

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4th ST	05-00014-00-BR	HANCOCK	20	1
STA. 12+50 TO STA. 15+16.90		FED. ROAD DIST. ILLINOIS FED. AID PROJECT		

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
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7	PLAN AND PROFILE
8-11	CROSS SECTIONS
12	CULVERT GENERAL PLAN & ELEVATION
13	CULVERT LAYOUT
14	CULVERT DETAILS
15	WINGWALL DETAILS
16	MISC CULVERT DETAILS
17-19	MISC CONSTRUCTION DETAILS
20	TEMPORARY ACCESS SIDEWALK DETAILS

PLAN	DATE
BY	
CHECKED	
DATE	
NO. OF SHEETS	
NO. OF SHEETS CHECKED	
NO. OF SHEETS NOT CHECKED	
NO. OF SHEETS NOT CHECKED	

PROFILE	DATE
BY	
CHECKED	
DATE	
NO. OF SHEETS	
NO. OF SHEETS CHECKED	
NO. OF SHEETS NOT CHECKED	
NO. OF SHEETS NOT CHECKED	

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

PLANS FOR PROPOSED HIGHWAY BRIDGE PROGRAM

4TH STREET
SECTION 05-00014-00-BR
DALLAS CITY - HANCOCK COUNTY
PROJECT NO. BROS-0067(136)
JOB NO. C-96-218-09

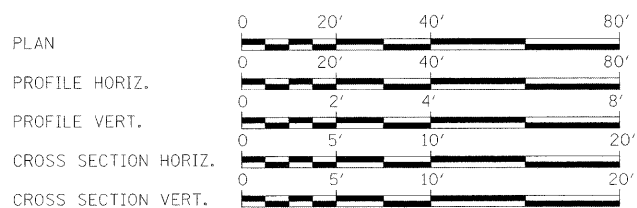
HIGHWAY STANDARDS

280001-04	TEMPORARY EROSION CONTROL SYSTEMS
424001-05	CURB RAMPS FOR SIDEWALKS
515001-03	NAME PLATE FOR BRIDGES
602301-02	INLET - TYPE A
604066-02	FRAME AND LID, TYPE 15
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
664001-02	CHAIN LINK FENCE
667101-01	PERMANENT SURVEY MARKERS
701301-03	LANE CLOSURE, 2L, 2W SHORT TIME OPERATIONS
701801-04	LANE CLOSURE MULTILANE, 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS AND MARKERS)
BLR 26-1	STEEL PLATE BEAM GUARDRAIL (27 1/2" HEIGHT)

UTILITIES

AMEREN CIPS
FRONTIER COMMUNICATIONS
LIGHTCORE (DIGITAL TELEPORT)
DALLAS CITY WATER AND SEWER
CONSOLIDATED UTILITY SERVICES
MCDONOUGH TELEPHONE CO-OP
NICOR GAS
BUCKEYE PARTNERS
MEDIACOM MIDWEST LLC

TOLL FREE JOINT UTILITY LOCATING
INFORMATION FOR EXCAVATORS (J.U.L.I.E.)
TELEPHONE NUMBER 1-800-892-0123
OR 811



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

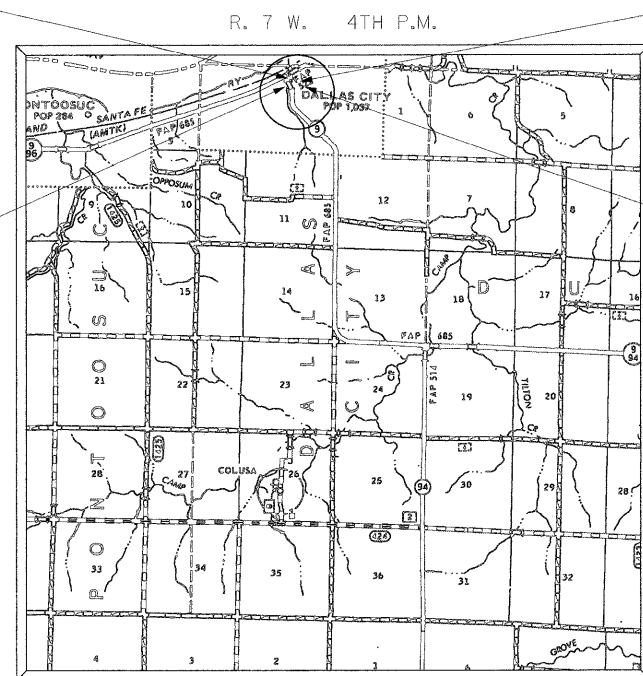
CONTRACT NO. 93497

ROADWAY CLASSIFICATION: LOCAL STREET
ADT: 398
DESIGN SPEED: 30 MPH
DESIGN GUIDELINES: URBAN

PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS

EXISTING STRUCTURE:
STA. 13+83
CLOSED ABUTMENT BRIDGE
36' LONG ON 45° SKEW, L.A.
S.N. 034-6027

IMPROVEMENT BEGINS
STA 12+50.00



LOCATION MAP



TOTAL AND NET LENGTH OF PROJECT = 266.90 FT = 0.051 MI
10' X 11' TWIN BOX CULVERT

PROPOSED STRUCTURE:
STA 13+89
DOUBLE 11'x10' BOX CULVERT
46' LONG ON 15° SKEW, L.A.
SN 034-6028

IMPROVEMENT ENDS
STA 15+16.90



LOCATION OF SECTION INDICATED THIS: - [shaded area] -

APPROVED *Arthur W. Higgins* 9/22 2009
MAYOR - DALLAS CITY

PASSED *August 26* 2009
DISTRICT SIX ENGINEER OF LOCAL ROADS & STREETS

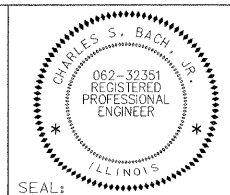
PASSED *August 25* 2009
DISTRICT SIX ENGINEER OF CONSTRUCTION

RELEASING FOR BID BASED ON LIMITED REVIEW: *August 26* 2009
DEPUTY DIRECTOR OF HIGHWAYS, REGION FOUR ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CHARLES S. BACH, JR.
REGISTERED PROFESSIONAL ENGINEER
STATE OF ILLINOIS NO. 062-32351
LICENSE EXPIRES NOVEMBER 30, 2009

Charles S. Bach, Jr. 5/28/09
CHARLES S. BACH, JR. DATE



PLANS PREPARED BY:
PSBA
POEPPING, STONE, BACH & ASSOCIATES, INC.
100 SOUTH 54TH STREET QUINCY, ILLINOIS 62306
PH: (217) 223-4605 FAX: (217) 223-1546
E-MAIL: PSBA@PSBA.COM WWW.PSBA.COM

SUMMARY OF QUANTITIES

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4th STR	05-00014-00-BR	HANCOCK	18	2
STA. 9+50 TO		STA. 15+16.90		
FED. ROAD DIST.	ILLINOIS	FED. AID PROJECT		

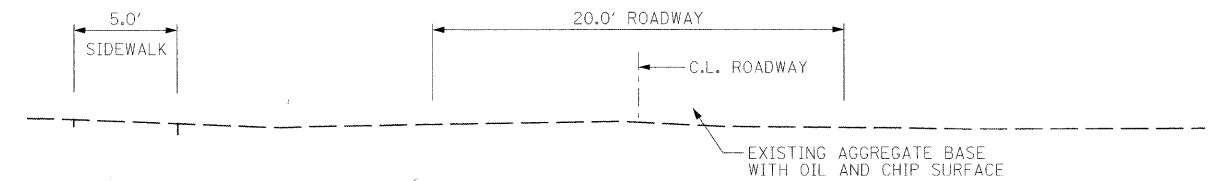
PAY ITEM		CONSTRUCTION TYPE CODE		CONSTRUCTION TYPE CODE	
ITEM	UNIT	TOTAL	1000 80% FEDERAL 20% STATE	X028-2A 80% FEDERAL 20% STATE	
20100500	TREE REMOVAL, ACRES	ACRE	0.1		0.1
20200100	EARTH EXCAVATION	CU YD	173		
20200200	ROCK EXCAVATION	CU YD	454		454
20800150	TRENCH BACKFILL	CU YD	27	27	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	5	5	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	5	5	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	5	5	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	25	25	
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	136		136
28200200	FILTER FABRIC	SQ YD	174		174
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	933	933	
35101400	AGGREGATE BASE COURSE, TYPE B	TON	386	386	
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	206	206	
40300300	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	GALLON	990	990	
40300500	COVER COAT AGGREGATE	TON	21	21	
40300600	SEAL COAT AGGREGATE	TON	11	11	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	135	135	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1137	1137	
42400800	DETECTABLE WARNINGS	SQ FT	16	16	
44000600	SIDEWALK REMOVAL	SQ FT	889	889	
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1		1
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		1
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1		1
50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1		1
50105200	REMOVE EXISTING CULVERTS	EACH	5	5	
50200100	STRUCTURE EXCAVATION	CU YD	574		574
50800105	REINFORCEMENT BARS	POUND	35570		35570
50900705	HANDRAIL REMOVAL	L SUM	1		1
51500100	NAME PLATES	EACH	1		1
54003000	CONCRETE BOX CULVERTS	CU YD	286.4		286.4
55019500	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV, 12"	FOOT	56	56	
55019600	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV, 15"	FOOT	40	40	
55021700	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III, 15"	FOOT	19	19	
60237000	INLETS, TYPE A, TYPE 15 FRAME AND LID	EACH	3	3	
60242820	INLETS, SPECIAL, TYPE E	EACH	1	1	
60242830	INLETS, SPECIAL, TYPE F	EACH	1	1	
60500060	REMOVING INLETS	EACH	4	4	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	432	432	
63000002	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6.75 FOOT POSTS	FOOT	25.0	25	
63200305	STEEL PLATE BEAM GUARDRAIL REMOVAL	FOOT	25.0	25	
66400305	CHAIN LINK FENCE, 6'	FOOT	32		32
66400535	CHAIN LINK FENCE, 6' ATTACHED TO STRUCTURE	FOOT	162		162
66410300	CHAIN LINK FENCE REMOVAL	FOOT	10		10
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	7		7
67100100	MOBILIZATION	L SUM	1		1
70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1		1
72000100	SIGN PANEL - TYPE 1	SQ FT	18	18	
72900200	METAL POST - TYPE B	FOOT	28	28	
X0321566	MULCH, SPECIAL	SQ YD	191	191	
X0323665	RIPRAP SLURRY	SQ YD	46		46
X0324118	GRANULAR CULVERT BACKFILL	CU YD	430		430
X0325780	WOOD SIDEWALK	SQ FT	39	39	
XX000880	SEEDING, CLASS 1, SPECIAL	SQ YD	191	191	
XX002948	TEMPORARY ACCESS WALK	EACH	1	1	

* SEE SPECIAL PROVISIONS
 Δ SPECIALTY ITEMS

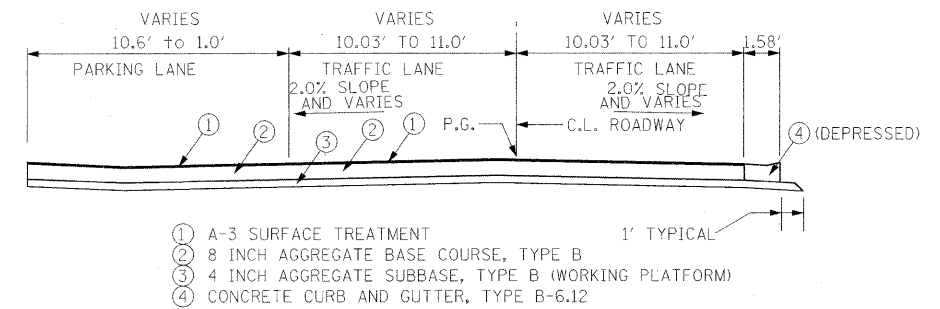
GENERAL NOTES

THE NOTED APPLICATION RATES ARE FOR QUANTITY CALCULATIONS ONLY. THE APPLICATION RATE TO BE APPLIED WILL BE DETERMINED BY THE ENGINEER AT THE TIME OF PLACEMENT.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

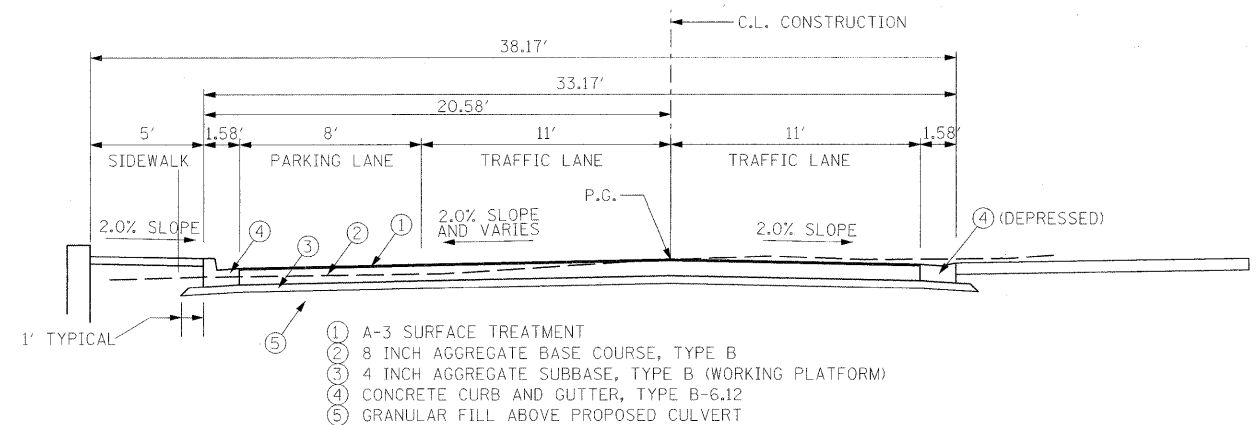


TYPICAL EXISTING CROSS SECTION



TYPICAL PROPOSED CROSS SECTION

STA. 12+50.00 TO STA. 13+21.00
 ALSO STA. 14+92.58 TO STA. 15+12.10 ABOVE SEWER REPLACEMENT (NO CURB)



TYPICAL PROPOSED CROSS SECTION

STA. 13+21.00 TO STA. 14+92.58

APPLICATION RATES USED IN QUANTITY CALCULATIONS

STONE RIPRAP	1.50 TON / CU. YD.
AGGREGATE BASE	2.05 TON / CU. YD.
BITUMINOUS MATERIAL (PRIME COAT)	0.40 GAL/SQ YD
SEAL COAT AGGREGATE	25 POUNDS/SQ YD
COVER COAT AGGREGATE	25 POUNDS/SQ YD
ALL FERTILIZER NUTRIENTS	1 POUND/40 SQ YDS

DESIGNED	JLS	REVISED	-
DRAWN	JLS	REVISED	-
CHECKED	DJK	REVISED	-
DATE	JUN 2008	REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES & TYPICAL SECTIONS
 DALLAS CITY CULVERT

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4TH	05-00014-00-BR	HANCOCK	20	2
CONTRACT NO.			93497	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TREE REMOVAL			
STATION	OFFSET		ACRES
	FT LT	FT RT	
STA 13+00 TO STA 13+50		38	0.0235
STA 13+70 TO STA 14+00	35		0.0145
STA 13+50 TO STA 14+00		27	0.0173
STA 14+30 TO STA 14+80	33		0.012
TOTAL			0.0673
USE			0.1

RIPRAP/FILTER FABRIC/SLURRY									
STATION TO STATION	SIDE	Average Length	Average Width Slope Measure	Depth	AREA	FILTER FABRIC	STONE DUMPED RIPRAP CLASS A4	RIPRAP SLURRY	
		FT	FT						INCHES
SOUTHWEST WINGWALL	RT	26	29	16.00	750	83	65	0	
NORTHWEST WINGWALL	LT	29	15	16.00	407	45	35	0	
NORTHEAST WINGWALL	LT	30	13	16.00	412	46	36	46	
TOTAL							174	136	46

SUBBASE GRANULAR MATERIAL, TYPE B 4"		
STATION TO STATION	Avg. Width	SUB GRAN MAT, TY B
	FOOT	SQ YD
STA 12+50 TO STA 13+21	33.2	262
STA 13+21 TO STA 14+92.58	35.2	671
TOTAL		933.0

EARTH EXCAVATION						NOTES
STATION TO STATION	EARTH EXCAVATION	EARTH EXCAV ADJUSTED FOR SHRINKAGE	EMBANKMENT	BALANCE WASTE (+) BORROW (-)	CUMMULATIVE	
	CU YD	CU YD	CU YD	CU YD	CU YD	
ROADWAY						
STA 12+50 TO STA 13+69	128	96	7	89	89	
OMISSION - STA 13+69 TO STA 14+09						STRUCTURE EXCAVATION AND REMOVE EXISTING STRUCTURE
STA 14+09 TO STA 14+92.58	88	66	0	66	66	
CULVERT						
STA 13+07 TO STA 13+93			25	(-25)	(-25)	12 INCH LAYER OF DIRT ABOVE GRANULAR CULVERT BACKFILL RT SIDE BEHIND CURB = 173 cubic yards of waste
TOTAL	216	162	32	130	130	

SEEDING SCHEDULE						
STATION TO STATION	SIDE	SEEDING CLASS 1	NITROGEN FERT NUTR	PHOSPHOROUS FERT NUTR	POTASSIUM FERT NUTR	MULCH SPECIAL
		SQ YDS	LB	LB	LB	SQ YDS
STA 13+07 TO STA 13+64.5	RT	65	2	2	2	65
STA 10+69.5 TO STA 14+77	RT	126	3	3	3	126
TOTAL		191	5	5	5	191

AGGREGATE BASE COURSE, TYPE B				
LOCATION	SIDE	DEPTH	AREA	AGGREGATE BASE COURSE
		INCHES	SQ YDS	TONS
STA 12+50 TO STA 14+92.58	RT	8	307	140
STA 12+50 TO STA 14+92.58	LT	8	540	246
TOTAL				386

TEMPORARY EROSION CONTROL SEEDING	
LOCATION	SEEDING- FOR EROSION CONTROL
	POUND
ENTIRE JOB (ESTIMATED)	25.0
TOTAL	25.0

PRIME COAT/ BIT MATERIALS/COVER AND SEAL COAT						
LOCATION	WIDTH	LENGTH	BIT MATL (PRIME)	BIT MATL COVER & SEAL COATS	COVER COAT AGGREGATE	SEAL COAT AGGREGATE
	FEET	FEET	GALLON	GALLON	TON	TON
STA 12+50 TO STA 14+92.58	30	242.6	202	970	20.0	10.0
STA 14+92.58 TO STA 15+12	7.5	19.5	4	20	0.4	0.2
TOTAL			206	990	20.4	10.2
USE			206	990	21.0	11.0

NOTE: BITUMINOUS MATERIAL PRIME APPLICATION RATE ASSUMED AT 0.25 GALLONS PER SQUARE YARD
 BITUMINOUS MATERIAL APPLICATION RATE ASSUMED AT 0.40 GALLONS PER SQUARE YARD

DRAINAGE SCHEDULE

PLAN LABEL	LOCATION		STORM SEWER			INLET REMOVE	CULVERT REMOVE	TYPE A INLET	TYPE E INLET	TYPE F INLET	TRENCH BACKFILL
			RCCP	RCCP	RCCP						
			TY1	TY1	TY2						
	STATION	OFFSET	12"	15"	15"	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(CU YD)
	13+54	15' RT				1					
	13+55 TO 13+58	16' RT					1				
	13+81.5	16' LT				1					
	13+84 TO 13+90	15' LT					1				
	14+29	16' LT				1					
	14+24 TO 14+27	16' LT					1				
	14+36	15' RT				1					
	13+91 TO 14+34	15' RT					1				12
	14+92.58 TO 15+12	23' RT					1				4
A	13+67	23.08' LT						1			
L	13+67	15.08' RT							1		
D	14+45.75	21.30' LT						1			
I	14+61.08	13.31' RT						1			
G	14+88.94	27.65' RT						1			
B	13+67 TO BOX									19	
C	14+45.75 TO WINGWALL						4				1
E	14+61.08 TO 14+45.75						36				6
H	14+88.94 TO 14+61.08					29					
F	15+16.90 TO 14+88.94					27					4
	TOTAL		56	40	19	4	5	3	1	1	27

PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH

LOCATION	SIDE	WIDTH	PCC SIDEWALK
		FEET	SQ FT
STA 13+21 TO STA 14+76	LT	5	775
NW RADIUS 4TH AND ELM	LT	RD	126
SW RADIUS 4TH AND ELM	RT	RD	174
13+48	LT	6	12
13+70.50	LT	4.5	50
TOTALS			1137

SIDEWALK REMOVAL

Station to Station	SIDE	WIDTH	LENGTH	SIDEWALK REMOVAL (SQ FT)
STA 13+21 TO STA 14+90	LT	5	169	845
STA 13+70	LT	4.3	10.2	44
TOTAL				889

DRIVEWAY SCHEDULE (W/ CONC GUTTER)

LOCATION	TYPE OF ENTRANCE	EX MATERIAL TYPE	WIDTH	RT OFFSET	LT OFFSET	LENGTH (FROM EDGE OF PVT/BIT SHLD TO LIMITS OF IMPROVEMENT)	P. C. C. DRIVEWAY PAVEMENT 6"
(LT / RT) (STA) (+)	(FE / PE/ CE/ MB) (RURAL) / (URBAN)	(EARTH / AGG. / BIT. / P. C. C.)	FT.	FT.	FT.	FT.	SQ. YD.
STA 12+50 TO STA 13+07	PE URBAN	AGG	57	12		12	78
STA 13+93 TO STA 14+30	PE URBAN	AGG	37	12		13.5	57
TOTAL							135

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

LOCATION	SIDE	QUANTITY (FOOT)
STA 13+21 TO STA 14+77	LT	156
NW RADIUS 4TH & ELM	LT	22
STA 12+50 TO STA 14+77	RT	227
SW RADIUS 4TH & ELM	RT	27
TOTAL		432

DETECTABLE WARNINGS

LOCATION	SIDE	WIDTH	LENGTH	DETECTABLE WARNING PAD
		FEET	FEET	SQ FT
NW RADIUS 4TH AND ELM	LT	2	4	8
SW RADIUS 4TH AND ELM	RT	2	4	8
TOTALS				16

REMOVAL OF EXISTING STRUCTURES

STRUCTURE NUMBER	LOCATION	STRUCTURE TYPE	QUANTITY
			EACH
1	EXISTING BRIDGE	CONCRETE, STEEL AND POURED DECK	1
2	NORTHEAST CORNER OF EXISTING BRIDGE	GROUTED SANDBAG RETAINING WALL	1
3	SOUTHEAST CORNER OF EXISTING BRIDGE	STONE AND MORTAR RETAINING WALL	1
4	SOUTHEAST CORNER OF EXISTING BRIDGE	WOOD DECK ACCESS RAMP TO HOUSE	1

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
DALLAS CITY CULVERT

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4TH	05-00014-00-BR	HANCOCK	20	4
			CONTRACT NO. 9 3 4 9 7	
ILLINOIS FED. AID PROJECT				

STEEL PLATE BEAM GUARDRAIL

LOCATION	SIDE	REMOVAL QUANTITY (FOOT)	INSTALL QUANTITY (FOOT)
NORTHWEST RADIUS AT 4TH AND ELM	LT	25	25
TOTAL		25.0	25.0

CHAIN LINK FENCE

STATION TO STATION	SIDE	REMOVAL QUANTITY (FEET)	6' CHAIN LINK FENCE (FEET)	6' CHAIN LINK ATTACHED TO STRUCTURE (FEET)
NORTHWEST WINGWALL	LT			23
NORTH CULVERT HEADWALL	LT			34.5
NORTHEAST WINGWALL	LT			25.3
NORTHEAST WINGWALL TO RADIUS AT NW CORNER OF 4TH AND ELM	LT		17.3	
SOUTHWEST WINGWALL	RT			27.5
SOUTH CULVERT HEADWALL	RT			35
SOUTHEAST WINGWALL	RT			16.7
STA 13+77.57 TO STA 13+92.2	RT		14.7	
STA 13+77.57 TO STA 13+85		10		
TOTAL		10.00	32.00	162.00

FURNISHING AND ERECTING RIGHT OF WAY MARKERS

LOCATION	OFFSET		METHOD A	METHOD B
	LT	RT	EACH	EACH
STA 13+18.75		23.89'		1
STA 13+18.68		36.09'		1
STA 14+00.46		36.58'		1
STA 14+00.46		34.38'		1
STA 14+75.41	43.17'			1
STA 13+68.49	43.82'			1
STA 13+68.39	25.82'			1
TOTAL			0	7

WOOD SIDEWALK

LOCATION	SIDE	WIDTH	WOOD SIDEWALK
		FEET	SQ FT
13+96, 33' RT TO 39.5' RT	RT	6	39
TOTALS			39

SIGN PANEL - TYPE 1

LOCATION	SIDE	OFFSET	SIGN PANEL - TYPE 1 (3' X 3' STOP SIGN) SQ FT	METAL POST TYPE B	
				URBAN	RURAL
				FOOT	FOOT
STA 14+79..02	RT	14.30	9.00	14.00	
STA 14+89.32	LT	33.64	9.00	14.00	
SUBTOTAL			18	28	0
TOTAL			18	28	

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

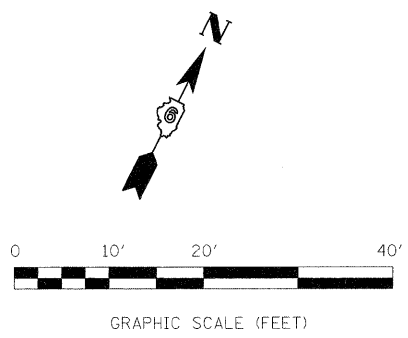
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
DALLAS CITY CULVERT

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4TH	05-00014-00-BR	HANCOCK	20	5
CONTRACT NO. 93497				
ILLINOIS FED. AID PROJECT				

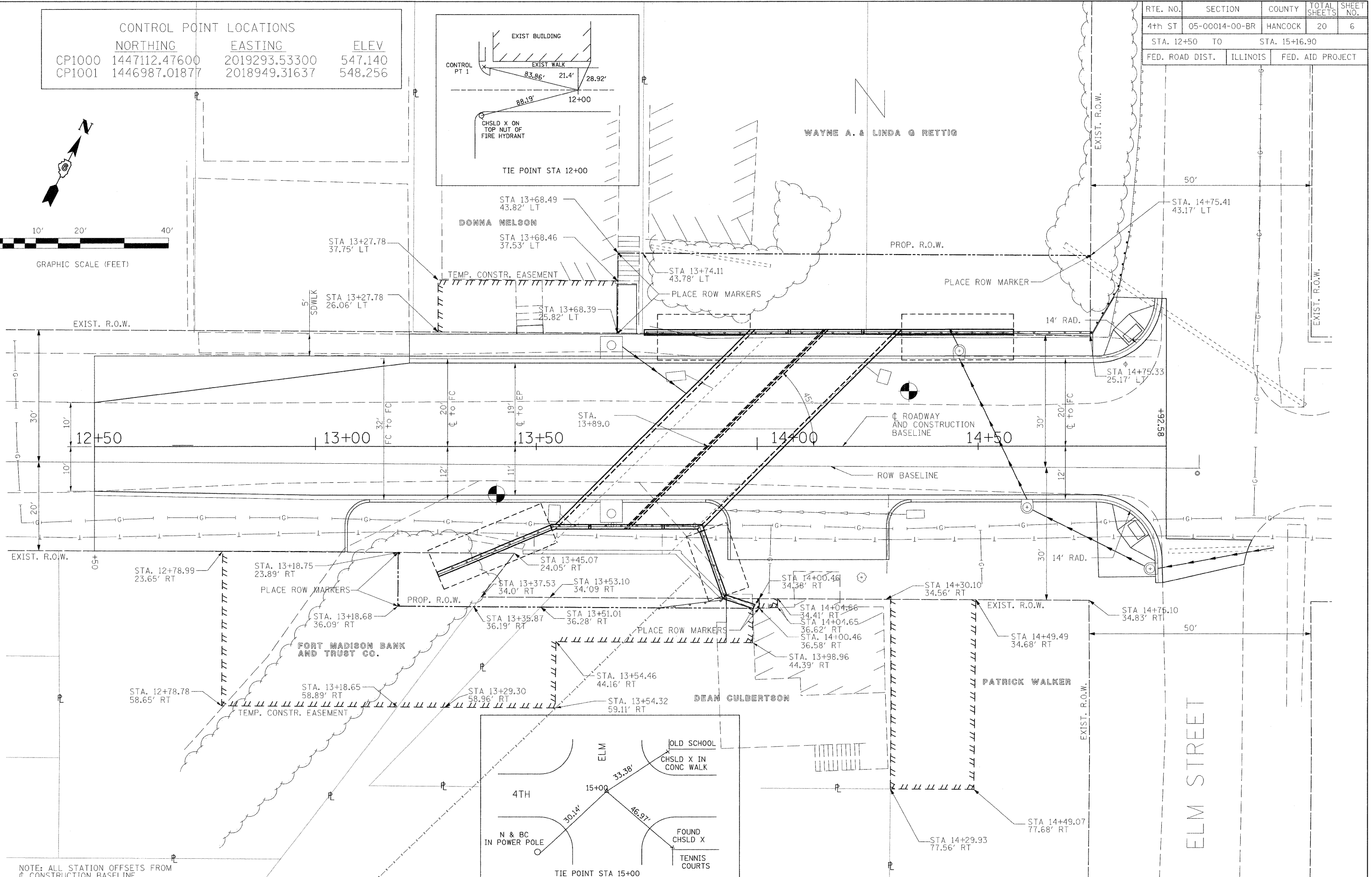
CONTROL POINT LOCATIONS			
	NORTHING	EASTING	ELEV
CP1000	1447112.47600	2019293.53300	547.140
CP1001	1446987.01877	2018949.31637	548.256

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4th ST	05-00014-00-BR	HANCOCK	20	6
STA. 12+50 TO STA. 15+16.90				
FED. ROAD DIST.		ILLINOIS	FED. AID PROJECT	



PLAN	DATE
REGISTERED	
ALIGNED	
CHECKED	
NO. _____	

PROFILE	DATE
REGISTERED	
GRADES	
CHECKED	
NO. _____	



NOTE: ALL STATION OFFSETS FROM ϕ CONSTRUCTION BASELINE

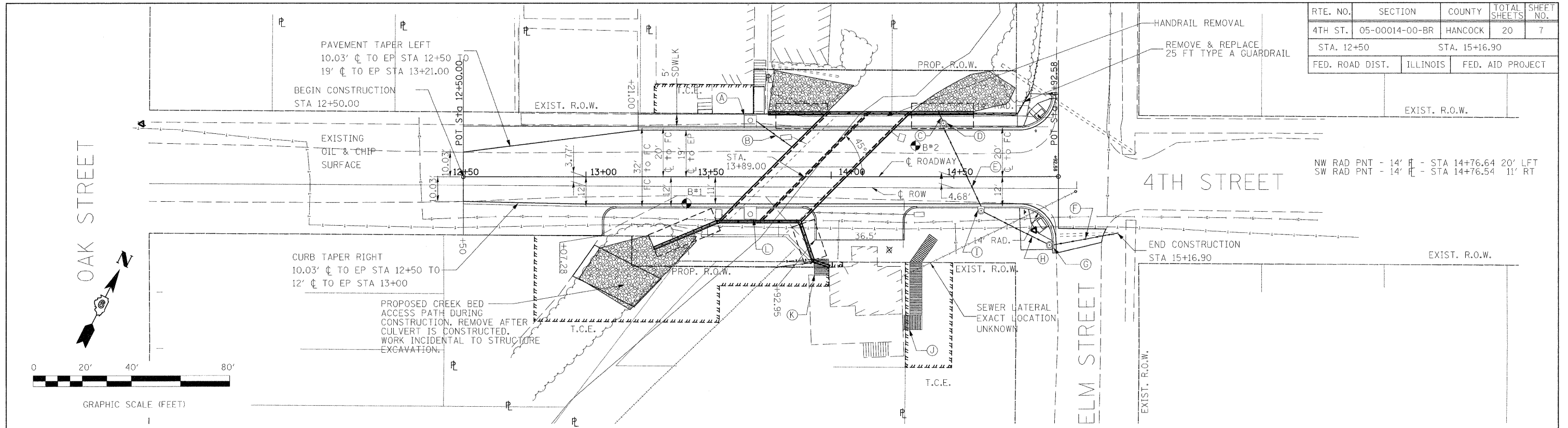
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROW PLAN
DALLAS CITY CULVERT

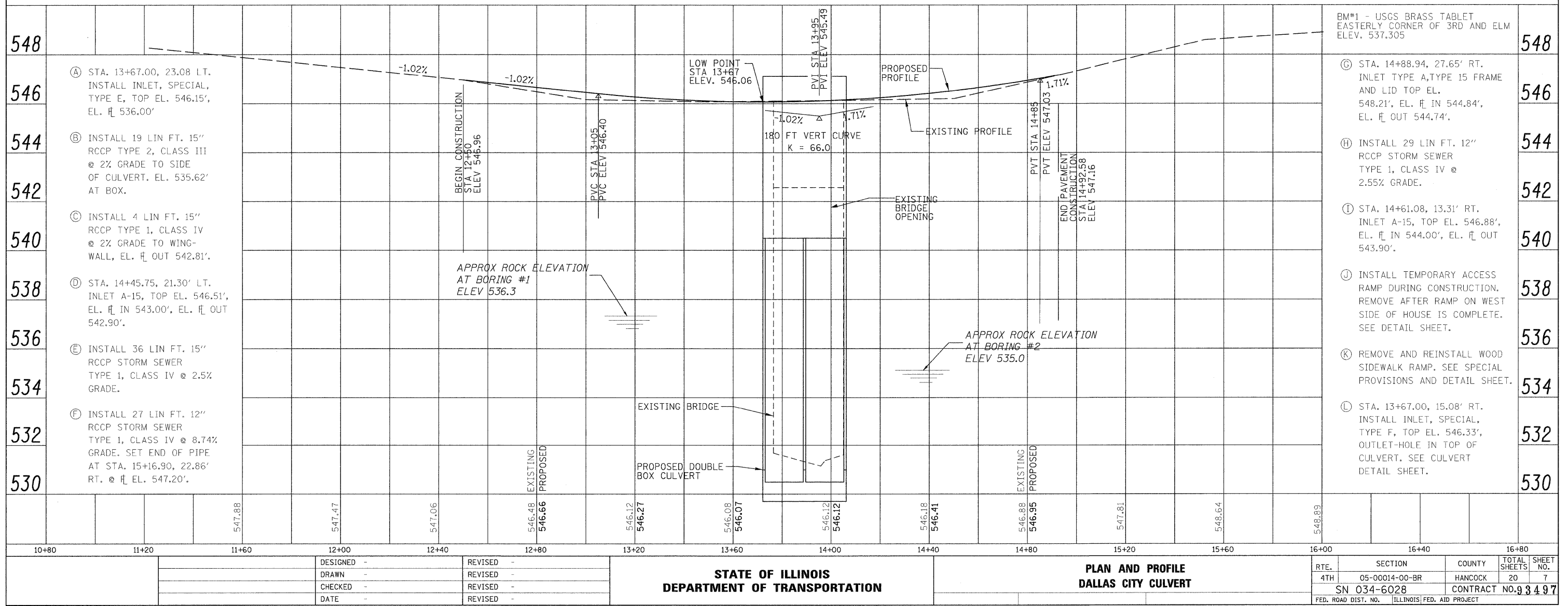
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4TH	05-00014-00-BR	HANCOCK	20	6
SN 034-6028		CONTRACT NO. 93497		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4TH ST.	05-00014-00-BR	HANCOCK	20	7
STA. 12+50		STA. 15+16.90		
FED. ROAD DIST.	ILLINOIS	FED. AID PROJECT		



PLAN	DATE
DESIGNED	
DRAWN	
CHECKED	
DATE	

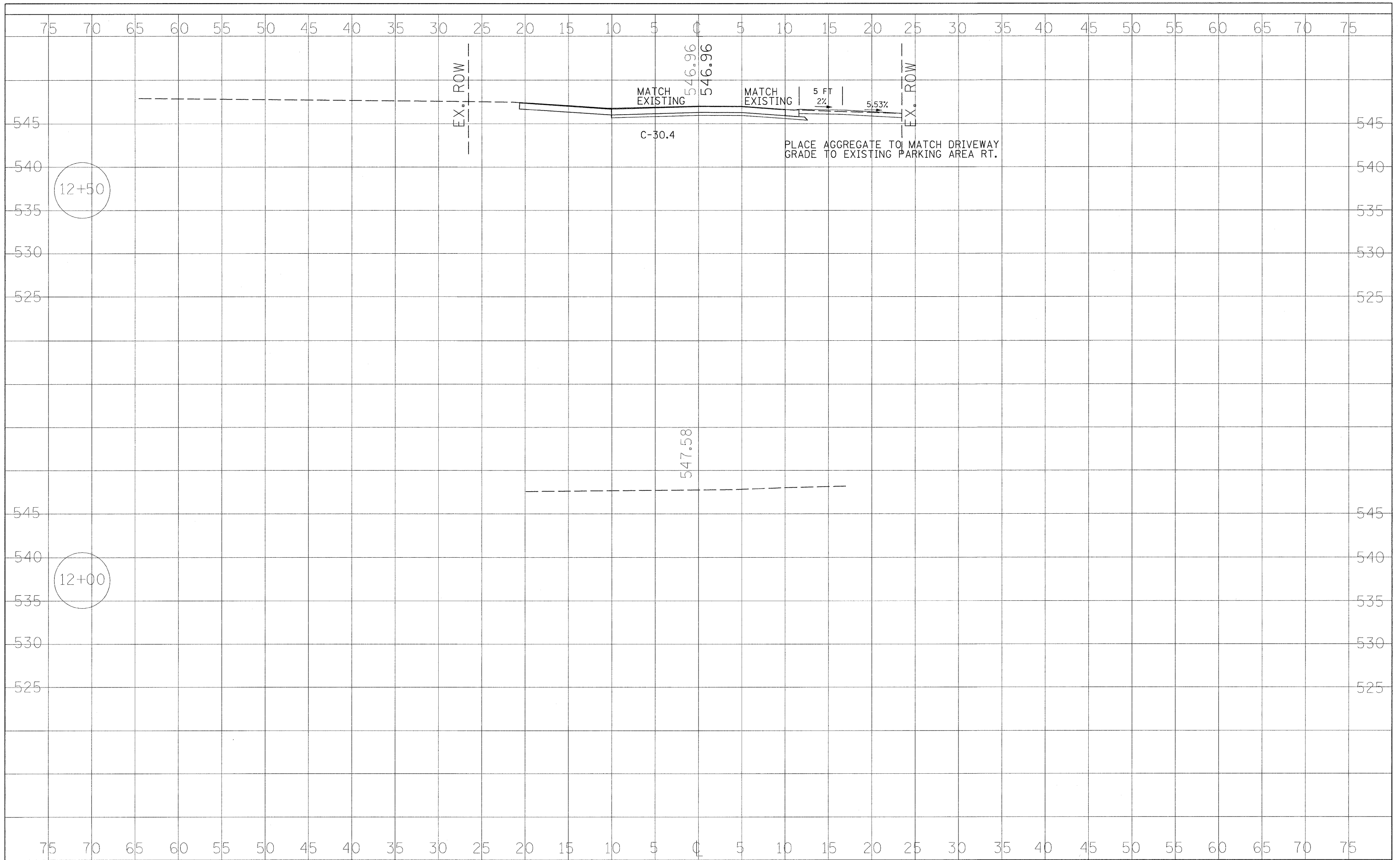
PROFILE	DATE
DESIGNED	
DRAWN	
CHECKED	
DATE	



10+80	11+20	11+60	12+00	12+40	12+80	13+20	13+60	14+00	14+40	14+80	15+20	15+60	16+00	16+40	16+80
DESIGNED -					REVISED -										
DRAWN -					REVISED -										
CHECKED -					REVISED -										
DATE -					REVISED -										
STATE OF ILLINOIS										PLAN AND PROFILE					
DEPARTMENT OF TRANSPORTATION										DALLAS CITY CULVERT					
				RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.				RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.							
				4TH 05-00014-00-BR HANCOCK 20 7				4TH 05-00014-00-BR HANCOCK 20 7							
				SN 034-6028 CONTRACT NO. 93497				SN 034-6028 CONTRACT NO. 93497							
				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	

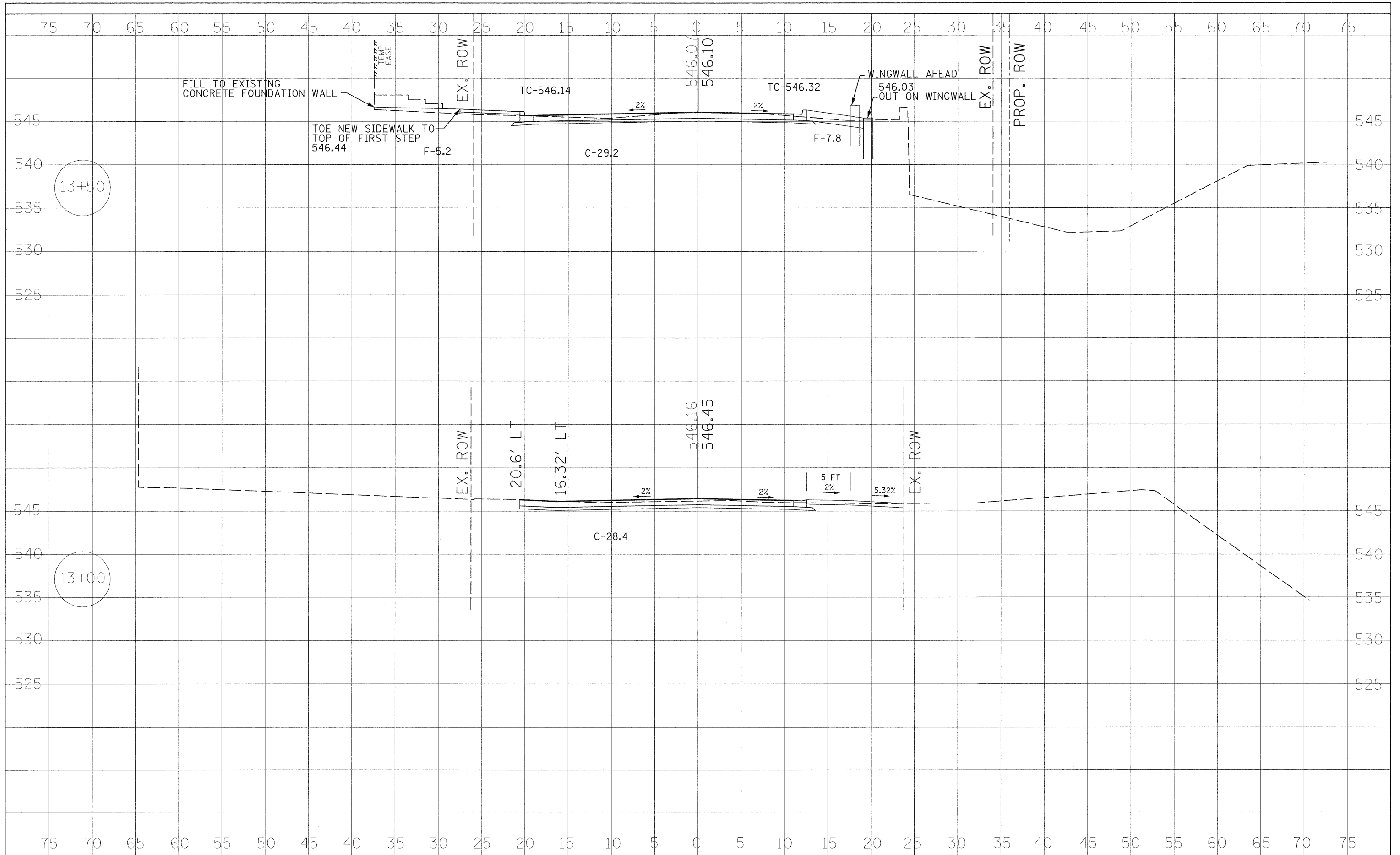
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BY	
DESIGNED	
DRAWN	
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DATE	
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DESIGNED	
DRAWN	
CHECKED	
DATE	



DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DALLAS CITY CULVERT CROSS SECTIONS		RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISIED -				05-00014-00-BR	HANCOCK	20	8	
CHECKED -	REVISIED -				SN 034-6028	CONTRACT NO. 93497			
DATE -	REVISIED -				FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

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

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



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

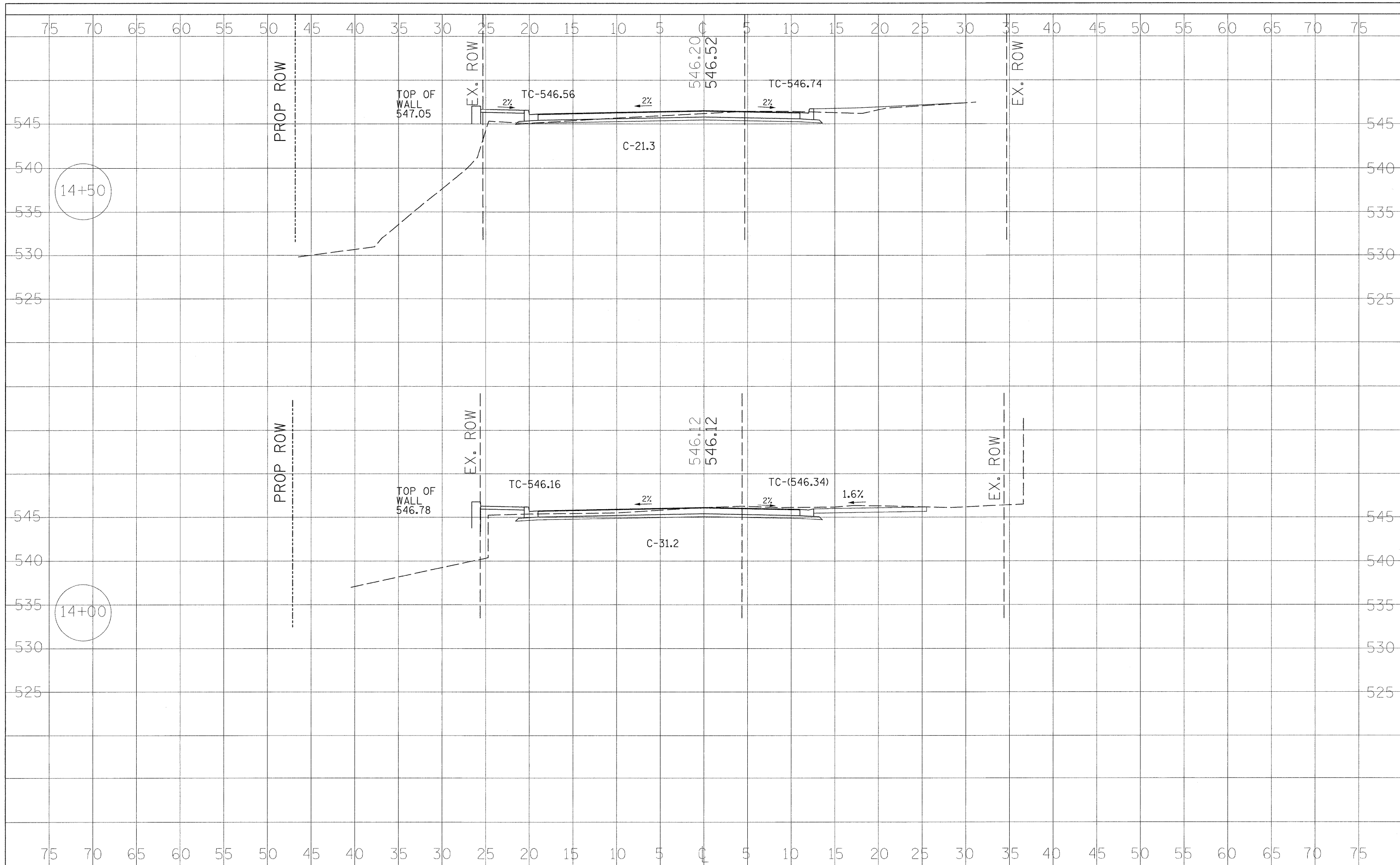
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DALLAS CITY CULVERT
CROSS SECTIONS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00014-00-BR	HANCOCK	20	9
SN 034-6028		CONTRACT NO. 93497		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

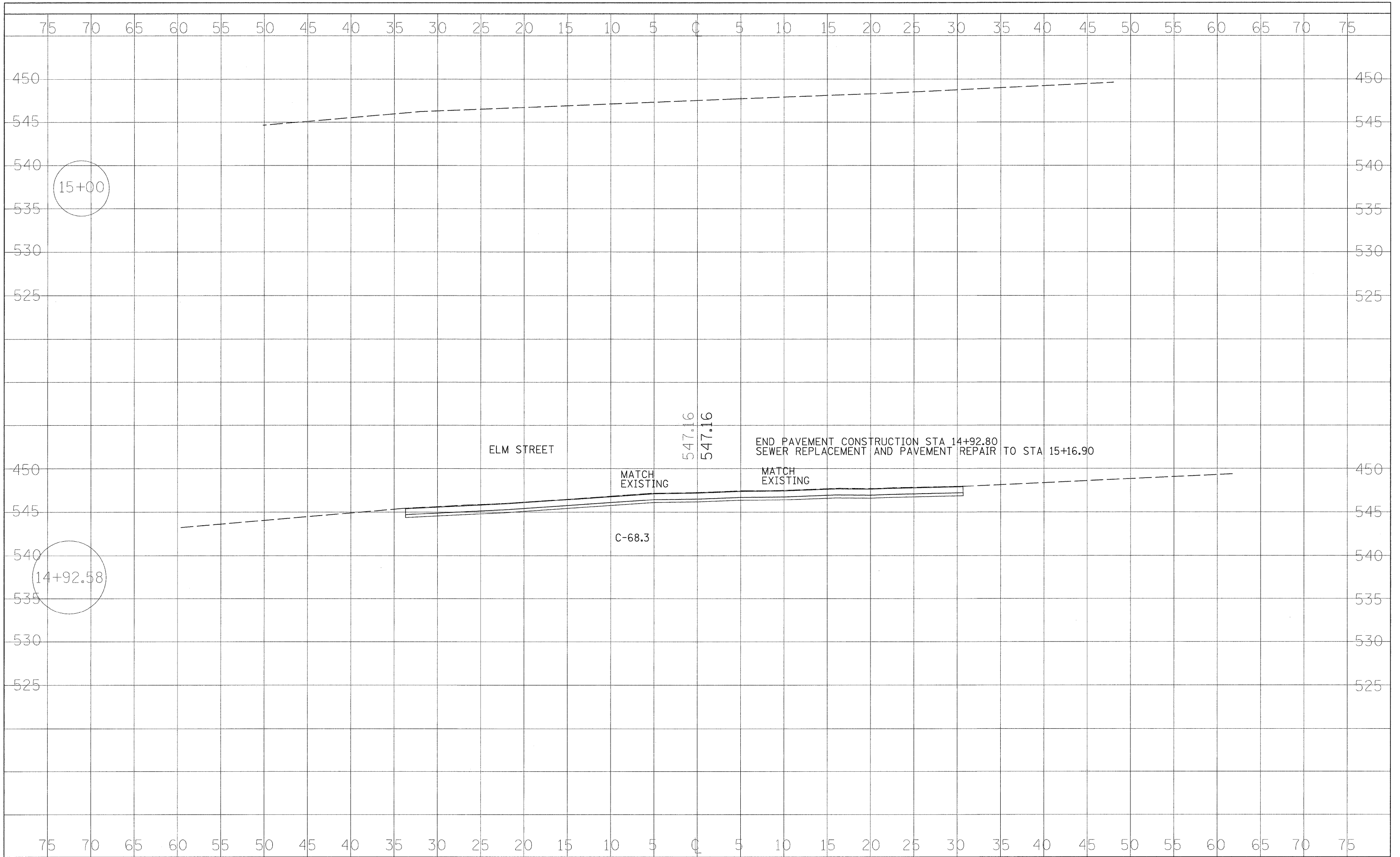
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SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	



DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DALLAS CITY CULVERT CROSS SECTIONS	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN - DJK	REVISED -			05-0014-00-BR	HANCOCK	20	10	
CHECKED -	REVISED -			SN 034-6028	CONTRACT NO. 93497			
DATE -	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

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

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



DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DALLAS CITY CULVERT CROSS SECTIONS	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISIED -			05-00014-00-BR	HANCOCK	20	11	
CHECKED -	REVISIED -			SN 034-6028	CONTRACT NO 93497			
DATE -	REVISIED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4th STR	05-00014-00-BR	HANCOCK	20	12
STA. 13+89.0		STA.		
FED. ROAD DIST.	ILLINOIS	FED. AID PROJECT		

Benchmark - BM#1 USGS Brass Tablet
Easterly Corner of 3rd and Elm
Elev. 537.305

Existing Structure - S.N. 034-6027 - Built in 1945. Single span bridge built on 45° skew with closed abutments. Distance between faces of backwalls is 20 feet. The contractor shall remove the structure and replace it with a 11' x 10' double barrel box culvert. The structure will be closed to traffic during construction

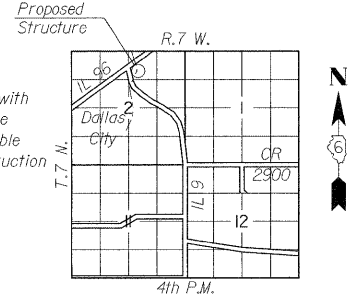
Salvage - All Salvagable Materials to Become The Property of the Contractor

Estimated Removal Quantities - 86 Cu. Yd. Concrete

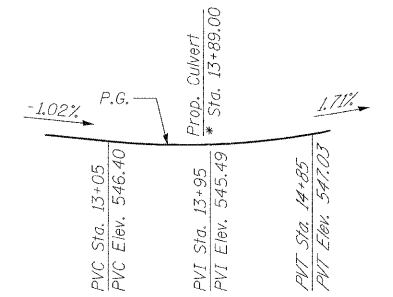
Precast alternate is not allowed.

INDEX OF SHEETS *STRUCTURAL*

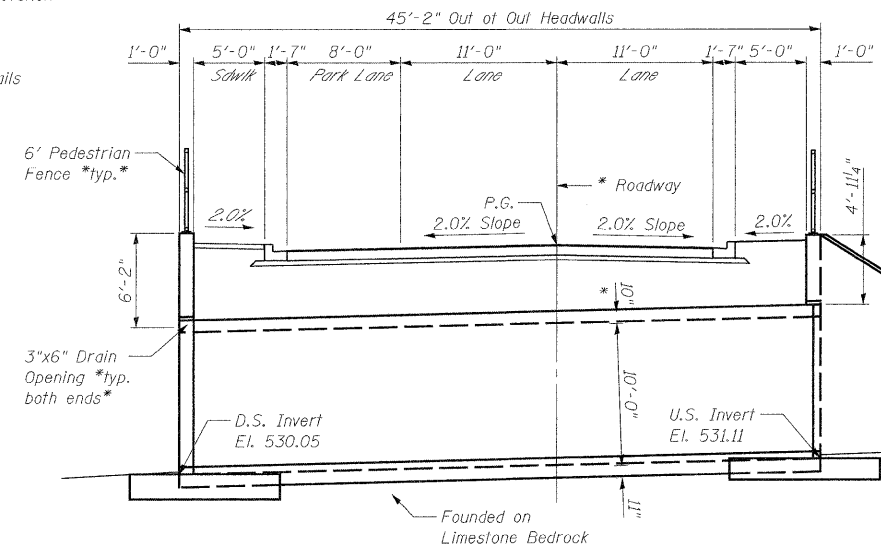
1. General Plan & Elevation
2. Culvert Layout
3. Culvert Details
4. Wingwall Details
5. Misc. Culvert Details



LOCATION SKETCH



PROFILE GRADE
*Along *Roadway*



LONGITUDINAL SECTION
Perpendicular to *Roadway

DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation *ft.*	D.S. Invert	U.S. Invert
	530.05	531.11

HIGHWAY CLASSIFICATION

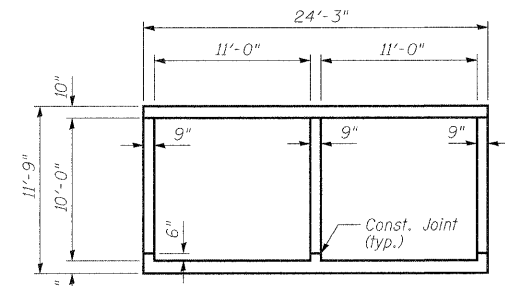
4th St.
Functional Class: Local Street
ADT *2009*: 398
ADT *2029*: 398
Design Speed: 30 MPH
Posted Speed: 25 MPH

LOADING HS 20-44 & ALT.

Allow 50#*sq. ft. for future wearing surface

DESIGN SPECIFICATIONS

2002 AASHTO - 17th Ed.



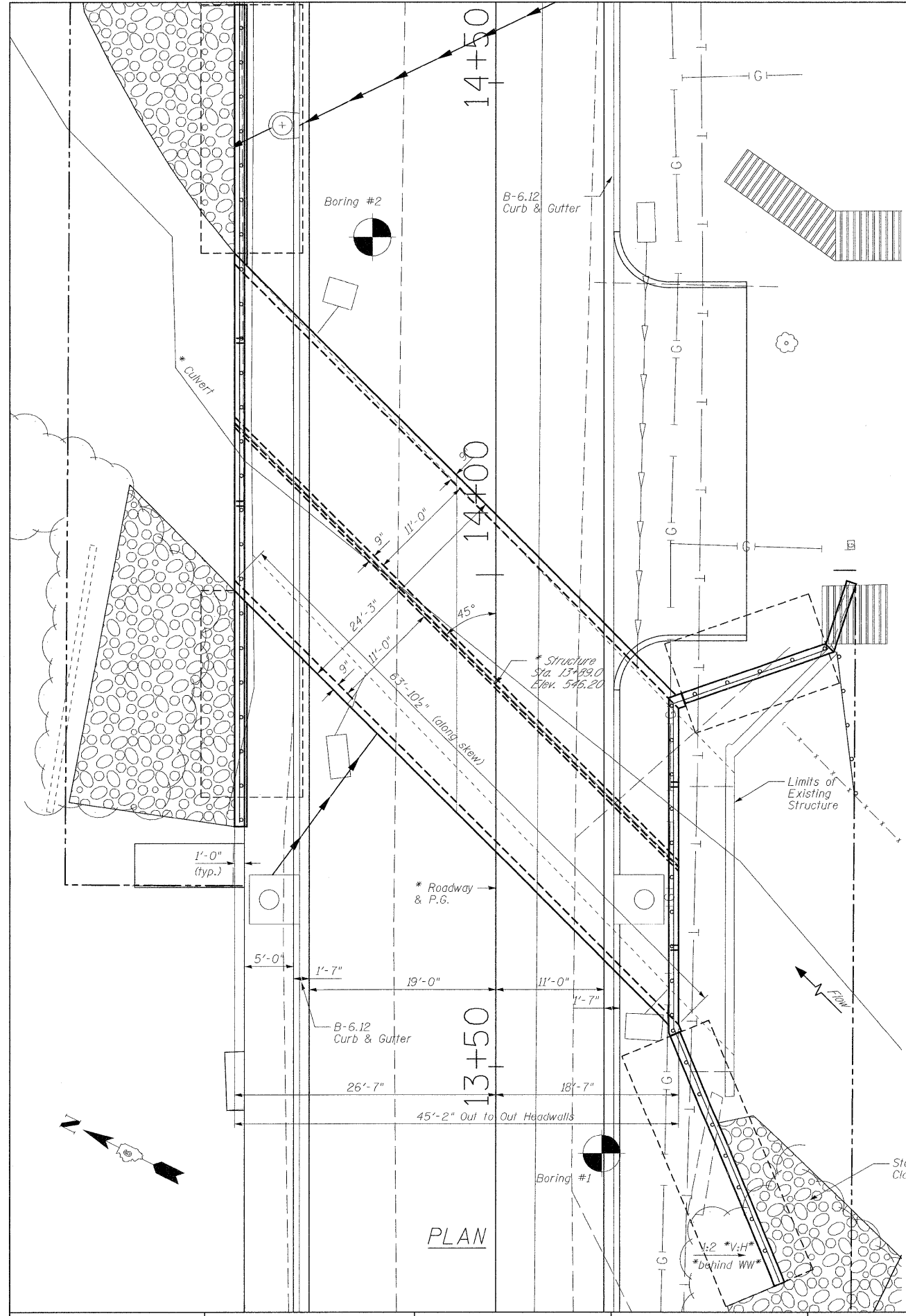
SECTION THRU BARREL

DESIGN STRESSES

$f_y = 60,000 \text{ psi}$ *reinforcement*
 $f'_c = 3,500 \text{ psi}$

WATERWAY INFORMATION

Drainage Area = 1,291 Sq. Mi.		Low Grade Elevation = 546.06		At Station 13+72.17		
Flood	Freq. Yr.	Q CFS	Opening Sq. Ft.	Natural H.W.E.	Head-Ft.	Headwater El.
			Exist. Prop.	Exist. Prop.	Exist. Prop.	Exist. Prop.
Min. Calc.	10	870	62 101	535.72	0.40 0.00	536.1 535.7
Design	30	1270	77 119	536.57	1.13 0.00	537.7 536.6
Base	100	1790	96 141	537.55	2.34 0.00	539.9 537.6
Overtopping	none					
Max. Calc.	500	2540	121 167	538.75	3.84 1.50	542.6 540.3



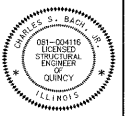
PLAN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
DALLAS CITY CULVERT

SHEET 1 OF 5

COVERS SHEETS 12 TO 16
I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THIS BOX CULVERT DESIGN IS STRUCTURALLY ADEQUATE FOR THE DESIGN LOADS SHOWN ON THE PLANS. THE DESIGN IS AN ECONOMICAL ONE FOR THE STYLE OF STRUCTURE AND COMPLIES WITH REQUIREMENTS OF THE CURRENT AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES.
Charles J. Walsh 5/28/09
CHARLES J. WALSH, JR.
M.E. LICENSE NUMBER DATE IS NOVEMBER 30, 2002



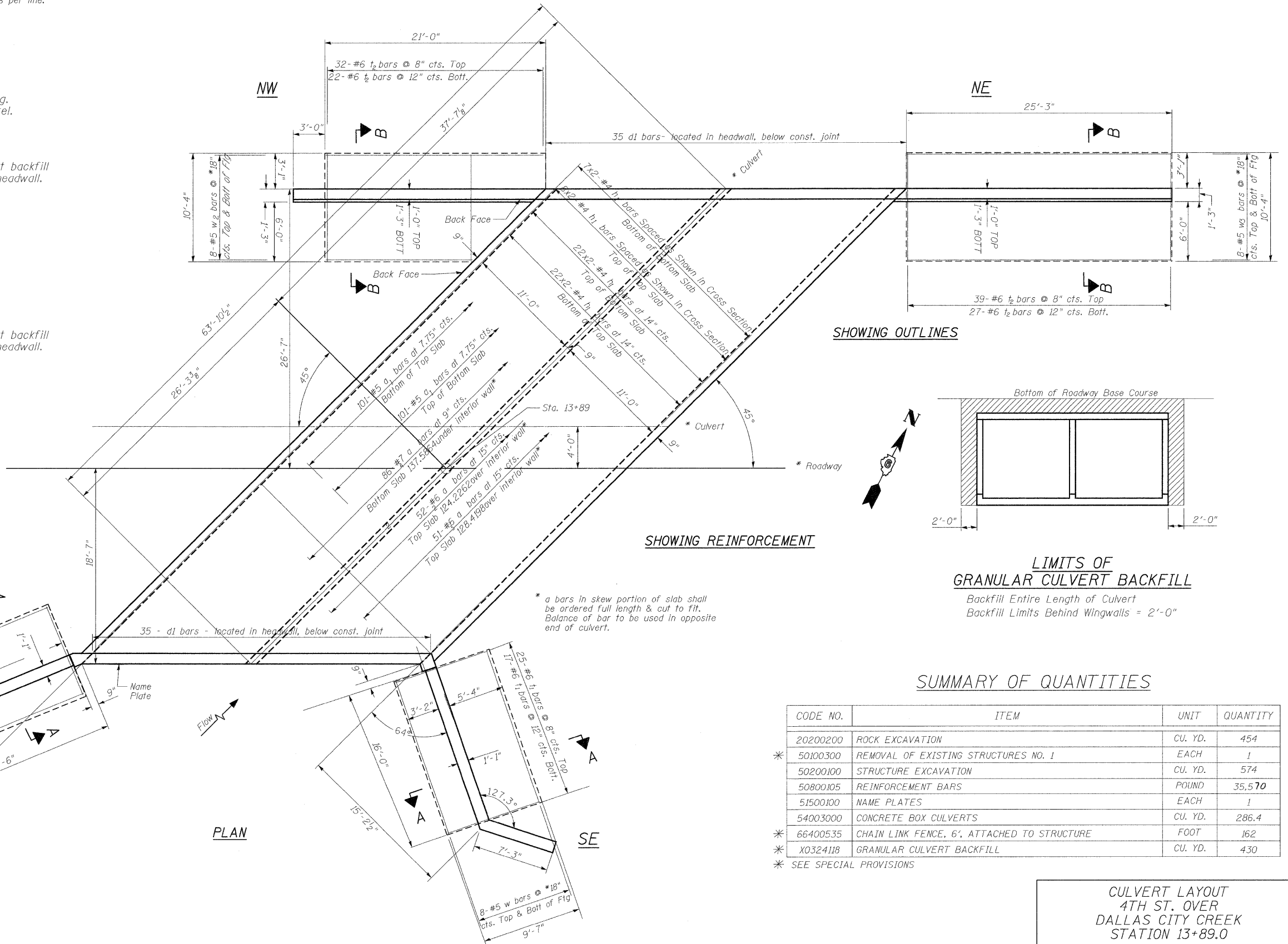
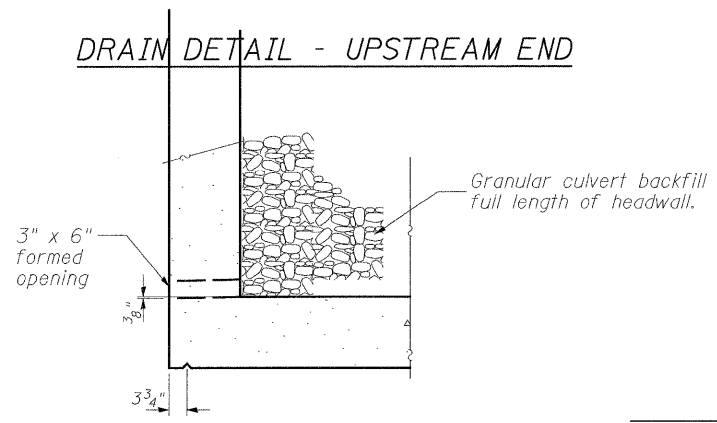
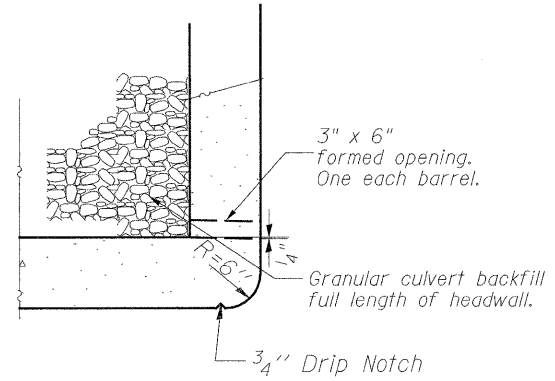
GENERAL PLAN
4TH ST. OVER
DALLAS CITY CREEK
STATION 13+89.00

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4TH	05-00014-00-BR	HANCOCK	20	12
SN 034-6028		CONTRACT NO. 93497		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DESIGNED - JLS	REVISED -
DRAWN - JLS	REVISED -
CHECKED - CSB	REVISED -
DATE -	REVISED -

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4TH ST.	05-00014-00-BR	HANCOCK	20	13
STA. 13+89.0				
FED. ROAD DIST.	ILLINOIS	FED. AID PROJECT		

- NOTES**
- A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
 - Reinforcement Bars shall conform to the requirements of ASTM A 706, Grade 60.
 - All construction joints shall be bonded.
 - Minimum lap lengths:
 #4 bar: 1'-4"
 #5 bar: 1'-8"
 - Bars indicated thus 12 x 4-#5 indicates 12 lines of bars with 4 lengths per line.



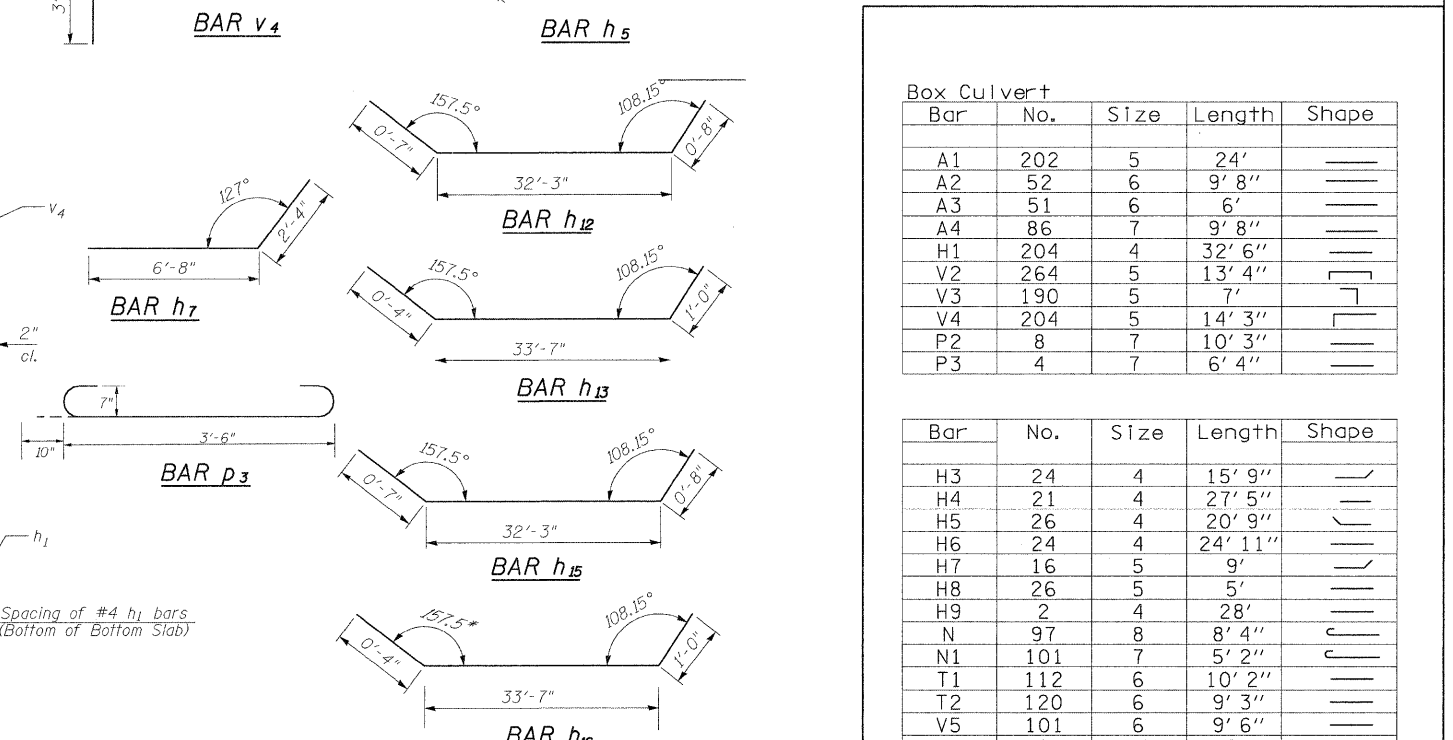
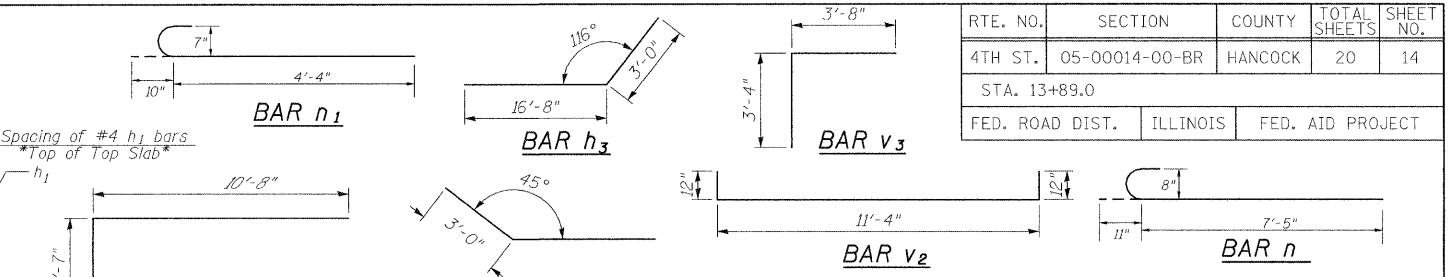
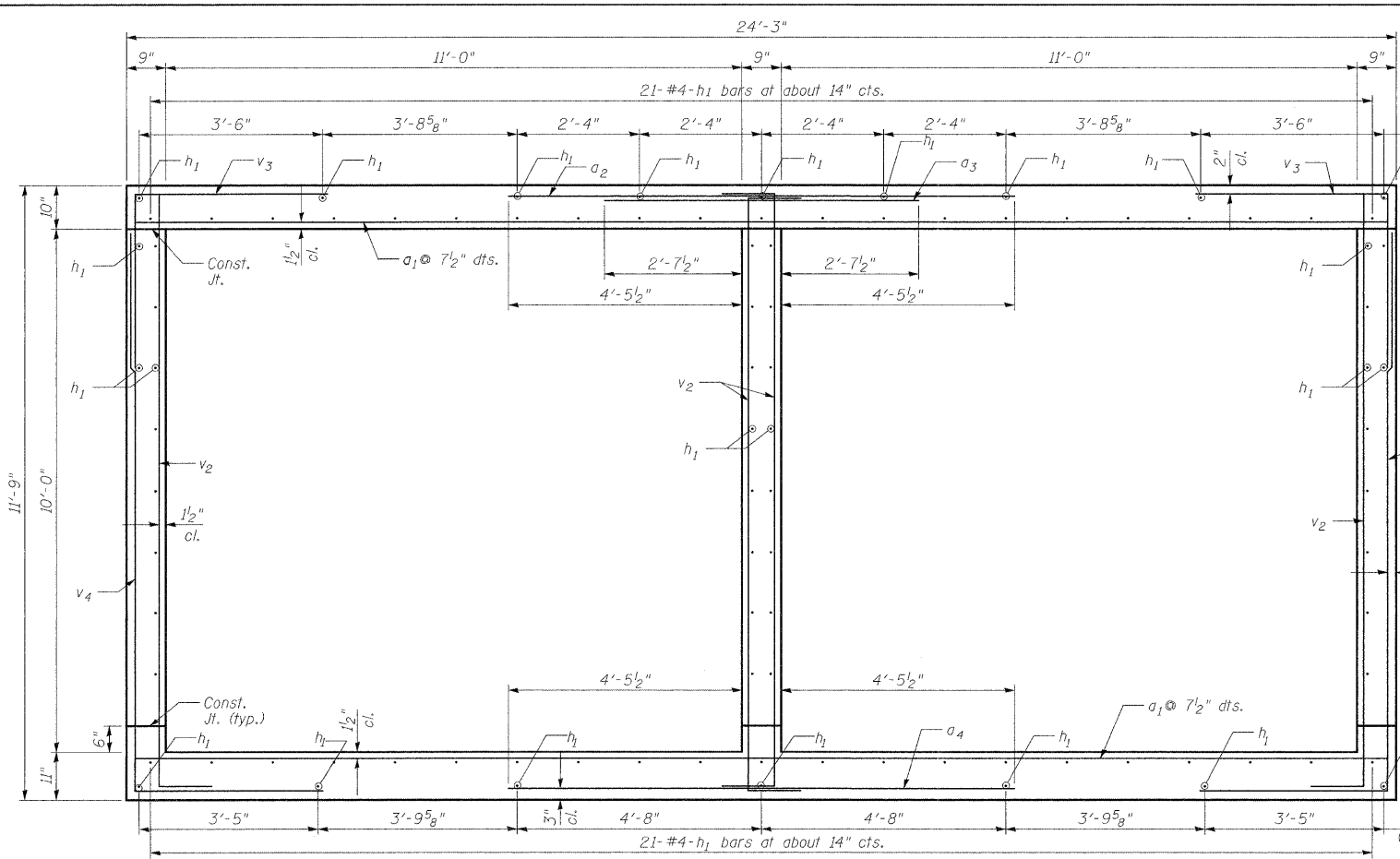
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DRAWN -	JLS	REVISED -	
CHECKED -	CSB	REVISED -	
DATE -	JUN 2008	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT LAYOUT
DALLAS CITY CULVERT

SHEET 2 OF 5

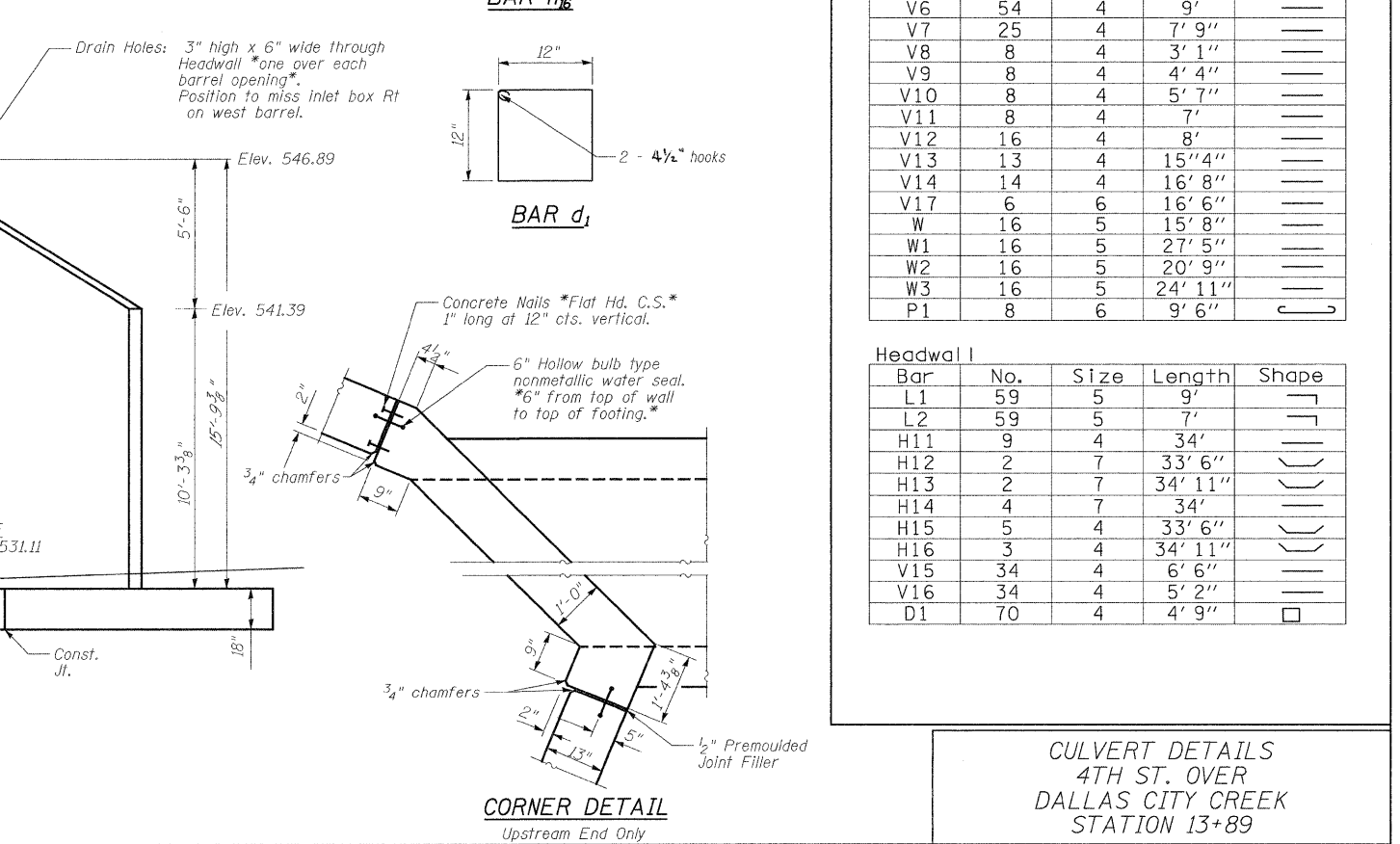
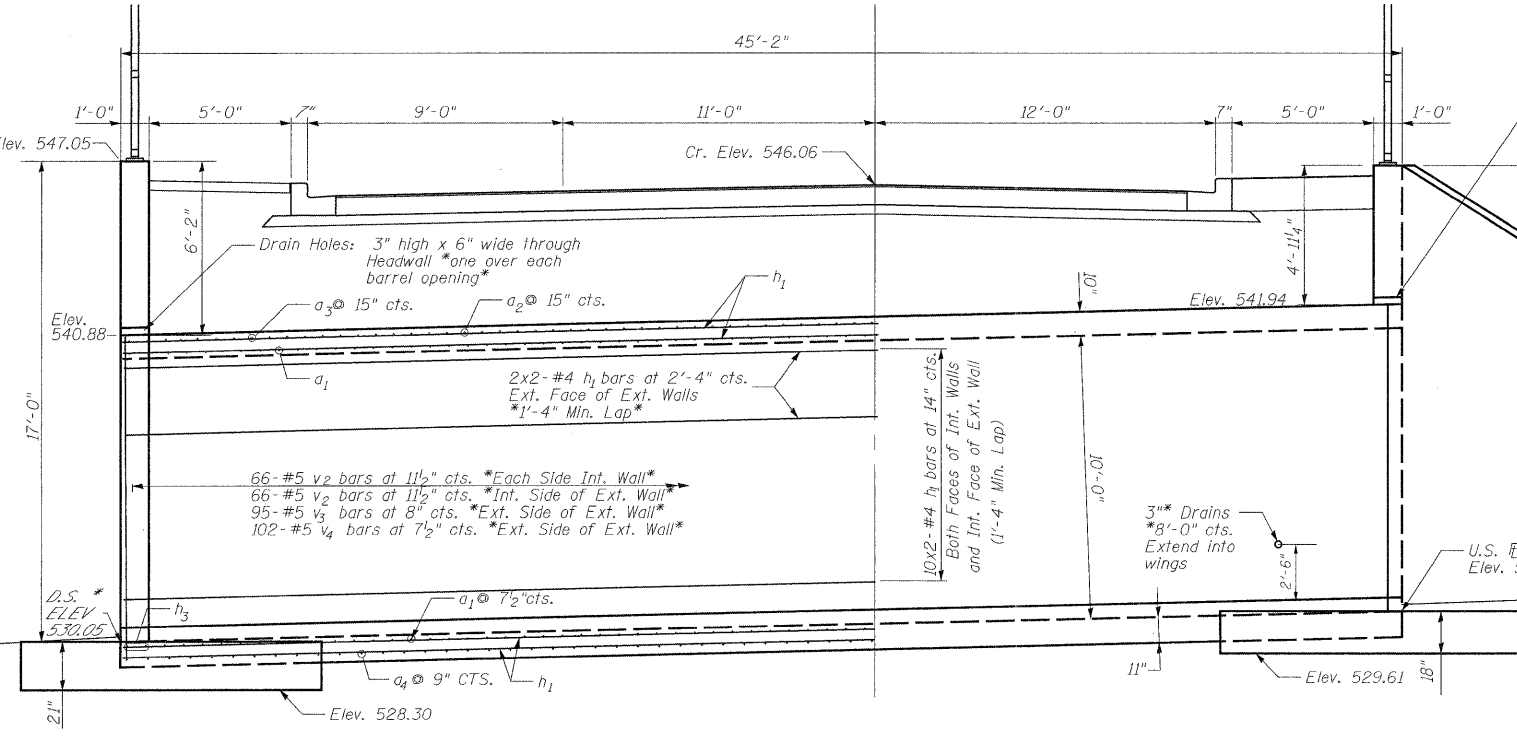
CULVERT LAYOUT 4TH ST. OVER DALLAS CITY CREEK STATION 13+89.0				
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4th	05-00014-00-BR	HANCOCK	20	13
SN 034-6028			CONTRACT NO. 93497	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



Box Culvert

Bar	No.	Size	Length	Shape
A1	202	5	24'	—
A2	52	6	9' 8"	—
A3	51	6	6'	—
A4	86	7	9' 8"	—
H1	204	4	32' 6"	—
V2	264	5	13' 4"	—
V3	190	5	7'	—
V4	204	5	14' 3"	—
P2	8	7	10' 3"	—
P3	4	7	6' 4"	—

Bar	No.	Size	Length	Shape
H3	24	4	15' 9"	—
H4	21	4	27' 5"	—
H5	26	4	20' 9"	—
H6	24	4	24' 11"	—
H7	16	5	9'	—
H8	26	5	5'	—
H9	2	4	28'	—
N	97	8	8' 4"	—
N1	101	7	5' 2"	—
T1	112	6	10' 2"	—
T2	120	6	9' 3"	—
V5	101	6	9' 6"	—
V6	54	4	9'	—
V7	25	4	7' 9"	—
V8	8	4	3' 1"	—
V9	8	4	4' 4"	—
V10	8	4	5' 7"	—
V11	8	4	7'	—
V12	16	4	8'	—
V13	13	4	15' 4"	—
V14	14	4	16' 8"	—
V17	6	6	16' 6"	—
W	16	5	15' 8"	—
W1	16	5	27' 5"	—
W2	16	5	20' 9"	—
W3	16	5	24' 11"	—
P1	8	6	9' 6"	—



Headwall

Bar	No.	Size	Length	Shape
L1	59	5	9'	—
L2	59	5	7'	—
H11	9	4	34'	—
H12	2	7	33' 6"	—
H13	2	7	34' 11"	—
H14	4	7	34'	—
H15	5	4	33' 6"	—
H16	3	4	34' 11"	—
V15	34	4	6' 6"	—
V16	34	4	5' 2"	—
D1	70	4	4' 9"	—

CULVERT DETAILS
4TH ST. OVER
DALLAS CITY CREEK
STATION 13+89

DESIGNED - JLS
DRAWN - JLS
CHECKED - CSB
DATE - JUN 2008

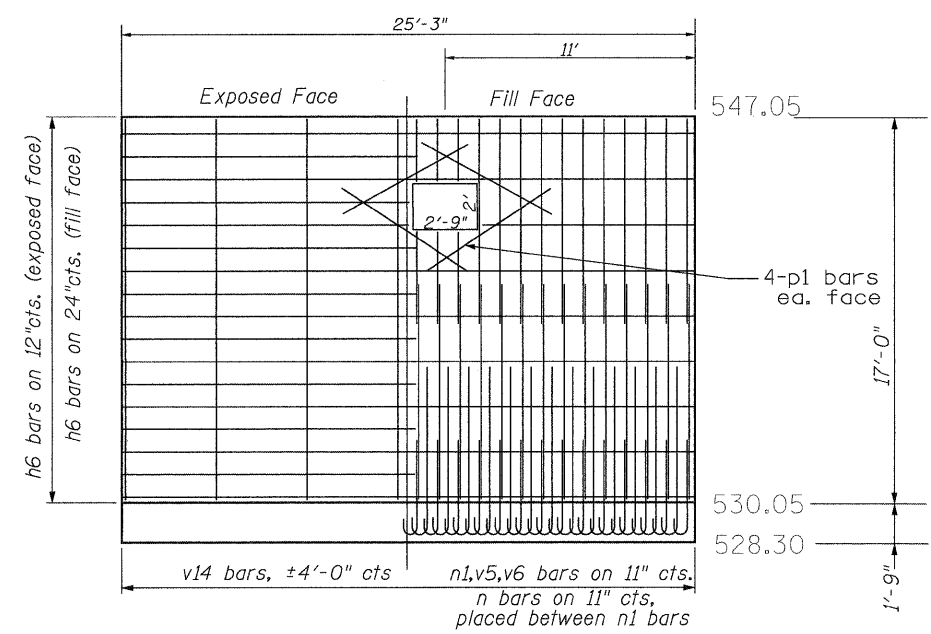
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REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS
DALLAS CITY CULVERT

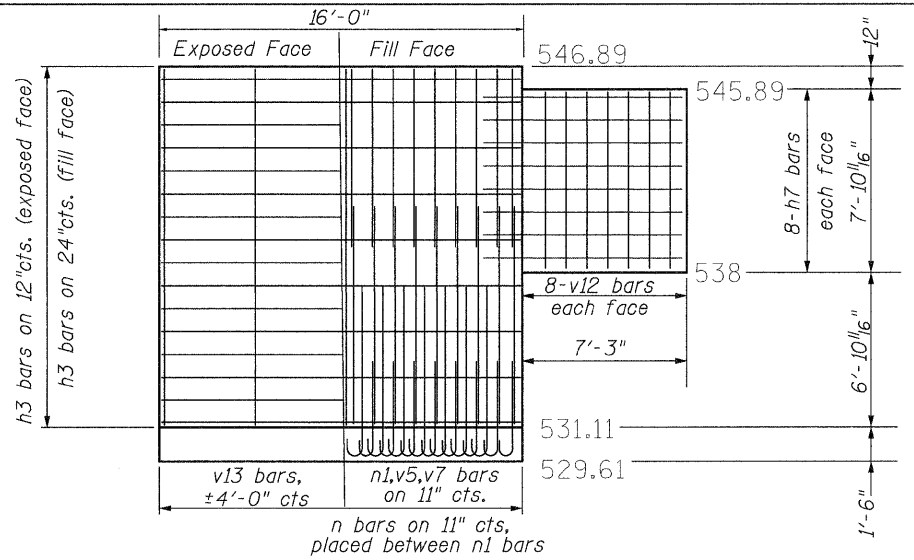
SHEET 3 OF 5

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4TH ST.	05-00014-00-BR	HANCOCK	20	15
STA. 13+89.0				
FED. ROAD DIST.	ILLINOIS	FED. AID PROJECT		



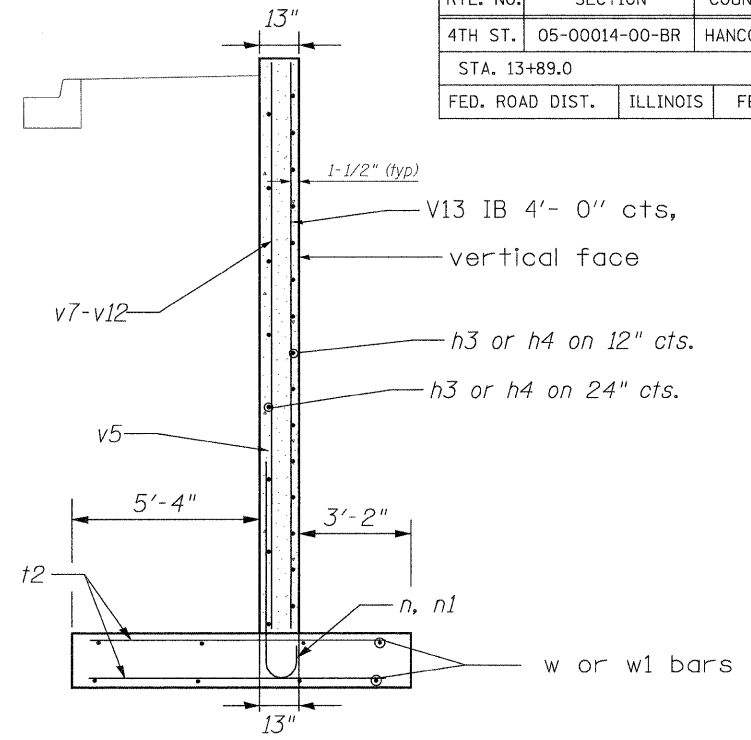
HALF ELEVATION
LOOKING SOUTH
NE WINGWALL

n	: 28 (#8) (8'-6'')	t ₁	: 66 (#6) (10'-1'')
n ₁	: 29 (#7) (5'-2'')	p ₁	: 8 (#6) (6'-6'')
v ₅	: 29 (#6) (9'-6'')	w ₃	: 16 (#5) (24'-11'')
v ₆	: 29 (#4) (9'-0'')	h ₆	: 28 (#4) (24'-11'')
v ₁₄	: 8 (#4) (16'-8'')		

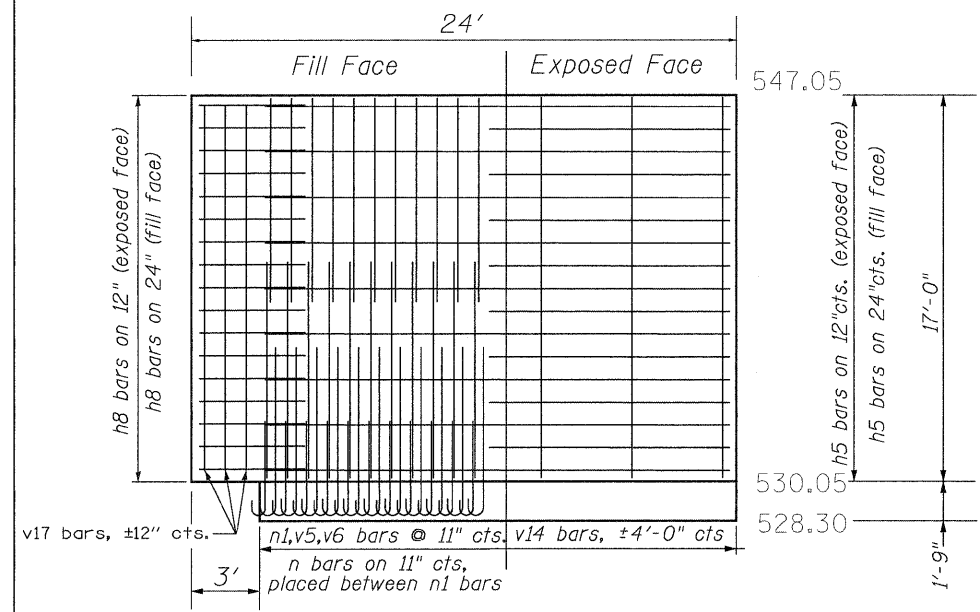


HALF ELEVATION
SE WINGWALL

n	: 18 (#8) (8'-6'')	v ₁₃	: 5 (#4) (15'-4'')
n ₁	: 19 (#7) (5'-2'')	t ₂	: 42 (#6) (9'-4'')
v ₅	: 19 (#6) (9'-6'')	w	: 16 (#4) (15'-8'')
v ₇	: 19 (#4) (7'-9'')	h ₃	: 26 (#4) (15'-8'')
v ₁₂	: 16 (#4) (8'-0'')	h ₇	: 16 (#5) (9'-0'')

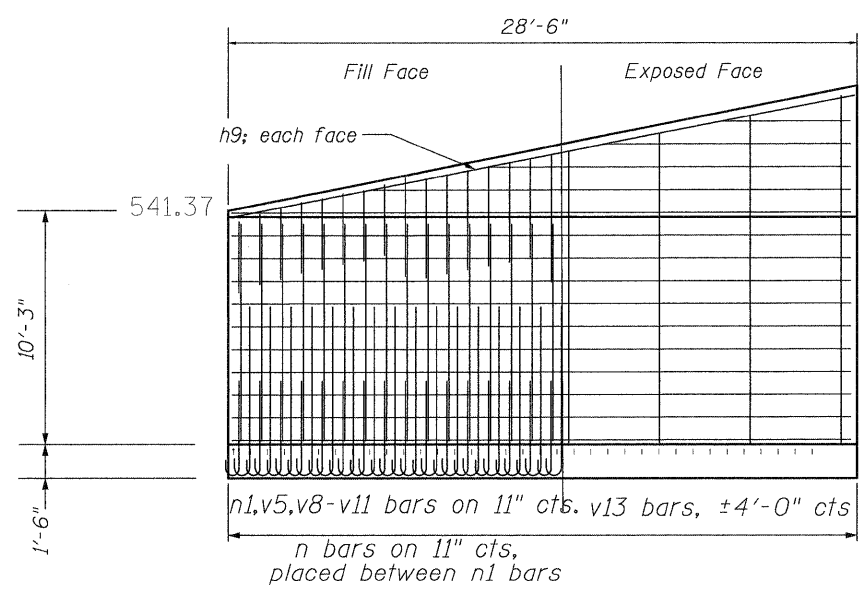


SECTION - SOUTH WINGS



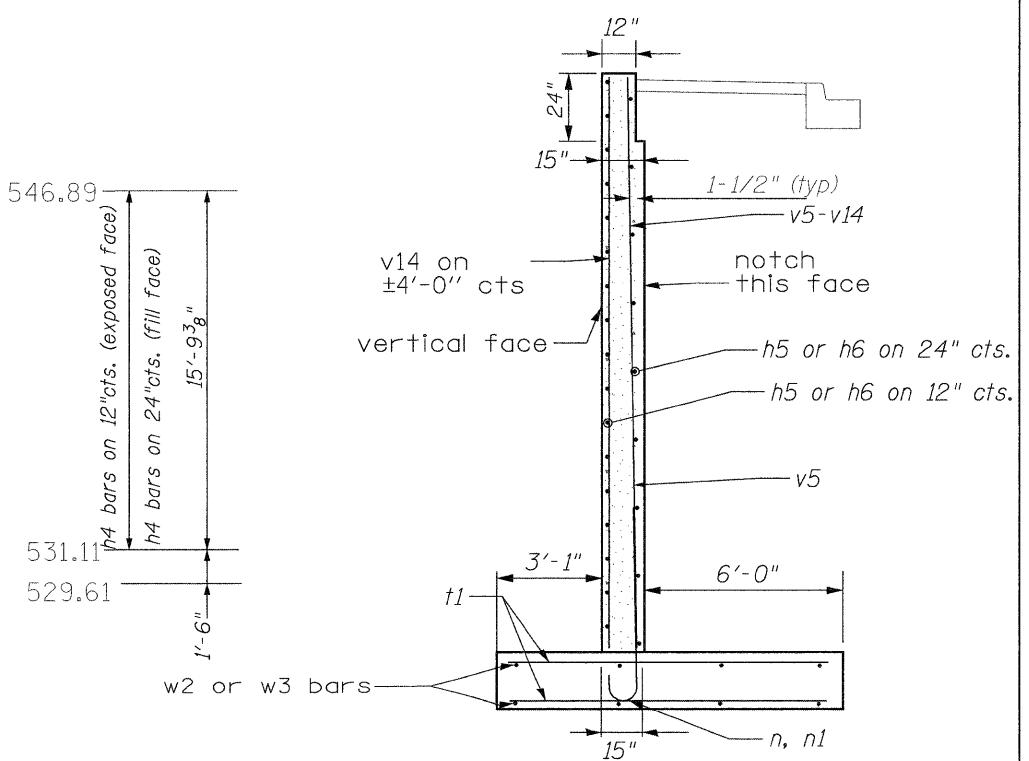
HALF ELEVATION
NW WINGWALL

n	: 23 (#8) (8'-6'')	v ₁₄	: 7 (#4) (16'-8'')
n ₁	: 24 (#7) (5'-2'')	t ₁	: 54 (#6) (10'-1'')
v ₅	: 24 (#6) (9'-6'')	w ₂	: 16 (#5) (20'-9'')
v ₆	: 24 (#4) (9'-0'')	h ₅	: 27 (#4) (20'-9'')
v ₁₇	: 6 (#6) (16'-6'')	h ₈	: 27 (#5) (5'-0'')



HALF ELEVATION
SW WINGWALL

n	: 31 (#8) (8'-6'')	v ₁₁	: 8 (#4) (7'-0'')
n ₁	: 32 (#7) (5'-2'')	v ₁₃	: 9 (#4) (15'-4'')
v ₅	: 32 (#6) (9'-6'')	t ₂	: 65 (#6) (9'-4'')
v ₈	: 8 (#4) (3'-1'')	w ₁	: 16 (#5) (27'-5'')
v ₉	: 8 (#4) (4'-4'')	h ₄	: 21 (#4) (27'-5'')
v ₁₀	: 8 (#4) (5'-7'')	h ₉	: 2 (#4) (28'-0'')



SECTION - NORTH WINGS

*h4 bars in sloped portion of wing shall be ordered full length and cut to fit. Balance of bar to be used on opposite face of wing.

WINGWALL DETAILS
4TH ST. OVER
DALLAS CITY CREEK
STATION 13+89.0

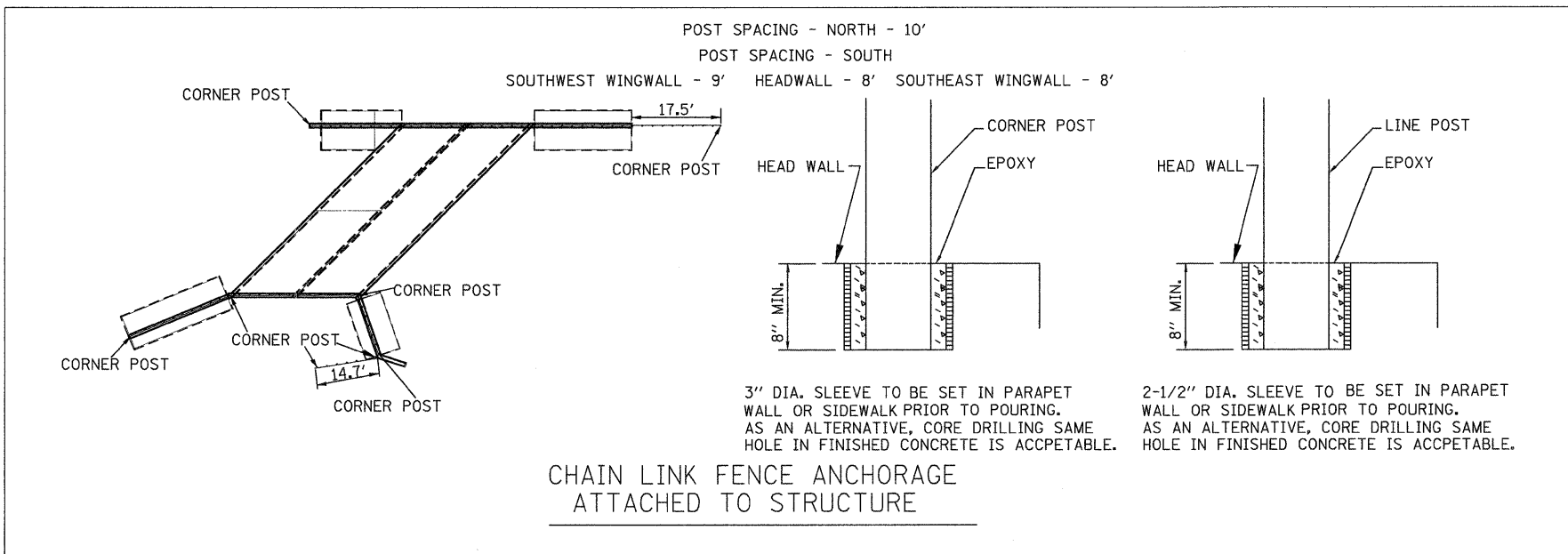
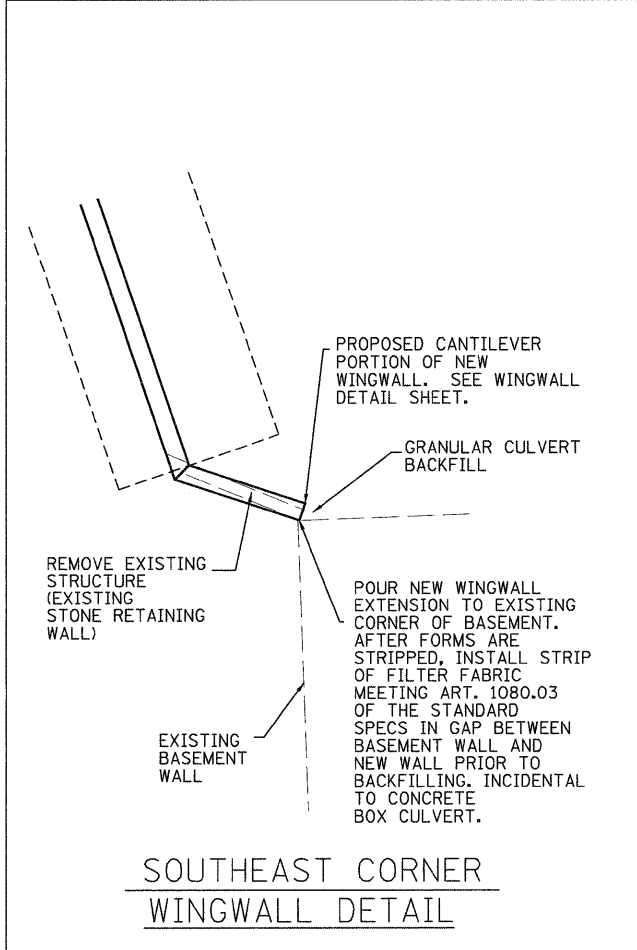
DESIGNED	- JLS	REVISED	-
DRAWN	- JLS	REVISED	-
CHECKED	- CSB	REVISED	-
DATE	- JUN 2008	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WINGWALL DETAILS
DALLAS CITY CULVERT

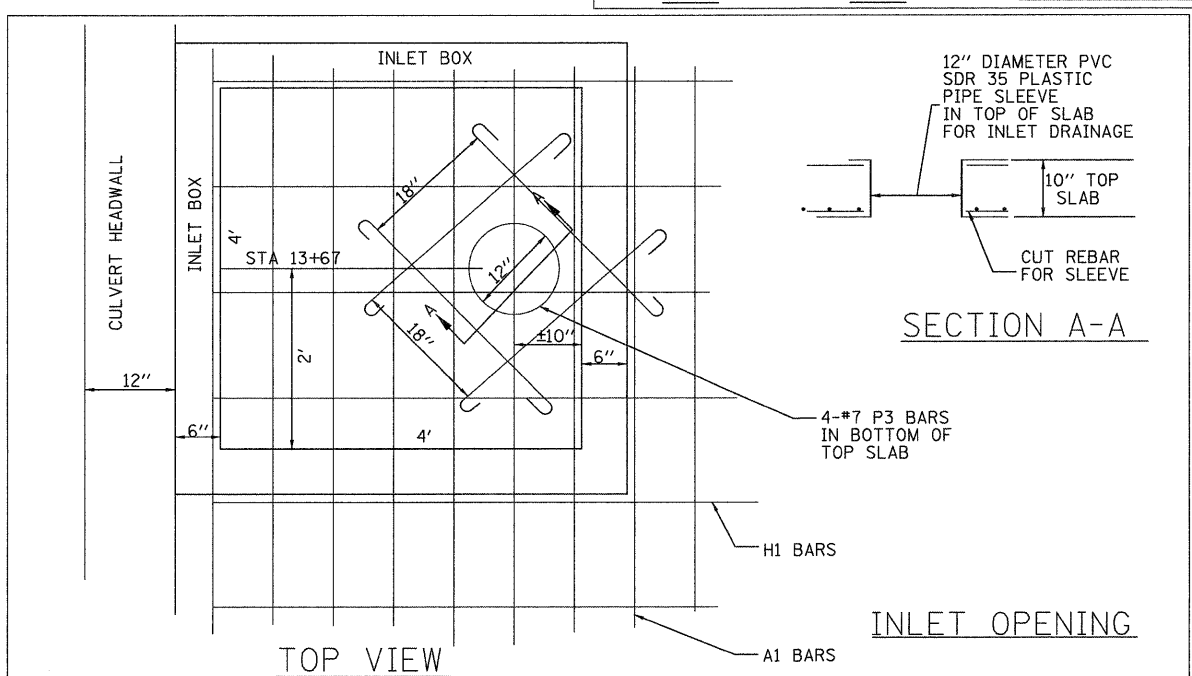
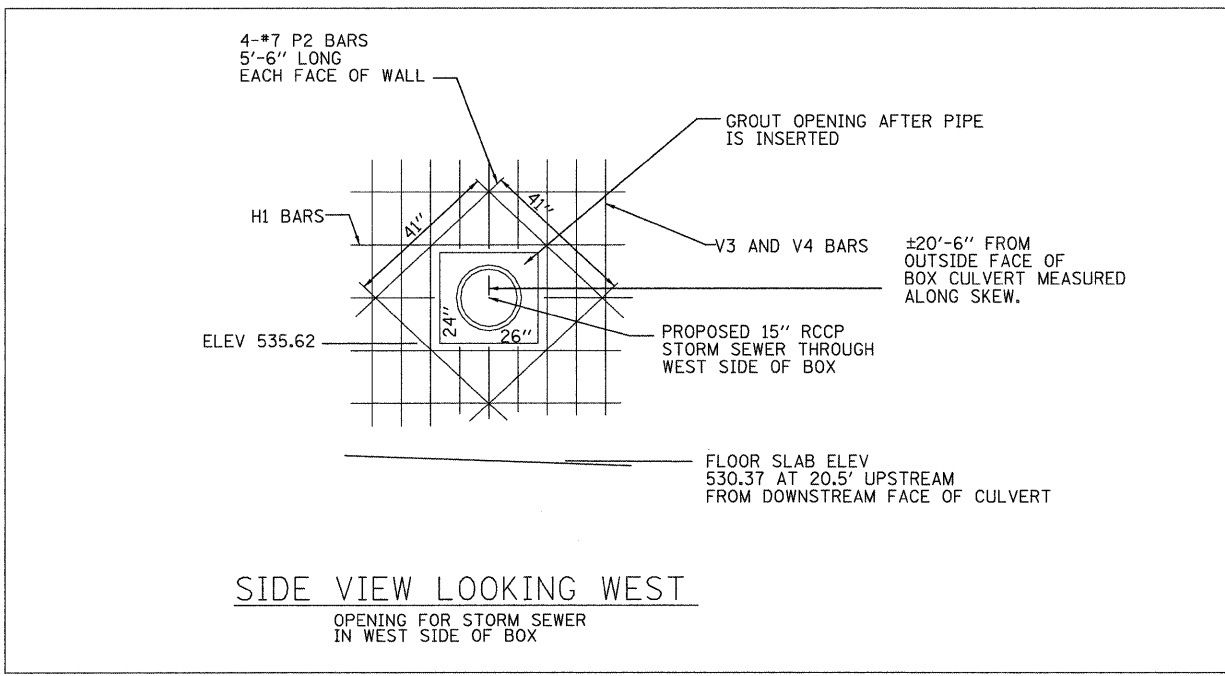
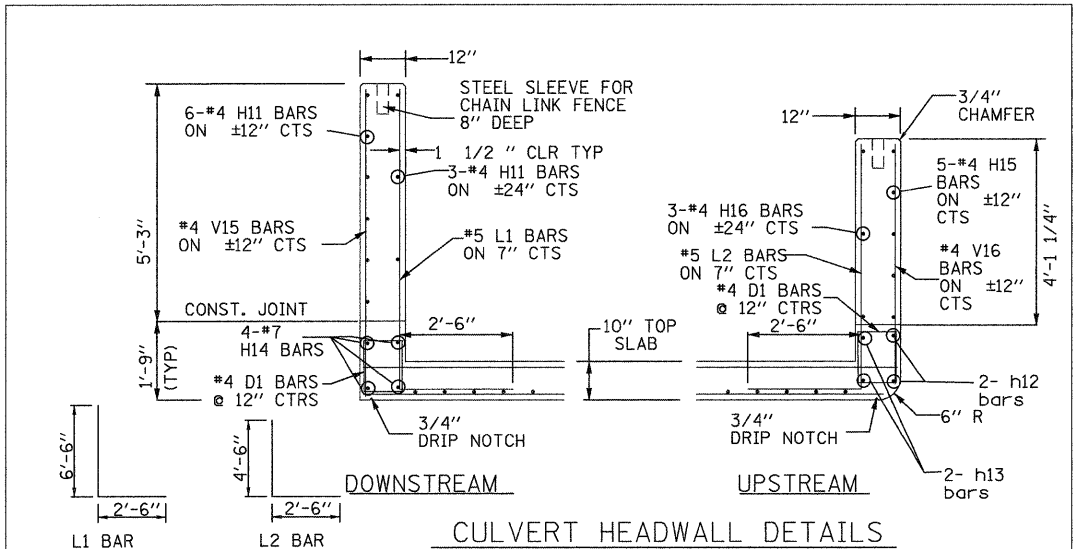
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4TH	05-00014-00-BR	HANCOCK	20	15
SN 034-6028 CONTRACT NO 93497				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4TH ST.	05-00014-00-BR	HANCOCK	20	16
STA. 13+89.0				
FED. ROAD DIST.	ILLINOIS	FED. AID PROJECT		



DALLAS CITY CREEK
STA 13+89.00
BUILT 20__
CITY OF DALLAS CITY AND
THE HANCOCK COUNTY
HIGHWAY DEPARTMENT
SECTION 05-00014-00-BR
STR. NO. 034-6028
LOADING HS20-44

NAME PLATE



MISC CULVERT DETAILS
4TH ST. OVER
DALLAS CITY CREEK
STATION 13+89.0

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4TH	05-00014-00-BR	HANCOCK	20	16
SN 034-6028 CONTRACT NO. 3497				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

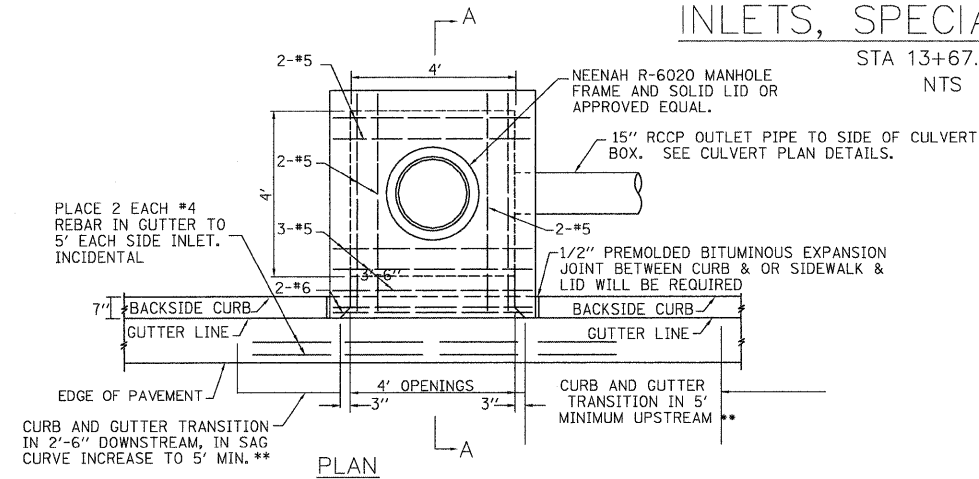
DESIGNED - JLS	REVISED -
DRAWN - JLS	REVISED -
CHECKED - CSB	REVISED -
DATE - JUN 2008	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

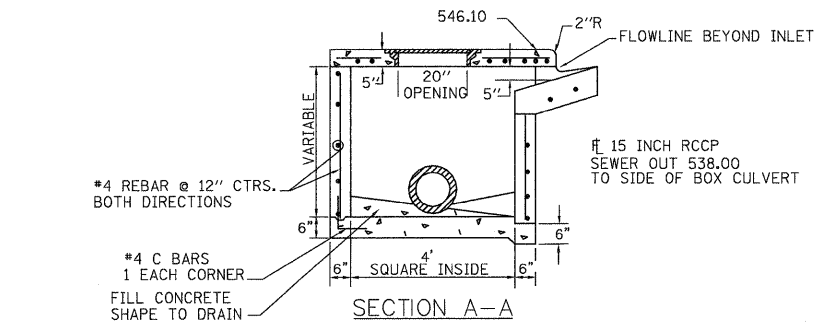
**MISC CULVERT DETAILS
DALLAS CITY CULVERT**

INLETS, SPECIAL, TYPE E

STA 13+67.0 LT
NTS



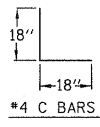
PLAN



SECTION A-A

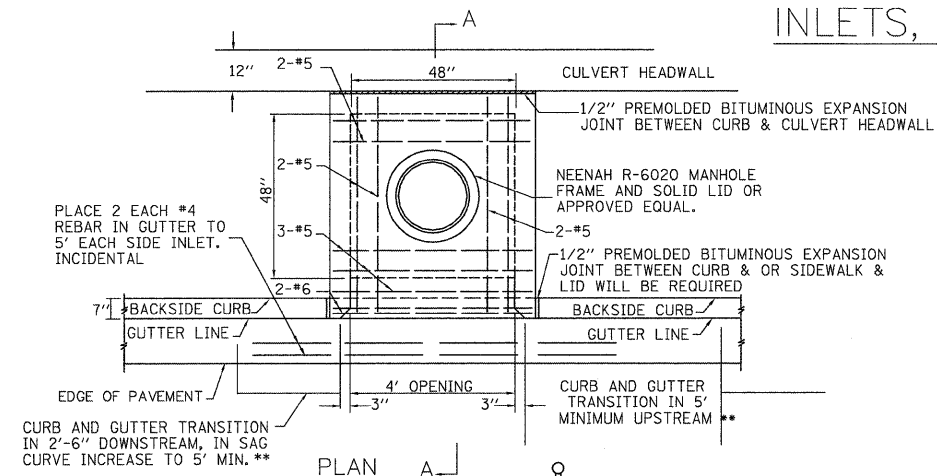
NOTES

1. THE CONTRACT UNIT PRICE FOR INLETS, SPECIAL, TYPE E SHALL INCLUDE THE COST OF THE FRAME AND LID AS SHOWN, THE REINFORCED CONCRETE COVER, EXCAVATION AND FURNISHING AND COMPACTING THE SPECIFIED BACKFILL MATERIAL. ADDITIONALLY IT WILL BE NECESSARY TO MEET ALL OTHER REQUIREMENTS OF SECTION 602 OF THE STANDARD SPECIFICATIONS.
2. FRONT EDGE OF TOP SLAB SHALL CONFORM WITH THE RADIUS OF ADJACENT CURB WHERE INLET IS LOCATED WITHIN CURB RETURNS AT INTERSECTIONS.
3. #4 REBARS SHALL BE PLACED HORIZONTALLY & VERTICALLY AT 12" CENTERS IN WALLS ALL AROUND, WITH 18" X 18" C BARS AT CORNERS.
4. IN LIEU OF C BARS, CONTRACTOR MAY DRILL HOLES 6" DEEP IN BOTTOM SLAB TO HOLD VERTICAL #4 REBARS IN THE WALLS.
5. COST OF REINFORCING BARS INCIDENTAL.
6. WHEN INLET TOP IS NOT CAST IN PLACE, TOP SHALL BE PLACED IN A FULL BED OF MORTAR.
7. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

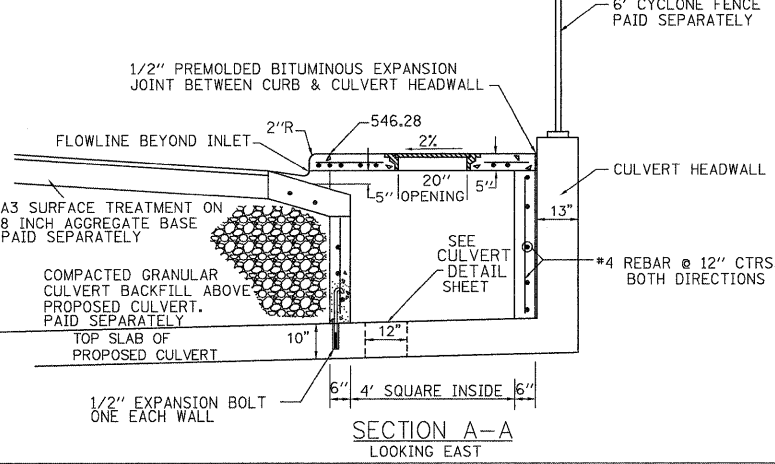


INLETS, SPECIAL, TYPE F

STA 13+67.0 RT
NTS



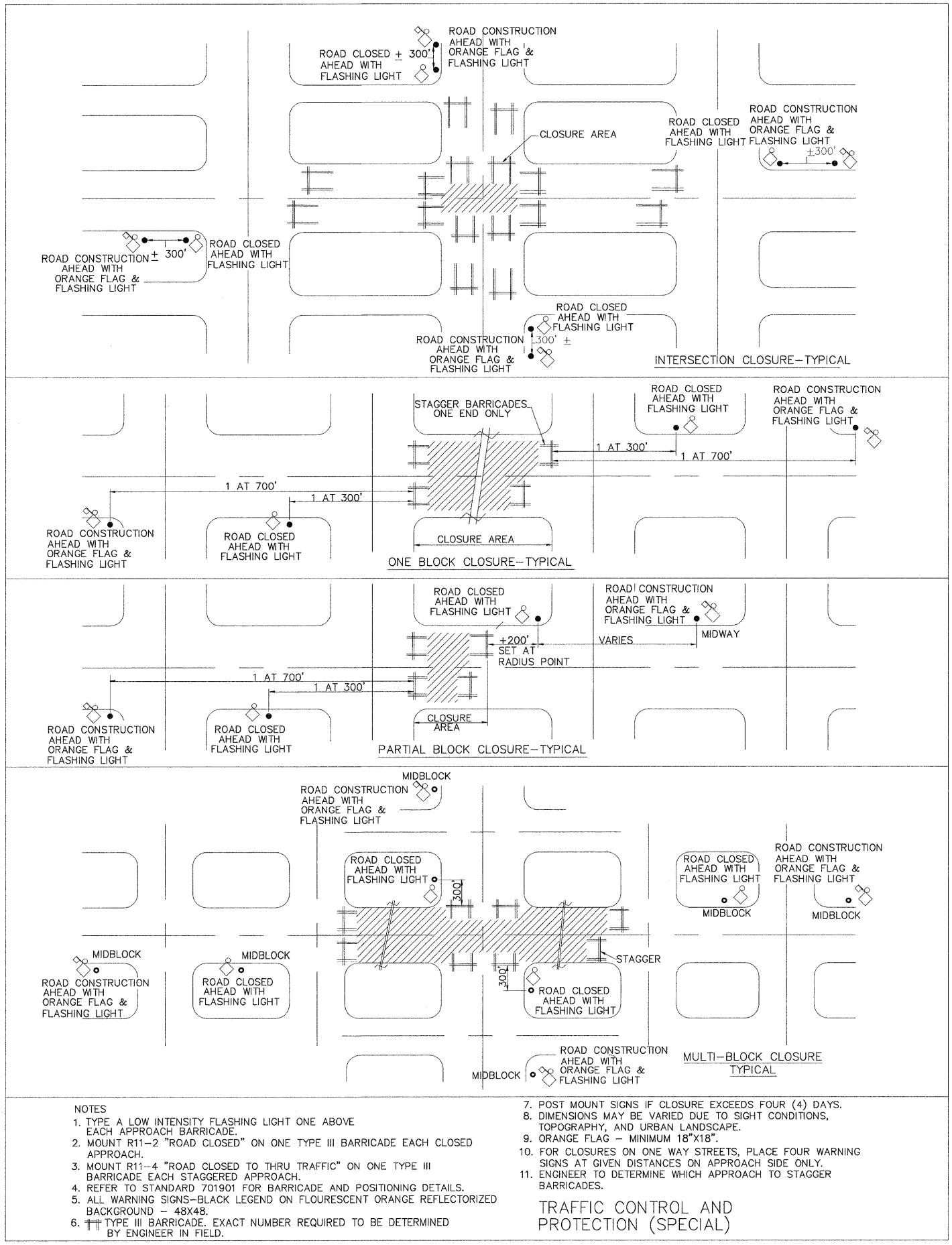
PLAN



SECTION A-A
LOOKING EAST

NOTES

1. THE CONTRACT UNIT PRICE FOR INLETS, SPECIAL, TYPE F SHALL INCLUDE THE COST OF THE FRAME AND LID AS SHOWN, THE REINFORCED CONCRETE COVER, EXCAVATION AND FURNISHING AND COMPACTING THE SPECIFIED BACKFILL MATERIAL. ADDITIONALLY IT WILL BE NECESSARY TO MEET ALL OTHER REQUIREMENTS OF SECTION 602 OF THE STANDARD SPECIFICATIONS.
2. FRONT EDGE OF TOP SLAB SHALL CONFORM WITH THE RADIUS OF ADJACENT CURB WHERE INLET IS LOCATED WITHIN CURB RETURNS AT INTERSECTIONS.
3. COST OF REINFORCING BARS INCIDENTAL.
4. WHEN INLET TOP IS NOT CAST IN PLACE, TOP SHALL BE PLACED IN A FULL BED OF MORTAR.
5. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.



NOTES

1. TYPE A LOW INTENSITY FLASHING LIGHT ONE ABOVE EACH APPROACH BARRICADE.
2. MOUNT R11-2 "ROAD CLOSED" ON ONE TYPE III BARRICADE EACH CLOSED APPROACH.
3. MOUNT R11-4 "ROAD CLOSED TO THRU TRAFFIC" ON ONE TYPE III BARRICADE EACH STAGGERED APPROACH.
4. REFER TO STANDARD 701901 FOR BARRICADE AND POSITIONING DETAILS.
5. ALL WARNING SIGNS-BLACK LEGEND ON FLOURESCENT ORANGE REFLECTORIZED BACKGROUND - 48X48.
6. TYPE III BARRICADE. EXACT NUMBER REQUIRED TO BE DETERMINED BY ENGINEER IN FIELD.
7. POST MOUNT SIGNS IF CLOSURE EXCEEDS FOUR (4) DAYS.
8. DIMENSIONS MAY BE VARIED DUE TO SIGHT CONDITIONS, TOPOGRAPHY, AND URBAN LANDSCAPE.
9. ORANGE FLAG - MINIMUM 18"x18".
10. FOR CLOSURES ON ONE WAY STREETS, PLACE FOUR WARNING SIGNS AT GIVEN DISTANCES ON APPROACH SIDE ONLY.
11. ENGINEER TO DETERMINE WHICH APPROACH TO STAGGER BARRICADES.

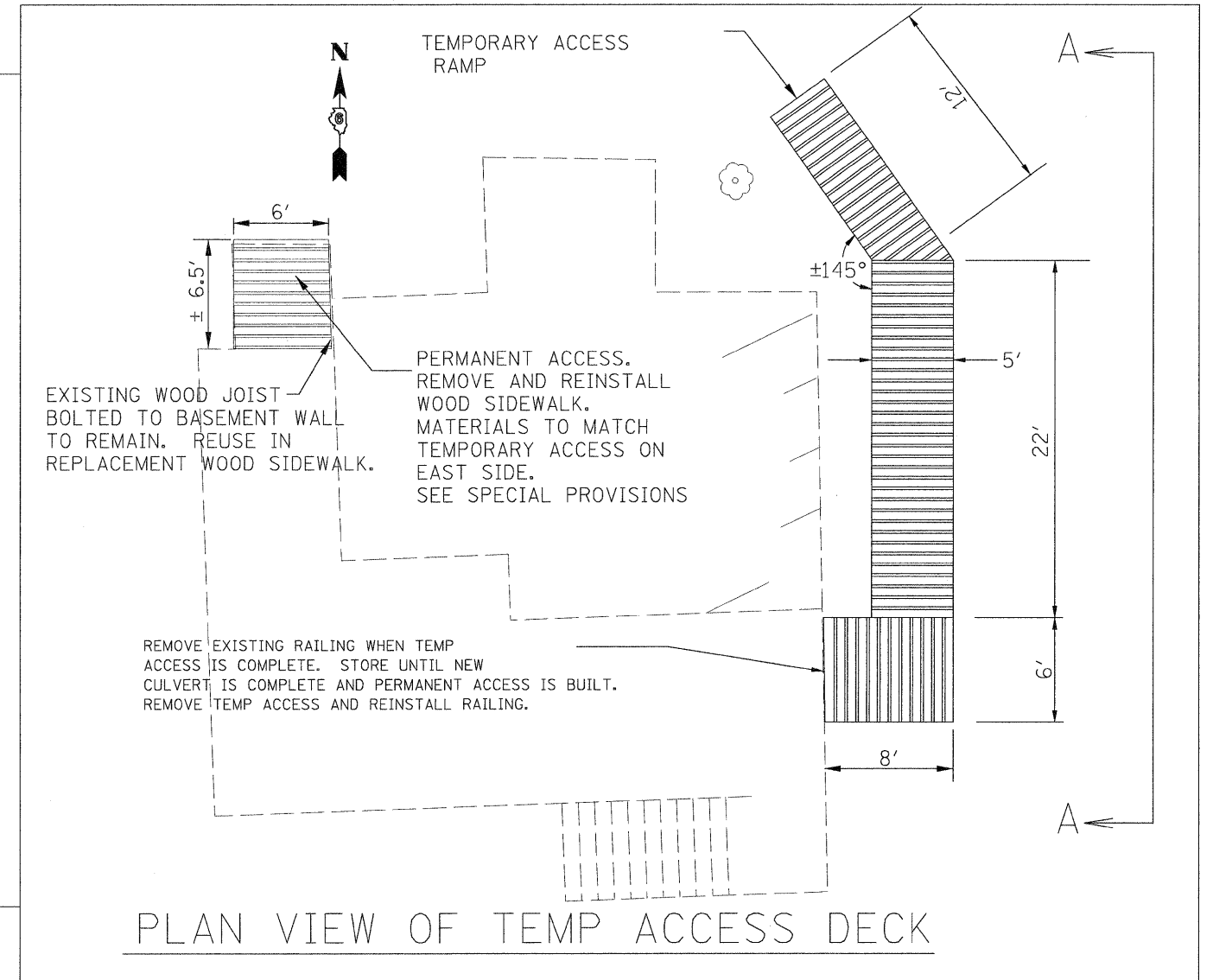
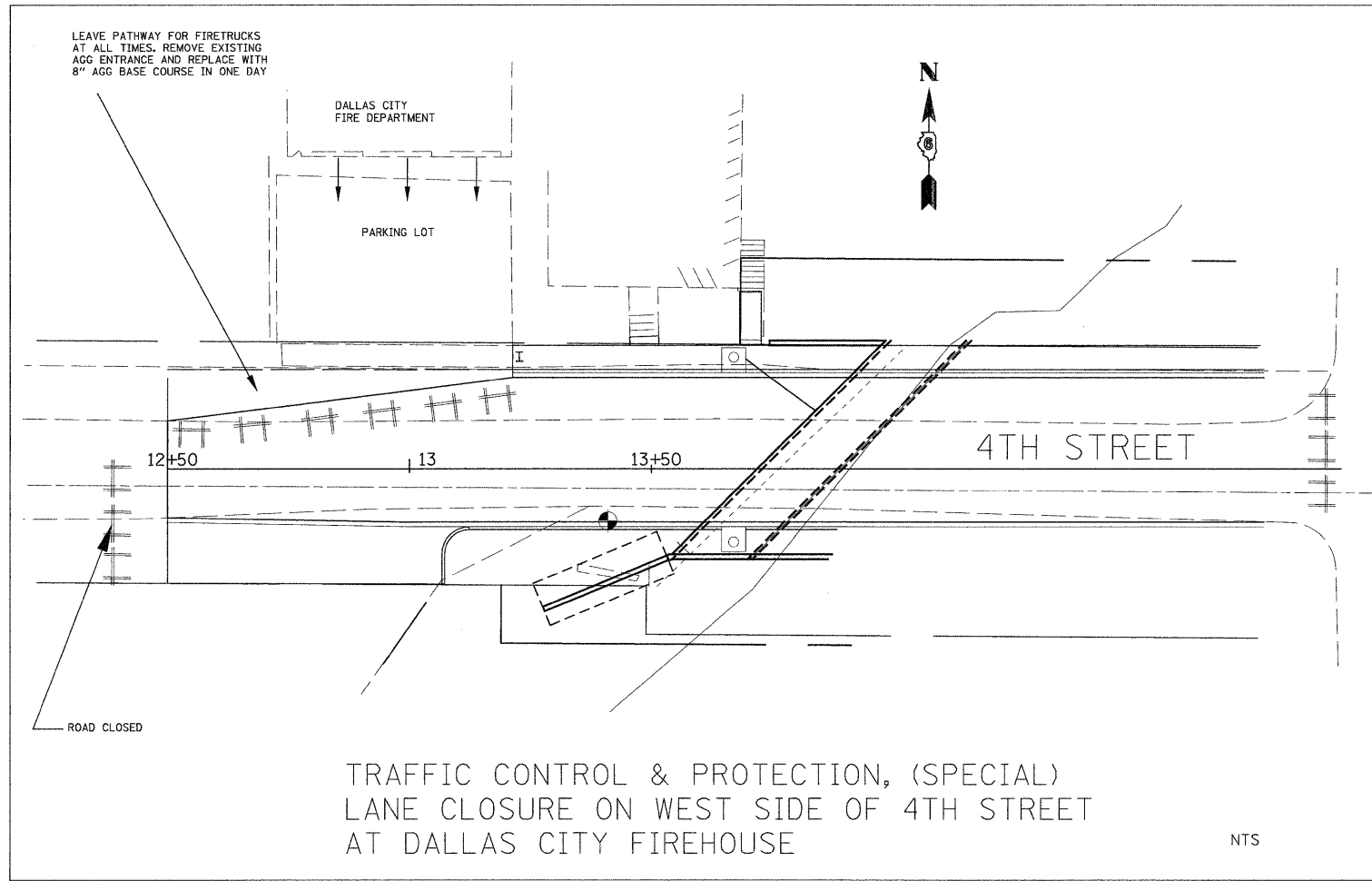
TRAFFIC CONTROL AND
PROTECTION (SPECIAL)

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAIL SHEET 1
DALLAS CITY CULVERT**

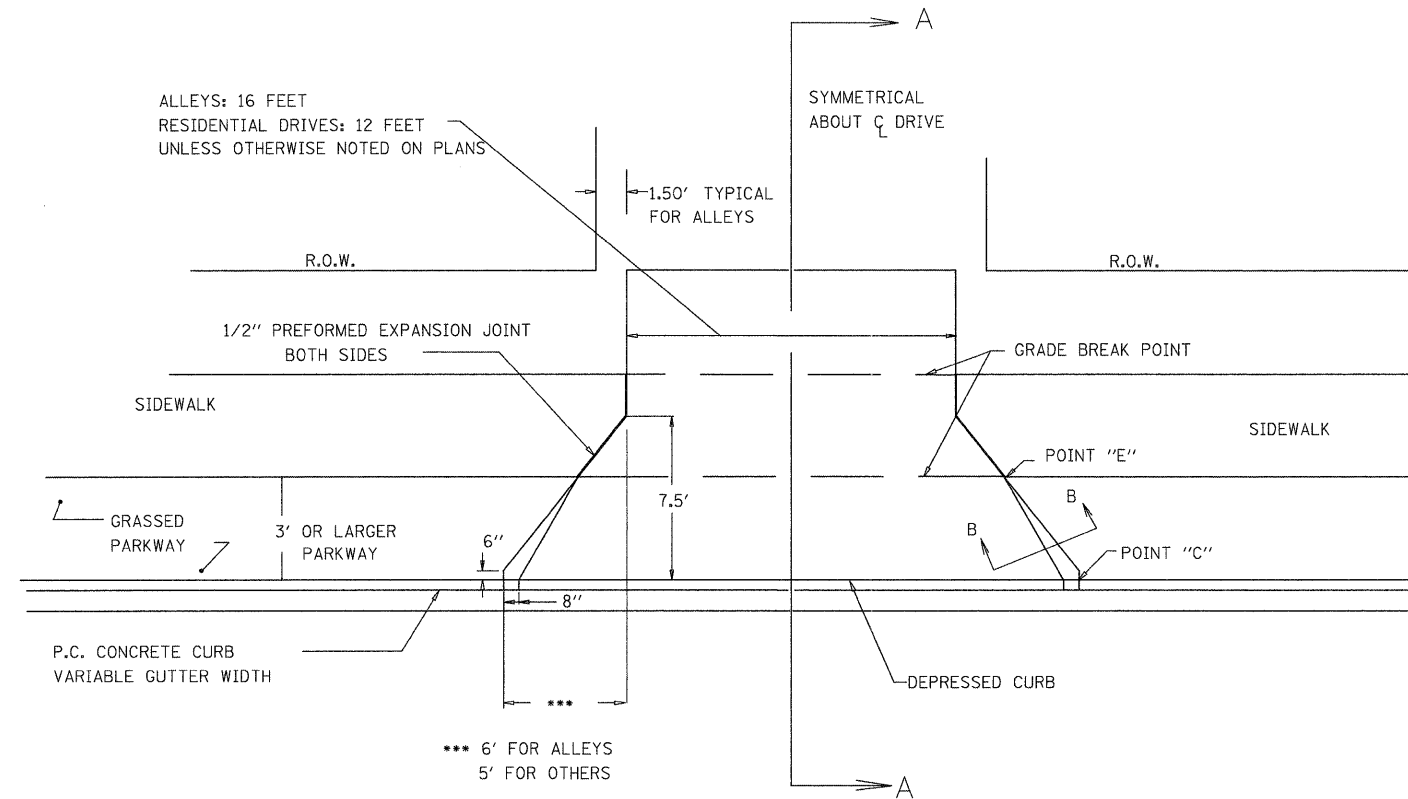
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4TH	05-00014-00-BR	HANCOCK	20	17
				CONTRACT NO. 93497
ILLINOIS FED. AID PROJECT				



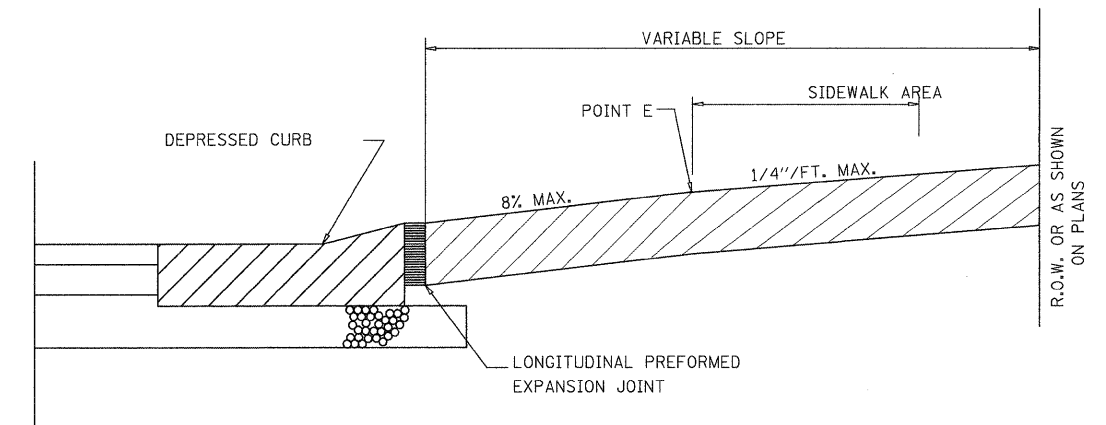
		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL SHEET 2 DALLAS CITY CULVERT			RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		4TH	05-00014-00-BR	HANCOCK	20	18			
		CHECKED -	REVISED -		CONTRACT NO. 93497			ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA. 12+50.00	TO STA. 15+16.90			

ALLEY AND DRIVEWAY STANDARD

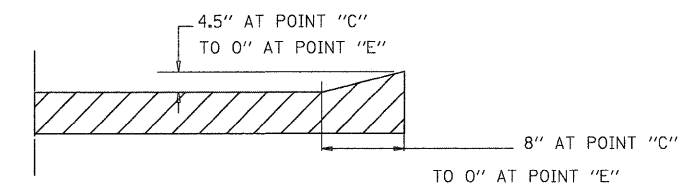
NOT TO SCALE



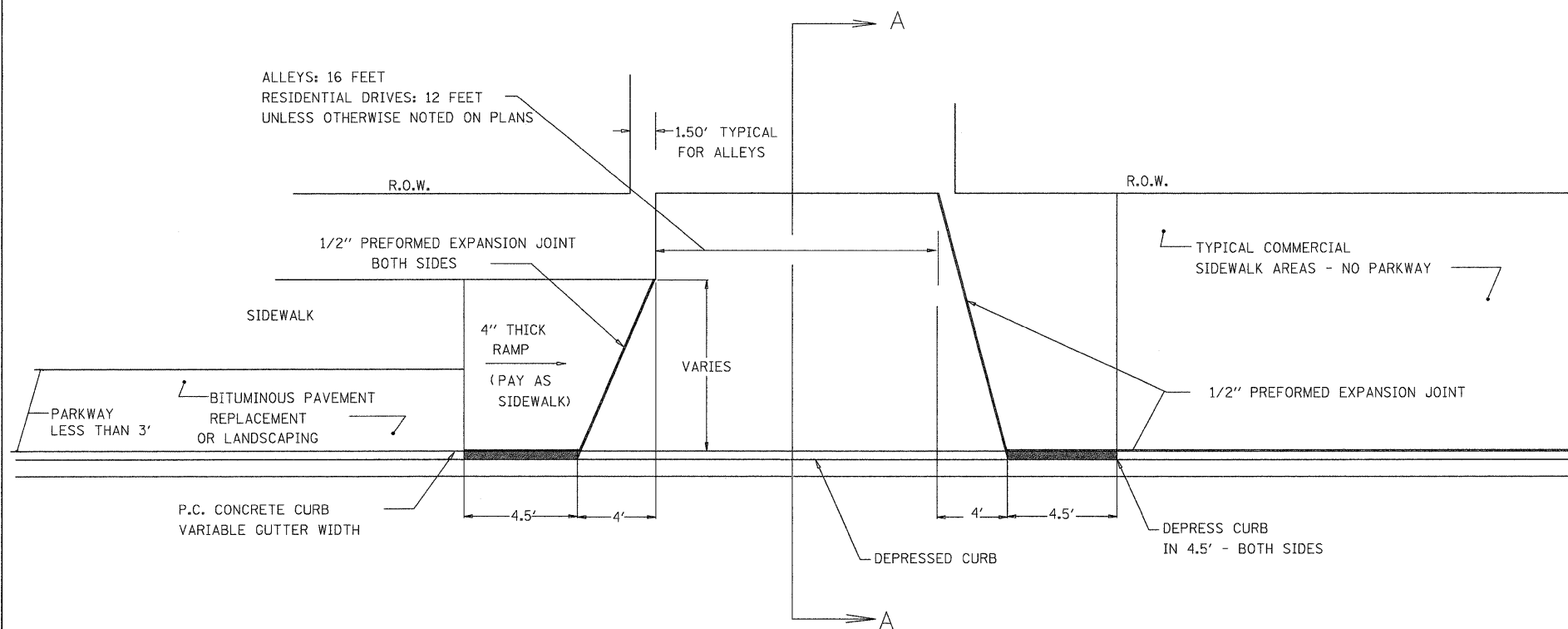
TYPICAL ENTRANCE - 3' PARKWAY OR GREATER



SECTION A-A



SECTION B-B



TYPICAL ENTRANCE - LESS THAN 3' PARKWAY

NOTES

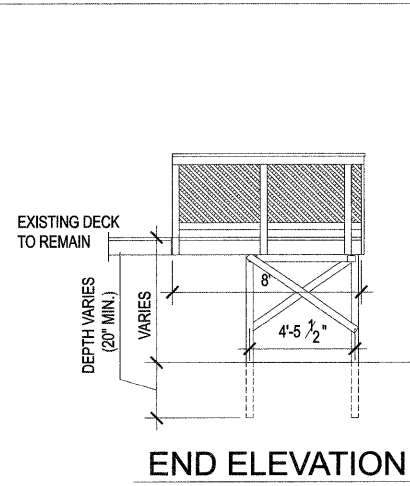
1. CLASS PV CONCRETE SHALL BE USED THROUGH-OUT.
2. THE INSTALLATION OF 1/2" PREFORMED EXPANSION JOINTS WHERE REQUIRED SHALL BE INCLUDED IN THE UNIT PRICE BID FOR P.C.C. DRIVEWAY PAVEMENT.
3. THE UNIT PRICE BID FOR THIS ITEM SHALL INCLUDE THE FURNISHING OF ALL LABOR AND MATERIALS NECESSARY TO CONSTRUCT THE P.C.C. DRIVEWAY PAVEMENT.
4. DRIVEWAY MAY REQUIRE A SLOPE CHANGE AT DETERMINED DISTANCES BEHIND CURB FOR SIDEWALK OR DRAINAGE CORRECTIONS DUE TO EXCESSIVE OR INADEQUATE SLOPE OF STRAIGHT LINE GRADE.
5. COST OF CONSTRUCTING A SLOPE CHANGE IF NECESSARY AND ALL JOINTING SHALL BE INCIDENTAL TO THE COST PER SQUARE YARD OF P.C.C. DRIVEWAY PAVEMENT.
6. REFER TO CROSS SECTIONS FOR DRIVE AND SIDEWALK CROSS SLOPES.
7. REFER TO PLAN AND PROFILE SHEETS FOR DRIVEWAY WIDTHS OR MATCH EXISTING.
8. SAW OR SCRATCH JOINTS IN EACH ENTRANCE SO THAT NO SECTION REMAINS LARGER THAN 12 FEET IN ANY DIMENSION.

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

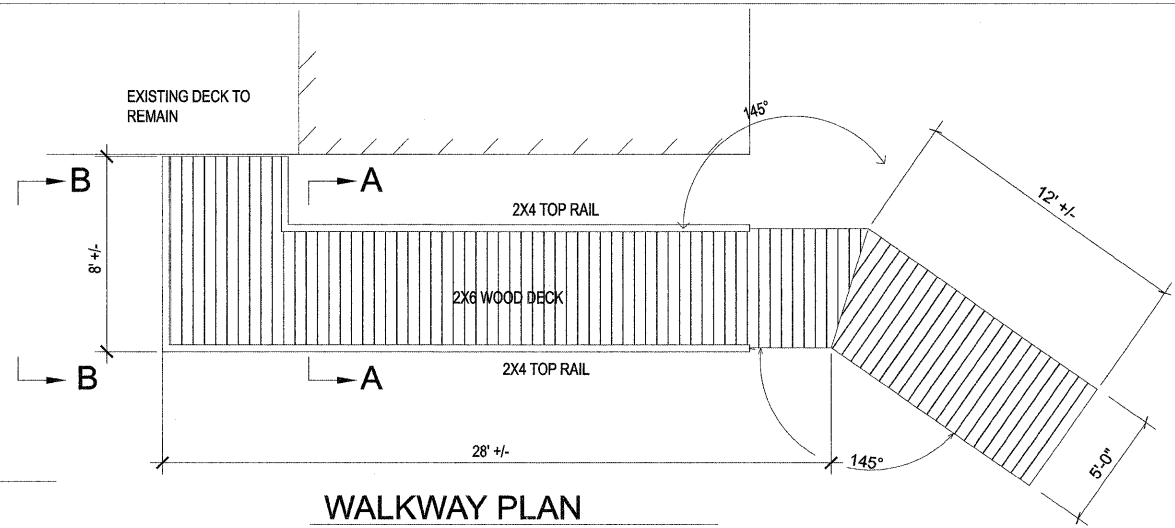
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL SHEET 3
DALLAS CITY CULVERT

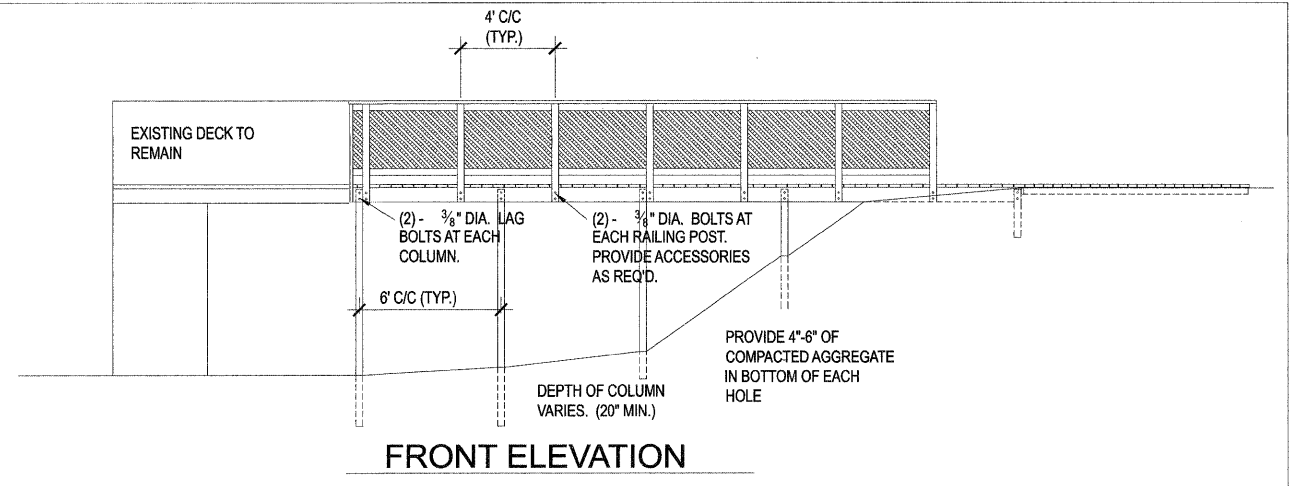
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4TH	05-00014-00-BR	HANCOCK	20	19
			CONTRACT NO. 93497	
ILLINOIS FED. AID PROJECT				



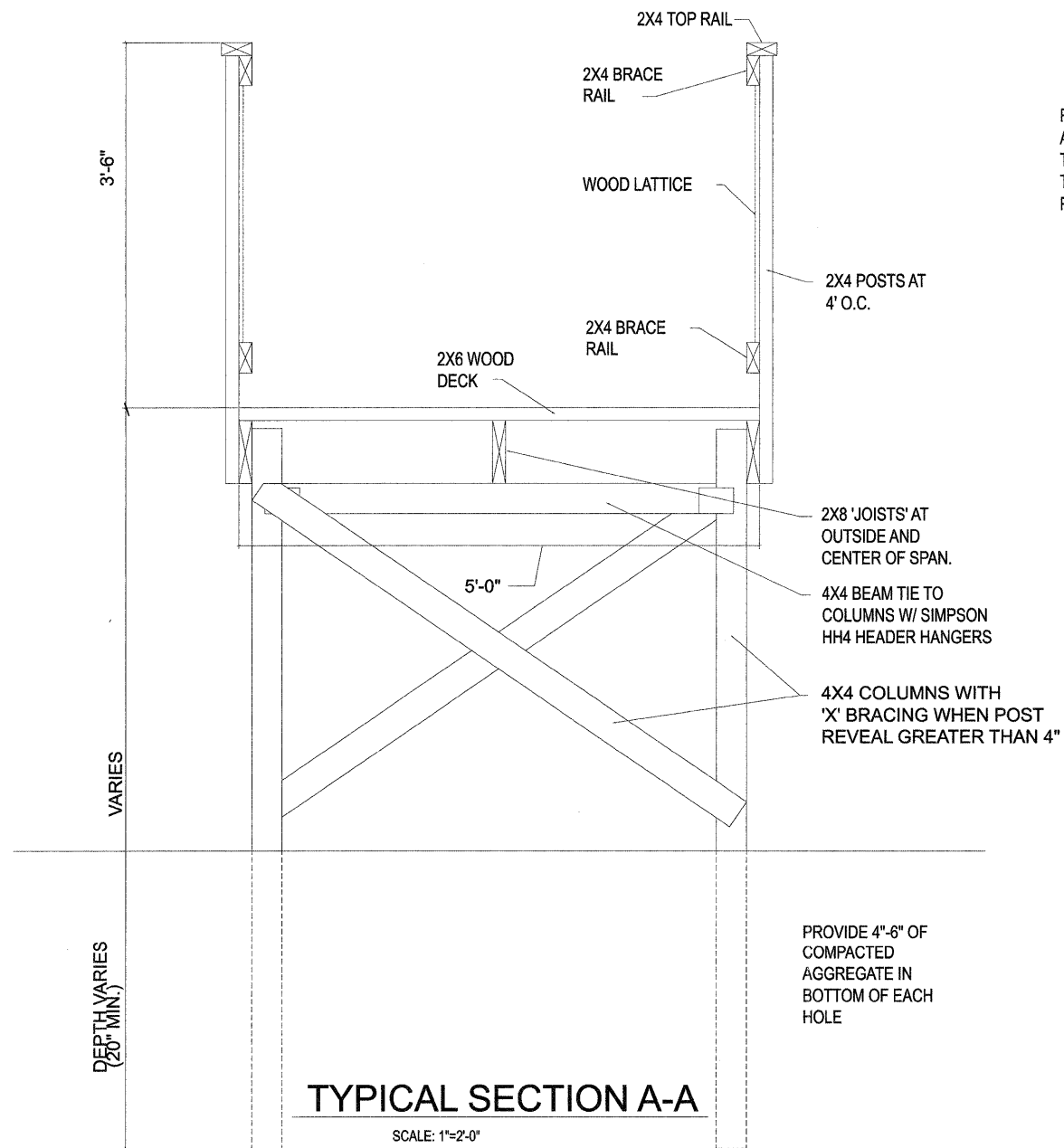
END ELEVATION



WALKWAY PLAN



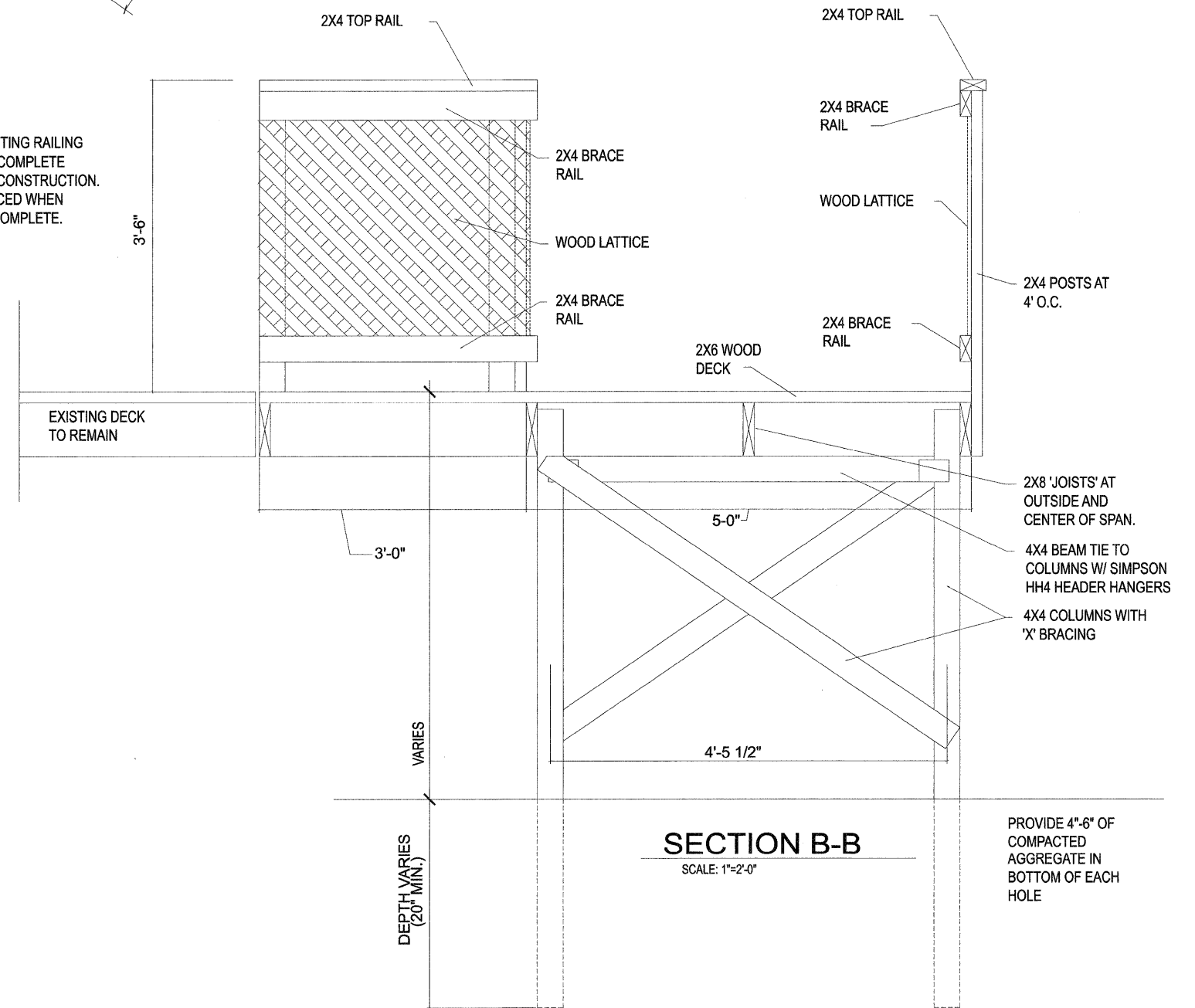
FRONT ELEVATION



TYPICAL SECTION A-A

SCALE: 1"=2'-0"

REMOVE EXISTING RAILING AS REQ'D TO COMPLETE TEMPORARY CONSTRUCTION. TO BE REPLACED WHEN PROJECT IS COMPLETE.



SECTION B-B

SCALE: 1"=2'-0"

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY ACCESS DETAILS
DALLAS CITY CULVERT

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4TH	05-00014-00-BR	HANCOCK	20	20
CONTRACT NO. 93497				

ILLINOIS FED. AID PROJECT