04-26-13 LETTING ITEM 075

SEE SHEET NO. 2 FOR INDEX OF SHEETS AND LIST OF ILLINOIS DOT HIGHWAY STANDARDS

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	1
	ILLINOIS	CONTRACT NO. 72F74		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

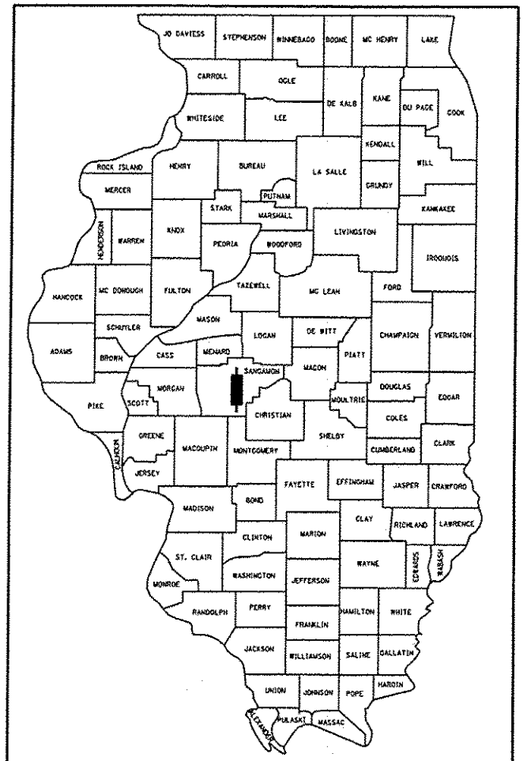
PROPOSED HIGHWAY PLANS

INTERSECTION IMPROVEMENT
AND TRAFFIC SIGNAL MODERNIZATION
RESURFACING (3P)
SBI ROUTE 126 (6TH ST. RD.)
SANGAMON COUNTY
SECTION (110) I-2
PROJECT F-0126(008)
JOB NUMBER C-96-006-13

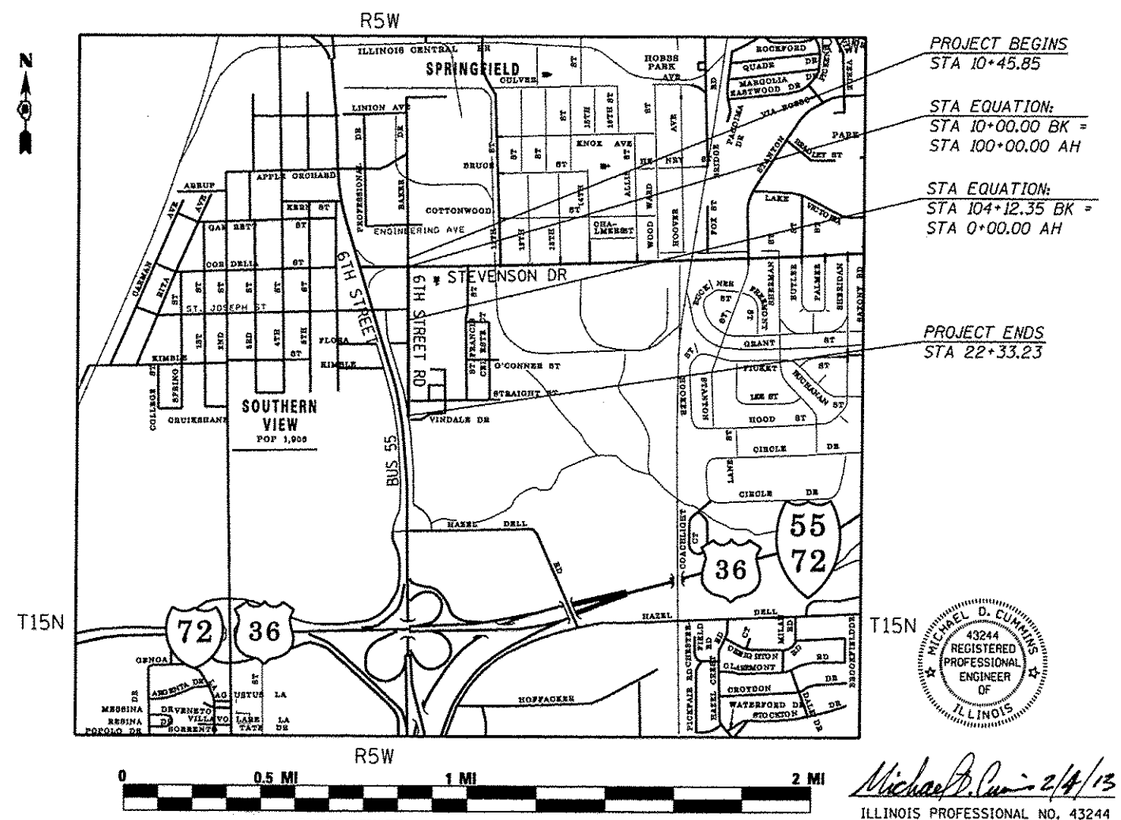
DESIGN DESIGNATION

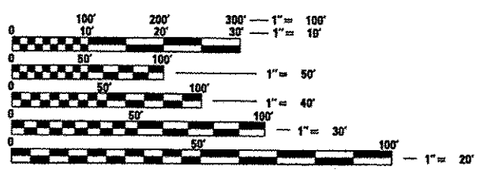
SBI 126 SPUR 3.81 (6TH STREET RD)
URBAN STREET
ADT: 6,000 (2011)
MU: 0.7%
SU: 4.6%
DESIGN SPEED 35 MPH
FAP 663 (STEVENSON DR)
OTHER PRINCIPAL ARTERIAL
ADT: 23,200 (2012)
MU: 1.0%
SU: 5.5%
DESIGN SPEED 45 MPH

D-96-006-13



LOCATION OF SECTION INDICATED THUS:-





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: JEFF MYERS (217) 782-4761
TEAM MANAGER: TOM COX (217) 524-7940

CEC Cummins Engineering Corporation
Civil and Structural Engineering

CONTRACT NO. 72F74

GROSS LENGTH = 2,691.43 FT. = 0.510 MILE
NET LENGTH = 2,691.43 FT. = 0.510 MILE

MICHAEL D. CUMMINS 43244 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

Michael D. Cummins 2/4/13
ILLINOIS PROFESSIONAL NO. 43244
(Expires 11/30/13)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED February 5 20 13
Roger Z Duckett
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
March 22 20 13
John D. Baranzelli P.E. for
acting ENGINEER OF DESIGN AND ENVIRONMENT
March 22 20 13
Omer Osman, P.E. for
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-06	Standard Symbols, Abbreviations and Patterns
280001-07	Temporary Erosion Control Systems
420001-07	Pavement Joints
424001-07	Perpendicular Curb Ramps for Sidewalks
424006-01	Diagonal Curb Ramps for Sidewalks
424011-01	Corner Parallel Curb Ramps for Sidewalks
442201-03	Class C and D Patches
542301-03	Precast Reinforced Concrete Flared End Section
542306-02	Precast Reinforced Concrete Elliptical Flared End Section
602406-05	Manhole, Type A, 6' (1.8 m) Diameter
602601-02	Precast Reinforced Concrete Flat Slab Top
602701-02	Manhole Steps
604001-03	Frame and Lids, Type 1
606001-05	Concrete Curb Type B and Combination Concrete Curb and Gutter
606006-02	Outlet for Concrete Curb and Gutter, Type B-6.24 (B-15.60)
606301-04	PC Concrete Islands And Medians
701001-02	Off-Road Operations, 2L, 2W, More Than 15' (4.5 m) Away
701006-04	Off-Road Operations, 2L, 2W, 15' (4.5 m) to 24" (600 mm) From Pavement Edge
701011-03	Off-Road Moving Operations, 2L, 2W, Day Only
701501-06	Urban Lane Closure, 2L, 2W, Undivided
701801-05	Lane Closure, Multilane 1W or 2W Crosswalk or Sidewalk Closure
701701-08	Urban Lane Closure, Multilane Intersection
701901-02	Traffic Control Devices
720001-01	Sign Panel Mounting Details
720006-03	Sign Panel Erection Details
728001-01	Telescoping Steel Sign Support
780001-03	Typical Pavement Markings
873001-02	Traffic Signal Grounding & Bonding
876001-02	Pedestrian Push Button Post
877001-05	Steel Mast Arm Assembly and Pole 16' Through 55'
878001-09	Concrete Foundation Details
886001-01	Detector Loop Installations
886006-01	Typical Layout for Detection Loops
BLR 21-9	Typical Application of Traffic Control Devices for Construction on Rural Local Highways
BLR 22-7	Typ. Appl. of T.C.D. for Rural Loc. Hwys. (2-Lane 2 Way Rural Traff.) (Rd. Closed to Thru Traff.)

COMMITMENTS:

1. THE RESIDENT ENGINEER SHALL CONTACT STUDIES AND PLANS CONCERNING ANY MAJOR PLAN CHANGE TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN AND ALLOW AN IMPROVED DESIGN FOR FUTURE PROJECTS.
2. THERE IS AN NPDES STORM WATER POLLUTION PREVENTION PLAN WITH THIS PROJECT.
3. AGREEMENT WITH CITY OF SPRINGFIELD.
4. THE ENTRANCE TO MCDONALDS SHALL BE STAGE CONSTRUCTED ONE HALF AT A TIME AND KEPT OPEN TO TRAFFIC AT ALL TIMES.

DISTRICT SIX

EXAMINED 1/27 20 13

Bill Beyer

OPERATIONS ENGINEER

EXAMINED JAN 17 20 13

PROJECT IMPLEMENTATION ENGINEER

EXAMINED Feb 4 20 13

QRML

PROGRAM DEVELOPMENT ENGINEER

GENERAL NOTES

1. ALL ELEVATIONS SHOWN IN THE PLANS ARE N.G.V.D. 29 DATUM.

2. ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE EDITION AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

3. THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.

4. THE LOCATION OF THOSE BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.26 OF THE STANDARDS SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS (800) 892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED. SEE SPECIAL PROVISIONS FOR STATUS OF UTILITIES WITH UTILITY COMPANIES LISTED.

5. THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETE, THE CONTRACTOR SHALL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT BID PRICES.

6. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED DURING CONSTRUCTION ACTIVITIES. WHEN UNAVOIDABLE, REASONABLE PARKING SHALL BE PROVIDED FOR THOSE PROPERTIES WHICH ARE TEMPORARILY UNACCESSIBLE.

7. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.

8. THE FOLLOWING APPLICATION RATES WERE USED FOR QUANTITY CALCULATIONS:

LEVELING BINDER	0.056	TONS/SQ.YD/INCH
HMA SURF. CSE	0.056	TONS/SQ.YD/INCH
AGGREGATE	2.05	TONS/CU.YD
BIT. MATLS. (PRIME COAT)	0.00038	TONS/SQ.YD (ON PAVEMENT)
AGG. (PRIME COAT)	0.002	TONS/SQ.YD

9. MATERIAL FOR AGGREGATE SHOULDERS SHALL BE CRUSHED LIMESTONE

10. WHERE PROPOSED CONSTRUCTION ABUTS EXISTING APPURTENANCES, A SAW CUT SHALL BE MADE TO ACHIEVE A NEAT BUT JOINT. SAW CUTS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE TYPE OF WORK ENCOUNTERED

11. MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION(S):	6TH ST RD
MIXTURE USE(S):	LEVELING BINDER
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5
FRICTION AGGREGATE:	N/A

LOCATION(S):	6TH ST RD, FRONTAGE RD, STRAIGHT ST.
MIXTURE USE(S):	HMA SURFACE
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5
FRICTION AGGREGATE:	MIX "D"

LOCATION(S):	FRONTAGE RD, STRAIGHT ST.
MIXTURE USE(S):	HMA BINDER
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 19.0
FRICTION AGGREGATE:	N/A

LOCATION(S):	COMMERCIAL ENTRANCES
MIXTURE USE(S):	INCIDENTAL HMA SURFACE
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5
FRICTION AGGREGATE:	MIX "C"

LOCATION(S):	6TH ST. RD., FRONTAGE RD., STRAIGHT ST.
MIXTURE USE(S):	HMA SHOULDERS & TOP LIFT HMA SHOULDER
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5
FRICTION AGGREGATE:	MIX "C"

LOCATION(S):	6TH ST. RD, FRONTAGE RD., STRAIGHT ST.
MIXTURE USE(S):	HMA BASE CSE 9" & HMA BASE CSE WIDENING 9"
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 19.0
FRICTION AGGREGATE:	N/A

LOCATION(S):	6TH ST RD, FRONTAGE RD, STRAIGHT ST.
MIXTURE USE(S):	HMA SHOULDER 6 1/2"
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 19.0
FRICTION AGGREGATE:	N/A

	SUMMARY OF QUANTITIES			URBAN	CONSTRUCTION CODE					
					80% FEDERAL 20% STATE	80% FEDERAL 15% STATE 5% CITY	80% FEDERAL 20% CITY			
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS	SIDEWALK			
					0005	0021	0021			
	20200100	EARTH EXCAVATION	CU YD	2,300	2,295		5			
	20800150	TRENCH BACKFILL	CU YD	36	36					
*	25000200	SEEDING, CLASS 2	ACRE	1.1	1.0		0.1			
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	95	89		6			
*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	95	89		6			
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	95	89		6			
*	25000700	AGRICULTURAL GROUND LIMESTONE	TON	2.1	2.0		0.1			
*	25100125	MULCH, METHOD 3	ACRE	1.1	1.0		0.1			
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	105	100		5			
	28000305	TEMPORARY DITCH CHECKS	FOOT	24	24					
	28000400	PERIMETER EROSION BARRIER	FOOT	90	90					
	28000500	INLET AND PIPE PROTECTION	EACH	18	17		1			
	31100700	SUBBASE GRANULAR MATERIAL, TYPE A 8"	SQ YD	2,489	2,489					
	35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	929	929					

*SPECIALTY ITEM

CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB # 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-500.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 20.0000 ' / IN.	CHECKED - NAK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) 1-2	SANGAMON	93	4
		CONTRACT NO. 72F74		

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

SUMMARY OF QUANTITIES			URBAN	CONSTRUCTION CODE					
				80% FEDERAL 20% STATE	80% FEDERAL 15% STATE 5% CITY	80% FEDERAL 20% CITY			
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS	SIDEWALK			
				0005	0021	0021			
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	75	75					
35300400	PORTLAND CEMENT CONCRETE BASE COURSE 9"	SQ YD	121	121					
35501320	HOT-MIX ASPHALT BASE COURSE, 9"	SQ YD	2,003	2,003					
35800100	PREPARATION OF BASE	SQ YD	798	798					
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	98	98					
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	3.3	3.3					
40600300	AGGREGATE (PRIME COAT)	TON	16	16					
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	513	513					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	832	832					
40600990	TEMPORARY RAMP	SQ YD	104	104					
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	154	154					
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	895	895					
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	348	348					
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	242	242					

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SUMMARY OF QUANTITIES			URBAN	CONSTRUCTION CODE					
				80% FEDERAL 20% STATE	80% FEDERAL 15% STATE 5% CITY	80% FEDERAL 20% CITY			
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS	SIDEWALK			
				0005	0021	0021			
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1,630			1,630			
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	69			69			
42400800	DETECTABLE WARNINGS	SQ FT	113			113			
44000100	PAVEMENT REMOVAL	SQ YD	2,335	2,335					
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	285	285					
44000300	CURB REMOVAL	FOOT	6	6					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	247	247					
44000600	SIDEWALK REMOVAL	SQ FT	96			96			
44004250	PAVED SHOULDER REMOVAL	SQ YD	167	167					
44200108	PAVEMENT PATCHING, TYPE II, 9 INCH	SQ YD	149	149					
44213204	TIE BARS 3/4"	EACH	112	112					
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	1,037	1,037					
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	142	142					
48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SQ YD	2,458	2,458					

SUMMARY OF QUANTITIES			URBAN	CONSTRUCTION CODE					
				80% FEDERAL 20% STATE	80% FEDERAL 15% STATE 5% CITY	80% FEDERAL 20% CITY			
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS	SIDEWALK			
				0005	0021	0021			
50102400	CONCRETE REMOVAL	CU YD	0.8	0.8					
50104400	CONCRETE HEADWALL REMOVAL	EACH	2	2					
50105220	PIPE CULVERT REMOVAL	FOOT	399	399					
50300225	CONCRETE STRUCTURES	CU YD	3.1			3.1			
50800105	REINFORCEMENT BARS	POUND	180	40		140			
54002020	EXPANSION BOLTS 3/4 INCH	EACH	4	4					
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1	1					
54214503	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 18"	EACH	8	8					
54248510	CONCRETE COLLAR	CU YD	0.4	0.4					
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1					
60255500	MANHOLES TO BE ADJUSTED	EACH	3	2		1			
60260100	INLETS TO BE ADJUSTED	EACH	6	6					
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	6.7	6.7					
60600605	CONCRETE CURB, TYPE B	FOOT	13			13			

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SUMMARY OF QUANTITIES			URBAN	CONSTRUCTION CODE					
				80% FEDERAL 20% STATE	80% FEDERAL 15% STATE 5% CITY	80% FEDERAL 20% CITY			
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS	SIDEWALK			
				0005	0021	0021			
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	96	96					
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	143	143					
60605500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (VARIABLE WIDTH GUTTER FLAG)	FOOT	12	12					
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	8			8			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	8					
67100100	MOBILIZATION	L SUM	1	1					
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1					
70101835	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	L SUM	1	1					
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1					
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1					
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1					
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	8	8					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,116	1,116					
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	140	140					

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SUMMARY OF QUANTITIES			URBAN	CONSTRUCTION CODE					
				80% FEDERAL 20% STATE	80% FEDERAL 15% STATE 5% CITY	80% FEDERAL 20% CITY			
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS	SIDEWALK			
				0005	0021	0021			
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	6,963	6,963					
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	827	827					
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	129	129					
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	73	73					
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	145	145					
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	95	95					
* 72000100	SIGN PANEL - TYPE 1	SQ FT	29	29					
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	60	60					
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	140	140					
* 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	6,977	6,977					
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	827	827					
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	129	129					
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	73	73					
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	145	145					

14

*SPECIALTY ITEM

CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB : 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME : 0672F74-sht-500.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE : 20.0000 / IN.	CHECKED - NAK	REVISED -	
PLOT DATE : 2/4/2013	DATE - 10/8/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	9

CONTRACT NO. 72F74

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

	SUMMARY OF QUANTITIES			URBAN	CONSTRUCTION CODE					
					80% FEDERAL 20% STATE	80% FEDERAL 15% STATE 5% CITY	80% FEDERAL 20% CITY			
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS	SIDEWALK			
					0005	0021	0021			
*	78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	31	31					
*	78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	236	236					
*	78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	175	175					
*	78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	17	17					
	78300100	PAVEMENT MARKING REMOVAL	SQ FT	234	234					
*	81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	25		25				
*	81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	168		168				
*	81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	30		30				
*	81500100	GULFBOX JUNCTION	EACH	2		2				
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	183		183				
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	936		936				
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	413		413				
*	87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	61		61				
*	87301515	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	FOOT	215		215				

*SPECIALTY ITEM

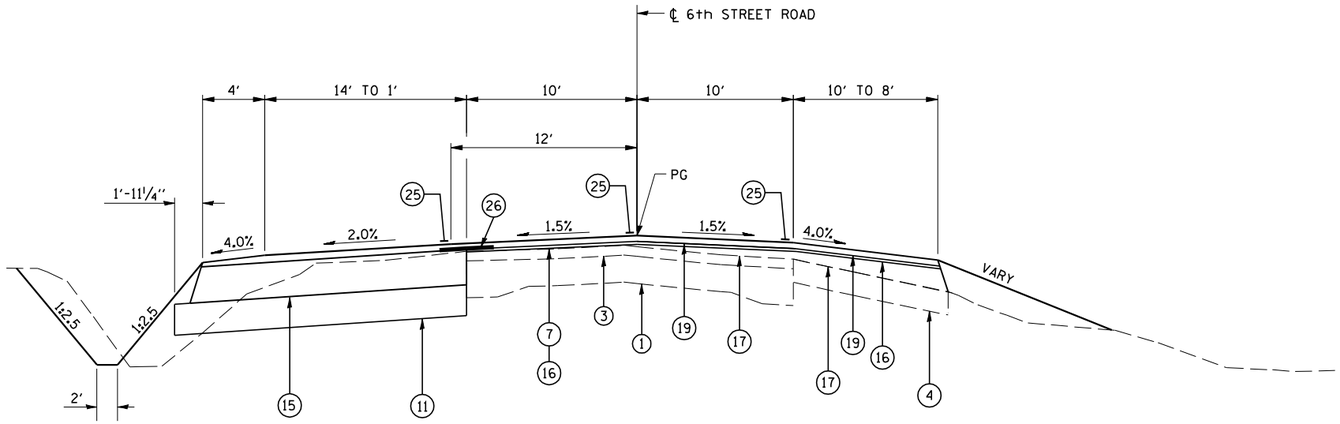
	SUMMARY OF QUANTITIES			URBAN	CONSTRUCTION CODE					
					80% FEDERAL 20% STATE	80% FEDERAL 15% STATE 5% CITY	80% FEDERAL 20% CITY			
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS	SIDEWALK			
					0005	0021	0021			
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	336		336				
*	87500600	TRAFFIC SIGNAL POST, 10 FT.	EACH	1		1				
*	87501200	TRAFFIC SIGNAL POST, 16 FT.	EACH	2		2				
*	87800115	CONCRETE FOUNDATION, TYPE A	EACH	4		4				
*	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13		13				
*	87900200	DRILL EXISTING HANDHOLE	EACH	7		7				
*	88030230	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	1		1				
*	88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1		1				
*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2		2				
*	88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1		1				
*	88102757	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2		2				
*	88200100	TRAFFIC SIGNAL BACKPLATE	EACH	4		4				
*	88600100	DETECTOR LOOP, TYPE I	FOOT	800		800				
*	88800100	PEDESTRIAN PUSH-BUTTON	EACH	12		12				

*SPECIALTY ITEM

	SUMMARY OF QUANTITIES			URBAN	CONSTRUCTION CODE					
					80% FEDERAL 20% STATE	80% FEDERAL 15% STATE 5% CITY	80% FEDERAL 20% CITY			
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS	SIDEWALK			
					0005	0021	0021			
*	89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	3		3				
*	89501300	RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	EACH	1		1				
*	89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1		1				
*	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	515		515				
*	89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	205		205				
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1				
	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	3		3				
√	542A0235	PIPE CULVERTS, CLASS A, TYPE 1 30"	FOOT	18	18					
√	542A5473	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	368	368					
√	542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	38	38					
√	542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	112	112					
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	3,603	3,603					
	X4403700	MEDIAN REMOVAL (SPECIAL)	SQ FT	114	25		89			
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1					

14

*SPECIALTY ITEM

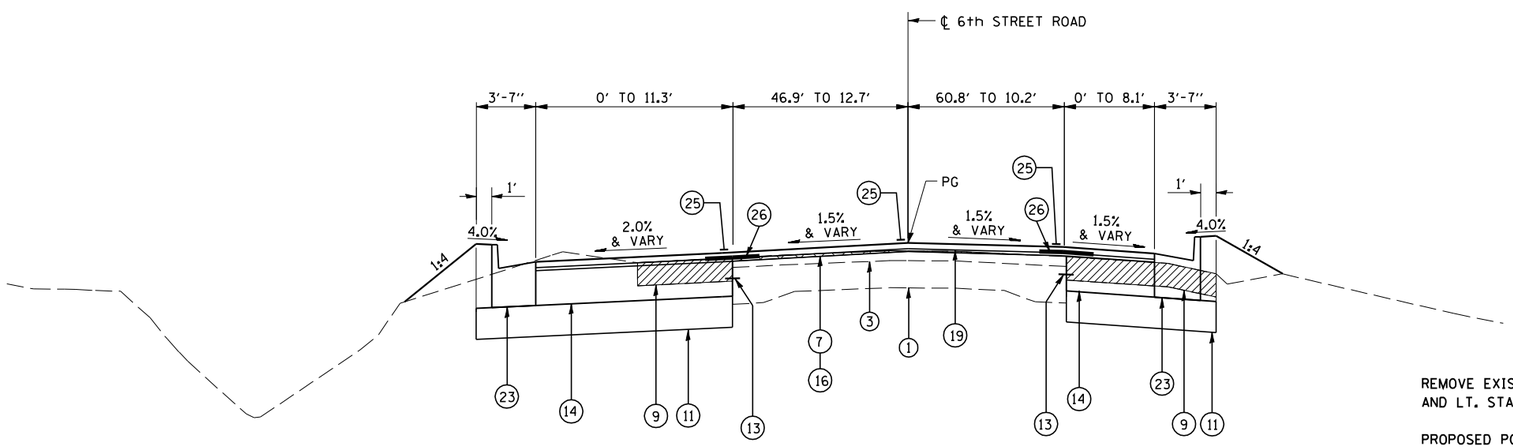


CONSTRUCT CUT SECTION AS SHOWN IN STATION CROSS SECTIONS

CONSTRUCT FILL SECTION AS SHOWN IN STATION CROSS SECTIONS

② PROPOSED 6th STREET ROAD TYPICAL CROSS SECTION

① LT STA 100+98.42 TO STA 0+00.85 ③ ① RT STA 101+12.64 TO STA 2+34.50 ③



① PROPOSED 6th STREET ROAD TYPICAL CROSS SECTION

LT STA 100+32.62 TO STA 100+98.42 ② RT STA 100+32.62 TO STA 101+12.64 ②

LEGEND

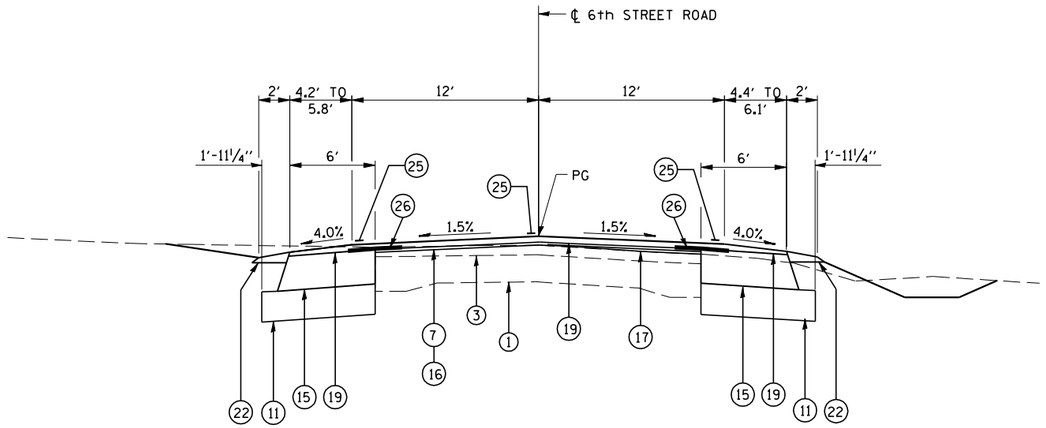
1. EX PCC PAVEMENT 9"-7"-9"
2. EXISTING AGGREGATE BASE 7"
3. EXISTING HMA OVERLAY 2 1/2"
4. EX HMA SHOULDER
5. EX AGGREGATE SHOULDER
6. EX COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
7. PR HMA SURFACE REMOVAL - VARIABLE DEPTH
8. PR PAVEMENT REMOVAL
9. PR PAVED SHOULDER REMOVAL
10. PR COMBINATION CURB AND GUTTER REMOVAL
11. PR SUBBASE GRANULAR MATERIAL TYPE A 8"
12. PR AGGREGATE BASE COURSE TYPE A 8"
13. PR TIE BAR
14. PR PCC BASE COURSE 9"
15. PR HMA BASE COURSE 9"
16. PR LEVELING BINDER (MACHINE METHOD) N70 3/4"
17. PR LEVELING BINDER (MACHINE METHOD) N70 VARIABLE DEPTH
18. PR HMA BINDER COURSE IL 19.0 N70 2 1/2"
19. PR HMA SURFACE COURSE MIX "D" N70 1 1/2"
20. PR HMA SHOULDER
21. PR HMA SHOULDER 6 1/2"
22. PR AGGREGATE WEDGE SHOULDER TYPE B
23. PR COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
24. PR PCC SIDEWALK 4"
25. PR PAVEMENT MARKING LINE
26. PR STRIP REFLECTIVE CRACK CONTROL TREATMENT

REMOVE EXISTING COMBINATION CURB AND GUTTER RT. STA. 100+32.70 TO STA. 100+67.79 AND LT. STA. 100+32.58 RO STA. 100+67.85

PROPOSED PCC BASE COURSE WIDENING 9" LESS THAN 1 FOOT WIDE SHALL BE CONSTRUCTED MONOLITHIC WITH PROPOSED COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24

THE PROPOSED PCC BASE COURSE AND PROPOSED PCC BASE COURSE WIDENING SHALL BE TIED TO THE EXISTING CONCRETE PAVEMENT WITH NO. 6 DEFORMED BARS 30" LONG AT 30" CENTERS AS SPECIFIED IN ARTICLE 420.05(b) OF THE STANDARD SPECIFICATIONS

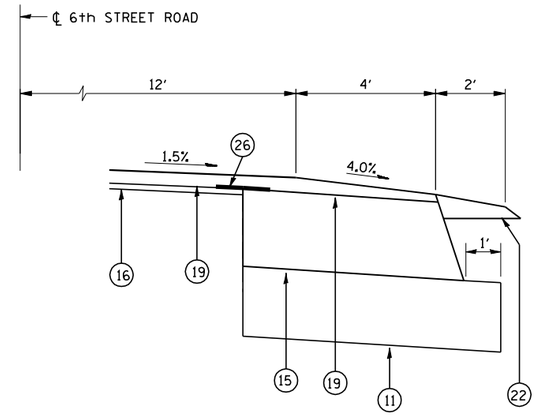
CONSTRUCT HMA SHOULDER 8" RT STA 100+97.17 TO STA 101+12.64



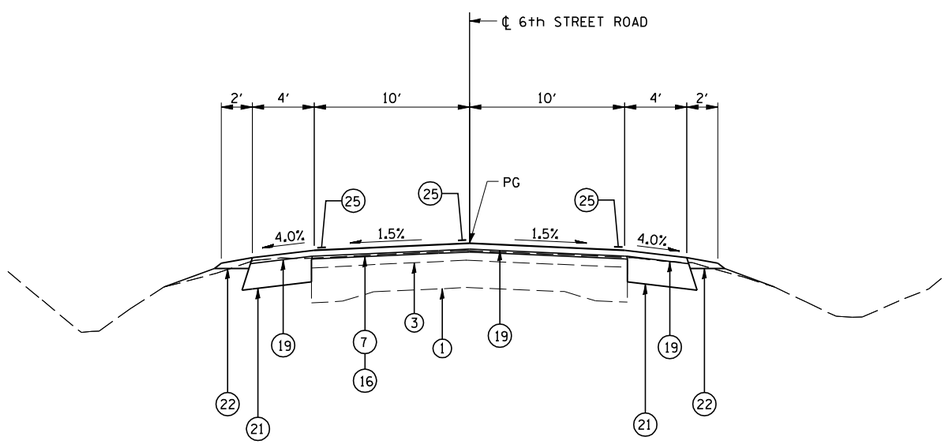
CONSTRUCT CUT SECTION AS
SHOWN IN STATION CROSS SECTIONS

④ PROPOSED 6th STREET ROAD TYPICAL CROSS SECTION

③ LT STA 14+25.64 TO STA 17+00.00 ⑤ ③ RT STA 14+35.40 TO STA 17+00.00 ⑤



DETAIL OF WIDENING AND SHOULDER



GRADE EXISTING EARTH OR
AGGREGATE SHOULDER AS SHOWN
IN STATION CROSS SECTION

③ PROPOSED 6th STREET ROAD TYPICAL CROSS SECTION

CONSTRUCT RIGHT SIDE HMA SHOULDER 8"
ADJACENT TO EXISTING PAVEMENT
STA 21+18.82 TO STA 22+33.23

② LT STA 0+00.85 TO STA 14+25.64 ④
⑤ LT STA 21+78.64 TO STA 22+18.82

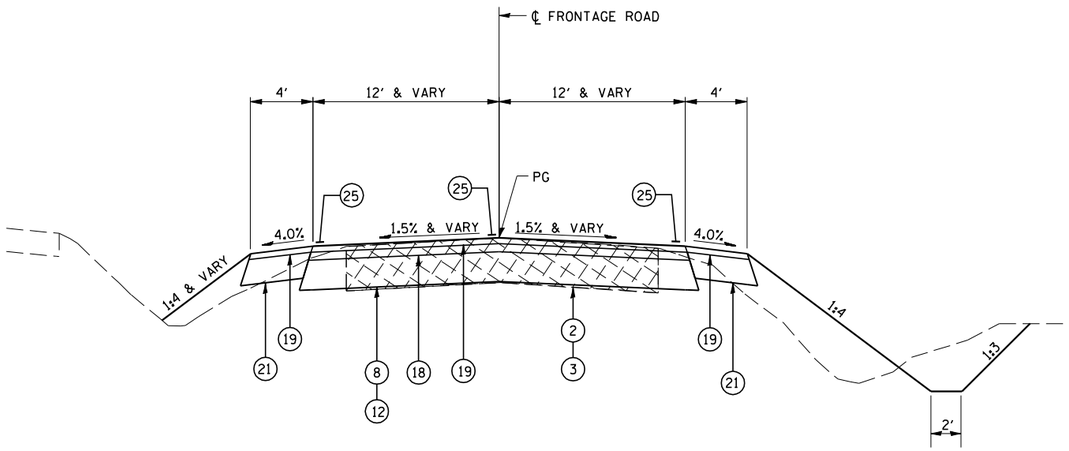
② RT STA 2+34.50 TO STA 14+35.40 ④
⑤ RT STA 21+78.64 TO STA 22+18.82

LEGEND

1. EX PCC PAVEMENT 9"-7"-9"
2. EXISTING AGGREGATE BASE 7"
3. EXISTING HMA OVERLAY 2 1/2"
4. EX HMA SHOULDER
5. EX AGGREGATE SHOULDER
6. EX COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
7. PR HMA SURFACE REMOVAL - VARIABLE DEPTH
8. PR PAVEMENT REMOVAL
9. PR PAVED SHOULDER REMOVAL
10. PR COMBINATION CURB AND GUTTER REMOVAL
11. PR SUBBASE GRANULAR MATERIAL TYPE A 8"
12. PR AGGREGATE BASE COURSE TYPE A 8"
13. PR TIE BAR
14. PR PCC BASE COURSE 9"
15. PR HMA BASE COURSE 9"
16. PR LEVELING BINDER (MACHINE METHOD) N70 3/4"
17. PR LEVELING BINDER (MACHINE METHOD) N70 VARIABLE DEPTH
18. PR HMA BINDER COURSE IL 19.0 N70 2 1/2"
19. PR HMA SURFACE COURSE MIX "D" N70 1 1/2"
20. PR HMA SHOULDER
21. PR HMA SHOULDER 6 1/2"
22. PR AGGREGATE WEDGE SHOULDER TYPE B
23. PR COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
24. PR PCC SIDEWALK 4"
25. PR PAVEMENT MARKING LINE
26. PR STRIP REFLECTIVE CRACK CONTROL TREATMENT

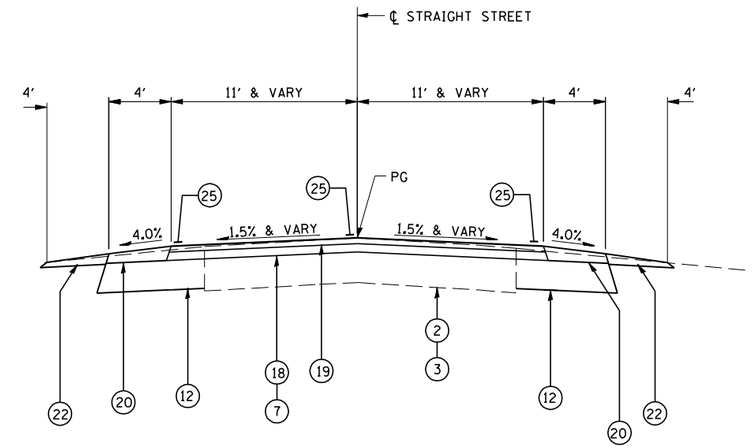
CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB = 2265.11	DESIGNED - NAK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS SBI 126 (6TH ST RD)
	FILE NAME = D672F74-sht-typical.dgn	DRAWN - SJS	REVISED -		
	PLOT SCALE = 9.7658 ' / IN.	CHECKED - NAK	REVISED -		
	PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	14
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



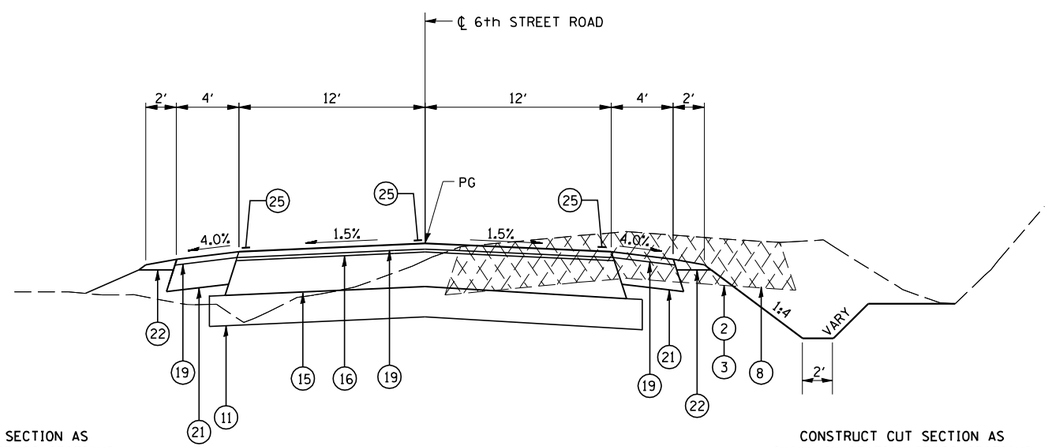
⑥ PROPOSED FRONTAGE ROAD TYPICAL CROSS SECTION

STA 59+29.96 TO STA 57+41.26



⑦ PROPOSED STRAIGHT STREET TYPICAL CROSS SECTION

STA 10+12.00 TO STA 11+01.94



CONSTRUCT FILL SECTION AS SHOWN IN STATION CROSS SECTIONS

CONSTRUCT CUT SECTION AS SHOWN IN STATION CROSS SECTIONS

⑤ PROPOSED 6th STREET ROAD TYPICAL CROSS SECTION

④ STA 17+00.00 TO STA 21+78.64 ③

LEGEND

1. EX PCC PAVEMENT 9"-7"-9"
2. EXISTING AGGREGATE BASE 7"
3. EXISTING HMA OVERLAY 2 1/2"
4. EX HMA SHOULDER
5. EX AGGREGATE SHOULDER
6. EX COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
7. PR HMA SURFACE REMOVAL - VARIABLE DEPTH
8. PR PAVEMENT REMOVAL
9. PR PAVED SHOULDER REMOVAL
10. PR COMBINATION CURB AND GUTTER REMOVAL
11. PR SUBBASE GRANULAR MATERIAL TYPE A 8"
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18. PR HMA BINDER COURSE IL 19.0 N70 2 1/2"
19. PR HMA SURFACE COURSE MIX "D" N70 1 1/2"
20. PR HMA SHOULDER
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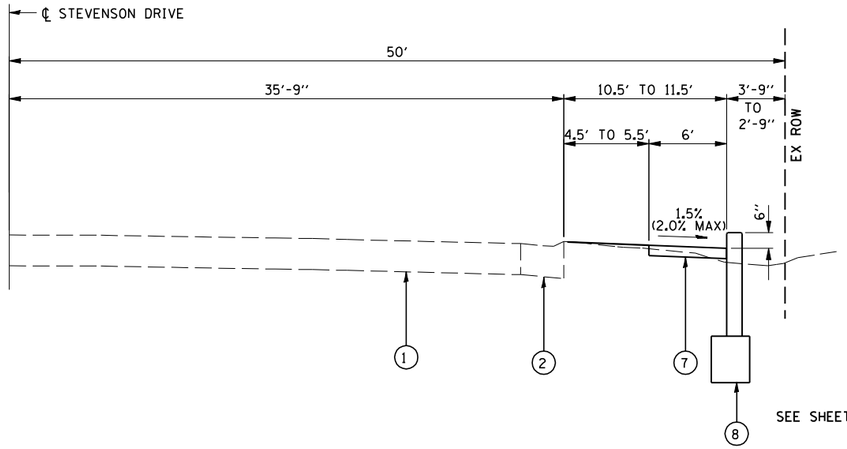
23. PR COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
24. PR PCC SIDEWALK 4"
25. PR PAVEMENT MARKING LINE
26. PR STRIP REFLECTIVE CRACK CONTROL TREATMENT

CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB = 2265.11	DESIGNED - NAK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS SBI 126 (6TH ST RD)
	FILE NAME = D672F74-sht-typical.dgn	DRAWN - SJS	REVISED -		
	PLOT SCALE = 9.7658 ' / IN.	CHECKED - NAK	REVISED -		
	PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	15
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

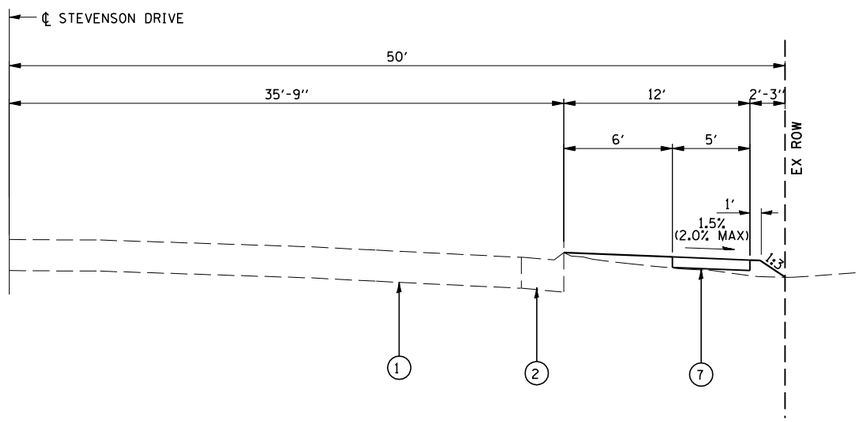


SEE SHEET 60 OF 94 FOR RETAINING WALL DETAILS

TRANSITION SIDEWALK WIDTH AS FOLLOWS
5' AT STA 9+25.58 TO 6' AT STA 9+30.32
6' AT STA 9+46.81 TO 5' AT STA 9+51.55

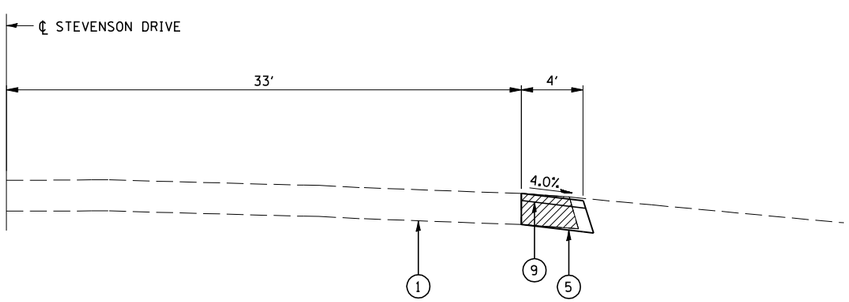
⑩ PROPOSED STEVENSON DRIVE TYPICAL CROSS SECTION

RT STA 9+32.57 TO STA 9+44.57



⑨ PROPOSED STEVENSON DRIVE TYPICAL CROSS SECTION

RT STA STA 7+64.83 TO STA 9+32.57
RT STA 9+44.57 TO STA 9+65.18



⑧ PROPOSED STEVENSON DRIVE TYPICAL CROSS SECTION

RT STA 6+03.61 TO STA 6+18.61 (HMA SHOULDER REMOVAL AND REPLACEMENT)

LEGEND

1. EX PAVEMENT
2. EX COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
3. PR PAVED SHOULDER REMOVAL
4. PR COMBINATION CURB AND GUTTER REMOVAL
5. PR HMA SHOULDER 6 1/2"
6. PR COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
7. PR PCC SIDEWALK 4"
8. PR RETAINING WALL
9. PR HMA SURFACE COURSE MIX "D" N70 1 1/2"

EARTHWORK

LOCATION	EXCAVATION	EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (−)
	CU YD	CU YD	CU YD	CU YD
6TH ST RD				
STA 100+40 TO STA 22+00	2,065	1,550	220	1,330
6TH ST FRONTAGE RD EAST.				
STA 57+75 TO STA 59+30	195	150	75	75
STRAIGHT ST				
STA 10+20 TO STA 11+00	35	30	0	30
STEVENSON DR.				
STA 6+04 TO STA 9+65	5	5	15	−10
TOTAL	2,300	1,735	310	1,425

SHRINKAGE FACTOR: 1.25

FURNISHED EXCAVATION: 0 CU YD

WASTE: 1,425 CU YD

TEMPORARY DITCH CHECKS

LOCATION	EACH
6TH ST. RD.	
STA 17+00.00	8
STA 19+50.00	8
STA 22+26.00	8
TOTAL	24

PERIMETER EROSION BARRIER

LOCATION	FOOT
6TH ST. RD.	
LT STA 0+94.00 TO STA 1+82.00	90
TOTAL	90

INLET AND PIPE PROTECTION

LOCATION	EACH
STEVENSON DR.	
RT STA 9+39.00	1
6TH ST. RD.	
LT STA 103+13.00	1
LT STA 104+05.00	1
LT STA 0+69.00	1
LT STA 2+45.00	1
LT STA 6+78.00	1
LT STA 9+50.00	1
LT STA 12+71.00	1
LT STA 20+30.00	2
LT STA 22+19.00	1
RT STA 102+27.00	1
RT STA 4+31.00	1
RT STA 7+13.00	1
RT STA 14+38.00	2
RT STA 18+45.00	2
TOTAL	18

SEEDING AND SODDING

LOCATION	SEEDING, CLASS 2	FERTILIZER NUTRIENT			AGRICULTURAL GROUND	MULCH, METHOD 3
		NITROGEN	PHOSPHORUS	POTASSIUM		
	ACRE	POUND	POUND	POUND	TON	ACRE
STEVENSON DR.						
RT STA 6+04.00 TO STA 6+56.00	0.01	0.90	0.90	0.90	0.02	0.01
RT STA 7+44.00 TO STA 9+64.00	0.01	0.90	0.90	0.90	0.02	0.01
RT STA 7+20.00 TO STA 9+64.00	0.04	3.60	3.60	3.60	0.08	0.04
6TH ST. RD.						
STA 100+56.00 TO STA 101+10.00	0.01	0.90	0.90	0.90	0.02	0.01
LT STA 101+10.00 TO STA 103+25.00	0.05	4.50	4.50	4.50	0.10	0.05
LT STA 103+45.00 TO STA 104+08.00	0.01	0.90	0.90	0.90	0.02	0.01
LT STA 0+38.00 TO STA 0+72.00	0.01	0.90	0.90	0.90	0.02	0.01
LT STA 0+94.00 TO STA 1+82.00	0.02	1.80	1.80	1.80	0.04	0.02
LT STA 2+43.00 TO STA 6+37.00	0.03	2.70	2.70	2.70	0.06	0.03
LT STA 6+72.00 TO STA 9+21.00	0.02	1.80	1.80	1.80	0.04	0.02
LT STA 9+46.00 TO STA 12+22.00	0.02	1.80	1.80	1.80	0.04	0.02
LT STA 12+67.00 TO STA 13+72.00	0.01	0.90	0.90	0.90	0.02	0.01
LT STA 18+90.00 TO STA 22+19.00	0.11	9.90	9.90	9.90	0.22	0.11
RT STA 100+56.00 TO STA 101+15.00	0.01	0.90	0.90	0.90	0.02	0.01
RT STA 101+15.00 TO STA 102+61.00	0.05	4.50	4.50	4.50	0.10	0.05
RT STA 103+03.00 TO STA 103+44.00	0.01	0.90	0.90	0.90	0.02	0.01
RT STA 4+22.00 TO STA 6+74.00	0.02	1.80	1.80	1.80	0.04	0.02
RT STA 7+05.00 TO STA 8+30.00	0.01	0.90	0.90	0.90	0.02	0.01
RT STA 8+44.00 TO STA 9+04.00	0.01	0.90	0.90	0.90	0.02	0.01
RT STA 9+80.00 TO STA 14+38.00	0.12	10.80	10.80	10.80	0.24	0.12
RT STA 13+86.00 TO STA 22+26.00	0.47	42.30	42.30	42.30	0.94	0.47
TOTAL	1.05	94.50	94.50	94.50	2.10	1.05

TEMPORARY EROSION CONTROL SEEDING

LOCATION	POUND
STEVENSON DR.	
RT STA 6+04.00 TO STA 6+40.00	0.87
RT STA 6+47.00 TO STA 6+56.00	0.13
RT STA 7+44.00 TO STA 9+64.00	1.18
RT STA 7+20.00 TO STA 9+64.00	4.48
6TH ST. RD.	
LT STA 100+56.00 TO STA 101+10.00	0.84
LT STA 101+10.00 TO STA 103+25.00	5.04
LT STA 103+45.00 TO STA 104+08.00	0.34
LT STA 0+38.00 TO STA 0+72.00	0.37
LT STA 0+94.00 TO STA 1+82.00	1.94
LT STA 2+43.00 TO STA 6+37.00	2.70
LT STA 6+72.00 TO STA 9+21.00	1.99
LT STA 9+46.00 TO STA 12+22.00	1.85
LT STA 12+67.00 TO STA 13+72.00	1.31
LT STA 18+90.00 TO STA 22+19.00	11.26
RT STA 100+56.00 TO STA 101+15.00	1.04
RT STA 101+15.00 TO STA 102+61.00	5.15
RT STA 103+03.00 TO STA 103+44.00	0.90
RT STA 4+22.00 TO STA 6+74.00	2.06
RT STA 7+05.00 TO STA 8+30.00	0.72
RT STA 8+44.00 TO STA 9+04.00	0.69
RT STA 9+80.00 TO STA 14+38.00	12.30
RT STA 13+86.00 TO STA 22+26.00	47.38
TOTAL	104.54

PAVEMENT

LOCATION	SUBBASE GRANULAR MATERIAL, TY A 8"	PCC BASE COURSE 9"	TIE BARS 3/4"	HMA BASE COURSE, 9"	AGG BASE COURSE TYPE A 8"
	SQ YD	SQ YD	EACH	SQ YD	SQ YD
6TH ST. RD.					
LT STA 100+32.26 TO STA 100+33.40	22.31	8.15	16		
LT STA 100+33.40 TO STA 100+61.56	45.88	33.44	32		
LT STA 100+61.65 TO STA 100+98.42	44.97	28.23	15		
LT STA 100+98.42 TO STA 0+00.85	550.40			522.33	
LT STA 14+25.64 TO STA 14+62.92	30.91			23.66	
LT STA 15+74.15 TO STA 17+00.00	105.18			80.70	
RT STA 100+32.85 TO STA 100+38.23	22.37	6.89	17		
RT STA 100+38.23 TO STA 100+77.82	50.70	35.28	18		
RT STA 100+77.82 TO STA 101+12.64	25.83	8.42	14		
RT STA 15+59.01 TO STA 17+00.00	120.44			93.14	
LT&RT STA 17+00.00 TO STA 21+78.26	1,469.64			1,283.45	
6TH ST FRONTAGE RD EAST					
LT&RT STA 57+41.68 TO STA 59+29.92					787.84
RT STA 57+41.68 TO STA 58+05.00					5.61
STRAIGHT ST					
LT STA 10+09.75 TO STA 10+42.95					67.56
LT STA 10+42.95 TO STA 10+54.20					5.98
RT STA 10+11.20 TO STA 10+49.00					62.17
RT STA 10+49.00 TO STA 10+69.53					
TOTAL	2,488.63	120.41	112	2,003.28	929.16

AGGREGATE WEDGE SHOULDERS, TYPE B

LOCATION	TON
6TH ST. RD.	
LT STA 0+41.92 TO STA 0+67.49	1.32
LT STA 0+98.12 TO STA 1+77.76	4.11
LT STA 2+46.67 TO STA 6+33.31	19.96
LT STA 6+76.23 TO STA 9+17.54	12.46
LT STA 9+49.85 TO STA 12+17.71	13.83
LT STA 12+71.26 TO STA 13+78.00	5.51
LT STA 14+28.89 TO STA 14+41.45	0.65
LT STA 15+78.52 TO STA 17+43.06	8.49
LT STA 17+96.06 TO STA 18+90.50	4.88
LT STA 21+78.68 TO STA 22+18.82	2.07
RT STA 2+34.40 TO STA 6+69.55	22.46
RT STA 7+09.43 TO STA 8+28.43	6.14
RT STA 8+48.14 TO STA 8+98.77	2.61
RT STA 9+84.39 TO STA 14+25.64	22.78
RT STA 21+78.23 TO STA 22+25.71	2.45
ST JOSEPH STREET	
LT STA 14+59.69 TO STA 14+74.91	0.65
RT STA 14+59.69 TO STA 15+00.41	2.48
FLORA AVE	
LT STA 9+60.04 TO STA 9+86.18	1.72
RT STA 9+60.04 TO STA 9+85.86	1.39
STRAIGHT ST.	
LT STA 10+20.19 TO STA 10+63.53	2.37
RT STA 10+18.80 TO STA 11+01.81	4.10
TOTAL	142.43

STRIP REFLECTIVE CRACK CONTROL TREATMENT

LOCATION	FOOT
6TH ST RD	
LT STA 100+32.00 TO STA 101+12.00	96
LT STA 101+12.00 TO STA 0+01.00	300
LT STA 14+25.00 TO STA 17+00.00	275
RT STA 100+32.00 TO STA 100+68.00	55
RT STA 100+68.00 TO STA 0+01.00	46
RT STA 14+35.00 TO STA 17+00.00	265
TOTAL	1,037

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

LOCATION	FOOT
BAKER DR.	
LT STA 10+36.00	9
6TH ST. RD	
LT STA 100+34.26 TO STA 100+72.42	77
RT STA 100+34.93 TO STA 100+73.53	57
TOTAL	143

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18

LOCATION	FOOT
6TH ST. RD	
RT STA 102+44.38 TO STA 102+64.38	30
RT STA 103+01.11 TO STA 103+46.11	66
TOTAL	96

CLASS SI CONCRETE (OUTLET)

LOCATION	CU YD
6TH ST. RD	
LT STA 100+72.42 TO STA 101+11.05	3.13
RT STA 100+73.53 TO STA 101+15.53	3.57
TOTAL	6.70

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
(VARIABLE WIDTH GUTTER FLAG)

LOCATION	FOOT
6TH ST. RD	
RT STA 100+32.99 TO STA 100+34.93	12
TOTAL	12

HOT-MIX ASPHALT SHOULDERS, 6 1/2"

LOCATION			SQ YD
6TH ST. RD			
LT	STA 0+00.85	TO STA 14+25.64	633.24
LT	STA 17+00.00	TO STA 22+18.82	230.59
RT	STA 100+97.17	TO STA 101+12.64	6.88
RT	STA 2+34.40	TO STA 14+35.40	533.78
RT	STA 17+00.00	TO STA 22+33.23	236.99
ST JOSEPH STREET			
LT	STA 14+59.69	TO STA 14+74.91	61.60
RT	STA 14+59.69	TO STA 15+00.41	250.04
FLORA AVE			
LT	STA 9+60.04	TO STA 9+86.18	163.36
RT	STA 9+60.04	TO STA 9+85.86	140.52
6TH ST FRONTAGE RD EAST			
LT	STA 57+46.18	TO STA 59+29.96	97.11
RT	STA 57+47.71	TO STA 59+29.96	68.19
STRAIGHT ST.			
LT	STA 10+54.20	TO STA 11+01.94	21.22
RT	STA 10+69.53	TO STA 11+01.94	14.40
TOTAL			2,457.92

PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH

LOCATION			SQ FT
STEVENSON DR			
RT	STA 6+40.97	TO STA 6+58.92	175.13
RT	STA 7+12.91	TO STA 9+64.61	1,338.49
BAKER DR			
LT	STA 10+64.00		26.00
RT	STA 10+69.00		90.00
TOTAL			1,629.62

PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH

LOCATION		SQ FT
BAKER DR		
LT	STA 10+36.14	29
LT	STA 10+42.00	8
LT	STA 10+45.00	8
RT	STA 10+36.00	8
RT	STA 10+42.00	8
RT	STA 10+46.00	8
TOTAL		69

DETECTABLE WARNINGS

LOCATION		SQ FT
BAKER DR		
LT	STA 10+36.14	11
LT	STA 10+42.00	8
LT	STA 10+45.00	8
LT	STA 10+61.00	8
RT	STA 10+36.00	8
RT	STA 10+42.00	8
RT	STA 10+46.00	8
RT	STA 10+67.00	9
STEVENSON DR.		
RT	STA 6+43.90	11
6TH ST.RD.		
LT	STA 100+54.40	23
RT	STA 100+53.37	11
TOTAL		113

CONCRETE CURB, TYPE B

LOCATION			FOOT
BAKER DR			
LT	STA 10+36.05	TO STA 10+43.51	8
LT	STA 10+36.14	TO STA 10+39.76	5
TOTAL			13

CONCRETE MEDIAN SURFACE, 4 INCH

LOCATION			SQ FT
BAKER DR			
LT	STA 10+36.05	TO STA 10+43.02	6.17
LT	STA 10+36.14	TO STA 10+39.26	1.51
TOTAL			7.68

TEMPORARY RAMP

LOCATION	WIDTH FOOT	LENGTH FOOT	QTY SQ YD
6TH ST RD			
STA 100+32.62	99	5	55.00
STA 22+18.82	20.5	5	11.39
ST JOSEPH ST			
STA 14+59.69	25	5	13.89
FLORA AVE			
STA 9+60.00	19	5	10.56
STRAIGHT ST			
STA 11+01.94	23	5	12.78
TOTAL			103.62

PAVEMENT PATCHING, TYPE II, 9 INCH

LOCATION	LENGTH	SQ YD
6TH ST RD		
SOUTHBOUND		
STA 101+50.00	6	6.67
STA 101+56.00	6	6.67
STA 102+30.00	6	6.67
STA 3+24.00	6	6.67
STA 3+65.00	8	8.89
STA 9+02.00	6	6.67
STA 10+50.00	6	6.67
STA 16+30.00	6	6.67
NORTHBOUND		
STA 101+50.00	6	6.67
STA 101+56.00	6	6.67
STA 102+30.00	6	6.67
STA 103+00.00	10	11.11
STA 3+24.00	6	6.67
STA 3+65.00	8	8.89
STA 4+70.00	6	6.67
STA 5+45.00	6	6.67
STA 9+02.00	6	6.67
STA 10+50.00	6	6.67
STA 12+70.00	6	6.67
STA 13+30.00	6	6.67
STA 16+30.00	6	6.67
TOTAL		148.95

RESURFACING

LOCATION	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	LEVELING BINDER (MM), N70	HMA BINDER CSE, IL 19.0, N70	HMA SURF CSE, MIX "D", N70
	TON	TON	TON	TON	TON
6TH ST. RD.					
VARIABLE DEPTH LEVELING BINDER					
STA 100+80.00 TO STA 0+50.00			179.26		
STA 1+00.00 TO STA 2+30.44			5.89		
STA 11+50.00 TO STA 17+00.00			34.23		
LEVELING BINDER 3/4", SURFACE COURSE 1 1/2"					
6TH ST. RD.					
STA 100+42.22 TO STA 101+12.64	0.17	0.87	18.30		36.60
STA 101+12.64 TO STA 102+96.20	0.27	1.40	29.12		81.88
STA 102+96.20 TO STA 104+12.35	0.14	0.72	14.93		43.94
STA 0+00.00 TO STA 0+00.85	0.00	0.00	0.08		0.24
STA 0+00.85 TO STA 2+62.57	0.22	1.16	24.43		48.84
STA 2+62.57 TO STA 14+25.64	0.98	5.17	108.55		330.41
STA 14+25.64 TO STA 14+48.00	0.02	0.11	2.30		6.38
STA 14+48.00 TO STA 21+15.51	0.67	3.54	74.76		198.28
STA 21+15.51 TO STA 21+78.64	0.06	0.31	6.48		17.82
STA 21+78.64 TO STA 22+18.82	0.03	0.18	3.75		11.38
ST JOSEPH STREET					
STA 14+59.69 TO STA 15+00.41	0.07	0.36	7.64		17.91
FLORA AVE					
STA 9+60.04 TO STA 9+86.18	0.03	0.14	3.03		8.45
6TH ST FRONTAGE RD EAST					
STA 57+41.26 TO STA 59+29.96	0.29	1.55		108.59	65.15
STRAIGHT ST.					
STA 10+16.00 TO STA 11+01.94	0.12	0.65		45.34	27.20
TOTAL	3.07	16.16	512.75	153.93	894.48

PAVEMENT REMOVAL

LOCATION	SQ YD
6TH ST. RD	
STA 17+00.00 TO STA 18+44.59	253.92
6TH ST FRONTAGE RD EAST.	
STA 51+24.00 TO STA 59+29.96	1,835.23
STRAIGHT ST.	
STA 9+40.50 TO STA 9+88.72	245.50
TOTAL	2,334.65

COMBINATION CURB AND GUTTER REMOVAL

LOCATION	FOOT
6TH ST. RD	
LT STA 100+32.25 TO STA 100+67.85	82
RT STA 100+32.25 TO STA 100+67.79	70
RT STA 102+44.00 TO STA 102+64.38	30
RT STA 103+10.15 TO STA 103+45.80	65
TOTAL	247

SIDEWALK REMOVAL

LOCATION	SQ FT
BAKER DR.	
LT STA 10+64.00	26
RT STA 10+69.00	70
TOTAL	96

MEDIAN REMOVAL(SPECIAL)

LOCATION	SQ FT
BAKER DR.	
LT STA 10+35.55	49
LT STA 10+42.00	8
LT STA 10+45.00	8
RT STA 10+36.00	8
RT STA 10+42.00	8
RT STA 10+46.00	8
STRAIGHT ST	
LT STA 10+20.00	25
TOTAL	114

PAVED SHOULDER REMOVAL

LOCATION	SQ YD
6TH ST. RD	
RT STA 100+32.62 TO STA 101+12.64	89.61
RT STA 2+33.50 TO STA 4+32.75	77.62
TOTAL	167.23

ENTRANCE AND SIDE ROAD SCHEDULE

LOCATION		LENGTH	WIDTH	AGGREGATE FOR TEMPORARY ACCESS	PREPARATION OF BASE	DRIVEWAY PAVEMENT REMOVAL	PCC DRIVEWAY PAVEMENT, 8 INCH	AGGREGATE BASE COURSE TYPE B 6"	HMA SURFACE REMOVAL - BUTT JOINT	BITUMINOUS MATERIALS (PRIME COAT)	INCIDENTAL HMA SURFACING
		FOOT	FOOT	TON	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON
6TH ST RD											
LT STA 103+34.00	HMA CE	6.00	23.15	4.69	33.38				87.33		14.95
LT STA 0+18.00	HMA CE	6.00	40.28	8.16	27.85				56.60		12.48
LT STA 0+84.00	HMA CE	6.00	12.28	2.49	19.24				35.39		8.62
LT STA 1+96.00	HMA CE	6.00	33.60	6.80	24.63				42.19		11.04
LT STA 2+30.00	HMA CE	6.00	27.30	5.53	19.97				34.29		8.95
LT STA 6+55.00	HMA CE	6.00	34.55	7.00	26.99				47.20		12.09
LT STA 9+34.00	CONC CE	6.00	24.30	4.92	19.77	35.88	19.77				
LT STA 12+45.00	CONC CE	6.00	45.55	9.22	34.36	53.73	34.36				
LT STA 14+05.00	AGG CE	22.00	35.00	7.09	51.75						23.18
LT STA 14+60.00	AGG CE	8.90	24.00	4.86	29.90						13.39
LT STA 17+70.00	AGG CE	11.00	35.00	7.09	56.21						25.18
LT STA 20+66.00	AGG FE	11.00	36.95	7.48	58.18			58.18		0.07	11.40
RT STA 102+83.00	CONC CE	26.52	35.00		104.04	108.60	104.04				
RT STA 103+61.00	CONC CE	25.55	28.50		83.88	87.13	83.88				
RT STA 103+81.14 TO STA 1+74.87	HMA PARKING		206.10						112.13	0.10	117.81
RT 1+95.32	ST JOSEPH ST	45.00	25.10						107.63		
RT STA 6+92.29	FLORA AVE	30.00	31.90						94.69		
RT STA 8+38.00	HMA PE	4.00	15.70	3.18	16.93			16.93	26.08	0.02	3.32
RT STA 9+42.00	HMA CE	6.00	77.60	15.71	154.86				188.82		69.38
STRAIGHT ST											
LT STA 10+84.00	AGG CE	11.00	18.00	3.64	35.60						15.95
TOTAL				97.86	797.54	285.34	242.05	75.11	832.35	0.19	347.74

PREPARATION OF BASE INCLUDES ALL EXCAVATION REQUIRED TO CONSTRUCT PROPOSED ENTRANCE.

SEE RESURFACING SCHEDULE FOR ADDITIONAL BITUMINOUS MATERIALS (PRIME COAT) QUANTITY

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

LOCATION		SQ YD
6TH ST. RD		
STA 100+32.62	TO STA 104+12.35	425.58
STA 0+00.00	TO STA 1+70.00	322.57
STA 1+70.00	TO STA 13+00.00	2,499.79
STA 21+78.64	TO STA 22+18.82	92.19
STRAIGHT ST		
STA 10+12.00	TO STA 11+01.91	263.05
TOTAL		3,603.18

PIPE CULVERT REMOVAL

LOCATION	TYPE	FOOT
6TH ST RD		
LT STA 103+34.00	15" CMP	33
RT STA 15+25.00	15" CMP	77
RT STA 15+25.00	15" CONC	41
RT STA 16+75.00	24" CONC	32
RT STA 17+50.00	18" CMP	168
LT STA 20+65.00	15" CMP	48
TOTAL		399

CURB REMOVAL

LOCATION	FOOT
STEVENSON DR	
RT STA 9+64.00	6
TOTAL	6

CONCRETE HEADWALL REMOVAL

LOCATION	EACH
6TH ST RD	
RT STA 16+75.00	1
RT STA 16+80.00	1
TOTAL	2

PIPE CULVERTS

LOCATION	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS EQUIVALENT ROUND-SIZE 18"	PIPE CULVERTS, CLASS D, TYPE 1 15"	PIPE CULVERTS, CLASS D, TYPE 1 18"	TRENCH BACKFILL
	FOOT	EACH	FOOT	FOOT	CU YD
6TH ST RD					
LT STA 103+34.00			38		
RT STA 15+10.50	192	4			13.8
STA 18+96.00	176	4			22.0
LT STA 20+66.00				112	
TOTAL	368	8	38	112	35.8

BOX CULVERT EXTENSION

LOCATION	MANHOLES, TYPE A, 6'-DIAMETER, TY 1 FRAME CLOSED LID	PIPE CULVERTS, CLASS A, TYPE 1 30"	PRECAST REINFORCED CONC FLARED END SEC 30"	CONCRETE REMOVAL	CONCRETE COLLAR	REINFORCEMENT BARS	EXPANSION BOLTS 3/4 INCH
	EACH	FOOT	EACH	CU YD	CU YD	POUNDS	EACH
6TH ST RD							
LT STA 100+62.20				0.8	0.4	40	4
LT STA 100+62.20 TO STA 100+71.30		12					
LT STA 100+73.20	1						
LT STA 100+75.54 TO STA 100+81.20		6					
LT STA 100+81.20 TO STA 100+87.35			1				
TOTAL	1	18	1	0.8	0.4	40	4

MANHOLES TO BE ADJUSTED

LOCATION	EACH
6TH ST RD	
RT STA 6+90.00	1
RT STA 9+46.00	1
STEVENSON DR	
RT STA 9+31.00	1
TOTAL	3

INLETS TO BE ADJUSTED

LOCATION	EACH
6TH ST RD	
RT STA 102+43.00	1
RT STA 103+25.00	1
RT STA 103+85.00	1
RT STA 0+66.00	1
RT STA 1+28.00	1
RT STA 1+70.00	1
TOTAL	6

PAVEMENT MARKING REMOVAL

LOCATION	TYPE	SQ FT
BAKER DR		
LT STA 10+45.00	CROSS WALK	10.45
LT STA 10+50.00	CROSS WALK	11.05
LT & RT STA 10+39.00	CROSS WALK	13.80
LT & RT STA 10+46.00	CROSS WALK	12.70
RT STA 10+44.00	CROSS WALK	10.95
RT STA 10+50.00	CROSS WALK	11.60
RT STA 10+57.00	STOP BAR	37.00
LT STA 10+46.00	STOP BAR	38.00
6TH ST RD		
RT STA 1+58.00	PARKING SPACE	10.00
STEVENSON DR		
LT STA 7+20.00	STOP BAR	78.80
TOTAL		234.35

THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

LOCATION	TYPE	SQ FT
STEVENSON DR		
LT STA 7+55.40	LEFT ARROW	15.6
6TH ST RD		
LT STA 100+94.00	LEFT & THROUGH ARROW	26.0
LT STA 100+94.00	RIGHT ARROW	15.6
LT STA 101+94.00	LEFT & THROUGH ARROW	26.0
LT STA 101+94.00	RIGHT ARROW	15.6
LT STA 102+96.20	LEFT & THROUGH ARROW	26.0
LT STA 102+96.20	RIGHT ARROW	15.6
TOTAL		140.4

THERMOPLASTIC PAVEMENT MARKING - LINE 5"

LOCATION		WHITE	YELLOW	TOTAL
		FOOT	FOOT	FOOT
6TH ST. RD				
SOLID WHITE EDGE LINE				
LT STA 100+98.42	TO STA 104+12.35	313.93		313.93
LT STA 0+00.00	TO STA 14+53.71	1,453.71		1,453.71
LT STA 15+78.82	TO STA 22+18.82	640.00		640.00
RT STA 100+97.17	TO STA 104+12.35	315.18		315.18
RT STA 0+00.00	TO STA 1+74.87	174.87		174.87
RT STA 2+34.40	TO STA 6+63.55	429.15		429.15
RT STA 7+15.43	TO STA 14+35.40	719.97		719.97
RT STA 15+93.60	TO STA 22+18.82	625.22		625.22
YELLOW SKIP DASH				
STA 0+00.00	TO STA 22+18.82		560.00	560.00
SOLID YELLOW CENTERLINE				
LT STA 100+63.93	TO STA 102+96.20	232.27		232.27
RT STA 100+63.93	TO STA 102+96.20	232.27		232.27
6TH ST FRONTAGE RD EAST				
SOLID WHITE EDGE LINE				
LT STA 57+40.04	TO STA 59+30.00	249.49		249.49
RT STA 58+37.54	TO STA 59+30.00	170.61		170.61
YELLOW SKIP DASH				
STA 58+58.00	TO STA 59+30.00		20.00	20.00
SOLID YELLOW CENTERLINE				
LT STA 57+51.33	TO STA 58+58.00	249.49		249.49
RT STA 57+51.33	TO STA 58+58.00	170.61		170.61
STRAIGHT ST.				
SOLID WHITE EDGE LINE				
LT STA 10+11.11	TO STA 11+01.90	130.60		130.60
RT STA 10+12.80	TO STA 11+01.90	112.90		112.90
SOLID YELLOW CENTERLINE				
LT STA 10+20.45	TO STA 11+01.90	81.45		81.45
RT STA 10+20.45	TO STA 11+01.90	81.45		81.45
TOTAL		6,383.17	580.00	6,963.17

THERMOPLASTIC PAVEMENT MARKING - LINE 6"

LOCATION		WHITE
		FOOT
STEVENSON DR.		
CROSSWALK		
STA 6+42.27	TO STA 6+60.22	70.81
STA 6+47.75	TO STA 6+66.20	72.79
STA 7+07.09	TO STA 7+14.81	84.34
STA 7+13.14	TO STA 7+20.28	78.03
BAKER DR		
CROSSWALK		
STA 10+46.00	TO STA 10+57.00	21.08
STA 10+59.50	TO STA 10+61.60	22.12
STA 10+39.10	TO STA 10+39.30	28.14
STA 10+45.10	TO STA 10+45.30	28.11
STA 10+45.10	TO STA 10+62.20	23.37
STA 10+49.10	TO STA 10+66.20	23.33
6TH ST. RD		
CROSSWALK		
STA 100+50.42	TO STA 100+53.45	53.95
STA 100+56.56	TO STA 100+59.29	58.62
SOLID WHITE LANE LINE		
LT STA 100+63.93	TO STA 102+96.20	232.27
2' DASH, 6' SKIP		
LT STA 102+96.20	TO STA 104+12.35	30.00
TOTAL		826.96

THERMOPLASTIC PAVEMENT MARKING - LINE 8"

LOCATION		WHITE
		FOOT
SOLID WHITE ISLAND		
6TH ST RD.		
RT STA 14+76.98	TO STA 15+07.99	31.01
6TH ST FRONTAGE RD EAST		
RT STA 57+48.87	TO STA 58+03.56	47.78
RT STA 57+43.96	TO STA 58+03.56	49.67
TOTAL		128.46

THERMOPLASTIC PAVEMENT MARKING - LINE 12"

LOCATION		WHITE
		FOOT
SOLID WHITE ISLAND DIAGONALS		
6TH ST FRONTAGE RD EAST		
RT STA 57+43.87	TO STA 58+03.56	72.54
TOTAL		72.54

THERMOPLASTIC PAVEMENT MARKING - LINE 24"

LOCATION	WHITE
	FOOT
SOLID WHITE STOP BAR	
STEVENSON DR	
STA 7+25.45	39.22
BAKER DR	
STA 10+58.25	19.00
STA 10+65.73	18.50
6TH ST. RD.	
STA 100+63.93	23.87
6TH ST FRONTAGE RD EAST	
STA 57+51.33	20.89
STRAIGHT ST.	
STA 10+20.45	23.02
TOTAL	144.50

PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS

LOCATION	TYPE	SQ FT
6TH ST RD		
RT STA 102+87.00	LEFT ARROW	15.6
RT STA 102+92.00	RIGHT ARROW	15.6
TOTAL		31.2

PAINT PAVEMENT MARKING - LINE 5"

LOCATION		WHITE
		FOOT
6TH ST RD		
RT STA 102+78.00		8
RT STA 102+89.00		8
RT STA 103+79.00	TO STA 1+62.00	220
TOTAL		236

PAINT PAVEMENT MARKING - LINE 12"

LOCATION		WHITE
		FOOT
6TH ST RD		
RT STA 1+48.80	TO STA 1+79.40	175
TOTAL		175

PAINT PAVEMENT MARKING - LINE 24"

LOCATION	WHITE
	FOOT
ST JOSEPH STREET	
STA 14+80.00	17
TOTAL	17

SHORT TERM PAVEMENT MARKING

LOCATION		NO. APPLICATIONS	FOOT
6TH ST RD			
STA 100+32.62	TO STA 104+12.35	4	160
STA 0+00.00	TO STA 22+25.71	4	896
6TH ST FRONTAGE RD EAST			
STA 57+41.26	TO STA 59+29.96	3	60
TOTAL			1,116

WORK ZONE PAVEMENT MARKING REMOVAL

LOCATION		SQ FT
6TH ST RD		
STA 100+32.62	TO STA 104+12.35	13
STA 0+00.00	TO STA 22+25.71	75
6TH ST FRONTAGE RD EAST		
STA 57+41.26	TO STA 59+29.96	7
TOTAL		95

SIGNS

LOCATION	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT	SIGN TYPE
	SQ FT	FOOT	
6T ST RD			
LT STA 102+50.00	6.0	20	RIGHT TURN LANE
6TH ST FRONTAGE RD EAST			
RT STA 59+00.00	9.0	20	STOP AHEAD
RT STA 57+54.00	9.0	20	STOP
RT STA 57+54.00	4.5		CROSS TRAFFIC DOES NOT STOP
TOTAL	28.5	60	

EXIST. CURVE 404
PI STA. = 67+32.54
Δ = 14° 24′ 08″ (RT)
D = 7° 42′ 35″
R = 743.16′
T = 93.90′
L = 186.81′
E = 5.91′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 66+38.64
P.T. STA. = 68+25.44

PROP. CURVE EFR01
PI STA. = 59+29.00
Δ = 1° 25′ 00″ (LT)
D = 0° 59′ 51″
R = 5,743.58′
T = 71.01′
L = 142.00′
E = 0.44′
e = NORMAL CROWN
T.R. = -----
S.E. RUN = -----
P.C. STA. = 58+58.00
P.T. STA. = 60+00.00

PROP. CURVE EFR02
PI STA. = 58+08.80
Δ = 76° 25′ 53″ (RT)
D = 63° 39′ 52″
R = 90.00′
T = 70.86′
L = 120.05′
E = 24.55′
e = NORMAL CROWN
T.R. = -----
S.E. RUN = -----
P.C. STA. = 57+37.94
P.T. STA. = 58+57.99

EXIST. CURVE 403
PI STA. = 53+69.21
Δ = 16° 06′ 45″ (LT)
D = 0° 59′ 51″
R = 5,743.58′
T = 812.95′
L = 1,615.18′
E = 57.25′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 45+56.26
P.T. STA. = 61+71.44

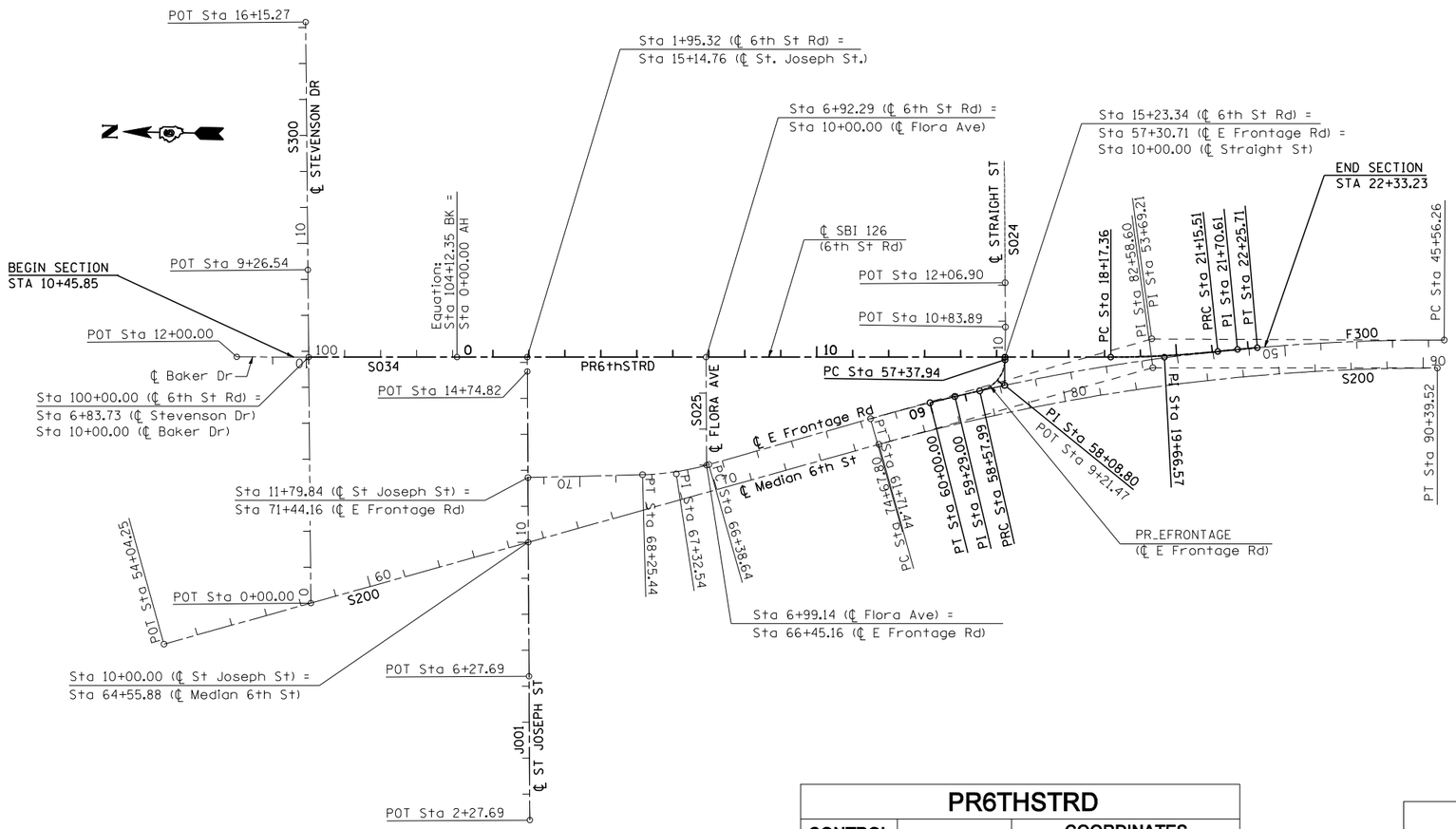
EXIST. CURVE 402
PI STA. = 43+01.90
Δ = 47° 43′ 51″ (RT)
D = 20° 22′ 53″
R = 281.12′
T = 124.37′
L = 234.19′
E = 26.28′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 41+77.52
P.T. STA. = 44+11.71

EXIST. CURVE 401
PI STA. = 39+50.11
Δ = 47° 38′ 49″ (LT)
D = 20° 37′ 45″
R = 277.74′
T = 122.63′
L = 230.97′
E = 25.87′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 38+27.48
P.T. STA. = 40+58.45

EXIST. CURVE 405
PI STA. = 82+58.60
Δ = 15° 40′ 47″ (RT)
D = 0° 59′ 51″
R = 5,743.30′
T = 790.80′
L = 1,571.72′
E = 54.19′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 74+67.80
P.T. STA. = 90+39.52

PROP. CURVE T1
PI STA. = 19+66.57
Δ = 6° 02′ 11″ (LT)
D = 2° 01′ 29″
R = 2,830.00′
T = 149.21′
L = 298.15′
E = 3.93′
e = NORMAL CROWN
T.R. = -----
S.E. RUN = -----
P.C. STA. = 18+17.36
P.T. STA. = 21+15.51

PROP. CURVE T2
PI STA. = 21+70.61
Δ = 1° 05′ 57″ (RT)
D = 0° 59′ 51″
R = 5,743.58′
T = 55.10′
L = 110.20′
E = 0.26′
e = NORMAL CROWN
T.R. = -----
S.E. RUN = -----
P.C. STA. = 21+15.51
P.T. STA. = 22+25.71



S300			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.O.T	0+00.00	1125897.9567	2442689.0491
P.O.T	9+26.54	1125924.3270	2443615.2110
P.O.T	16+15.27	1125943.9290	2444303.6600

PR6THSTRD			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.O.T	100+00.00	1125917.4164	2443372.4999
P.O.T	104+12.35	1125505.1409	2443380.5003
P.O.T	104+12.35	1125505.1409	2443380.5003
P.C.	18+17.36 R 2	1123688.1277	2443415.7605
P.I.	19+66.57 R 2	1123538.9416	2443418.6555
P.T.	21+15.51 R 2	1123390.8872	2443437.2228
P.C.	21+15.51 R 2	1123390.8872	2443437.2228
P.I.	21+70.61 R 2	1123336.2147	2443444.0792
P.T.	22+25.71 R 2	1123281.4208	2443449.8855

PR_EFRONTAGE			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.O.T	57+30.71	1123982.0901	2443410.0560
P.C.	57+37.94	1123982.0554	2443402.8293
P.I.	58+08.80	1123981.7148	2443331.9701
P.T.	58+57.99	1124050.5164	2443315.0147
P.C.	58+58.00	1124050.5191	2443315.0140
P.I.	59+29.00	1124119.4622	2443298.0237
P.T.	60+00.00	1124187.9643	2443279.3342

CEC Cummins Engineering Corporation
Civil and Structural Engineering

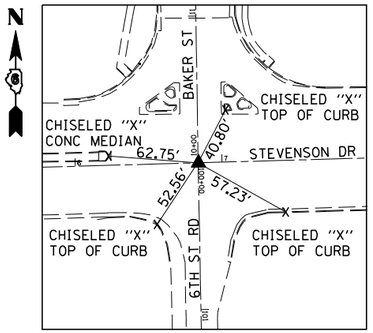
JOB = 2265.11	DESIGNED - NAK	REVISED -
FILE NAME = D672F74-sht-ATB.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 400.0000 ' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

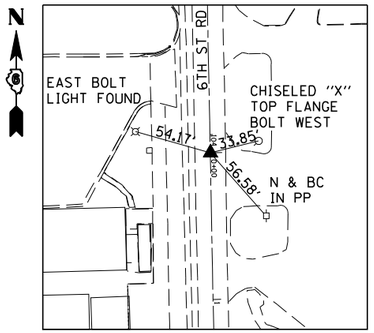
ALIGNMENT
SBI 126 (6TH ST RD)

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

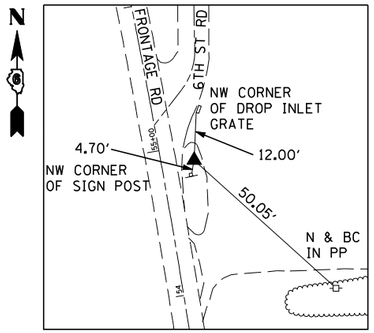
S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	25
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



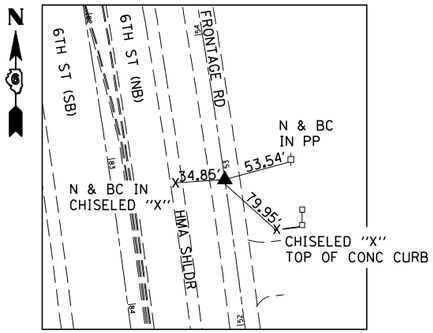
P.O.T. STA 6+83.73 (S300)
P.O.T. STA 100+00.00 (S034)
PK NAIL W CHISELED "X"



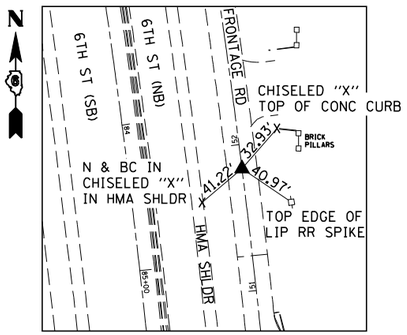
STA EQN: STA 104+12.35 BK = STA 0+00.00 AH
PK NAIL W CHISELED "X"



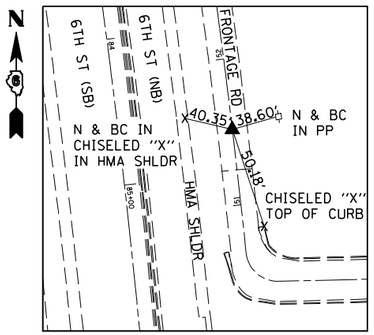
P.C. STA 18+17.36
SET #4 REBAR W IDOT CAP



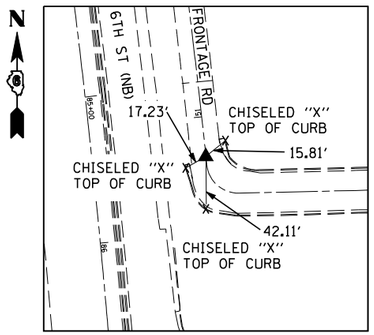
P.I. STA 19+66.57
SET PK NAIL IN CHISELED "X"



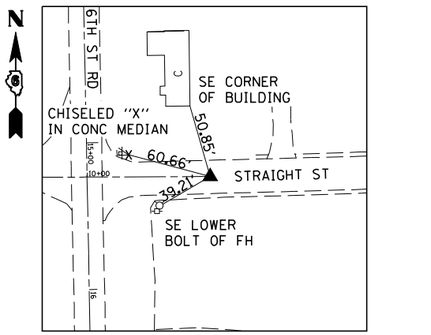
P.R.C. STA 21+15.51
SET PK NAIL IN CHISELED "X"



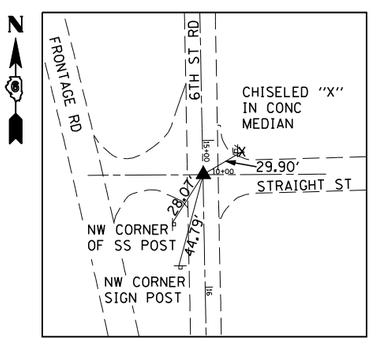
P.I. STA 21+70.61
SET PK NAIL IN CHISELED "X"



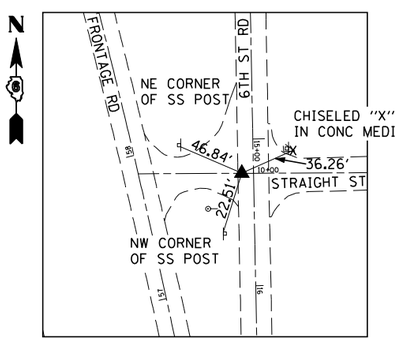
P.T. STA 22+25.71
SET PK NAIL IN CHISELED "X"



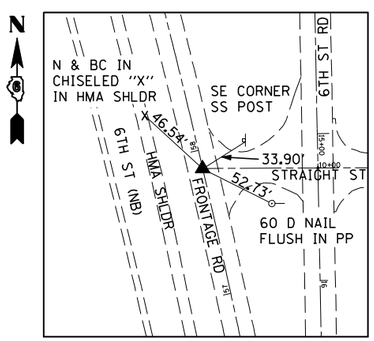
P.O.T. STA 10+83.89
SET PK NAIL IN CHISELED "X"



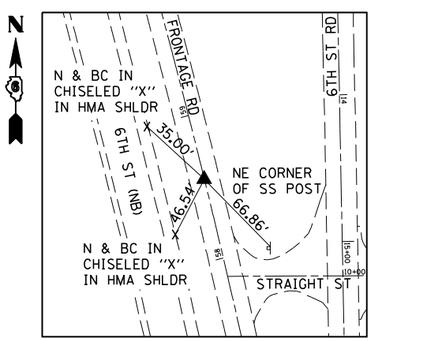
P.O.T. STA 57+30.71
SET PK NAIL IN CHISELED "X"



P.C. STA 57+37.94
SET PK NAIL IN CHISELED "X"



P.I. STA 58+08.80
SET PK NAIL IN CHISELED "X"



P.R.C. STA 58+57.99
SET PK NAIL IN CHISELED "X"

BM WS-2: SET CHISELED "X" ON S.W. TOP FLANGE BOLT
OF FIRE HYDRANT, EAST SIDE OF OLD 6TH ST.
JUST N. OF ST. JOSEPH ST.;
STA 104+05.4, 33.1' LT (S034)
NAVD '88: 601.859

BM TA-23: FOUND CHISELED "□" N. END CONCRETE FOUNDATION
OF TRAFFIC SIGNAL HAND HOLE LOCATED IN GRASS
MEDIAN OF S. 6TH ST. & S. OF STEVENSON DR.;
STA 59+05.9, 2.0' LT(S200)
NAVD '88: 605.341

BM TA-21: CHISELED "□" CENTER W. HEADWALL 24" RCCP UNDER E.
FRONTAGE RD E. OF S. 6TH ST. & ACROSS FROM
STANLEY STEAMER;
STA 80+03.0, 59.9' LT (S200)
NAVD '88: 599.523

BM "STEVE": CHISELED "□" N.E. CORNER MAST ARM FOUNDATION
S.W. QUAD 6TH ST. & STEVENSON DR.;
STA 59+32.0, 67.4' RT (S200)
NAVD '88: 604.607

BM TJM-5: FOUND CHISELED "□" S.E. CORNER OF TRAFFIC SIGNAL
FOUNDATION AT N.E. QUAD OF I-55B(6TH ST.) & ST. JOSEPH ST.;
STA 64+35.4, 63.7' LT (S200)
NAVD '88: 603.618

BM TA-24: FOUND CHISELED "□" ON SOUTH SIDE OF TRAFFIC SIGNAL
FOUNDATION, LOCATED IN THE NW ISLAND AT STEVENSON
AND BAKER DRIVES;
STA 6+59.5, 41.6' LT (S300)
NAVD '88: 603.880

CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-ATB.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 384.0000 ' / IN.	CHECKED - NAK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS TIES & BENCHMARKS
SBI 126 (6TH ST RD)

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

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	26
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

REMOVAL OF EXISTING HMA MATERIAL ON THE SHOULDER LT STA 100+67 TO STA 0+00 WILL BE PAID FOR AS EARTH EXCAVATION

REMOVAL LEGEND
- DRIVEWAY PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- COMBINATION CURB & GUTTER REMOVAL
- HMA SURFACE REMOVAL-BUTT JOINT

2 CENTERED CURVE
RADIUS 2A = 40.0'
RADIUS 2B = 120.0'
OFFSET= 2.0'

2 CENTERED CURVE
RADIUS 1A = 32.0'
RADIUS 1B = 300.0'
OFFSET= 10.0'

STA 100+00.00 6TH ST RD
STA 6+83.73 STEVENSON DR
STA 10+00.00 BAKER DR

BEGIN SECTION
STA 10+45.85

FAP 663 (STEVENSON DR)

PCC SIDEWALK 4"

7+64.83
33.00' RT

7+54.23
42.73' RT

7+42.29
54.46' RT

SEE SHEETS 47 & 48 FOR DETAILS OF BOX CULVERT EXTENSION

LITTLE FLOWER CHURCH

RAD 2A

100+35.5
54.76' LT

CCC&G TY B-6.24

CL SI CONCRETE (OUTLET) STD 606006

EX ROW LINE

8" F.M. ABANDONED

CONSTRUCTION LIMITS

HMA SHOULDER 6½"
HMA SURFACE 1½"

102+96.20
24.00' LT

+34
HMA CE

PIPE CULVERT CL D
TY 1 15"x38'

EQUATION: Sta 104+12.35 BK = Sta 0+00.00 AH

1' STUB
0+00.85
11.00' LT

AGG WEDGE
SHOULDER TY B

+18
HMA CE

+84
HMA CE

15" CMP

POT Sta 100+00.00

90°31'09"

RAD 2B

100+74.42
24.00' LT

100+98.42
24.00' LT

34'

MUN 7921
BAKER DR

100+00

101

102

103

104

0+00

SBI 126 (6TH ST RD)

MATCHLINE STA 1+00.00

90°44'48"

RAD 1B

101+12.64
10.18' RT

INLET TO BE ADJUSTED

10'

100+56.00
21.73' RT

RAD 1A

1' STUB
101+12.64
11.18' RT

HMA SHOULDER 6½"
HMA SURFACE 1½"

CONC PARKING

CCC&G
TY B-6.24

6+40.42
56.04' RT

6+30.58
32.37' RT

CL SI CONCRETE (OUTLET) STD 606006

CCC&G
TY B-6.18

+83
CONC CE

+61
CONC CE

PCC SIDEWALK 4"

EX ROW LINE

CONSTRUCTION LIMITS

PCC DRIVEWAY
PVT 8"

6+18.61
32.40' RT

HMA SHOULDER 6 1/2 "
HMA SURFACE 1 1/2 "

LANDSCAPING

CURVE INN

6+03.61
32.44' RT

UNITED COMMUNITY BANK

MCDONALS

HMA

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTAT'NS CH'KD
NOTE BOOK NO.
BY
DATE

610
605
600
595
590
585

186.00' V.C.

603.42

VPI STA. 100+77.65
ELEVATION 602.77

-1.46%

-2.06%

+97.48 EL. 602.36

+83.48 EL. 599.96

PR ℄ PROFILE

EX ℄ PROFILE

-2.06%

VPI STA. 101+90.48
ELEVATION 600.44

-0.52%

-0.52%

VPI STA. 104+00.00
ELEVATION 599.35

-0.26%

+0.09%

VPI STA. 0+37.83
ELEVATION 599.35

-0.07%

-0.07%

VPI STA. 0+84.87
ELEVATION 599.32

-0.00

(EXISTING)
(PROPOSED)

603.86 | 603.59 | 603.07 603.17 | 602.63 602.81 | 602.10 602.31 | 601.59 601.82 | 601.13 601.39 | 600.74 601.01 | 600.37 600.68 | 600.04 600.40 | 599.76 600.18 | 599.57 600.00 | 599.44 599.87 | 599.33 599.74 | 599.21 599.61 | 599.15 599.48 | 599.13 599.35 | 599.13 599.32 | 599.15 599.34 | 599.16 599.34 | 599.14 599.32 | 599.12 599.32

100+00 100+50 101+00 101+50 102+00 102+50 103+00 103+50 104+00 -+00 0+50 1+00

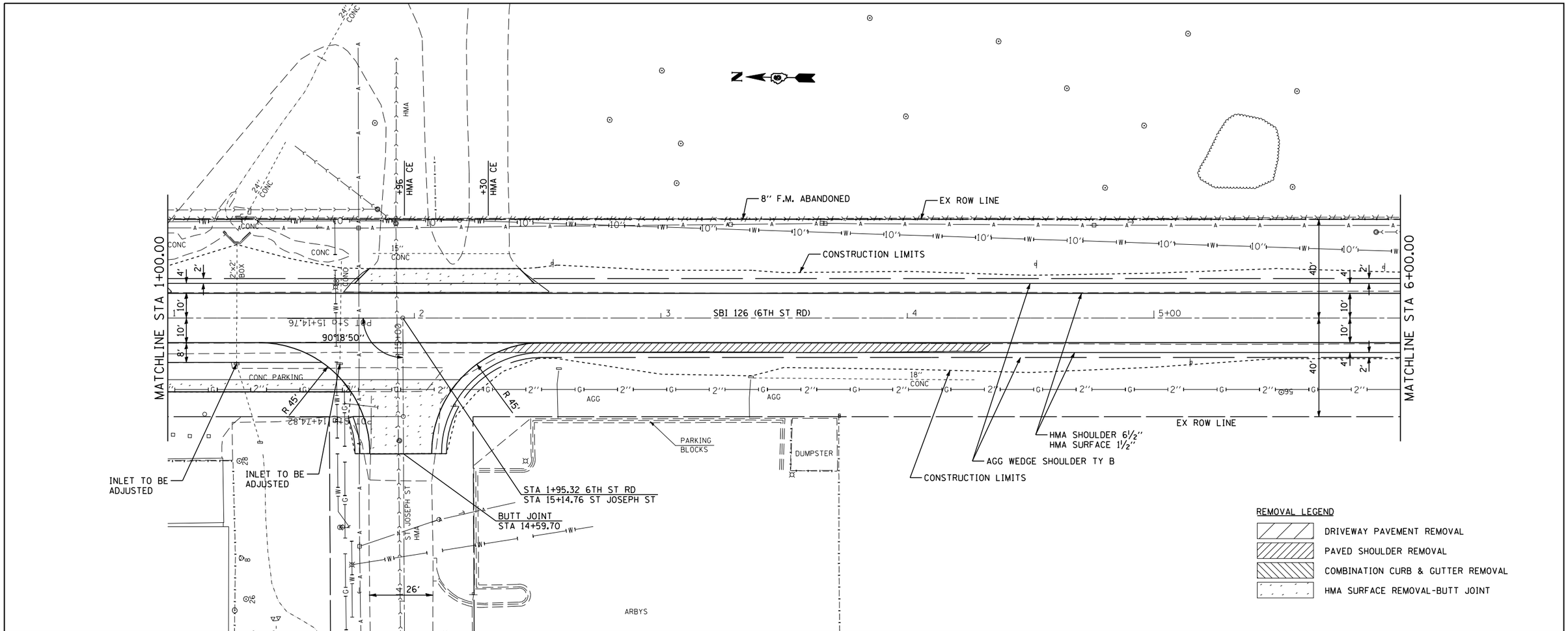
CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB = 2265.11	DESIGNED - NAK	REVISED -
	FILE NAME = D672F74-sht-pln.dgn	DRAWN - SJS	REVISED -
	PLOT SCALE = 40.0000 ' / IN.	CHECKED - NAK	REVISED -
	PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -

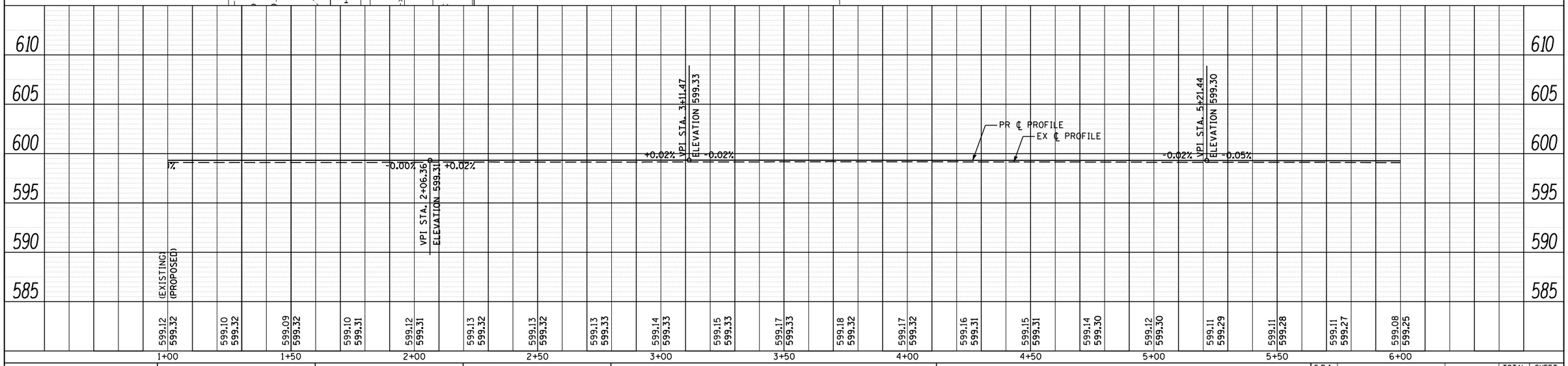
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE SHEET
SBI 126 (6TH STREET ROAD)

SCALE: | SHEET OF SHEETS | STA. 100+00 TO STA. 1+00

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	27
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
R/T OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M. NOTED		
STRUCTURE NOTAT'NS CHKD		
NOTE BOOK NO.		

CEC Cummins Engineering Corporation
Civil and Structural Engineering

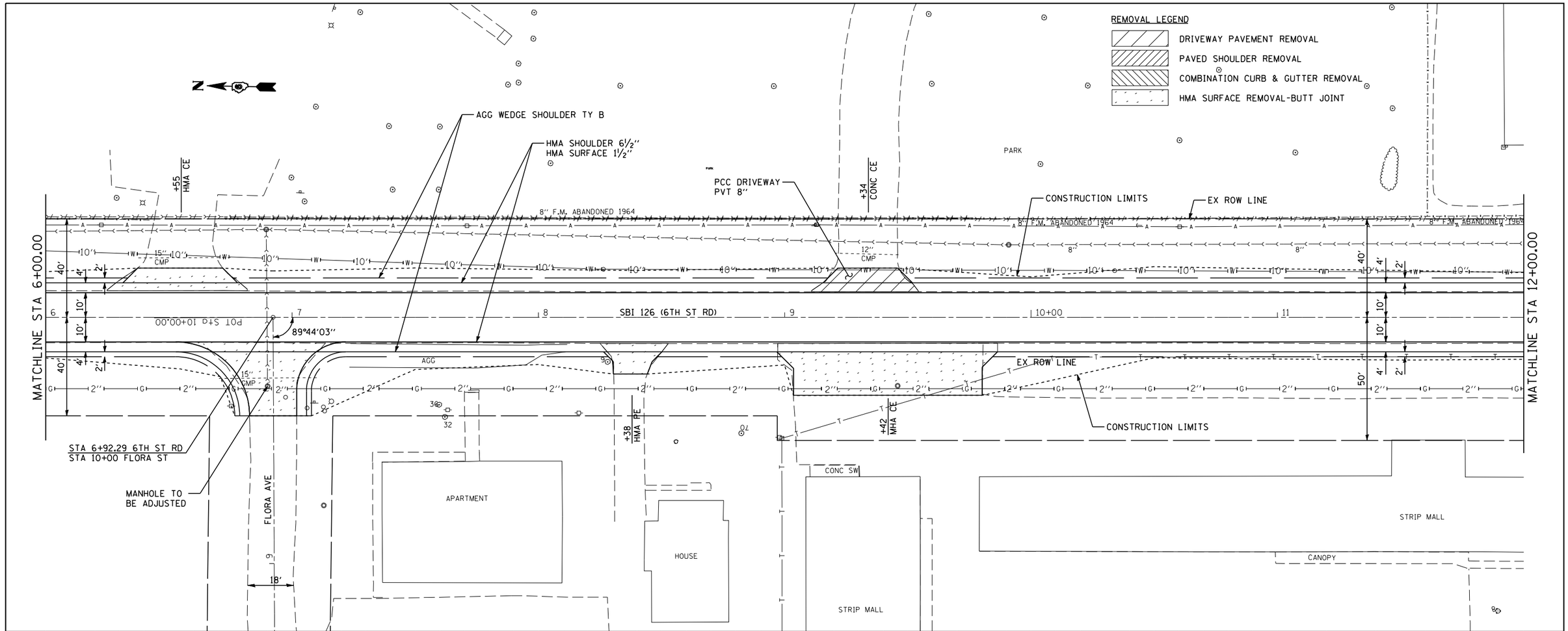
JOB = 2265.11	DESIGNED - NAK	REVISED -
FILE NAME = D672F74-sht-pln.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 40.0000 ' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE SHEET
SBI 126 (6TH STREET ROAD)

SCALE: | SHEET OF SHEETS | STA. 1+00 TO STA. 6+00

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	28
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLAN		BY	DATE
SURVEYED			
PLOTTED			
ALIGNMENT CHECKED			
RT. OF WAY CHECKED			
CADD FILE NAME			
NOTE BOOK NO.			

PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
B.M. NOTED			
STRUCTURE NOTAT'NS CH'KD			
NOTE BOOK NO.			

CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-pln.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 40.0000 ' / IN.	CHECKED - NAK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

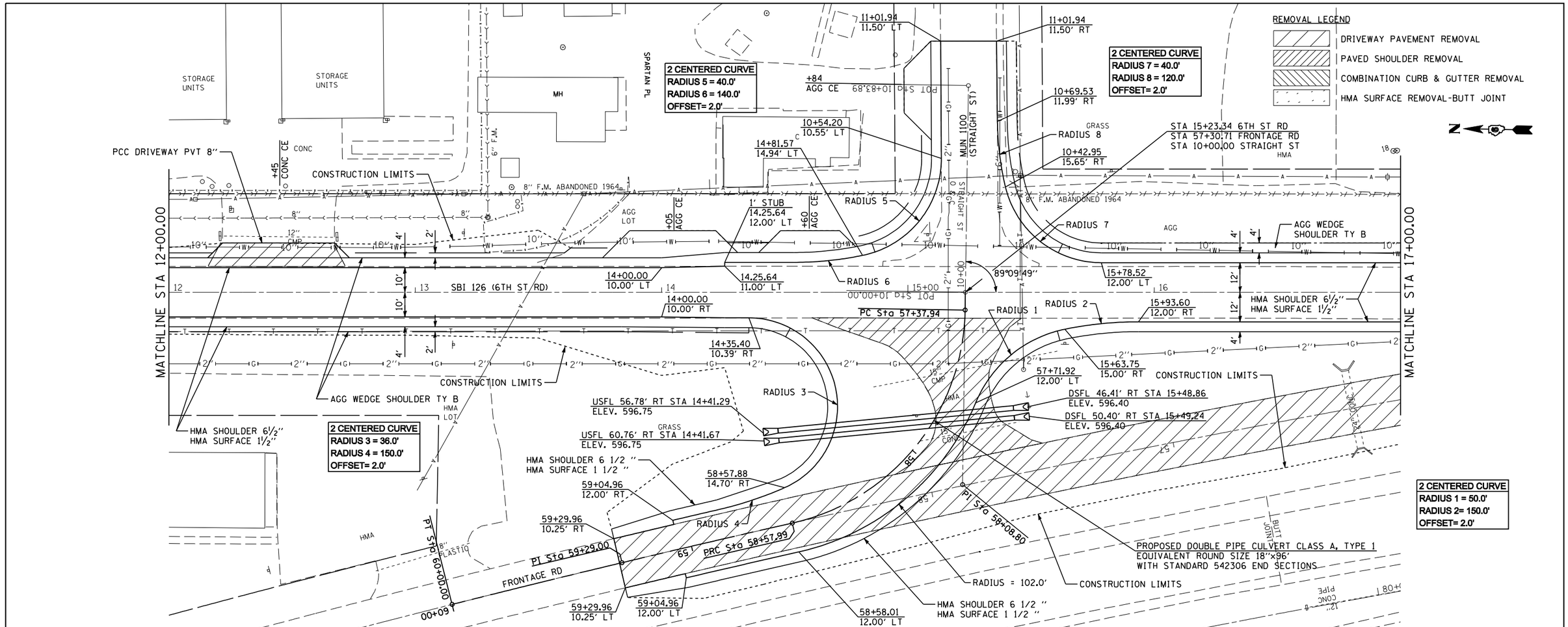
PLAN AND PROFILE SHEET
SBI 126 (6TH STREET ROAD)

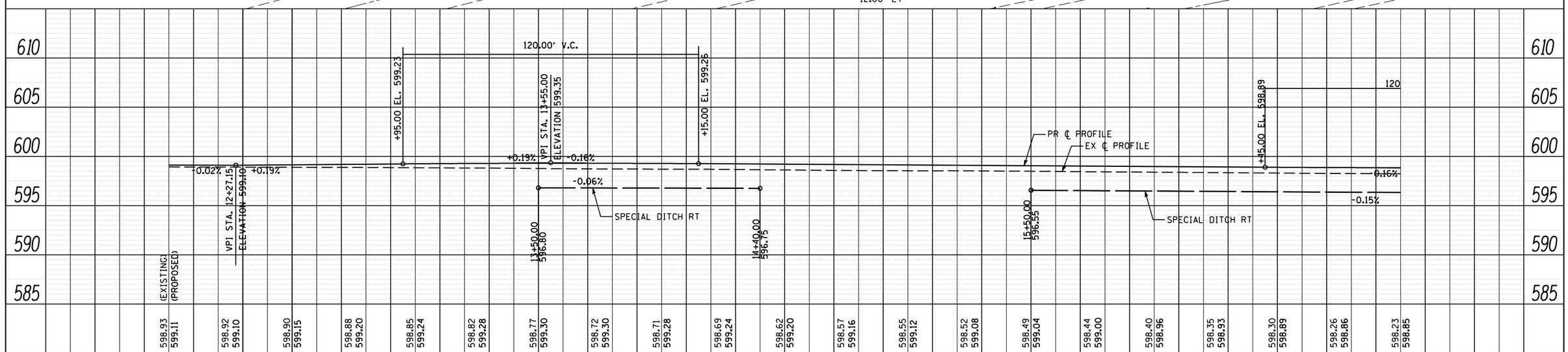
SCALE: | SHEET OF SHEETS | STA. 6+00 TO STA. 12+00

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	29

CONTRACT NO. 72F74

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT





CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB = 2265.11	DESIGNED - NAK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE SHEET SBI 126 (6TH STREET ROAD)
	FILE NAME = D672F74-sht-pln.dgn	DRAWN - SJS	REVISED -		
	PLOT SCALE = 40.0000 ' / IN.	CHECKED - NAK	REVISED -		
	PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -		

SCALE: SHEET OF SHEETS STA. 12+00 TO STA. 17+00

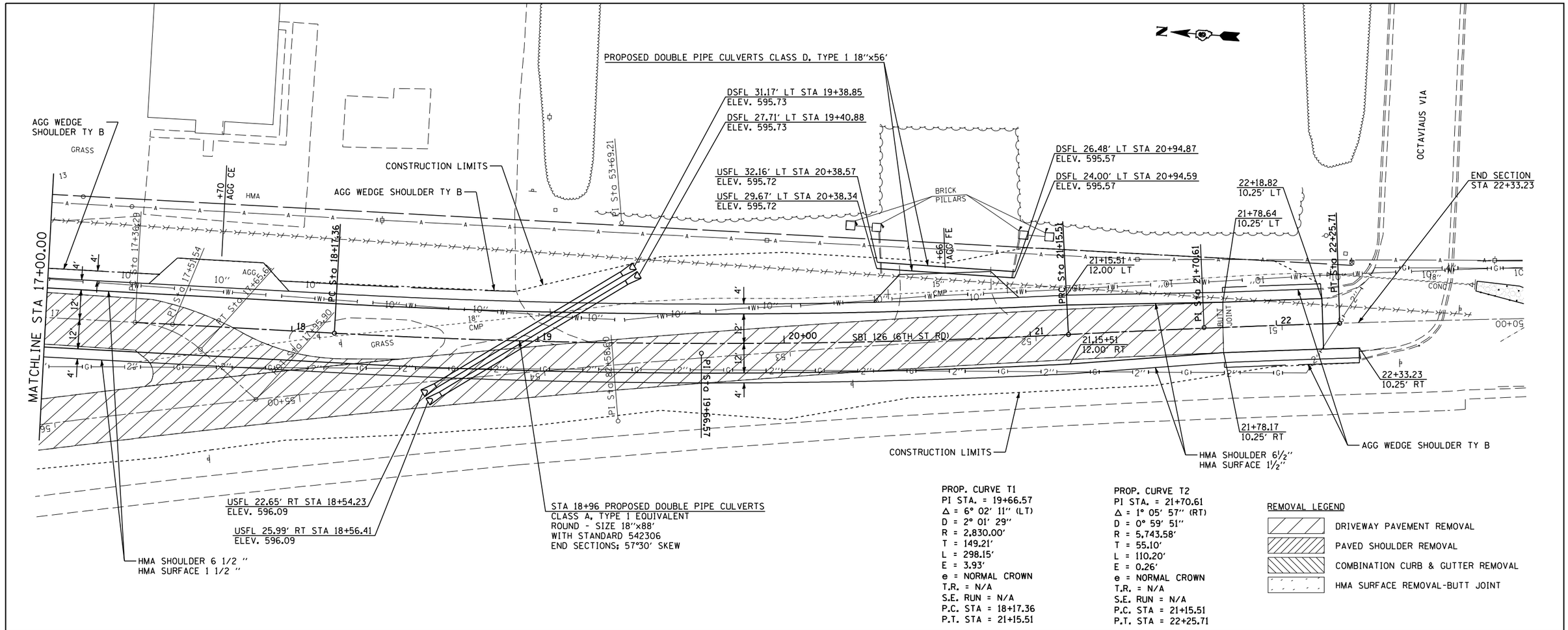
S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	30

CONTRACT NO. 72F74

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME — NOTE BOOK NO. ____ — BY — DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHK'D — NOTE BOOK NO. ____ — BY — DATE

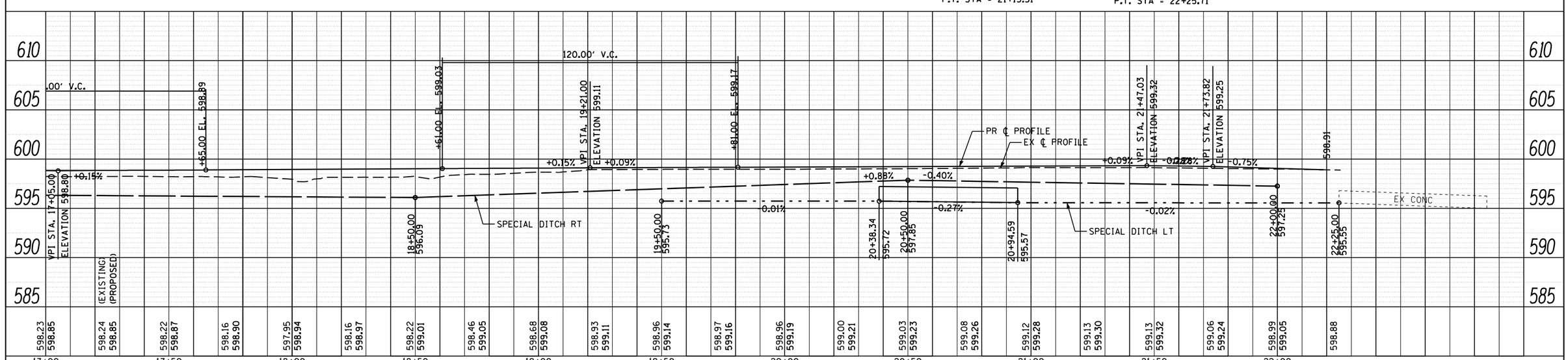


PROP. CURVE T1
PI STA. = 19+66.57
Δ = 6° 02' 11" (LT)
D = 2° 01' 29"
R = 2,830.00'
T = 149.21'
L = 298.15'
E = 3.93'
e = NORMAL CROWN
T.R. = N/A
S.E. RUN = N/A
P.C. STA = 18+17.36
P.T. STA = 21+15.51

PROP. CURVE T2
PI STA. = 21+70.61
Δ = 1° 05' 57" (RT)
D = 0° 59' 51"
R = 5,743.58'
T = 55.10'
L = 110.20'
E = 0.26'
e = NORMAL CROWN
T.R. = N/A
S.E. RUN = N/A
P.C. STA = 21+15.51
P.T. STA = 22+25.71

REMOVAL LEGEND

- DRIVEWAY PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- COMBINATION CURB & GUTTER REMOVAL
- HMA SURFACE REMOVAL-BUTT JOINT



PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
BM. NOTED		
STRUCTURE NOTATNS CHKD		
NOTE BOOK NO.		

CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-pln.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 40.0000 ' / IN.	CHECKED - NAK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -	

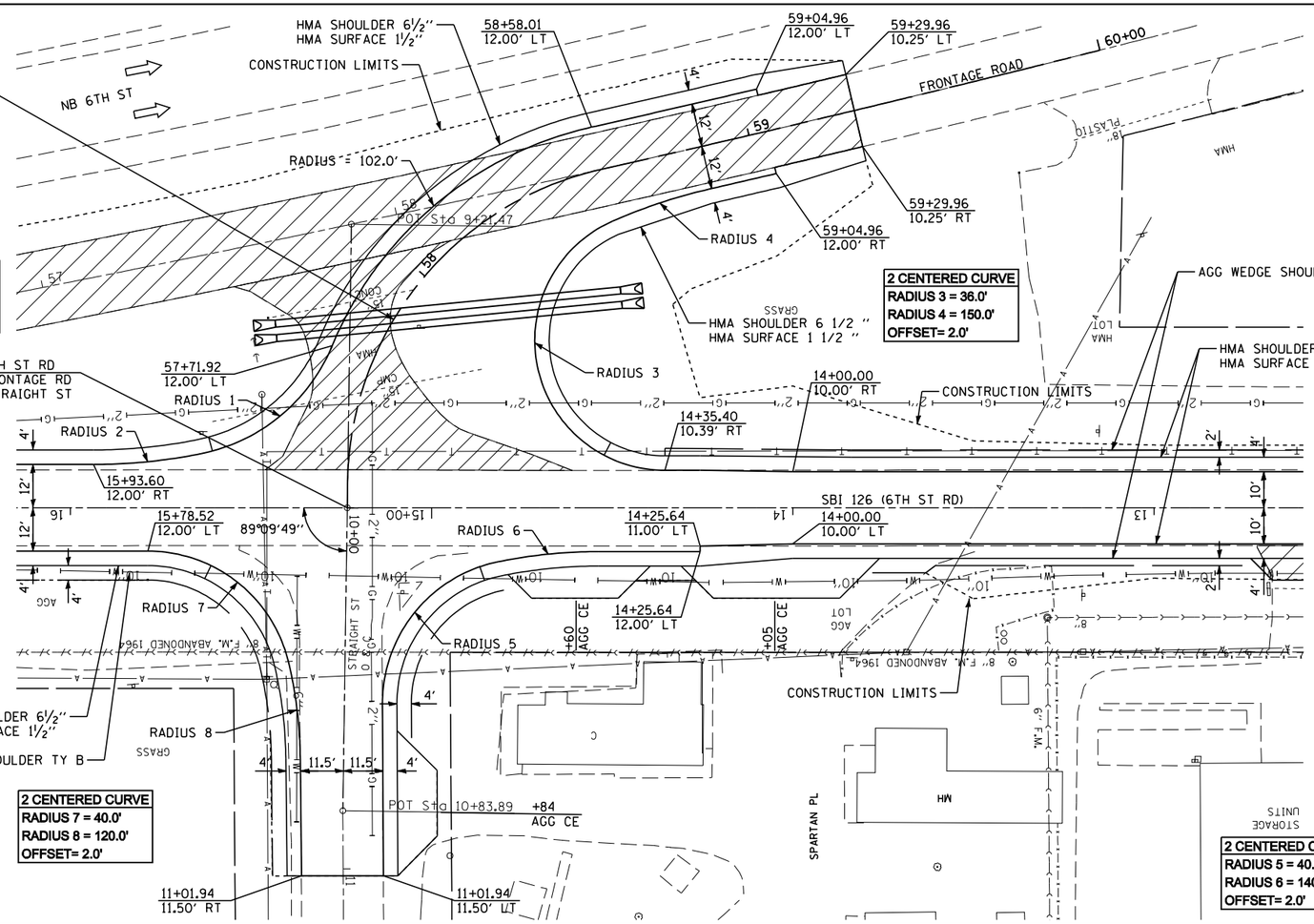
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE SHEET
SBI 126 (6TH STREET ROAD)

SCALE: | SHEET OF SHEETS | STA. 17+00 TO STA. 22+50

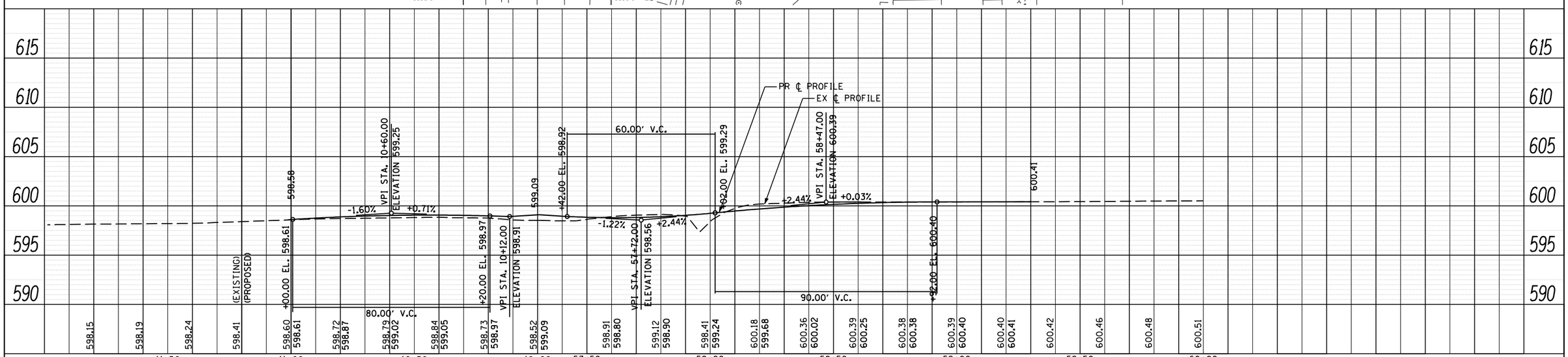
S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	31
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PROPOSED DOUBLE PIPE CULVERT CLASS A, TYPE 1
EQUIVALENT ROUND SIZE 18"x96'
WITH STANDARD 542306 END SECTIONS
USFL 56.78' RT STA 14+41.29 ELEV. 596.75
USFL 60.76' RT STA 14+41.67 ELEV. 596.75
DSFL 46.41' RT STA 15+48.86 ELEV. 596.40
DSFL 50.40' RT STA 15+49.24 ELEV. 596.40



REMOVAL LEGEND

- DRIVEWAY PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- COMBINATION CURB & GUTTER REMOVAL
- HMA SURFACE REMOVAL-BUTT JOINT



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	PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE SHEET
FRONTAGE ROAD / STRAIGHT ST

SCALE: | SHEET OF SHEETS | STA. 11+50 TO STA. 60+00

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	32

CONTRACT NO. 72F74

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME — NOTE BOOK NO. — BY — DATE

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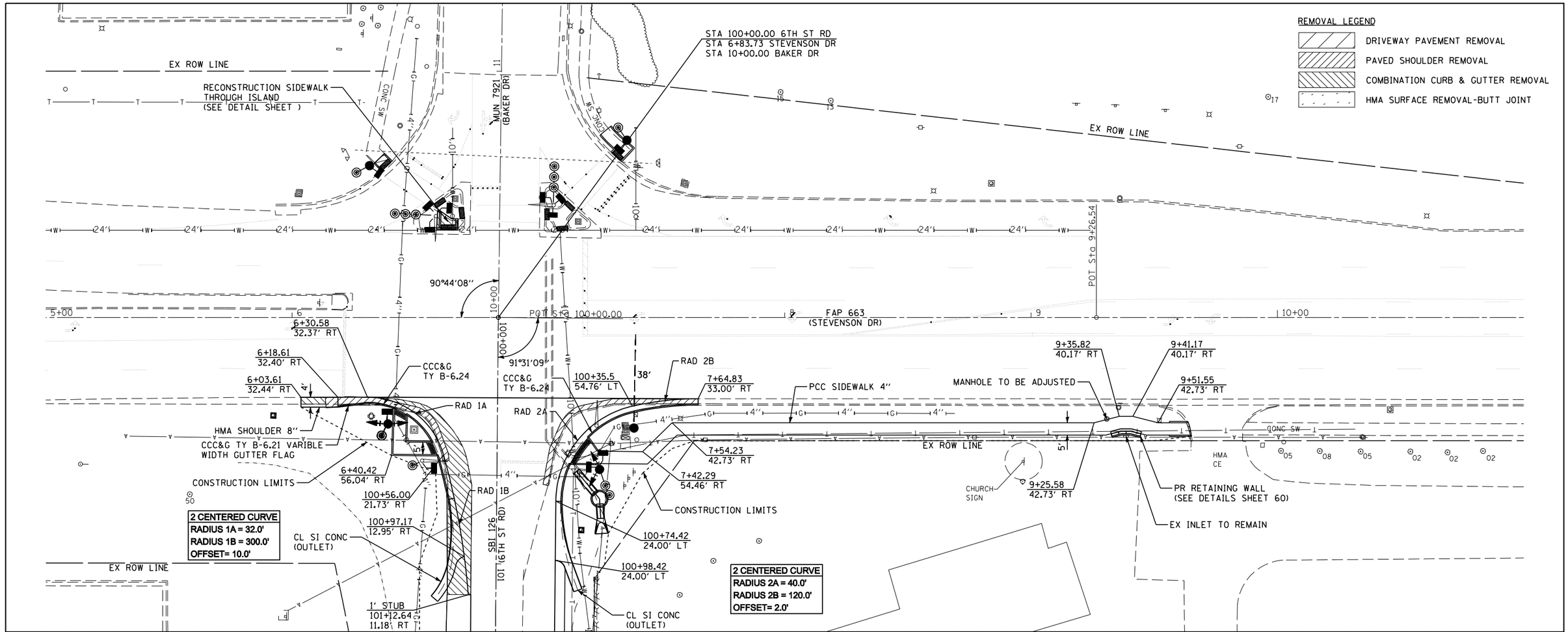

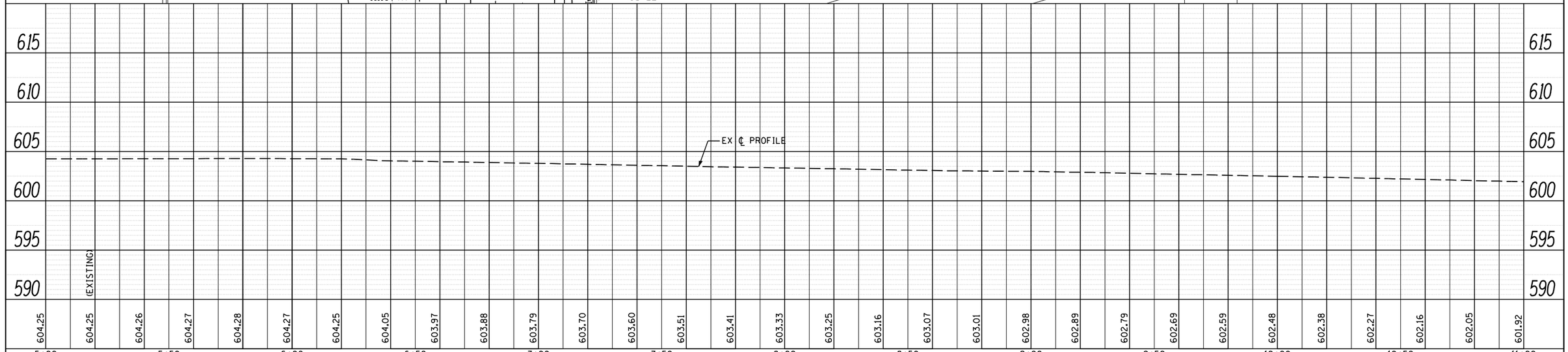

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME — NOTE BOOK NO. ____ — BY — DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / BLM. NOTED / STRUCTURE NOTATNS CHKD — NOTE BOOK NO. ____ — BY — DATE

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	PLOT SCALE = 40.0000 ' / IN.	CHECKED - NAK	REVISED -
	PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -

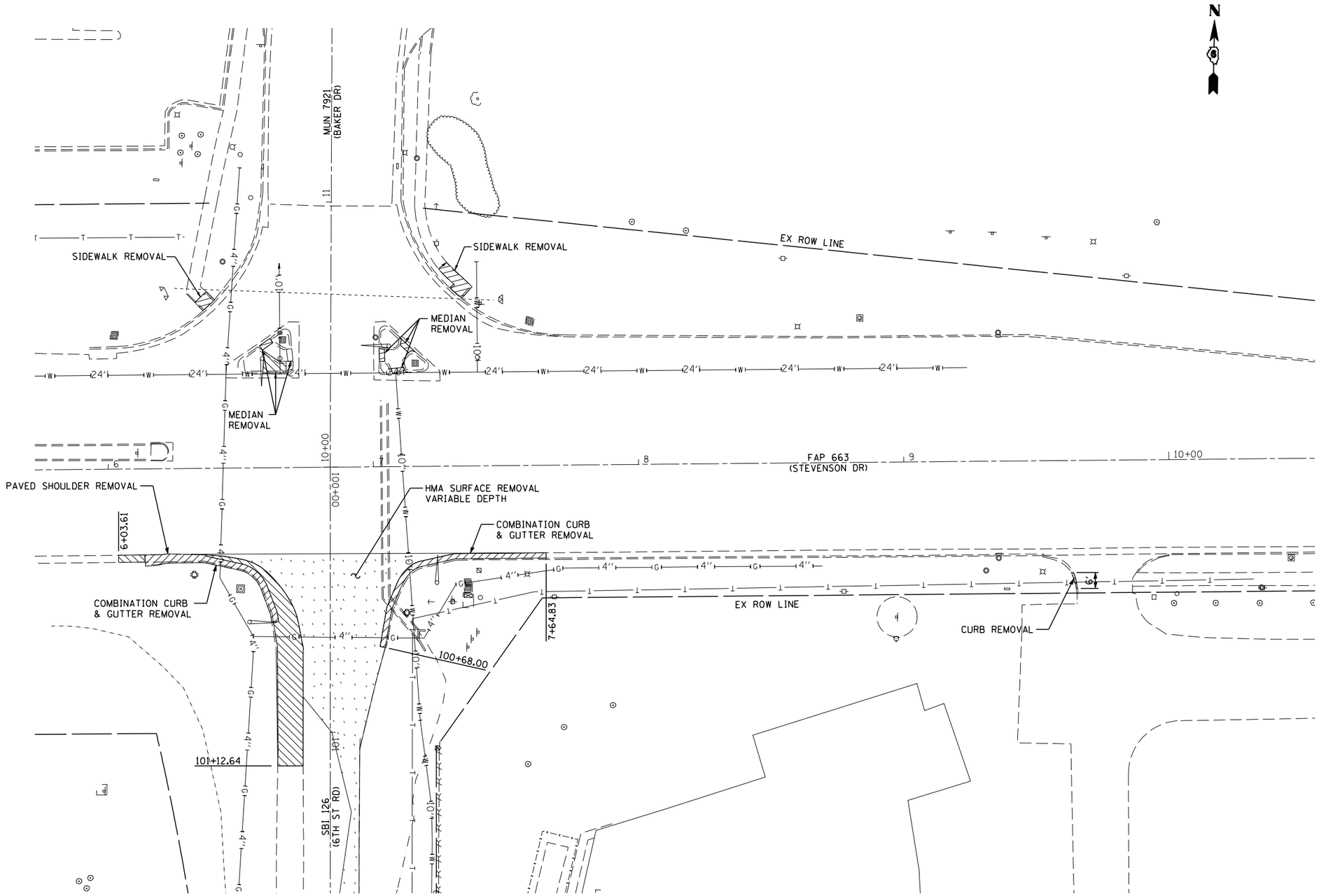
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE SHEET
STEVENSON DRIVE

SCALE: | SHEET OF SHEETS | STA. 5+00 TO STA. 11+00

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	33
		CONTRACT NO. 72F74		

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT



CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB = 2265.11	DESIGNED - NAK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL PLAN	S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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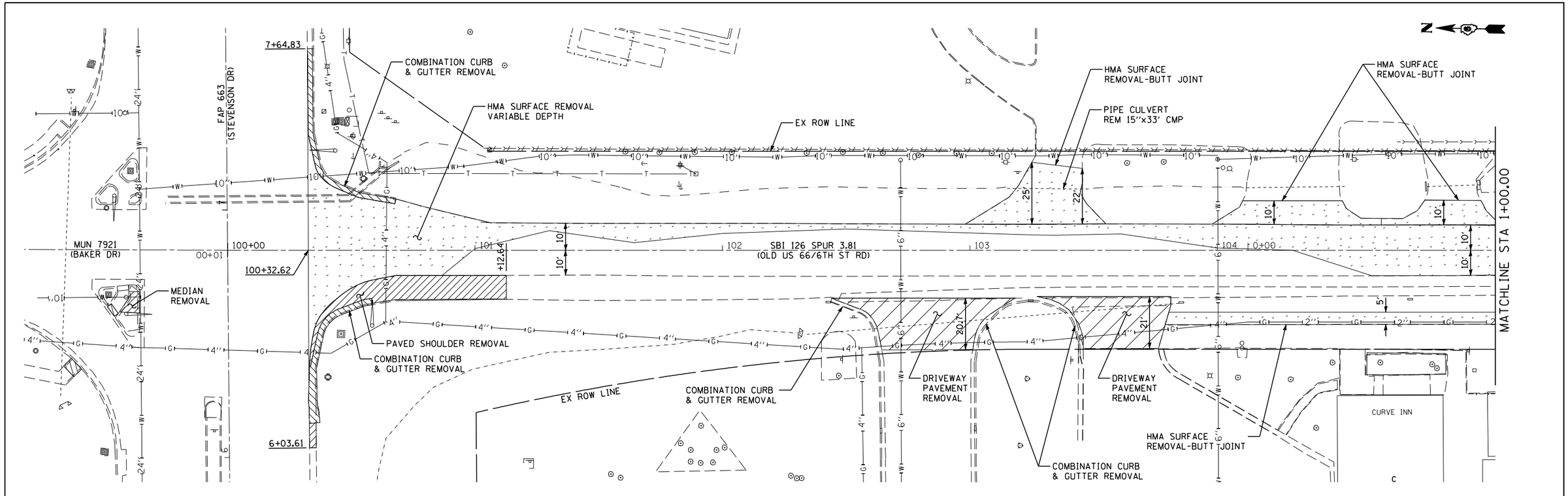
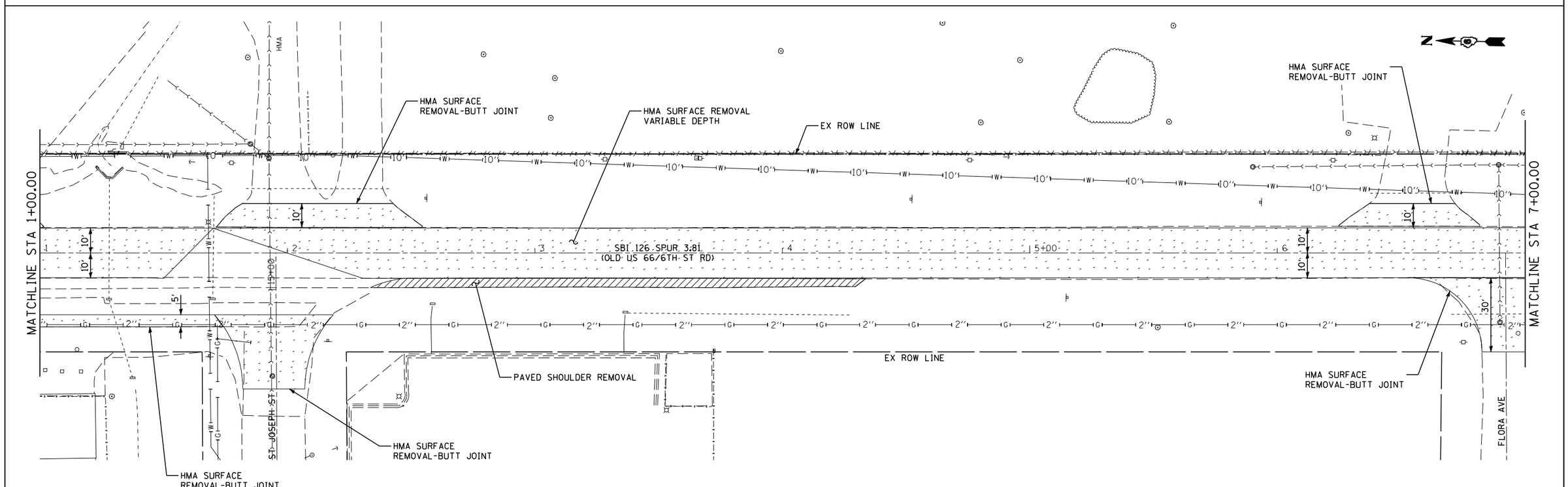
	PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





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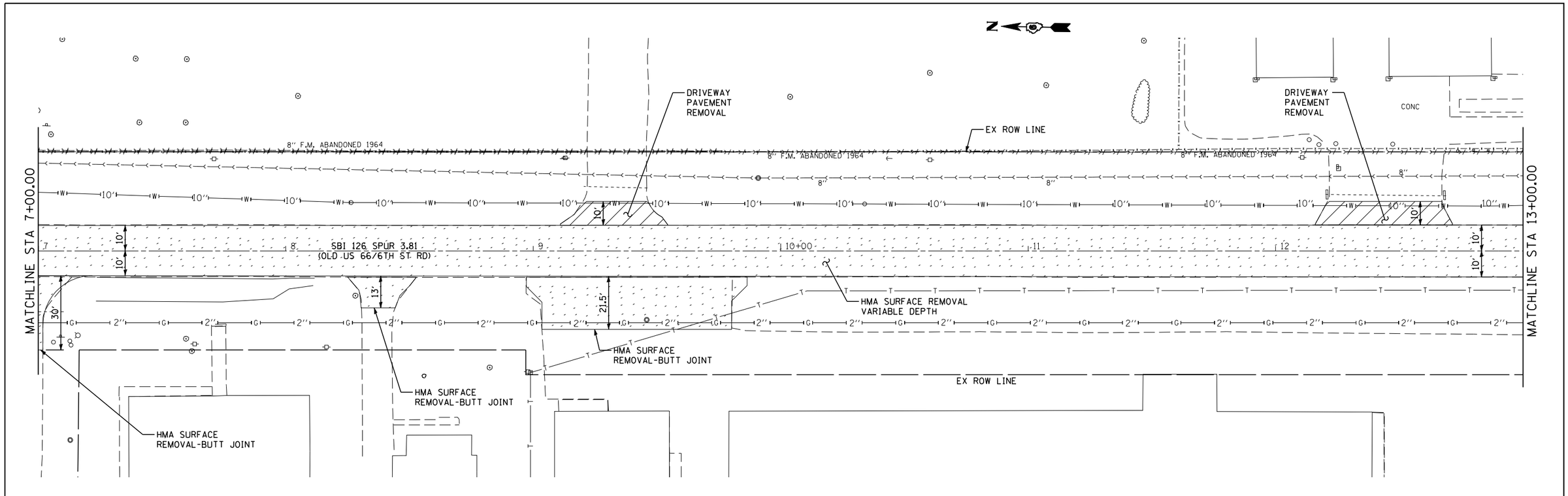
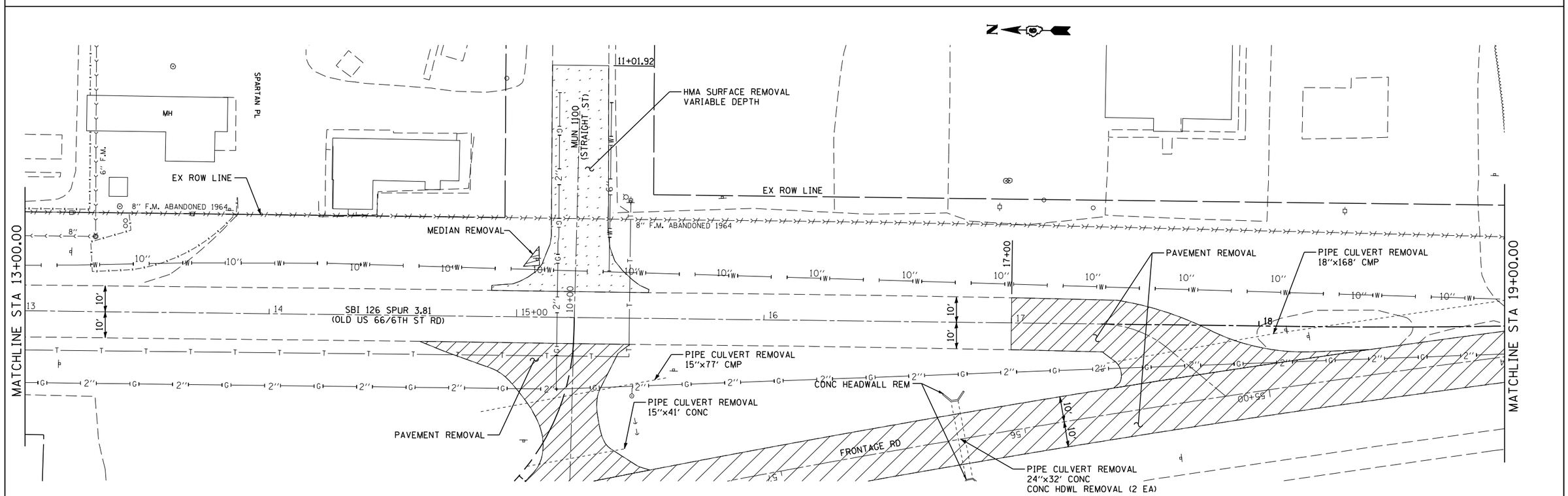
	PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	35
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





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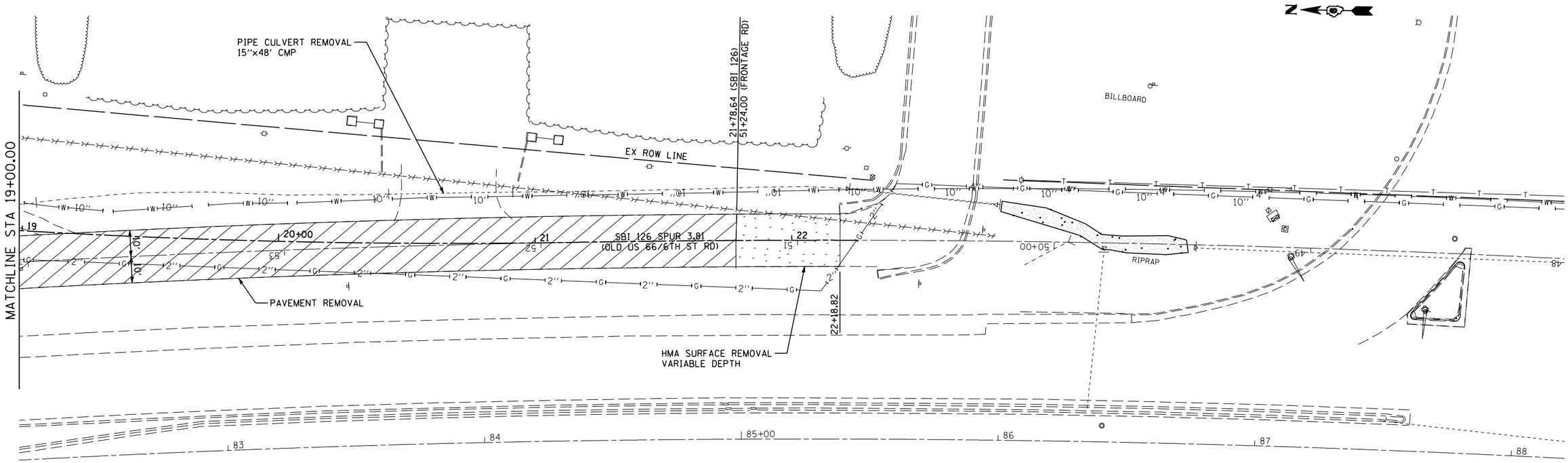
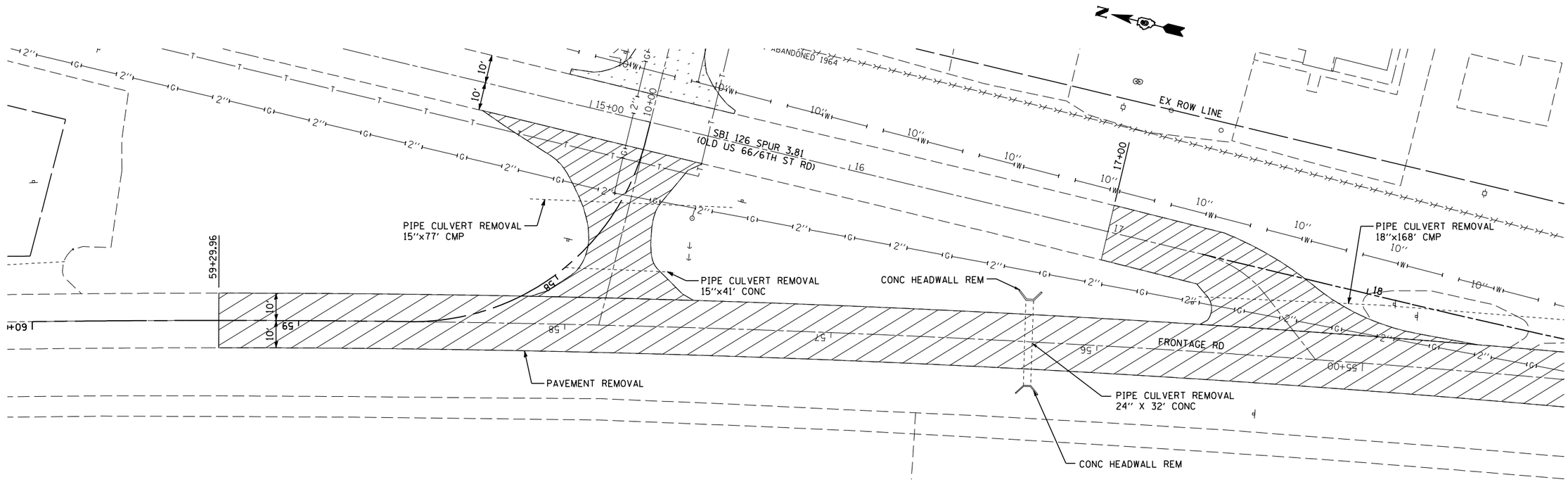
	PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	





CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB = 2265.11	DESIGNED - NAK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL PLAN	S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
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	PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

STORM WATER POLLUTION PREVENTION PLAN

	Route: SBI 126	Marked: 6TH ST RD
	Section: (110) I-2	Project No.:
	County: SANGAMON	Contract No.: 72F74
Starting Station: 100+00.00	(Longitude: 89° 38′ 41″ W	Latitude: 39° 45′ 27″ N)
Ending Station: 22+25.71	(Longitude: 89° 45′ 00″ W	Latitude: 39° 45′ 00″ N)

This plan has been prepared to comply with the provision of the NPDES Permit Number ILR10 _____ issued by the Illinois Environmental Protection Agency for storm water discharges from construction site activities.

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

_____ (Signature) _____ (Date)

_____ (Title)

Note: The above boxed in area will be filled out by IDOT - Construction after the award of the contract to obtain the required NPDES permit.

The following plan was established and included in these plans to direct the Contractor in the placement of temporary erosion control systems and to provide a storm water pollution prevention plan for compliance under NPDES. The Contractor shall abide to all requirements within this plan as part of the contract.

The purpose of this plan is to prevent / minimize siltation within the construction zone and to eliminate sediments from entering and leaving the construction zone by utilizing proper temporary erosion control systems and providing ground cover within a reasonable time.

Certain items, as shown in this plan and referenced by the legend, shall be placed by the Contractor at the beginning of construction. Other items shall be placed by the Contractor as directed by the Engineer on a case by case situation resulting from the Contractor's sequence of activities, time of the year, and expected weather conditions.

The Contractor shall place permanent erosion control systems and seeding within a reasonable amount of time; therefore, reducing the amount of area being open to the possibility of erosion and reducing the amount of temporary erosion control systems and temporary seeding. The Resident Engineer will determine if temporary erosion control systems shown in the plan can be deleted, the size of the proposed ditch checks, the proper method of installation, and if any additional temporary erosion control systems shall be added which are not included in this plan. The Contractor shall perform all work as directed by the Engineer and as shown in special details and in Standard 280001 of the plans.

All disturbed areas having high potential for erosion, as determined by the Engineer, shall be temporarily seeded or permanently seeded by October 1st of each construction year and shall not be reopened until after the winter shutdown period.

SITE DESCRIPTION

Description of Construction Activity:

1. Reconstruction Stevenson Dr intersection and frontage Rd intersection.
2. The proposed project consists of reconstructing 2 intersections, construction of sidewalk, HMA resurfacing, construction of HMA shoulder and traffic signal modernization.
3. Construction consists of grading, embankments, HMA pavement, HMA resurfacing and HMA shoulders.

Description of Intended Sequence of Major Construction Activities Which Will Disturb Earth and Lead to Possible Erosion for Major Portions of the Construction Site:

1. Reconstruct Setvenson Dr intersection.
2. Construct sidewalk and embankment along Steveson Dr.
3. Excavate new ditches along 6th St Rd.
4. Remove pavement at Frontage Rd Intersection.
5. Construct embankments and pipe culverts, excavate ditches, construct new frontage Rd, 6th St Rd and Straight St Rd pavement.

Area of Construction Site:
The total drainage area entering and including the construction site is estimated to be approx. 0.016 sq miles in which 1.00 acres will be disturbed by excavation, grading or other activities.

Other Reports, Studies and Plans which Aid in the Development of this Storm Water Pollution Prevention Plan as Referenced Documents:

1. Estimated run-off coefficients are contained in the project drainage study which were utilized for proposed placement of the temporary erosion control systems.
2. Information on the soils within the site was obtained from field reviews which were utilized for proposed placement of the temporary erosion control systems.
3. Site maps indicating drainage patterns and approximate slopes were contained in the project design report, USGS drainage maps, project drainage study, and project plan documents were all utilized for proposed placement of the temporary erosion control systems.

Drainage Tributaries Receiving Water from this Construction Site: Lake Springfield

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROLS

Description of Stabilization Practices at the Beginning of Construction:

1. The area between the existing and proposed right-of-way/temporary easement boundaries and limits of the project will be improved and managed for the purposes of controlling erosion within the area, reducing water flow by temporary diversion and minimizing siltation into the construction zone, and establishing vegetative cover which will become permanent vegetation and act as an erosion barrier. Work at the beginning of construction will consist of the following:

   (a) Areas of existing vegetation (woods and grasslands) outside the proposed construction slope limits shall be identified for preserving and shall be protected from mowing, brush cutting, tree removal and other activities which would be detrimental to their maintenance and development.

   (b) Dead, diseased, or unsuitable vegetation within the site shall be removed as directed by the Engineer, along with required tree removal.

   (c) As soon as reasonable access is available (such as trees cleared) to all locations where water drains away from the project, sediment basins, riprap ditch checks, temporary ditch checks, and/or erosion control fence shall be installed as called out in this plan and directed by the Engineer.

   (d) Bare and sparsely vegetated ground in highly erodable areas as determined by the Engineer shall be temporarily seeded at the beginning of construction where no construction activities are immediately expected as stated in the special provision "Temporary Erosion and Sediment Control".

   (e) Immediately after tree removal is completed in certain areas which are highly erodable areas as determined by the Engineer, the areas shall be temporarily seeded where no construction activities are immediately expected as stated in the special provision "Temporary Erosion and Sediment Control".

   (f) At locations where a significant amount of water drains into the construction zone from outside areas (adjacent landowners), erosion control fence, temporary ditch checks, or riprap ditch checks will be utilized to locally divert water, reduce flow rates, and collect outside siltation inside the right-of-way line. Erosion control items will not be allowed to be installed to cause flooding to upstream private property which could cause crop damages or other undesireable conditions.

2. Establishment of these temporary erosion control measures will have additional benefits to the project. Desirable grass seed will become established in these areas and will spread seeds onto the construction site until permanent seeding/mowing and overseeding can be complete.

3. A third benefit of these filter areas is that they will begin to provide a screen and buffer. They will help protect the construction site from winds and excess sun and mitigate construction noise and dust.

Description of Stabilization Practices During Construction:

1. During roadway construction, areas outside the construction slope limits as outlined previous herein shall be protected from damaging effects of construction. The Contractor shall not use this area for staging (except as designated on the plans or directed by the Engineer), parking of vehicles or construction equipment, storage of materials, or other construction related activities.
   (a) Within the construction zone, critical areas which have high flows of water as determined by the Engineer shall remain undisturbed until full scale construction is underway to prevent unnecessary soil erosion.
   (b) Top soil and earth stockpiles shall be temporarily seeded if they are to remain unused for more than fourteen days.
   (c) As the Contractor constructs a portion of roadway in a fill section, he/she shall follow the following steps as directed by the Engineer:

   i. Place temporary erosion control systems at locations where water leaves and enters the construction zone
   ii. Temporary seed highly erodable areas outside the construction slope limits
   iii. Construct roadside ditches and provide temporary erosion control systems
   iv. Temporary divert water around proposed culvert locations
   v. Build necessary embankment at culvert locations and then excavate and place culvert
   vi. Continue building up the embankment to the proposed grade while at the same time place permanent erosion control such as riprap ditch lining and conduct final shaping to the slopes

   (d) The Contractor shall immediately follow major earth moving operations with final grading equipment. After the major earth spread operation has moved to a new location, final grading shall be completed within fourteen days. If grading is not completed within fourteen days, all major earth moving operations will be stopped, as directed by the Engineer, until disturbed areas are final graded and seeded.

   (e) Excavated areas and embankments shall be permanently seeded when final graded. If not, they shall be temporarily seeded as stated in the special provision "Temporary Erosion and Sediment Control".

   (f) Construction equipment shall be stored and fueled only at designated locations. All necessary measures shall be taken to contain any fuel or pollution run-off in compliance with EPA water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.

   (g) Qualified Personnel shall inspect the project at least every seven days and within 24 hours of the end of a storm that is 0.5 inch or greater as noted in BDE 2342.

   (h) Sediment collected during construction by the various temporary erosion control systems shall be disposed of on the site on a regular basis as directed by the Engineer.

   (i) The temporary erosion control systems shall be removed as directed by the Engineer after use is no longer needed or no longer functioning. The costs of this removal shall be included in the unit bid price for the various temporary erosion control pay items. No additional compensation will be allowed.

Description of Structural Practices After Final Grading:

1. Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all proposed turf areas seeded and established with a proper stand.

2. Once permanent erosion control systems as proposed in the plans are functional and established, temporary items shall be removed, cleaned up, and disturbed turf reseeded. Temporary riprap ditch checks will be allowed to remain in place where approved by the Engineer.

Maintenance after Construction:

1. Construction is complete after acceptance is received at the final inspection.

2. Areas will be inspected on a regular basis by IDOT District 6 Bureau of Operations.

3. Maintenance crews will perform regular mowings to aid in keeping weeds down and establishing a good roadside seed stand.

4. Maintenance crews will also aid in any ditch lining maintenance or in any drainage problems.

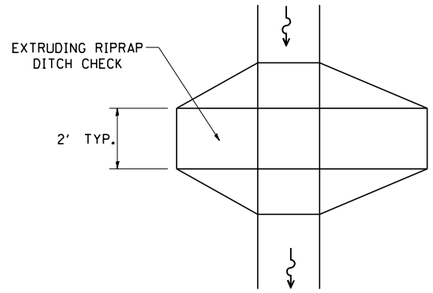
5. All maintenance will be conducted at times when weather conditions will not cause site damage.

DOCUMENTATION

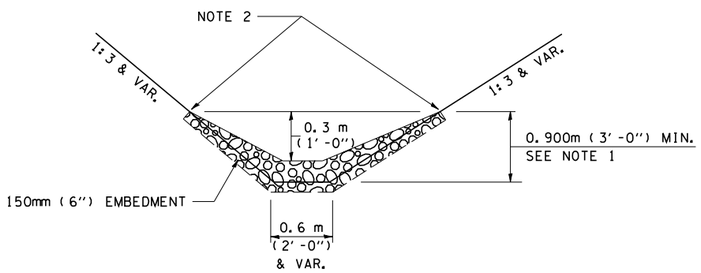
1. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, date(s) of the inspection, major observations relating to the implementation of this storm water pollution prevention plan, and actions taken in accordance with Section 4.b. shall be made and retained as part of the plan for at least three years after the date of inspection. The report shall be signed in accordance with part VI.G of the general permit.

2. If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer or Resident Technician shall complete and file an "Incident of Noncompliance (ION)" report for the identified violation. The Resident Engineer or Resident Technician shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of noncompliance shall be signed by a responsible authority in accordance with Part VI.G. of the general permit. The report of noncompliance shall be mailed to the following address:

   Illinois Environmental Protection Agency
   Division of Water Pollution Control
   2200 Churchill Road, P.O. Box 19276
   Springfield, IL 62794-9276
   Attn: Compliance Assurance Section



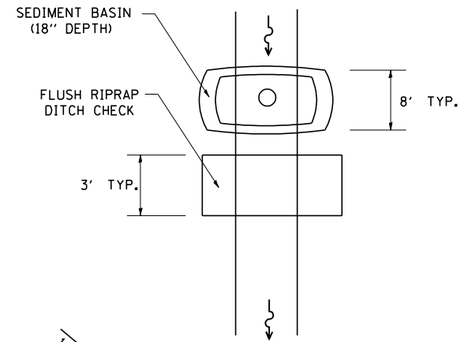
PLAN



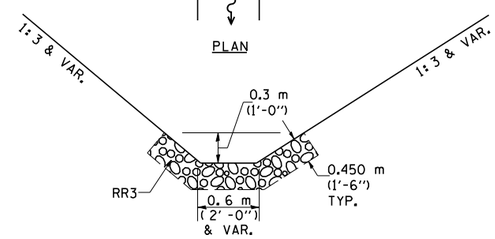
ELEVATION

OPTION 1

(EXTRUDING DITCH CHECK)
RECOMMENDED FOR AREAS
W/ RIPRAP DITCH LINING



PLAN



ELEVATION

OPTION 2

(FLUSH DITCH CHECK)
RECOMMENDED FOR AREAS
W/O RIPRAP DITCH LINING

STONE DUMPED RIPRAP DITCH CHECK

OPTIONS 1 & 2 OR
AS DIRECTED BY THE ENGINEER

NOTE 1: RIPRAP SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 0.3m (1') OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE RIPRAP.

NOTE 2: ENDS SHALL BE TIED INTO SLOPES.

LEGEND FOR STORM WATER POLLUTION PREVENTION PLAN

ITEM	SYMBOL
AGGREGATE DITCH CHECKS	
INLET PIPE PROTECTION	
PERIMETER EROSION BARRIER	
SEDIMENT BASINS	
EARTH EXCAVATION FOR EROSION CONTROL	
AGGREGATE (EROSION CONTROL)	
PRESERVE EXISTING TREES, WOODLANDS, AND UNDERSTORY (OUTSIDE CONSTRUCTION LIMITS)	
ITEM PLACED AT BEGINNING OF CONSTRUCTION (Requirement)	* ITEM *
ITEM PLACED AS DIRECTED BY ENGINEER (When required by situation)	ITEM
DIRECTION OF OVERLAND FLOW	
HEAVY DUTY EROSION CONTROL BLANKET	

GENERAL NOTES:
All items shall be constructed as shown on this sheet, on Standard 280001, and as directed by the Engineer.

CONTRACTOR CERTIFICATION STATEMENT

This certification statement is part of the Storm Water Pollution Plan for the project described below in accordance with NPDES Permit No. ILR10 _____, issued by the Illinois Environmental Protection Agency on _____.

Route: SBI 126 Marked: 6th St Rd

Section: (110) I-2 Project No.: _____

County: SANGAMON Contract No.: 72F74

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

In addition, I have read and understand all of the information and requirements stated in the SWPPP for the above mentioned project; I have received copies of all appropriate maintenance procedures; and, I have provided all documentation required to be in compliance with the Permit ILR10 and SWPPP and will provide timely updates to these documents as necessary.

Signature _____ Date _____

Title _____

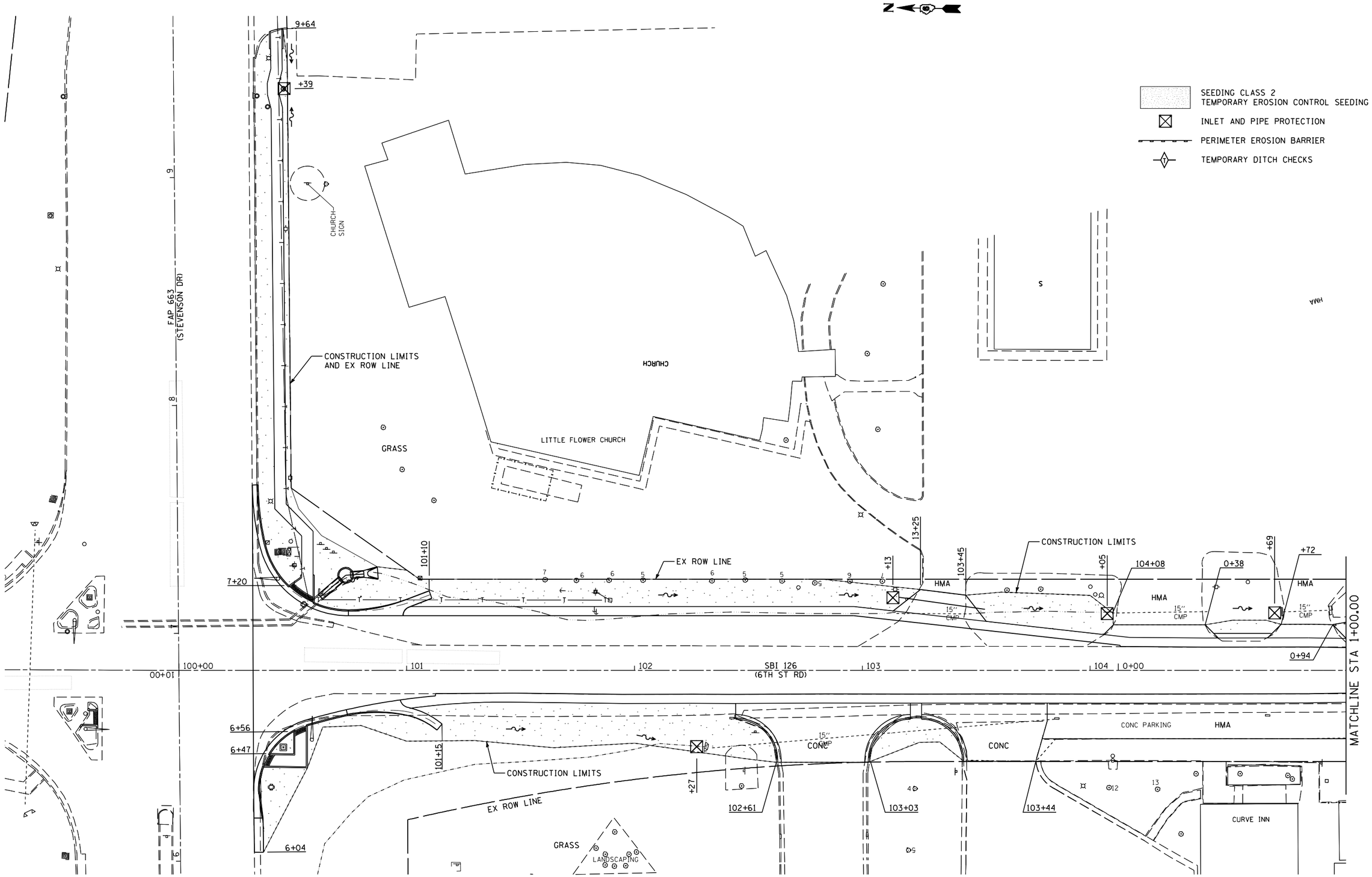
Name of Firm _____ ☐ Contractor

Street Address _____ ☐ Subcontractor

City, State, Zip _____

Phone Number _____

Note: The above boxed in area shall be filled out by the Contractor after the award of the contract to obtain the required NPDES Permit from IEPA. This is a requirement for this contract.



CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB = 2265.11	DESIGNED - NAK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN	S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
	FILE NAME = D672F74-sht-erosion.dgn	DRAWN - SJS	REVISED -			126	(110) I-2	SANGAMON	93 / 42
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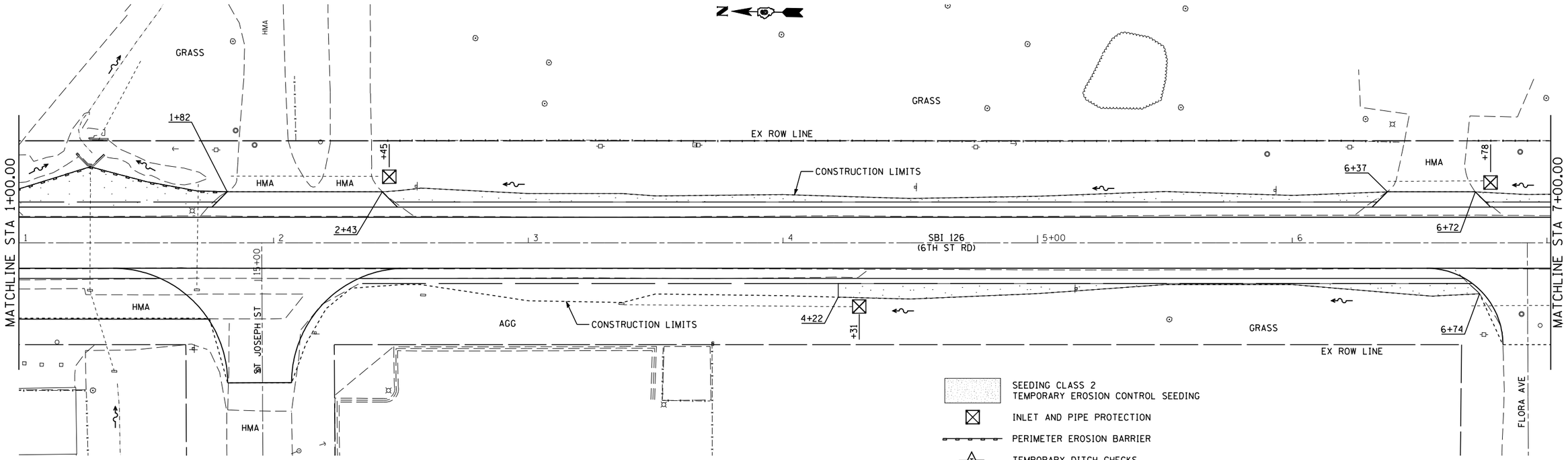
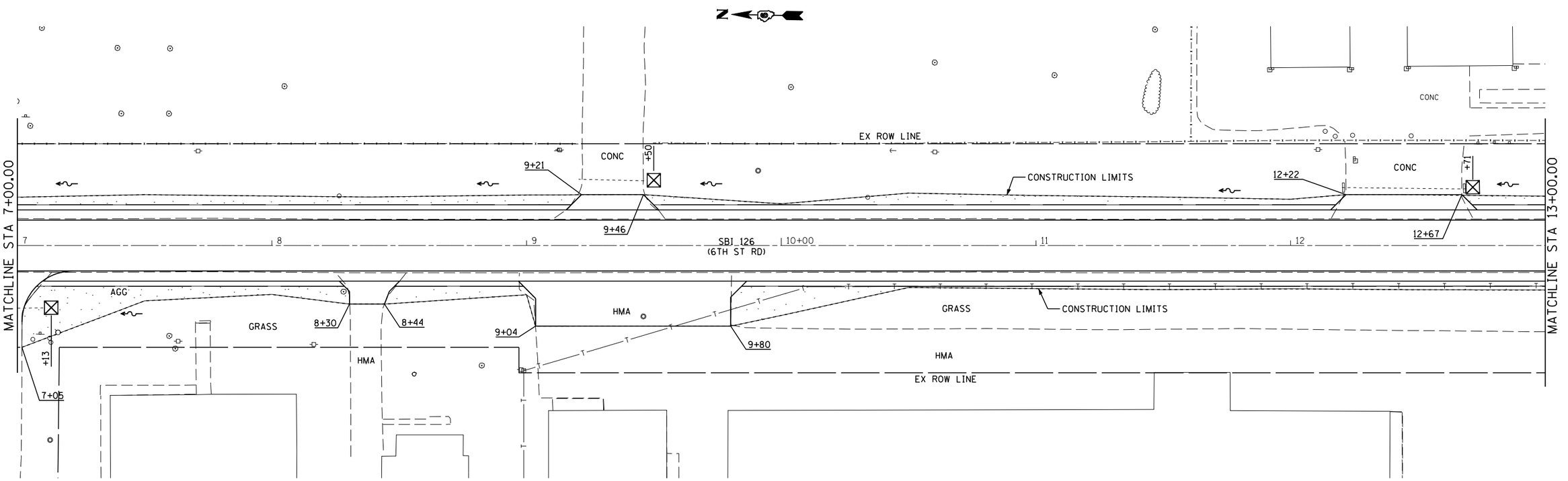
	PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -		SCALE: / SHEET NO. OF SHEETS / STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	





CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB = 2265.11	DESIGNED - NAK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN	S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
	FILE NAME = D672F74-sht-erosion.dgn	DRAWN - SJS	REVISED -			126	(110) I-2	SANGAMON	93 / 43
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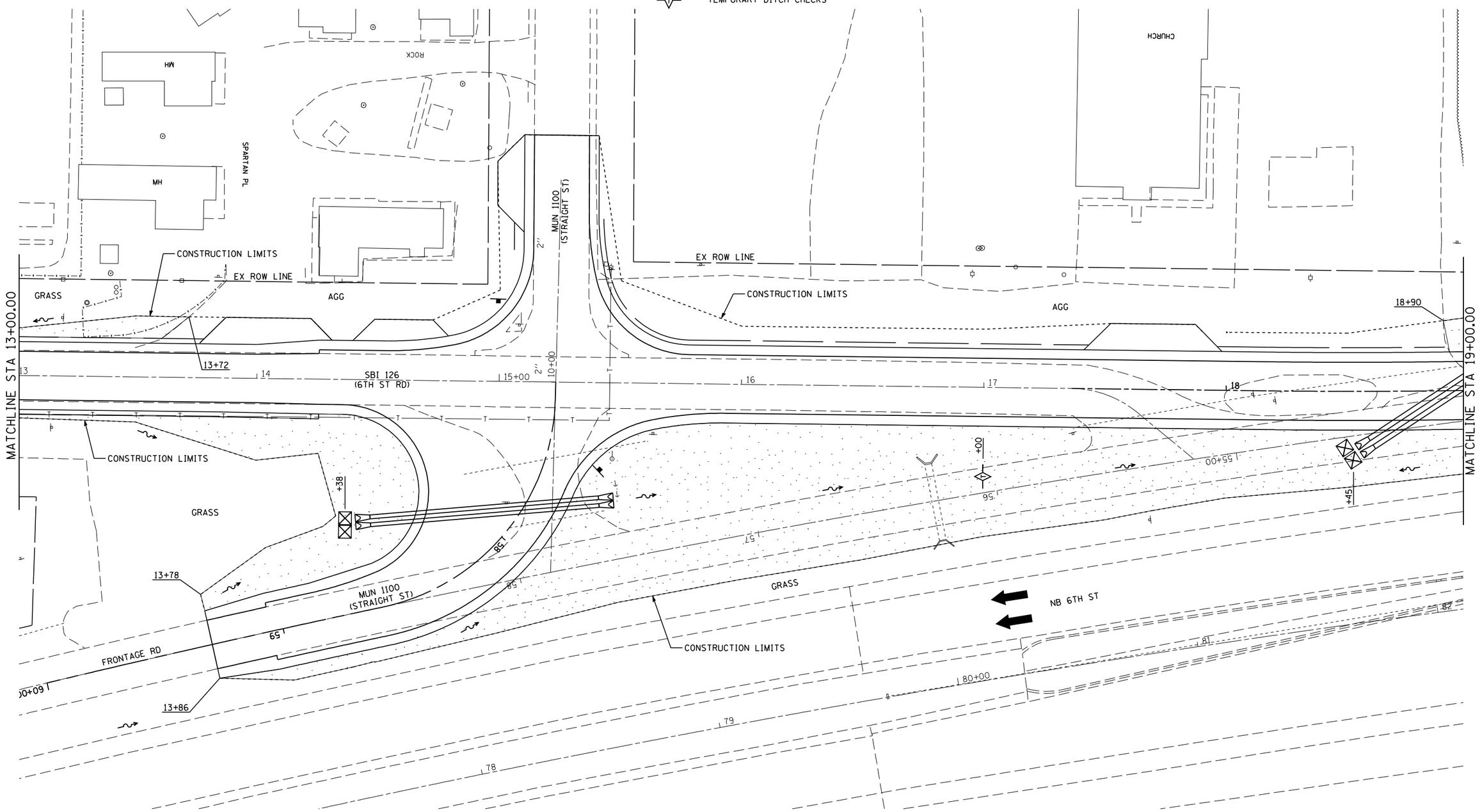
	PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -			FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

SEEDING CLASS 2
TEMPORARY EROSION CONTROL SEEDING

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER

TEMPORARY DITCH CHECKS



CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB = 2265.11	DESIGNED - NAK	REVISED -
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	PLOT SCALE = 40.0000 ' / IN.	CHECKED - NAK	REVISED -
	PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLAN

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

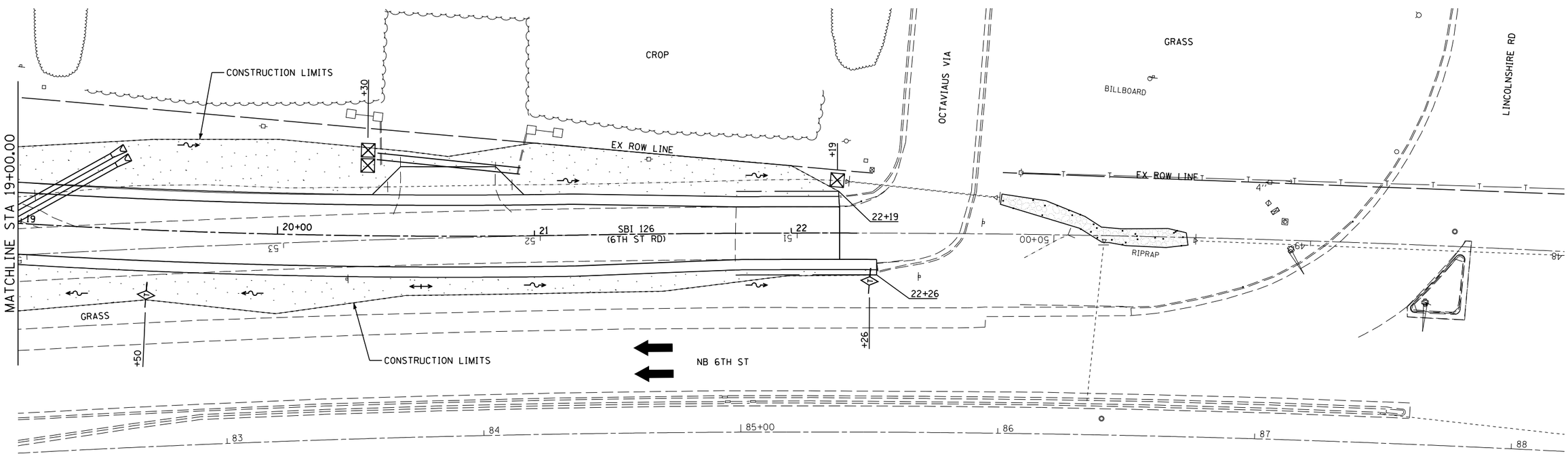
S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	44
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEEDING CLASS 2
TEMPORARY EROSION CONTROL SEEDING

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER

TEMPORARY DITCH CHECKS



CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB = 2265.11	DESIGNED - NAK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN
	FILE NAME = D672F74-sht-erosion.dgn	DRAWN - SJS	REVISED -		
	PLOT SCALE = 40.0000 ' / IN.	CHECKED - NAK	REVISED -		
	PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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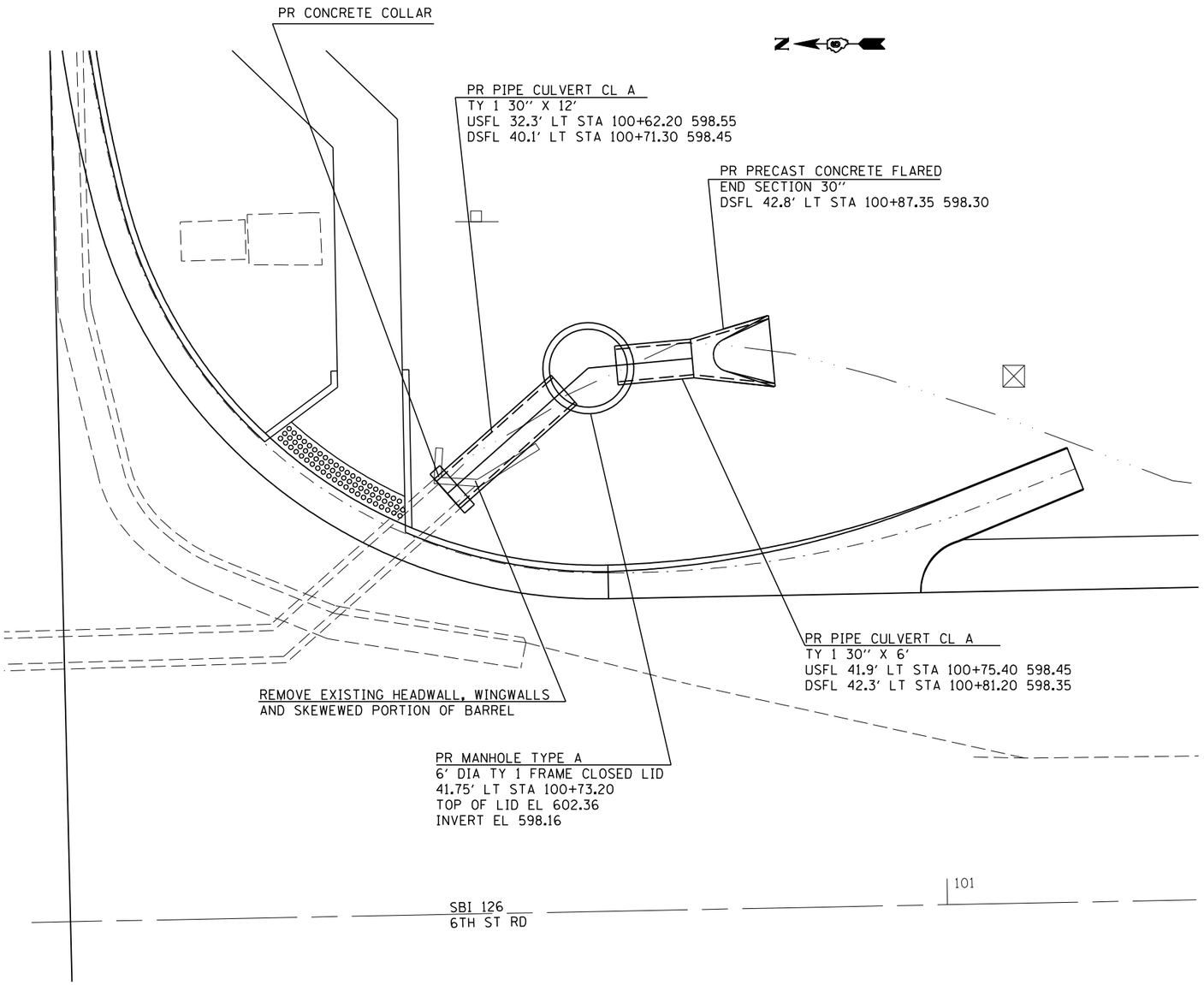
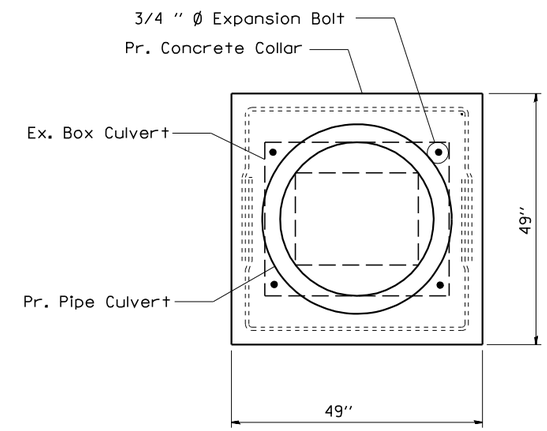
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



THE PROPOSED 30" PIPE CULVERT SHALL BE CONSTRUCTED 6" BELOW THE EXISTING BOX CULVERT FLOWLINE. THE CONTRACTOR SHALL VERIFY EXISTING ELEVATIONS AND ADJUST PROPOSED PIPE CULVERT AND MANHOLE ELEVATIONS AS NEEDED.



EXPANSION BOLT LAYOUT

CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB = 2265.11	DESIGNED - NAK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BOX CULVERT EXTENSION	S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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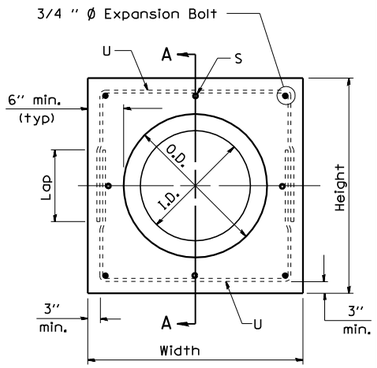
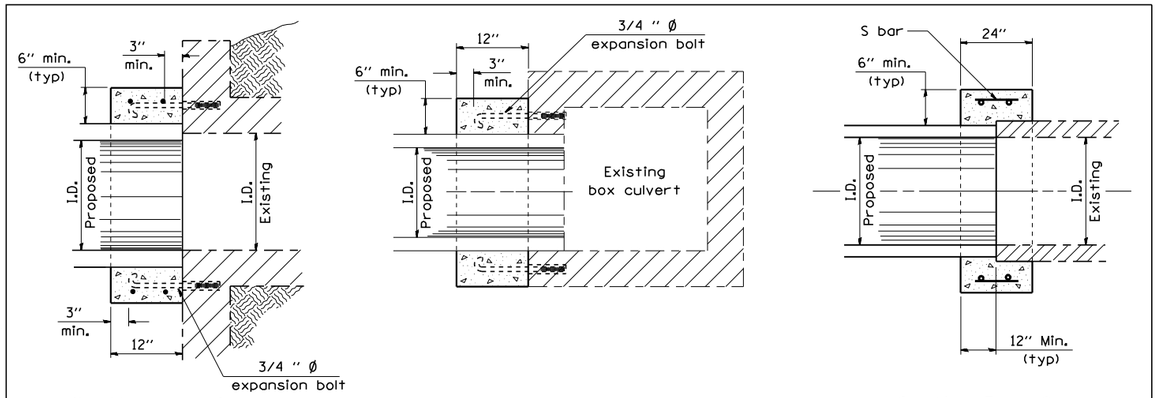
	PLOT DATE = 2/4/2013	DATE - 11/1/2012	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PIPE CULVERT EXTENSION COLLAR

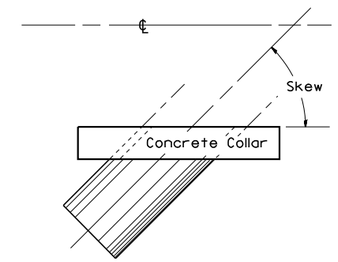


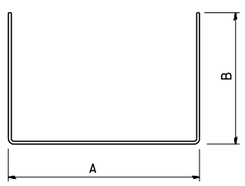
Section Type A
(Box end extension)

Section Type B
(Pipe in side extension)

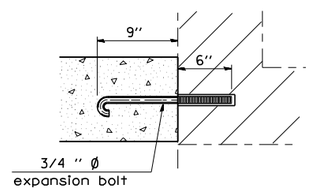
Section Type C
(Pipe end to pipe end extension
No expansion bolts required)

Section A - A





#4 U - bar



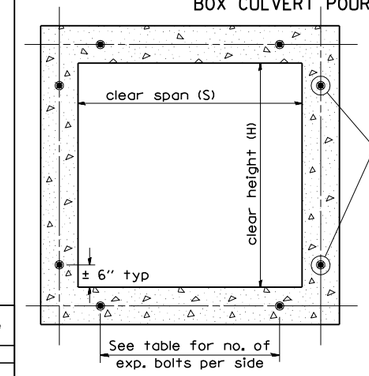
Expansion Bolt Detail

Notes:

1. Expansion bolts shall consist of self drilling expansion shields and ¾" Ø hooked bolts. Hooked bolts shall extend a minimum of 9" into new concrete. Minimum Certified Proof Load - 4,080 lbs.

2. Use minimum of 1 (one) expansion bolt at each corner.

BOX CULVERT POURED IN PLACE EXTENSION



Section Thru Barrel

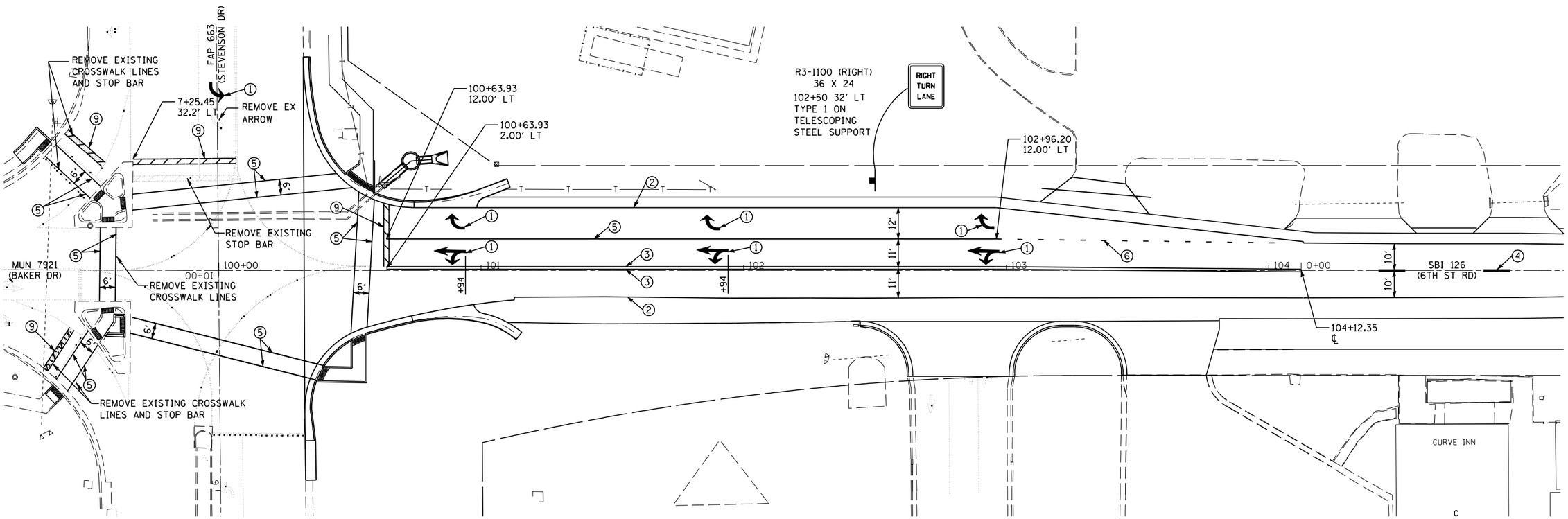
EXPANSION BOLTS REQUIRED
FOR CULVERT EXTENSIONS

H or S	No. Expansion Bolts Req'd. Per Side			
	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									lb	Expansion Bolts 3/4 "	Class SI Concrete Collar
								S bar			U bar								
			Size	I.D.	O.D.	Height	Width	No.	Size	Length	No.	Size	A	B	Lap	Length		Each	yd³
100+62	A	0°	2'X1.5'	30"	37"	49"	49"	4	5	18"	4	5	43"	30"	17"	8'-7"	40	4	0.4
																Total			



LEGEND

1. THERMOPLASTIC PAVEMENT MARKING-LETTERS AND SYMBOLS
2. THERMOPLASTIC PAVEMENT MARKING-LINE 5" (SOLID WHITE)
3. THERMOPLASTIC PAVEMENT MARKING-LINE 5" (SOLID YELLOW)
4. THERMOPLASTIC PAVEMENT MARKING-LINE 5" (YELLOW SKIP DASH)
5. THERMOPLASTIC PAVEMENT MARKING-LINE 6" (SOLID WHITE)
6. THERMOPLASTIC PAVEMENT MARKING-LINE 6" (2' DASH 6' SKIP)
7. THERMOPLASTIC PAVEMENT MARKING-LINE 8" (SOLID WHITE)
8. THERMOPLASTIC PAVEMENT MARKING-LINE 12" (SOLID WHITE)
9. THERMOPLASTIC PAVEMENT MARKING-LINE 24" (SOLID WHITE)

CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB = 2265.11	DESIGNED - NAK	REVISED -
	FILE NAME = D672F74-sht-pvt.mk.dgn	DRAWN - SJS	REVISED -
	PLOT SCALE = 40.0000 '/ IN.	CHECKED - NAK	REVISED -
	PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

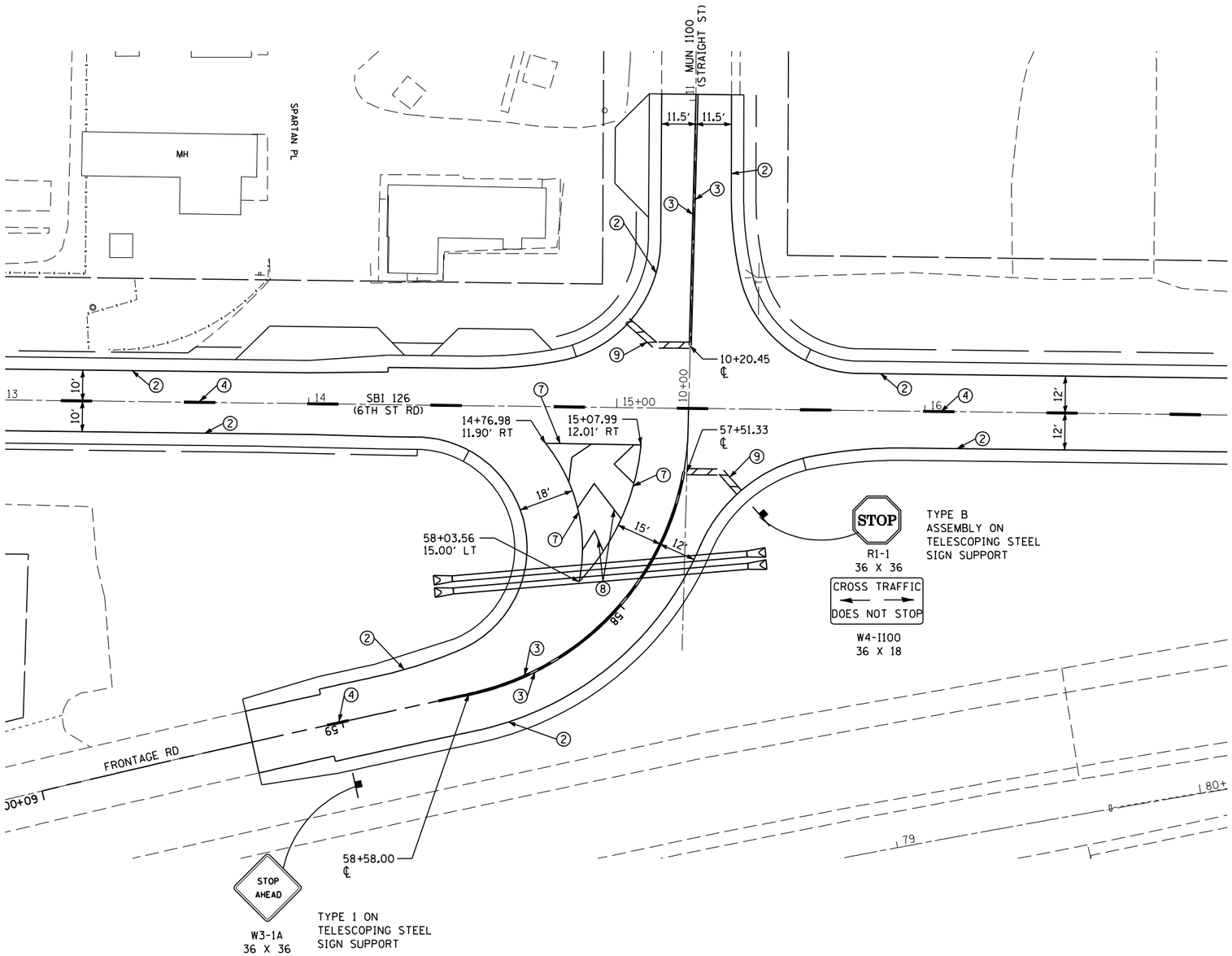
PAVEMENT MARKING PLAN

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

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	48

CONTRACT NO. 72F74

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT



LEGEND

1. THERMOPLASTIC PAVEMENT MARKING-LETTERS AND SYMBOLS
2. THERMOPLASTIC PAVEMENT MARKING-LINE 5" (SOLID WHITE)
3. THERMOPLASTIC PAVEMENT MARKING-LINE 5" (SOLID YELLOW)
4. THERMOPLASTIC PAVEMENT MARKING-LINE 5" (YELLOW SKIP DASH)
5. THERMOPLASTIC PAVEMENT MARKING-LINE 6" (SOLID WHITE)
6. THERMOPLASTIC PAVEMENT MARKING-LINE 6" (2' DASH 6' SKIP)
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8. THERMOPLASTIC PAVEMENT MARKING-LINE 12" (SOLID WHITE)
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CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB = 2265.11	DESIGNED - NAK	REVISED -
	FILE NAME = D672F74-sht-pvt.mk.dgn	DRAWN - SJS	REVISED -
	PLOT SCALE = 40.0000 ' / IN.	CHECKED - NAK	REVISED -
	PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -

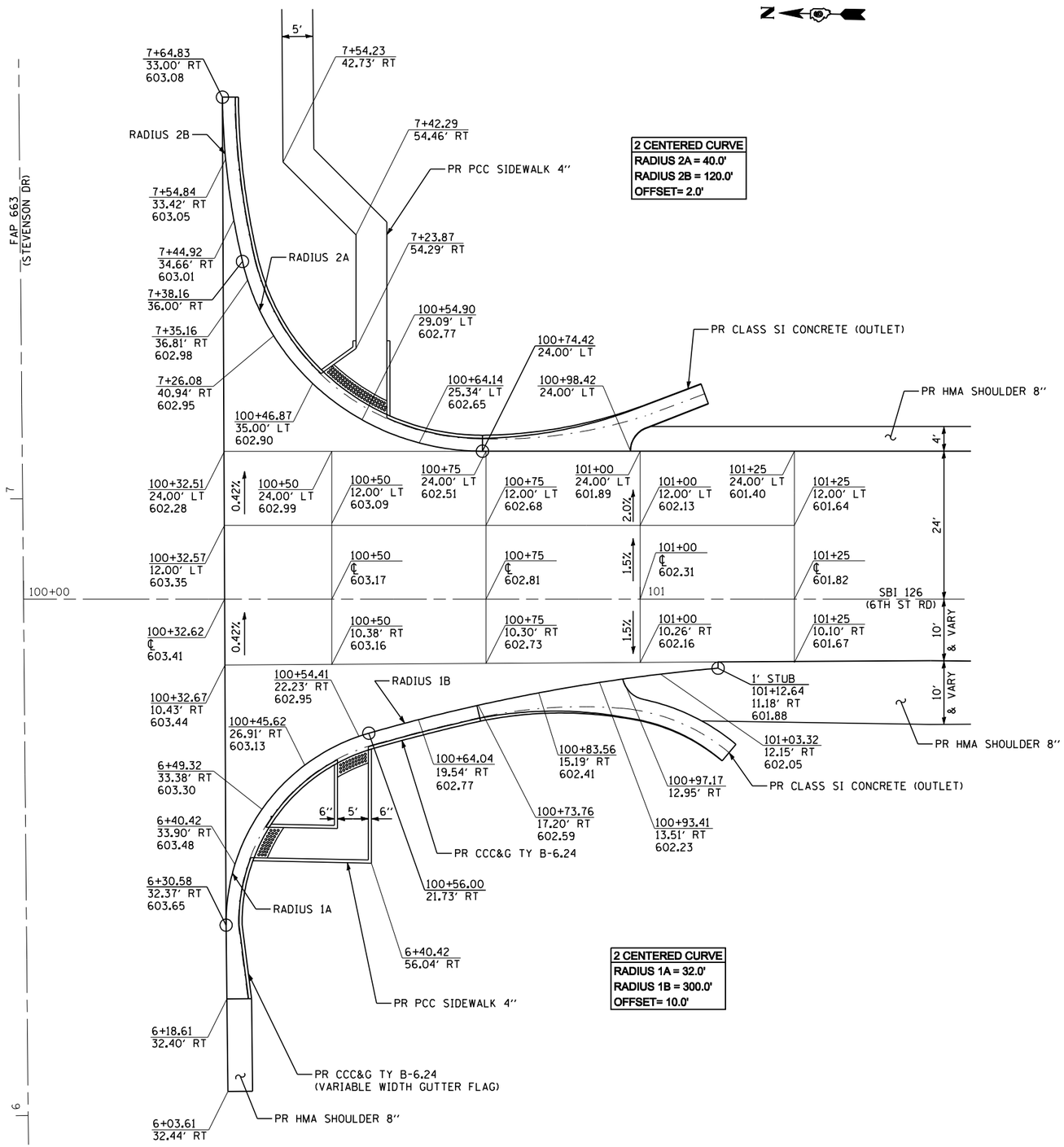
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

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

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	49
		CONTRACT NO. 72F74		

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

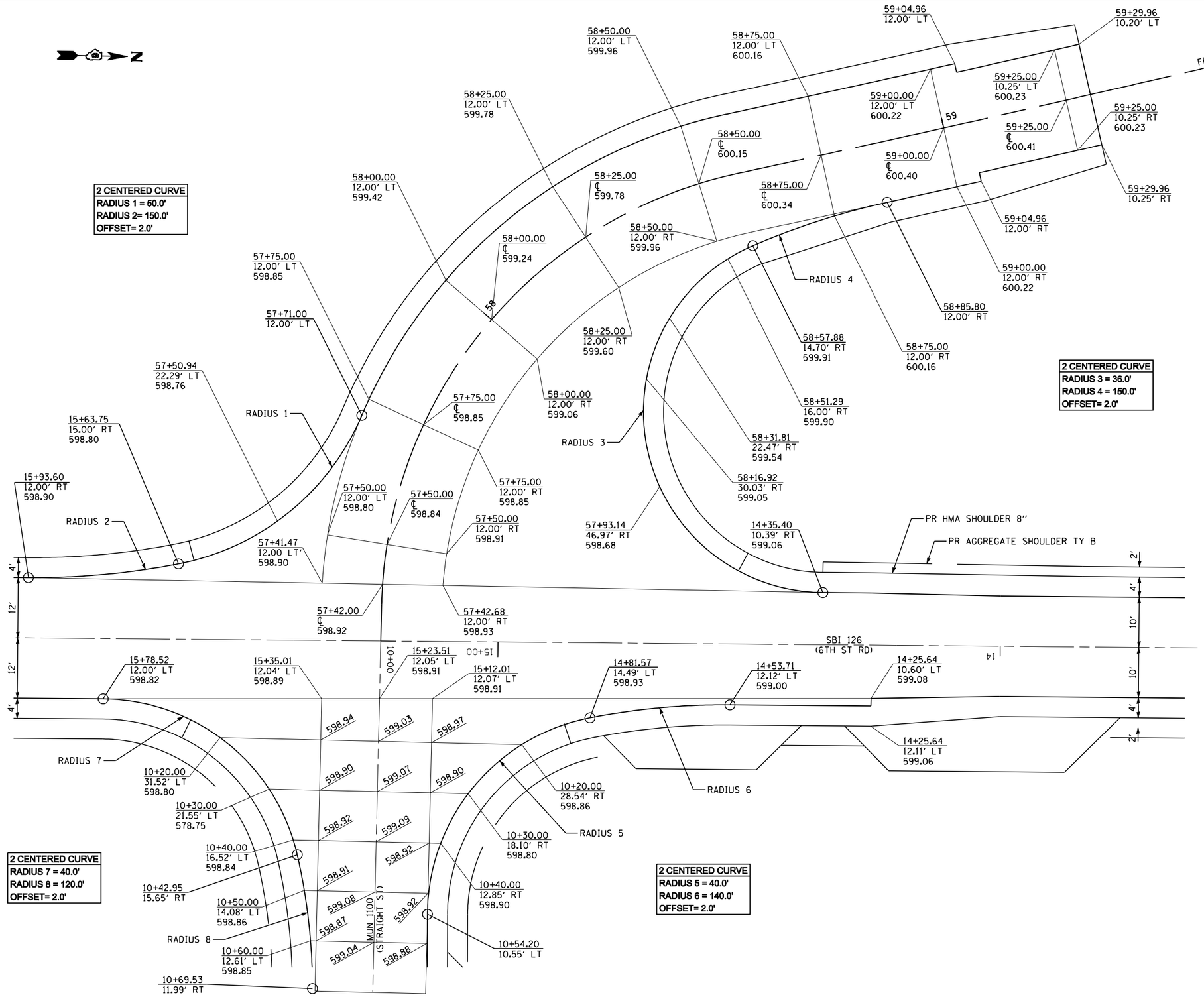


2 CENTERED CURVE
RADIUS 2A = 40.0'
RADIUS 2B = 120.0'
OFFSET= 2.0'

2 CENTERED CURVE
RADIUS 1A = 32.0'
RADIUS 1B = 300.0'
OFFSET= 10.0'

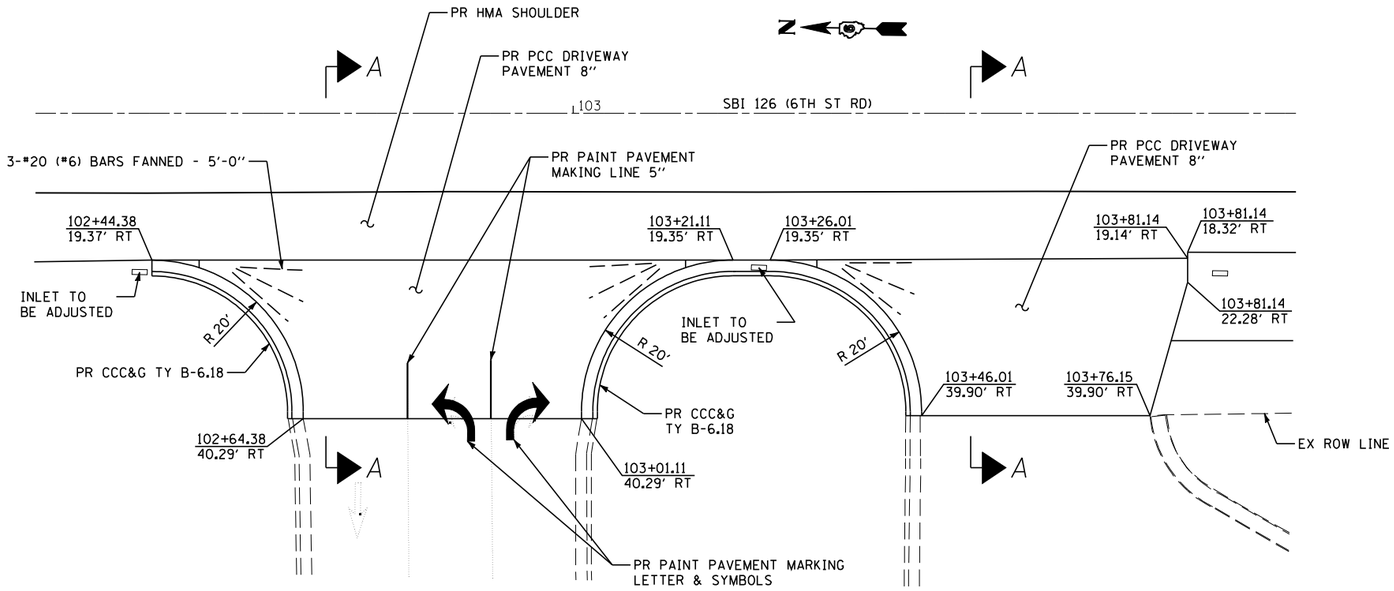
CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB = 2265.11	DESIGNED - NAK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT ELEVATIONS SBI 126 (6TH ST RD)
	FILE NAME = D672F74-sht-elev.dgn	DRAWN - SJS	REVISED -		
	PLOT SCALE = 20.0000 ' / IN.	CHECKED - NAK	REVISED -		
	PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	50
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB = 2265.11	DESIGNED - NAK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT ELEVATIONS SBI 126 (6TH ST RD)
	FILE NAME = D672F74-sht-elev.dgn	DRAWN - SJS	REVISED -		
	PLOT SCALE = 20.0000 ' / IN.	CHECKED - NAK	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.
	PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -		

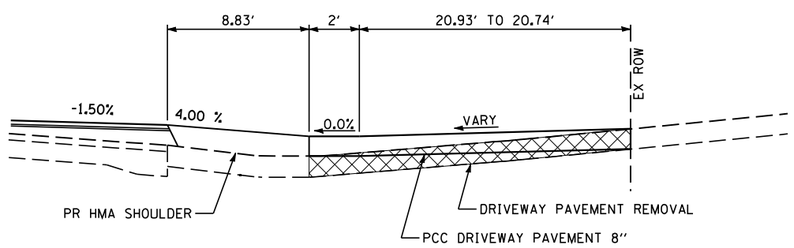
S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	51
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



CE RT STA 102+83

CE RT STA 103+61

PORTIONS OF PCC DRIVEWAY PAVEMENT 8" LESS THAN 1 FOOT WIDE SHALL BE CONSTRUCTED MONOLITHIC WITH THE PROPOSE COMBINATION CONCRETE CURB AND GUTTER TY B-6.18



SECTION A-A

CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB = 2265.11	DESIGNED - NAK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ENTRANCE DETAILS	S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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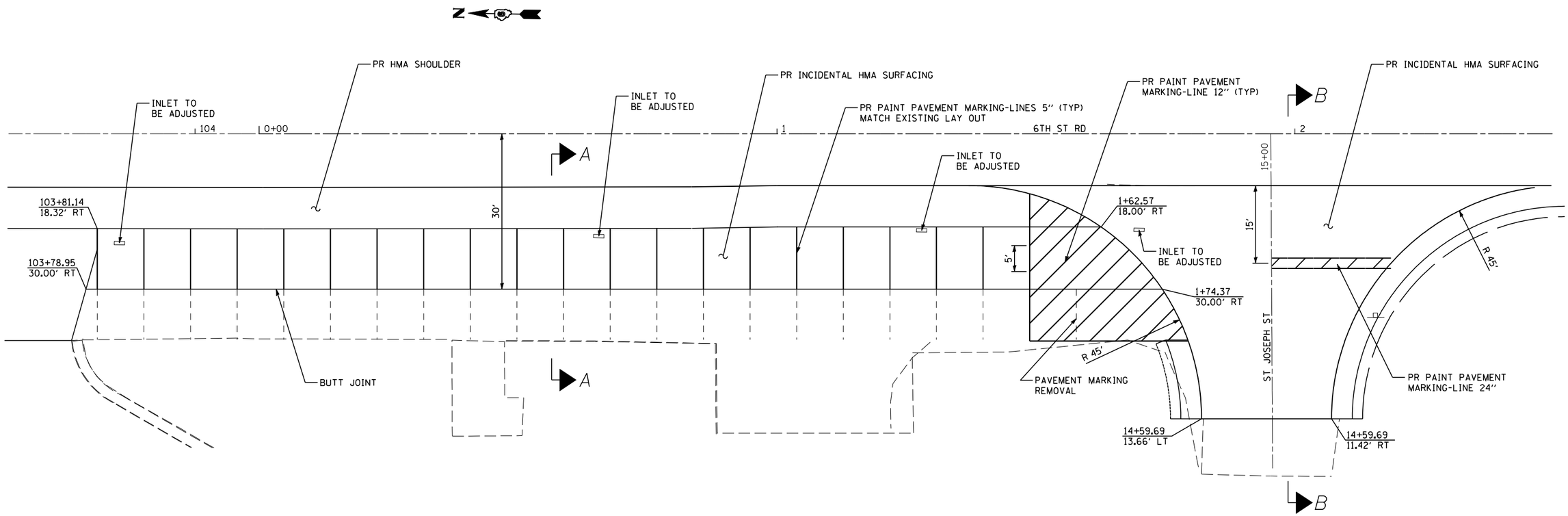
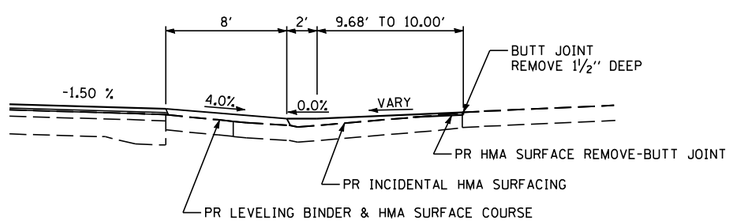
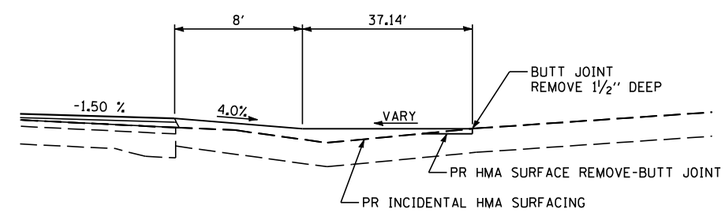
	PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



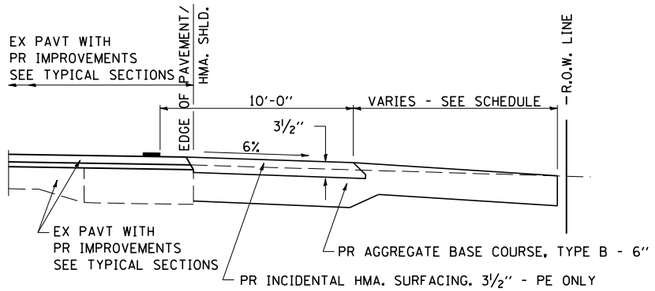


SECTION A-A

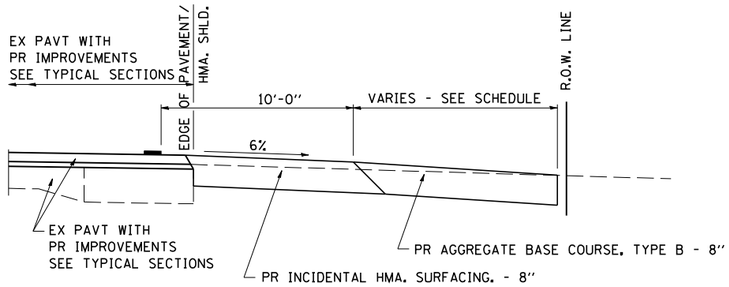


SECTION B-B

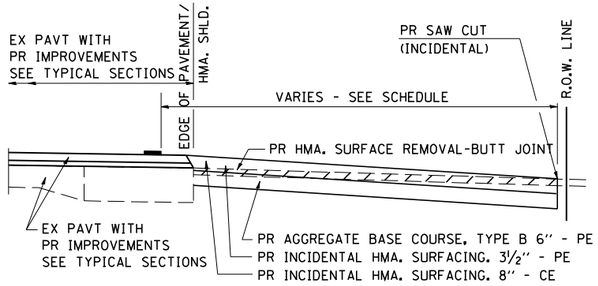
CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB = 2265.11	DESIGNED - NAK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ENTRANCE DETAILS	S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = D672F74-sht-ent.dgn	DRAWN - SJS	REVISED -			126	(110) I-2	SANGAMON	93	53
	PLOT SCALE = 20.0000 ' / IN.	CHECKED - NAK	REVISED -					CONTRACT NO. 72F74		
	PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



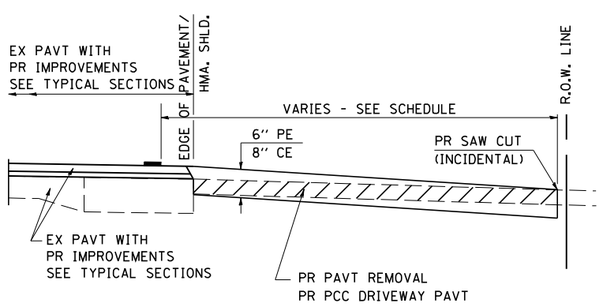
SECTION A-A FOR EX EARTH/AGGREGATE FE & PE



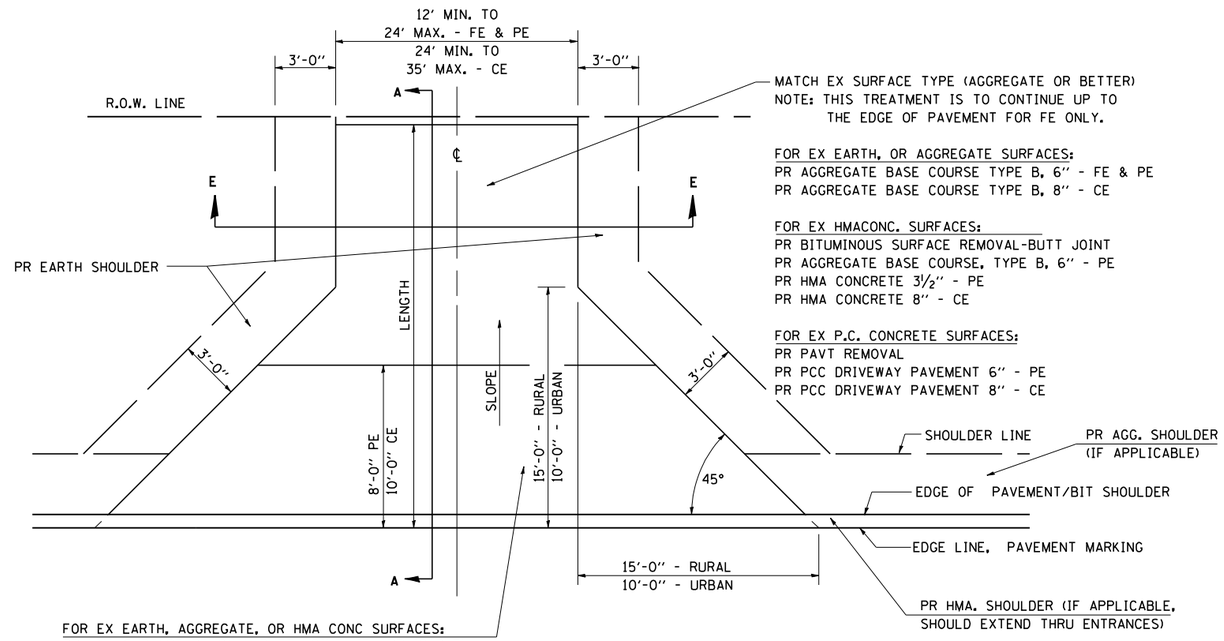
SECTION A-A FOR EX EARTH/AGGREGATE CE



SECTION A-A FOR EX HMA PE & CE



SECTION A-A FOR EX P.C. CONC. PE & CE



MATCH EX SURFACE TYPE (AGGREGATE OR BETTER)
NOTE: THIS TREATMENT IS TO CONTINUE UP TO THE EDGE OF PAVEMENT FOR FE ONLY.

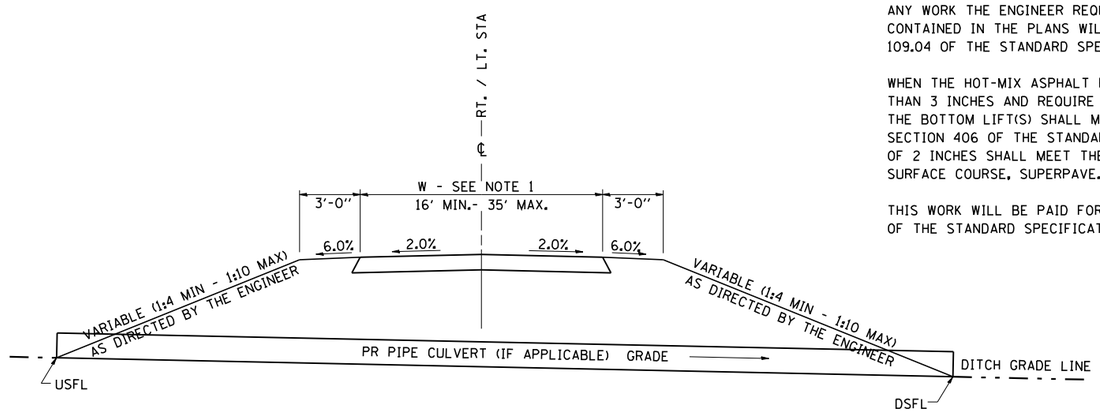
FOR EX EARTH, OR AGGREGATE SURFACES:
PR AGGREGATE BASE COURSE TYPE B, 6" - FE & PE
PR AGGREGATE BASE COURSE TYPE B, 8" - CE

FOR EX HMACONC. SURFACES:
PR BITUMINOUS SURFACE REMOVAL-BUTT JOINT
PR AGGREGATE BASE COURSE, TYPE B, 6" - PE
PR HMA CONCRETE 3½" - PE
PR HMA CONCRETE 8" - CE

FOR EX P.C. CONCRETE SURFACES:
PR PAVT REMOVAL
PR PCC DRIVEWAY PAVEMENT 6" - PE
PR PCC DRIVEWAY PAVEMENT 8" - CE

FOR EX EARTH, AGGREGATE, OR HMA CONC SURFACES:
PR HMA SURFACE REMOVAL-BUTT JOINT (IF APPLICABLE)
PR AGGREGATE BASE COURSE TYPE B 6" - FE
PR AGGREGATE BASE COURSE TYPE B, 6" &
PR HMA CONCRETE 3½" - PE
PR HMA CONCRETE 8" - CE

FOR P.C. CONCRETE SURFACES:
PR PAVT REMOVAL
PR PCC DRIVEWAY PAVT 6" - PE
PR PCC DRIVEWAY PAVT 8" - CE



SECTION E - E ENTRANCE TYPICAL SECTION

NOTE 1: WIDTH OF ENTRANCE MAY BE INCREASED AT THE PIPE CULVERT DUE TO THE DITCHLINE BEING LOCATED IN THE ENTRANCE FLARE AREA.

GENERAL NOTES:

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

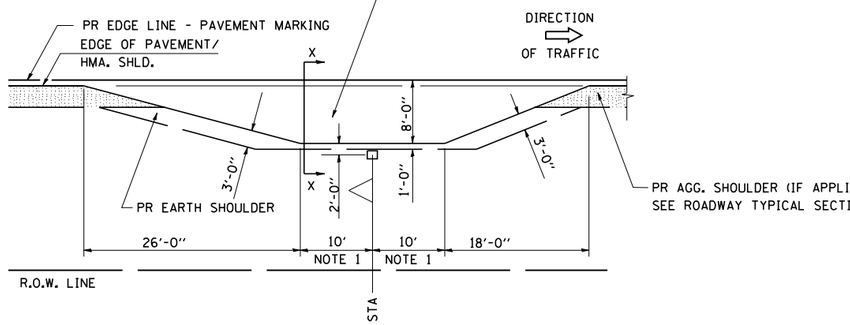
WHEN THE HOT-MIX ASPHALT PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF HMA BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 2 INCHES SHALL MEET THE REQUIREMENTS OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

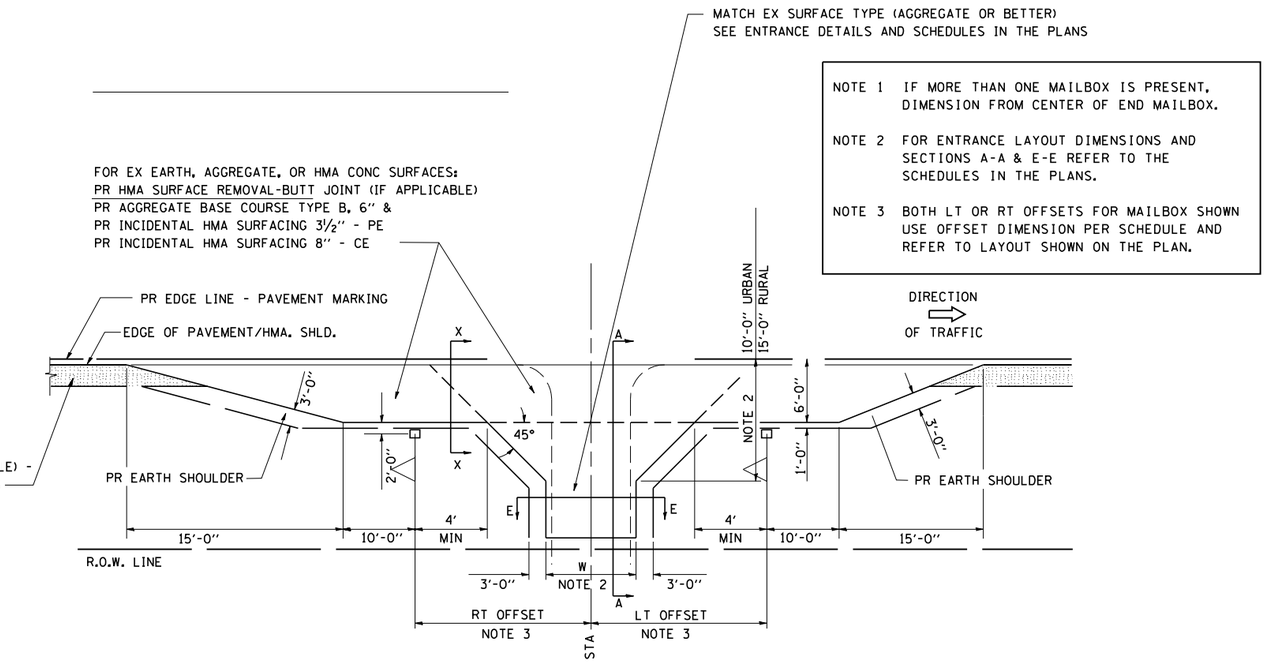
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB = 2265.11	DESIGNED -	REVISED - 2/19/03 (JCN)	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 6 DETAILS FOR RURAL / URBAN ENTRANCE & MAILBOX TURNOUT W/O CONC GUTTER (3R - PROJECTS)	S.B.I. RTE. 126	SECTION (110) I-2
	FILE NAME = D672F74-sht-ent.dgn	DRAWN - CADD	REVISED - 4/01/04 (JCN)			COUNTY SANGAMON	TOTAL SHEETS 93 / SHEET NO. 54
	PLOT SCALE = 20.0000 ' / IN.	CHECKED - JCN	REVISED - 8/01/07 (JCN)			CONTRACT NO. 72F74	
	PLOT DATE = 2/4/2013	DATE - FEBRUARY 23, 1999	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT

DETAILS OF MAILBOX TURNOUTS



PLAN - MAILBOX TURNOUTS

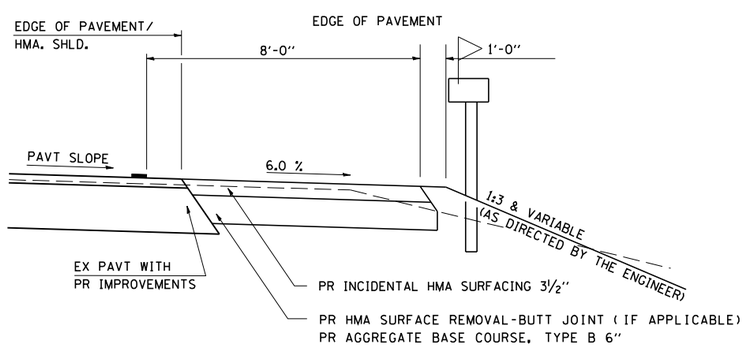


NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.

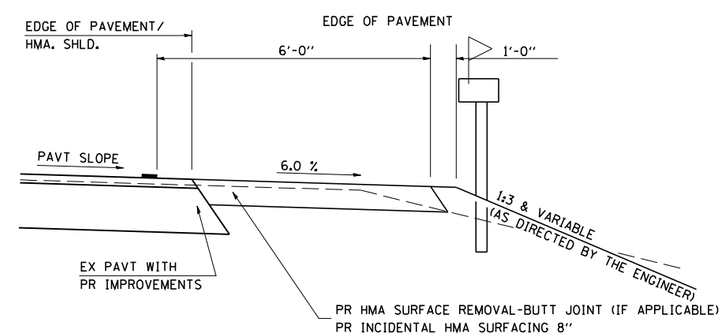
NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.

NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



SECTION X-X THRU MAILBOX TURNOUT ALSO APPLIES TO MAILBOX TURNOUTS COMBINED WITH EX EARTH, AGGREGATE, OR HMA PE & FE



SECTION X-X THRU MAILBOX TURNOUT COMBINED WITH EX EARTH, AGGREGATE, OR HMA CE

CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB = 2265.11	DESIGNED -		REVISED - 2/19/03 (JCN)	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 6 DETAILS FOR RURAL / URBAN ENTRANCE & MAILBOX TURNOUT W/O CONC GUTTER (3R - PROJECTS)	S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = D672F74-sht-ent.dgn	DRAWN -	CADD	REVISED - 4/01/04 (JCN)			126	(110) I-2	SANGAMON	93	55
	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	JCN	REVISED - 8/01/07 (JCN)			CONTRACT NO. 72F74				
	PLOT DATE = 2/4/2013	DATE -	FEBRUARY 23, 1999	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

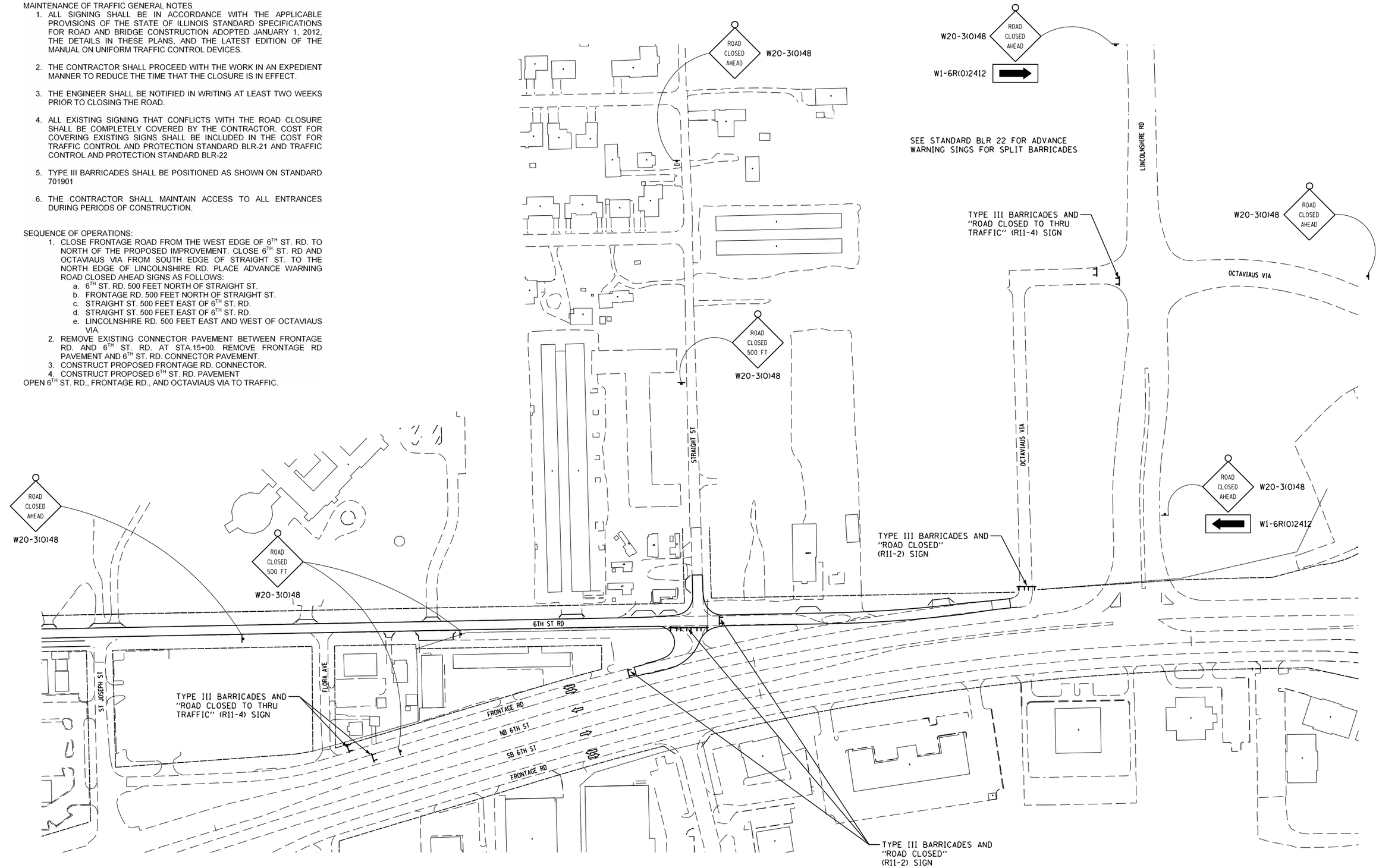
MAINTENANCE OF TRAFFIC GENERAL NOTES

1. ALL SIGNING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2012, THE DETAILS IN THESE PLANS, AND THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
2. THE CONTRACTOR SHALL PROCEED WITH THE WORK IN AN EXPEDIENT MANNER TO REDUCE THE TIME THAT THE CLOSURE IS IN EFFECT.
3. THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST TWO WEEKS PRIOR TO CLOSING THE ROAD.
4. ALL EXISTING SIGNING THAT CONFLICTS WITH THE ROAD CLOSURE SHALL BE COMPLETELY COVERED BY THE CONTRACTOR. COST FOR COVERING EXISTING SIGNS SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION STANDARD BLR-21 AND TRAFFIC CONTROL AND PROTECTION STANDARD BLR-22
5. TYPE III BARRICADES SHALL BE POSITIONED AS SHOWN ON STANDARD 701901
6. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ENTRANCES DURING PERIODS OF CONSTRUCTION.

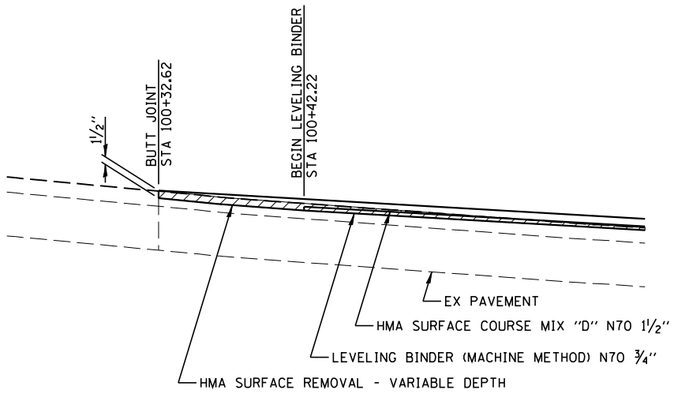
SEQUENCE OF OPERATIONS:

1. CLOSE FRONTAGE ROAD FROM THE WEST EDGE OF 6TH ST. RD. TO NORTH OF THE PROPOSED IMPROVEMENT. CLOSE 6TH ST. RD AND OCTAVIAUS VIA FROM SOUTH EDGE OF STRAIGHT ST. TO THE NORTH EDGE OF LINCOLNSHIRE RD. PLACE ADVANCE WARNING ROAD CLOSED AHEAD SIGNS AS FOLLOWS:
   a. 6TH ST. RD. 500 FEET NORTH OF STRAIGHT ST.
   b. FRONTAGE RD. 500 FEET NORTH OF STRAIGHT ST.
   c. STRAIGHT ST. 500 FEET EAST OF 6TH ST. RD.
   d. STRAIGHT ST. 500 FEET EAST OF 6TH ST. RD.
   e. LINCOLNSHIRE RD. 500 FEET EAST AND WEST OF OCTAVIAUS VIA.
2. REMOVE EXISTING CONNECTOR PAVEMENT BETWEEN FRONTAGE RD. AND 6TH ST. RD. AT STA.15+00. REMOVE FRONTAGE RD PAVEMENT AND 6TH ST. RD. CONNECTOR PAVEMENT.
3. CONSTRUCT PROPOSED FRONTAGE RD. CONNECTOR.
4. CONSTRUCT PROPOSED 6TH ST. RD. PAVEMENT

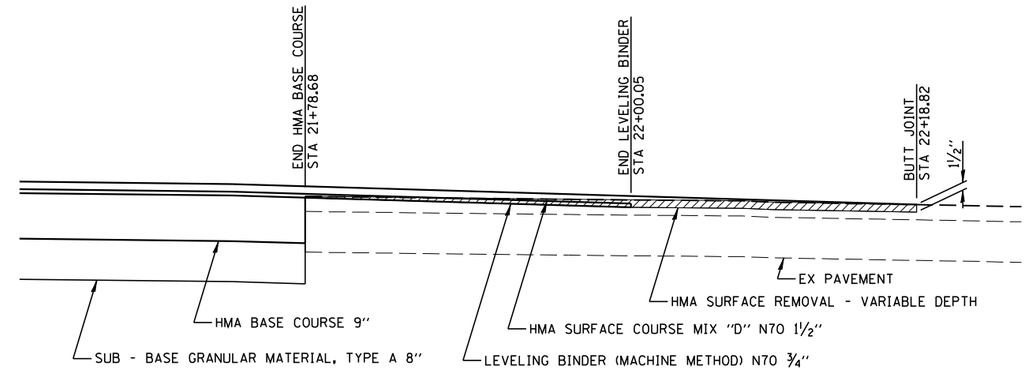
OPEN 6TH ST. RD., FRONTAGE RD., AND OCTAVIAUS VIA TO TRAFFIC.



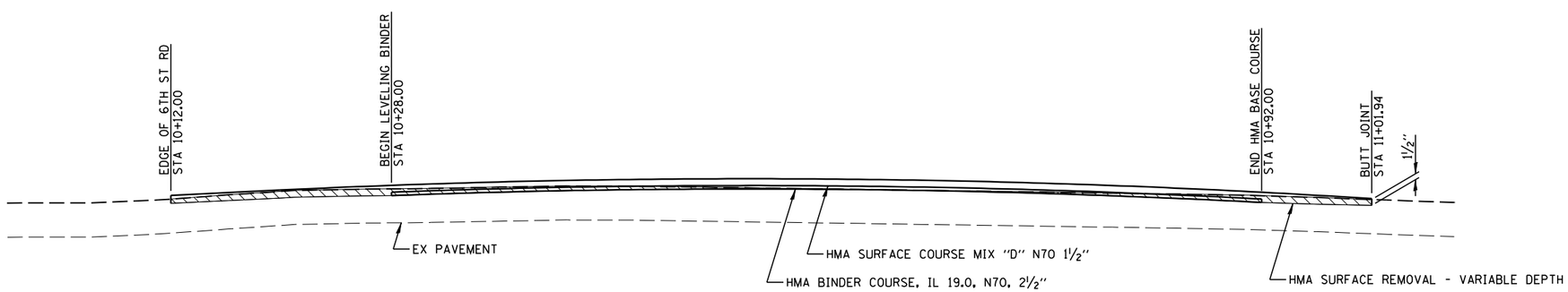
CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB = 2265.11	DESIGNED - NAK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC ROAD CLOSURE PLAN	S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
	FILE NAME = D672F74-sht-tcp.dgn	DRAWN - SJS	REVISED -			126	(110) I-2	SANGAMON	93 / 56
	PLOT SCALE = 200.0000 ' / IN.	CHECKED - NAK	REVISED -					CONTRACT NO. 72F74	
	PLOT DATE = 2/4/2013	DATE - 10/8/2012	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



BUTT JOINT DETAIL 6TH ST RD

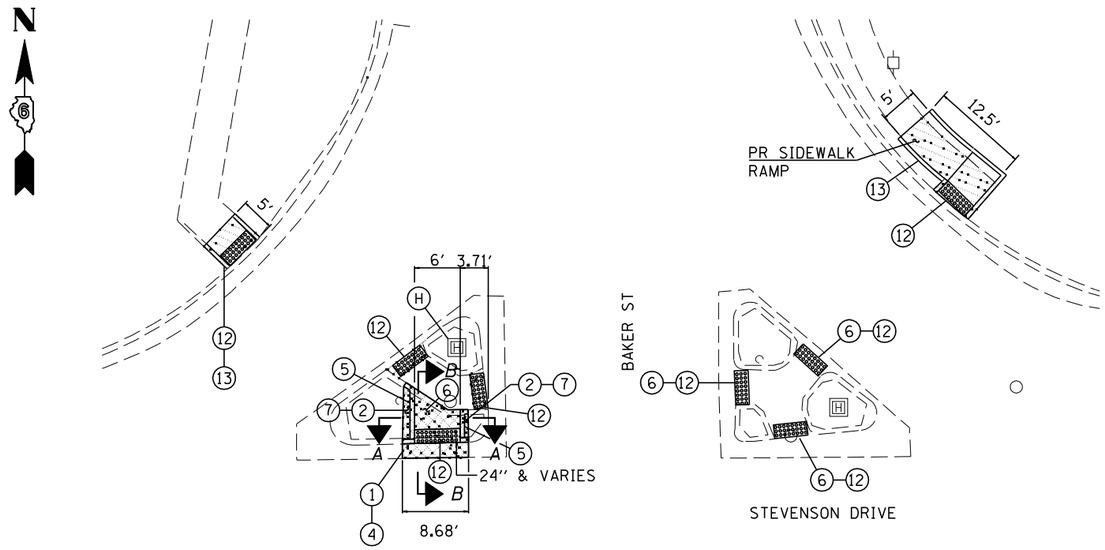


BUTT JOINT DETAIL 6TH ST RD

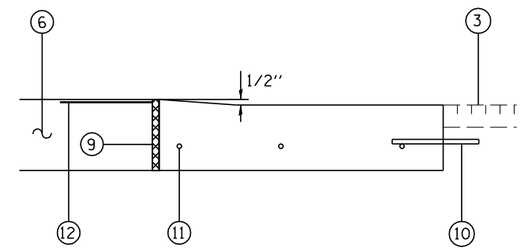


BUTT JOINT DETAIL STRAIGHT ST

CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB = 2265.11	DESIGNED - NAK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT DETAILS			S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = D672F74-sht-details.dgn	DRAWN - TSH	REVISED -					126	(110) I-2	SANGAMON	93	57
	PLOT SCALE = 9.9589 ' / IN.	CHECKED - NAK	REVISED -							CONTRACT NO. 72F74		
	PLOT DATE = 2/4/2013	DATE - 11/1/2012	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



STEVENSON DRIVE SIDEWALK PLAN (NORTH)



SECTION B-B

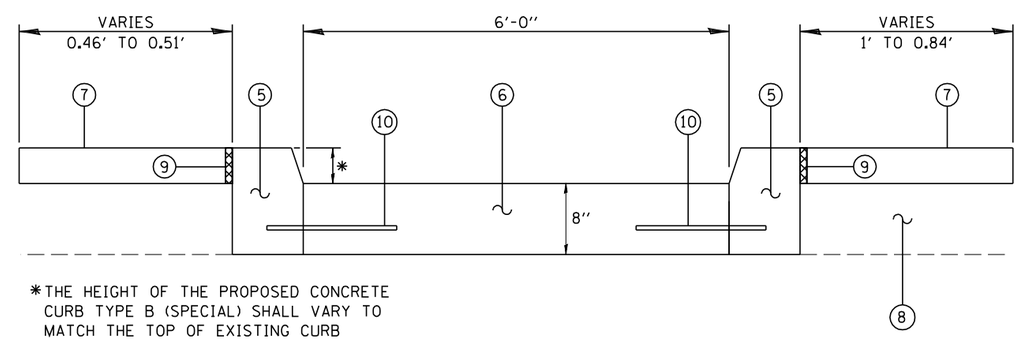
LEGEND

1. EXIST. COMBINATION CURB AND GUTTER TBR
2. EXIST. 4" CONCRETE MEDIAN SURFACE TBR
3. EXIST. HMA SURFACE
4. PROP. COMBINATION CURB AND GUTTER TYPE B-6.24
5. PROP. CONCRETE CURB TYPE B6
6. PROP. P.C.C. SIDEWALK 8"
7. PROP. CONCRETE MEDIAN SURFACE 4"
8. PROP. SUB BASE GRANULAR MATERIAL MATERIAL TYPE B
9. PROP. ¾" PREFORMED EXPANSION JOINT FILLER (TYP.)
10. PROP. TIE BAR
11. PROP. DOWEL BAR
12. PROP. DETECTABLE WARNINGS
13. PROP. PCC SIDEWALK 4"

H EXISTING HANDHOLE BOX (TO REMAIN OR TO BE ADJUSTED)

NOTE:

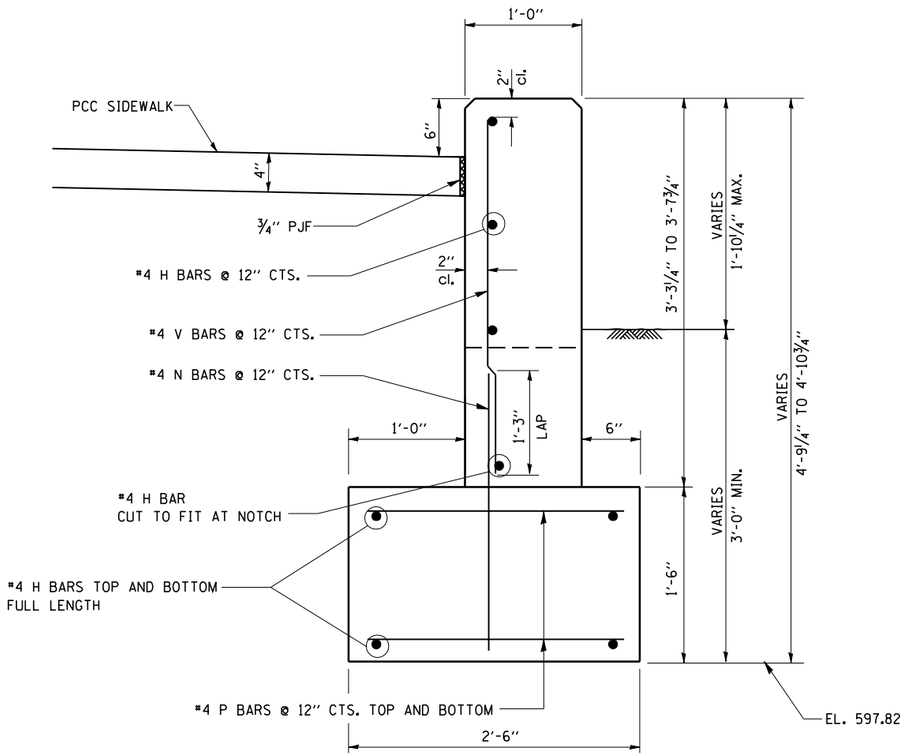
1. FOR ADDITIONAL INFORMATION ABOUT CURB AND GUTTER, MEDIAN AND SIDEWALK SEE STD. 424001, 606001, & 606301
2. 2 FEET OF EXISTING MEDIAN SHALL BE REMOVED AND REPLACED TO INSTALL DECTABLE WARNINGS IN EXISTING ISLAND SIDEWALKS
3. TIE BARS SHALL BE NO. 6 AT 24" CENTERS AS SPECIFIED ON STD 606001. TIE BARS AND DOWELL BARS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS



*THE HEIGHT OF THE PROPOSED CONCRETE CURB TYPE B (SPECIAL) SHALL VARY TO MATCH THE TOP OF EXISTING CURB

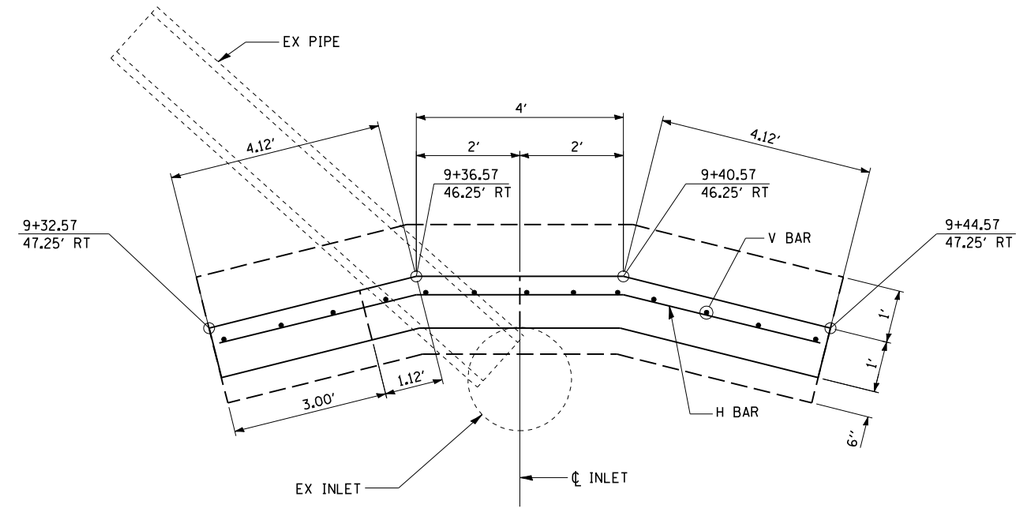
SECTION A-A

CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB = 2265.11	DESIGNED - NAK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ISLAND DETAIL	S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = D672F74-sht-details.dgn	DRAWN - TSH	REVISED -			126	(110) I-2	SANGAMON	93	58
	PLOT SCALE = 19.9178 ' / IN.	CHECKED - NAK	REVISED -					CONTRACT NO. 72F74		
	PLOT DATE = 2/4/2013	DATE - 11/1/2012	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



CONCRETE RETAINING WALL SECTION

(LOOKING EAST)
RT STA 9+32.57 TO RT STA 9+44.57



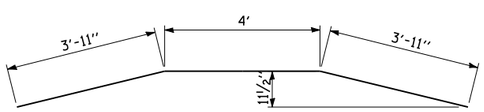
RETAINING WALL PLAN

BAR LIST

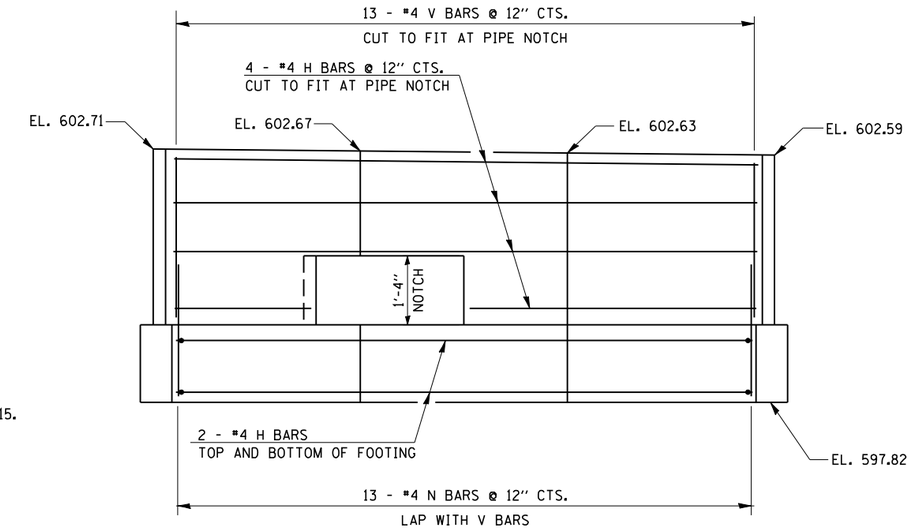
Bar	No.	Size	Length	Shape
H	8	#4	11'-10"	
V	13	#4	3'-1"	
N	13	#4	3'-0"	
P	12	#4	2'-4"	

CONCRETE STRUCTURES = 3.1 CU YD
REINFORCEMENT BARS = 140 LBS

LONGITUDINAL REINFORCEMENT SHALL BE CONTINUOUS THROUGH THE CONTRACTION JOINTS. JOINTS WHETHER PREFORMED OR SAWCUT SHALL BE NOT LESS THAN 2" DEEP AND BE PLACED FROM TOP TO BOTTOM. THE WALL SHALL BE FINISHED IN ACCORDANCE WITH ARTICLE 503.15.



H BAR



RETAINING WALL ELEVATION

CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB = 2265.11	DESIGNED - NAK	REVISED --
	FILE NAME = D672F74-sht-details.dgn	DRAWN - TSH	REVISED --
	PLOT SCALE = 11.7044 ' / IN.	CHECKED - NAK	REVISED --
	PLOT DATE = 2/4/2013	DATE - 1/18/2012	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

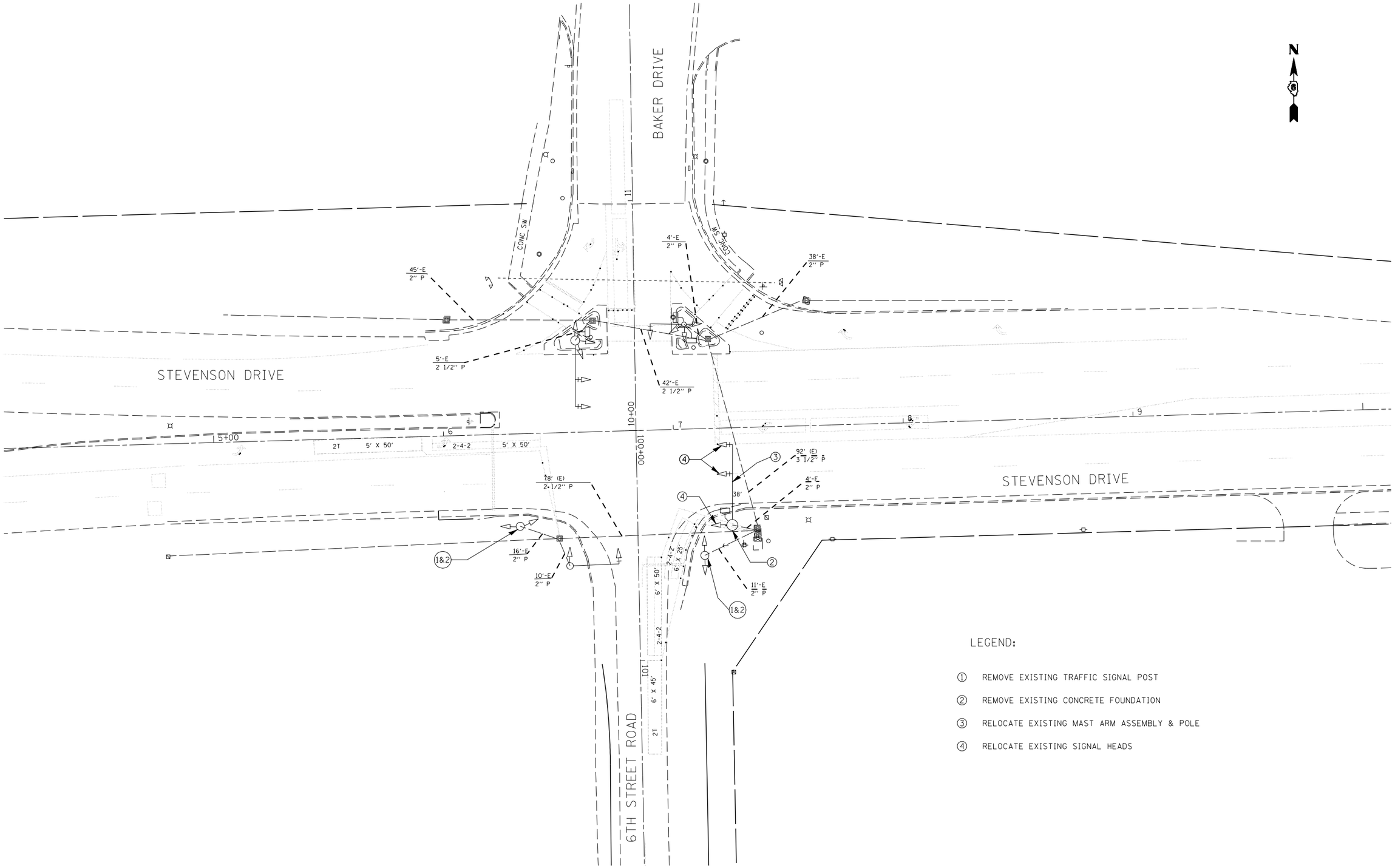
RETAINING WALL DETAILS

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

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	59

CONTRACT NO. 72F74

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT



LEGEND:

① REMOVE EXISTING TRAFFIC SIGNAL POST

② REMOVE EXISTING CONCRETE FOUNDATION

③ RELOCATE EXISTING MAST ARM ASSEMBLY & POLE

④ RELOCATE EXISTING SIGNAL HEADS

FILE NAME = D672F74-sht-TS.dgn	USER NAME = default	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TRAFFIC SIGNAL SHEET STEVENSON & BAKER DRIVE	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			126	(110) I-2	SANGAMON	93	60
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -					CONTRACT NO. 72F74		
Default	PLOT DATE = 2/4/2013	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT			

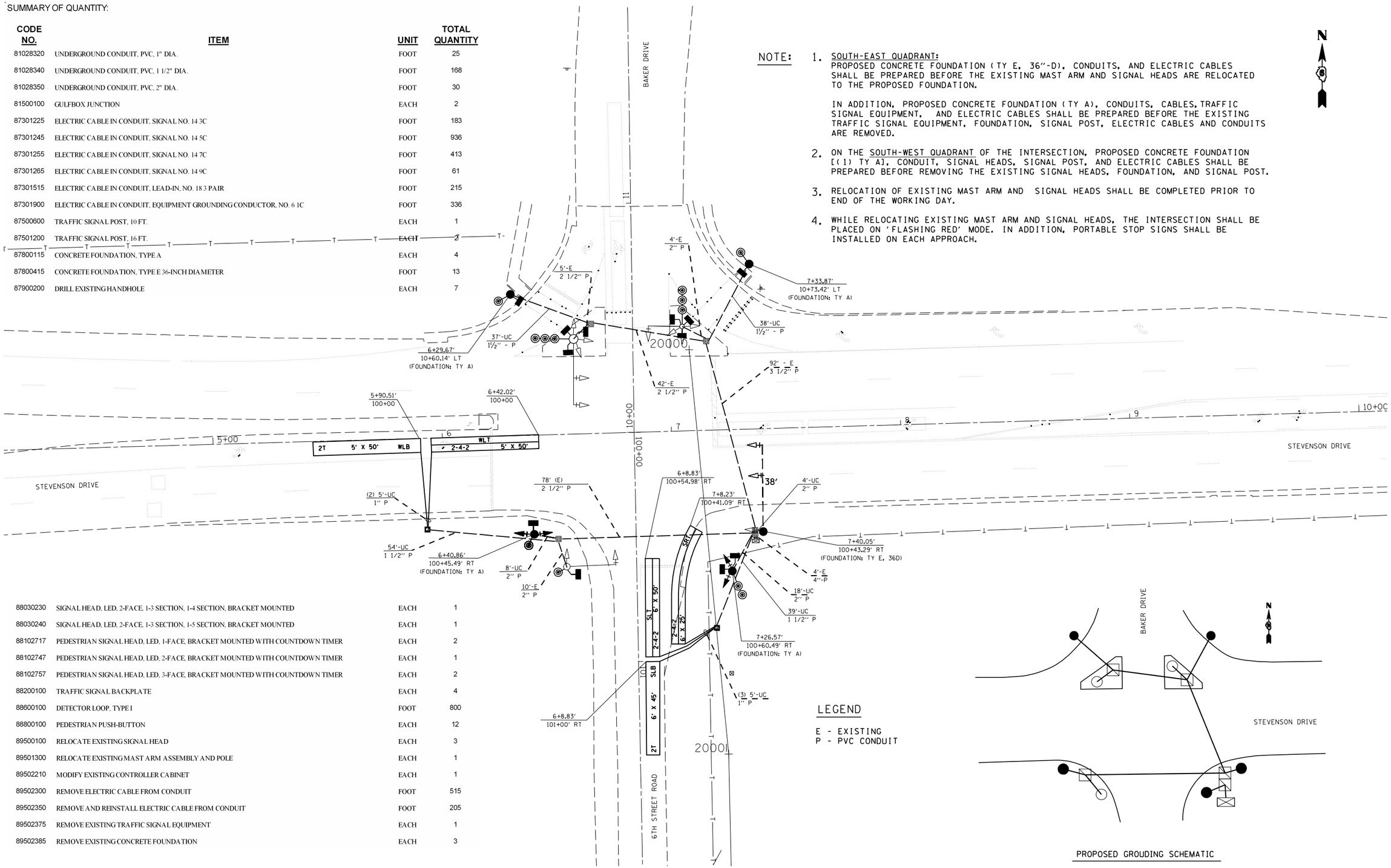
SUMMARY OF QUANTITY:

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	25
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	168
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	30
81500100	GULFBOX JUNCTION	EACH	2
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	183
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	936
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	413
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	61
87301515	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	FOOT	215
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	336
87500600	TRAFFIC SIGNAL POST, 10 FT.	EACH	1
87501200	TRAFFIC SIGNAL POST, 16 FT.	EACH	2
87800115	CONCRETE FOUNDATION, TYPE A	EACH	4
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13
87900200	DRILL EXISTING HANDHOLE	EACH	7
88030230	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	1
88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1
88102757	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	4
88600100	DETECTOR LOOP, TYPE I	FOOT	800
88800100	PEDESTRIAN PUSH-BUTTON	EACH	12
89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	3
89501300	RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	515
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	205
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	3

NOTE:

1. SOUTH-EAST QUADRANT:
   PROPOSED CONCRETE FOUNDATION (TY E, 36"-D), CONDUITS, AND ELECTRIC CABLES SHALL BE PREPARED BEFORE THE EXISTING MAST ARM AND SIGNAL HEADS ARE RELOCATED TO THE PROPOSED FOUNDATION.

   IN ADDITION, PROPOSED CONCRETE FOUNDATION (TY A), CONDUITS, CABLES, TRAFFIC SIGNAL EQUIPMENT, AND ELECTRIC CABLES SHALL BE PREPARED BEFORE THE EXISTING TRAFFIC SIGNAL EQUIPMENT, FOUNDATION, SIGNAL POST, ELECTRIC CABLES AND CONDUITS ARE REMOVED.
2. ON THE SOUTH-WEST QUADRANT OF THE INTERSECTION, PROPOSED CONCRETE FOUNDATION [(1) TY A], CONDUIT, SIGNAL HEADS, SIGNAL POST, AND ELECTRIC CABLES SHALL BE PREPARED BEFORE REMOVING THE EXISTING SIGNAL HEADS, FOUNDATION, AND SIGNAL POST.
3. RELOCATION OF EXISTING MAST ARM AND SIGNAL HEADS SHALL BE COMPLETED PRIOR TO END OF THE WORKING DAY.
4. WHILE RELOCATING EXISTING MAST ARM AND SIGNAL HEADS, THE INTERSECTION SHALL BE PLACED ON 'FLASHING RED' MODE. IN ADDITION, PORTABLE STOP SIGNS SHALL BE INSTALLED ON EACH APPROACH.



LEGEND

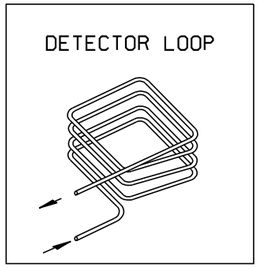
E - EXISTING
P - PVC CONDUIT

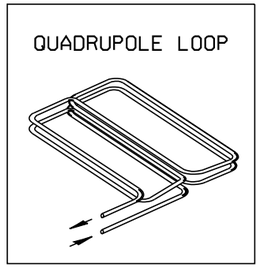
PROPOSED GROUDING SCHEMATIC

FILE NAME = D672F74-sht-TS.dgn	USER NAME = default	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TRAFFIC SIGNAL SHEET STEVENSON & BAKER DRIVE	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			126	(110) I-2	SANGAMON	93	61
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -					CONTRACT NO. 72F74		
Default	PLOT DATE = 2/4/2013	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT			

LOOP DESIGNATION	NUMBER OF TURNS	READING @ HANDHOLE OR JUNCTION BOX				READING @ CONTROLLER			
		CALCULATED		METERED		CALCULATED		METERED	
		μH	Ω	μH	Ω	μH	Ω	μH	Ω
WLB	2T	190	0.75			204	2.78		
WLT	2-4-2	422	1.29			435	3.31		
SRT	2-4-2	421	1.20			425	1.76		
SLT	2-4-2	424	1.27			427	1.83		
SLB	2T	176	0.69			180	1.24		

LOOP DESIGNATION	NUMBER OF TURNS	READING @ HANDHOLE OR JUNCTION BOX				READING @ CONTROLLER			
		CALCULATED		METERED		CALCULATED		METERED	
		μH	Ω	μH	Ω	μH	Ω	μH	Ω





INSTALLING THE LOOP WIRE:
THE NEGATIVE LEAD SHALL BE CONNECTED TO THE BLACK CONDUCTOR OF A PAIR OF CONDUCTORS IN THE LEAD-IN CABLE AND THE POSITIVE LEAD SHALL BE CONNECTED TO THE COLOR-CODED CONDUCTOR OF THE CABLE PAIR.

DETECTOR LOOP WIRE INSTALLATION

DETECTOR NOTES:

1. THE DETECTOR LOOP SHALL BE CENTERED IN THE LANE IN WHICH IT IS SHOWN. ANY ADJUSTMENTS ARE TO BE MADE ONLY AT THE DIRECTION OF THE ENGINEER.
2. THE DETECTOR LOOPS SHALL CONSIST OF THE NUMBER OF TURNS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
3. ACCEPTANCE OF THE LOOPS AS METERED SHALL BE DETERMINED BY THE ENGINEER.
4. ALL DETECTOR WIRES SHALL BE MARKED WITH WATERPROOF LABELS USING THE WIRING IDENTIFICATION SHOWN ON THE PLANS. THE + AND - OF EACH LOOP MUST BE USED TO IDENTIFY CURRENT FLOW. ALWAYS CONNECT THE BLACK WIRE OF EACH PAIR TO THE NEGATIVE (-) LOOP WIRE.
5. ALL QUADRAPOLE LOOPS SHALL BE 2-4-2 DESIGN.

REVISIONS	
NAME	DATE
W.C.D.	7-23-90
W.C.D.	11-2-90
W.C.D.	5-6-93

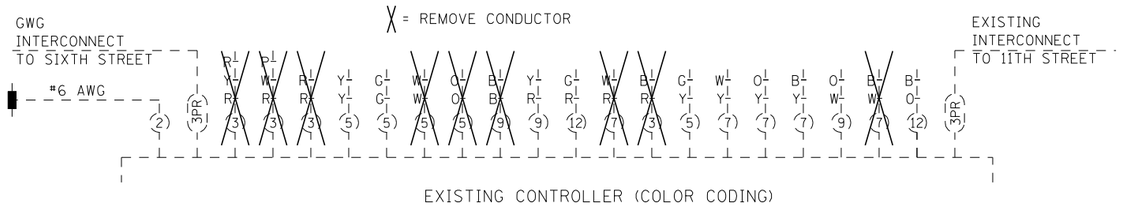
FILE NAME = D672F74-sht-TS.dgn	USER NAME = default	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -
Default	PLOT DATE = 2/4/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL DETECTOR LOOP DETAILS

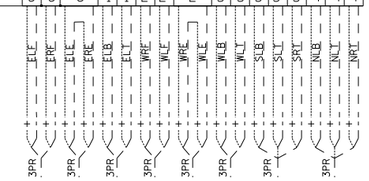
SCALE: | SHEET 2 OF 2 SHEETS | STA. TO STA.

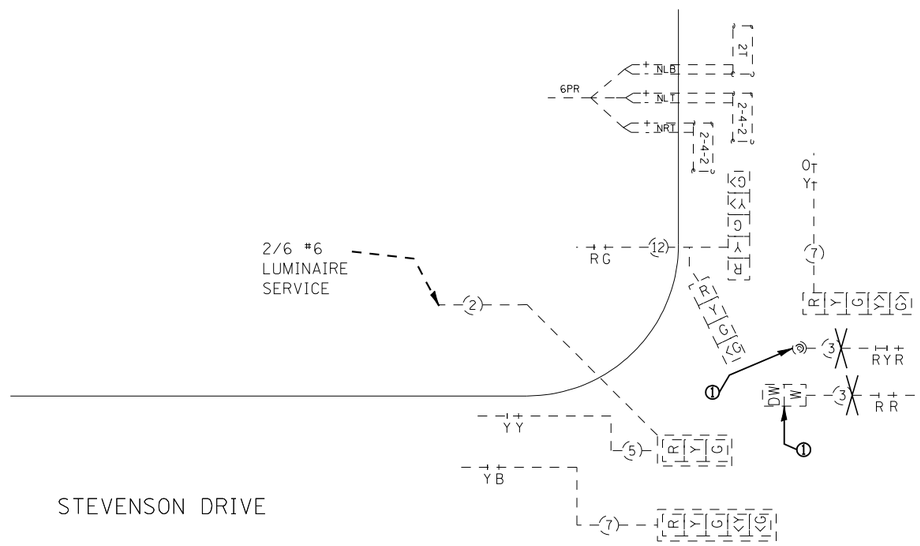
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	62
		CONTRACT NO. 72F74		
		ILLINOIS FED. AID PROJECT		



DETECTORS

TRAFFIC LOGGING PIN (#)	6	16			1	2	12			5		3	13		4	
SYSTEM CALL (S)	S	S				S	S									
CALL ON GREEN ONLY (G)			G					G								
PHASE	6	6	6	1	1	2	2	2	5	5	3	3	3	4	4	4

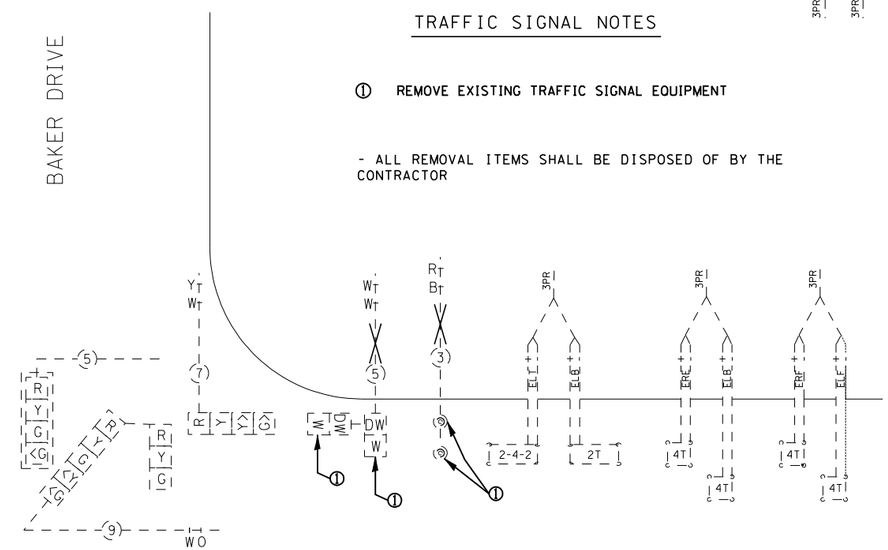


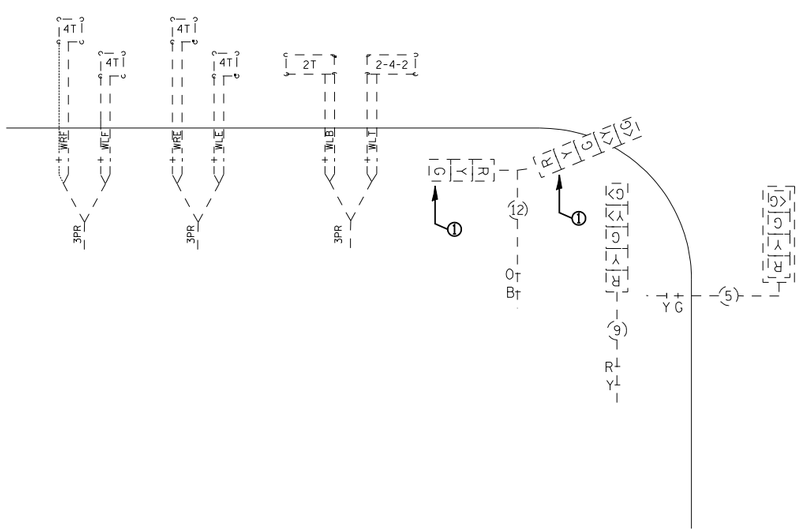


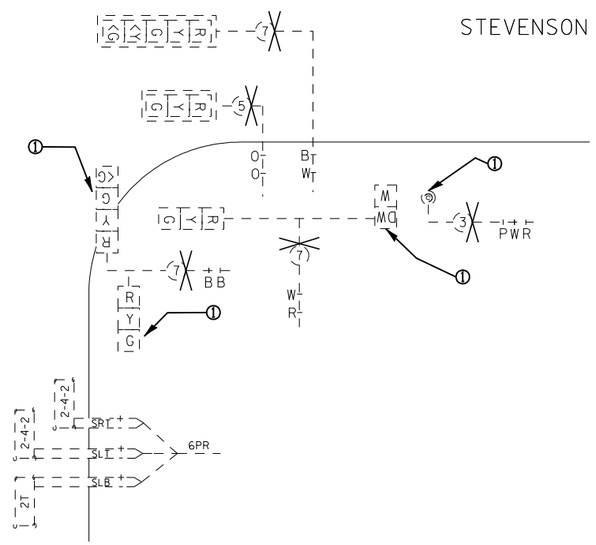
TRAFFIC SIGNAL NOTES

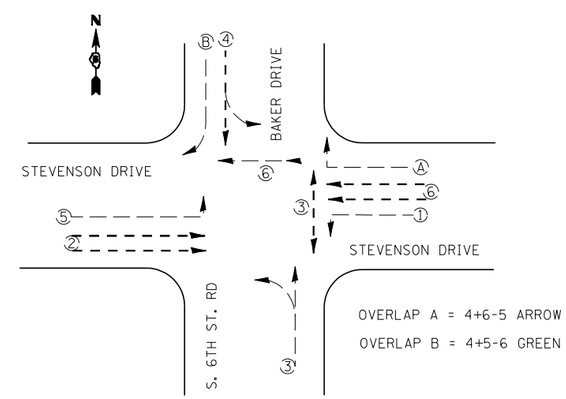
① REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

- ALL REMOVAL ITEMS SHALL BE DISPOSED OF BY THE CONTRACTOR









EXISTING PHASE DESIGNATION DIAGRAM

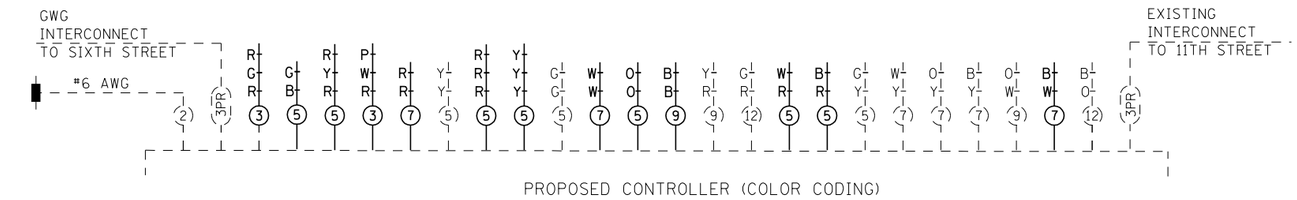
FILE NAME = D672F74-sht-TS.dgn	USER NAME = default	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -
Default	PLOT DATE = 2/4/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CABLE DIAGRAM
STEVENSON & BAKER DRIVE

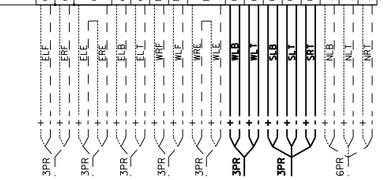
SCALE: | SHEET OF SHEETS | STA. TO STA.

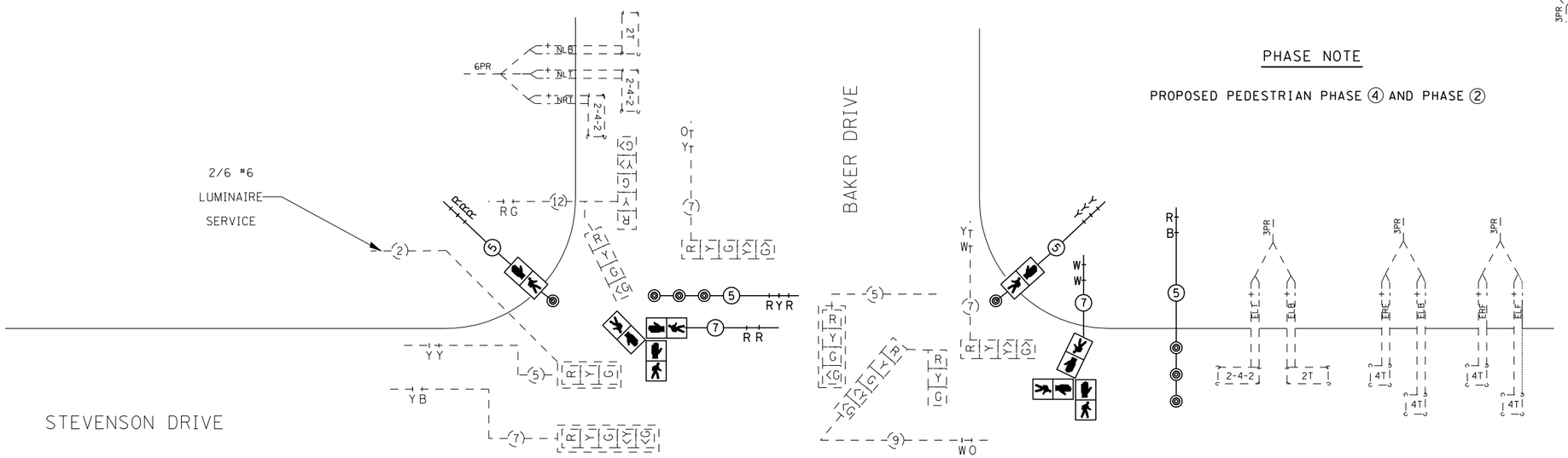
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	63
		CONTRACT NO. 72F74		
	ILLINOIS FED. AID PROJECT			



DETECTORS

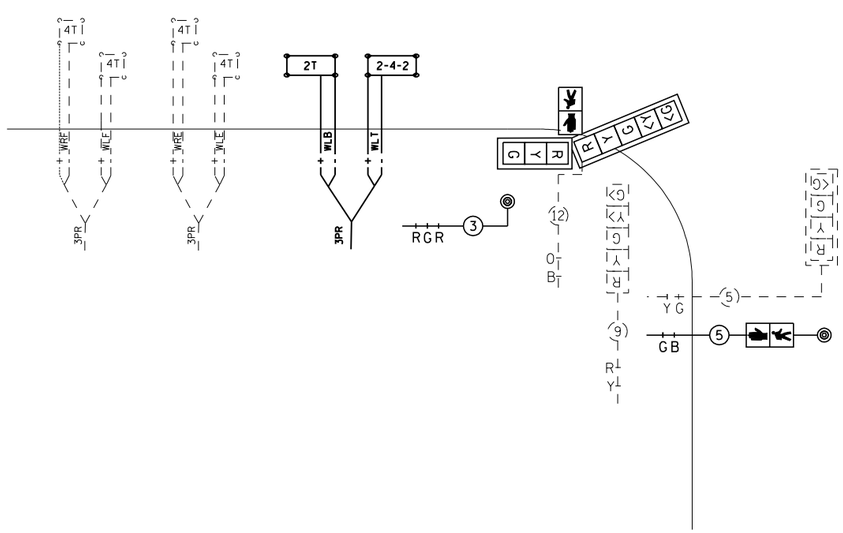
TRAFFIC LOGGING PIN (#)	6	16			1	2	12			5		3	13		4	
SYSTEM CALL (S)	S	S				S	S									
CALL ON GREEN ONLY (G)			G					G								
PHASE	6	6	6	1	1	2	2	2	5	5	3	3	3	4	4	4

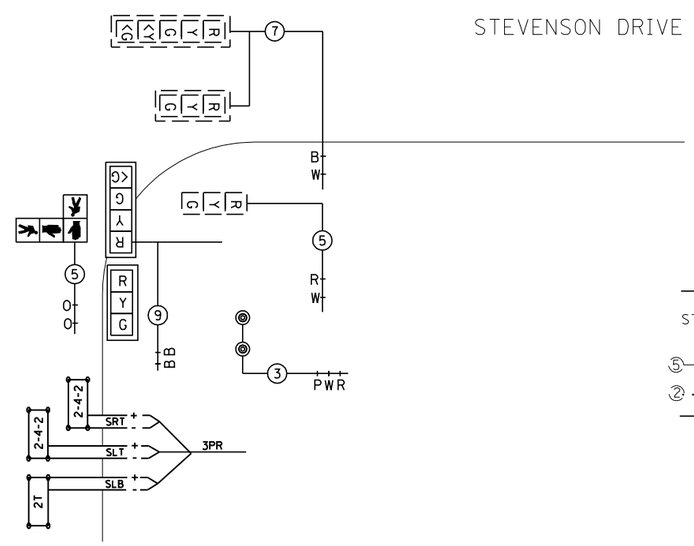


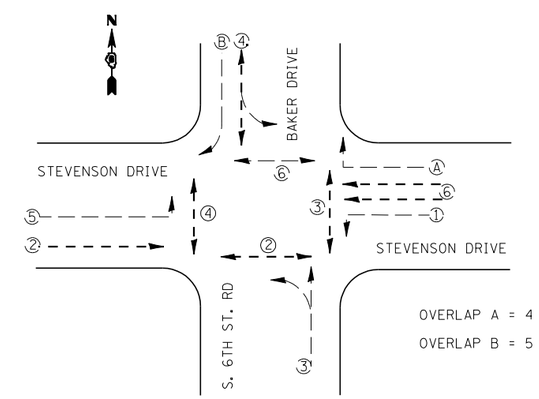


PHASE NOTE

PROPOSED PEDESTRIAN PHASE ④ AND PHASE ②







PROPOSED PHASE DESIGNATION DIAGRAM

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		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -
Default	PLOT DATE = 2/4/2013	DATE -	REVISED -

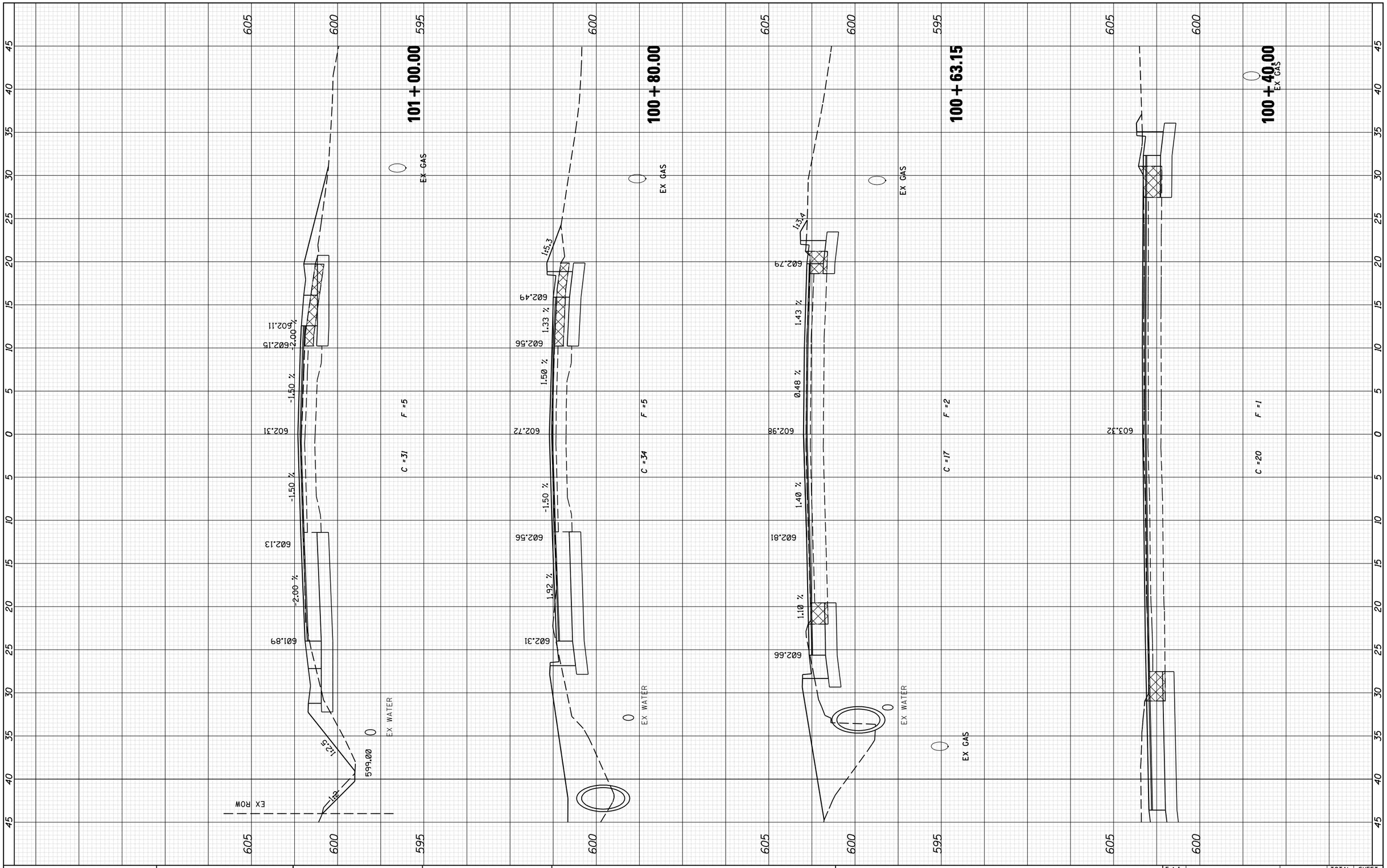
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED CABLE DIAGRAM
STEVENSON & BAKER DRIVE

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	64
		CONTRACT NO. 72F74		

ILLINOIS FED. AID PROJECT



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

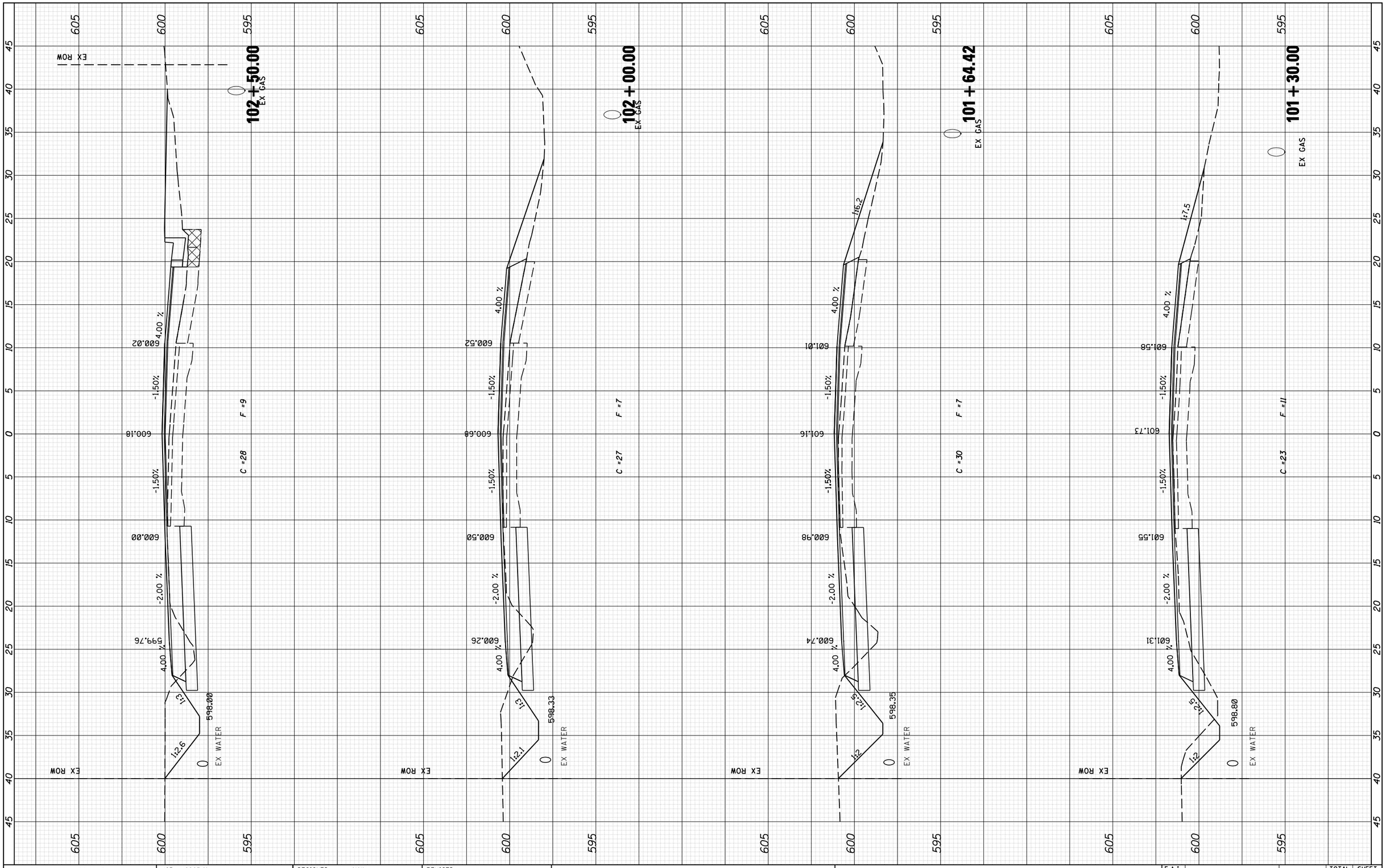
JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NAK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SBI 126 (6TH ST RD)

SCALE: | SHEET NO. OF SHEETS | STA. 100+40.00 TO STA. 101+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	65
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

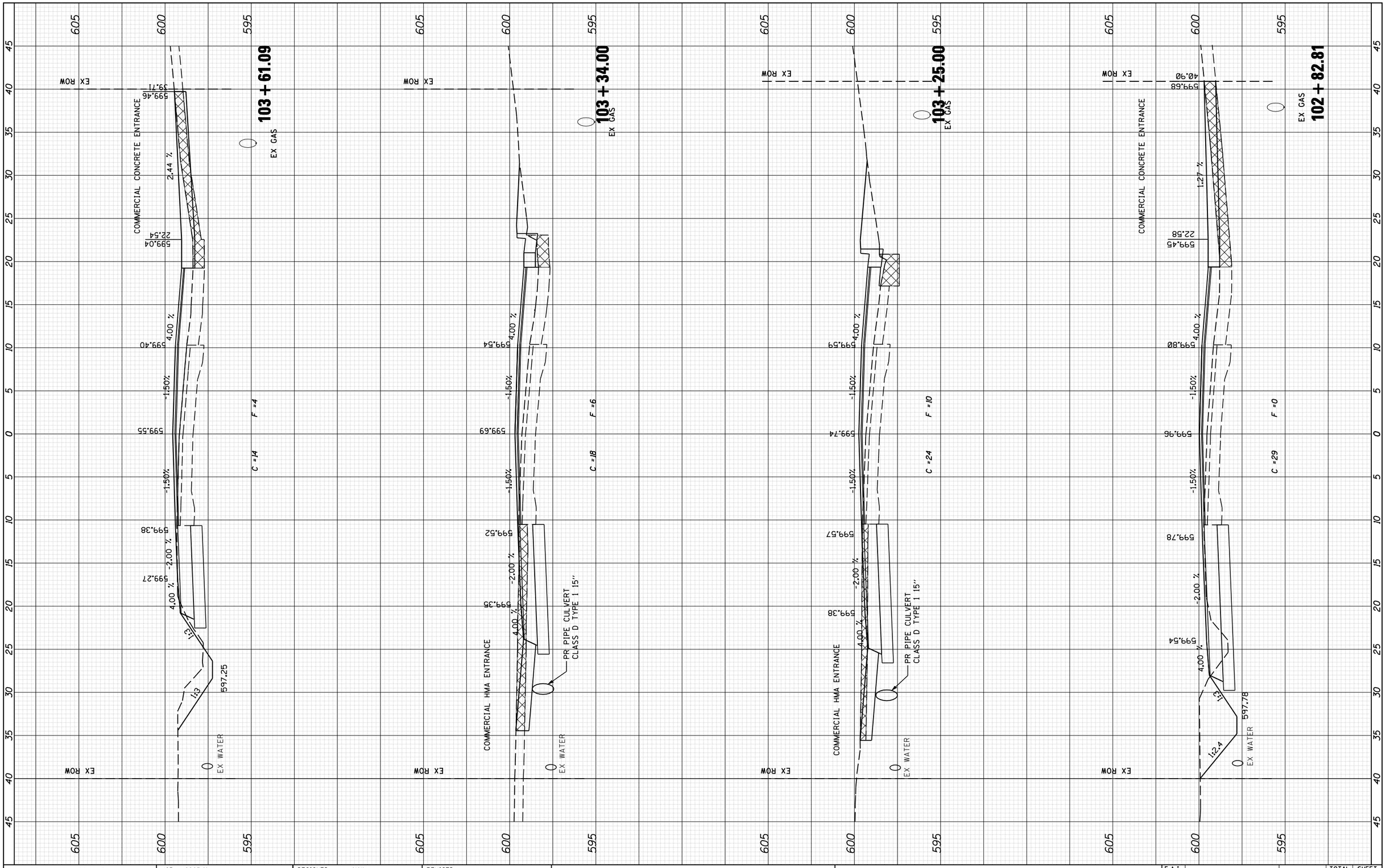
JOB = 2265.11	DESIGNED - NAK	REVISED -
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SBI 126 (6TH ST RD)

SCALE: | SHEET NO. OF SHEETS | STA. 101+30.00 TO STA. 102+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	66
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2265.11	DESIGNED - NAK	REVISED -	
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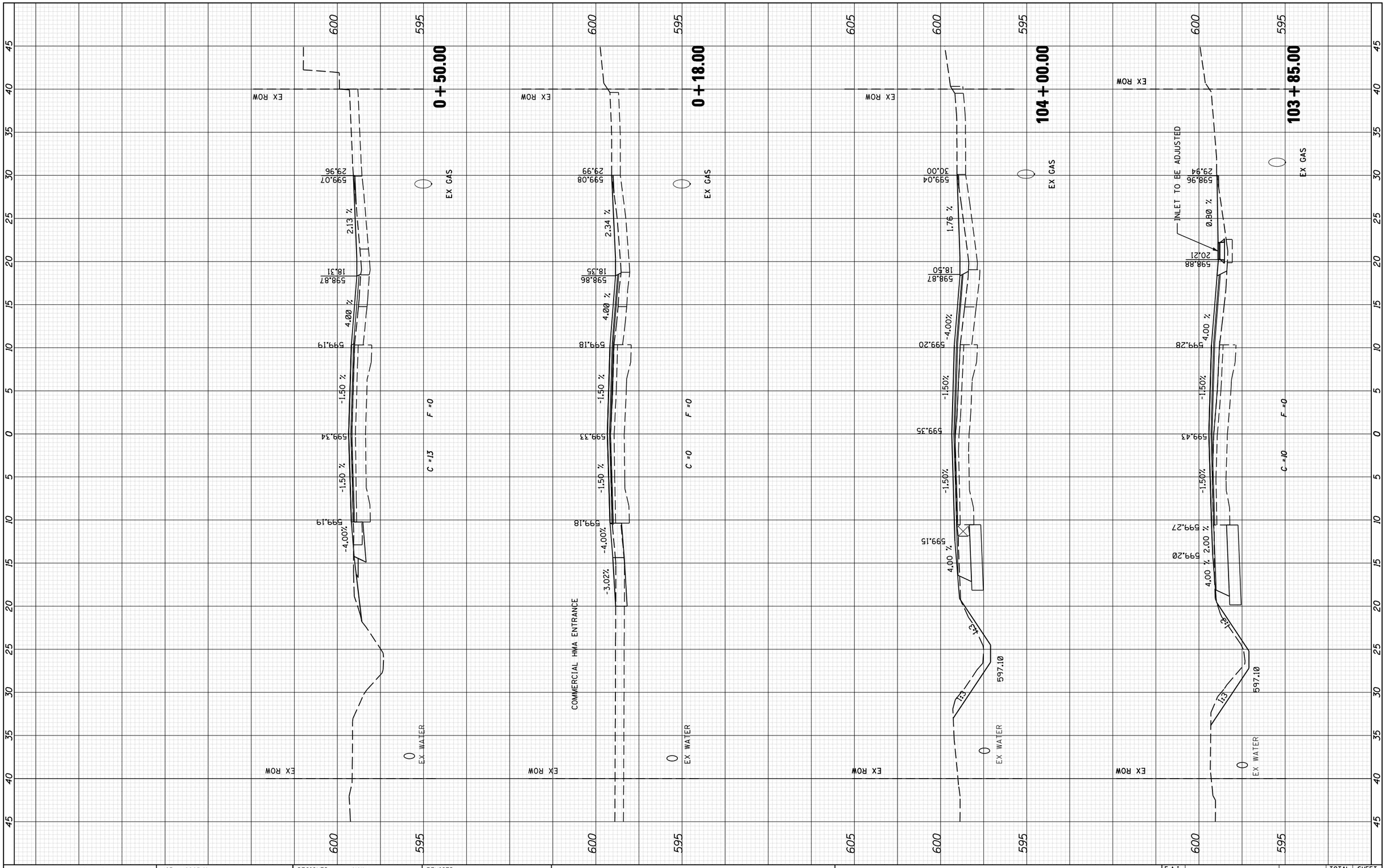
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SBI 126 (6TH ST RD)

SCALE: | SHEET NO. OF SHEETS | STA. 102+82.81 TO STA. 103+61.09

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	67
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

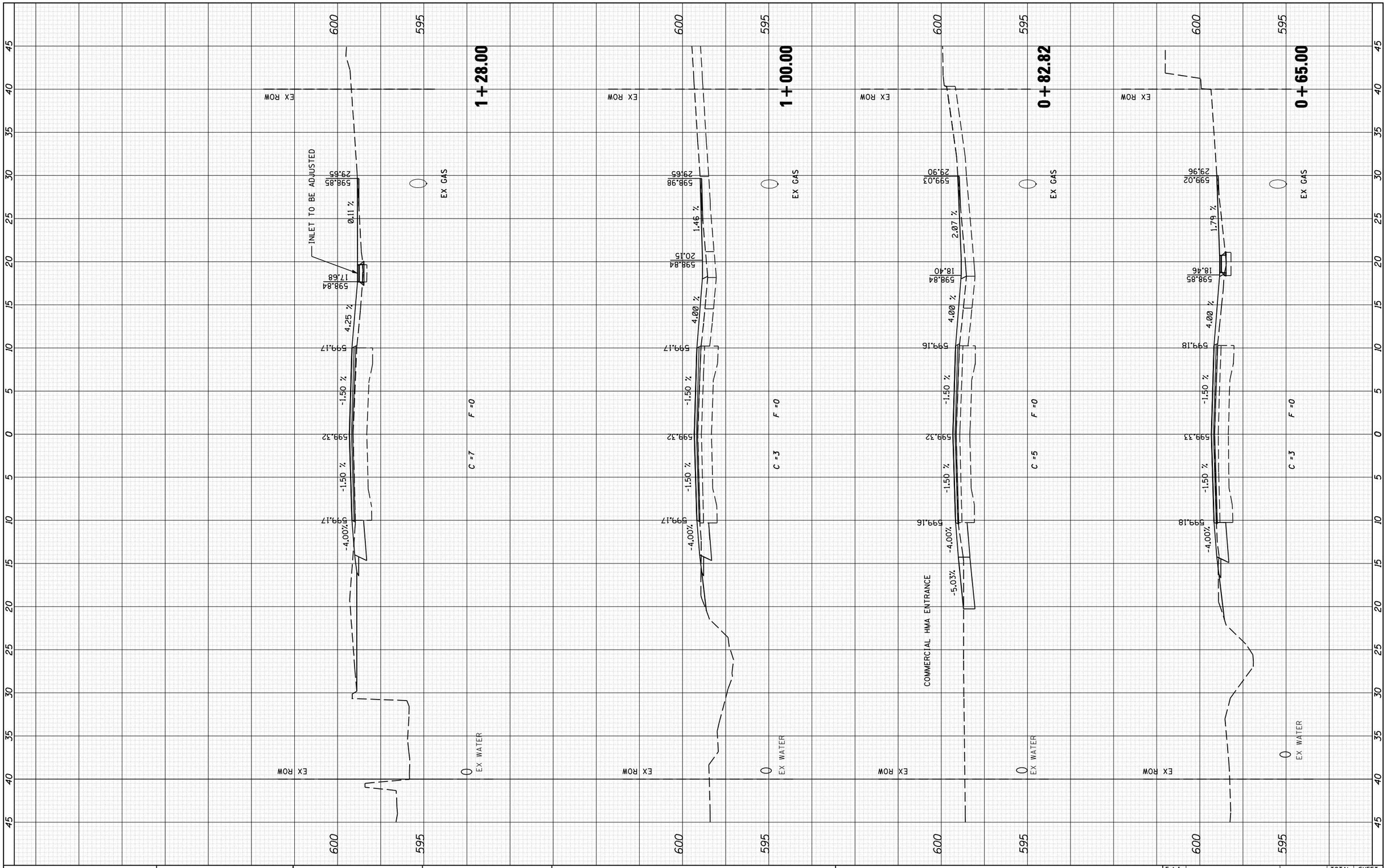
JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NAK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SBI 126 (6TH ST RD)

SCALE: | SHEET NO. OF SHEETS | STA. 103+85.00 TO STA. +50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	68
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

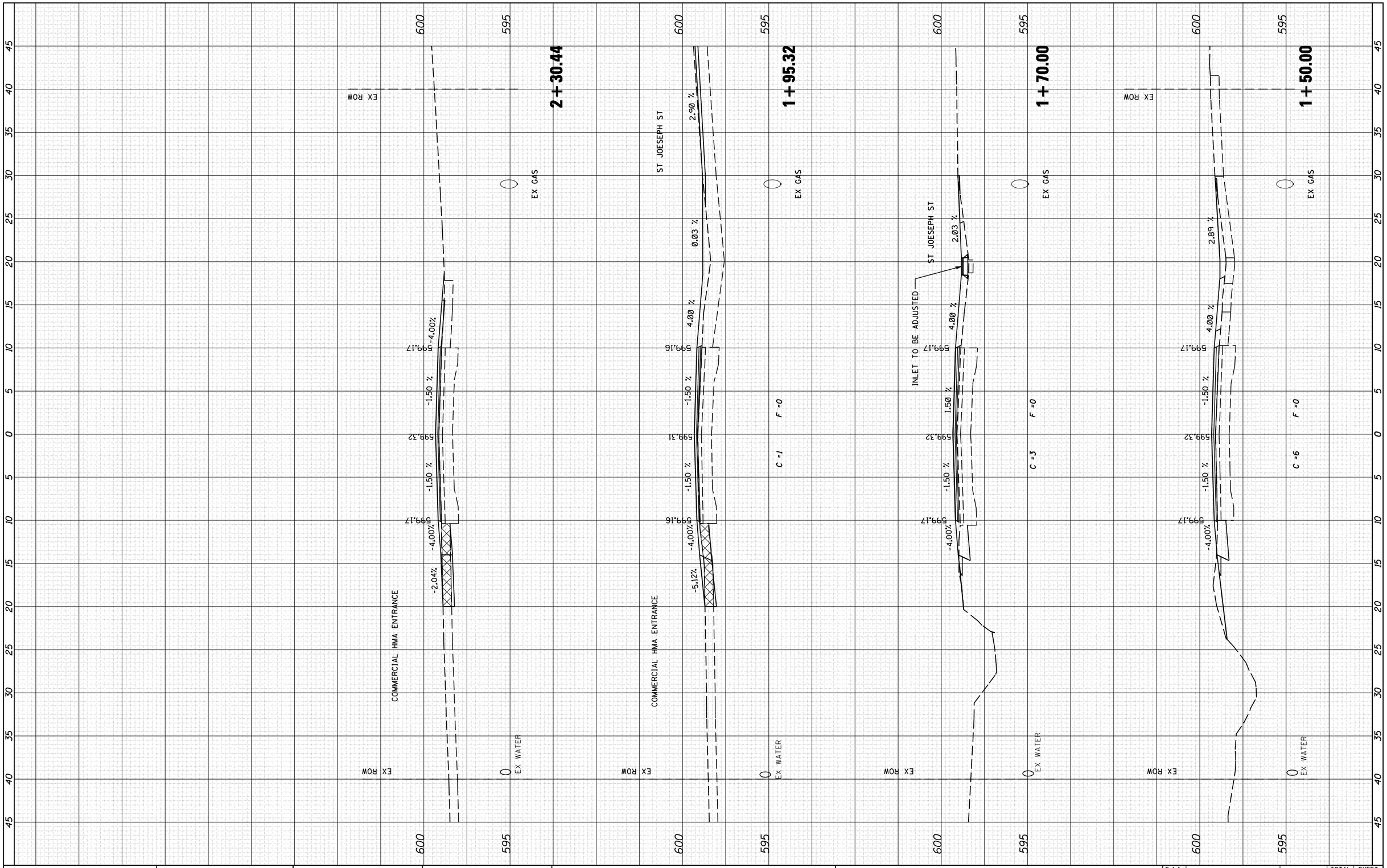
JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NAK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SBI 126 (6TH ST RD)

SCALE: | SHEET NO. OF SHEETS | STA. +65.00 TO STA. 1+28.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	69
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2265.11	DESIGNED - NAK	REVISED -
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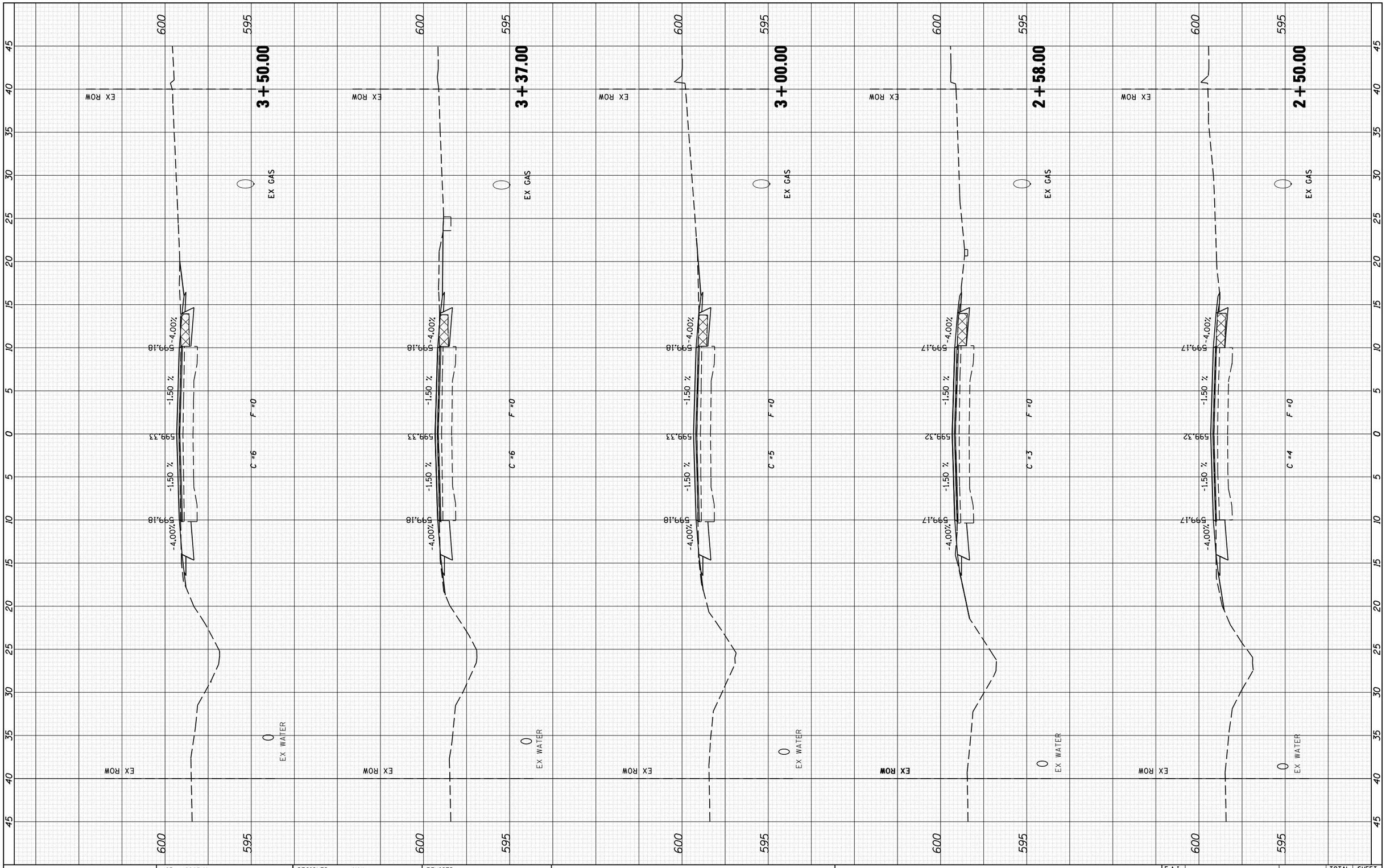
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SBI 126 (6TH ST RD)

SCALE: | SHEET NO. OF SHEETS | STA. 1+50.00 TO STA. 2+30.44

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	70
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

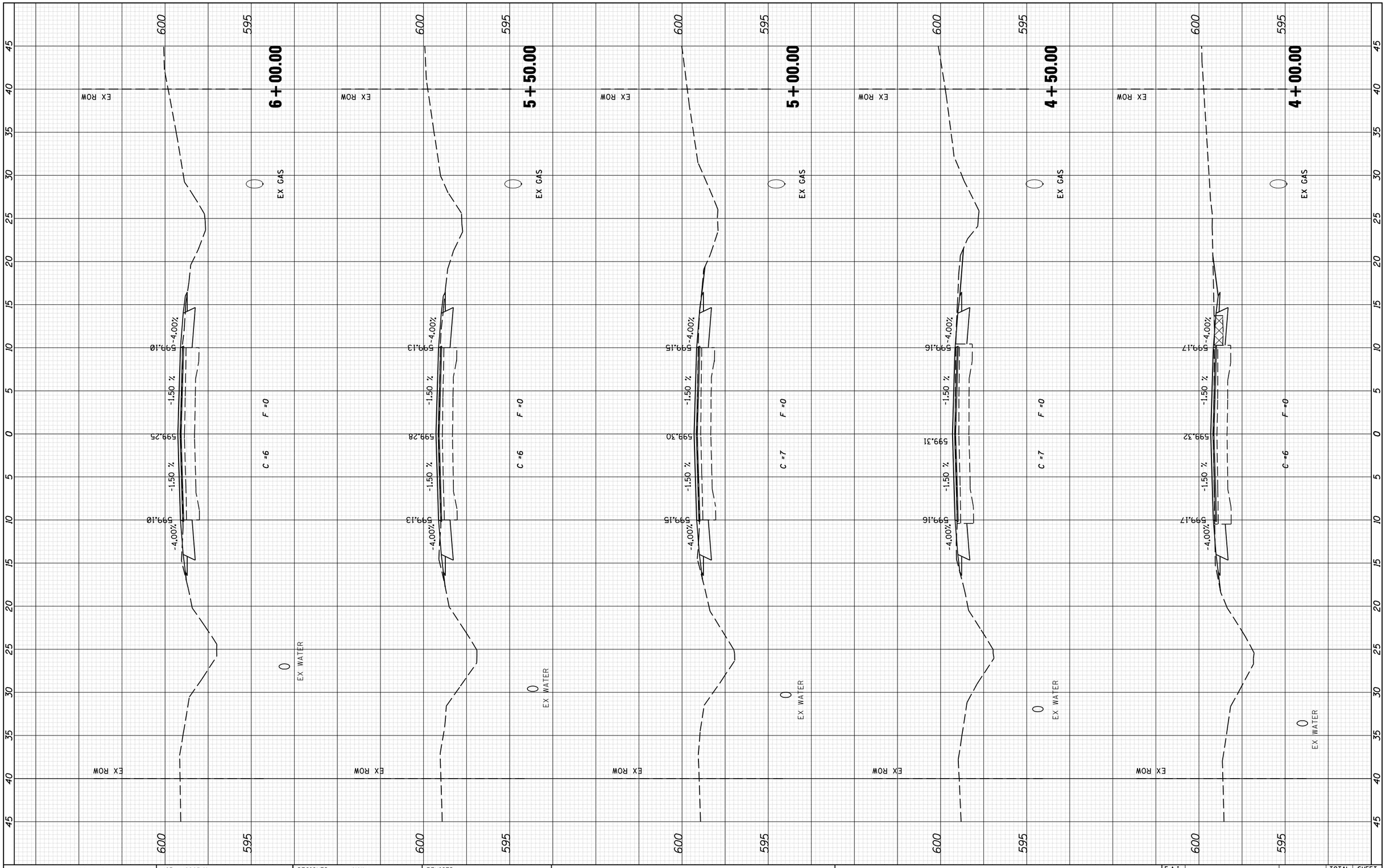
JOB = 2265.11	DESIGNED - NAK	REVISED -
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SBI 126 (6TH ST RD)

SCALE: | SHEET NO. OF SHEETS | STA. 2+50.00 TO STA. 3+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	71
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

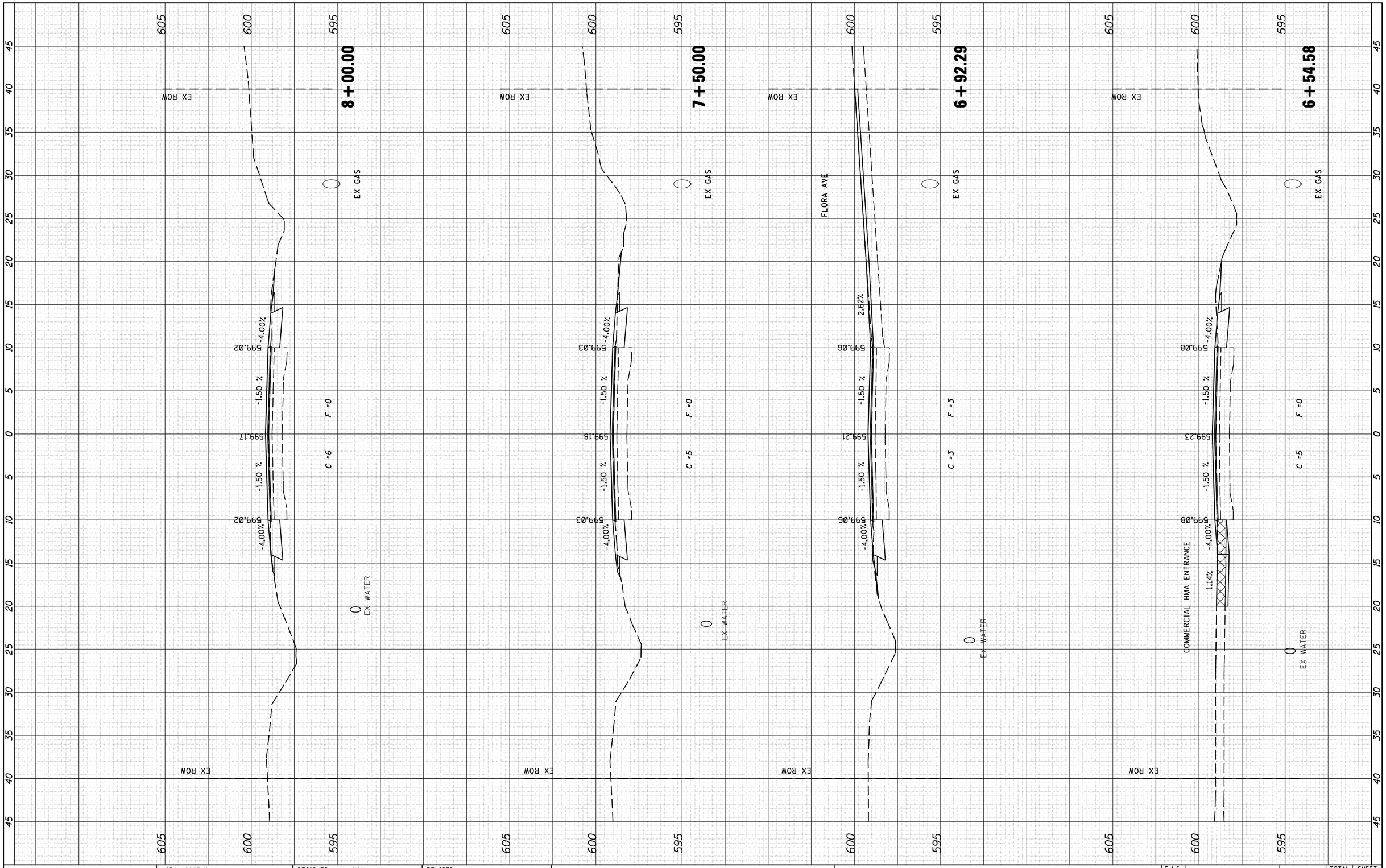
JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NAK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SBI 126 (6TH ST RD)

SCALE: | SHEET NO. OF SHEETS | STA. 4+00.00 TO STA. 6+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	72
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

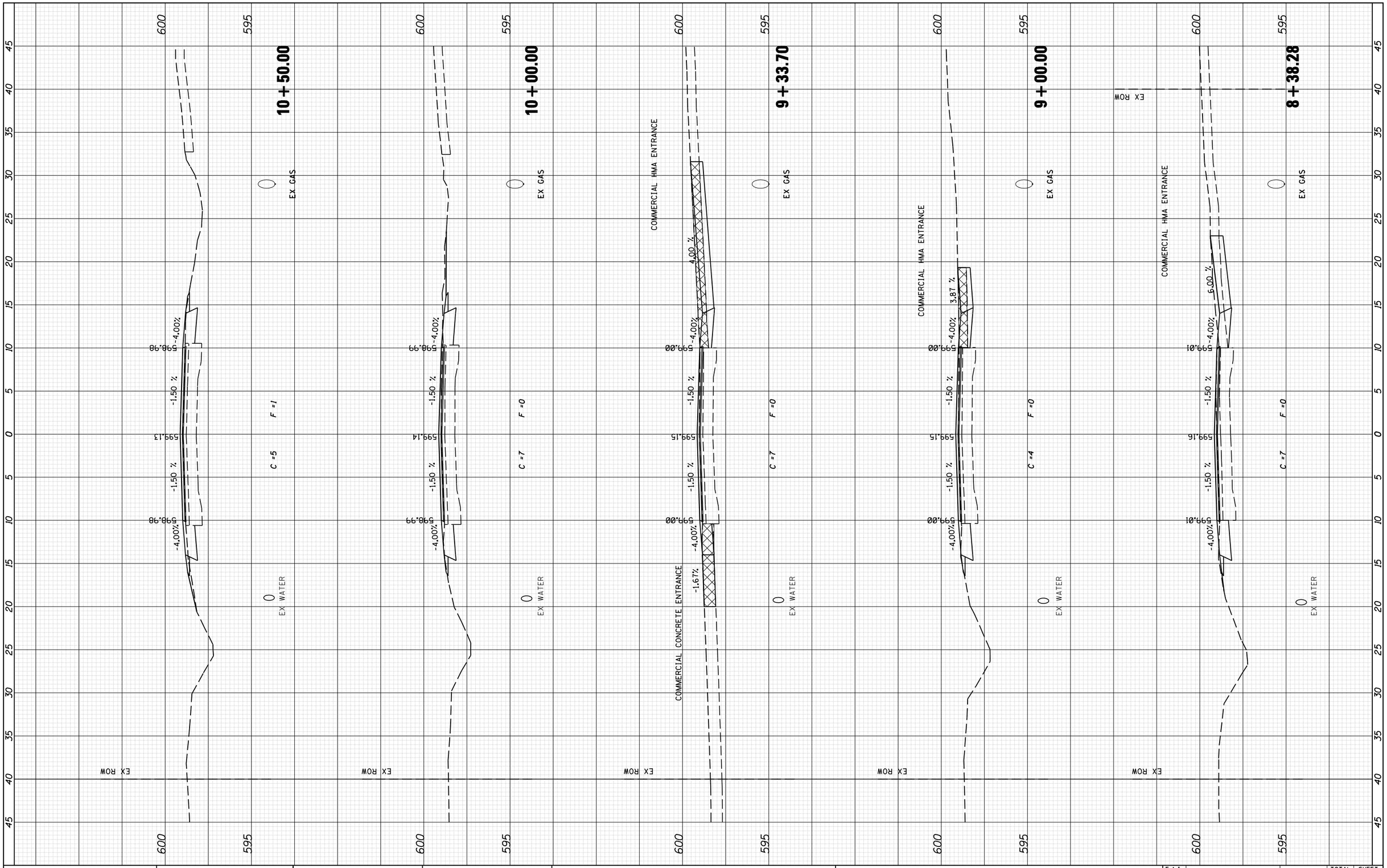
JOB = 2265.11	DESIGNED - NAK	REVISED -
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SBI 126 (6TH ST RD)

SCALE: | SHEET NO. OF SHEETS | STA. 6+54.58 TO STA. 8+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	73
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

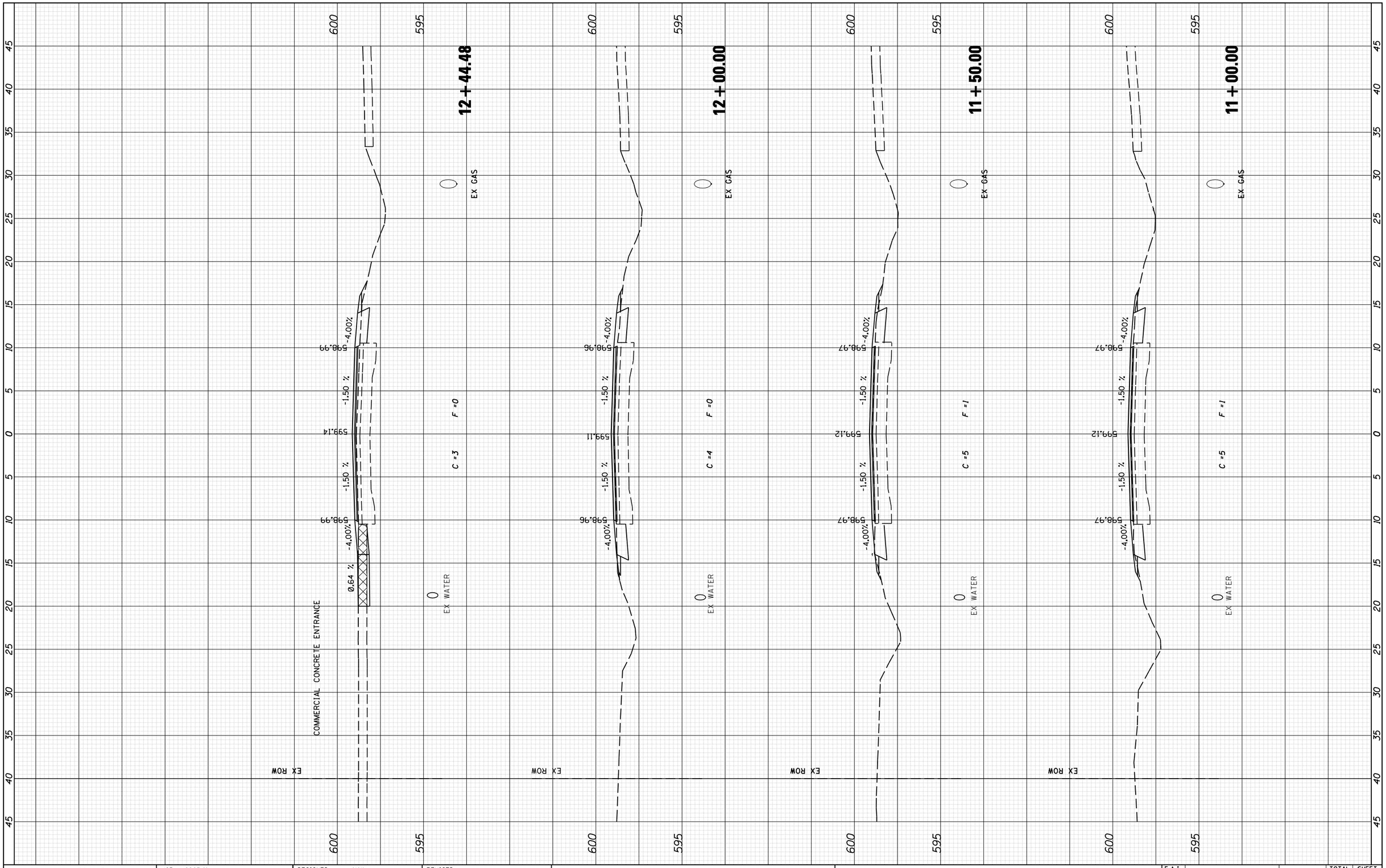
JOB = 2265.11	DESIGNED - NAK	REVISED -
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SBI 126 (6TH ST RD)

SCALE: | SHEET NO. OF SHEETS | STA. 8+38.28 TO STA. 10+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	74
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

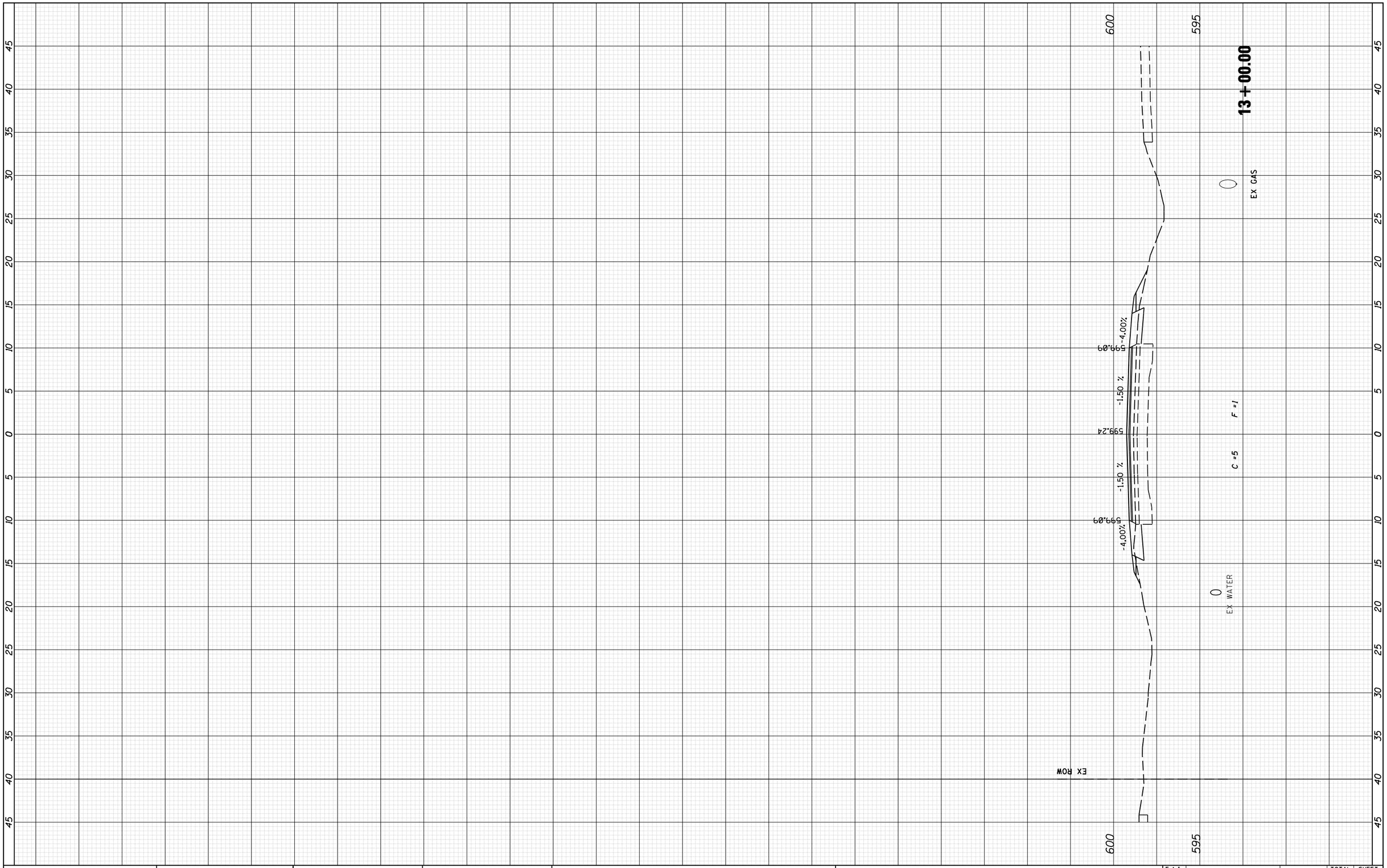
JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NAK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SBI 126 (6TH ST RD)

SCALE: | SHEET NO. OF SHEETS | STA. 11+00.00 TO STA. 12+44.48

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	75
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

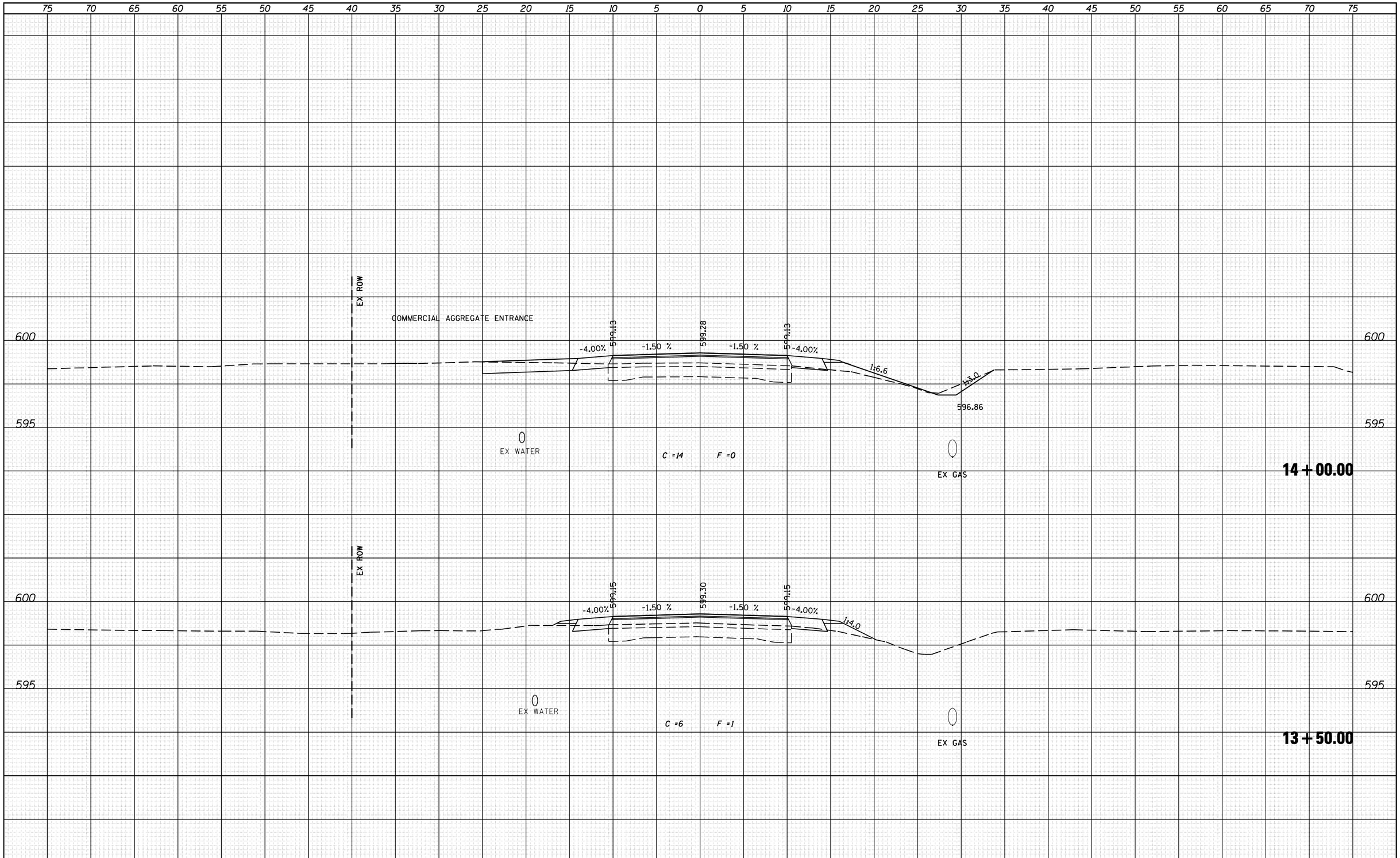
JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NAK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SBI 126 (6TH ST RD)

SCALE: | SHEET NO. OF SHEETS | STA. 13+00.00 TO STA. 13+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	76
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NSK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -	

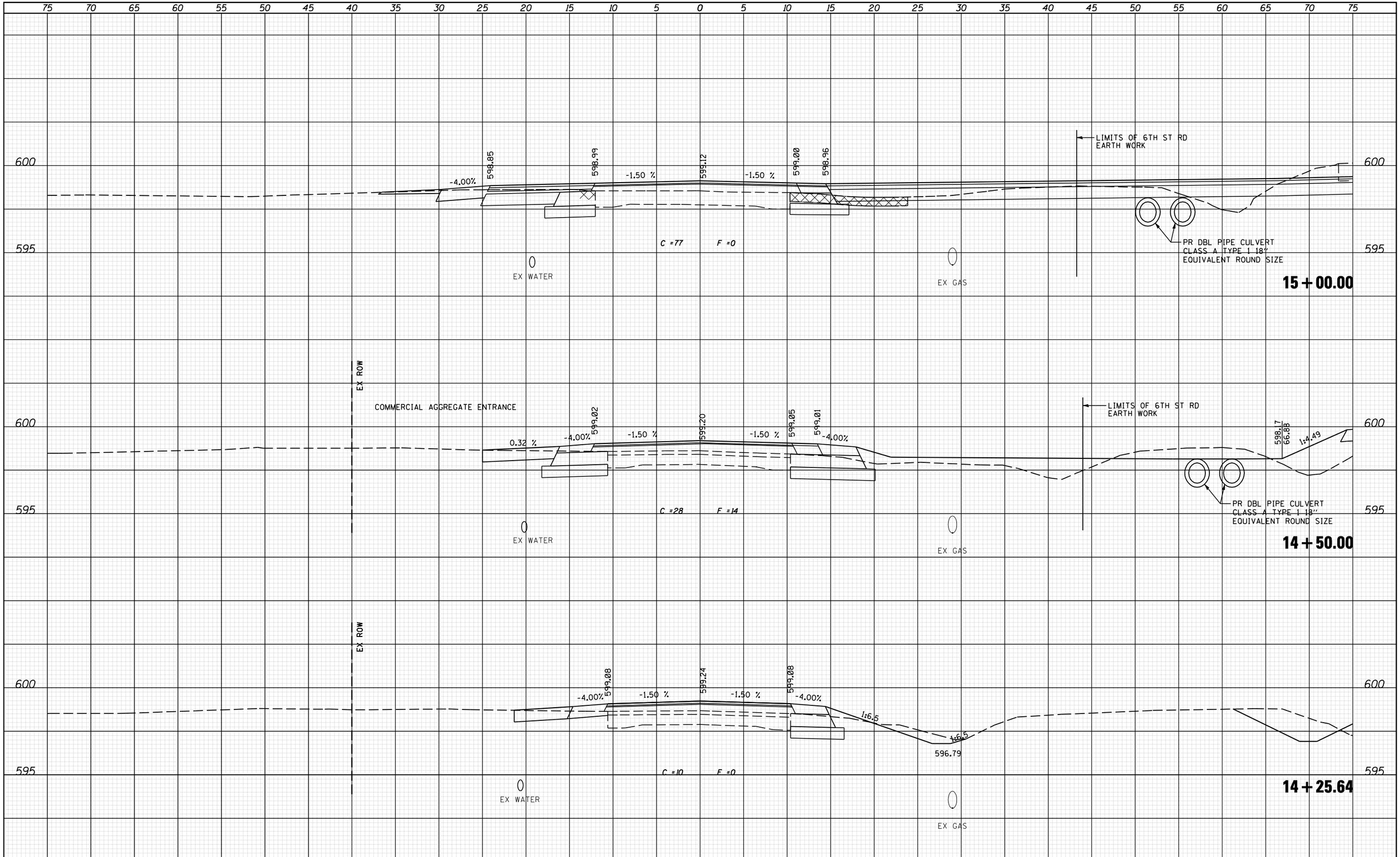
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SBI 126 (6TH ST RD)

SCALE: | SHEET NO. OF SHEETS | STA. 13+50.00 TO STA. 14+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	77
		CONTRACT NO. 72F74		

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NSK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -	

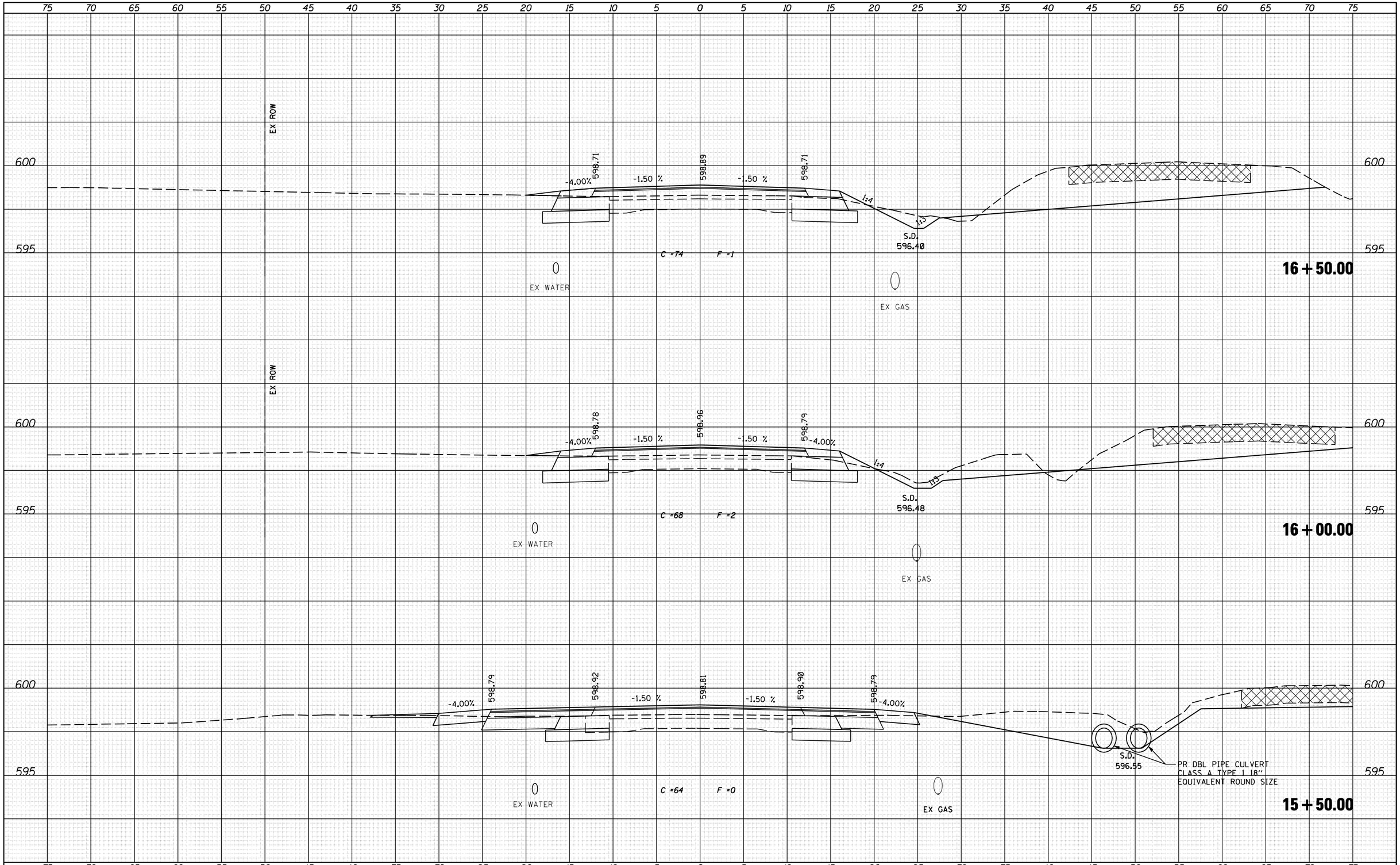
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SBI 126 (6TH ST RD)

SCALE: | SHEET NO. OF SHEETS | STA. 14+25.64 TO STA. 15+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	78
		CONTRACT NO. 72F74		

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NSK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -	

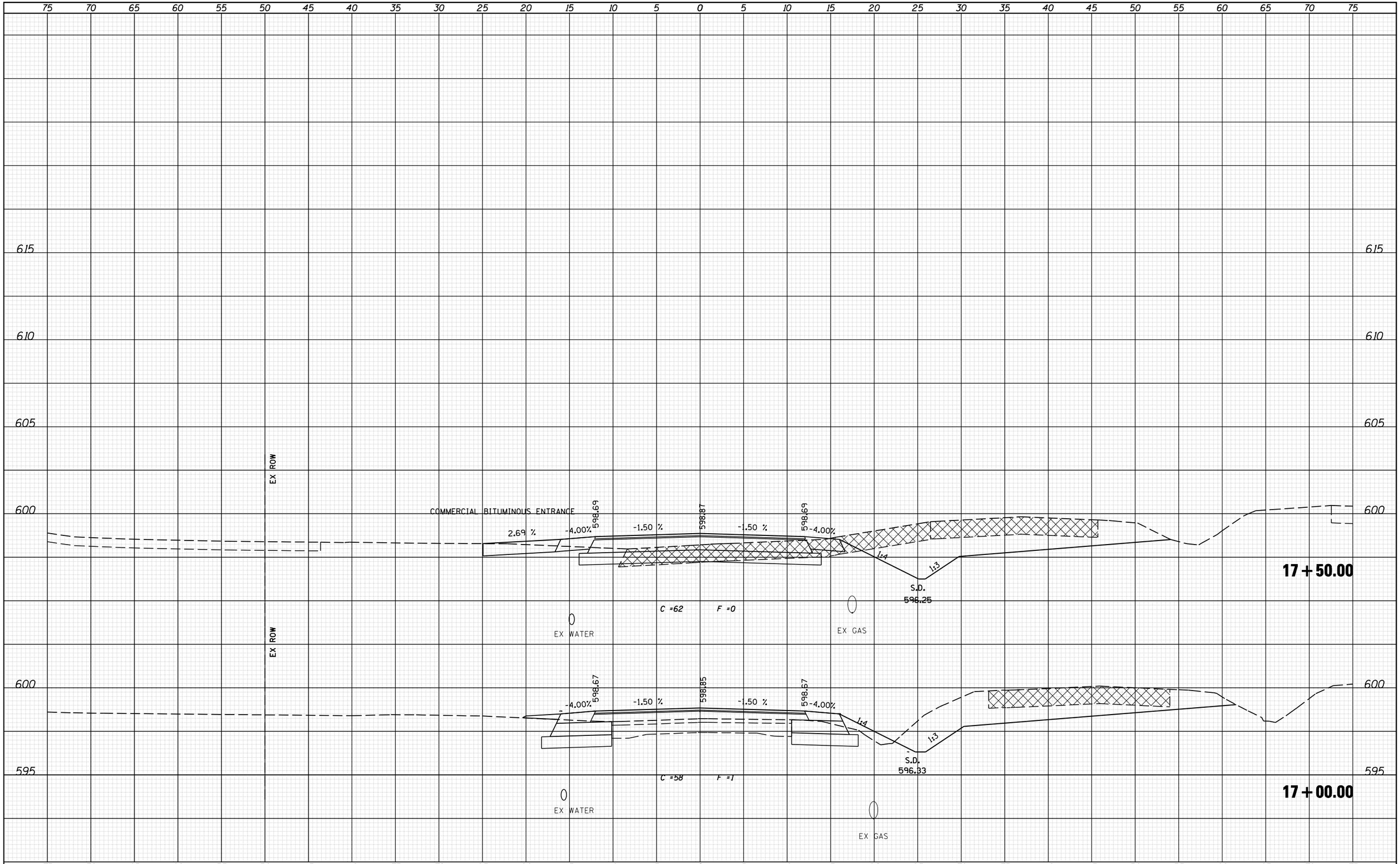
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SBI 126 (6TH ST RD)

SCALE: | SHEET NO. OF SHEETS | STA. 15+50.00 TO STA. 16+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	79
		CONTRACT NO. 72F74		

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NSK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -	

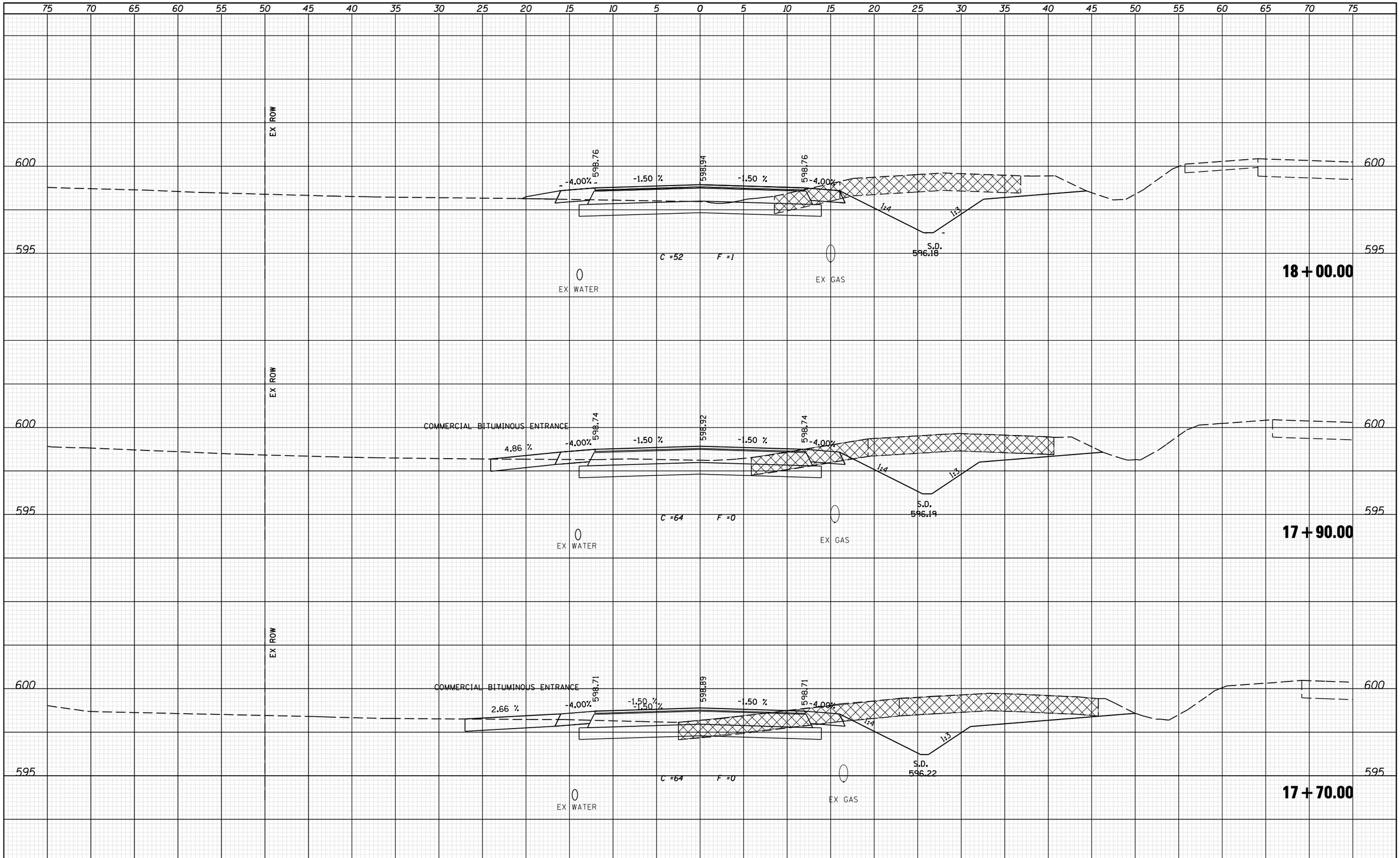
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SBI 126 (6TH ST RD)

SCALE: | SHEET NO. OF SHEETS | STA. 17+00.00 TO STA. 17+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	80
		CONTRACT NO. 72F74		

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NSK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

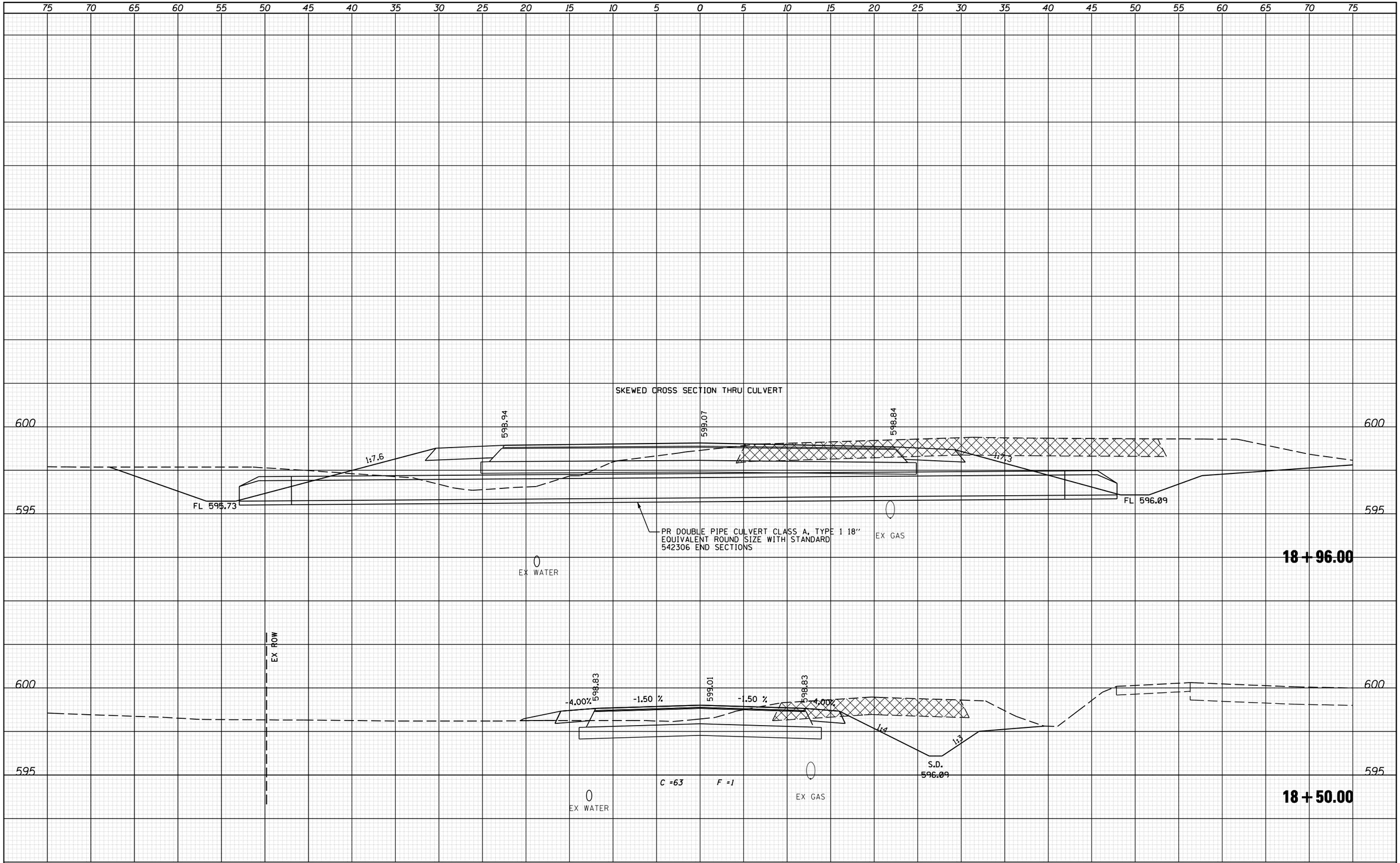
SBI 126 (6TH ST RD)

SCALE: | SHEET NO. OF SHEETS | STA. 17+70.00 TO STA. 18+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	81
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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



CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NSK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -	

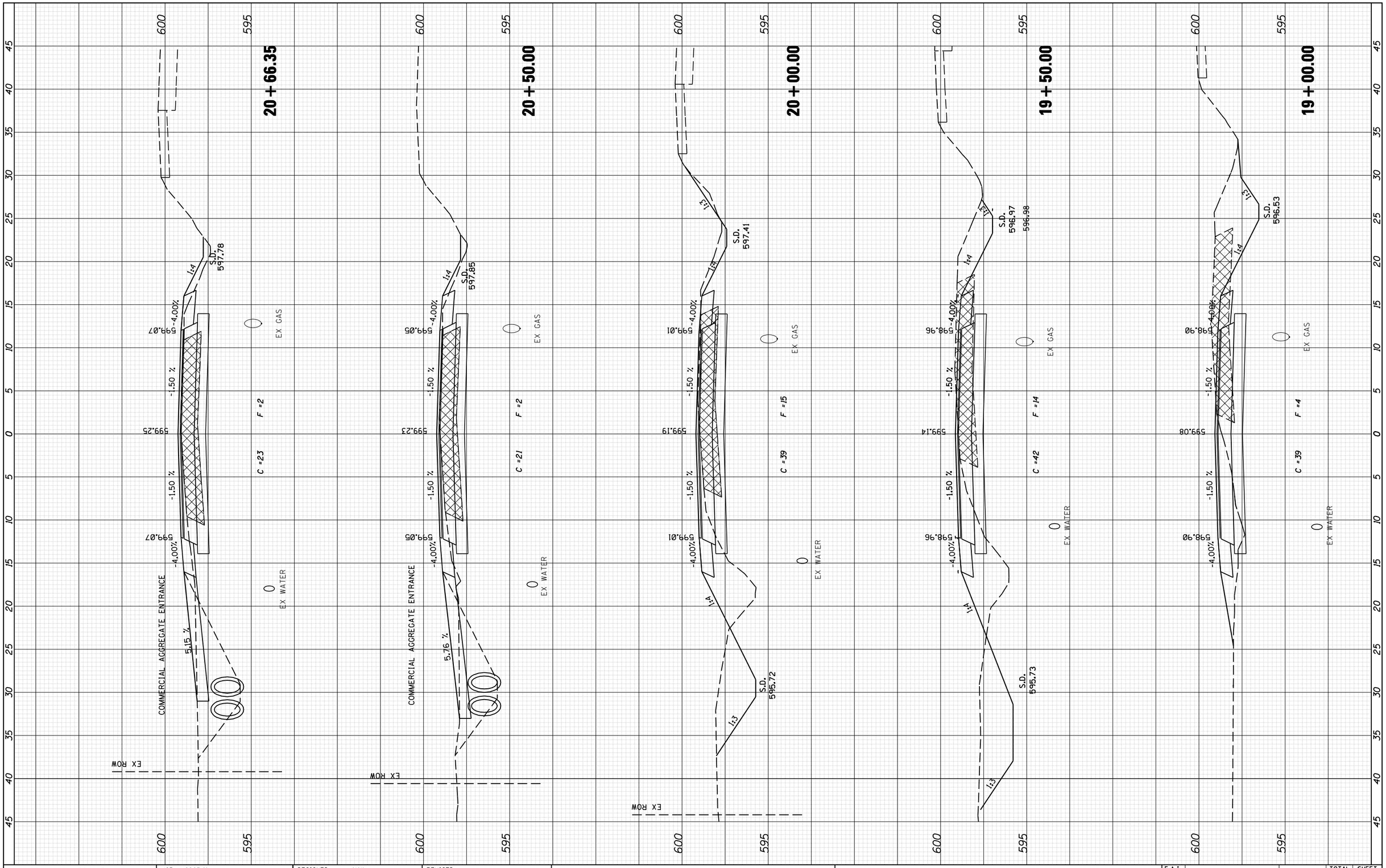
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SBI 126 (6TH ST RD)

SCALE: | SHEET NO. OF SHEETS | STA. 18+50.00 TO STA. 18+96.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	82
		CONTRACT NO. 72F74		

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

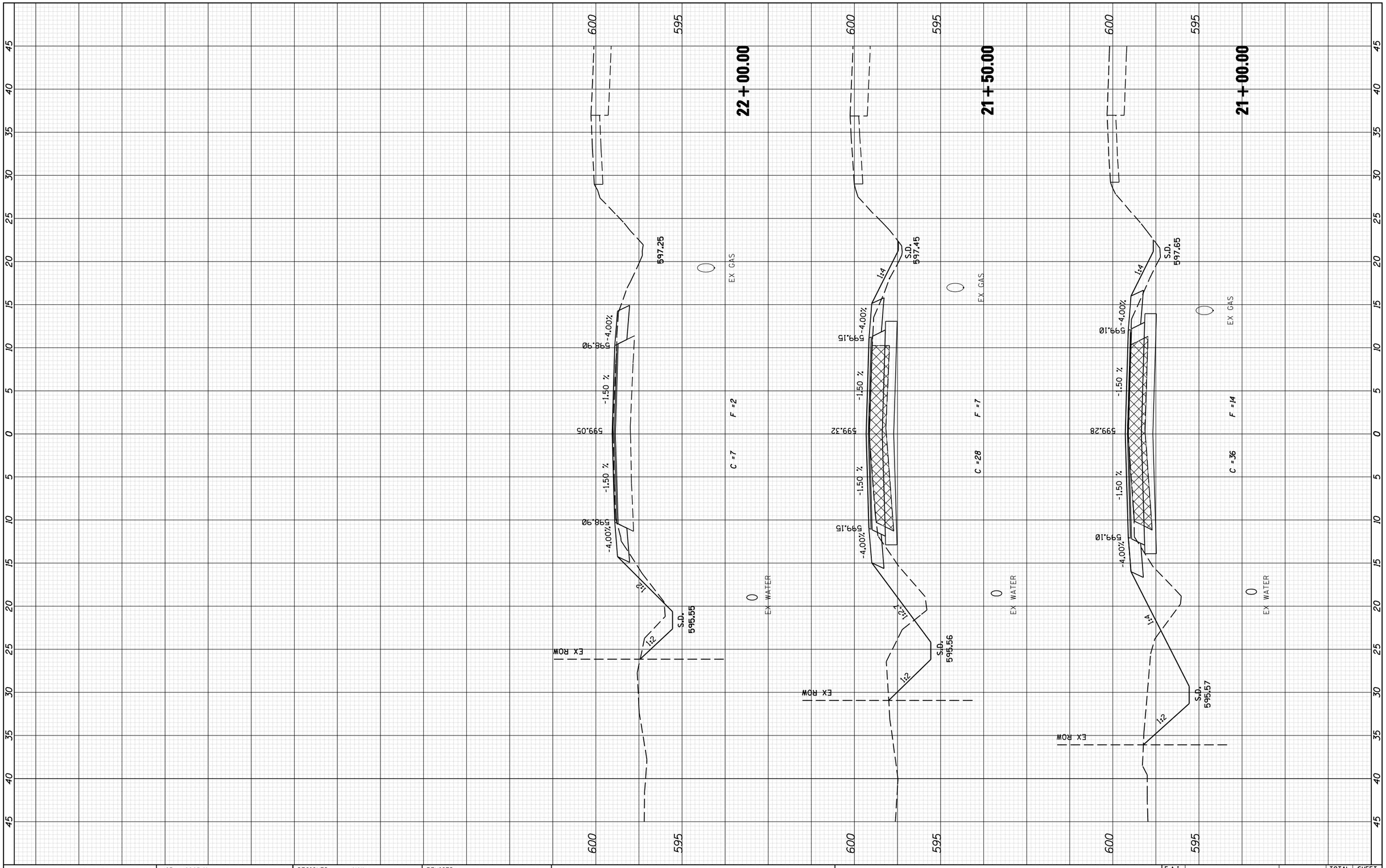
JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NAK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SBI 126 (6TH ST RD)

SCALE: | SHEET NO. OF SHEETS | STA. 19+00.00 TO STA. 20+66.35

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	83
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

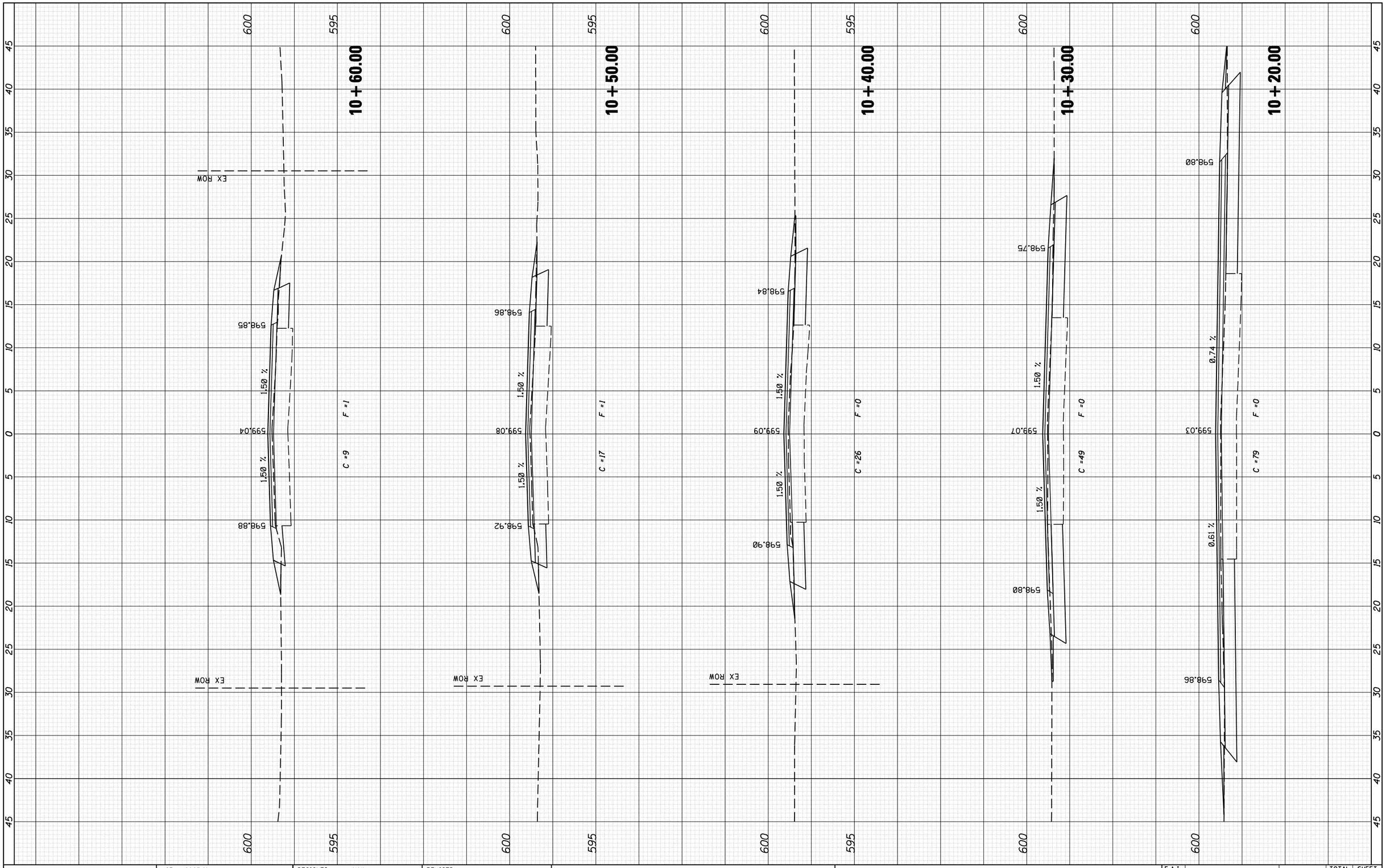
JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NAK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SBI 126 (6TH ST RD)

SCALE: | SHEET NO. OF SHEETS | STA. 21+00.00 TO STA. 22+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	84
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

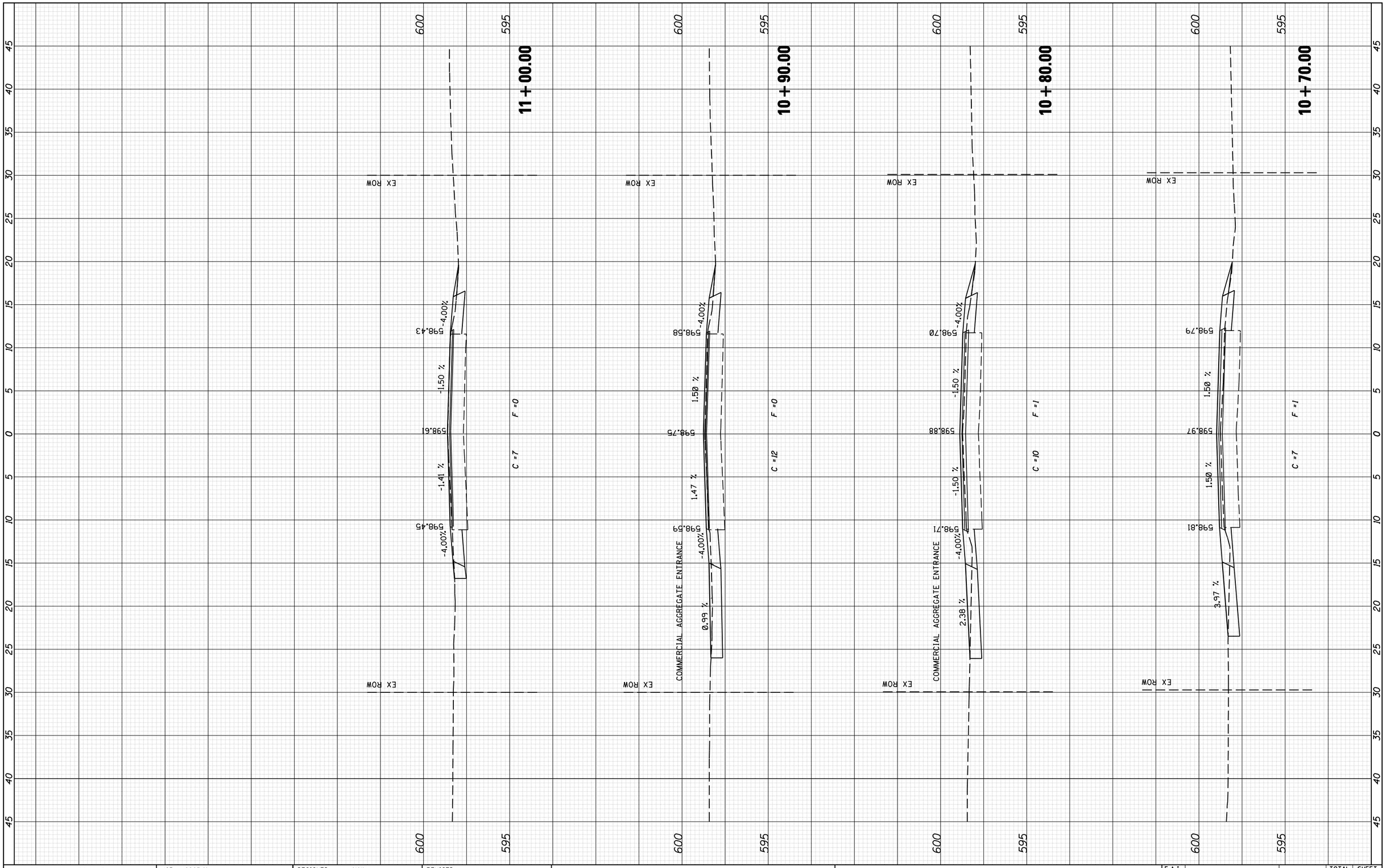
JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NAK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRAIGHT ST

SCALE: | SHEET NO. OF SHEETS | STA. 10+20.00 TO STA. 10+60.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	85
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

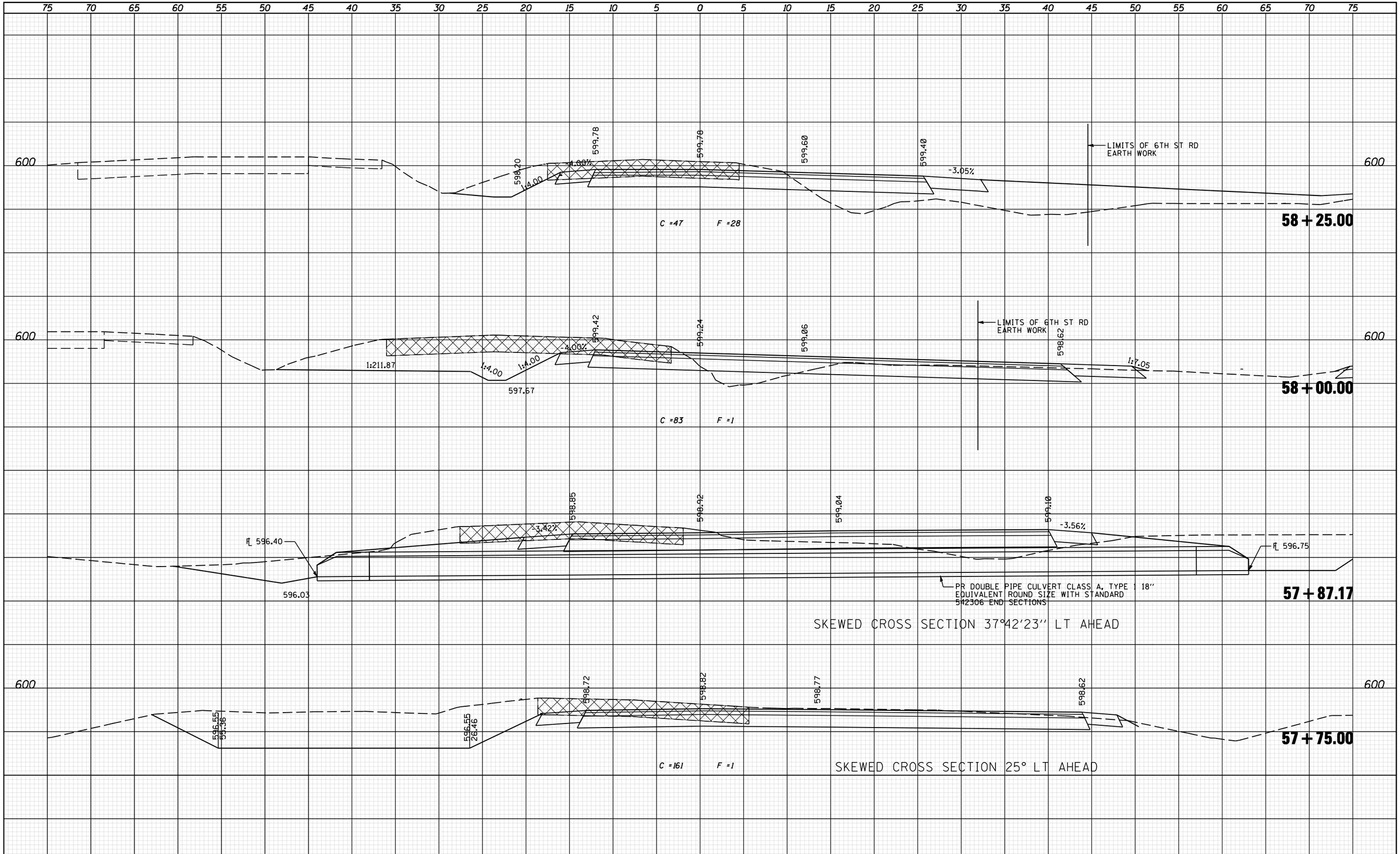
JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NAK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRAIGHT ST

SCALE: | SHEET NO. OF SHEETS | STA. 10+70.00 TO STA. 11+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	86
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NSK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

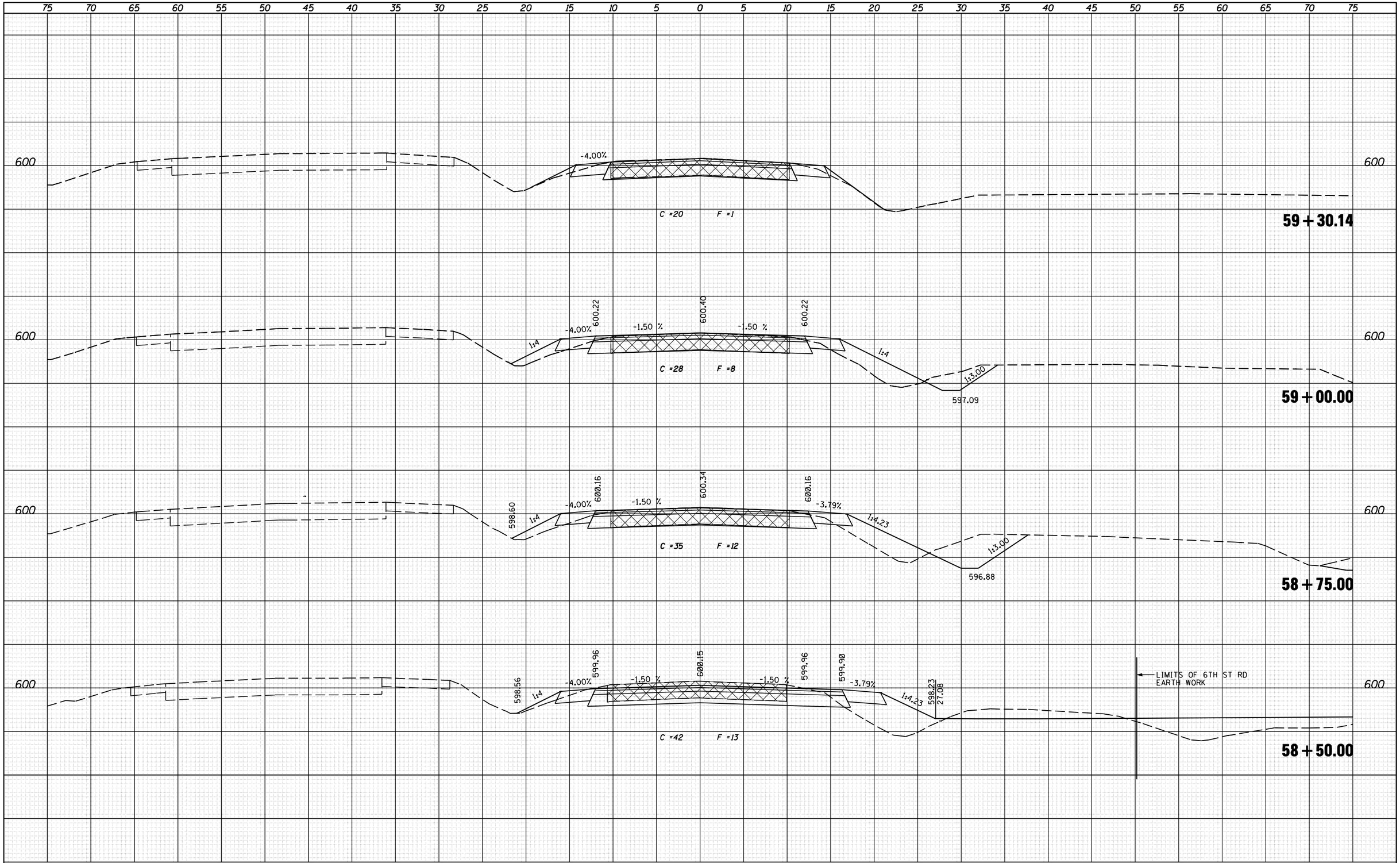
FRONTAGE RD

SCALE: | SHEET NO. OF SHEETS | STA. 57+75.00 TO STA. 58+25.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	87

CONTRACT NO. 72F74

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NSK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -	

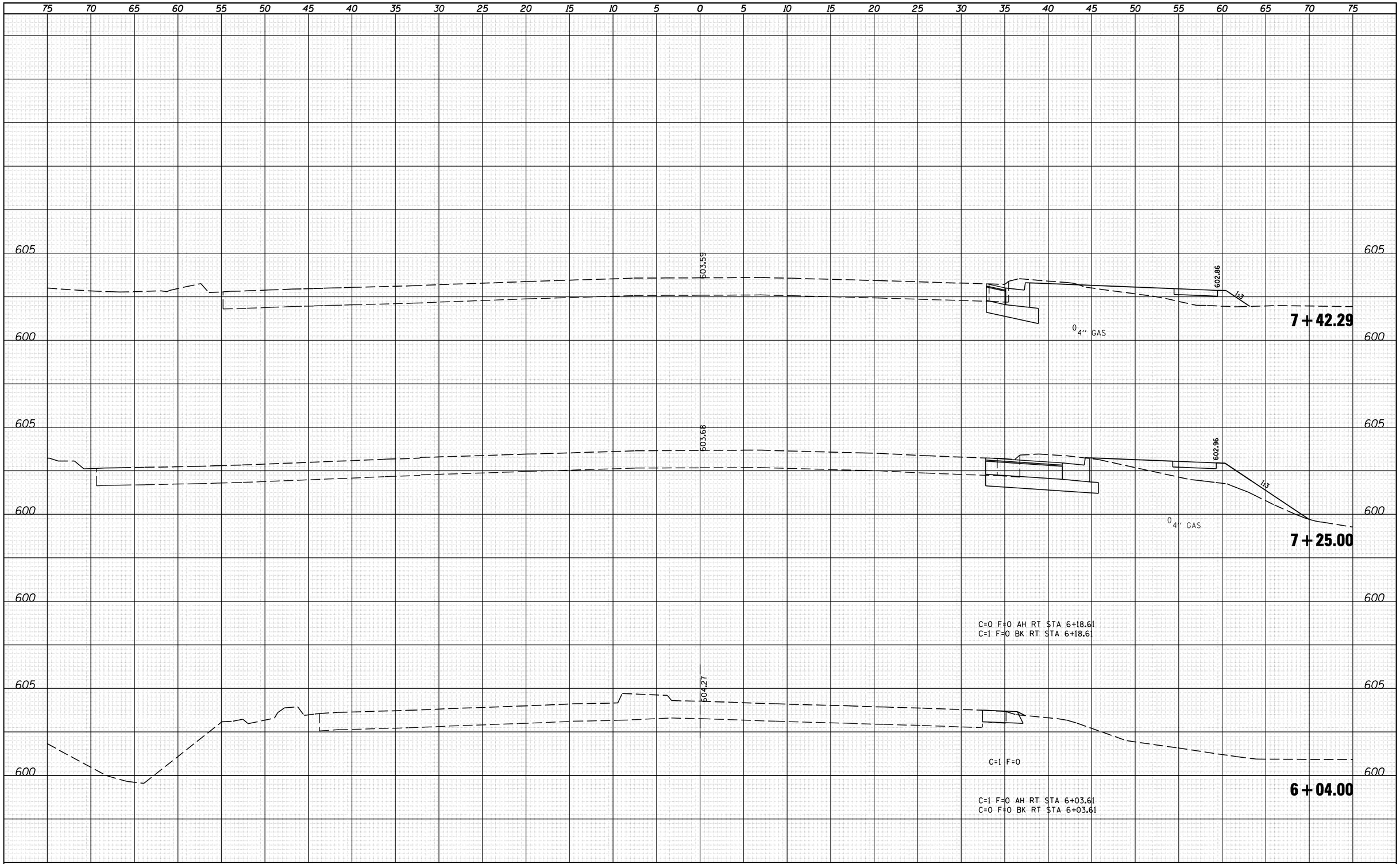
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FRONTAGE RD

SCALE: | SHEET NO. OF SHEETS | STA. 58+50.00 TO STA. 59+30.14

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	88
		CONTRACT NO. 72F74		

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

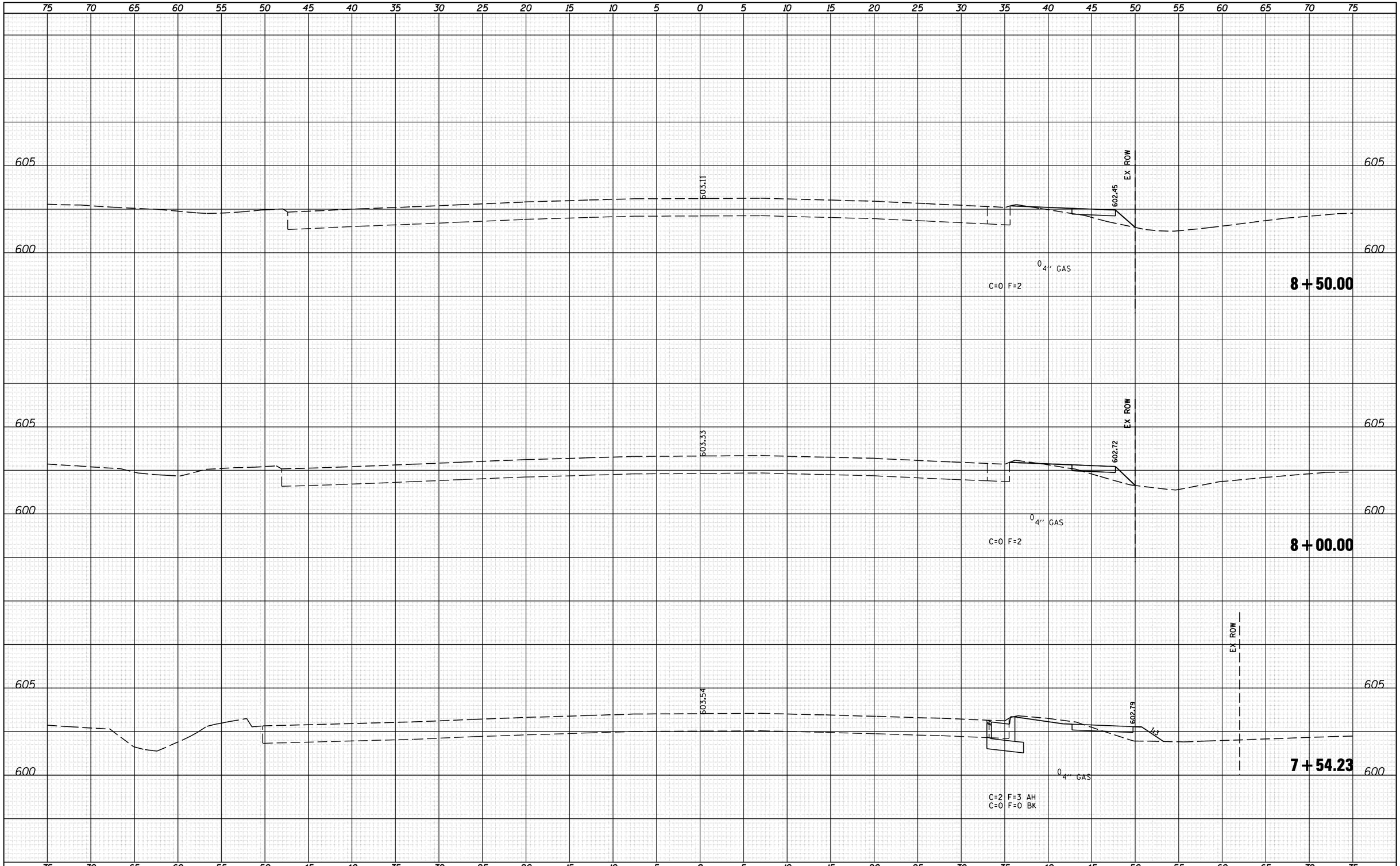
JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NSK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STEVENSON DRIVE

SCALE: | SHEET NO. OF SHEETS | STA. 6+04.00 TO STA. 7+42.29

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	89
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NSK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -	

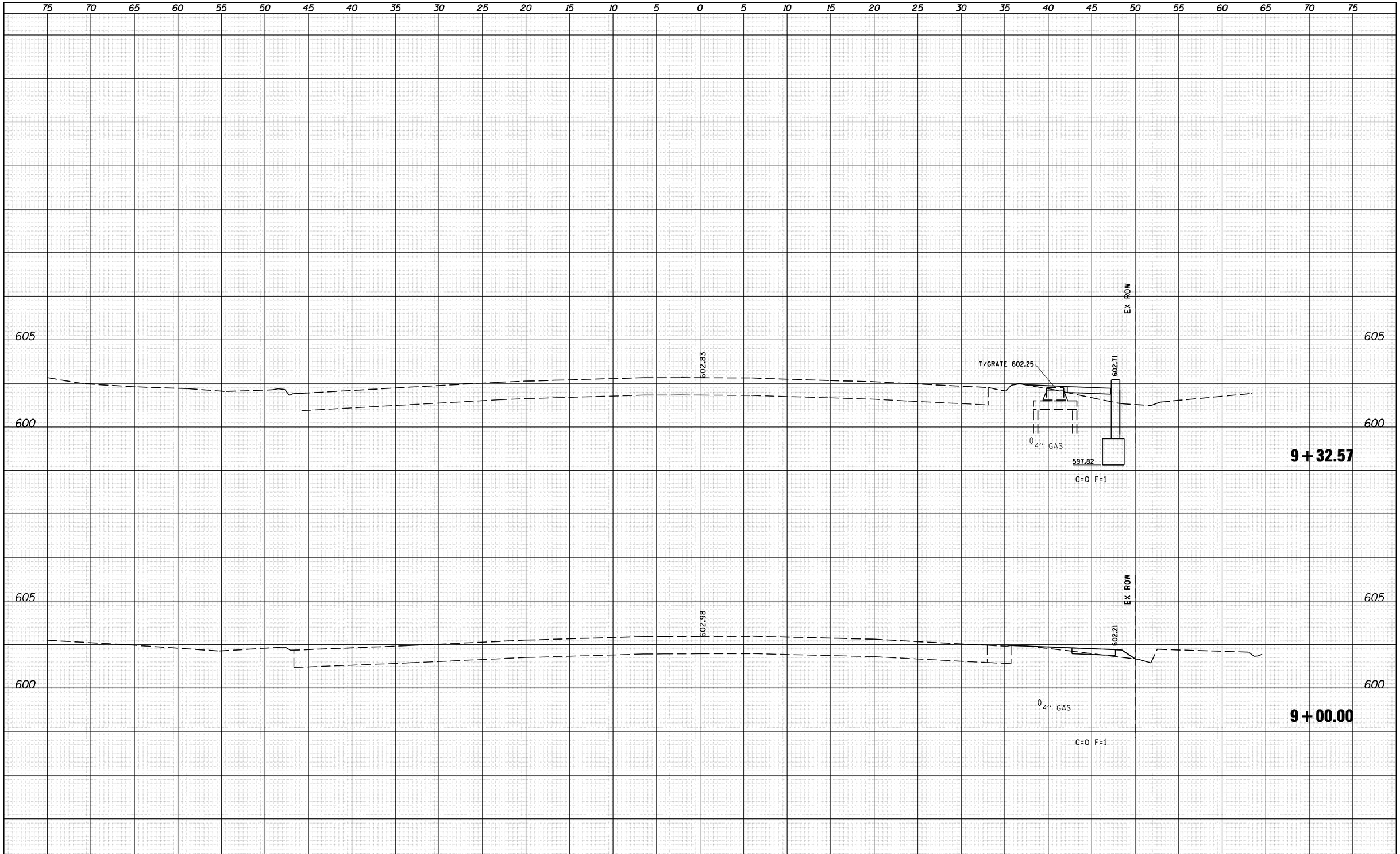
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STEVENSON DRIVE

SCALE: | SHEET NO. OF SHEETS | STA. 7+54.23 TO STA. 8+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	90
		CONTRACT NO. 72F74		

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -	
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PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

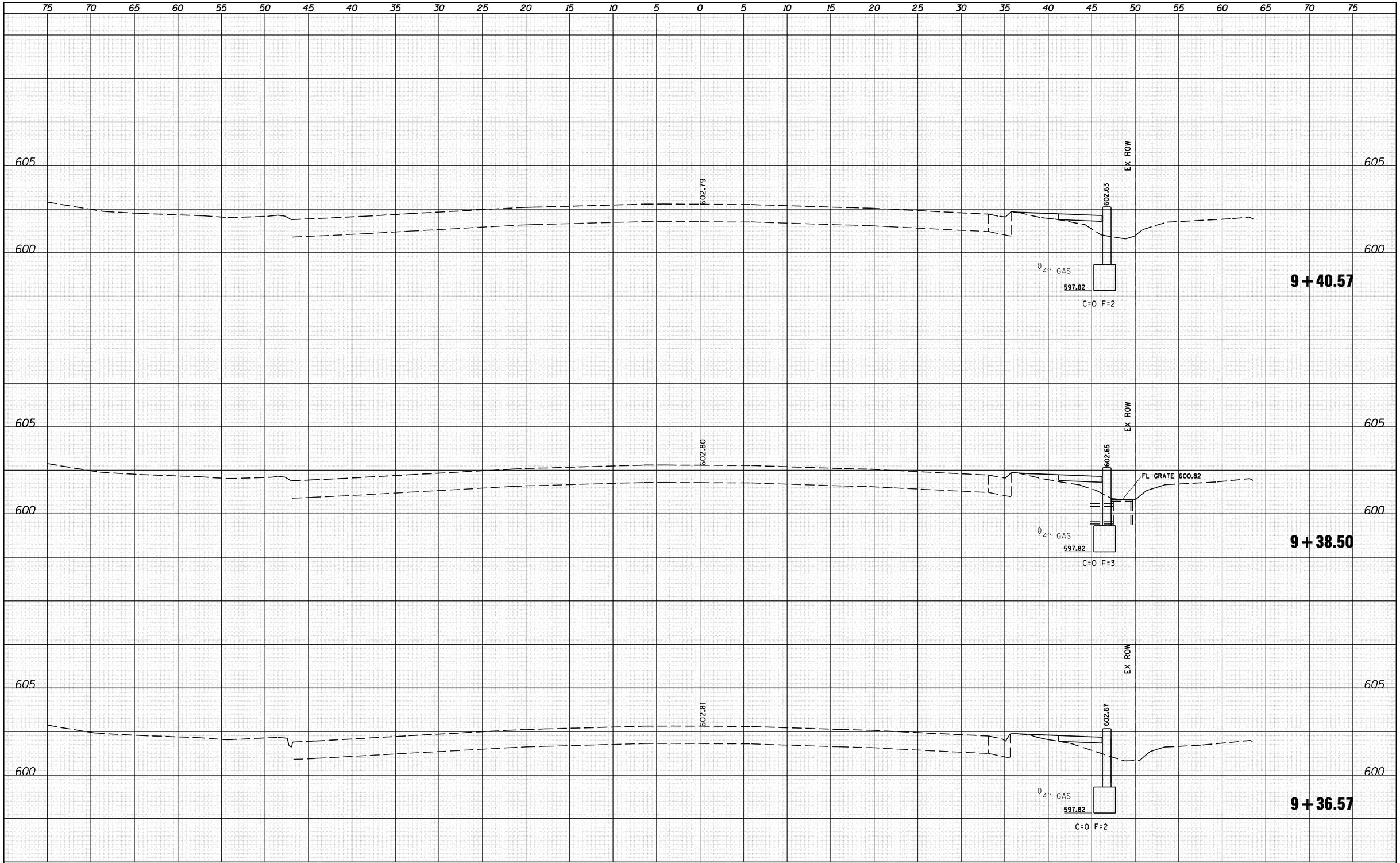
STEVENSON DRIVE

SCALE: | SHEET NO. OF SHEETS | STA. 9+00.00 TO STA. 9+32.57

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	91

CONTRACT NO. 72F74

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

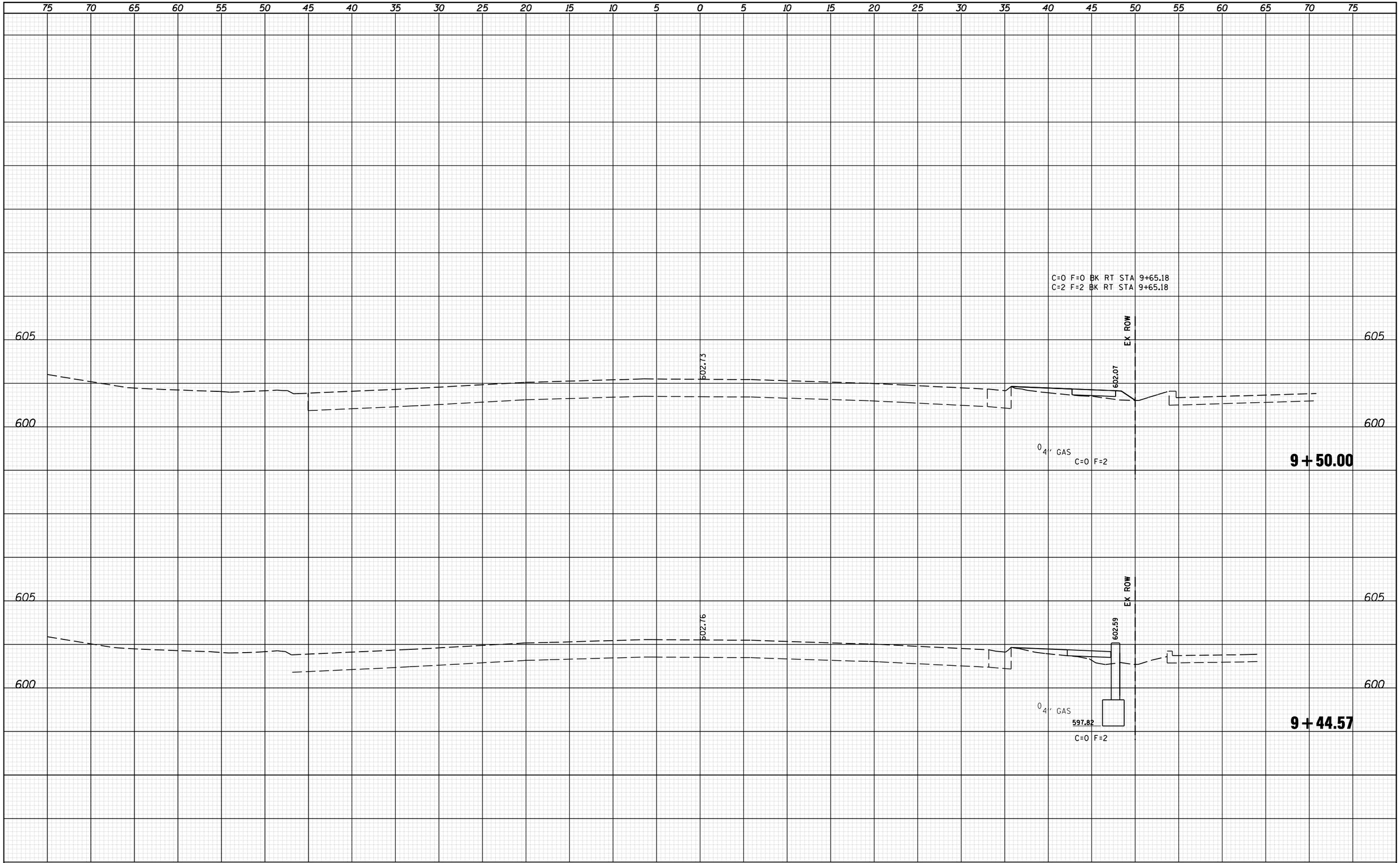
JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NSK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STEVENSON DRIVE

SCALE: | SHEET NO. OF SHEETS | STA. 9+36.57 TO STA. 9+40.57

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	92
		CONTRACT NO. 72F74		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2265.11	DESIGNED - NAK	REVISED -	
FILE NAME = D672F74-sht-xs.dgn	DRAWN - SJS	REVISED -	
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NSK	REVISED -	
PLOT DATE = 2/4/2013	DATE - 11/27/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STEVENSON DRIVE

SCALE: | SHEET NO. OF SHEETS | STA. 9+44.57 TO STA. 9+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110) I-2	SANGAMON	93	93
		CONTRACT NO. 72F74		

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT