ⑦ EX HOT-MIX ASPHALT PAVEMENT, 13" | ⑫ PR HMA BINDER COURSE, IL-19.0, N50 (2 3/4") | ⑭ PR PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH | ⑰ PR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 |
| ③ EX HOT-MIX ASPHALT OVERLAY, VARIABLE DEPTH | ⑧ EX PAVEMENT MARKING | ⑬ PR POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (2") | ⑮ PR HOT-MIX ASPHALT SURFACE REMOVAL, 2" | ⑱ PR PAVEMENT MARKING |
| ④ EX BIKE TRAIL | ⑨ PR SUBBASE GRANULAR MATERIAL, TYPE A 8" | ⑭ PR PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH | | ⑲ PR TIE BAR |
| ⑤ EX SIDEWALK 4" | ⑩ PR PORTLAND CEMENT CONCRETE BASE COURSE 9" | ⑮ PR HOT-MIX ASPHALT SURFACE REMOVAL, 2" | | |

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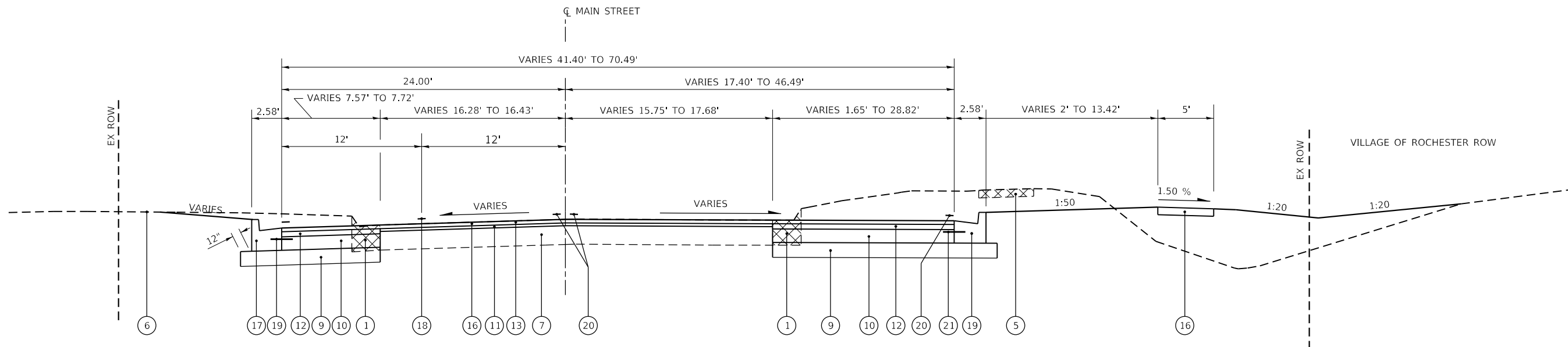
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

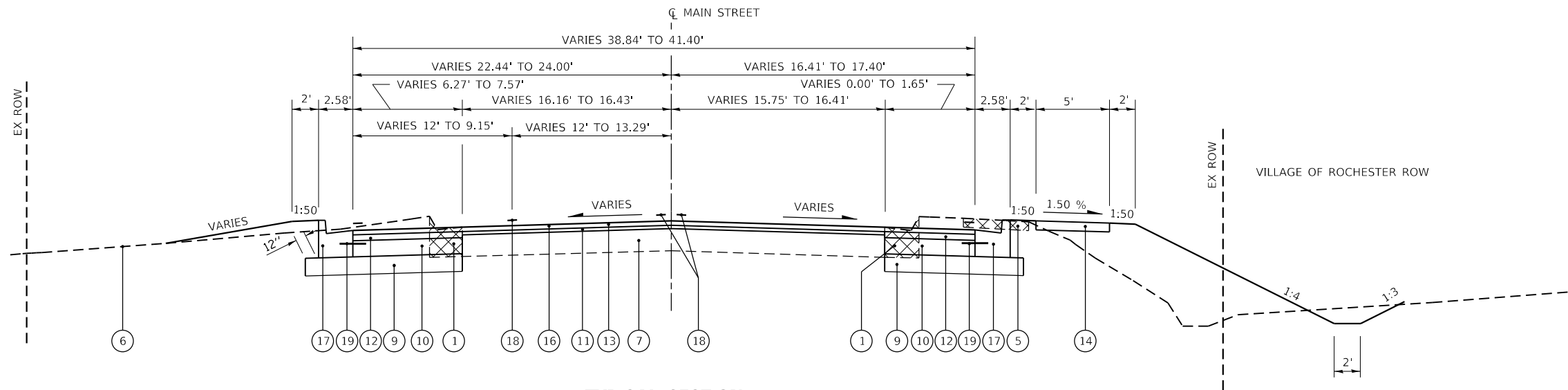
**TYPICAL SECTIONS
 FAP 75 (IL 29)**

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	14
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION #3
STA 0+86.13 TO STA 2+49.62



TYPICAL SECTION #4
STA 2+49.62 TO STA 2+97.60

LEGEND

- ① EX COMBINATION CONCRETE CURB AND GUTTER
- ② EX PCC BASE COURSE, 9"
- ③ EX HOT-MIX ASPHALT OVERLAY, VARIABLE DEPTH
- ④ EX BIKE TRAIL
- ⑤ EX SIDEWALK 4"
- ⑥ EXISTING GROUND
- ⑦ EX HOT-MIX ASPHALT PAVEMENT, 13"
- ⑧ EX PAVEMENT MARKING
- ⑨ PR SUBBASE GRANULAR MATERIAL, TYPE A 8"
- ⑩ PR PORTLAND CEMENT CONCRETE BASE COURSE 9"
- ⑪ PR LEVELING BINDER, (MACHINE METHOD), N50 (1 1/2")
- ⑫ PR HMA BINDER COURSE, IL-19.0, N50 (2 3/4")
- ⑬ PR POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (2")
- ⑭ PR PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
- ⑮ PR HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ⑯ PR HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ⑰ PR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑱ PR PAVEMENT MARKING
- ⑲ PR TIE BAR

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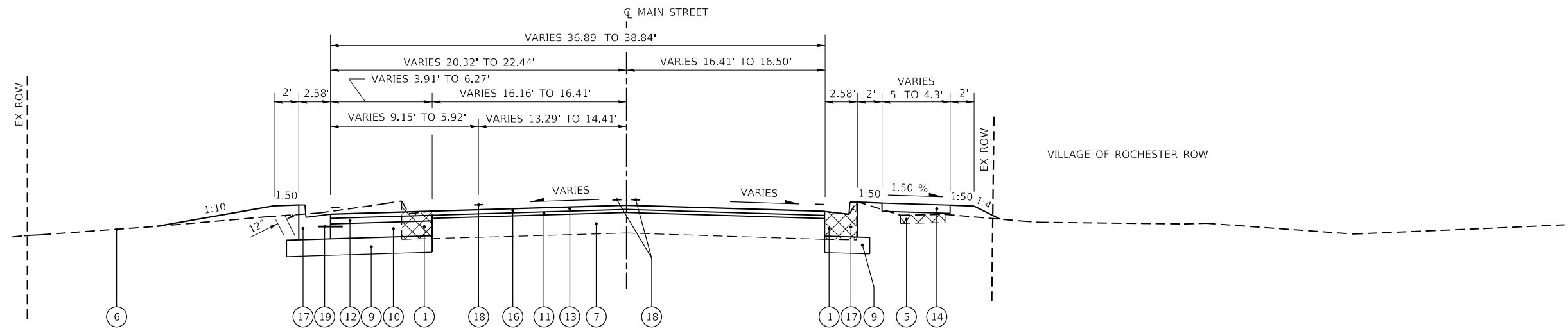
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
MAIN STREET**

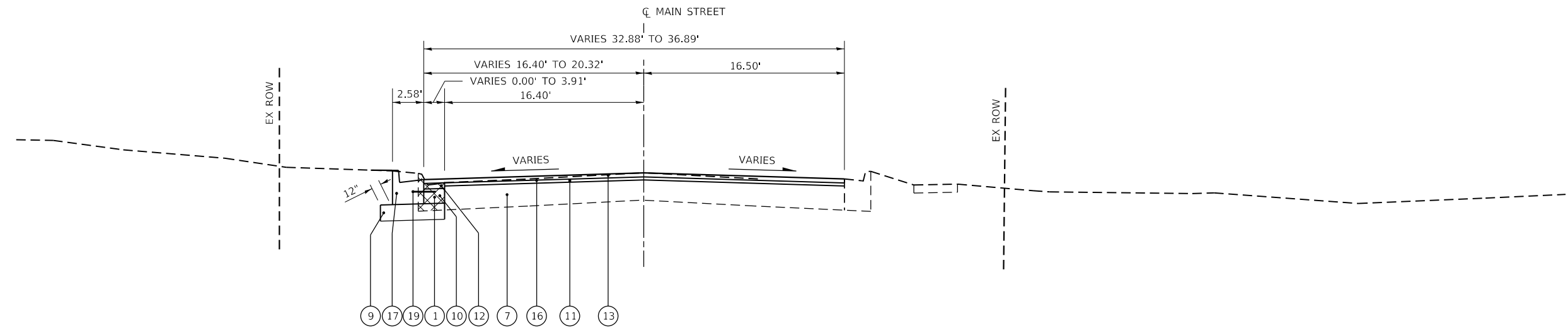
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	15
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION #5

STA 2+97.60 TO STA 3+34.84



TYPICAL SECTION #6

STA 3+34.84 TO STA 4+04.62

LEGEND

- ① EX COMBINATION CONCRETE CURB AND GUTTER
- ② EX PCC BASE COURSE, 9"
- ③ EX HOT-MIX ASPHALT OVERLAY, VARIABLE DEPTH
- ④ EX BIKE TRAIL
- ⑤ EX SIDEWALK 4"
- ⑥ EXISTING GROUND
- ⑦ EX HOT-MIX ASPHALT PAVEMENT, 13"
- ⑧ EX PAVEMENT MARKING
- ⑨ PR SUBBASE GRANULAR MATERIAL, TYPE A 8"
- ⑩ PR PORTLAND CEMENT CONCRETE BASE COURSE 9"
- ⑪ PR LEVELING BINDER, (MACHINE METHOD), N50 (1 1/2")
- ⑫ PR HMA BINDER COURSE, IL-19.0, N50 (2 3/4")
- ⑬ PR POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (2")
- ⑭ PR PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
- ⑮ PR HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ⑯ PR HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ⑰ PR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑱ PR PAVEMENT MARKING
- ⑲ PR TIE BAR

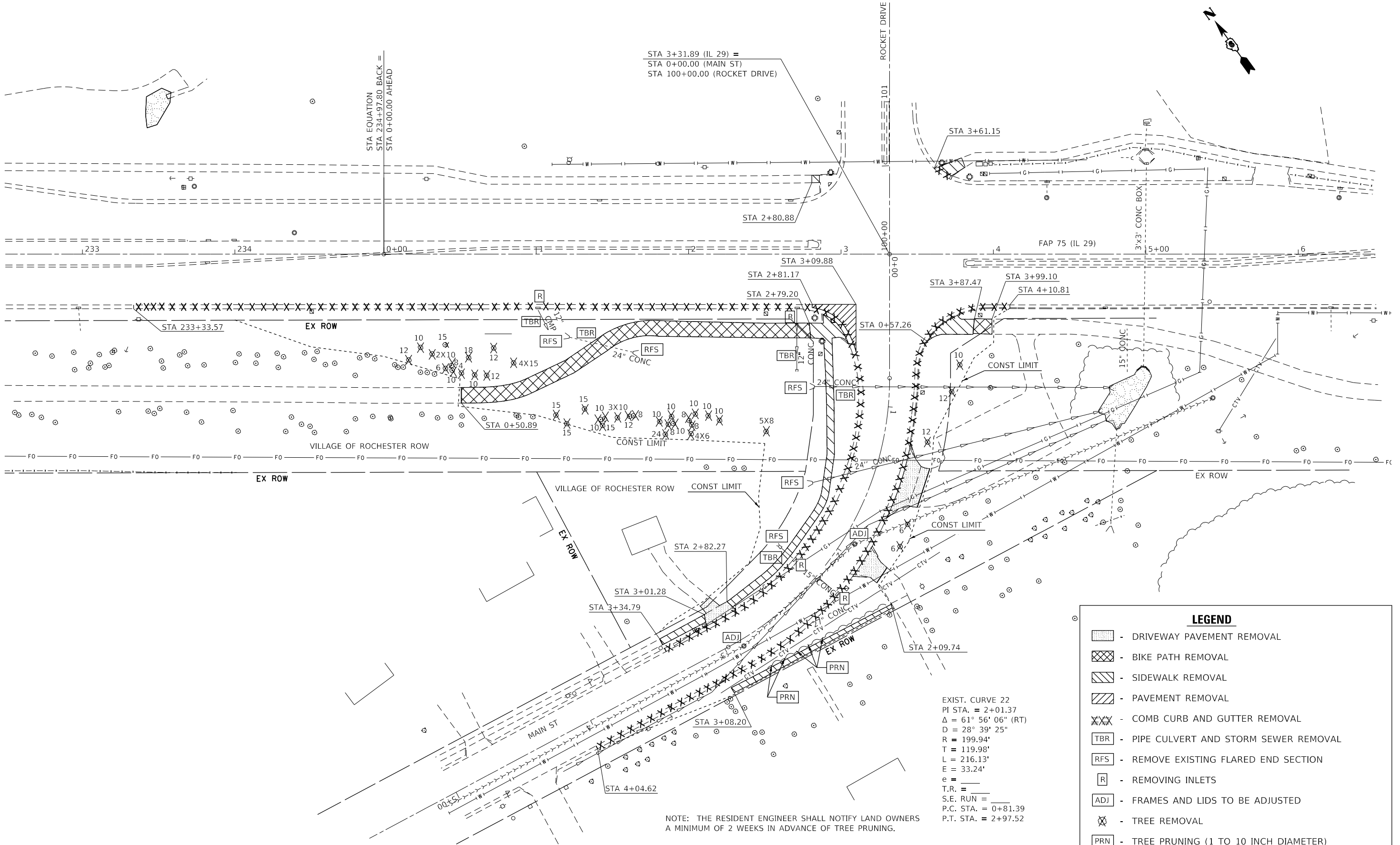
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PLOT DATE = 2/6/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS			
MAIN STREET			
SCALE:	SHEET 3	OF 3 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	16
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				



STA 3+31.89 (IL 29) =
 STA 0+00.00 (MAIN ST)
 STA 100+00.00 (ROCKET DRIVE)

STA EQUATION
 STA 234+97.80 BACK =
 STA 0+00.00 AHEAD

EXIST. CURVE 22
 P.I. STA. = 2+01.37
 $\Delta = 61^\circ 56' 06''$ (RT)
 $D = 28^\circ 39' 25''$
 $R = 199.94'$
 $T = 119.98'$
 $L = 216.13'$
 $E = 33.24'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. \text{ RUN} = \text{---}$
 $P.C. \text{ STA.} = 0+81.39$
 $P.T. \text{ STA.} = 2+97.52$

NOTE: THE RESIDENT ENGINEER SHALL NOTIFY LAND OWNERS
 A MINIMUM OF 2 WEEKS IN ADVANCE OF TREE PRUNING.

LEGEND

- [Hatched Box] - DRIVEWAY PAVEMENT REMOVAL
- [Cross-hatched Box] - BIKE PATH REMOVAL
- [Diagonal Hatched Box] - SIDEWALK REMOVAL
- [Diagonal Hatched Box] - PAVEMENT REMOVAL
- [X-X-X] - COMB CURB AND GUTTER REMOVAL
- [TBR] - PIPE CULVERT AND STORM SEWER REMOVAL
- [RFS] - REMOVE EXISTING FLARED END SECTION
- [R] - REMOVING INLETS
- [ADJ] - FRAMES AND LIDS TO BE ADJUSTED
- [Tree Symbol] - TREE REMOVAL
- [PRN] - TREE PRUNING (1 TO 10 INCH DIAMETER)

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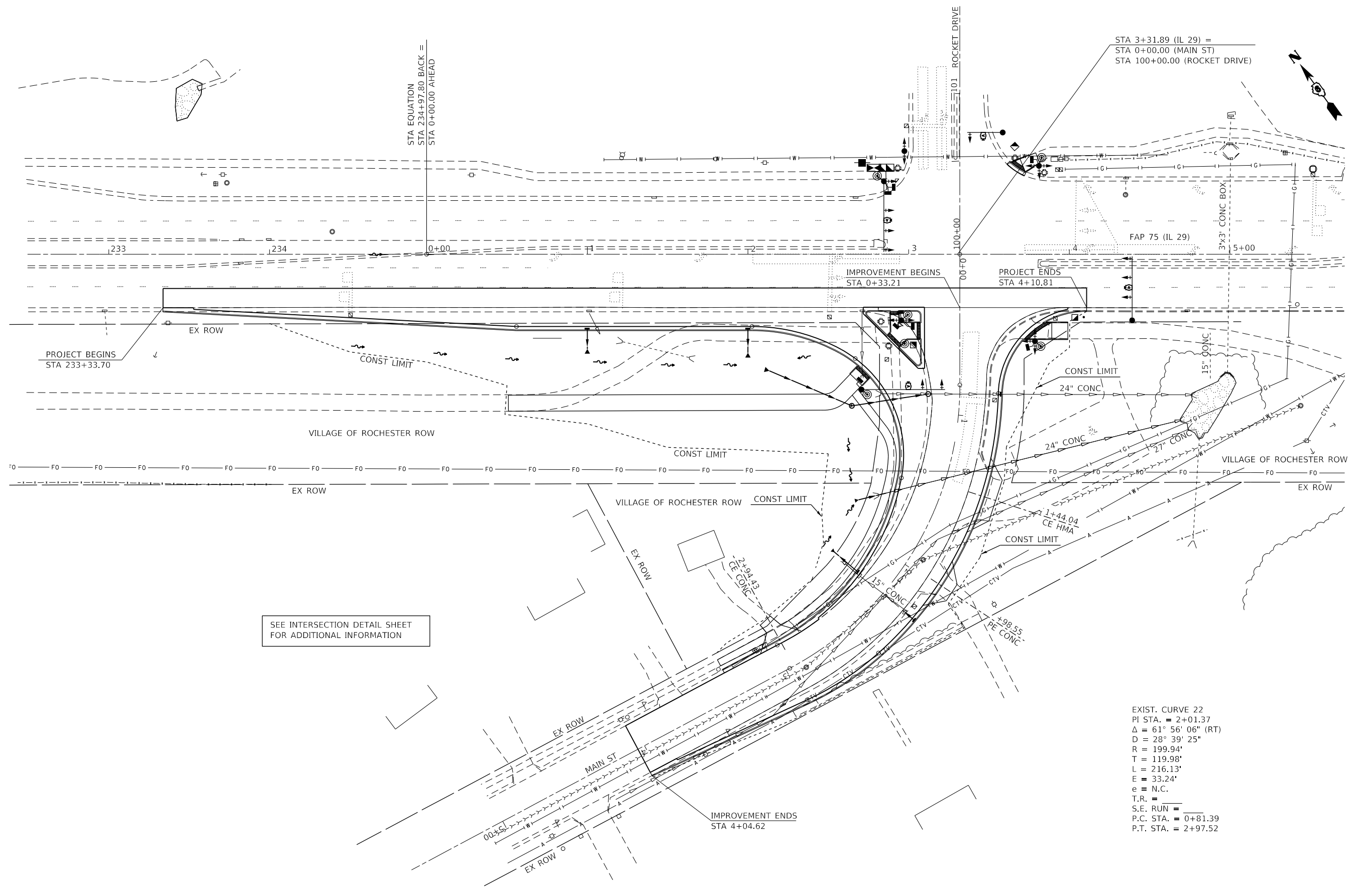
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PLOT DATE = 2/5/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN SHEET
 FAP 75 (IL 29)**

SCALE: 1" = 30' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	17
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				



PROJECT BEGINS
STA 233+33.70

STA EQUATION
STA 234+97.80 BACK =
STA 0+00.00 AHEAD

STA 3+31.89 (IL 29) =
STA 0+00.00 (MAIN ST)
STA 100+00.00 (ROCKET DRIVE)

IMPROVEMENT BEGINS
STA 0+33.21

PROJECT ENDS
STA 4+10.81

IMPROVEMENT ENDS
STA 4+04.62

SEE INTERSECTION DETAIL SHEET
FOR ADDITIONAL INFORMATION

EXIST. CURVE 22
PI STA. = 2+01.37
 $\Delta = 61^\circ 56' 06''$ (RT)
D = 28° 39' 25"
R = 199.94'
T = 119.98'
L = 216.13'
E = 33.24'
e = N.C.
T.R. = _____
S.E. RUN = _____
P.C. STA. = 0+81.39
P.T. STA. = 2+97.52

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	DRAWN -	REVISED -
PLOT SCALE = 60,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/5/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN SHEET
FAP 75 (IL 29)**

SCALE: 1" = 30' SHEET 1 OF 1 SHEETS STA. TO STA.

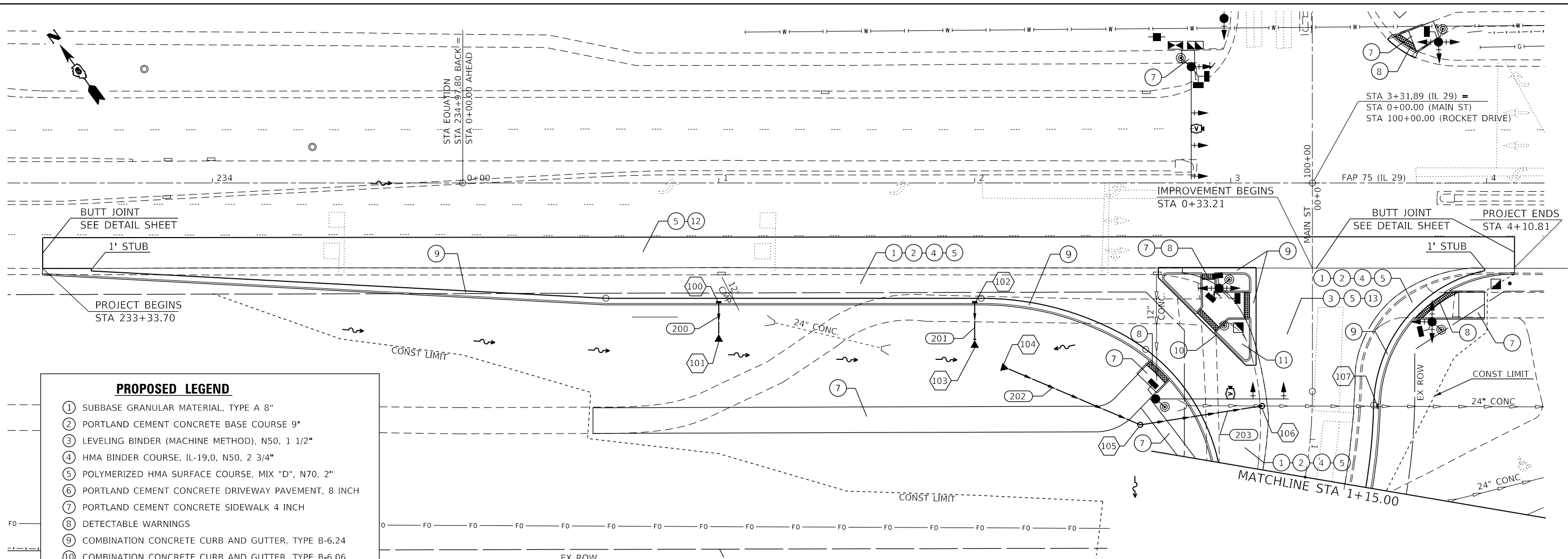
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	18
CONTRACT NO. 72F40				

ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	
	FILE NAME	

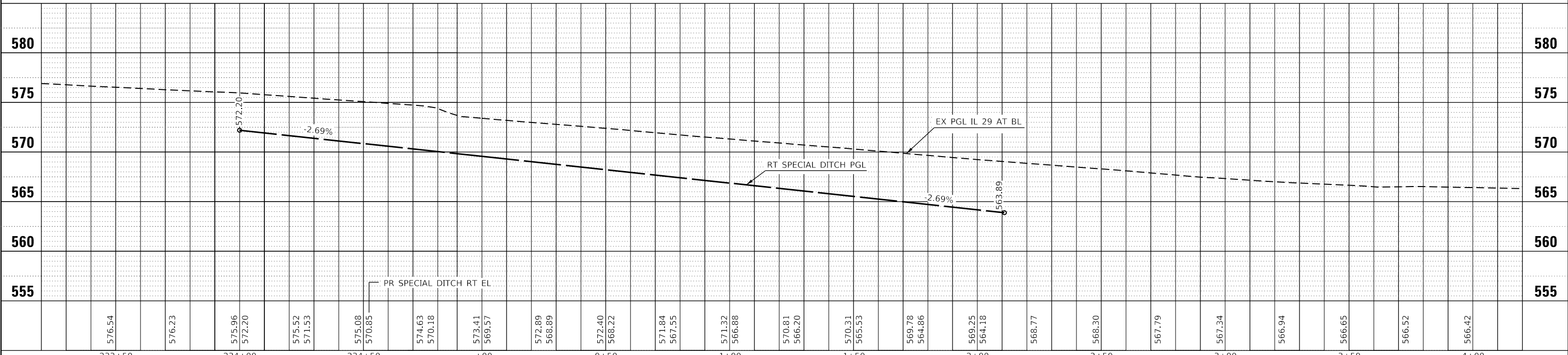
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	PLOTTED	
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	NOTE BOOK	
	NO.	
	FILE NAME	

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- PROPOSED LEGEND**
- ① SUBBASE GRANULAR MATERIAL, TYPE A 8"
 - ② PORTLAND CEMENT CONCRETE BASE COURSE 9"
 - ③ LEVELING BINDER (MACHINE METHOD), N50, 1 1/2"
 - ④ HMA BINDER COURSE, IL-19.0, N50, 2 3/4"
 - ⑤ POLYMERIZED HMA SURFACE COURSE, MIX "D", N70, 2"
 - ⑥ PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
 - ⑦ PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
 - ⑧ DETECTABLE WARNINGS
 - ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06
 - ⑪ CONCRETE MEDIAN SURFACE, 4 INCH
 - ⑫ HOT-MIX ASPHALT SURFACE REMOVAL, 2"
 - ⑬ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 - XXX STORM SEWER
 - XX DRAINAGE STRUCTURE

SEE INTERSECTION DETAIL SHEET FOR ADDITIONAL INFORMATION



USER NAME = coxte	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 2/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN & PROFILE SHEET
FAP 75 (IL 29)**
 SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. TO STA.

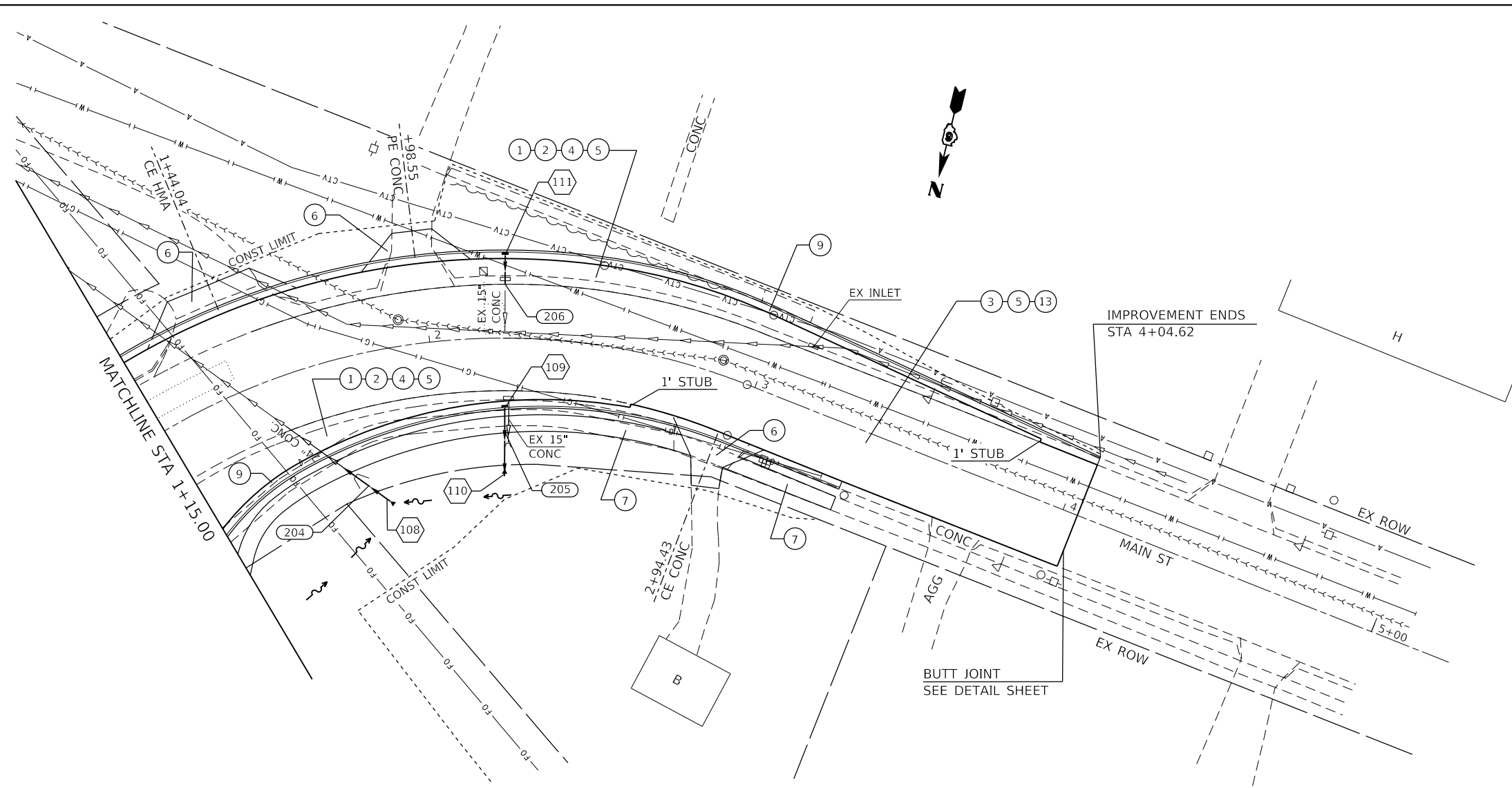
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75	(6)I-2	SANGAMON	52	19
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NO.		
NOTE BOOK	ALIGNED	CHECKED

PROFILE	SURVEYED	DATE
NO.		
NOTE BOOK	GRADES	CHECKED

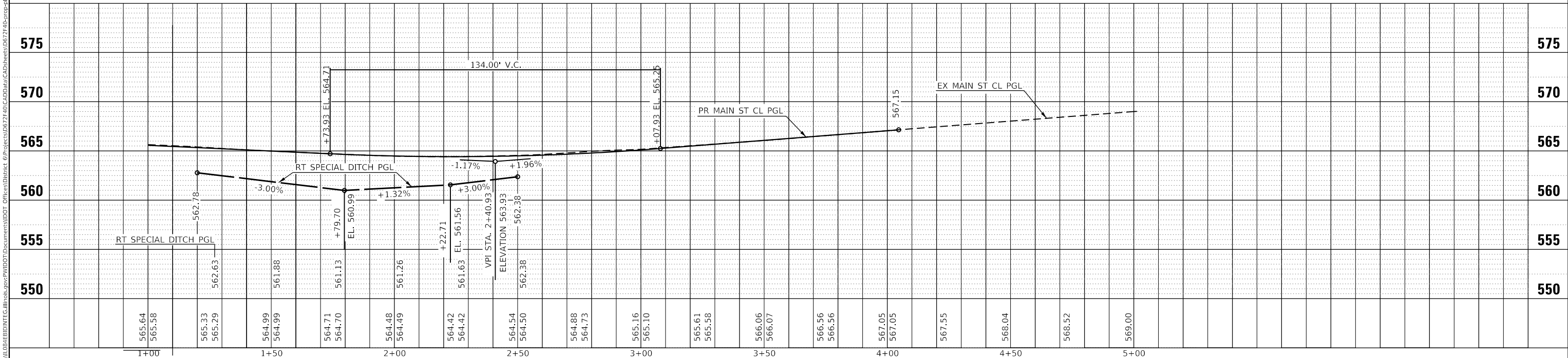
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EXIST. CURVE 22
 PI STA. = 2+01.37
 $\Delta = 61^\circ 56' 06''$ (RT)
 $D = 28^\circ 39' 25''$
 $R = 199.94'$
 $T = 119.98'$
 $L = 216.13'$
 $E = 33.24'$
 $e = N.C.$
 $T.R. = ______$
 $S.E. RUN = ______$
 $P.C. STA. = 0+81.39$
 $P.T. STA. = 2+97.52$



PROPOSED LEGEND

- ① SUBBASE GRANULAR MATERIAL, TYPE A 8"
- ② PORTLAND CEMENT CONCRETE BASE COURSE 9"
- ③ LEVELING BINDER (MACHINE METHOD), N50, 1 1/2"
- ④ HMA BINDER COURSE, IL-19.0, N50, 2 3/4"
- ⑤ POLYMERIZED HMA SURFACE COURSE, MIX "D", N70, 2"
- ⑥ PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
- ⑦ PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
- ⑧ DETECTABLE WARNINGS
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06
- ⑪ CONCRETE MEDIAN SURFACE, 4 INCH
- ⑫ HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ⑬ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- XXX STORM SEWER
- XX DRAINAGE STRUCTURE



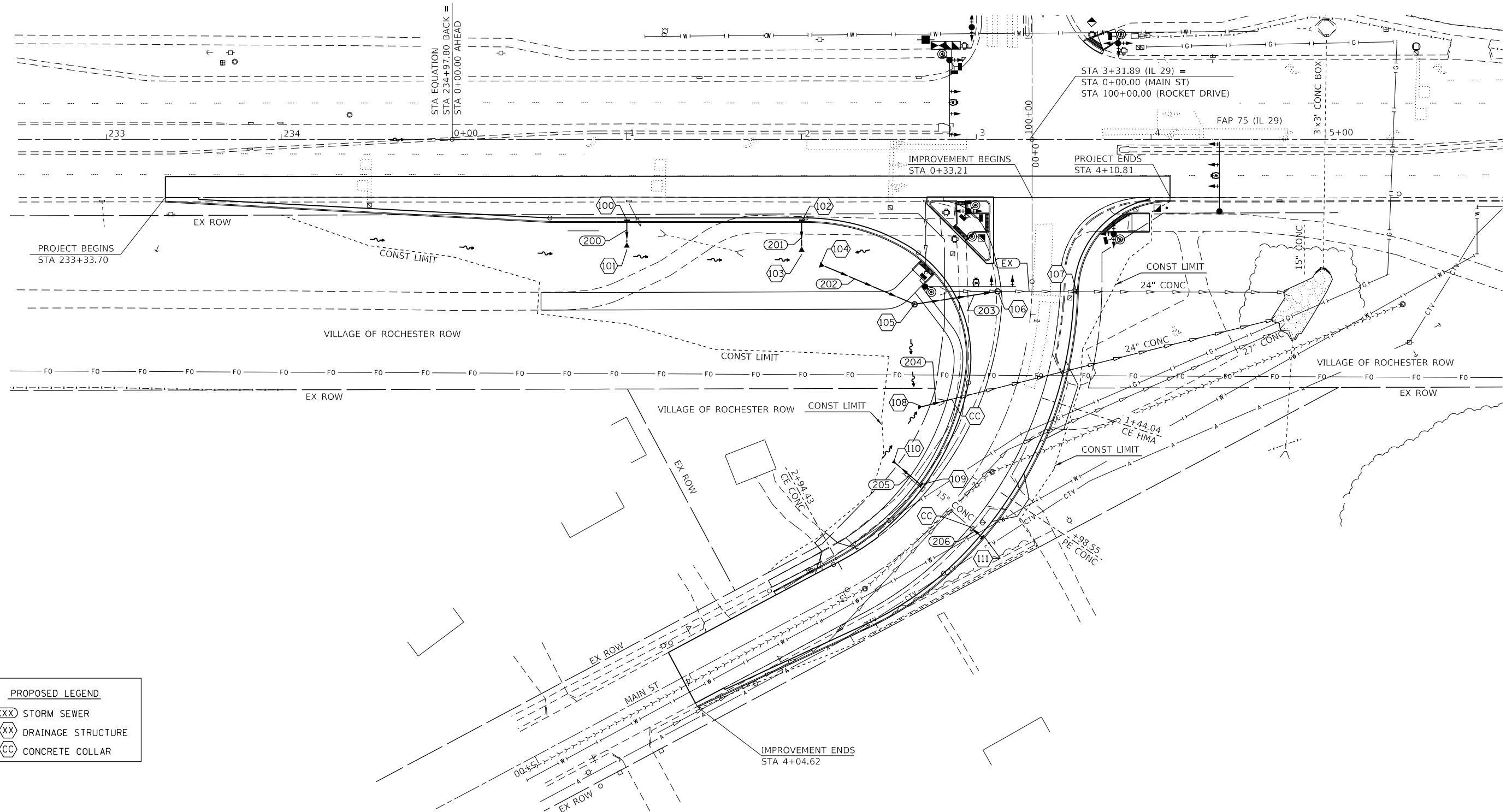
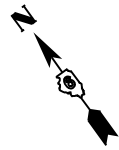
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PLOT DATE = 2/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN & PROFILE SHEET
 FAP 75 (IL 29)**

SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	20
CONTRACT NO. 72F40			ILLINOIS FED. AID PROJECT	



PROPOSED LEGEND

(XXX)	STORM SEWER
(XX)	DRAINAGE STRUCTURE
(CC)	CONCRETE COLLAR

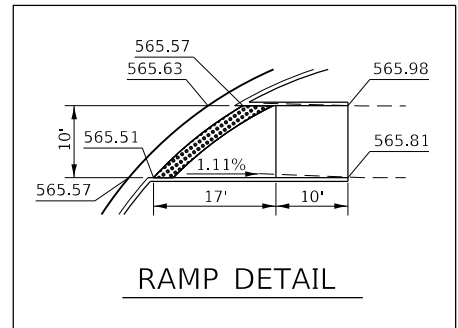
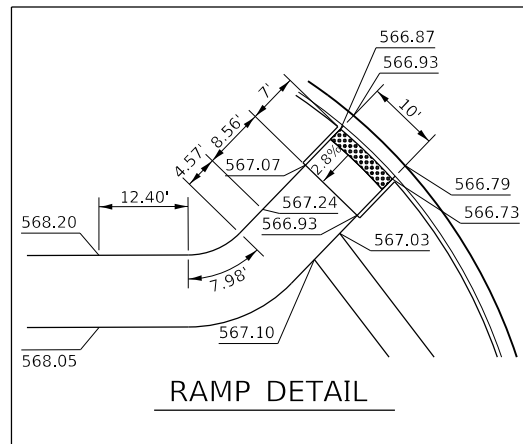
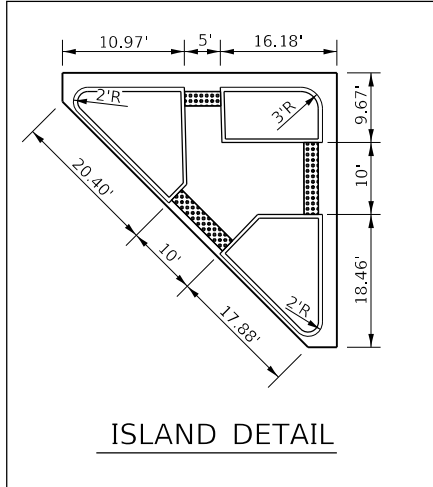
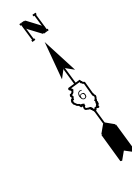
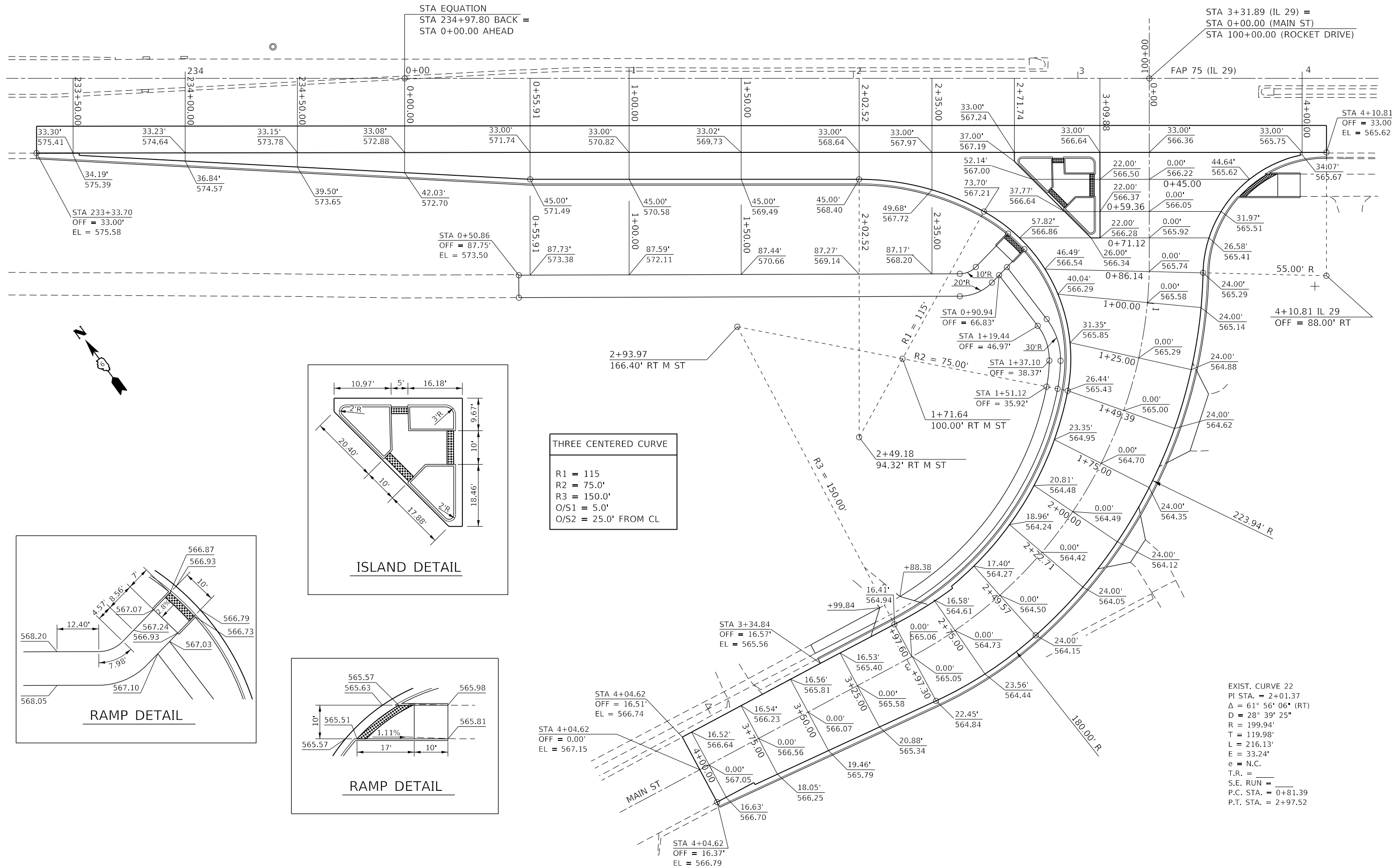
STORM SEWER IMPROVEMENTS																								
RUN	FROM STRUCT	STA.	OFFSET	TOP ELEV	INVERT ELEV	TO STRUCT	STA.	OFFSET	TOP ELEV	INVERT ELEV	PIPE SLOPE %	20800150 TRENCH BACKFILL CU YD	50800105 REINF BARS POUND	54213657 PRC FLAR END SEC 12 EACH	54213669 PRC FLAR END SEC 24 EACH	54248510 CONCRETE COLLAR CU YD	550A0050 STORM SEW CL A 1 12 FOOT	550A0120 STORM SEW CL A 1 24 FOOT	60218400 MAN TA 4 DIA T1F CL EACH	60218500 MAN TA 4 DIA T3F&G EACH	60235700 INLETS TA T3F&G EACH	X6022230 MAN TA 4 DIA SPL F&G EACH	Z0056608 STORM SEW WM REQ 12 FOOT	
IL 29																								
200	100	1+00.00	RT 45.00	570.58	567.52	101	1+00.00	RT 57.93	566.94	567.44	-1.00	0.3	-	1	-	-	9	-	-	-	1	-	-	-
201	102	2+00.00	RT 45.00	568.45	564.83	103	2+00.00	RT 60.28	564.24	564.74	-1.00	-	-	1	-	-	10	-	-	-	1	-	-	-
MAIN STREET																								
202	104	0+73.91	RT 115.48	563.79	563.79	105	1+00.92	RT 66.60	567.06	562.96	-1.66	6.2	-	-	1	-	-	50	1	-	-	-	-	-
203	105	1+00.92	RT 66.60	567.06	562.90	106	0+87.64	RT 19.61	566.07	562.24	-1.50	3.9	-	-	-	-	-	44	1	-	-	-	-	-
EX	106	0+87.64	RT 19.61	566.07	562.24	107	0+86.50	LT 24.00	565.29	561.10	N/A	-	-	-	-	-	-	-	-	-	-	1	-	-
204	108	1+74.26	RT 42.35	560.88	560.88	COLLAR	1+63.86	RT 31.90	N/A	560.66	-1.57	3.2	32.3	-	1	1.1	-	14	-	-	-	-	-	-
205	109	2+22.59	RT 18.97	564.24	561.66	110	2+22.71	RT 35.65	561.59	561.59	-0.50	1.9	-	1	-	-	14	-	-	-	-	1	-	-
206	111	2+22.71	LT 24.00	564.04	559.96	COLLAR	2+22.71	LT 16.26	N/A	559.96	0.00	1.5	26.1	-	-	0.6	-	-	-	-	1	-	-	8
TOTAL:												17	58	3	2	2	33	108	2	2	2	1	8	

NOTES: OFFSETS AND ELEVATIONS FOR TYPE 3 AND SPECIAL FRAME AND GRATES ARE TO THE EDGE OF PAVEMENT
 OFFSETS AND ELEVATIONS FOR TYPE 1 FRAME AND LIDS ARE TO THE CENTER OF THE LID
 OFFSETS AND ELEVATION FOR END SECTIONS ARE AT THE PIPE INVERT

MODEL: Default FILE: \public\B&E\ID\TCE\Illinois\proj\72F40\Drawings\DOT\Office\Sheet\DOT\72F40-2-ProposedDrainagePlan.dwg	USER NAME = coxte	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE PLAN SHEET FAP 75 (IL 29)				F.A.P. RTE. = 75	SECTION = (6)I-2	COUNTY = SANGAMON	TOTAL SHEETS = 52	SHEET NO. = 21
	PLOT SCALE = 60,0000' / in.	CHECKED -	REVISED -		SCALE: 1" = 30'	SHEET 1 OF 1 SHEETS	STA. TO STA.	CONTRACT NO. 72F40					
	PLOT DATE = 2/5/2018	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

STA EQUATION
 STA 234+97.80 BACK =
 STA 0+00.00 AHEAD

STA 3+31.89 (IL 29) =
 STA 0+00.00 (MAIN ST)
 STA 100+00.00 (ROCKET DRIVE)



THREE CENTERED CURVE

R1 = 115
 R2 = 75.0'
 R3 = 150.0'
 O/S1 = 5.0'
 O/S2 = 25.0' FROM CL

EXIST. CURVE 22
 PI STA. = 2+01.37
 $\Delta = 61^\circ 56' 06''$ (RT)
 D = 28' 39" 25"
 R = 199.94'
 T = 119.98'
 L = 216.13'
 E = 33.24'
 e = N.C.
 T.R. =
 S.E. RUN =
 P.C. STA. = 0+81.39
 P.T. STA. = 2+97.52

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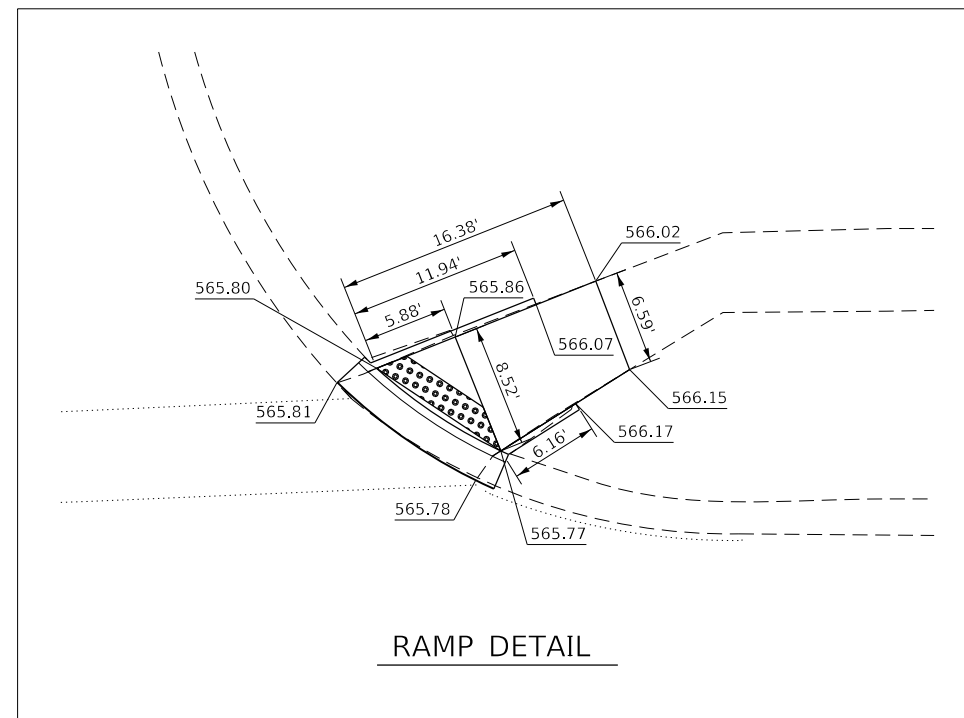
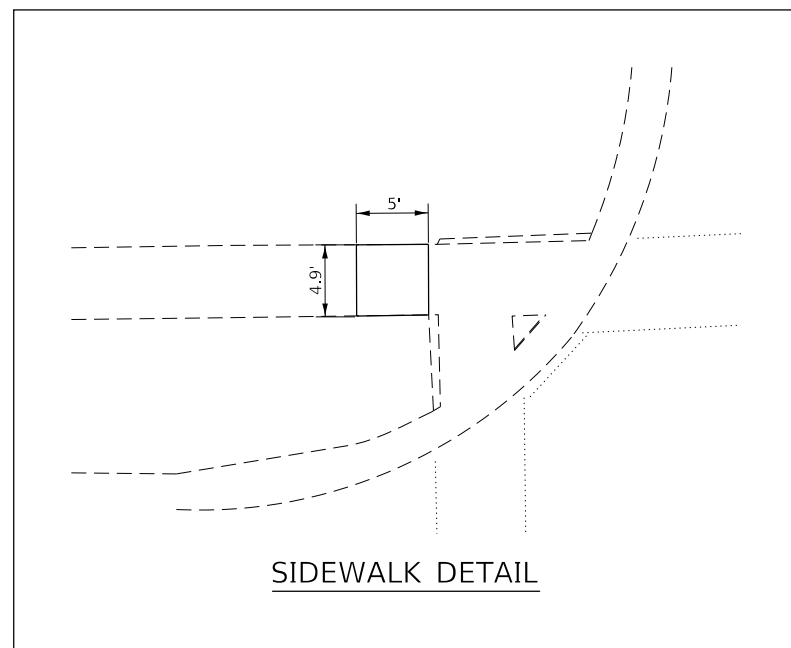
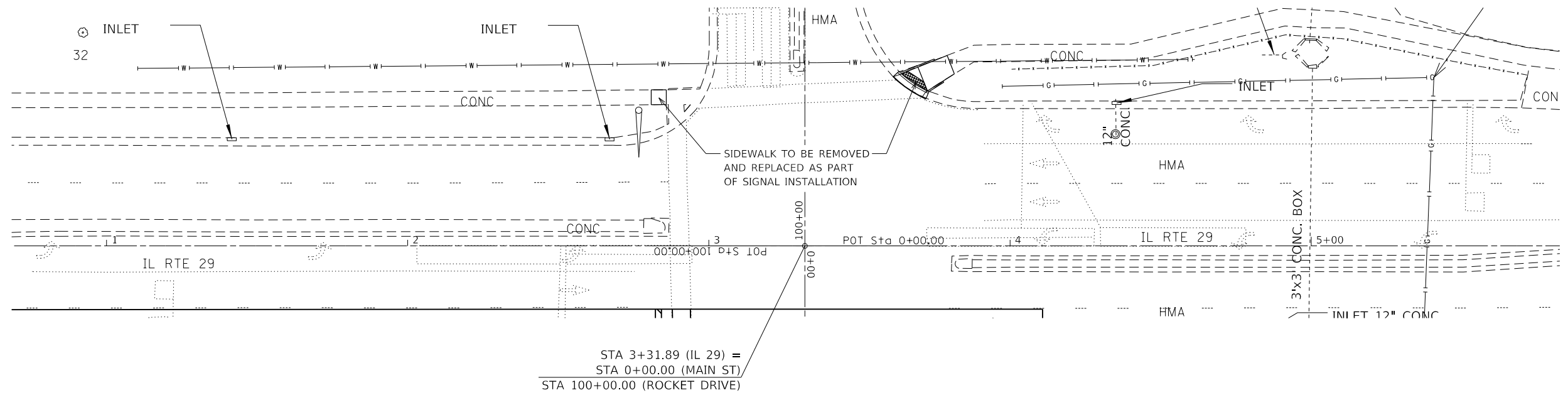
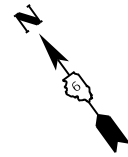
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PLOT DATE = 2/5/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAIL SHEET
 FAP 75 (IL 29)**

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	22
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				



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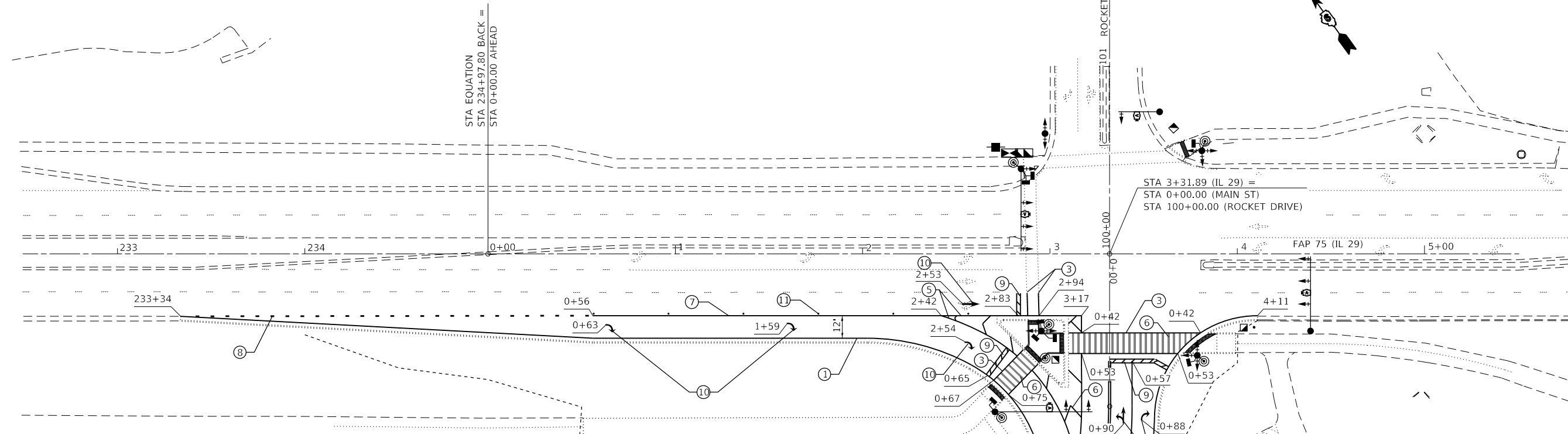
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PLOT DATE = 2/5/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAIL SHEET
FAP 75 (IL 29)**

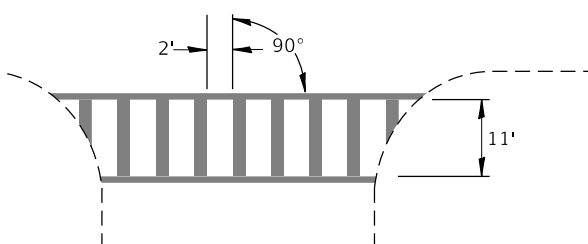
SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	23
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				



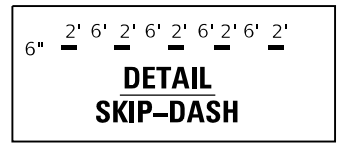
STA 3+31.89 (IL 29) =
 STA 0+00.00 (MAIN ST)
 STA 100+00.00 (ROCKET DRIVE)

STA EQUATION
 STA 234+97.80 BACK =
 STA 0+00.00 AHEAD



BIKE TRAIL CROSS WALK

* NOTE CROSSWALK WIDTH ON IL 29 IS 6' WIDE



**DETAIL
 SKIP-DASH**

PAVEMENT MARKING LEGEND		
①	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	(SOLID WHITE LINE)
②	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	(DOUBLE YELLOW)
③	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	(SOLID WHITE LINE)
④	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	(WHITE SKIP DASH)
⑤	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	(SOLID WHITE LINE)
⑥	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	(SOLID WHITE LINE)
⑦	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	(SOLID WHITE LINE)
⑧	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	(WHITE SKIP DASH)
⑨	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	(SOLID WHITE LINE)
⑩	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	(SOLID WHITE)
⑪	RAISED REFLECTIVE PAVEMENT MARKER	(ONE WAY CRYSTAL)

EXIST. CURVE 22
 PI STA. = 2+01.37
 $\Delta = 61^\circ 56' 06''$ (RT)
 $D = 28^\circ 39' 25''$
 $R = 199.94'$
 $T = 119.98'$
 $L = 216.13'$
 $E = 33.24'$
 $e = N.C.$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 0+81.39$
 $P.T. STA. = 2+97.52$

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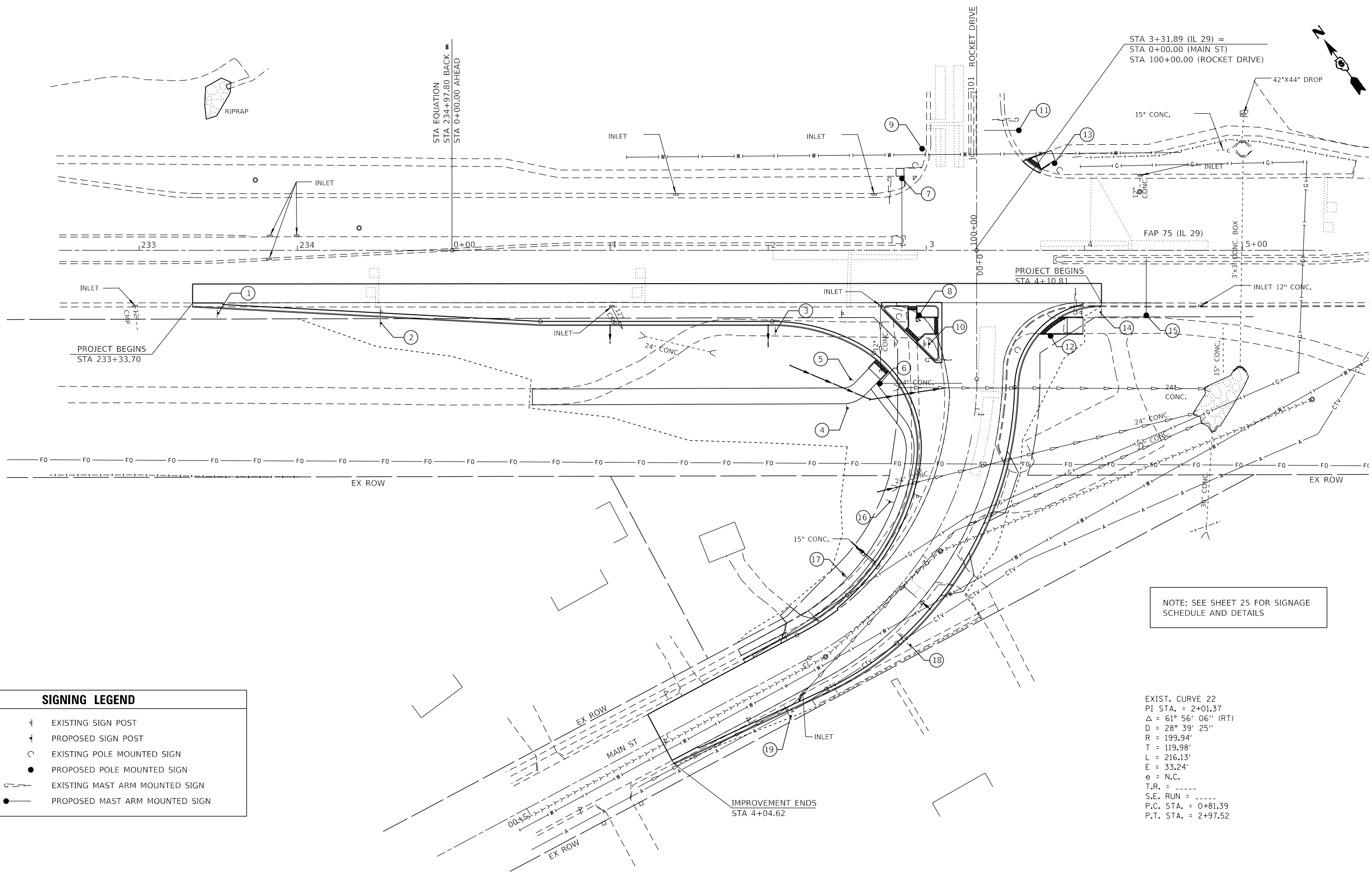
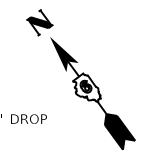
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PLOT DATE = 2/5/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN SHEET
 FAP 75 (IL 29)**

SCALE: 1"=30' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	24
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				



NOTE: SEE SHEET 25 FOR SIGNAGE SCHEDULE AND DETAILS

EXIST. CURVE 22
 PI STA. = 2+01.37
 $\Delta = 61^\circ 56' 06''$ (RT)
 $D = 28^\circ 39' 25''$
 $R = 199.94'$
 $T = 119.98'$
 $L = 216.13'$
 $E = 33.24'$
 $e = N.C.$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 0+81.39$
 $P.T. \text{ STA.} = 2+97.52$

SIGNING LEGEND	
	EXISTING SIGN POST
	PROPOSED SIGN POST
	EXISTING POLE MOUNTED SIGN
	PROPOSED POLE MOUNTED SIGN
	EXISTING MAST ARM MOUNTED SIGN
	PROPOSED MAST ARM MOUNTED SIGN

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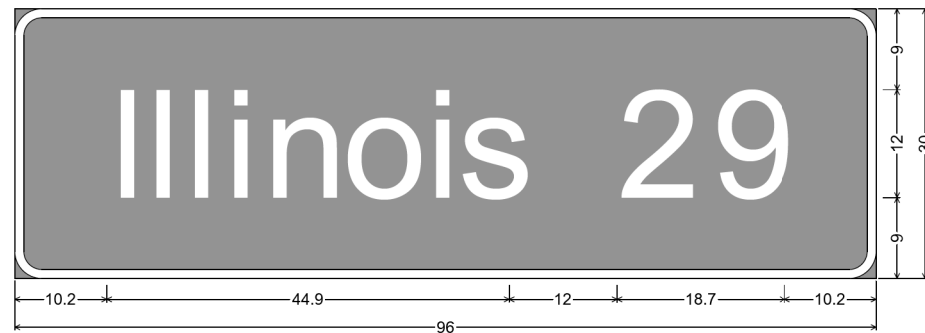
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIGNAGE PLAN
 FAP 75 (IL 29)

SCALE: 1" = 30' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	25
CONTRACT NO. 72F40				
		ILLINOIS	FED. AID PROJECT	

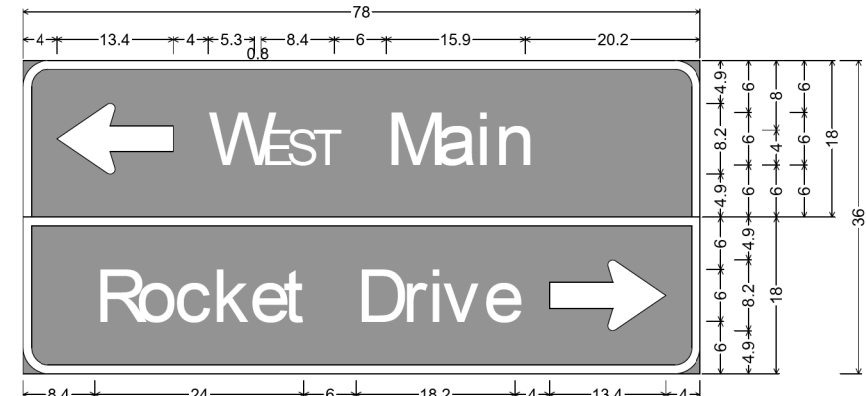
LOCATION NUMBER	PROPOSED LOCATION			EXISTING LOCATION		SIGN	MOUNTING	SIGN DESIGNATION	SIGN SIZE (in.)	72000100	72000200	72400320	72400500	72400600	72400710	No. of Posts	72800100	
	STATION	OFFSET	RT/LT	STATION	OFFSET					SIGN PANEL TYPE 1 (Sq. Ft.)	SIGN PANEL TYPE 2 (Sq. Ft.)	REL. SIGN PANEL TYPE 2 (Sq. Ft.)	REL. SIGN PANEL ASSEMBLY TYPE A (Each)	REL. SIGN PANEL ASSEMBLY TYPE B (Each)	REL. SIGN PANEL TYPE 1 (Sq. Ft.)		TELESCOPING STEEL SIGN SUPPORT (Foot)	
	IL 29																	
1	STA 233+50	40	RT			RIGHT TURN LANE	GROUND	R3-1100A	24 X 24	4.0	-	-	-	-	-	1	15.0	
2	STA 234+53	46	RT	STA 234+53	39	LOST BRIDGE TRAIL	GROUND	-	36 X 24	-	-	-	-	-	6.0	1	15.0	
3	STA 2+05	51	RT	STA 2+47	40	WATCH FOR PEDESTRIANS & BICYCLES IN CROSSWALK	GROUND	-	18 X 24	-	-	-	-	-	3.0	1	15.0	
4	STA 2+50	100	RT	STA 2+80	59	STOP SIGN	GROUND	R1-1	18 X 18	-	-	-	-	-	3.0	1	11.0	
5	STA 2+52	82	RT	STA 2+47	40	NO MOTOR VEHICLES	GROUND	R5-3	24 X 24	-	-	-	-	1	-	1	16.0	
						NO EQUESTRIANS		R9-14	24 X 24									
						LEASH REQUIREMENT/CLEAN UP AFTER PETS		-	12 X 18									
6	STA 2+71	84	RT	STA 3+01	69	ILLINOIS 29	MAST ARM	-	96 X 30	-	20.0	20.0	-	-	-	-	-	
7	STA 2+85	45	LT	STA 2+77	45	WEST MAIN/ROCKET DRIVE	MAST ARM	-	78 X 36	-	19.5	19.5	-	-	-	-	-	
8	STA 2+95	41	RT	STA 2+83	42	SCHOOL CROSSING	SIGNAL POST	S1-1 (FYG)	30 X 30	-	-	-	-	1	-	-	-	
						DIAGONAL ARROW		M6-2 (LEFT) (FYG)	21 X 15									
						NO TURN ON RED		R10-11	24 X 24									
						ON SCHOOL DAYS WHEN CHILDREN ARE PRESENT		S4-1103	24 X 12									
9	STA 2+97	64	LT	STA 2+93	54	NO TURN ON RED	SIGNAL POST	R10-11	24 X 24	-	-	-	1	-	-	-	-	
10	STA 3+02	59	RT	STA 2+99	59	ILLINOIS AVE.	GROUND	D3-1	28 X 6	-	-	-	1	-	-	-	-	
						WEST MAIN		D3-1	24 X 6									
11	STA 3+59	76	LT	STA 3+57	83	ILLINOIS 29	MAST ARM	-	96 X 30	-	20.0	20.0	-	-	-	-	-	
12	STA 3+79	54	RT	STA 3+58	63	NO TURN ON RED	SIGNAL POST	R10-11	24 X 24	-	-	-	1	-	-	-	-	
						ON SCHOOL DAYS WHEN CHILDREN ARE PRESENT		S4-1103	24 X 12									
						WATCH FOR PEDESTRIANS & BICYCLES IN CROSSWALK		-	18 X 24									
13	STA 3+81	55	LT	STA 3+84	51	SCHOOL CROSSING	SIGNAL POST	S1-1 (FYG)	30 X 30	-	-	-	-	1	-	-	-	
						DIAGONAL ARROW		M6-2 (LEFT) (FYG)	21 X 15									
						NO TURN ON RED		R10-11	24 X 24									
						ON SCHOOL DAYS WHEN CHILDREN ARE PRESENT		S4-1103	24 X 12									
14	STA 4+10	39	RT	STA 3+98	39	STOP SIGN	GROUND	R1-1	18 X 18	-	-	-	1	-	-	1	13.0	
15	STA 4+39	41	RT	STA 3+94	39	LEASH REQUIREMENT/CLEAN UP AFTER PETS	GROUND	-	12 X 18	-	-	-	-	-	-	-	-	
						WEST MAIN/ROCKET DRIVE	MAST ARM	-	78 X 36	-	19.5	19.5	-	-	-	-	-	
IL 29 TOTALS										4.0	79.0	79.0	4.0	3.0	12.0	6.0	85.0	
W. MAIN STREET																		
16	STA 1+80	35	RT	STA 1+67	21	SPEED LIMIT 30	GROUND	R2-1 (30)	24 X 30	-	-	-	1	-	-	1	16.0	
						SNOW EMERGENCY ROUTE	GROUND	-	18 X 24	-	-	-	-	-	9.0	1	16.0	
17	STA 2+45	31	RT	STA 2+45	30	LINCOLN VAN BUREN TRAIL	GROUND	-	36 X 36	-	-	-	-	-	9.0	1	16.0	
18	STA 2+45	31	LT	STA 2+45	22	BICYCLE CROSSING	GROUND	-	36 X 36	-	-	-	-	-	9.0	1	17.0	
19	STA 3+25	27	LT	STA 3+25	22	SLOW	GROUND	-	24 X 24	-	-	-	1	-	-	-	-	
						LEFT TURN WARNING ARROW		W1-2 (LEFT)	24 X 24									
W. MAIN STREET TOTALS										0.0	0.0	0.0	2.0	0.0	18.0	4.0	67.0	
PROJECT TOTALS										4	79	79	6	3	30	10	152	



3.0" Radius, 1.0" Border, White on Green;
 "Illinois 29" D 2K;

Table of letter and object lefts.

I	l	i	i	n	o	i	s	2	9
10.2	14.8	19.1	23.4	27.7	36.6	45.8	49.4	67.1	77.6



3.0" Radius, 1.0" Border, White on Green;
 Standard Arrow Custom 13.4" X 8.1" 180°; "WEST Main" D 2K;

3.0" Radius, 1.0" Border, White on Green;
 "Rocket Drive" D 2K; Standard Arrow Custom 13.4" X 8.1" 0°;

Table of letter and object lefts.

←	W	E	S	T	M	a	i	n			
4.0	21.4	27.5	30.3	33.4	41.9	47.6	52.1	54.3			
R	o	c	k	e	t	D	r	i	v	e	⇒
8.4	13.1	17.5	21.8	26.1	30.0	38.4	43.7	46.7	48.3	53.1	60.6

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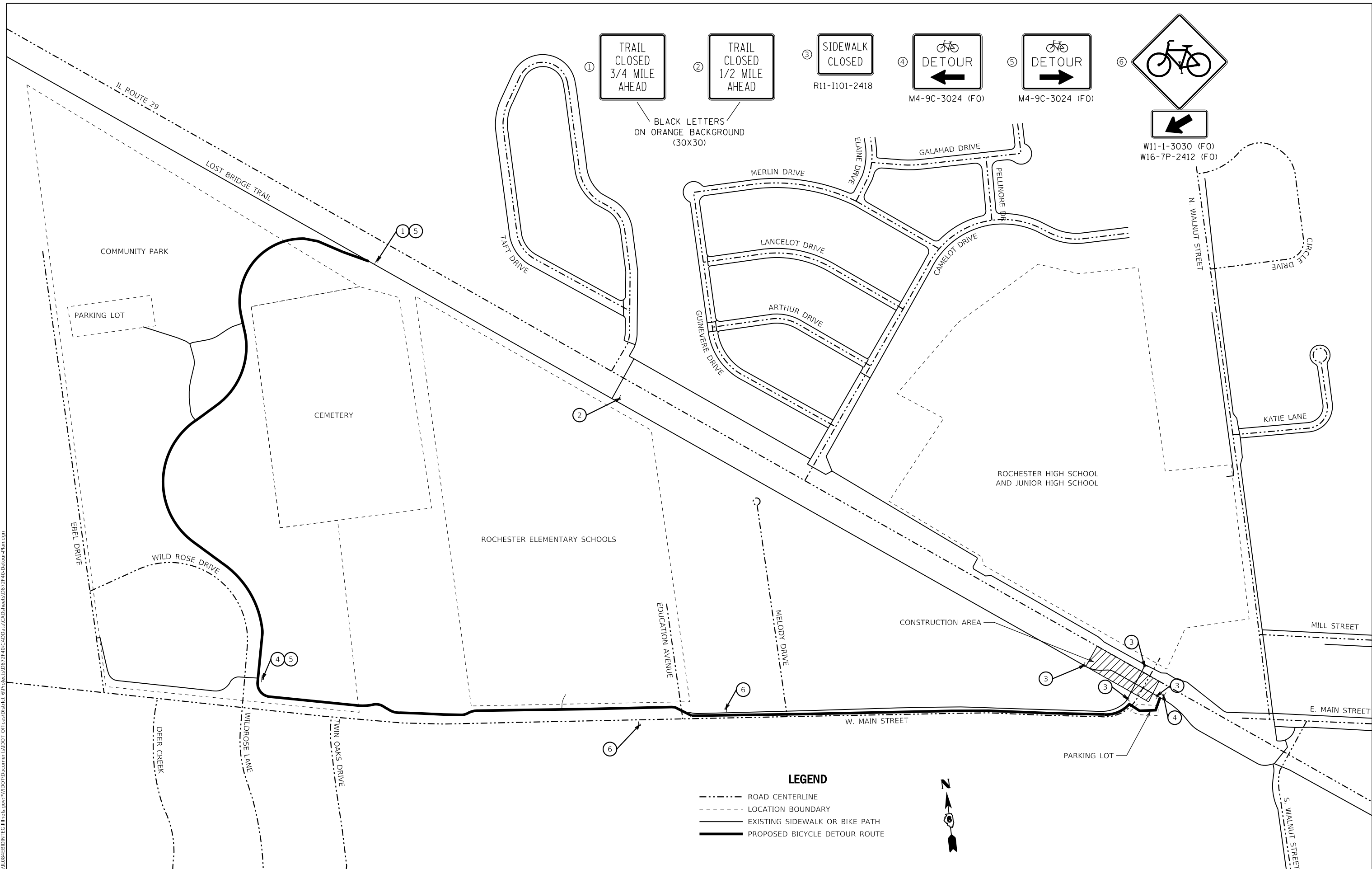
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNAGE SCHEDULE & DETAILS			
FAP 75 (IL 29)			
SCALE:	SHEET 1	OF 1	SHEETS
STA.		TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	26
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				

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① TRAIL CLOSED 3/4 MILE AHEAD
 ② TRAIL CLOSED 1/2 MILE AHEAD
 ③ SIDEWALK CLOSED R11-I101-2418
 ④ DETOUR M4-9C-3024 (FO) ←
 ⑤ DETOUR M4-9C-3024 (FO) →
 ⑥ W11-1-3030 (FO) W16-7P-2412 (FO)

BLACK LETTERS ON ORANGE BACKGROUND (30X30)

LEGEND

- ROAD CENTERLINE
- - - LOCATION BOUNDARY
- EXISTING SIDEWALK OR BIKE PATH
- PROPOSED BICYCLE DETOUR ROUTE



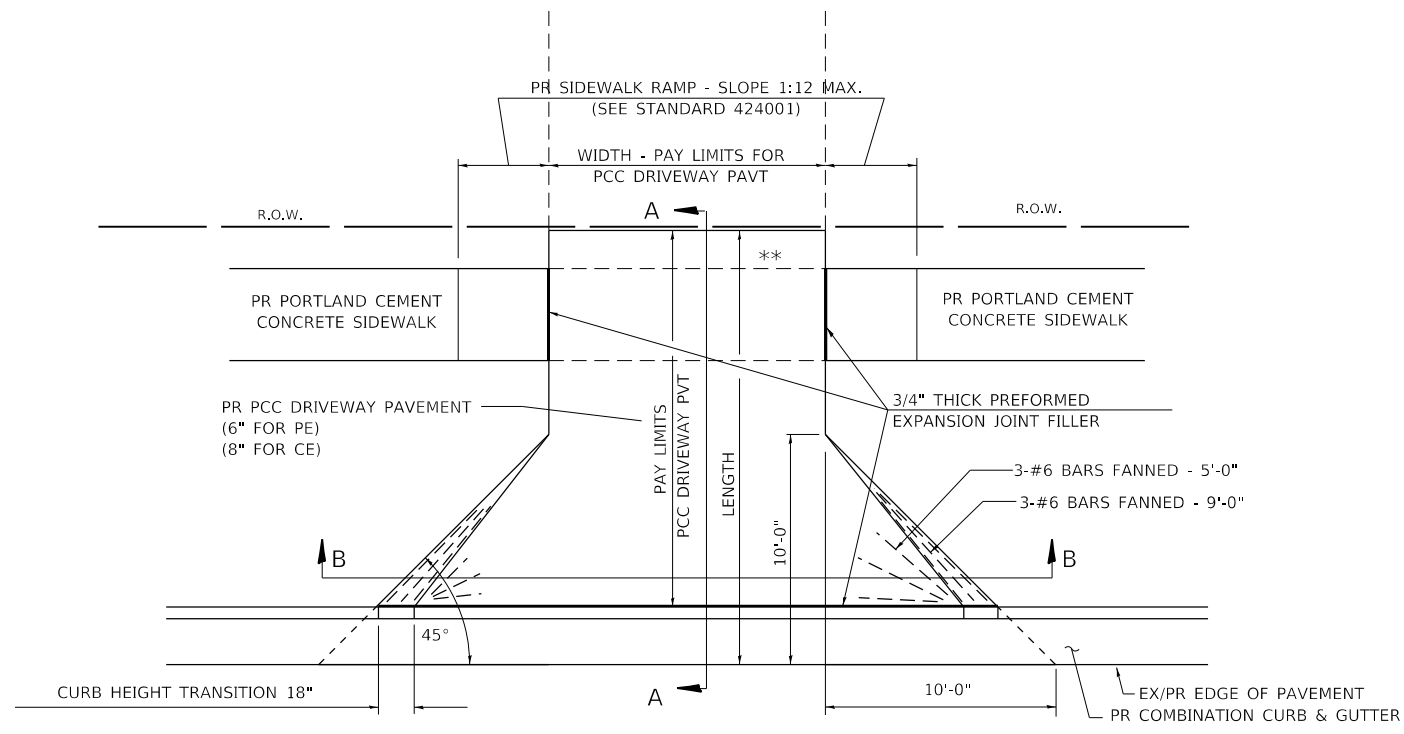
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

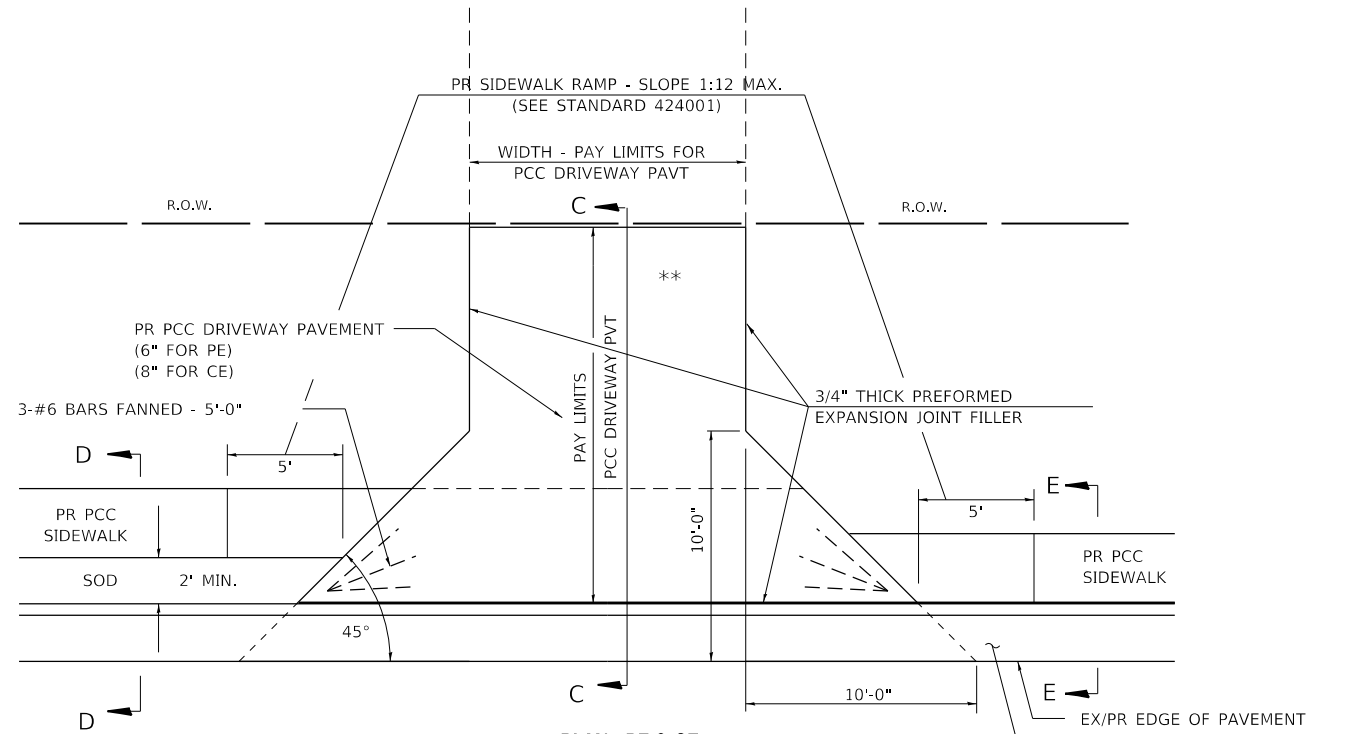
LOST BRIDGE TRAIL
DETOUR PLAN

SCALE: 1"=200' SHEET OF SHEETS STA. TO STA.

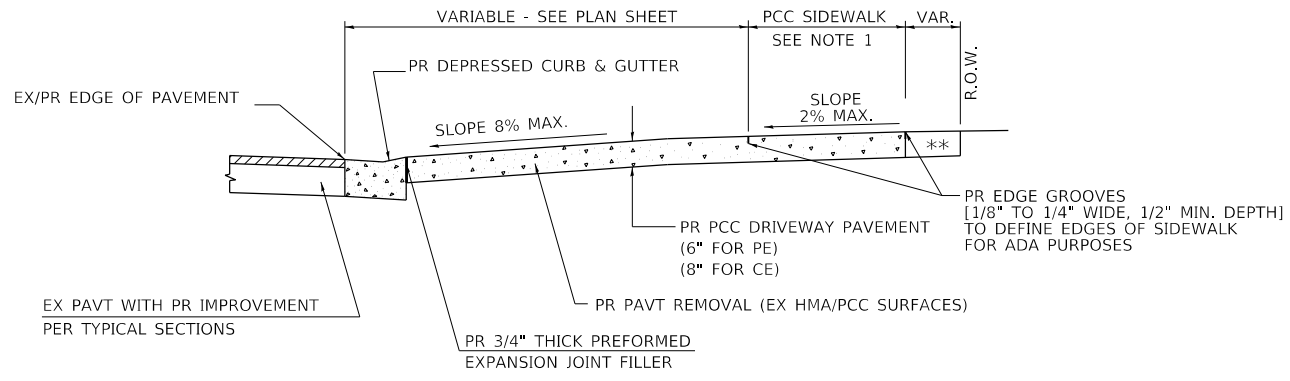
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	27
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				



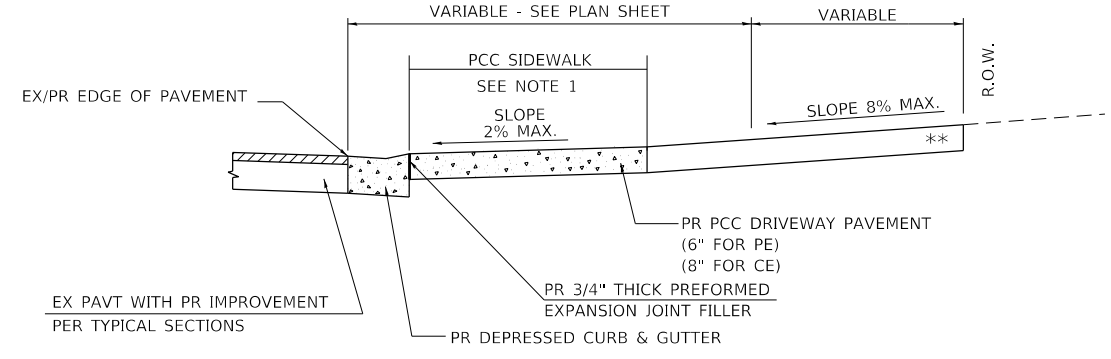
PLAN - PE & CE



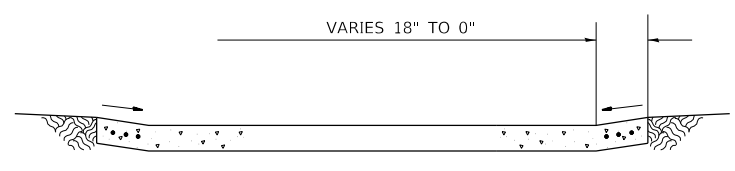
PLAN - PE & CE (SIDEWALK ADJACENT TO CURB)



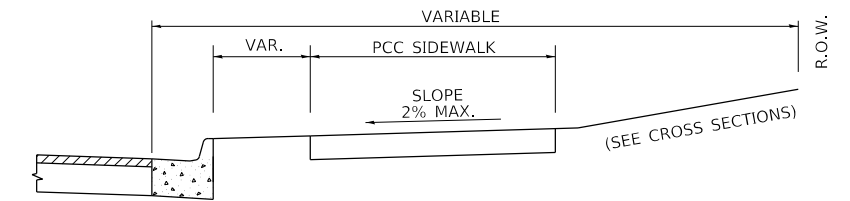
SECTION A - A



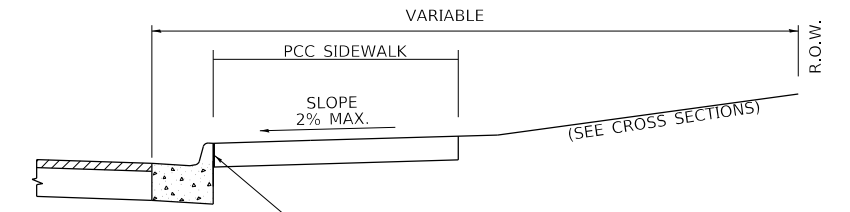
SECTION C - C



SECTION B - B



SECTION D - D



SECTION E - E

** MATCH IN KIND BEHIND SIDEWALK
 FOR EX EARTH OR AGGREGATE SURFACES :
 PR AGGREGATE BASE COURSE, TYPE B 6"- PE/FE
 PR PCC DRIVEWAY PAVT. 8"- CE

FOR EX HMA CONC. SURFACES :
 PR HMA CONCRETE 6"- PE
 PR HMA CONCRETE 8"- CE

FOR EX PCC SURFACES :
 PR PCC DRIVEWAY PAVT. 6"- PE
 PR PCC DRIVEWAY PAVT. 8"- CE

* NOTE : IN AREAS WITH NO SIDEWALK,
 MATCH IN KIND BEHIND 10'-0" FLARE

- NOTES:
- SEE PLAN SHEET / ENTRANCE PROFILE FOR LOCATION OF SIDEWALK.
 - THE COST OF FURNISHING AND INSTALLING THE 3/4" PREFORMED EXPANSION JOINT FILLER AND REINFORCEMENT BARS SHALL BE INCLUDED IN THE COST OF P.C.C. DRIVEWAY PAVEMENT.

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 OFFICE: DISTRICT 6
 DATE: 2/5/2018

ENT 3R C&G.DGN

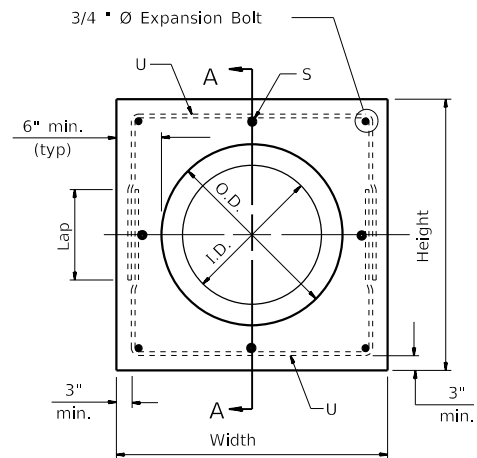
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

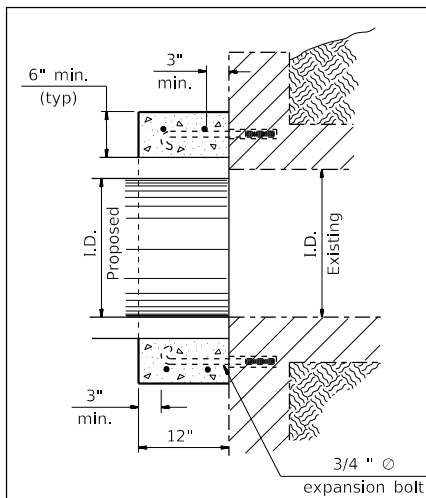
DISTRICT 6 DETAILS FOR ENTRANCE & MAILBOX
 TURNOUT IN CURB & GUTTER SECTION (3R - PROJECTS)

SCALE: SHEET OF SHEETS STA. TO STA.

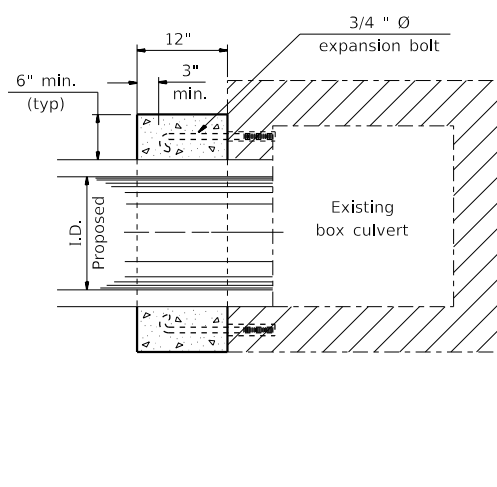
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	28
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				



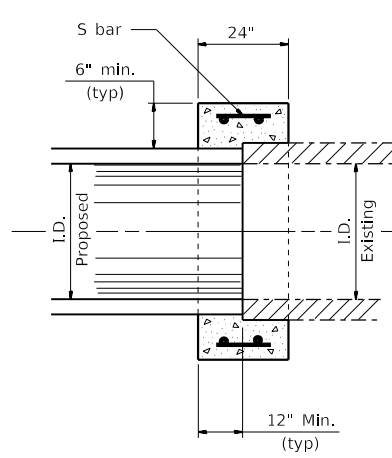
PIPE CULVERT EXTENSION COLLAR



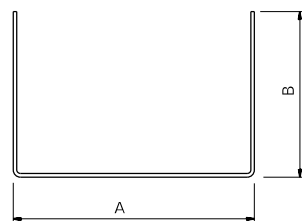
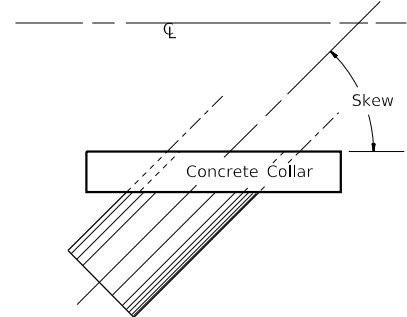
Section Type A
(Box end extension)



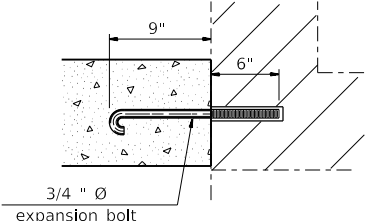
Section Type B
(Pipe in side extension)



Section Type C
(Pipe end to pipe end extension
No expansion bolts required)



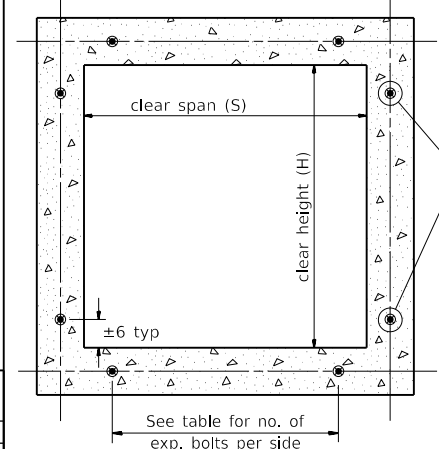
#4 U - bar



Expansion Bolt Detail

- Notes:
- Expansion bolts shall consist of self drilling expansion shields and 3/4" Ø hooked bolts. Hooked bolts shall extend a minimum of 9" into new concrete. Minimum Certified Proof Load - 4,080 lbs.
 - Use minimum of 1 (one) expansion bolt at each corner.

BOX CULVERT POURED IN PLACE EXTENSION



Section Thru Barrel

EXPANSION BOLTS REQUIRED FOR CULVERT EXTENSIONS

H or S	Extension ≤ 15ft		Extension > 15ft	
	No.	Spacing	No.	Spacing
24"	*	*	*	*
30"	2	18"	2	18"
36"	2	24"	2	24"
48"	3	18"	3	18"
60"	4	16"	3	24"
72"	5	15"	4	20"
84"	5	18"	4	24"
96"	6	17"	5	21"
108"	6	19"	5	24"
120"	7	18"	6	21"
132"	8	17"	6	24"
144"	8	19"	7	22"

Note: Number of expansion bolts in table based on non-skewed culverts.

* Use minimum 1 (one) expansion bolt in each corner.

Station	Section Type	Skew	Existing Culvert		Proposed Culvert		Collar		Reinforcement Bars							Expansion Bolts 3/4"	Class S1 Concrete Collar		
			Size	I.D.	O.D.	Height	Width	S bar			U bar				lb				
								No.	Size	Length	No.	Size	A	B				Lap	Length
RUN 204	C	N/A	24"	24"	30"	42"	66"	8	4	1'-6"	4	4	5'-0"	2'-1/2"	1'-1"	14'-1"	32.3	-	1.1
RUN 206	C	N/A	12"	12"	16"	28"	52"	8	4	1'-6"	4	4	3'-10"	1'-5-1/2"	1'-1"	10'-7"	26.1	-	0.6
Total												58		2					

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COLLAR.DGN

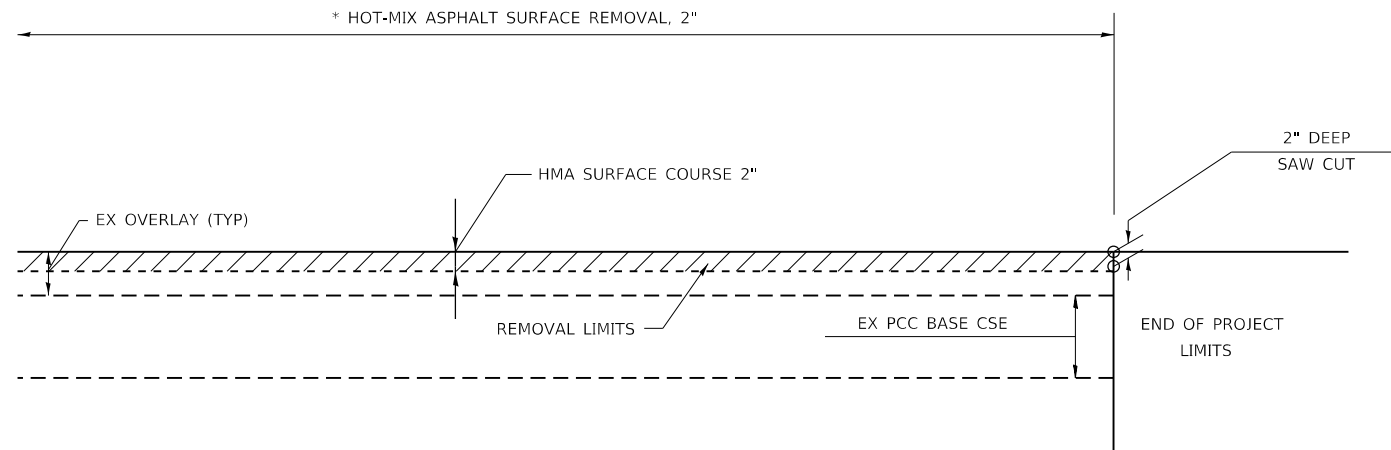
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONCRETE COLLAR AND
CULVERT EXTENSION DETAILS

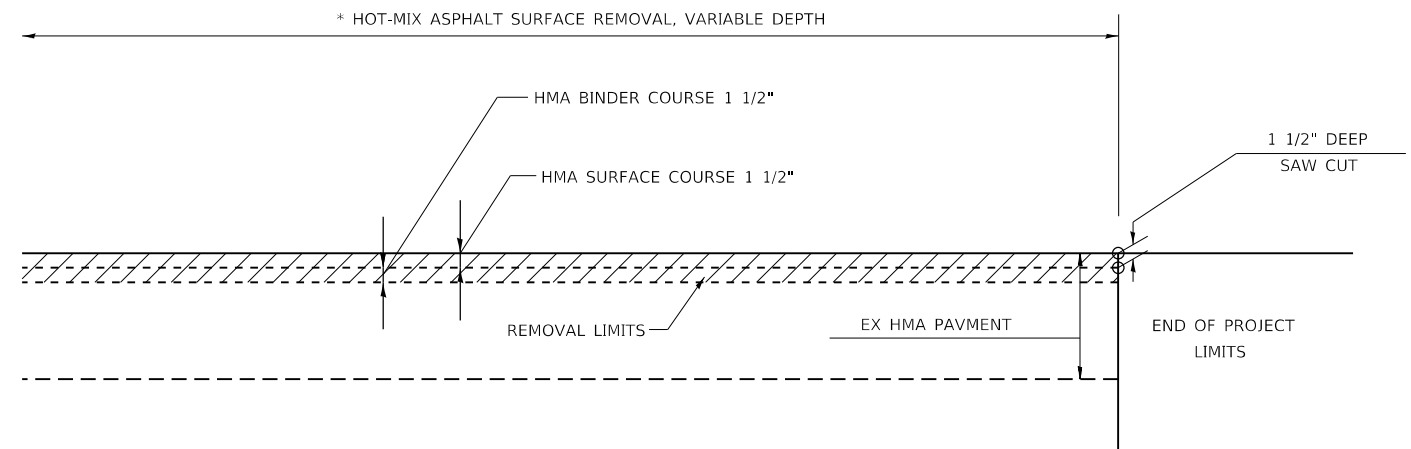
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	29
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				



IL 29 BUTT JOINT DETAIL

THE COSTS OF THE SAW CUT WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF HMA SURFACE REMOVAL - 2".



MAIN STREET BUTT JOINT DETAIL

THE COSTS OF THE SAW CUT WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF HMA SURFACE REMOVAL - VARIABLE DEPTH.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINT DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	30
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL PLAN LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED
ALUMINUM MAST ARM ASSEMBLY AND POLE			
STEEL MAST ARM ASSEMBLY AND POLE			
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			
SIGNAL POST			
CONTROLLER CABINET			
MASTER CONTROLLER			
RAILROAD CONTROLLER			
UNINTERRUPTABLE POWER SUPPLY			
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM			
TEMPORARY WOOD POLE W/ GUY			
SERVICE INSTALLATION (P) POLE OR (G) GROUND MOUNT			
TEMPORARY SIGNAL HEAD			
SIGNAL HEAD (NUMBER INDICATE NUMBER OF SECTIONS)			
SIGNAL HEAD WITH BACKPLATE			
FLASHER INSTALLATION (S DENOTES SOLAR POWER)			
PEDESTRIAN SIGNAL HEAD			
PEDESTRIAN PUSH-BUTTON DETECTOR			
ACCESSIBLE PEDESTRIAN PUSH-BUTTON DETECTOR			
PRIORITY VEHICLE DETECTOR			
CONFORMATION BEACON			
VIDEO DETECTOR SYSTEM			
HANDHOLE			
DOUBLE HANDHOLE			
HEAVY DUTY HANDHOLE			
JUNCTION BOX			
GULFBOX JUNCTION			
CONDUIT SPLICE			

ITEM	REMOVAL	EXISTING	PROPOSED
DETECTOR LOOP LARGE			
DETECTOR LOOP SMALL			
QUADRAPOLE DETECTOR LOOP			
DIRECT CONNECTED LOOP LEAD-IN (TWISTED)			
CONDUIT			

LENGTH - CONSTRUCTION (T=TRENCH, P=PUSHED, A=AGUERED, E= EXISTING)
 SIZE - TYPE (S=STEEL, P=PVC, F=FIBER DUCT, U=UNI-DUCT)

TRAFFIC SIGNAL DETAIL LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED
SIGNAL SECTION - SOLID RED			
SIGNAL SECTION - SOLID YELLOW			
SIGNAL SECTION - SOLID GREEN			
SIGNAL SECTION - RED TURN ARROW			
SIGNAL SECTION - YELLOW TURN ARROW			
SIGNAL SECTION - FLASHING YELLOW ARROW			
SIGNAL SECTION - GREEN TURN ARROW			
PEDESTRIAN SIGNAL HEAD			
PEDESTRIAN SIGNAL HEAD W/ COUNTDOWN TIMER			
TRAFFIC SIGNAL BACKPLATE			
SIGNAL SECTION WITH LOUVRE			
SIGNAL SECTION WITH DUAL INDICATION			
ELECTRIC CABLE (NUMBER INDICATES NUMBER OF CONDUCTORS)			
ELECTRIC CABLE IDENTIFIER TAPE CODES (R=RED, W=WHITE, Y=YELLOW, G=GREEN, B=BLUE, O=ORANGE, K=BLACK)			
DETECTOR LOOP			
QUADRAPOLE DETECTOR LOOP			

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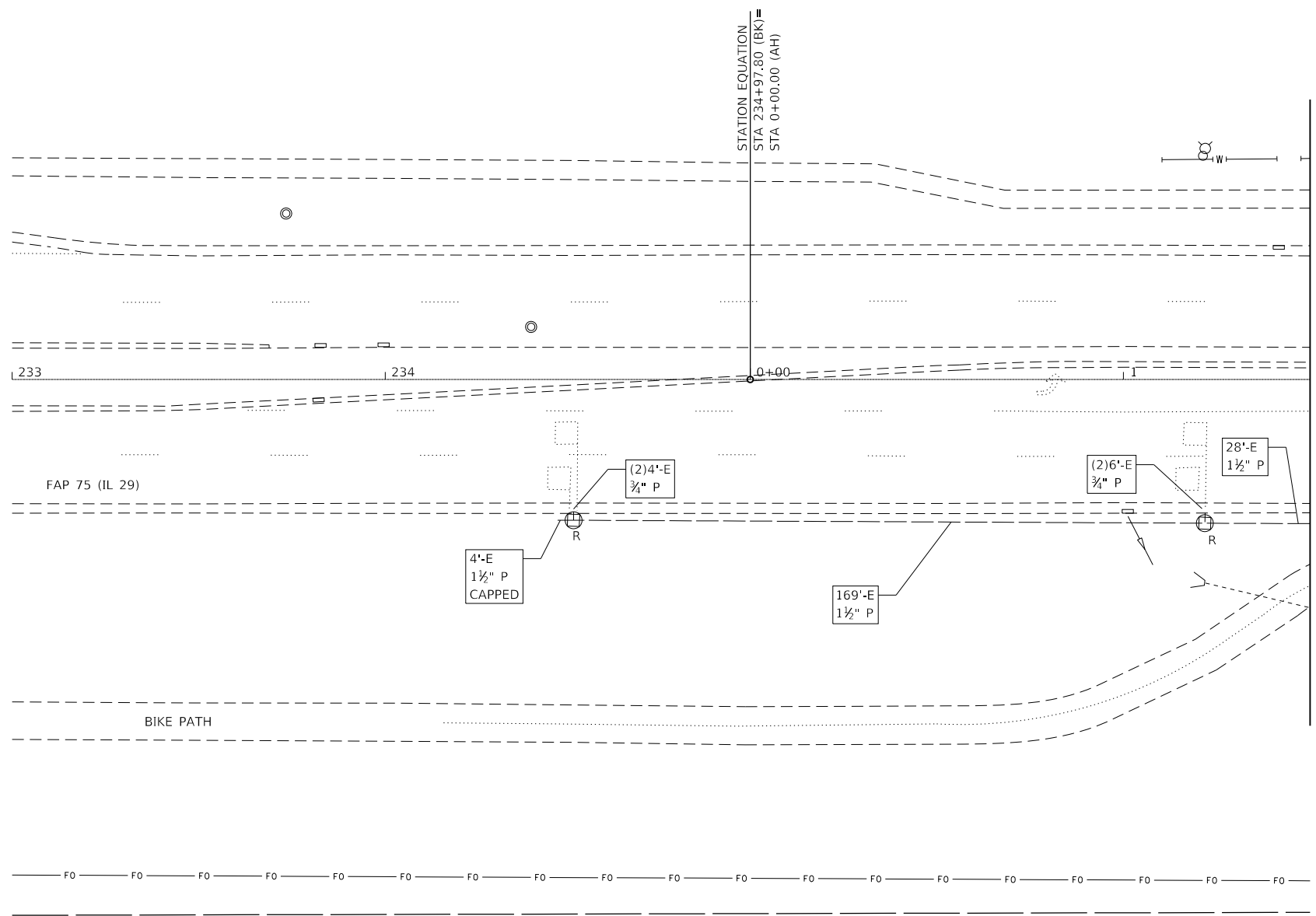
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PLOT DATE = 2/5/2018	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN
 & DETAIL LEGEND

SCALE: SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	31
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				



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PLOT DATE = 2/5/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EX TRAFFIC SIGNAL PLAN SHEET
FAP 75 (IL 29) & W MAIN ST

SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	32
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				

NOTES:

- REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT:

QTY	EA	ITEM
3	EA	MAST ARM ASSEMBLY AND POST
1	EA	COMBINATION MAST ARM ASSEMBLY AND POST
6	EA	SIGNAL POST
1	EA	TS CABINET
1	EA	TS CAMERA
5	EA	PUSH-BUTTONS
6	EA	PEDESTRIAN SIGNAL HEAD
7	EA	3-5 SIGNAL HEAD
4	EA	4-5 SIGNAL HEAD
7	EA	5-5 SIGNAL HEAD
41	EA	TOTAL
- INFORMATION SHOWN ON THE EXISTING TRAFFIC SIGNAL PLANS ARE BASED OFF OF HISTORICAL PLANS AND SHALL BE CONSIDERED FOR INFORMATIONAL PURPOSE ONLY.
- ALL REMOVAL OF TRAFFIC SIGNAL EQUIPMENT EXCEPT VIDEO DETECTION SYSTEM SHALL BECOME PROPERTY OF CONTRACTOR. VIDEO DETECTION SYSTEM SHALL BE TRANSFERRED OVER TO DISTRICT 6 OPERATIONS. THIS WORK WILL NOT BE PAID SEPARATELY. PHONE: (217) 524-9161.
- WHILE TEMPORARY SIGNALS ARE IN OPERATION, ALL EXISTING TRAFFIC SIGNAL NOT BEING REMOVED SHALL BE COVERED BY A METHOD APPROVED BY THE ENGINEER UNTIL THEY ARE PERMANENTLY TURNED ON.
- POLES USED FOR TEMPORARY SIGNAL INSTALLATION SHALL PROVIDE FOR MINIMUM OF 35 FT MOUNTING HEIGHT FOR VIDEO CAMERAS.
- EXISTING ELECTRIC CABLES IN CONDUIT SHALL BE TERMINATED AND SHALL BE LEFT ABANDONED WITH THE EX CONDUIT.

PR TEMPORARY SIGNAL DETAIL

MATCH LINE STA. 1+50.00

TEMP PHASING DIAGRAM

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMP & EX TRAFFIC SIGNAL PLAN SHEET
FAP 75 (IL 29) & W MAIN ST

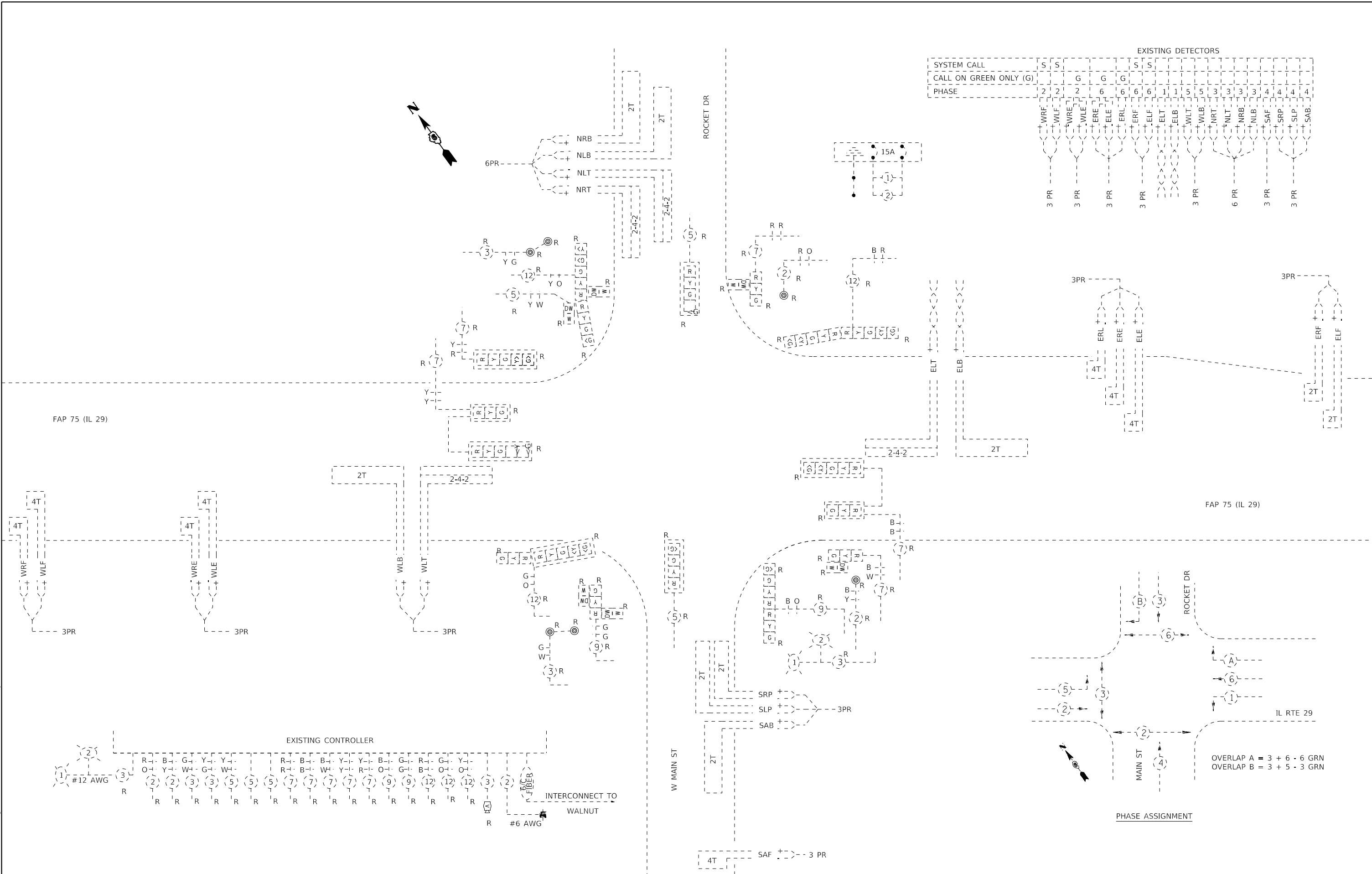
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SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.

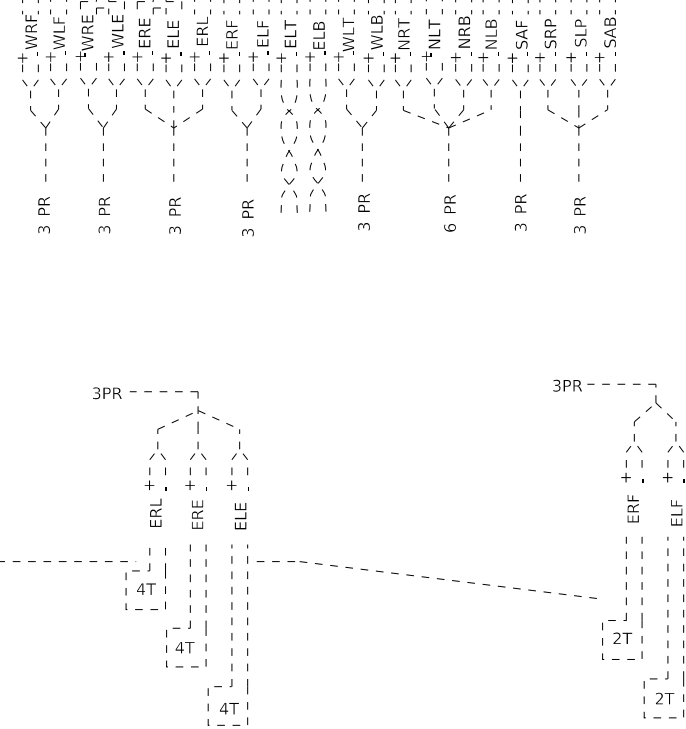
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	33
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				

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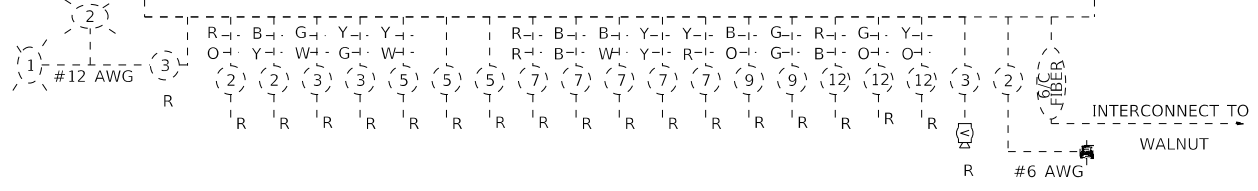


SYSTEM CALL	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
CALL ON GREEN ONLY (G)																				
PHASE	2	2	2	6	6	6	6	1	1	5	3	3	3	3	4	4	4	4	4	4



SYSTEM CALL	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
CALL ON GREEN ONLY (G)																				
PHASE	2	2	2	6	6	6	6	1	1	5	3	3	3	3	4	4	4	4	4	4

EXISTING CONTROLLER



**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EX TRAFFIC SIGNAL DETAIL SHEET
 FAP 75 (IL 29) & W MAIN ST**

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PLOT DATE = 2/5/2018	DATE -	REVISED -

SCALE:	SHEET 4 OF 8 SHEETS	STA.	TO STA.	F.A.P. RTE. 75	SECTION (6)I-2	COUNTY SANGAMON	TOTAL SHEETS 52	SHEET NO. 34
							CONTRACT NO. 72F40	
							ILLINOIS FED. AID PROJECT	

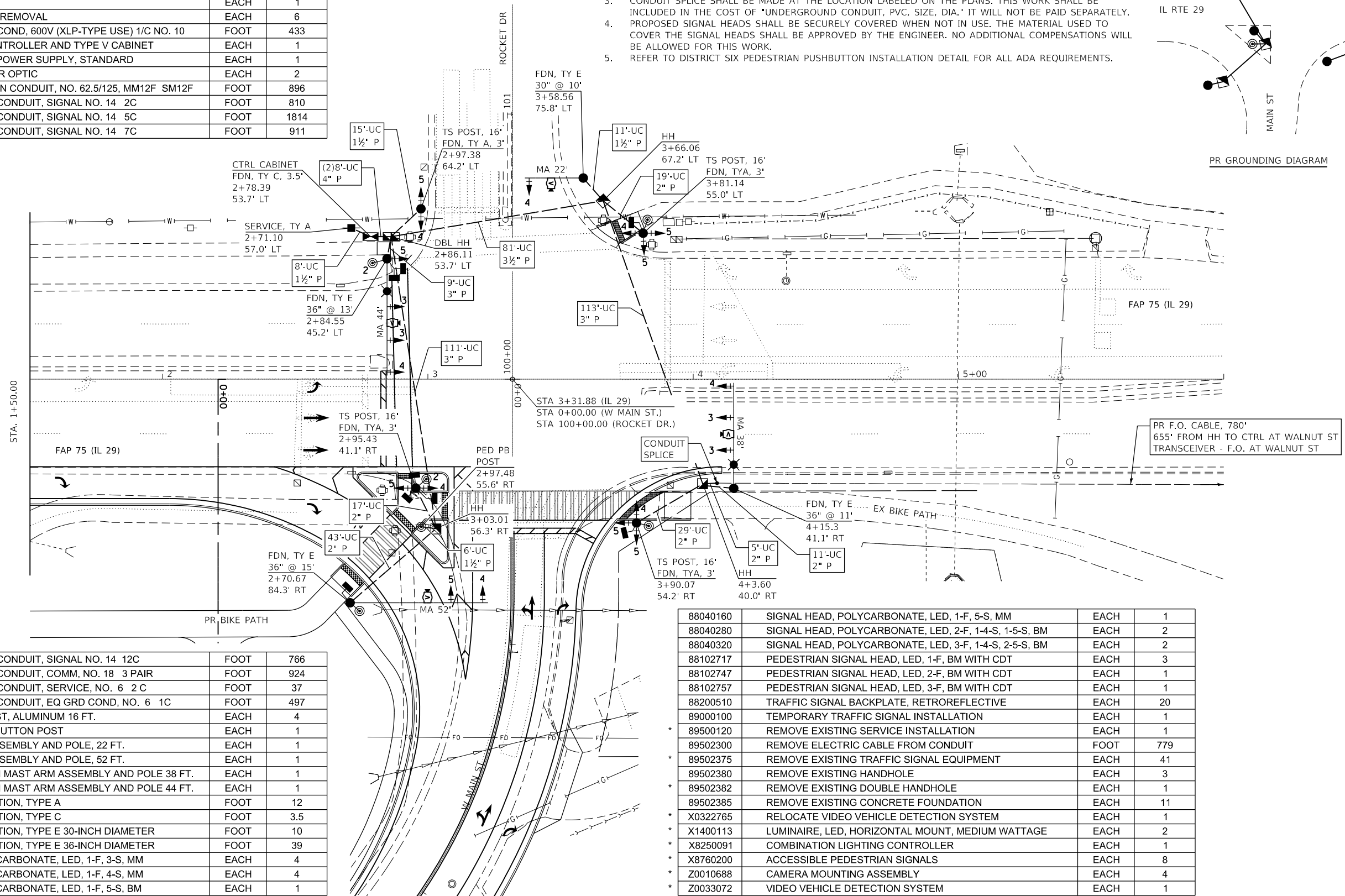
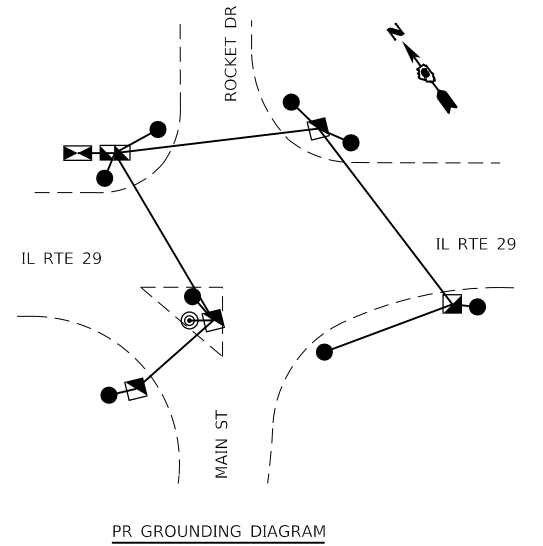
OVERLAP A = 3 + 6 - 6 GRN
 OVERLAP B = 3 + 5 - 3 GRN

TRAFFIC SIGNAL QTY: IL 29 & MAIN ST

ITEM NO.	ITEM	UNIT	QUANTITY
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	40
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	148
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	233
81028380	UNDERGROUND CONDUIT, PVC, 3 1/2" DIA.	FOOT	81
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	16
81400100	HANDHOLE	EACH	3
81400300	DOUBLE HANDHOLE	EACH	1
81500130	GULFBOX JUNCTION REMOVAL	EACH	6
81702110	ELECTRIC CABLE IN COND, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	433
85700300	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
86400100	TRANSCEIVER - FIBER OPTIC	EACH	2
87100020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	896
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	810
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1814
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	911

NOTES:

- THE PROPOSED VIDEO VEHICLE DETECTION SYSTEM SHALL BE UTILIZED IN CONJUNCTION WITH THE TEMPORARY TRAFFIC SIGNALS. ONCE THE PROPOSED TRAFFIC SIGNALS AND EQUIPMENT ARE OPERATIONAL, THE VIDEO VEHICLE DETECTION SYSTEM SHALL BE RELOCATED TO THE MAST ARM LOCATIONS ARE DESIGNED IN THE PLANS. THIS WORK SHALL BE PAID FOR, PER INTERSECTION, AS "RELOCATE VIDEO VEHICLE DETECTION SYSTEM."
- WHEN TRANSITIONING FROM TEMPORARY TO PROPOSED SIGNALS, THE INTERSECTION SHALL BE PLACED ON FLASHING RED MODE AND ALL DIRECTIONS SHALL BE FLAGGED UNTIL THE PROPOSED SIGNALS ARE FUNCTIONING PROPERLY.
- CONDUIT SPLICE SHALL BE MADE AT THE LOCATION LABELED ON THE PLANS. THIS WORK SHALL BE INCLUDED IN THE COST OF "UNDERGROUND CONDUIT, PVC, SIZE, DIA." IT WILL NOT BE PAID SEPARATELY. PROPOSED SIGNAL HEADS SHALL BE SECURELY COVERED WHEN NOT IN USE. THE MATERIAL USED TO COVER THE SIGNAL HEADS SHALL BE APPROVED BY THE ENGINEER. NO ADDITIONAL COMPENSATIONS WILL BE ALLOWED FOR THIS WORK.
- REFER TO DISTRICT SIX PEDESTRIAN PUSHBUTTON INSTALLATION DETAIL FOR ALL ADA REQUIREMENTS.



87301275	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	766
87301705	ELECTRIC CABLE IN CONDUIT, COMM, NO. 18 3 PAIR	FOOT	924
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	37
87301900	ELECTRIC CABLE IN CONDUIT, EQ GRD COND, NO. 6 1C	FOOT	497
87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	4
87602000	PEDESTRIAN PUSH-BUTTON POST	EACH	1
87700150	STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	1
87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1
87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1
87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	39
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-F, 3-S, MM	EACH	4
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-F, 4-S, MM	EACH	4
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-F, 5-S, BM	EACH	1

88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-F, 5-S, MM	EACH	1
88040280	SIGNAL HEAD, POLYCARBONATE, LED, 2-F, 1-4-S, 1-5-S, BM	EACH	2
88040320	SIGNAL HEAD, POLYCARBONATE, LED, 3-F, 1-4-S, 2-5-S, BM	EACH	2
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-F, BM WITH CDT	EACH	3
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-F, BM WITH CDT	EACH	1
88102757	PEDESTRIAN SIGNAL HEAD, LED, 3-F, BM WITH CDT	EACH	1
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	20
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502300	REMOVE EXISTING ELECTRIC CABLE FROM CONDUIT	FOOT	779
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	41
89502380	REMOVE EXISTING HANDHOLE	EACH	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	11
X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	1
X1400113	LUMINAIRE, LED, HORIZONTAL MOUNT, MEDIUM WATTAGE	EACH	2
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	4
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1

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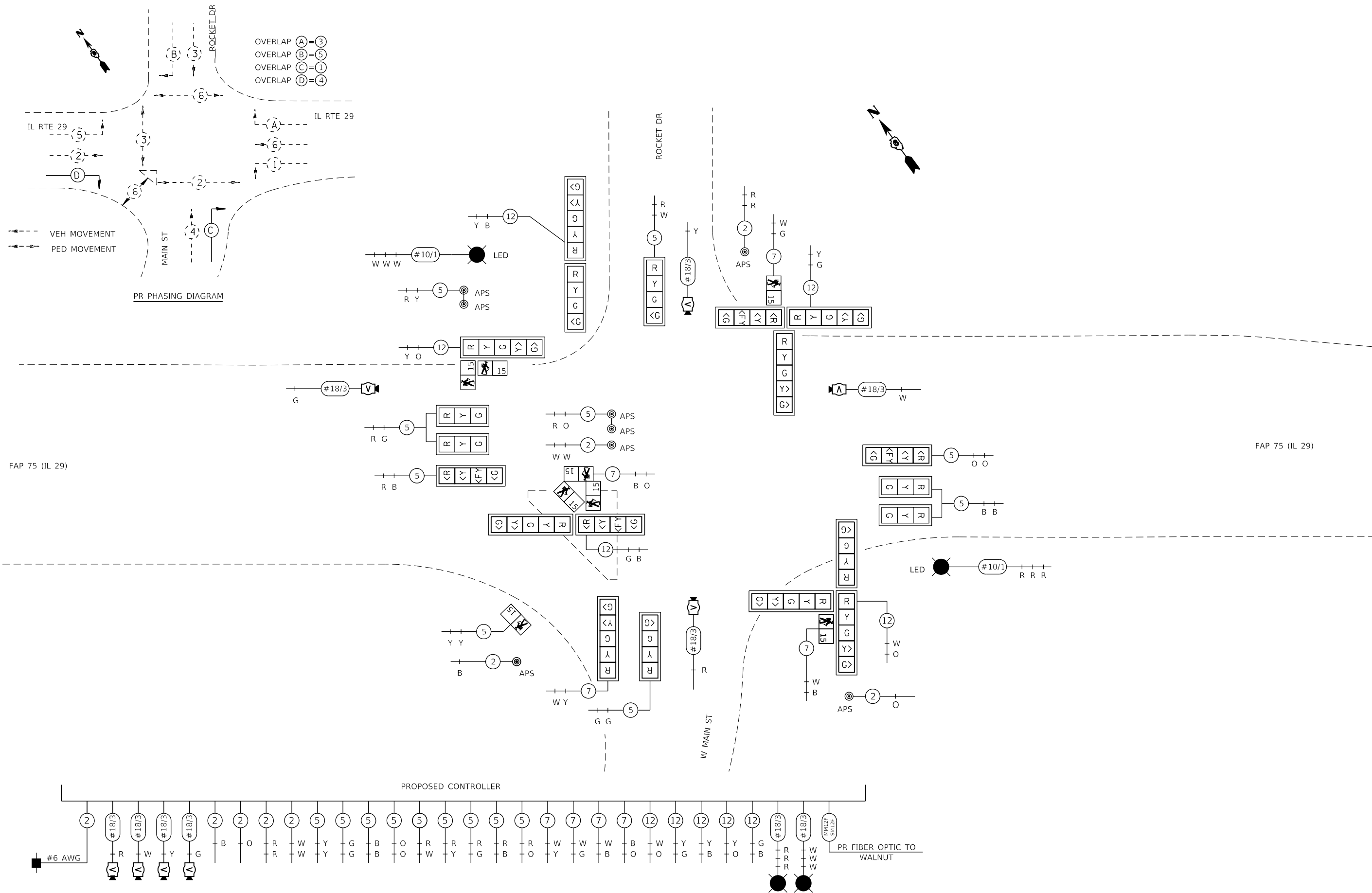
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PLOT DATE = 2/5/2018		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PR TRAFFIC SIGNAL PLAN SHEET
FAP 75 (IL 29) & W MAIN ST

SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	35
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				



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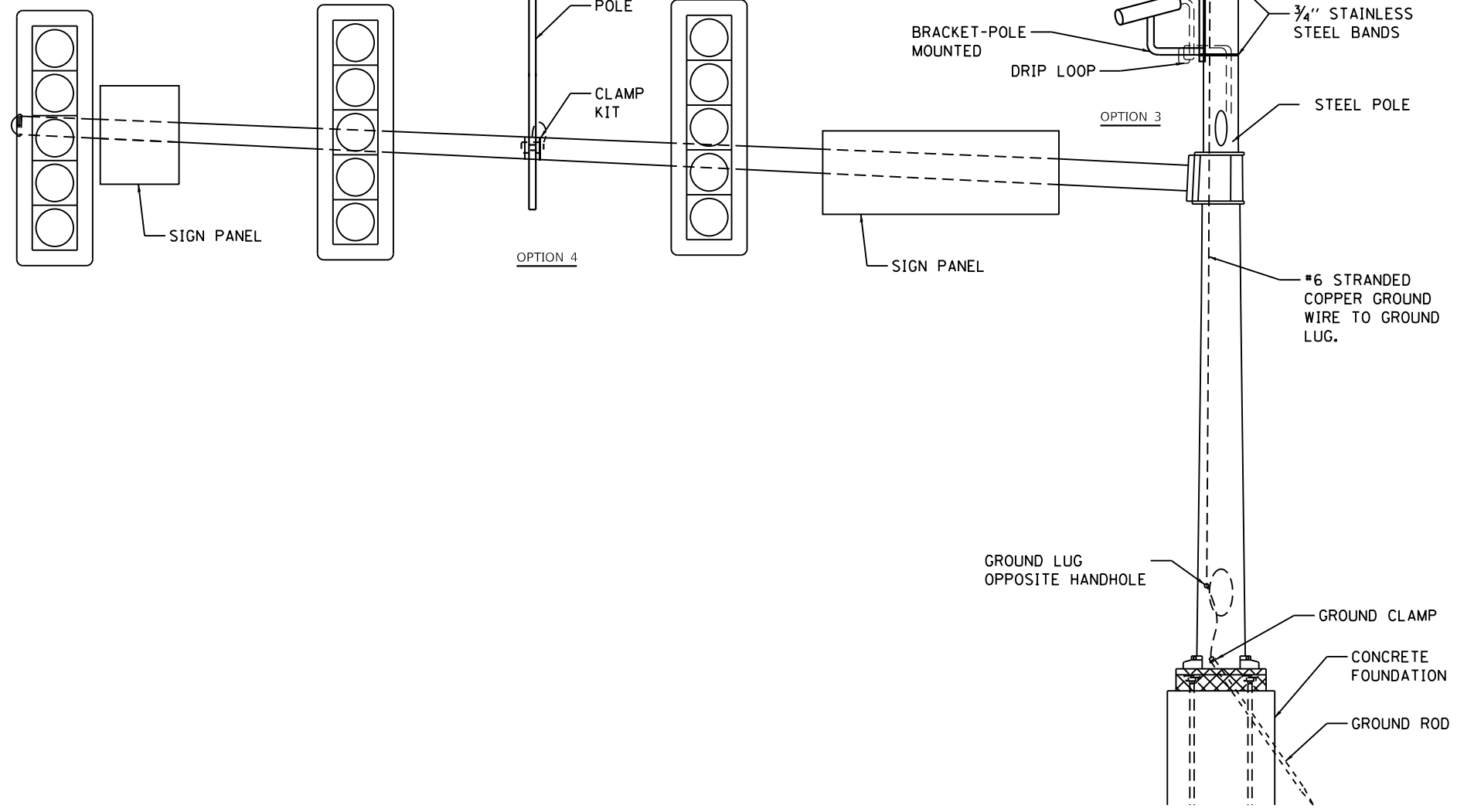
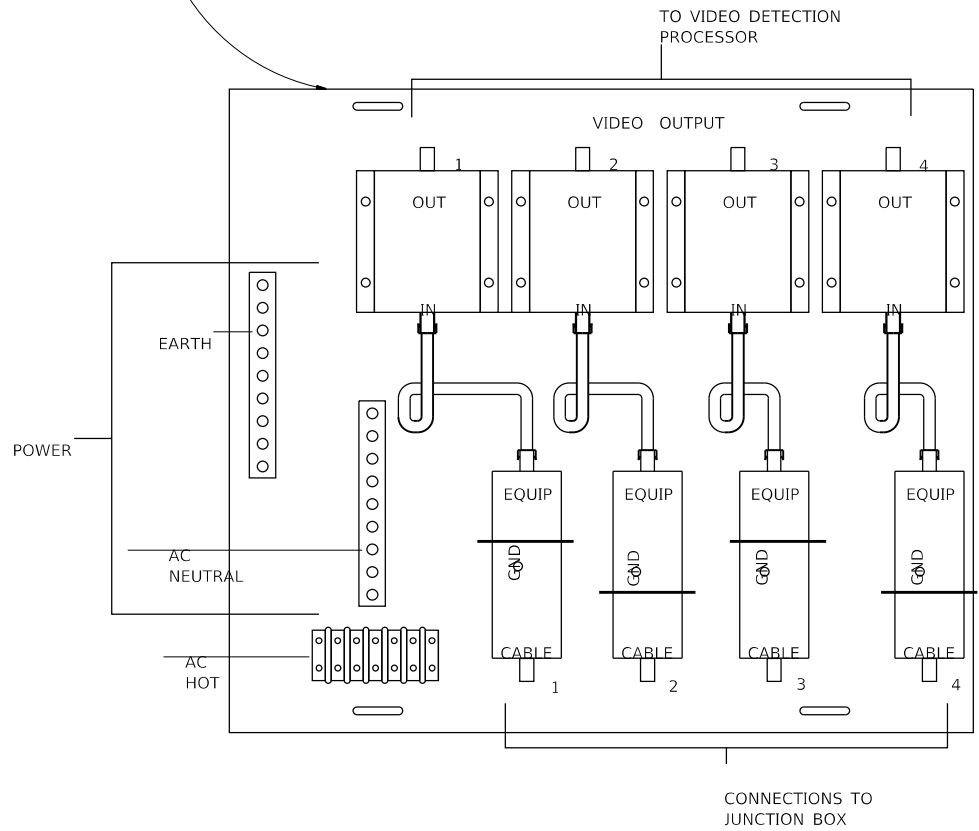
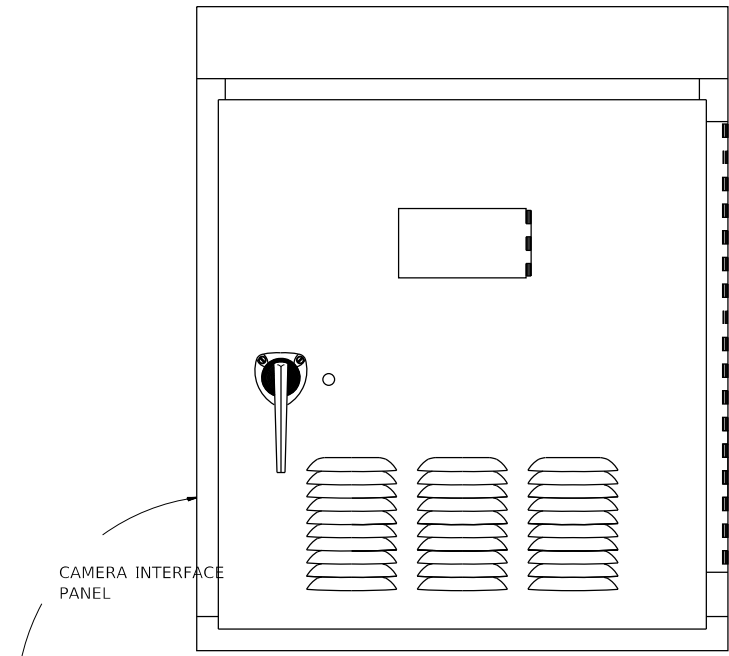
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PLOT DATE = 2/5/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PR TRAFFIC SIGNAL DETAIL SHEET
FAP 75 (IL 29) & W MAIN ST

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	36
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.



VIDEO DETECTION SYSTEM INSTALLATION
ARM MOUNTED, MAST-ARM MOUNTED, OR POLE MOUNTED

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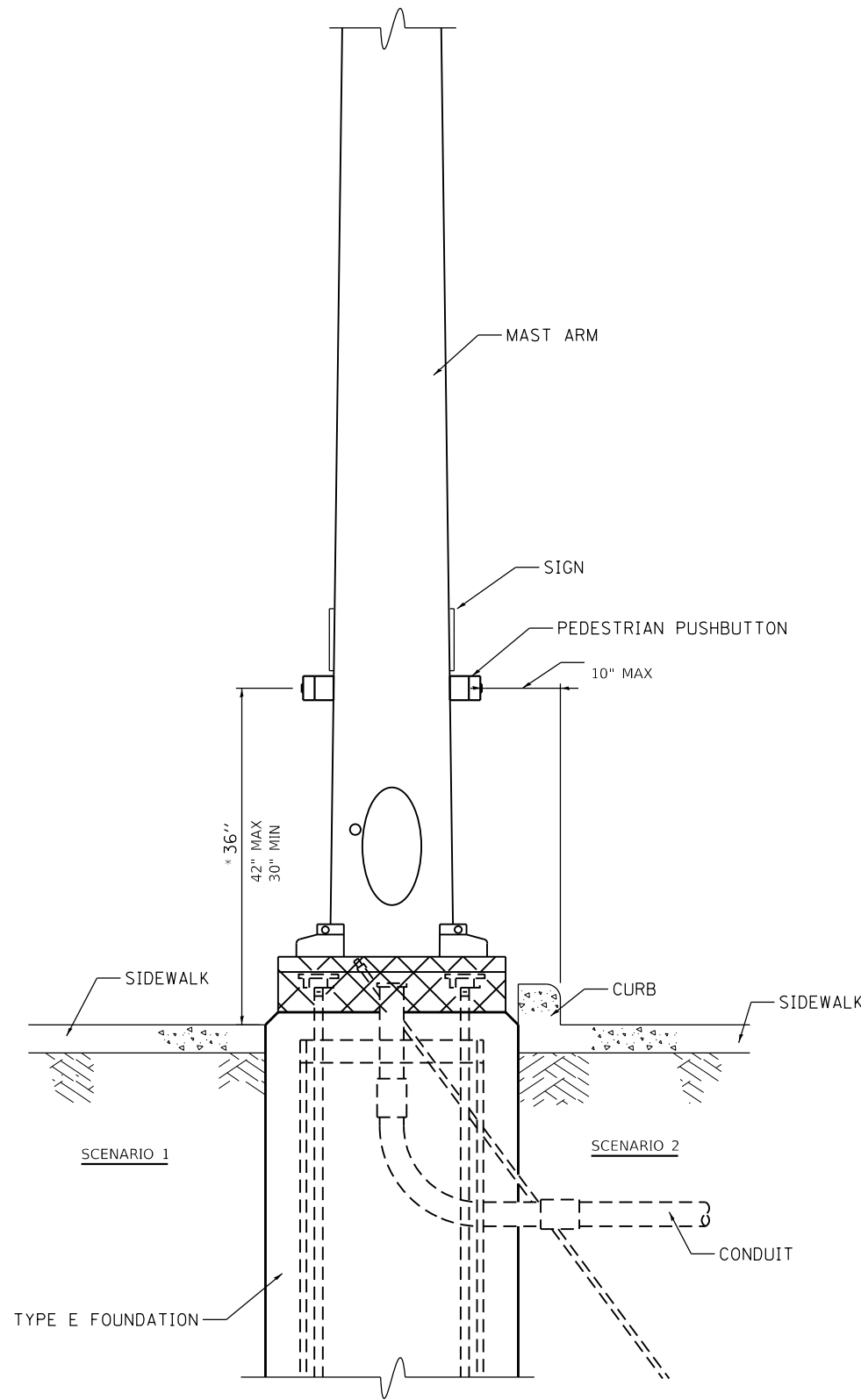
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

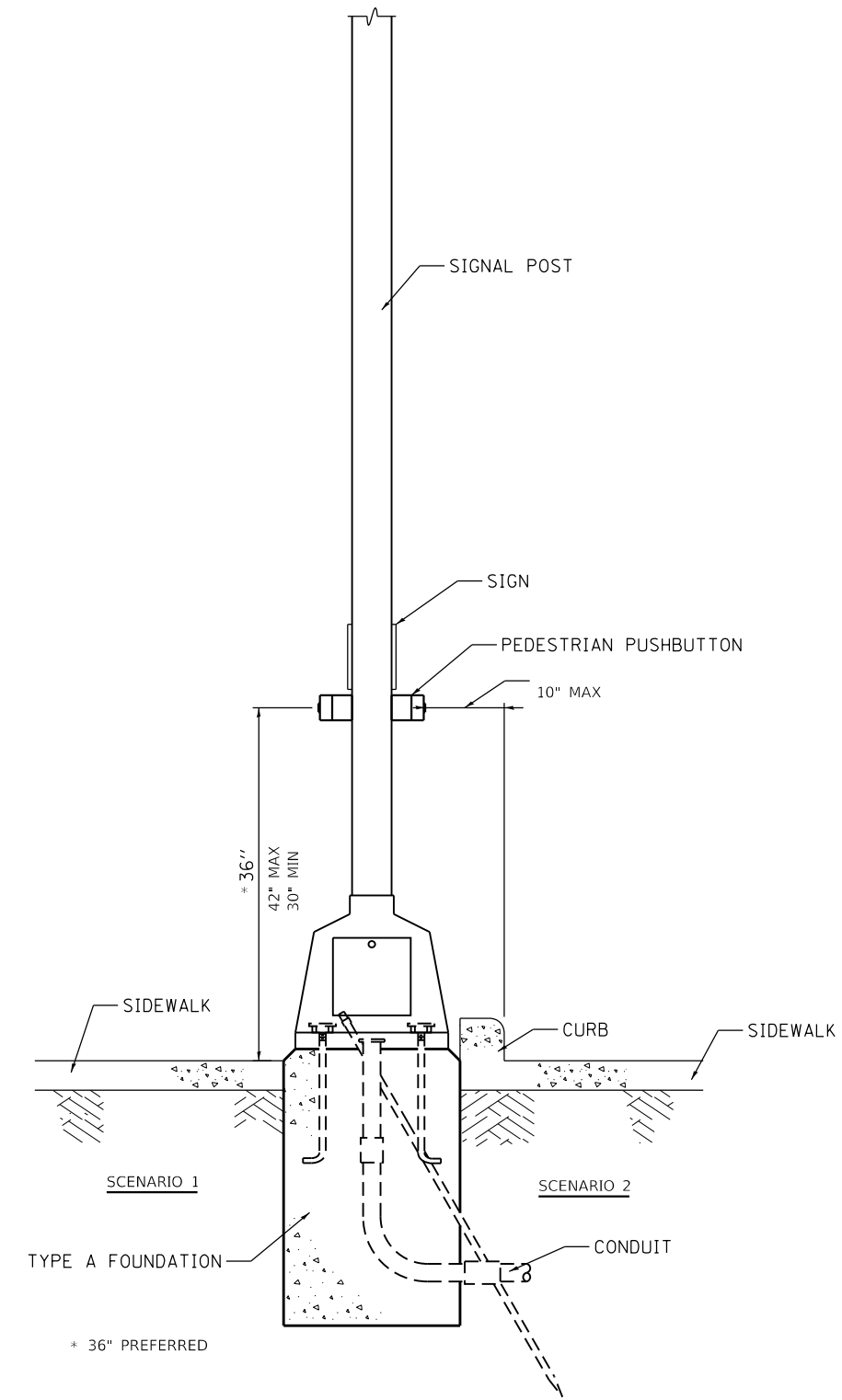
DISTRICT 6
VIDEO DETECTION SYSTEM INSTALLATION DETAIL

SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

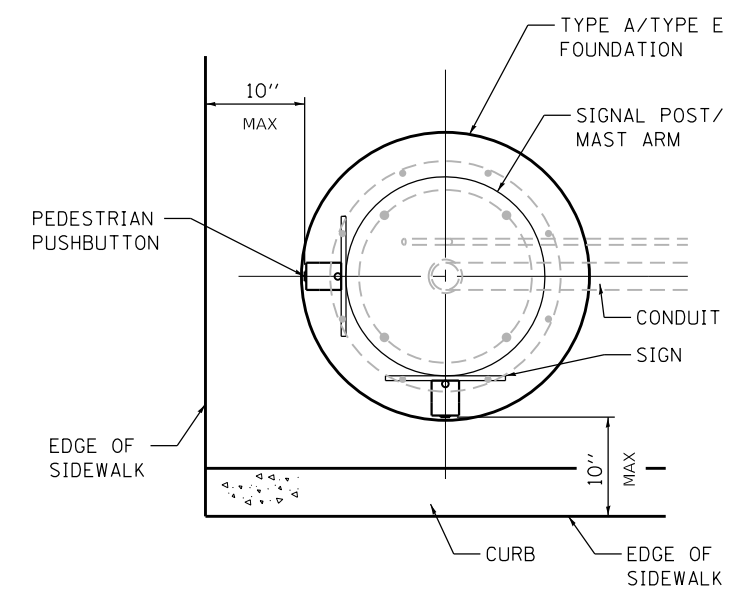
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	37
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				



PEDESTRIAN PUSHBUTTON INSTALLATION, MAST ARM



PEDESTRIAN PUSHBUTTON INSTALLATION, SIGNAL POST



PEDESTRIAN PUSHBUTTON INSTALLATION, TOP VIEW

NOT TO SCALE

GENERAL NOTES

1. PREFERRED MOUNTING HEIGHT OF THE PUSHBUTTON SHALL BE APPROXIMATELY 3 FEET. THE HEIGHT SHALL BE MAXIMUM OF 3.5 FEET AND MINIMUM OF 2.5 FEET ABOVE SIDEWALK.
2. REACH OF THE PUSHBUTTON SHALL BE A MAXIMUM OF 10 INCHES FROM THE EDGE OF THE SIDEWALK.
3. PUSHBUTTON SHALL BE UNOBSTRUCTED AND ADJACENT TO ALL-WEATHER SURFACE TO PROVIDE ACCESS FROM A WHEELCHAIR.
4. IN ANY CASE THE 10 INCH MAXIMUM DISTANCE IS NOT ACHIEVED, MODULAR EXTENSION BRACKETS SHALL BE INSTALLED. THE COST AND LABOR OF INSTALLING EXTENSION BRACKET SHALL BE INCLUDED IN THE COST OF PEDESTRIAN PUSHBUTTON.
5. THE PUSHBUTTON FACE SHOULD BE PARALLEL TO THE CROSSWALK IT CONTROLS.

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PLOT DATE = 2/5/2018	DATE -	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT SIX PEDESTRIAN
PUSHBUTTON INSTALLATION DETAIL**

SCALE: SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	38
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				



SOIL BORING LOG

Date 12/3/14

ROUTE IL-29/Rocket Drive DESCRIPTION Traffic Signal Mast Arm Over IL-29 LOGGED BY M. Tappan

SECTION 6(I-2) LOCATION NE 1/4, SEC. 16, TWP. 15N, RNG. 4W, 3 PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. NA	D E P T H	B L O S S	U C S	M O I S T	Surface Water Elev. NA ft	D E P T H	B L O S S	U C S	M O I S T	
Station NA	(ft)	(ft)	/6"	(tsf)	(%)	Stream Bed Elev. NA ft	(ft)	/6"	(tsf)	(%)
BORING NO. 1-TS					Groundwater Elev.:					
Station 2+66.5					▽ First Encounter 547.0 ft					
Offset 58.0ft RT					▽ Upon Completion Plugged ft					
Ground Surface Elev. 567.95 ft					▽ After Plugged Hrs. ft					

Dark Brown Moist SILTY CLAY (Disturbed)	0				Dark Gray Dirty Medium SAND	2"			
	4	1.0	26			1			
	6	P			545.45	44			
						57			
Light Grey and Brown Moist SILTY CLAY	1				Dark Gray CLAY LOAM (Till) with SILT Seams and Slicker Sides.	2"			
	4	1.8	24			1			
	5	B			542.95	12	2.1	17	
						34	S-12		
Light Grey and Brown Moist SILTY CLAY with Iron Oxide Staining	1				Boring Completed				
	3	1.7	24						
	6	B							
Brown and Light Grey Moist SILTY CLAY to Light Grey Moist SILTY CLAY LOAM	1								
	3	1.0	26						
	4	B							
Light Brown SILTY CLAY LOAM (Till) with Iron Oxide Stains	1								
	5	2.4	13						
	9	S-12							
Light Brown Dry CLAY LOAM (Till)	1								
Sample Broken	3								
	20	10.0	9						
	41	E							
Dark Gray CLAY LOAM (Till)	5								
Sample Broken	38	10.0+	7						
	50	E							
Dark Gray CLAY LOAM (Till) with 4" SILT Seam	4								
Sample Broken	51	10.0	9						
	50	E							

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Latitude: 39.451028N Longitude: 89.32717W Datum: NAD83 Job Number: 0-26-055-12

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING
FAP 75 (IL 29)

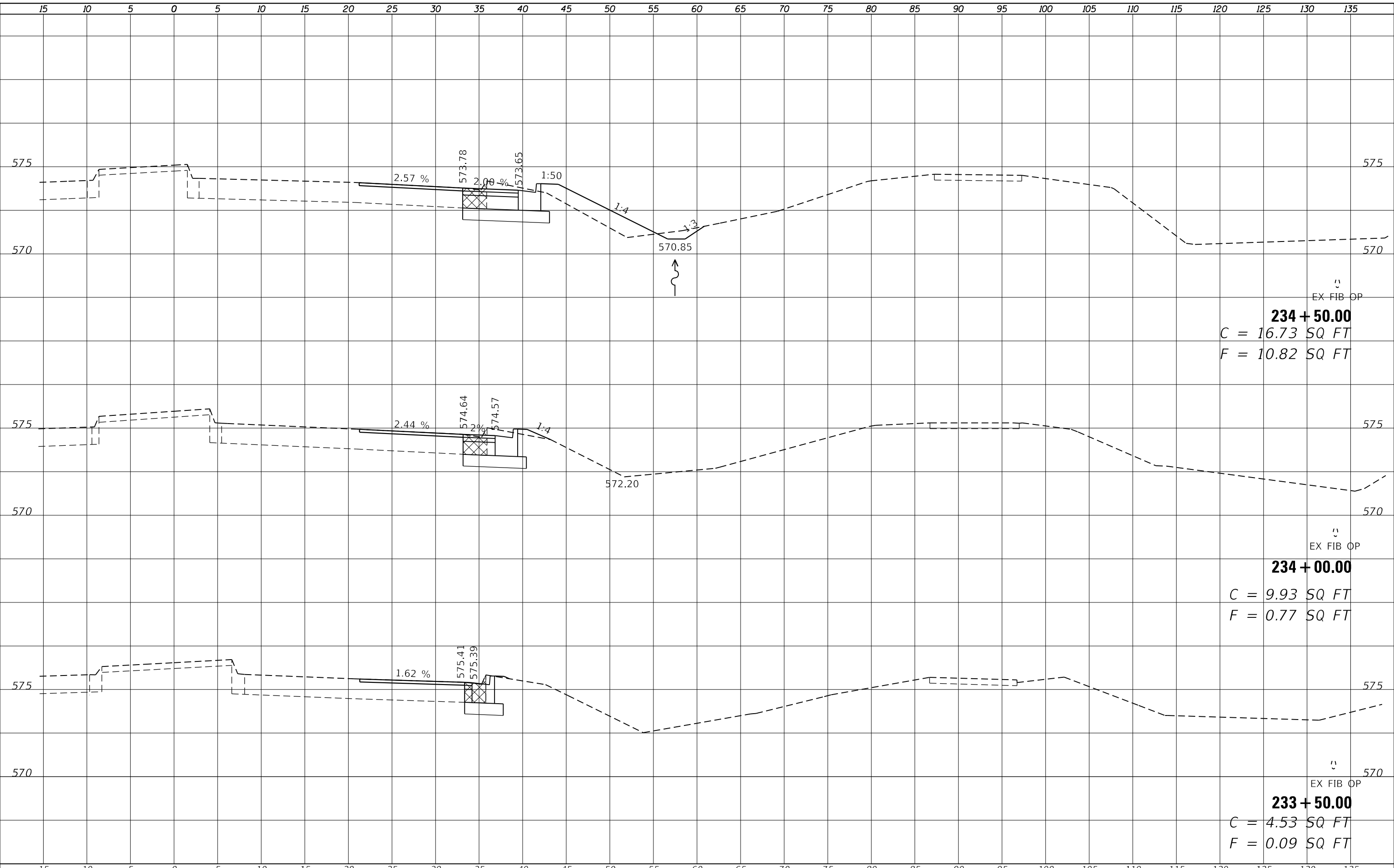
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	39
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				

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

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

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234 + 50.00
 C = 16.73 SQ FT
 F = 10.82 SQ FT

234 + 00.00
 C = 9.93 SQ FT
 F = 0.77 SQ FT

233 + 50.00
 C = 4.53 SQ FT
 F = 0.09 SQ FT

USER NAME = coxte	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 2/5/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 75 (IL 29)
 CROSS SECTIONS**

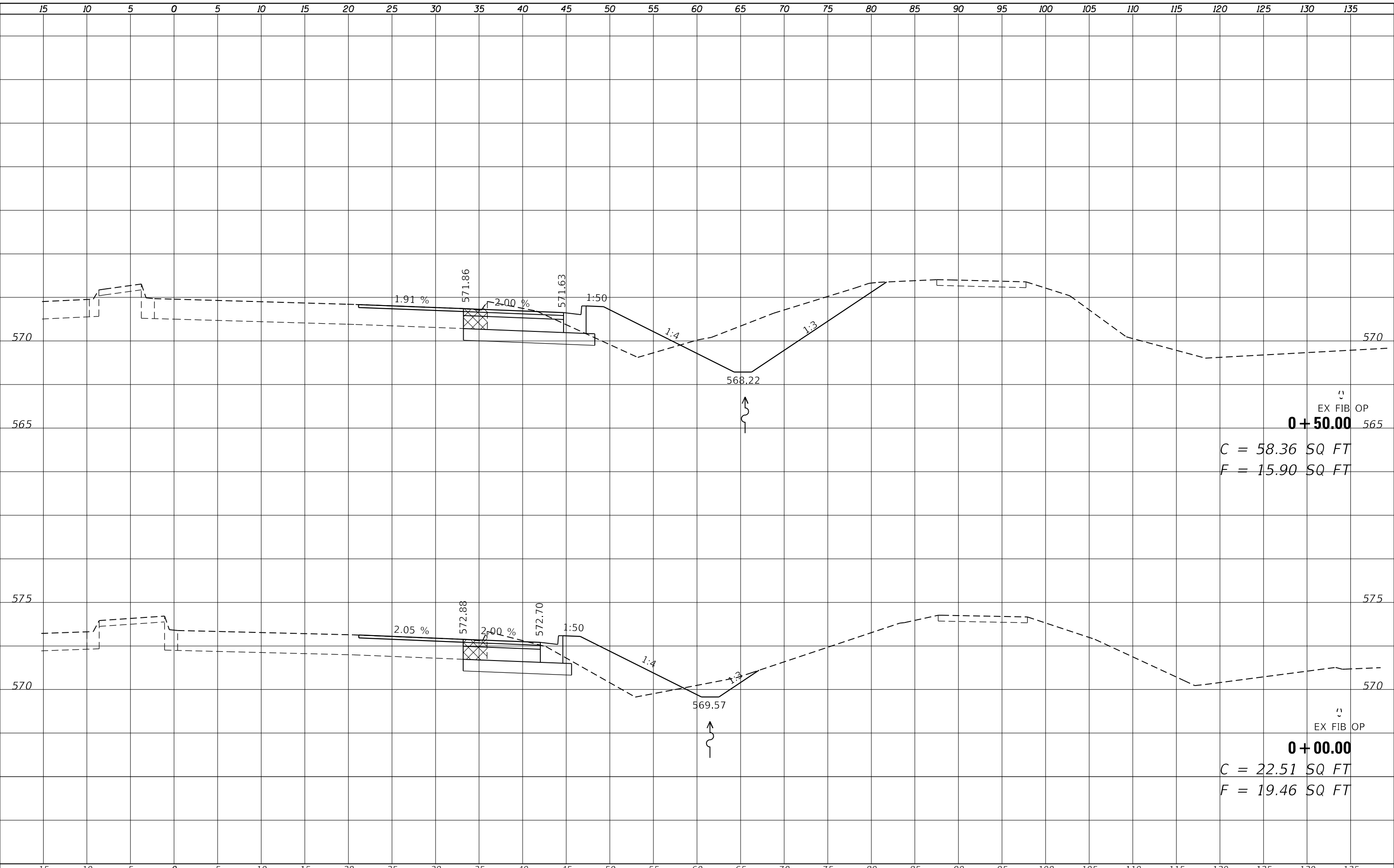
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	40
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
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NOTE BOOK	PLOTTED	
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EX FIB OP
0 + 50.00
 C = 58.36 SQ FT
 F = 15.90 SQ FT

EX FIB OP
0 + 00.00
 C = 22.51 SQ FT
 F = 19.46 SQ FT

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 75 (IL 29)
 CROSS SECTIONS**

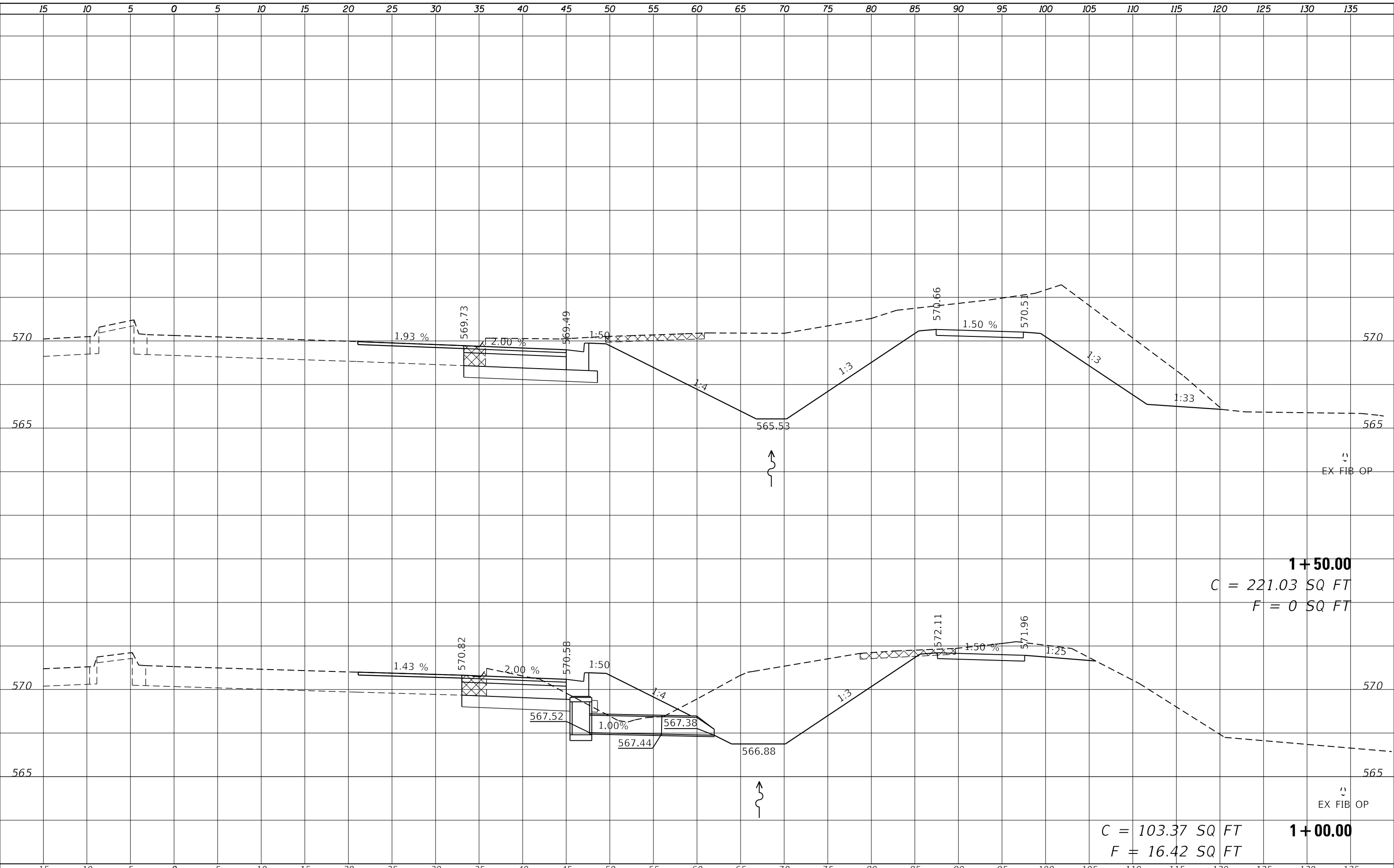
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	41
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
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	AREAS CHECKED	

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1 + 50.00
 C = 221.03 SQ FT
 F = 0 SQ FT

1 + 00.00
 C = 103.37 SQ FT
 F = 16.42 SQ FT

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 75 (IL 29)
 CROSS SECTIONS**

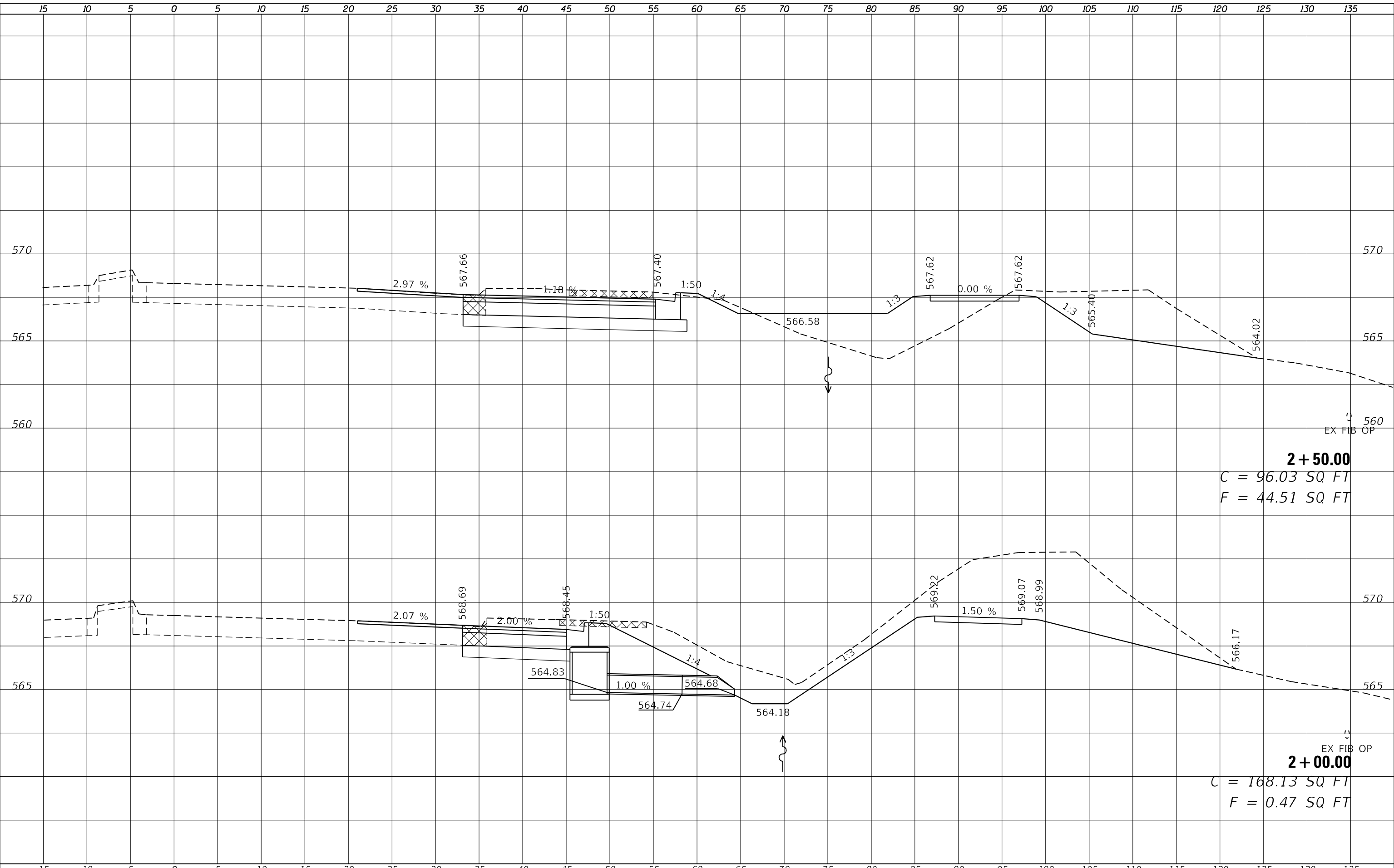
SCALE: SHEET 3 OF 5 SHEETS STA. 1+00.00 TO STA. 1+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	42
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = coxte	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/5/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 75 (IL 29)
 CROSS SECTIONS**

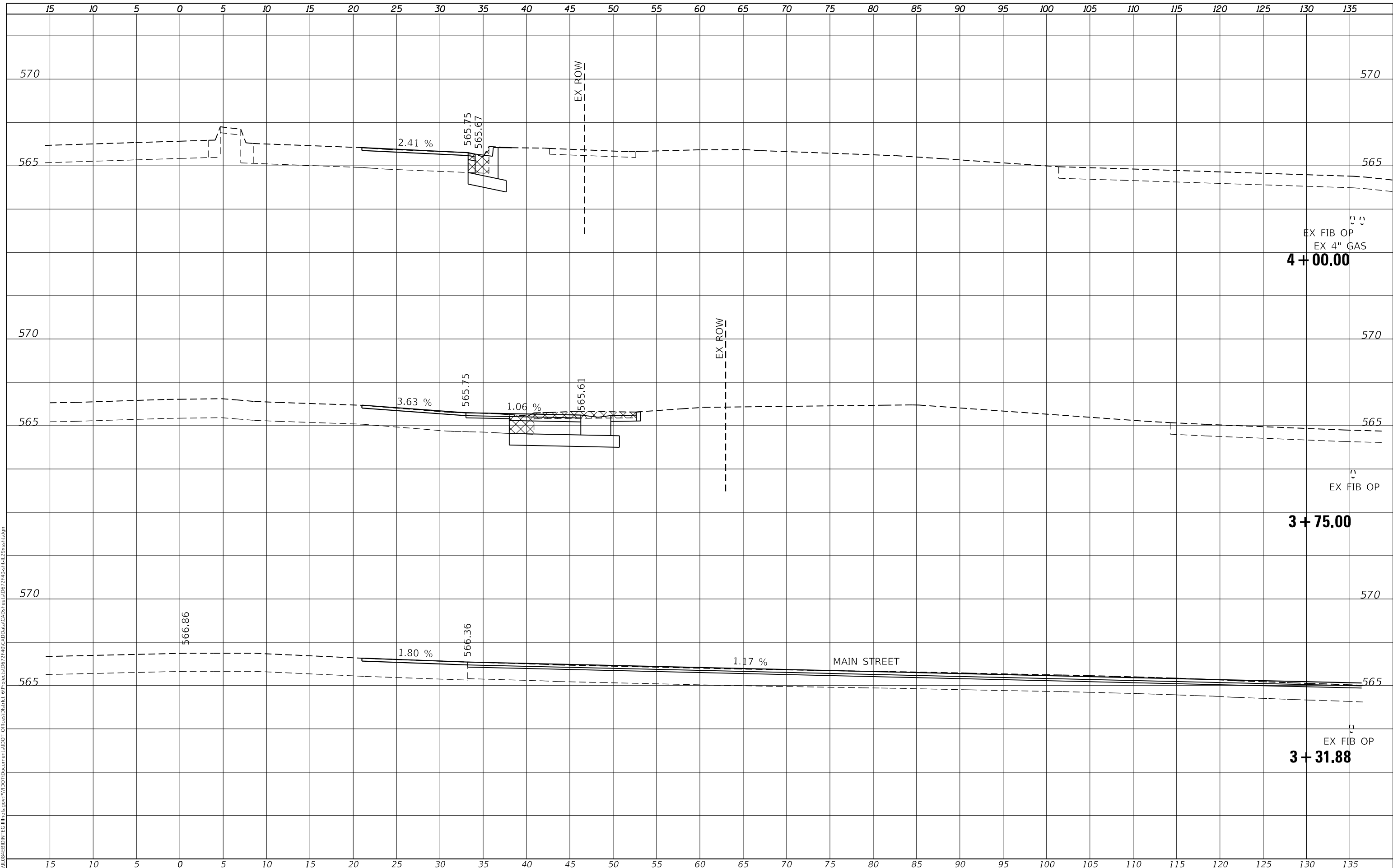
SCALE: SHEET 4 OF 5 SHEETS STA. 2+00.00 TO STA. 2+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	43
				CONTRACT NO. 72F40
				ILLINOIS FED. AID PROJECT

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

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

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USER NAME = coxte	DESIGNED -	REVISIED -
	DRAWN -	REVISIED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISIED -
PLOT DATE = 2/5/2018	DATE -	REVISIED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 75 (IL 29)
 CROSS SECTIONS**

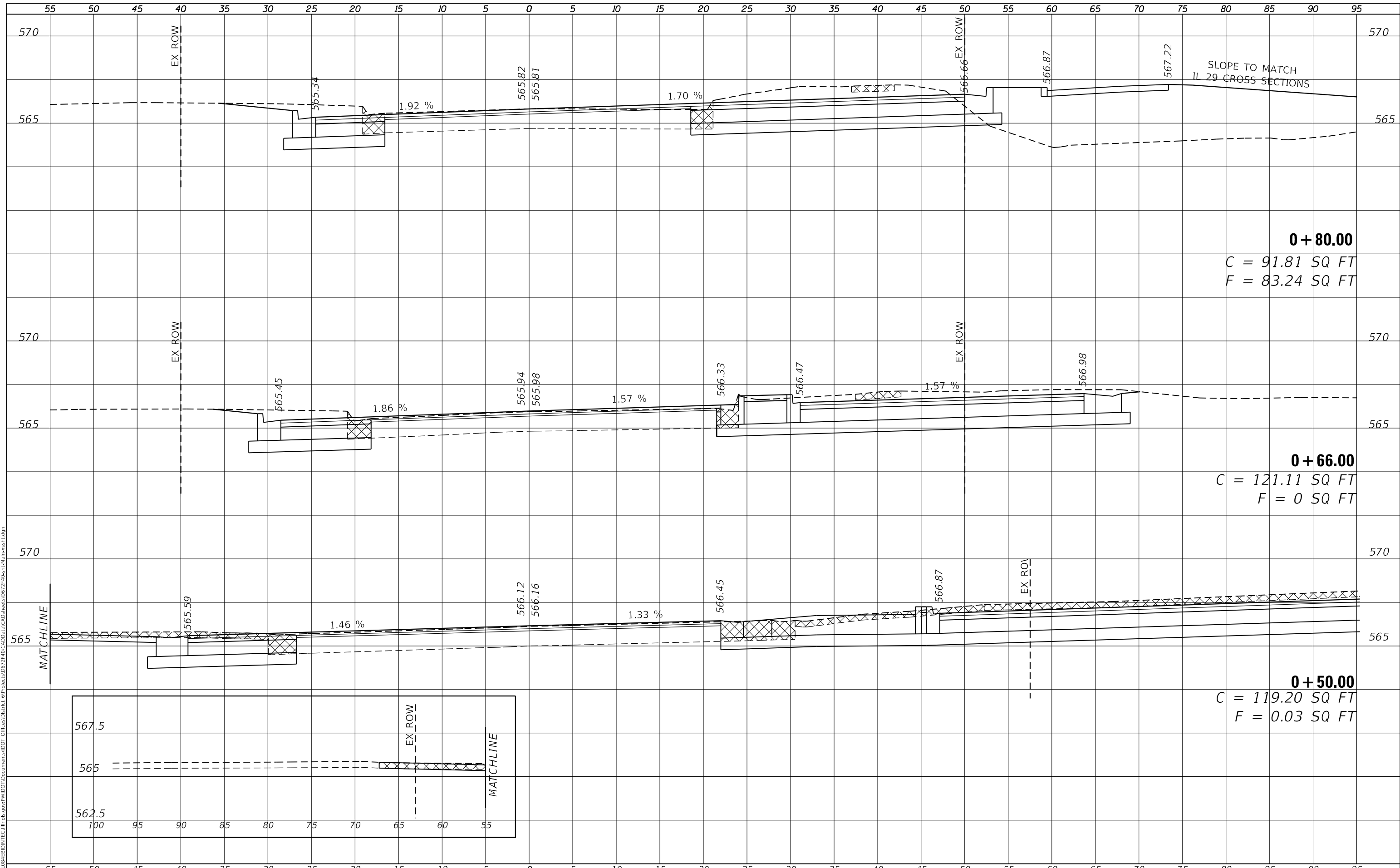
SCALE: SHEET 5 OF 5 SHEETS STA. 3+31.88 TO STA. 4+00.00

F.A.P. RTE. 75	SECTION (6)I-2	COUNTY SANGAMON	TOTAL SHEETS 52	SHEET NO. 44
			CONTRACT NO. 72F40	
ILLINOIS FED. AID PROJECT				

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

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

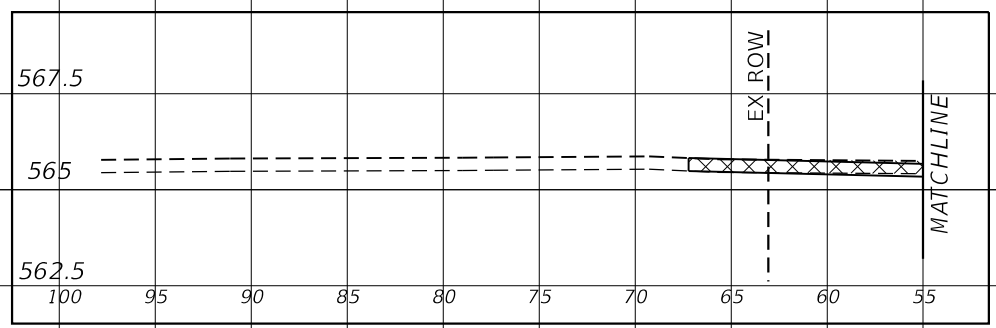
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0+80.00
 C = 91.81 SQ FT
 F = 83.24 SQ FT

0+66.00
 C = 121.11 SQ FT
 F = 0 SQ FT

0+50.00
 C = 119.20 SQ FT
 F = 0.03 SQ FT



USER NAME = coxte	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISD -
PLOT DATE = 2/5/2018	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAIN STREET
 CROSS SECTION**

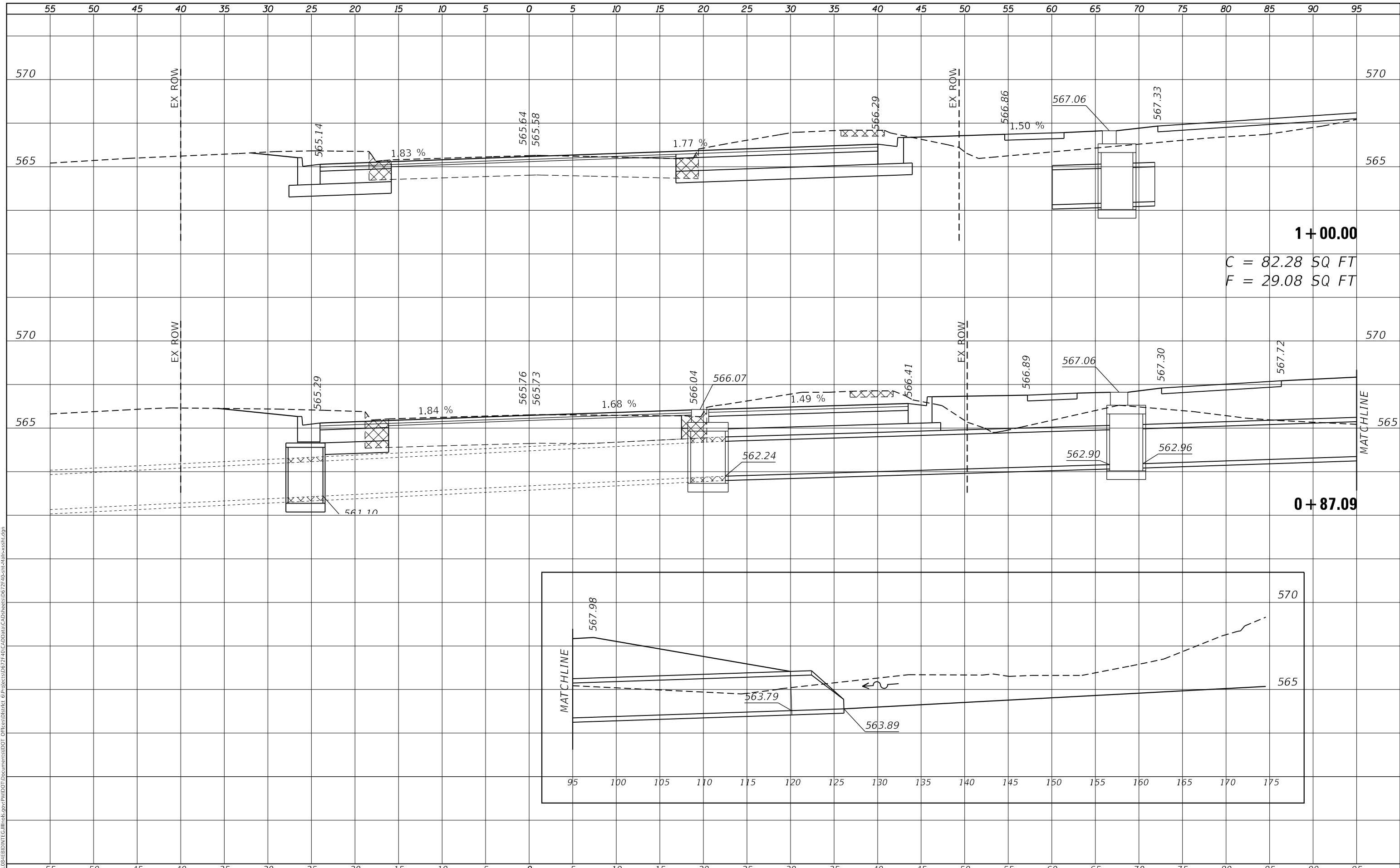
SCALE: SHEET 1 OF 8 SHEETS STA. 0+50.00 TO STA. 0+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	45
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				

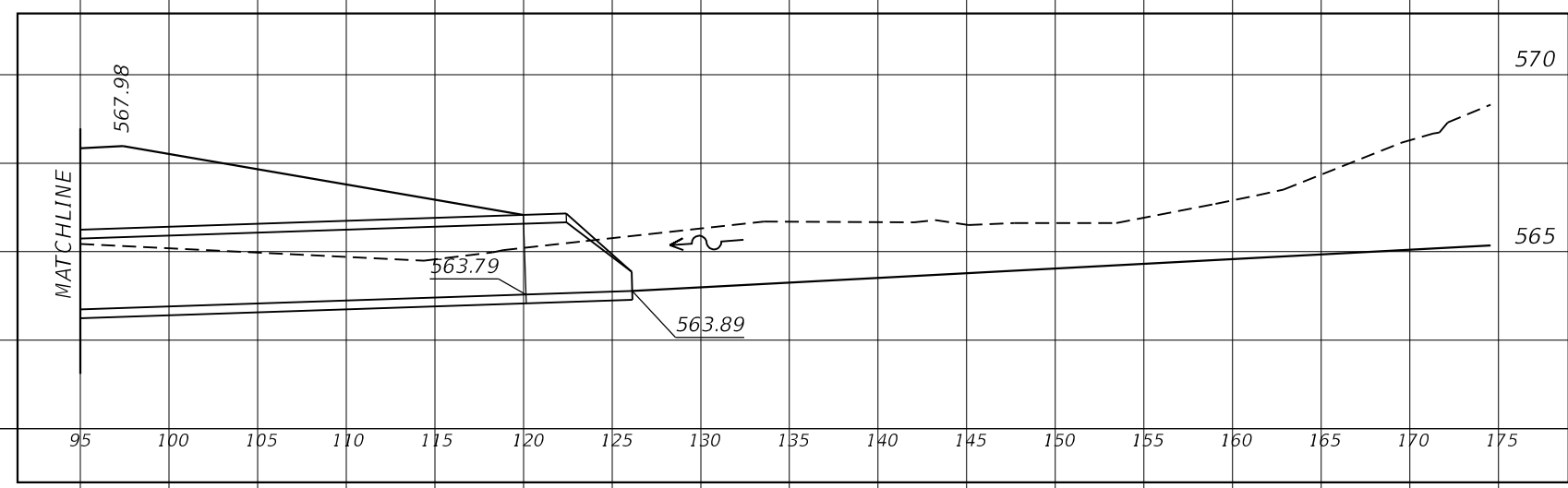
FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

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

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1 + 00.00
 C = 82.28 SQ FT
 F = 29.08 SQ FT



USER NAME = coxte	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/5/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAIN STREET
 CROSS SECTION**

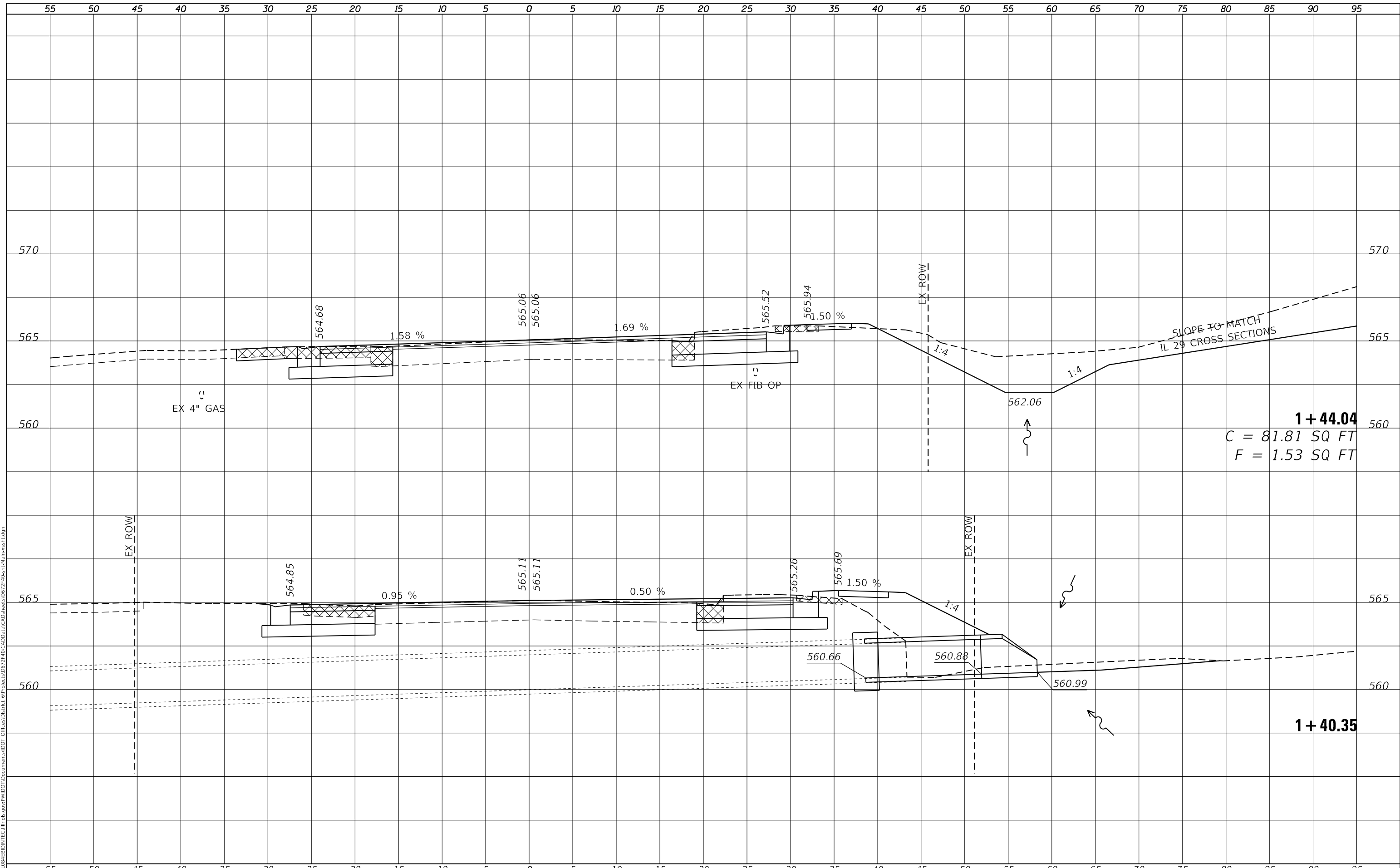
SCALE: SHEET 2 OF 8 SHEETS STA. 0+87.09 TO STA. 1+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	46
				CONTRACT NO. 72F40
				ILLINOIS FED. AID PROJECT

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

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

MODEL: Defnair
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USER NAME = coxte	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISD -
PLOT DATE = 2/5/2018	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAIN STREET
 CROSS SECTION**

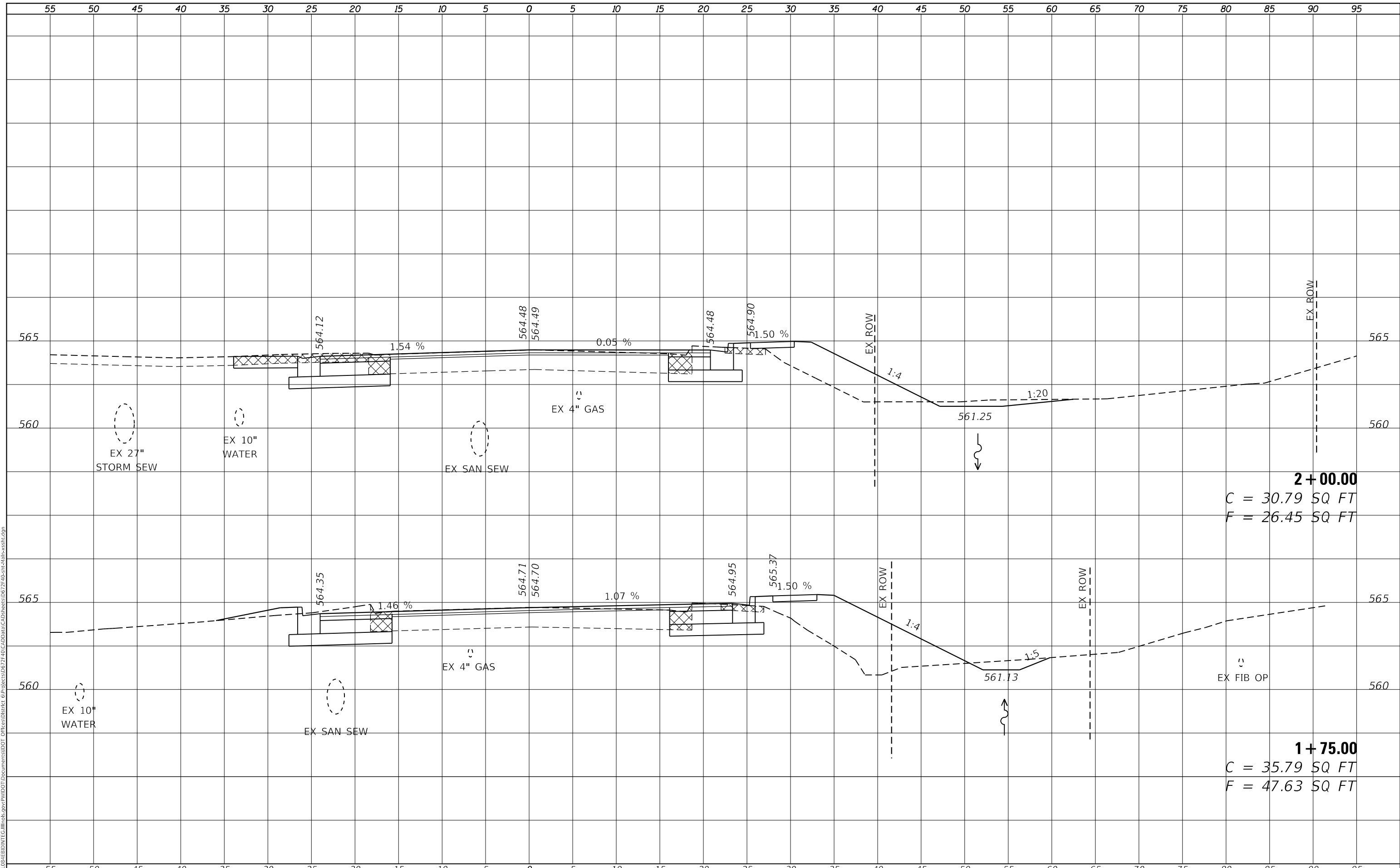
SCALE: SHEET 3 OF 8 SHEETS STA. 1+40.35 TO STA. 1+44.04

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	47
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = coxte	DESIGNED -	REVISIED -
	DRAWN -	REVISIED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISIED -
PLOT DATE = 2/5/2018	DATE -	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAIN STREET
CROSS SECTION**

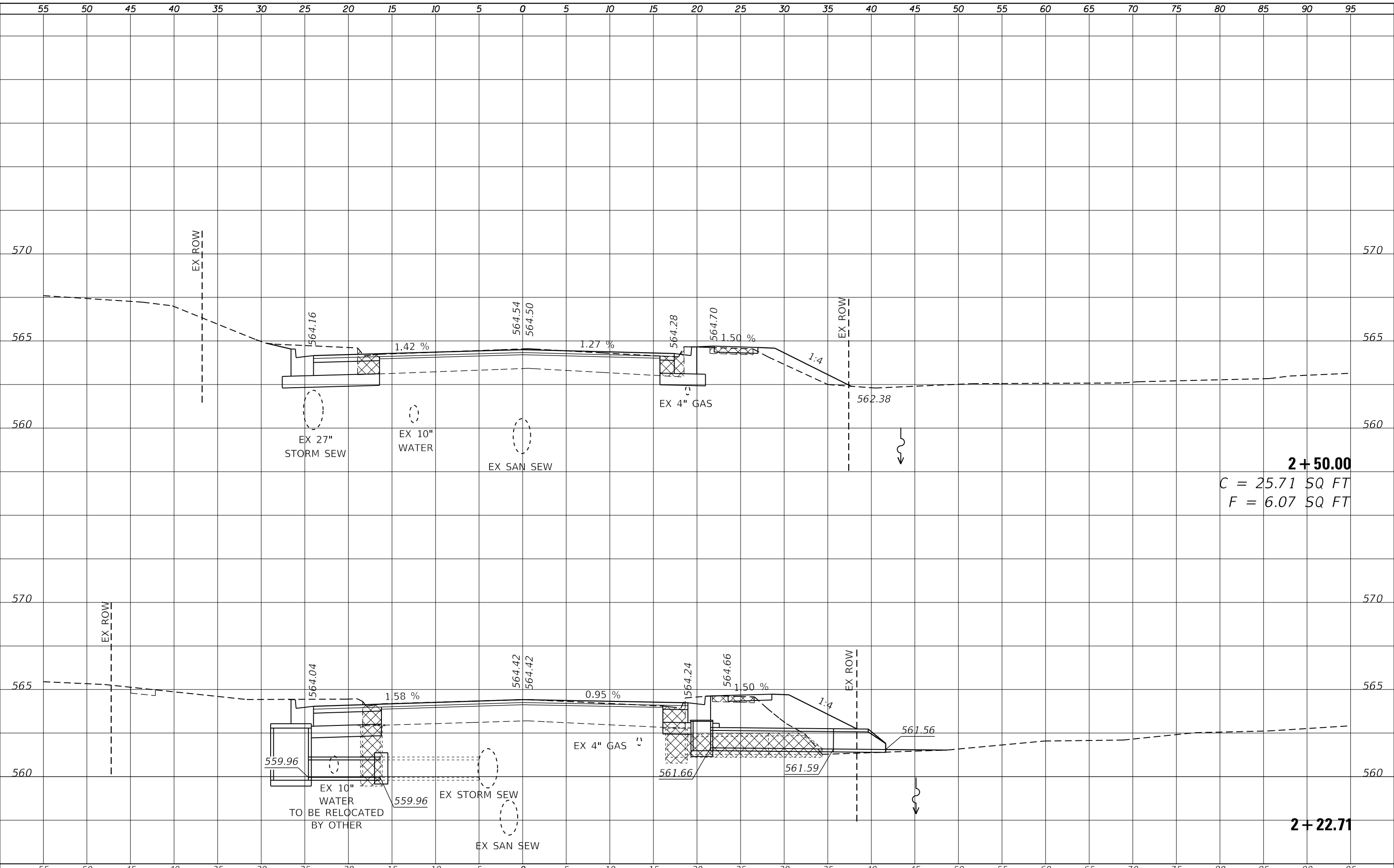
SCALE: SHEET 4 OF 8 SHEETS STA. 1+75.00 TO STA. 2+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	48
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Defnair
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USER NAME = coxte	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISD -
PLOT DATE = 2/5/2018	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAIN STREET
 CROSS SECTION**

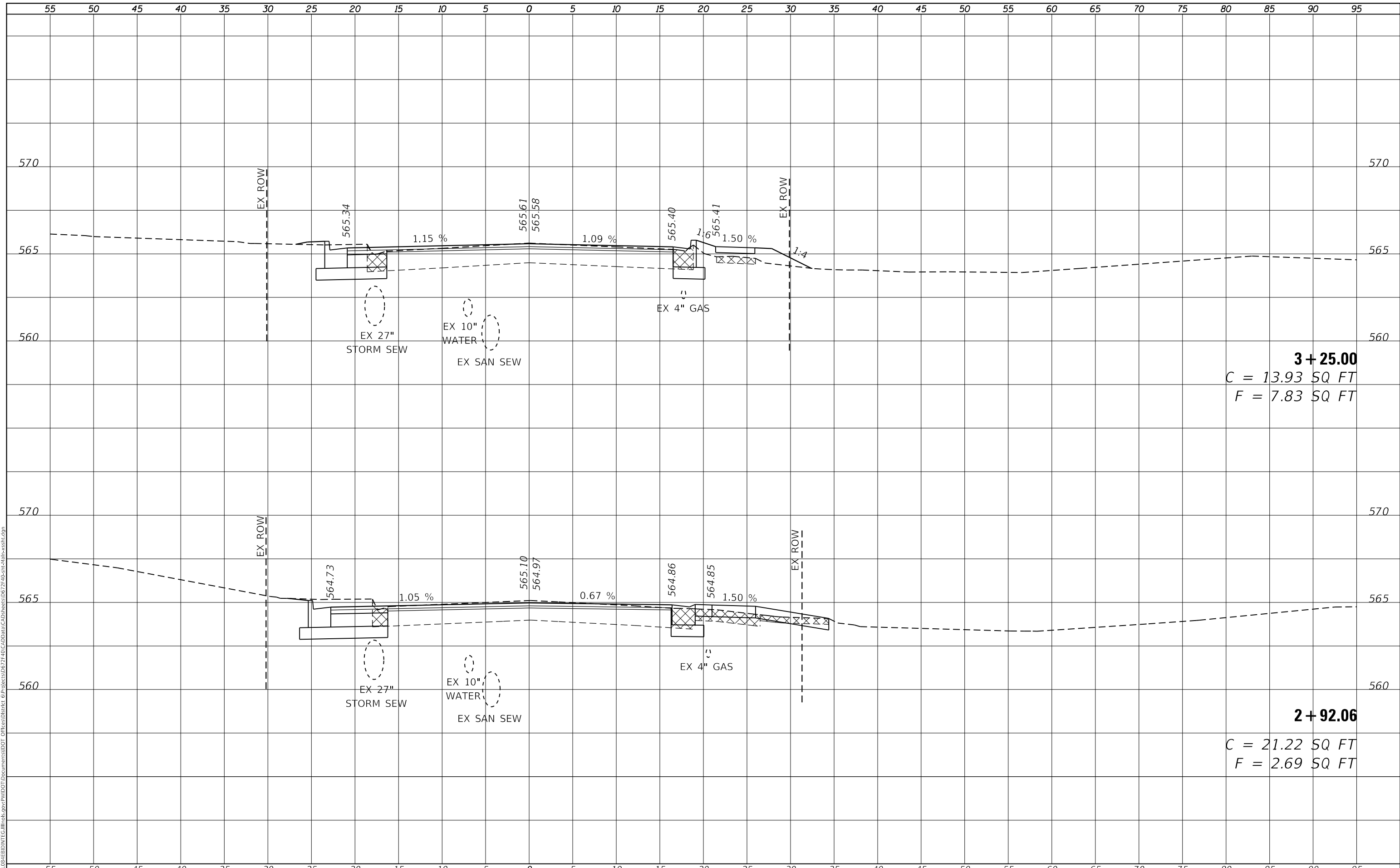
SCALE: SHEET 5 OF 8 SHEETS STA. 2+22.71 TO STA. 2+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	49
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Defnair
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3 + 25.00
 C = 13.93 SQ FT
 F = 7.83 SQ FT

2 + 92.06
 C = 21.22 SQ FT
 F = 2.69 SQ FT

USER NAME = coxte	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/5/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAIN STREET
 CROSS SECTION**

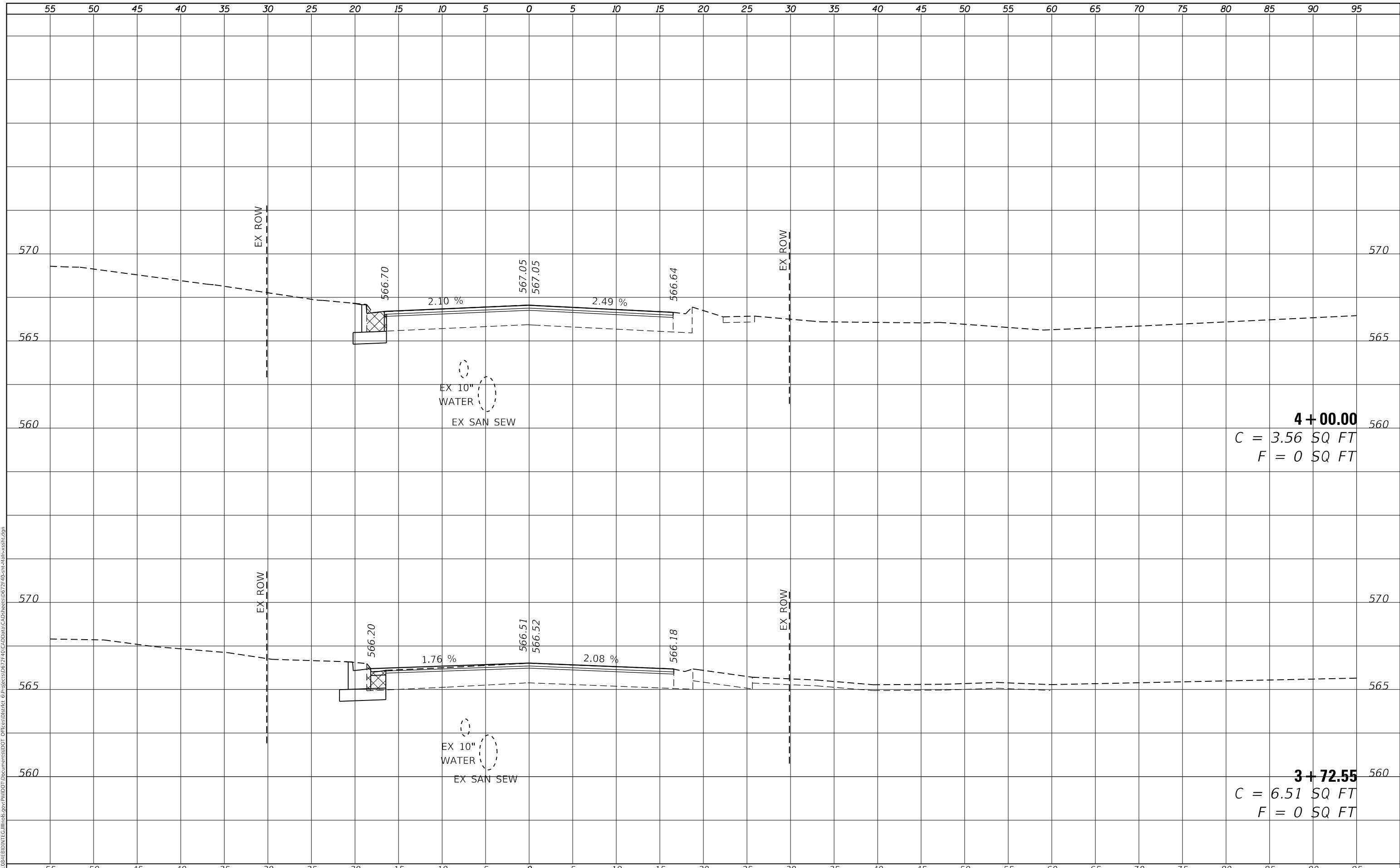
SCALE: SHEET 6 OF 8 SHEETS STA. 2+92.06 TO STA. 3+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	50
			CONTRACT NO. 72F40	
			ILLINOIS FED. AID PROJECT	

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

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

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USER NAME = coxte	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/5/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAIN STREET
CROSS SECTION**

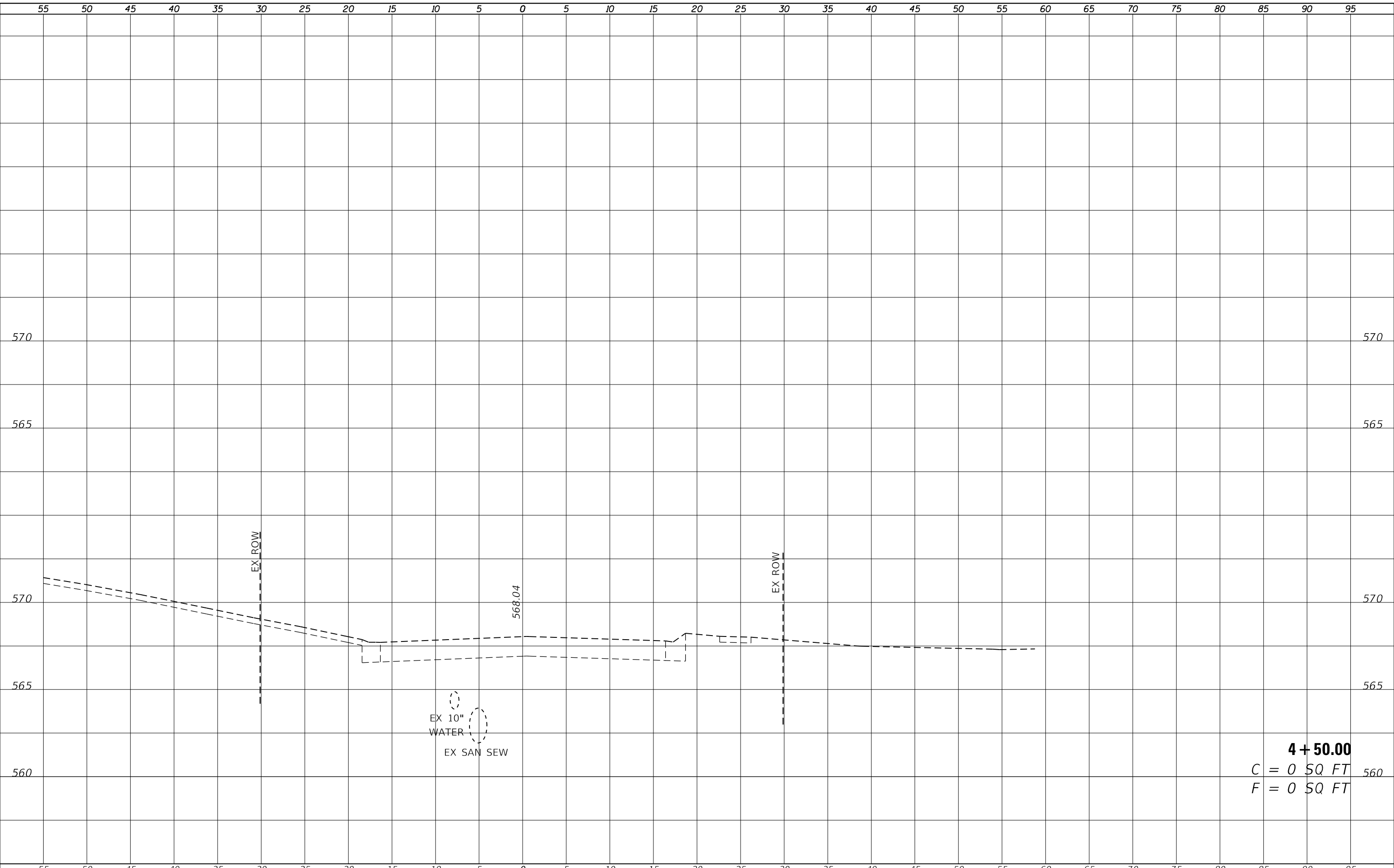
SCALE: SHEET 7 OF 8 SHEETS STA. 3+72.55 TO STA. 4+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	51
CONTRACT NO. 72F40				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Defn.dwg
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4 + 50.00
C = 0 SQ FT
F = 0 SQ FT

USER NAME = coxte	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/5/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAIN STREET CROSS SECTION	
SCALE:	SHEET 8 OF 8 SHEETS
STA. 4+50.00	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	(6)I-2	SANGAMON	52	52
				CONTRACT NO. 72F40
				ILLINOIS FED. AID PROJECT