

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
627	U-BR	LASALLE	38	1

INDEX OF SHEETS

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- 14-15 STANDARD DETAILS
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- 28-35 EXISTING STRUCTURE PLANS (FOR INFORMATION ONLY)
- 36-38 CROSS SECTIONS

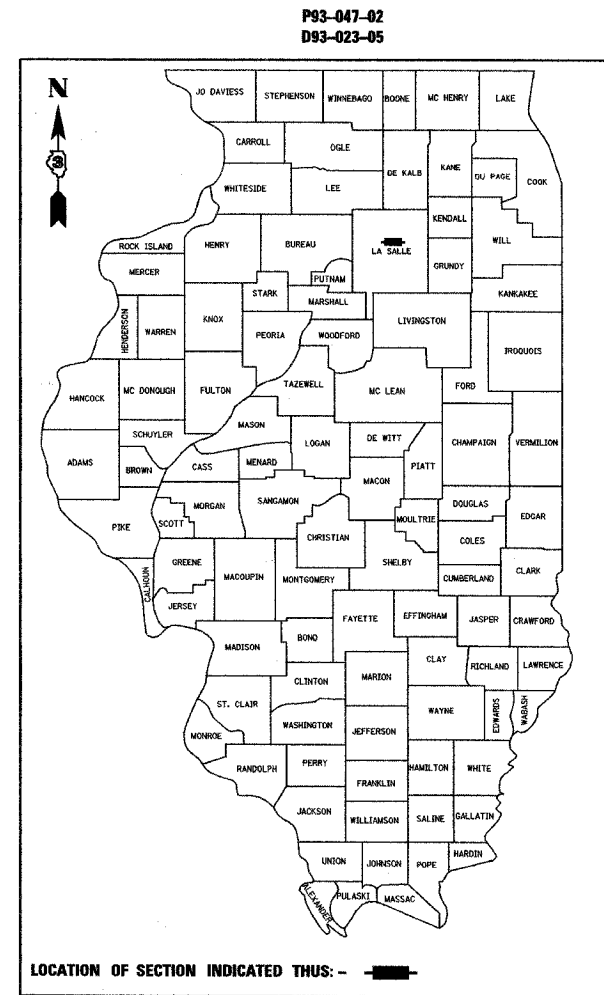
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PLANS FOR PROPOSED FEDERAL AID HIGHWAY

**FAP 67 (IL 71)
SECTION U-BR
PROJECT ACBRF-ACF-0067 (073)
LASALLE COUNTY**

C - 93 - 021 - 05

5.9 MILES EAST OF IL 178

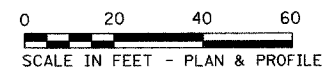
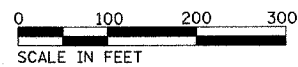
STRUCTURE REPLACEMENT



RURAL MINOR ARTERIAL

2003 ADT = 1250

P.V. = 94.8% S.U. = 4.2% M.U. = 1.0%



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.

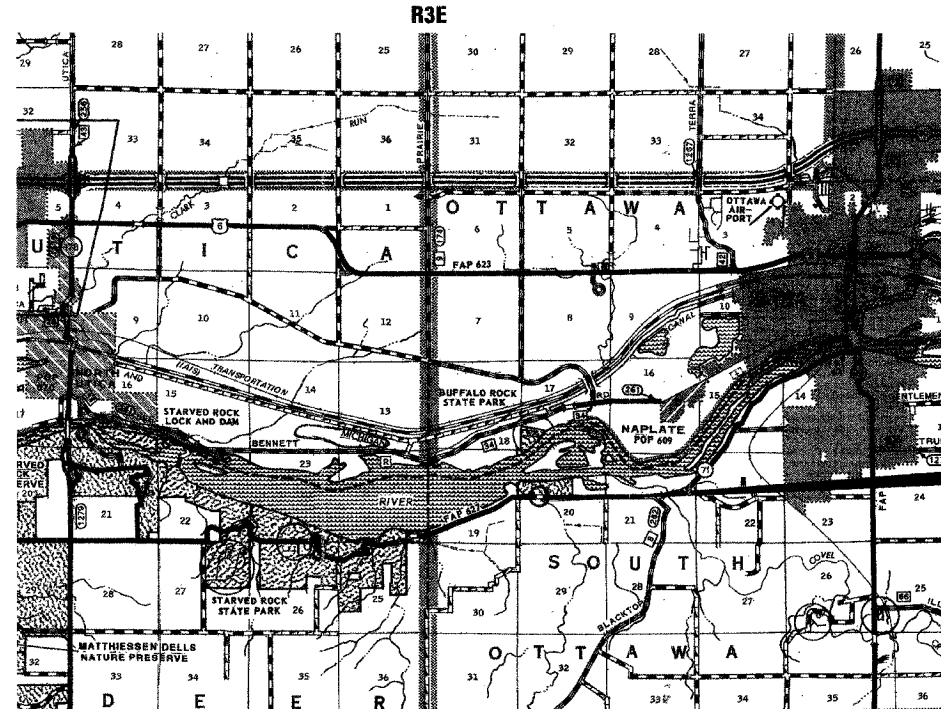
MICROFILMED _____
REEL NUMBER _____
AWARDED _____
RESIDENT ENGINEER _____
AS BUILT CHANGES WERE MADE
ON THE FOLLOWING SHEETS _____

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

DISTRICT 3 NO. (815) 434-6131

**PROJECT ENGINEER: DANIEL DRAPER
UNIT CHIEF: BRAD DUNCAN
TOWNSHIP: SOUTH OTTAWA**

CONTRACT NO. 66544



**LOCATION MAP
NOT TO SCALE**

GROSS LENGTH = 885.48 FT. = 0.168 MI.
NET LENGTH = 731.76 FT. = 0.139 MI.

PROJECT LOCATION

SECTION U-BR INCLUDES:
BRIDGE REPLACEMENT:
REPLACE SN 050-0030 WITH
STRUCTURE NO. 050-0243
(STA 98+58.90)
RESURFACING AND PROFILE
CORRECTION FROM
STA 94+35.81 TO STA 103+21.29



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED August 28, 2006
[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

October 13, 2006
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

October 13, 2006
[Signature]
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

Jan. 08, 2004 / 05/05025/05025-1/V8/COVER .DGN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
627	U-BR	LA SALLE	38	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

HIGHWAY STANDARDS

- 000001-04 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 001006 DECIMAL OF AN INCH AND A FOOT
- 280001-02 TEMPORARY EROSION CONTROL SYSTEMS
- 420401-05 BRIDGE APPROACH PAVEMENT
- 515001-02 NAME PLATE FOR BRIDGES
- 630001-06 STEEL PLATE BEAM GUARDRAIL
- 630201-03 PCC/BITUMINOUS STABILIZATION AT STEEL PLATE BEAM GUARDRAILS
- 630301-03 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 631031-05 TRAFFIC BARRIER TERMINAL, TYPE 6
- 635006-02 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-01 REFLECTOR MARKERS AND MOUNTING DETAILS
- 701006-02 OFF-ROAD OPERATIONS 2L, 2W, 4.5 m (15') TO PAVEMENT EDGE FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
- 701201-02 LANE CLOSURE, 2L, 2W, DAY ONLY ON-ROAD TO 600 mm (24") OFF-ROAD FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
- 701301-02 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-01 LANE CLOSURE 2L, 2W SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
- 701311-02 LANE CLOSURE, 2L, 2W, MOVING OPERATION - DAY ONLY
- 701321-08 LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
- 701326-02 LANE CLOSURE, 2L, 2W PAVEMENT WIDENING FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
- 702001-06 TRAFFIC CONTROL DEVICES
- 704001-02 TEMPORARY CONCRETE BARRIER
- 781001-02 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTES

THE THICKNESS OF BITUMINOUS 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 BITUMINOUS MIXTURE IS PLACED.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS LIFTS.

SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED ON THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

BITUMINOUS MAT PRIME COAT	.08	GAL/SQ YD
AGGREGATE PRIME COAT	0.002	TONS/SQ YD
BITUMINOUS RESURFACING	112	LBS/SQ YD/IN DEPTH
SHORT TERM PAVEMENT MARKING	10	FT/100 FT OF APPLICATION
TEMPORARY DITCH CHECKS	7	BALES
GRANULAR MATERIALS	2.05	TONS/CU YD

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

SBC

NICOR GAS

COMMITMENTS

1. A REVIEW OF THE WETLAND REPORT REVEALED THE PRESENCE OF A WETLAND SITE LOCATED IN THE SOUTHWEST QUADRANT OF THE PROJECT. TO PROTECT THE WETLANDS AN EROSION CONTROL FENCE AND A HIGH VISIBILITY FENCE WILL BE INSTALLED FROM STA. 93+00 TO STA. 96+50, 36' RT PRIOR TO CONSTRUCTION.
 2. WORK WILL BE REQUIRED ON THE ILLINOIS DEPARTMENT OF NATURAL RESOURCES LANDS IN THE NORTHWEST QUADRANT OF THE PROJECT. A LAND USE PERMIT WAS EXECUTED WITH IDNR AND, PER THE PERMIT, THE SITE SUPERINTENDENT FOR THE IDNR, TOM LEVY (815-667-4726) SHALL BE CONTACTED PRIOR TO THE COMMENCEMENT OF WORK.
- NOTIFICATION IS REQUIRED ONCE CONSTRUCTION IS COMPLETE. THE TREES THAT ARE TO BE REMOVED ON THIS PROJECT WILL BE REPLACED AT A 1:1 RATIO WITH BALLED AND BURLAPPED TREES WITH THE REPLACEMENT LOCATIONS TO BE DETERMINED BY THE PARK OFFICIALS.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

REVIEWED BY: Rick Powell
DISTRICT STUDIES & PLANS ENGINEER

DATE: 08/28/06

EXAMINED BY: [Signature]
DISTRICT CONSTRUCTION ENGINEER

[Signature]
DISTRICT MATERIALS ENGINEER

[Signature]
DISTRICT OPERATIONS ENGINEER

COOMBE-BLOXDORF P.C.
Engineers / Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002703

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES
IL ROUTE 71 OVER UNNAMED STREAM
FAP RT 327, SECTION U-BR
LASALLE COUNTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	U-BR	LA SALLE	38	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ACF ACBRF

← 80% FED 20% STATE →

ROADWAY SN 050-0243
EX SN 050-0030

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	TOTAL QNTY	1000	X080-2A	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	33	33	0	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	18	18	0	
20101000	TEMPORARY FENCE	FOOT	350	350	0	
20200100	EARTH EXCAVATION	CU YD	268	268	0	
20300100	CHANNEL EXCAVATION	CU YD	162	162	0	
20400800	FURNISHED EXCAVATION	CU YD	84	84	0	
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	78	0	78	
* 25000200	SEEDING, CLASS 2	ACRE	0.5	0.5	0	
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	31	31	0	
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	31	31	0	
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	31	31	0	
* 25100115	MULCH, METHOD 2	ACRE	0.2	0.2	0	
* 25100630	EROSION CONTROL BLANKET	SQ YD	947	947	0	
28000300	TEMPORARY DITCH CHECKS	EACH	8	8	0	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	34	34	0	
28000400	PERIMETER EROSION BARRIER	FOOT	550	550	0	
28100107	STONE RIPRAP, CLASS A4	SQ YD	234	0	234	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	156.1	156.1	0	
40600300	AGGREGATE (PRIME COAT)	TON	3.9	3.9	0	
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	189	189	0	
40600990	TEMPORARY RAMP	SQ YD	204	204	0	
42001165	BRIDGE APPROACH PAVEMENT	SQ YD	213	213	0	
42001300	PROTECTIVE COAT	SQ YD	365	0	365	
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ YD	43	43	0	
44000100	PAVEMENT REMOVAL	SQ YD	249	249	0	
44000710	BITUMINOUS BASE COURSE REMOVAL	SQ YD	353	353	0	
44001430	BITUMINOUS SHOULDER REMOVAL	SQ YD	126	126	0	
44000030	BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	564	564	0	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	18	18	0	
48202000	BITUMINOUS SHOULDERS SUPERPAVE	TON	15	15	0	
48202600	BITUMINOUS SHOULDERS SUPERPAVE 8"	SQ YD	577	577	0	
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	0	1	
50200100	STRUCTURE EXCAVATION	CU YD	140	0	140	
50300100	FLOOR DRAINS	EACH	12	0	12	
50300225	CONCRETE STRUCTURES	CU YD	56.9	0	56.9	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	202.5	0	202.5	
50300260	BRIDGE DECK GROOVING	SQ YD	273	0	273	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	48800	0	48800	
51201400	FURNISHING STEEL PILES HP10X42	FOOT	198	0	198	

* SPECIALTY ITEM

DATE = 05/30/2006
 PLOT SCALE = 1/8" = 100'-0"
 USER NAME = DFC

COOMBE-BLOXDORF P.C.
 Engineers / Land Surveyors
 Springfield, Illinois
 Design Firm License No. 184-002703

REVISIONS	
NAME	DATE

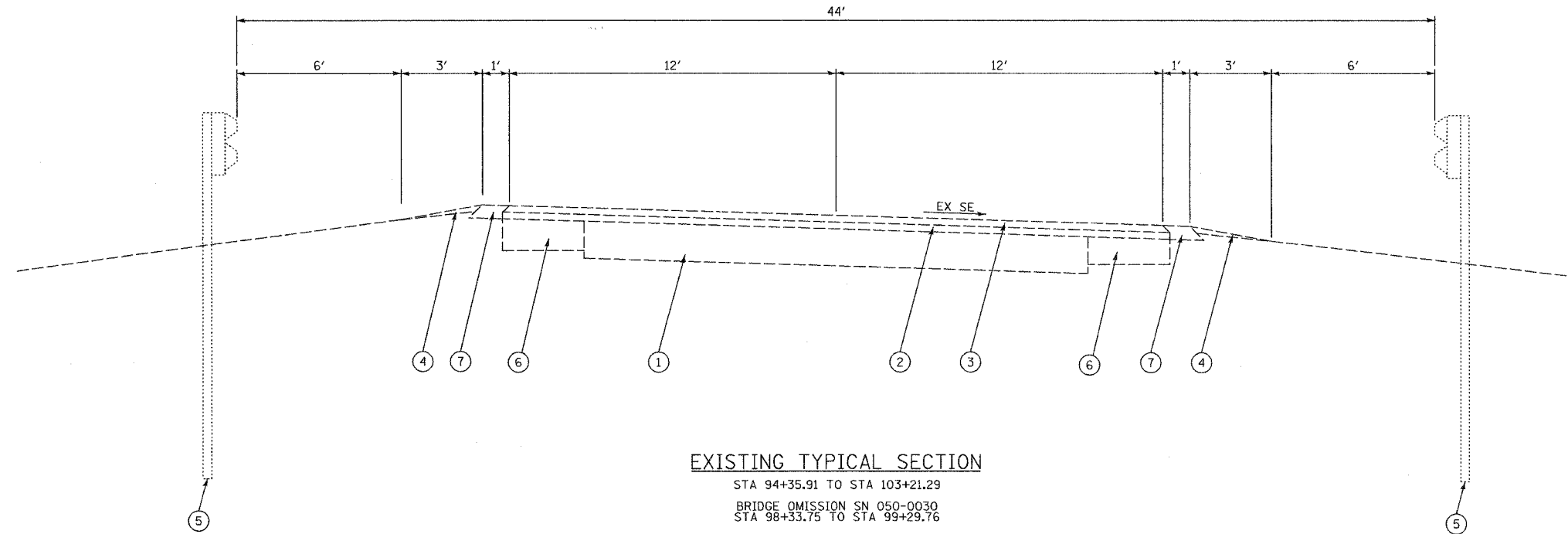
ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 IL ROUTE 71 OVER UNNAMED STREAM
 FAP RT 67, SECTION U-BR
 LA SALLE COUNTY

SCALE:
 DATE: 01/13/06

DRAWN BY
 CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
627	U-BR	LA SALLE	38	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



EXISTING TYPICAL SECTION

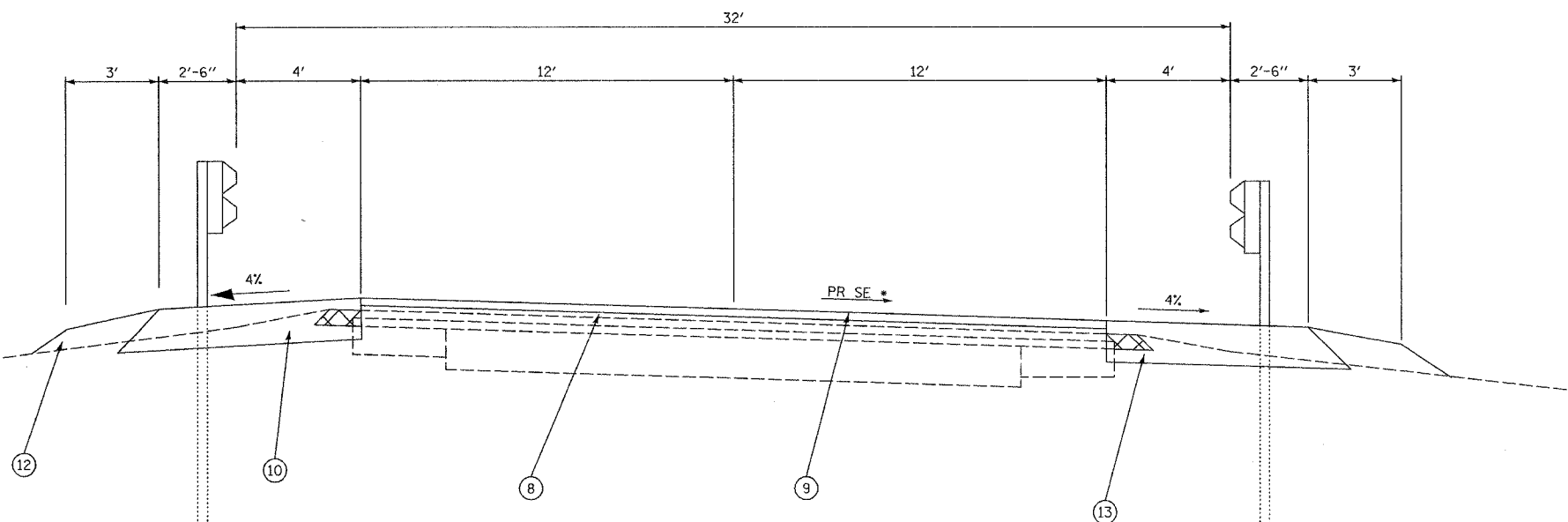
STA 94+35.91 TO STA 103+21.29
 BRIDGE OMISSION SN 050-0030
 STA 98+33.75 TO STA 99+29.76

- ① EX 8" PCC PAVEMENT
- ② EX LEVELING BINDER (MACH METHOD)
- ③ EX BITUMINOUS SURFACE CSE
- ④ EX AGGREGATE SHOULDER, TYPE B
- ⑤ EX GUARDRAIL
- ⑥ EX 6" WIDENING
- ⑦ EX 1' BIT SAFETY SHOULDER - TBR
- ⑧ PR BIT CONC BINDER CSE, SUPERPAVE, VAR. DEPTH OR PR BIT CONC LVL BND, VAR. DEPTH (SEE MIX TABLE AND SCHEDULE FOR DETAILS)
- ⑨ PR BIT CONC SURFACE CSE, SUPERPAVE, 1-1/2" (SEE MIX TABLE FOR DETAILS)
- ⑩ PR BIT SHOULDER, SUPERPAVE, 8" (SEE MIX TABLE FOR DETAILS)
- ⑪ PR STEEL PLATE BEAM GUARDRAIL, TYPE A OR TRAFFIC BARRIER TERMINAL, TYPE 6 OR TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (FLARED)
- ⑫ PR FURNISHED EXCAVATION
- ⑬ PR BIT CONC BASE COURSE, 8"

MIX DESIGN TABLE

	SUPERPAVE BINDER	SUPERPAVE LEVEL BINDER	SUPERPAVE SURFACE	SUPERPAVE BASE COURSE & SHOULDERS
PG GRADE	PG 64-22	PG 64-22	PG 64-22	PG 64-22
MAX % RAP ALLOWABLE **	25%	25%	15%	25%
DESIGN AIR VOIDS	4% @ N50	4% @ N50	4% @ N50	2.0% @ N50
MIXTURE COMPOSITION	IL 19.0	IL 9.5	IL 12.5 OR IL 9.5	IL 19.0 BAM
FRICTION AGGREGATE			MIXTURE C	
PLANT CONTROL LIMITS	CLASS I	CLASS I	CLASS I	NON-CLASS I
DENSITY TEST METHOD	CORES/NUCLEAR METHOD	SATISFACTION OF ENGINEER	CORES/NUCLEAR METHOD	SEE SPECIAL PROVISIONS

** IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.



PROPOSED TYPICAL SECTION

STA 94+35.91 TO STA 103+21.29
 BRIDGE OMISSION SN 050-0243
 STA 97+82.04 TO STA 97+88.04 FLEXIBLE CONNECTOR PVT
 STA 97+88.04 TO STA 98+18.04 BRIDGE APPROACH PVT
 STA 98+17.46 TO STA 99+00.34 BK TO BK ABUTMENT
 STA 98+93.76 TO STA 99+29.76 BRIDGE APPROACH PVT
 STA 99+29.76 TO STA 99+35.76 FLEXIBLE CONNECTOR PVT

NOTE:
 PR 1' BIT SHLDR/3' AGG WEDGE SHLD (OVERLAY EX)
 NO PR GUARDRAIL
 RT STA 94+31.51 TO STA 95+42
 LT STA 100+70.93 TO STA 103+21.29
 RT STA 100+89.89 TO STA 103+21.29
 PR 4' BIT CONC BASE COURSE, 8"
 NO PR GUARDRAIL
 RT STA 95+42 TO STA 97+00

* PROPOSED SE
 STA 95+78.90 TO STA 96+36.31 SE = 0.040 '"/' TO THE LT. (OPPOSITE OF SHOWN)
 STA 96+36.31 TO STA 97+98.81 SE TRANS. 0.040 '"/' TO NC 0.015 '"/'
 STA 97+98.81 TO STA 99+15.55 NC 0.015 '"/'
 STA 99+15.55 TO STA 100+78.05 SE TRANS. NC 0.015 '"/' TO 0.040 '"/' TO THE RT (AS SHOWN)
 STA 100+78.05 TO STA 101+38.90 SE = 0.040 '"/' TO THE RT
 STA 101+38.90 TO STA 103+21.29 SE TRANS. 0.040 '"/' TO NC 0.015 '"/'

REVISIONS	
NAME	DATE

COOMBE-BLOXDORF P.C.
 Engineers / Land Surveyors
 Springfield, Illinois
 Design Firm License No. 184-002703

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL SECTION
 IL ROUTE 71 OVER CREEK
 FAP RT 627, SECTION
 LA SALLE COUNTY
 SCALE: 1"=40'
 DATE
 DRAWN BY CFC
 CHECKED BY MCB

PLOT DATE = 06/17/2006
 PLOT SCALE = 2.0000 / IN.
 USER NAME = CFC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
627	U-BR	La SALLE	38	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

STATION	PAVEMENT REMOVAL LENGTH	PAVEMENT REMOVAL
	FT	SQ YD
STA 97+82.04 TO STA 98+33.75	51.71	138
STA 98+94.05 TO STA 99+35.76	41.71	111
TOTAL		249

LOCATION STA TO STA	WIDTH	BR APPR PVT
	FT	SQ. YD
STA 97+88.04 TO STA 98+18.04	32	106.67
STA 98+99.76 TO STA 99+29.76	32	106.67
TOTAL		213.00

APPROX. LOCATION	WIDTH	STREET NAME	TEMP RAMP
			SQ. YD
94+35.81	24	BEGINNING OF JOB	13.33
97+82.04	24	STR. OMISSION STAGE I	32.00
99+35.76	24	STR. OMISSION STAGE I	32.00
97+82.04	24	STR. OMISSION STAGE II	32.00
99+35.76	24	STR. OMISSION STAGE II	32.00
97+82.04	24	STR. OMISSION RESURFACING	13.33
99+35.76	24	STR. OMISSION RESURFACING	13.33
103+21.29	24	END OF JOB	13.33
97+28.63	40	PE STA 97+28.63	22.22
TOTAL			204.00

STATION	TBT	SPBGR	TBT	G/R MKR	TERM MKR
	TY 6	TY A	TY 1	TY A	DIR. APP.
	EACH	FOOT	EACH	EACH	EACH
LT STA 89+79.17 TO STA 90+29.17			1		1
LT STA 93+65.41 TO STA 97+77.91		412.5		5	
LT STA 97+77.91 TO STA 98+08.56	1				
LT STA 98+90.28 TO STA 99+20.93	1				
LT STA 99+20.93 TO STA 100+20.93		100		2	
LT STA 100+20.93 TO STA 100+70.93			1		1
RT STA 97+46.87 TO STA 97+96.87			1		1
RT STA 97+96.87 TO STA 98+27.51	1			1	
RT STA 99+09.24 TO STA 99+39.89	1				
RT STA 99+39.89 TO STA 100+39.89		100		2	
RT STA 100+39.89 TO STA 100+89.89			1		1
TOTALS	4	612.5	4	10	4

LOCATION STA TO STA	WIDTH	FLEX PVT CONN
	FT	SQ. YD
STA 97+82.04 TO STA 97+88.04	32	21.33
STA 99+29.76 TO STA 99+35.76	32	21.33
TOTAL		43.00

LOCATION (STATION)	DIAMETER 6-15 (UNITS)	DIAMETER OVER 15 (UNITS)
LT STA 97+24	6	
LT STA 97+31	6	
LT STA 97+48.5	7	
LT STA 97+49	7	
LT STA 97+49.5	7	
LT STA 97+97		18
TOTAL	33	18

LOCATION	PERIMETER EROSION BARRIER	TEMPORARY DITCH CHECKS	TEMPORARY FENCE
	FT	EA	FT
RT STA 93+00 TO STA 96+50, 36' RT	350		350
ADDITIONAL CONTINGENCY QTY	200	8	
TOTAL	550	8	350

STATION	SPBGR REM
	FT
LT STA 89+79.17 TO STA 90+29.17	50
LT STA 93+64.98 TO STA 98+20.94	455.96
RT STA 97+44.98 TO STA 98+46.54	101.56
LT STA 98+80.73 TO STA 100+44.94	164.21
RT STA 99+07.00 TO STA 100+09.35	102.35
TOTAL	874.08

LOCATION STATION TO STATION	LENGTH (FT)	REMOVAL (SQ FT)
CENTERLINE (6") STA 93+52.30 TO STA 103+56.59	1004.29	125.54
EDGE LINES (4") STA 93+52.30 TO STA 103+56.59	1004.29	670
TOTAL		796

STATION ON PARAPET	BARR MKR, TY B EACH
LT STA 98+49.66	1
RT STA 98+68.14	1
TOTAL	2

LOCATION STATION TO STATION (FROM STOP BAR TO STOP BAR)	LENGTH	6" YELLOW SKIP-DASH	4" WHITE SOLID
		(FT)	(FT)
IL 71 STA 93+52.30 TO 103+56.59	1004.29	251.1	2008.6
TOTAL	1004.3	251	2009

LOCATION STATION TO STATION	RAISED REFL. REM	RAISED REFL. BI-DIR YELLOW
	(EACH)	(EACH)
STA. 94+35.81 TO STA. 97+82.04	4	4
STA. 99+35.76 TO STA 103+21.29	5	5
TOTAL	9	9

LOCATION STATION TO STATION	LENGTH	SHORT TERM (FT)
4' SKIP-DASH CENTERLINE STA 93+52.30 TO STA 103+56.59	1004.29	100
SHORT-TERM EDGE LINES STA 93+52.30 TO STA 103+56.59	1004.29	80
TOTAL		180

LOCATION STATION TO STATION	LENGTH (FT)	REMOVAL (SQ FT)
STOP BAR STA 93+52.30		24
STOP BAR STA 103+56.59		24
STOP BAR PE STA 97+82.04		15.3
TEMPORARY EDGE LINES STA 93+52.30 TO 103+56.59 STAGE I	1004.29	335
TEMPORARY EDGE LINES STA 93+52.30 TO 103+56.59 STAGE II	1004.29	335
SHORT-TERM EDGE LINES STA 93+52.30 TO 103+56.59 PRIOR TO SURF CSE	1004.29	26.84
SHORT-TERM SKIP-DASH STA 93+52.30 TO 103+56.59 PRIOR TO SURF CSE	1004.29	33.33
TOTAL		793

COOMBE-BLOXDORF P.C.
 Engineers / Land Surveyors
 Springfield, Illinois
 Design Firm License No. 184-002703

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF QUANTITIES
 IL ROUTE 71 OVER UNNAMED STREAM
 FAP RT 627, SECTION U-BR
 LA SALLE COUNTY
 SCALE: DATE: 01/13/06
 DRAWN BY: CHECKED BY:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
627	U-BR	La SALLE	38	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

LOCATION STATION TO STATION		BIT SURF REM. BUTT JOINT	BIT SURF REM. VD	BIT PRIME COAT	AGG PRIME COAT	BIT CONC LVL BND, N70, V.D.	BIT CONC BND CSE, N70, V.D.	BIT CONC SURF CSE SUPER, MIX C, N70 1-1/2"
		SQ YD	SQ YD	GAL	TON	TON	TON	TON
94+35.81	94+74	101.9		8.15	0.20			8.56
94+74	95+74		144.4	21.33	0.53	53.366		23.33
95+74	96+94		160.0	25.60	0.64	81.41		26.88
96+94	97+82.04			18.78	0.47		92.92	19.72
BRIDGE OMISSION								
99+35.76	100+54			25.22	0.63		192.69	26.49
100+54	101+64			23.47	0.59		73.03	26.69
101+64	102+44		115.56	17.07	0.43	32.53		19.41
102+44	102+94		144.44	10.67	0.27			12.13
102+94	103+21.29	72.77		5.82	0.15			6.62
SUBTOTAL ENTRANCES		14.1						3.59
TOTALS		189	564	156.1	3.9	167	359	173.00

LOCATION	EARTH EXCAVATION CU YD	EMBANKMENT CU YD (1)	FILL * 1.3	WASTE (BORROW) CU YD (2)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU YD
STA 94+35.81 TO STA 95+24	15.3	23.6	30.88	(15.38)	-15.38
STA 95+24 TO 96+24	17.2	33.5	43.55	(26.35)	-41.73
STA 96+24 TO 97+24	81.3	20.2	26.26	55.04	13.31
STA 97+24 TO 98+33.75	108.0	21.9	28.47	79.53	92.84
RT STA 95+42 TO RT STA 100+90.47	41.5	0	0	41.53	134.37
BRIDGE OMISSION					
STA 98+34.05 TO STA 100+24	2.4	29.6	38.48	(36.08)	98.29
STA 100+24 TO 101+24	2.4	47.4	61.62	(59.22)	39.07
STA 101+24 TO 102+24	0.0	65.7	85.41	(85.41)	-46.34
STA 102+24 TO STA 103+21.29	0.0	29.2	37.96	(37.96)	-84.30
TOTAL	268	271	314	(84)	-84.30

LOCATION STA TO STA	CHANNEL EXCAVATION CU. YD.
STA 98+20.35 TO STA 98+33.75	20
STA 98+94.05 TO STA 98+97.45	142
TOTAL	162

- NOTES:
- 1- NO SHRINKAGE FACTOR APPLIED TO THE EMBANKMENT QUANTITY
 - 2- A 30% EXPANSION FACTOR WAS USED IN COMPUTING BORROW QUANTITY
 - 3- TOP SOIL NOT COMPUTED - WILL BE INCLUDED IN FURNISHED EXCAVATION QUANTITY
 - 4- NO PAYMENT WILL BE ALLOWED FOR OVERHAUL
 - 5- EXCAVATION REQUIRED FOR BIT BINDER COURSE, BITUMINOUS SHOULDERS, AGGREGATE SHOULDERS AND GUARDRAIL IS MEASURED AND PAID FOR AS EARTH EXCAVATION

LOCATION	TYPE	MATERIAL	WIDTH AT BACK	WIDTH AT ROADWAY EDGE	BIT SURF REM BUTT JOINT (LAST 4' TYP)	BIT CONC SURF CSE, 1-1/2"
			FT	FT	SQ YD	TON
RT STA 97+ 28.63	PE	BIT	28.09'	47.11'	14.1	3.59
TOTALS					14.1	3.59

STATION TO STATION	SEEDING CLASS 2	SEEDING CLASS 2	NITROGEN FERTILIZER NUTRIENTS	PHOSPHOROUS FERTILIZER NUTRIENTS	POTASSIUM FERTILIZER NUTRIENTS	MULCH METHOD 2	TEMPORARY EROSION CONTROL SEEDING	EROSION CONTROL BLANKET
			LBS	LBS	LBS	ACRES	LBS	SQ YD
LT STA 93+24 TO 94+24	181.89	0.004	0.4	0.4	0.4		0.418	20.210
LT STA 94+24 TO 95+24	310.15	0.007	0.6	0.6	0.6		0.712	34.461
LT STA 95+24 TO 96+24	281.51	0.006	0.6	0.6	0.6		0.646	31.279
LT STA 96+24 TO 97+24	1221.6	0.028	2.5	2.5	2.5		2.804	135.733
LT STA 97+24 TO 98+02	1785.2	0.041	3.7	3.7	3.7		4.098	198.356
LT STA 98+02 TO 98+33.75	388.07	0.009	0.8	0.8	0.8		0.891	43.119
BRIDGE OMISSION								
LT STA 98+94.05 TO 99+25	88.839	0.002	0.1	0.1	0.1		0.158	7.649
LT STA 99+25 TO 100+24	478.3	0.011	1.0	1.0	1.0		1.098	53.144
LT STA 100+24 TO 101+24	1474.3	0.034	3.0	3.0	3.0		3.385	163.811
LT STA 101+24 TO 102+24	2348.5	0.054	4.9	4.9	4.9	0.054	5.391	
LT STA 102+24 TO 103+21.29	1103.8	0.025	2.3	2.3	2.3	0.025	2.534	
RT STA 94+24 TO 95+24	947.48	0.022	2.0	2.0	2.0	0.022	2.175	
RT STA 95+24 TO 96+24	1382.9	0.032	2.9	2.9	2.9	0.032	3.175	
RT STA 96+24 TO 97+24	435.44	0.010	0.9	0.9	0.9	0.010	1.000	
RT STA 97+24 TO 98+02	121.97	0.003	0.3	0.3	0.3	0.003	0.280	
RT STA 98+02 TO 98+33.75	49.726	0.001	0.1	0.1	0.1		0.114	5.525
BRIDGE OMISSION								
RT STA 98+94.05 TO 99+25	60.536	0.001	0.1	0.1	0.1		0.139	6.726
RT STA 99+25 TO 100+24	332.82	0.008	0.7	0.7	0.7		0.764	36.980
RT STA 100+24 TO 101+24	140.27	0.003	0.3	0.3	0.3		0.322	15.586
RT STA 101+24 TO 102+24	887.94	0.020	1.8	1.8	1.8		2.038	98.660
RT STA 102+24 TO 103+21.29	863.88	0.020	1.8	1.8	1.8		1.983	95.987
TOTALS	14865.121	0.34	30.7	30.7	30.7	0.15	34.1	947.2

LOCATION (STATION TO STATION)	BIT CONC BASE CSE, 8" SQ YD
RT STA 95+42.00 TO STA 98+44.33	327.5
RT STA 99+00.98 TO STA 100+90.47	205.3
TOTALS	533

LOCATION (STATION TO STATION)	9.75' WIDE REMOVAL SQ YD	5.75' REMOVAL OF OUTSIDE EDGE SQ YD
RT STA 95+42 TO STA 97+88.97		157.79
RT STA 97+88.79 TO STA 98+40.67	56.01	
RT STA 99+00.98 TO STA 99+42.69	45.18	
RT STA 99+42.69 TO STA 100+90.47		94.42
SUBTOTALS	101.19	252.21
TOTAL REMOVAL		353

LOCATION (STATION TO STATION)	BIT CONC SHOULDER 8" W = 6'-8" & VAR AT SPBGR	BIT CONC SHLD. 8" (FOLLOW STD FOR STAB AT SPBGR) W = 2.5' & VAR.	BIT SHLD OVERLAY, 1-1/2"	AGGREGATE SHOULDER, TY B (3' WEDGE)
	SQ YD	SQ YD	TON	TON
LT STA 93+65.41 TO STA 97+75.11	295.89			
LT STA 94+35.81 TO STA 97+75.11				
LT STA 97+75.11 TO STA 98+07.98		9.13		
RT STA 94+35.81 TO STA 95+42				2.52
RT STA 95+42 TO STA 97+00			5.90	3.74
RT STA 97+46.30 TO STA 98+26.94		33.24	1.59	
RT STA 99+09.82 TO STA 100+89.89		87.52	7.07	
LT STA 98+90.86 TO STA 99+28.83		10.55		
LT STA 99+28.83 TO STA 100+70.93	140.29			
LT STA 100+70.93 TO STA 103+21.29				5.93
RT STA 100+89.89 TO STA 103+21.29				5.48
SUBTOTAL	436.18	140.44		
TOTAL		577	15	18

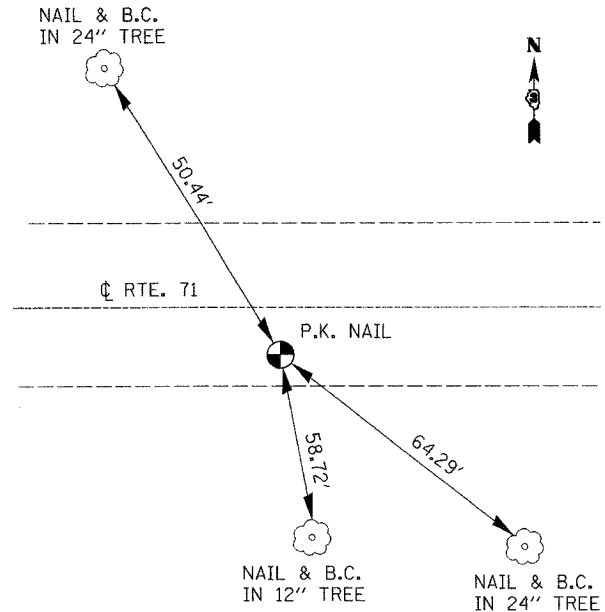
LOCATION (STATION TO STATION)	SHLD REM (1') SQ YD
LT STA 93+64.84 TO STA 98+26.82	51.33
RT STA 95+42 TO STA 98+41.26	33.25
LT STA 98+87.12 TO STA 100+70.93	20.42
RT STA 99+00.98 TO STA 100+89.89	20.99
TOTAL	126

NAME	DATE

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 Engineers / Land Surveyors
 Springfield, Illinois
 Design Firm License No. 184-002703

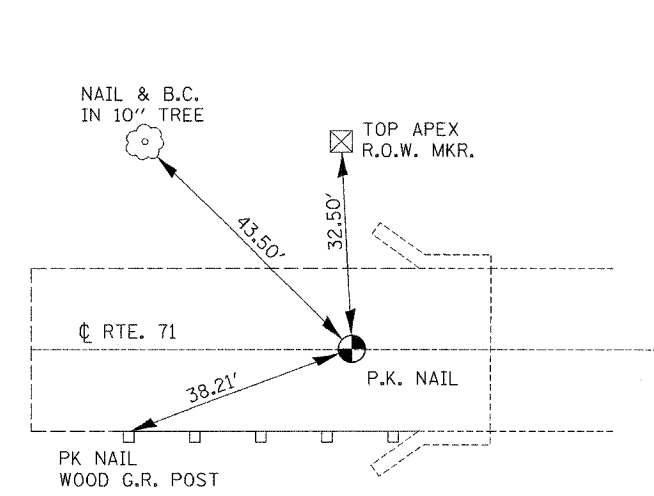
ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF QUANTITIES
 IL ROUTE 71 OVER UNNAMED STREAM
 FAP RT 627, SECTION U-BR
 LA SALLE COUNTY
 SCALE: DATE: 01/13/06
 DRAWN BY: CHECKED BY:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
627	U-BR	La SALLE	38	8
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



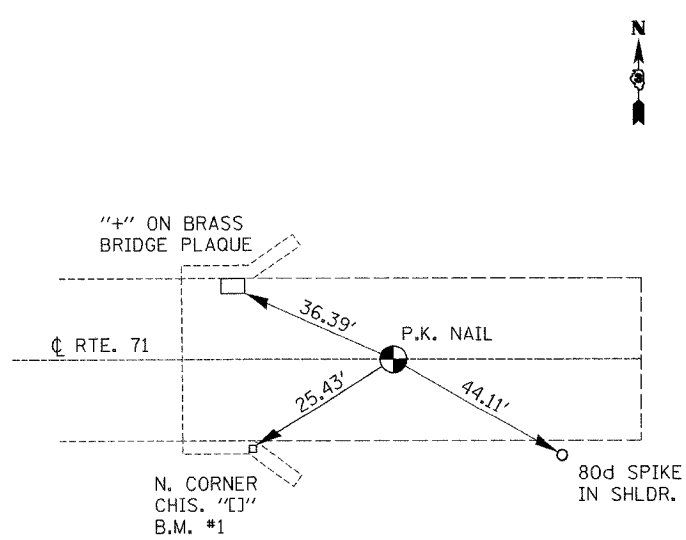
P.I. STA. 96 + 35.53

P.K. NAIL SOUTH OF CL IL RTE 71



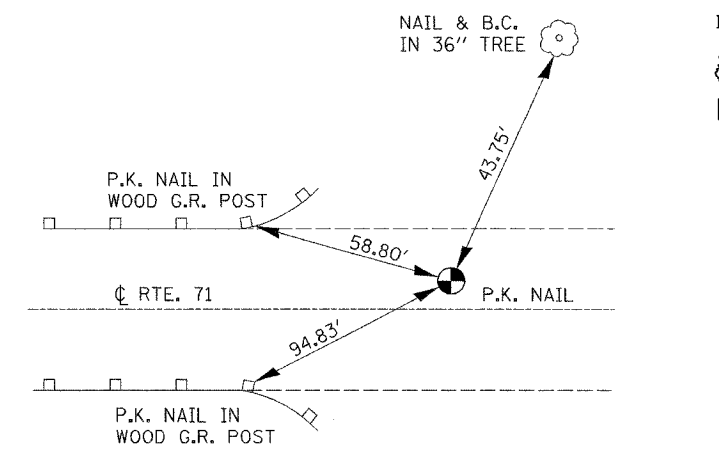
P.T. STA. 98 + 53.50

FOUND P.K. NAIL ON CL IL RTE 71



P.C. STA. 99 + 84.61

FOUND P.K. NAIL ON CL IL RTE 71



P.I. STA. 101 + 68.91

P.K. NAIL NORTH OF CL IL RTE 71

PLOT DATE = 02/17/06
 FILE NAME = C:\WORK\PROJECTS\66544\108\108.dgn
 PLOT SCALE = 80.00000 / 1.00
 USER NAME = CFC

COOMBE-BLOXDORF P.C.
 Engineers / Land Surveyors
 Springfield, Illinois
 Design Firm License No. 184-002703

REVISIONS	
NAME	DATE

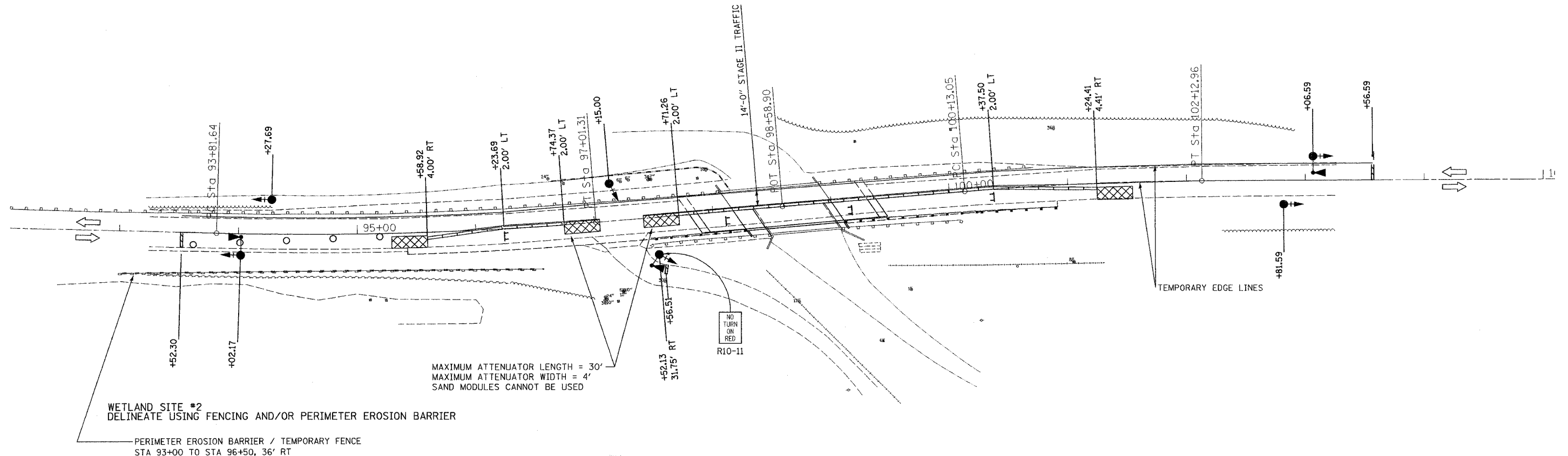
ILLINOIS DEPARTMENT OF TRANSPORTATION

CROSS TIES
 IL ROUTE 71 OVER UNNAMED STREAM
 FAP RT 627, SECTION U-BR
 LA SALLE COUNTY

SCALE:
 DATE: 02/03/06

DRAWN BY
 CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
627	U-BR	LA SALLE	38	10
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



WETLAND SITE #2
DELINEATE USING FENCING AND/OR PERIMETER EROSION BARRIER

PERIMETER EROSION BARRIER / TEMPORARY FENCE
STA 93+00 TO STA 96+50, 36' RT

MAXIMUM ATTENUATOR LENGTH = 30'
MAXIMUM ATTENUATOR WIDTH = 4'
SAND MODULES CANNOT BE USED

STAGE II SEQUENCE OF CONSTRUCTION

RELOCATE BARRIER WALL AND IMPACT ATTENUATORS, WHILE PROVIDING ACCESS FOR THE PE AT STA 97+28.63 RT AS SHOWN. PUT IN PLACE OTHER TRAFFIC CONTROL MEASURES FOR STAGE II AS REQUIRED BY 701321

PROVIDE A TEMPORARY RAMP AS NEEDED FOR PE ACCESS

ONCE TRAFFIC IS DIRECTED TO STAGE II TRAFFIC LANES, COMPLETE STAGE II STRUCTURAL WORK, PAVEMENT AND GUARDRAIL REMOVAL, REMOVAL OF TEMPORARY BITUMINOUS BASE COURSE WIDENING FROM RT STA 97+88.97 TO STA 98+40.67 AND RT STA 99+00.98 TO STA 99+42.69 FOR ALL OTHER TEMPORARY BITUMINOUS BASE COURSE, REMOVE THE OUTER 5.75' ALSO COMPLETE PROPOSED SHOULDER AND GUARDRAIL CONSTRUCTION

REMOVE TRAFFIC CONTROL DEVICES FOR STAGE II, INCLUDING TEMPORARY CONCRETE BARRIER PUT TRAFFIC CONTROL MEASURES IN PLACE AS REQUIRED BY STANDARD 701306 AND COMPLETE PROPOSED PROFILE CONSTRUCTION AND RESURFACING AS SHOWN IN THE PLANS

NOTES:

SEE STANDARD 701321 FOR ADDITIONAL TRAFFIC CONTROL MEASURES NOT SHOWN

THE PLACEMENT OF TEMPORARY CONCRETE BARRIER, IMPACT ATTENUATORS, AND TEMPORARY SIGNALS ARE AS SHOWN. REMAINING TRAFFIC CONTROL ITEMS SHALL BE PLACED PER STANDARD 701321

LEGEND

- WORK AREA
- SIGN (SEE STD 701321)
- DRUM WITH STEADY BURNING LIGHT
- TRAFFIC SIGNAL WITH BACKPLATE
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATOR, TEMPORARY
- MICROWAVE ON ARM
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STAGE II TRAFFIC CONTROL PLAN
IL ROUTE 71 OVER UNNAMED STREAM
FAP RT 627, SECTION U-BR
LA SALLE COUNTY

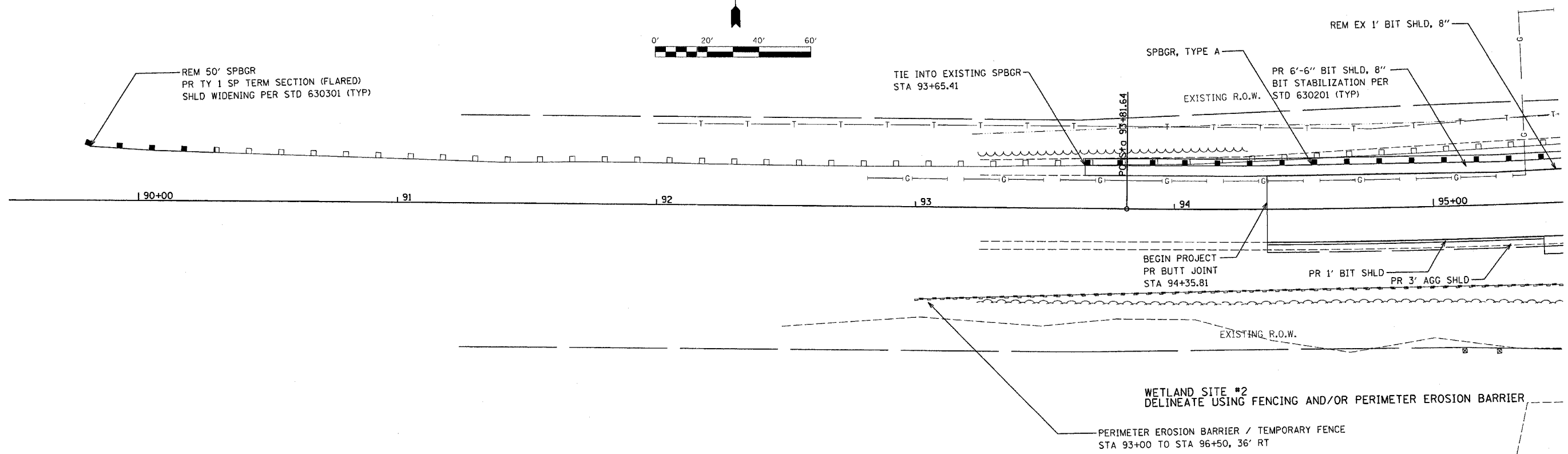
SCALE: 1"=40'
DATE

DRAWN BY CFC
CHECKED BY MCB

COOMBE-BLOXDORF P.C.
Engineers / Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002703

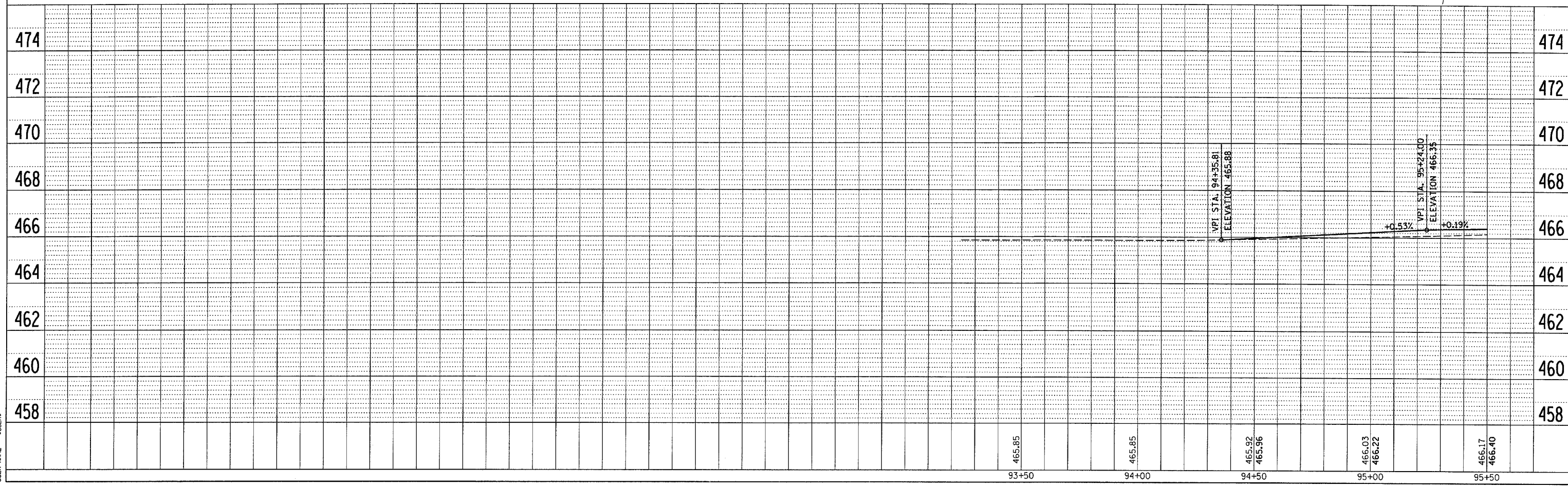
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 PLOT SCALE = 1/4"=100'
 USER NAME = CFC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



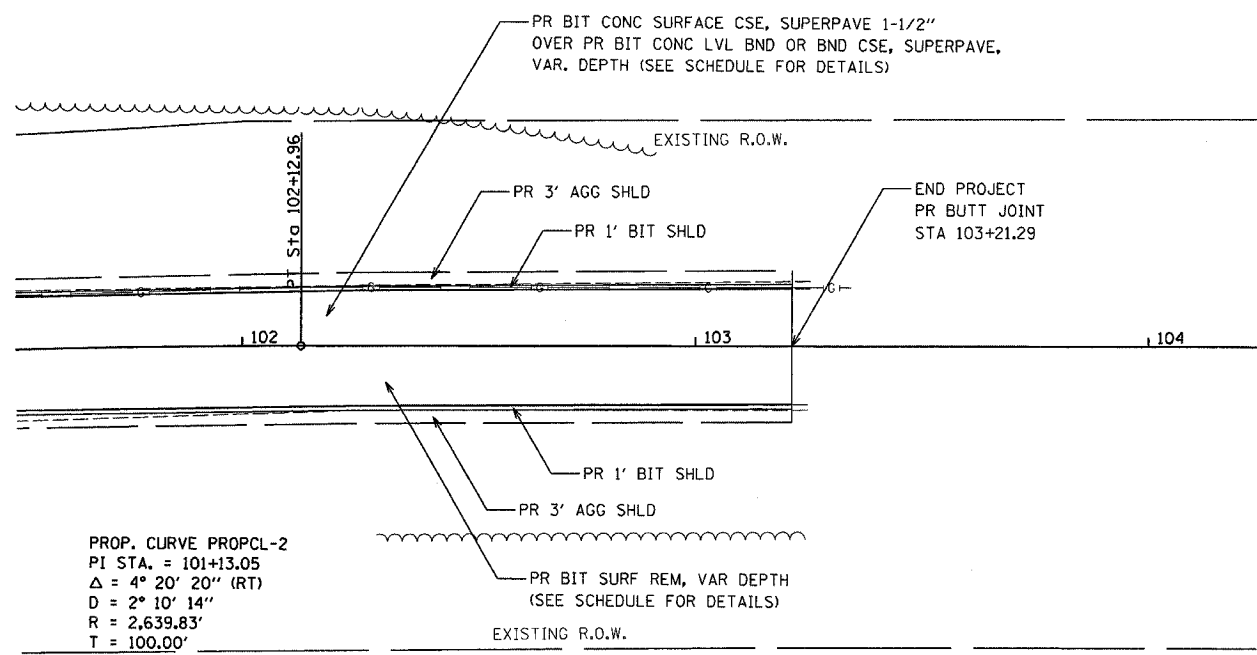
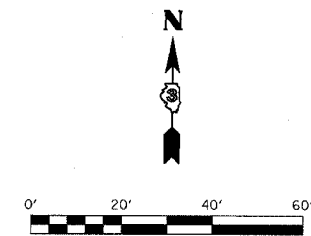
PLAN	REVISIONS	DATE
NOTE BOOK	CHECKED	
NO.	BY	
	FILED	
	DATE	

PROFILE	REVISIONS	DATE
NOTE BOOK	CHECKED	
NO.	BY	
	FILED	
	DATE	



PLOT DATE = 8/29/2006
 FILE NAME = 811111
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = USER

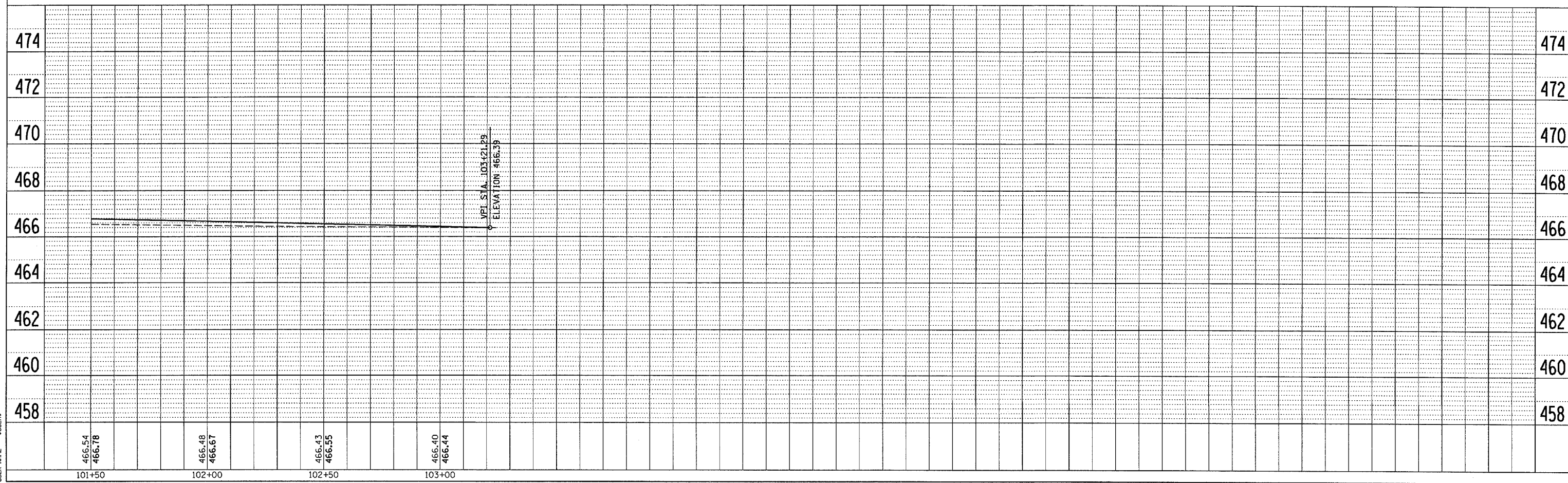
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
627	U-BR	LA SALLE	38	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PROP. CURVE PROPCL-2
 PI STA. = 101+13.05
 $\Delta = 4^\circ 20' 20''$ (RT)
 $D = 2^\circ 10' 14''$
 $R = 2,639.83'$
 $T = 100.00'$
 $L = 199.90'$
 $e = 1.89'$
 $e = 0.04' /'$
 P.C. STA = 100+13.05
 P.T. STA = 102+12.96
 ATTAIN S.E. STA. 99+15.55 TO STA. 100+78.05 (60/40)
 REMOVE S.E. STA. 101+58.79 TO STA. 103+21.29 (66/33)

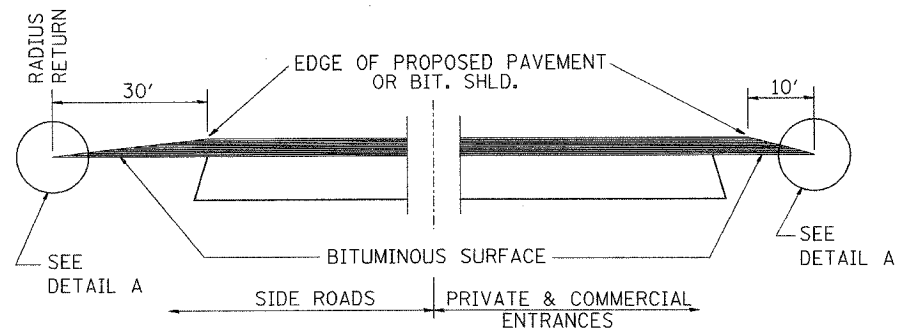
PLAN	DATE	BY
REVISIONS		
ALIGNED		
CHECKED		
NO. _____		
NOTE BOOK		
NO. _____		
CADD FILE NAME		

PROFILE	DATE	BY
REVISIONS		
GRADED		
CHECKED		
NO. _____		
NOTE BOOK		
NO. _____		
STRUCTURE		
NOTATION		



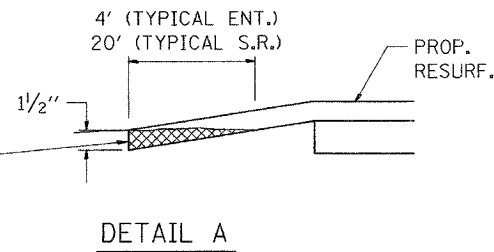
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 FILE NAME = SFTLE13
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = BUSER

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
627	U-BR	LASALLE	38	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

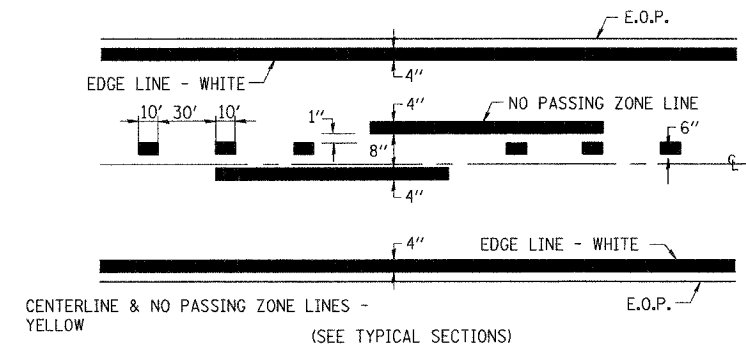


SECTION A-A
DETAILS AT ENTRANCES & SIDE ROADS

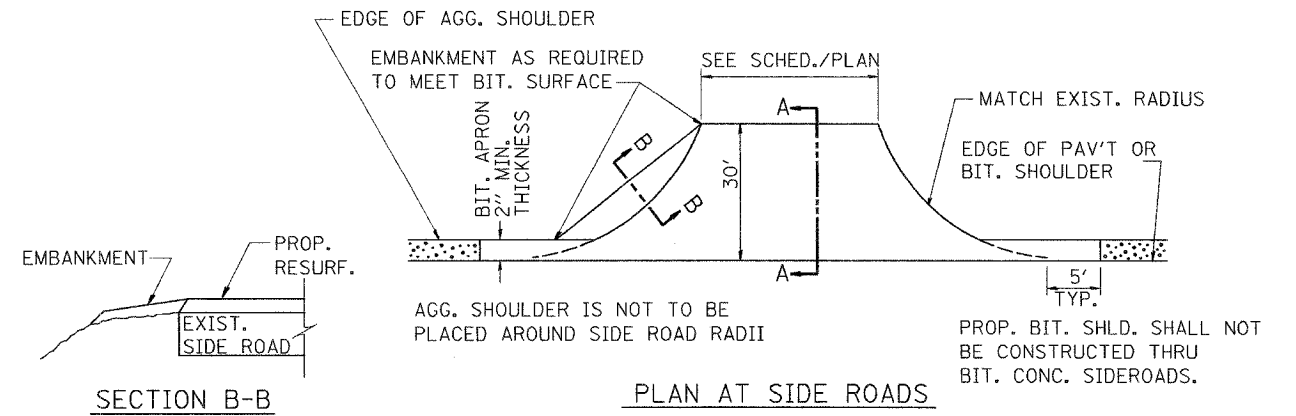
THE COST OF REMOVAL AT EXISTING BIT. OR P.C.C. LOCATIONS SHALL BE PAID FOR PER SQ. YD. BY THE APPROPRIATE PAY ITEM. REMOVAL AT EXISTING AGG. LOCATIONS SHALL BE INCIDENTAL TO THE BITUMINOUS. A-3 LOCATIONS SHALL BE FEATHER TAPERED.



DETAIL A

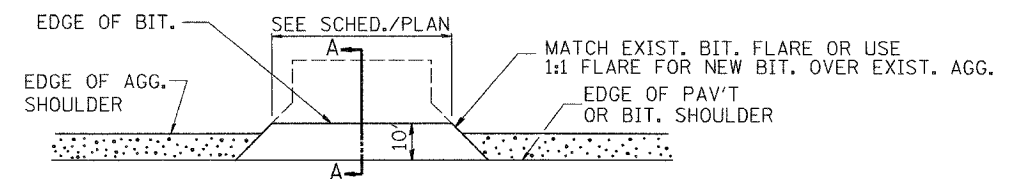


PAVEMENT MARKING



SECTION B-B

PLAN AT SIDE ROADS



PLAN AT PRIVATE & COMMERCIAL ENTRANCES
(DO NOT RESURFACE FIELD ENTRANCES)

PLOT DATE = 05/18/2006
 FILE NAME = I:\V8\mst\std-d-0511.dgn
 USER NAME = DFC

COOMBE-BLOXDORF P.C.
 Engineers / Land Surveyors
 Springfield, Illinois
 Design Firm License No. 184-002703

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 STANDARD DETAILS
 IL ROUTE 71 OVER UNNAMED STREAM
 FAP RT 627, SECTION U-BR
 LASALLE COUNTY

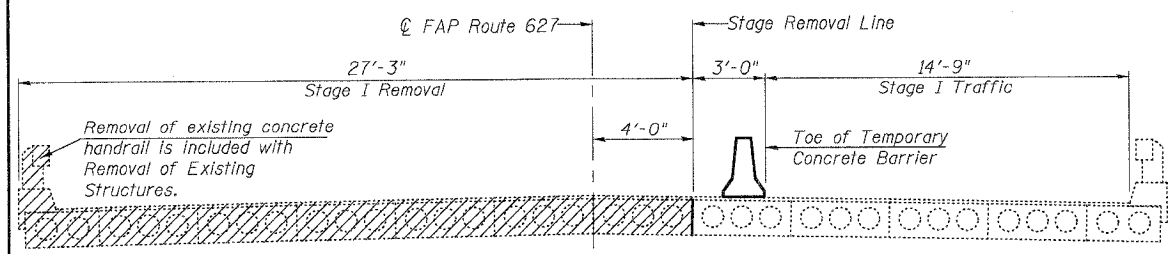
SCALE: DATE: 01/13/06
 DRAWN BY: CHECKED BY:

ROUTE NO. FAP 627	SECTION U-BR	COUNTY LA SALLE	SHEET NO. 38	SHEET NO. 17
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

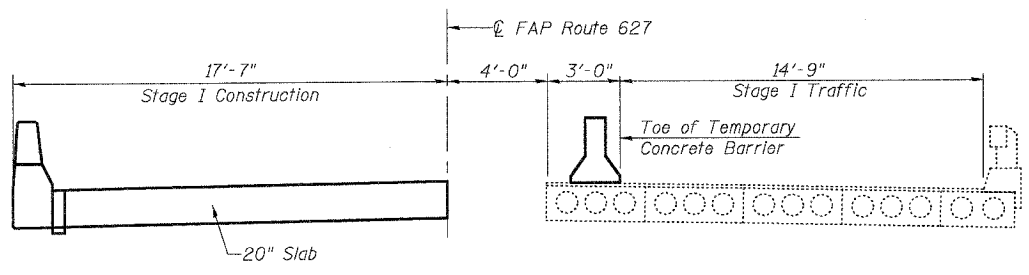
SHEET NO. 2
12 SHEETS

CONTRACT NO. 66544

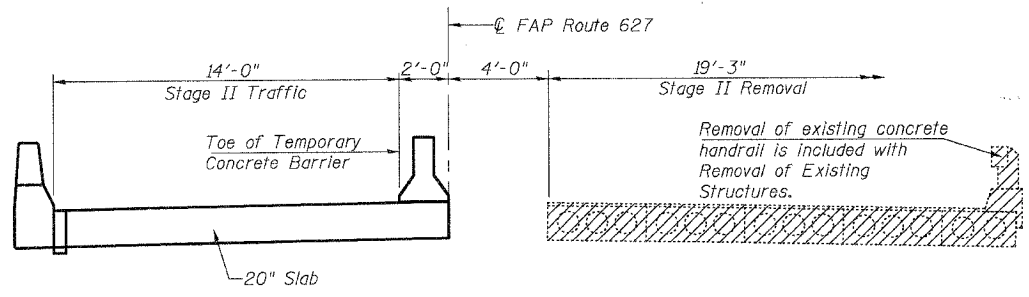
NOTES
All Cross Sections are looking east.
Hatched areas indicate "Removal of Existing Structures".
For details of Temporary Concrete Barrier see sheet 3 of 12 sheets.
For quantity of "Temporary Concrete Barrier" see Roadway Plans.
Stage removal line for substructure is same as superstructure.



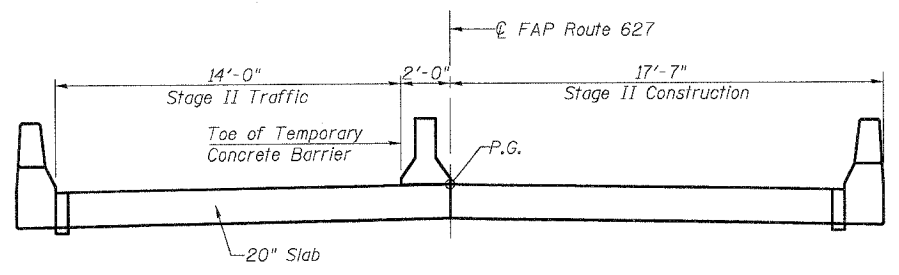
STAGE I REMOVAL
(Dimensions @ Right Angles)



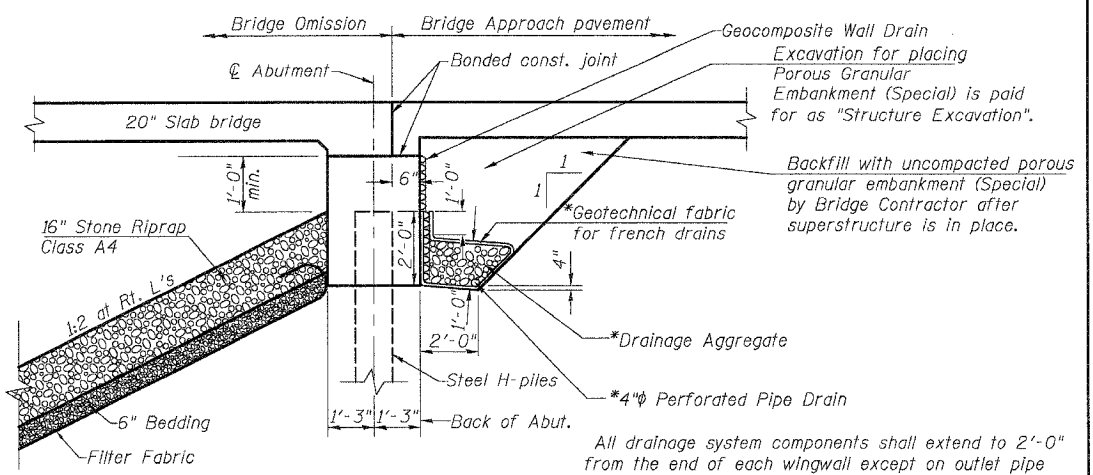
STAGE I CONSTRUCTION
(Dimensions @ Right Angles)



STAGE II REMOVAL
(Dimensions @ Right Angles)



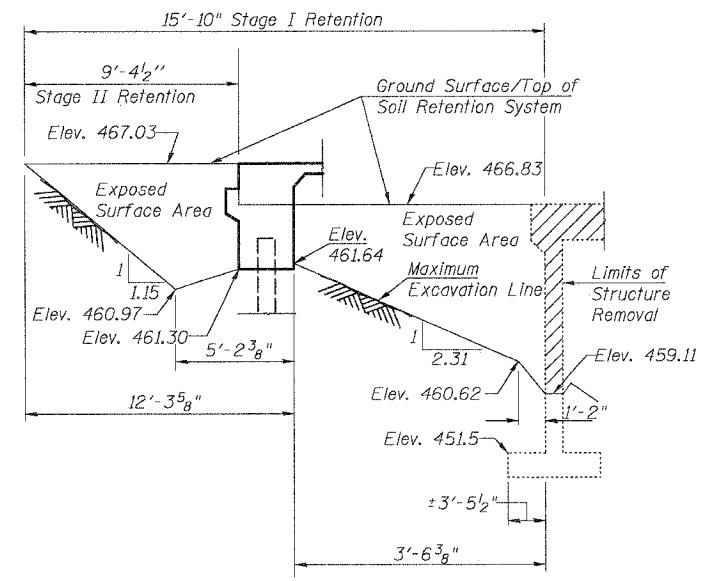
STAGE II CONSTRUCTION
(Dimensions @ Right Angles)



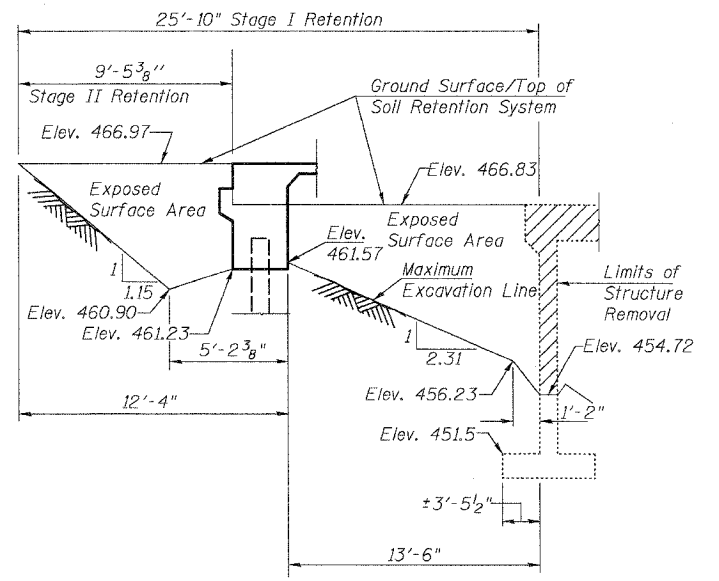
SECTION THRU ABUTMENT
(Horiz. Dimensions at Right Angles)

* Included in the cost of Pipe Underdrains for Structures

All drainage system components shall extend to 2'-0" from the end of each wingwall except on outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).



**EAST ABUTMENT
TEMPORARY SOIL RETENTION SYSTEM**
(Looking South)(Dimensions parallel to C)



**WEST ABUTMENT
TEMPORARY SOIL RETENTION SYSTEM**
(Looking North)(Dimensions parallel to C)

STAGE CONSTRUCTION SEQUENCE

- 1) Direct Stage I Traffic as shown.
- 2) Construct Stage I Temporary Soil Retention System.
- 3) Sawcut each existing abutment to a minimum depth of 1' at removal line from bottom of existing cap to top of existing footing.
- 4) Excavate behind existing abutments prior to removal of existing Stage I superstructure.
- 5) Proceed with Stage I removal and construction.
- 6) Direct Stage II traffic as shown.
- 7) Remove and relocate Stage I Soil Retention System as required for Stage II.
- 8) Excavate behind existing abutments prior to removal of existing Stage II superstructure.
- 9) Proceed with Stage II removal and construction.

NOTE

A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design, including plan details and calculations for review and acceptance by the Engineer.

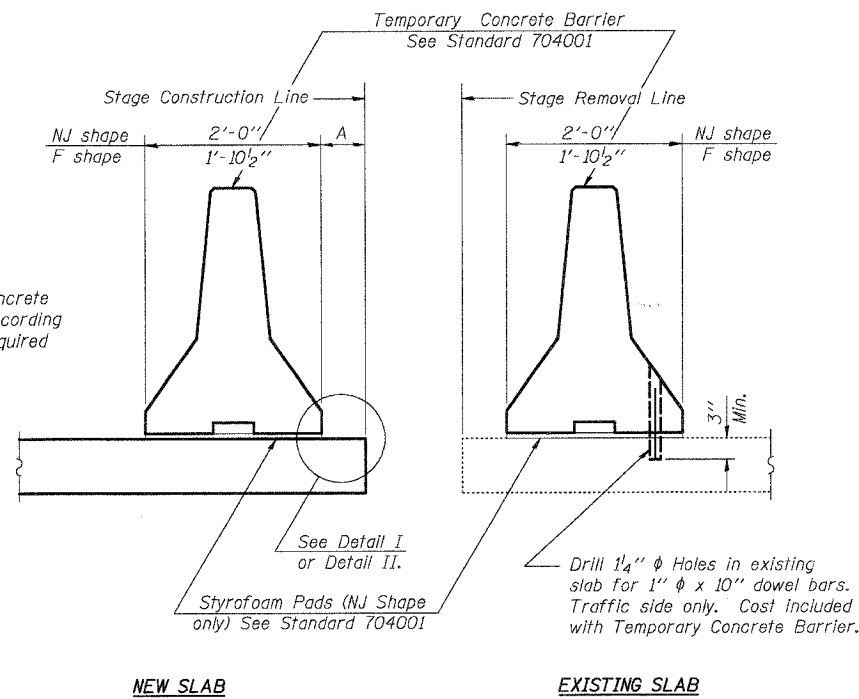
05/17/2006
-02-stage-consl.dgn

ILLINOIS DEPARTMENT OF TRANSPORTATION	
SHEET TITLE STAGE CONSTRUCTION	
PROJECT FAP ROUTE 627 (IL 71) OVER UNNAMED STREAM	PROJECT NO. 05025-1
SECTION U-BR	SCALE
LA SALLE COUNTY	DATE 12/17/05
STATION 98+58.9	DRAWN BY TFG
STRUCTURE NUMBER 050-0243	CHECKED BY KPS/BD/MCB
COOMBE-BLOXDORF P.C. Engineers / Land Surveyors Springfield, Illinois Design Firm License No. 184-002703	DRAWING NO. 2
	OF 12 SHTS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 627	U-BR	LA SALLE	38	18
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

SHEET NO. 3
12 SHEETS

CONTRACT NO. 66544

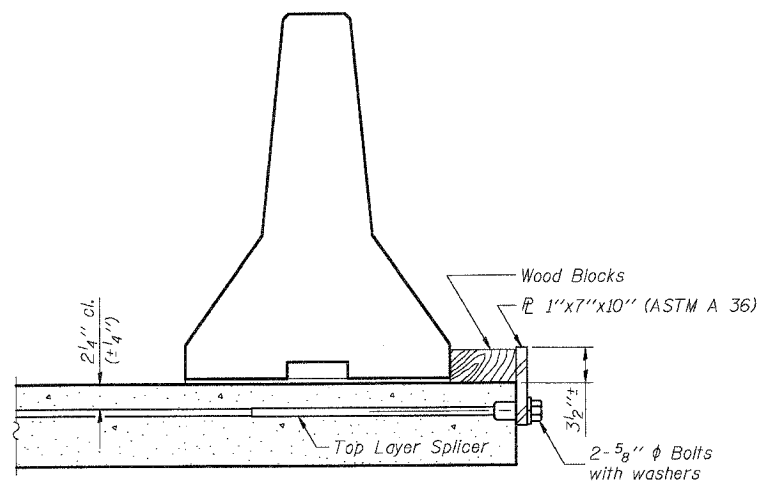


When "A" is 3'-6" or less, the temporary concrete barrier shall be anchored to the new slab according to Detail I or Detail II. No anchorage is required when "A" is greater than 3'-6".

NOTES

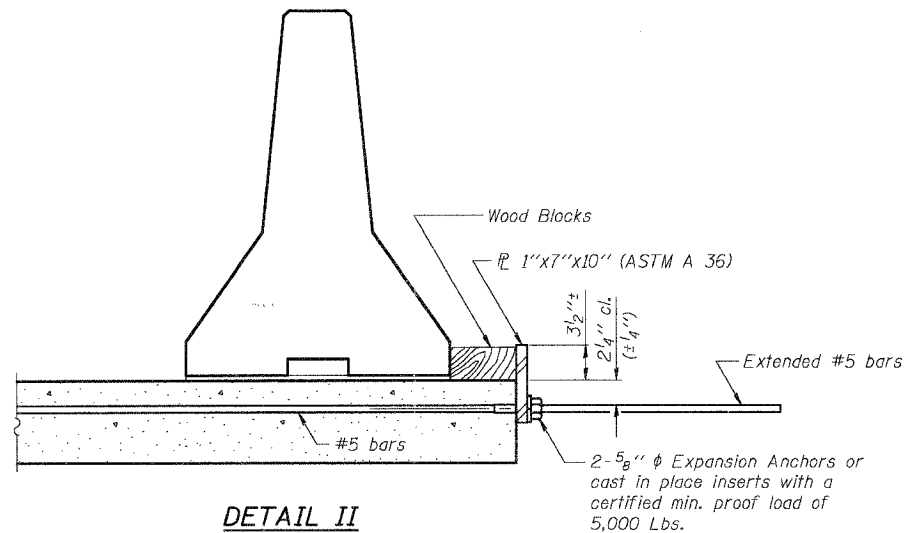
- Detail I - With Bar Splicer or Couplers:
Connect one (1) 1"x7"x10" steel PL to the top layer of couplers with 2-5/8" φ bolts screwed to coupler at approximate C of each barrier panel.
- Detail II - With Extended Reinforcement Bars:
Connect one (1) 1"x7"x10" steel PL to the concrete slab with 2-5/8" φ Expansion Anchors or cast in place inserts spaced between the top layer of reinforcement at approximate C of each barrier panel.
- Cost of anchorage is included with Temporary Concrete Barrier.

SECTIONS THRU SLAB



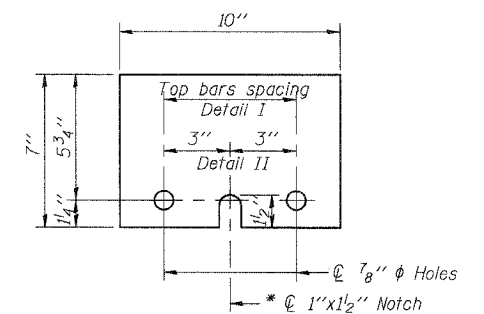
DETAIL I

The 1"x7"x10" Plate shall not be removed until Stage II Construction forms and reinforcement bars are in place.



DETAIL II

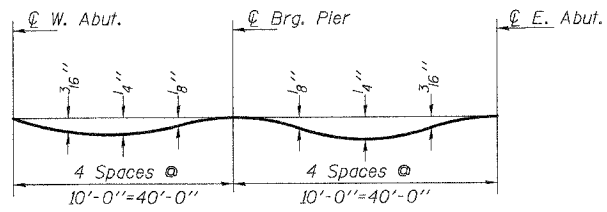
The 1"x7"x10" Plate shall not be removed until Stage II Construction forms and all reinforcement bars are in place and the concrete is ready to be placed.



1"x7"x10"

* Required only with Detail II

ILLINOIS DEPARTMENT OF TRANSPORTATION			
SHEET TITLE TEMPORARY CONCRETE BARRIER FOR STAGED CONSTRUCTION			
PROJECT FAP ROUTE 627 (IL 71) OVER UNNAMED STREAM SECTION U-BR LA SALLE COUNTY STATION 98+58.9 STRUCTURE NUMBER 050-0243	PROJECT NO. 05025-1	SCALE	DATE 12/17/05
DRAWN BY TFG		CHECKED BY KFS/BD/MCB	DRAWING NO.
COOMBE-BLOXDORF P.C. Engineers / Land Surveyors Springfield, Illinois Design Firm License No. 184-002703			3 OF 12 SHTS



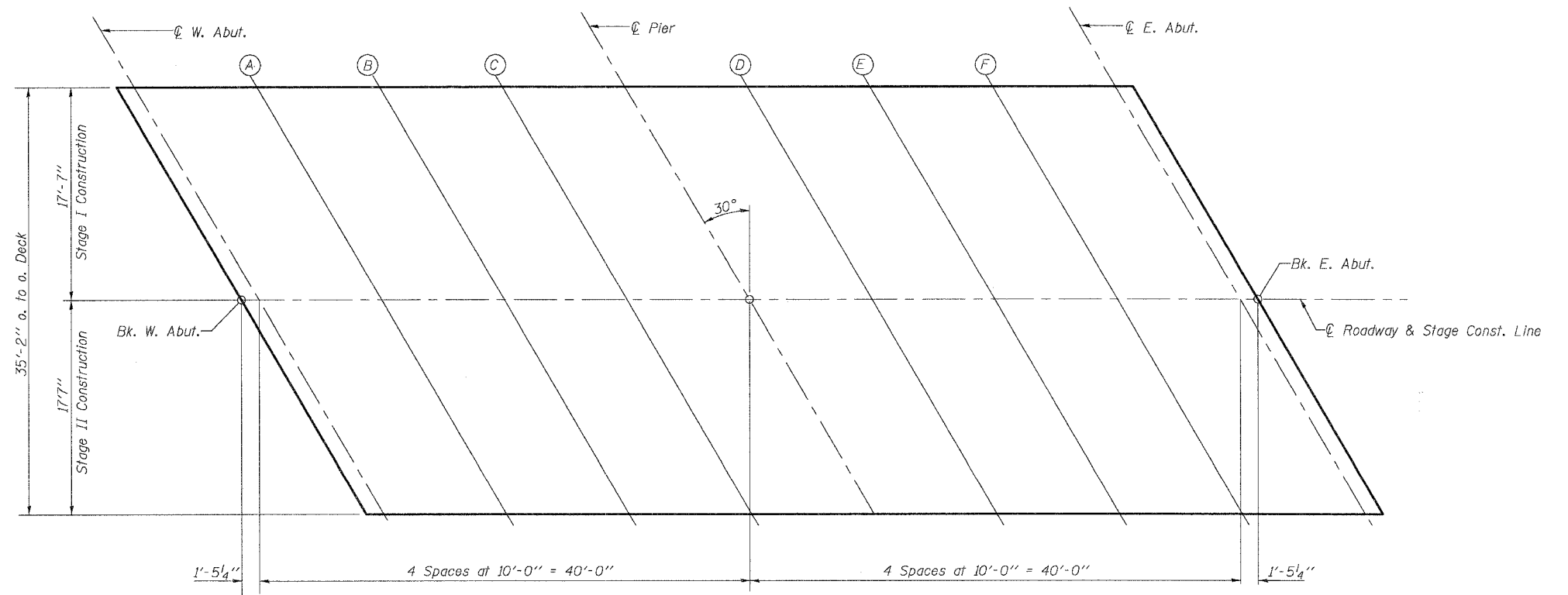
DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

Note: The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown below.

PG & STAGED CONST. LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	98+17.46	0	467.139	467.139
W. ABUT	98+18.90	0	467.142	467.142
A	98+28.90	0	467.158	467.177
B	98+38.90	0	467.171	467.194
C	98+48.90	0	467.182	467.193
PIER	98+58.90	0	467.190	467.190
D	98+68.90	0	467.196	467.207
E	98+78.90	0	467.199	467.222
F	98+88.90	0	467.200	467.219
E. ABUT.	98+98.90	0	467.198	467.198
BK. E. ABUT.	99+00.34	0	467.197	467.197



PLAN



05/17/2006
-U-As-slab-elev.dgn

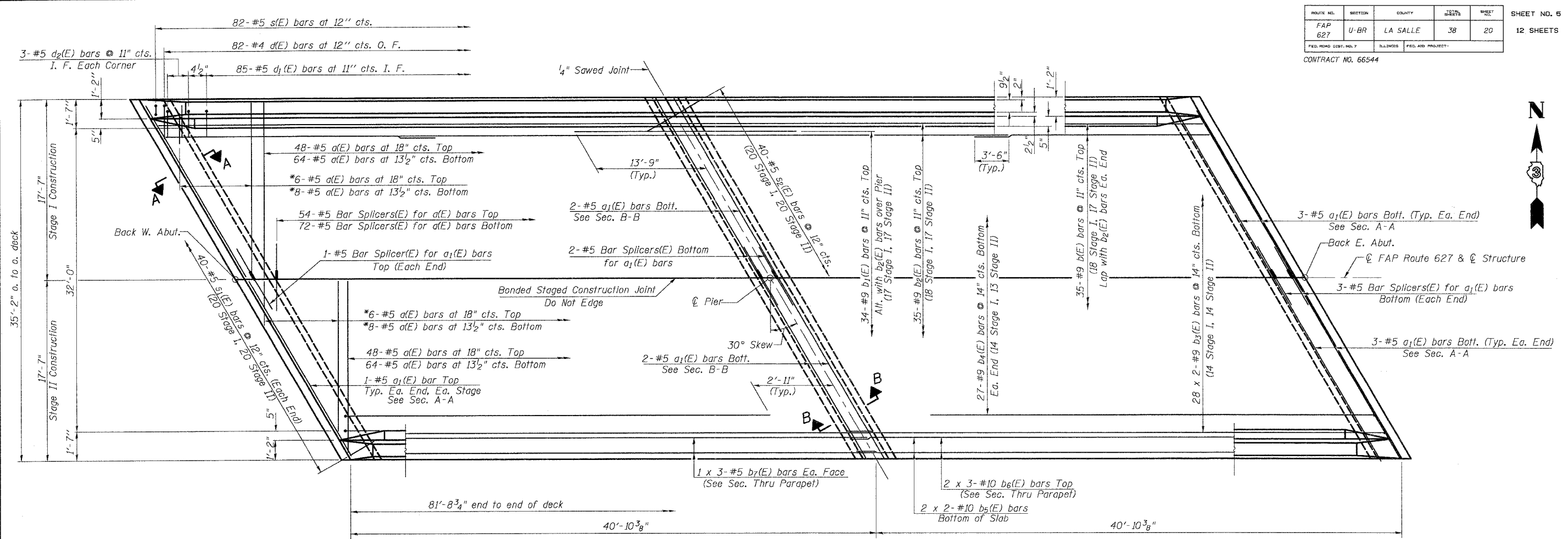
E-S 4-30-97

ILLINOIS DEPARTMENT OF TRANSPORTATION	
SHEET TITLE TOP OF SLAB ELEVATIONS	
PROJECT FAP ROUTE 627 (IL 71) OVER UNNAMED STREAM	PROJECT NO. 05025-1
SECTION U-BR	SCALE
LA SALLE COUNTY	DATE 12/17/05
STATION 98+58.9	DRAWN BY TFG
STRUCTURE NUMBER 050-0243	CHECKED BY KPS/BD/MCB
COOMBE-BLOXDORF P.C. Engineers / Land Surveyors Springfield, Illinois	
Design Firm License No. 184-002703	4 OF 12 SHTS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 627	U-BR	LA SALLE	38	20
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT NO. 66544

SHEET NO. 5
12 SHEETS



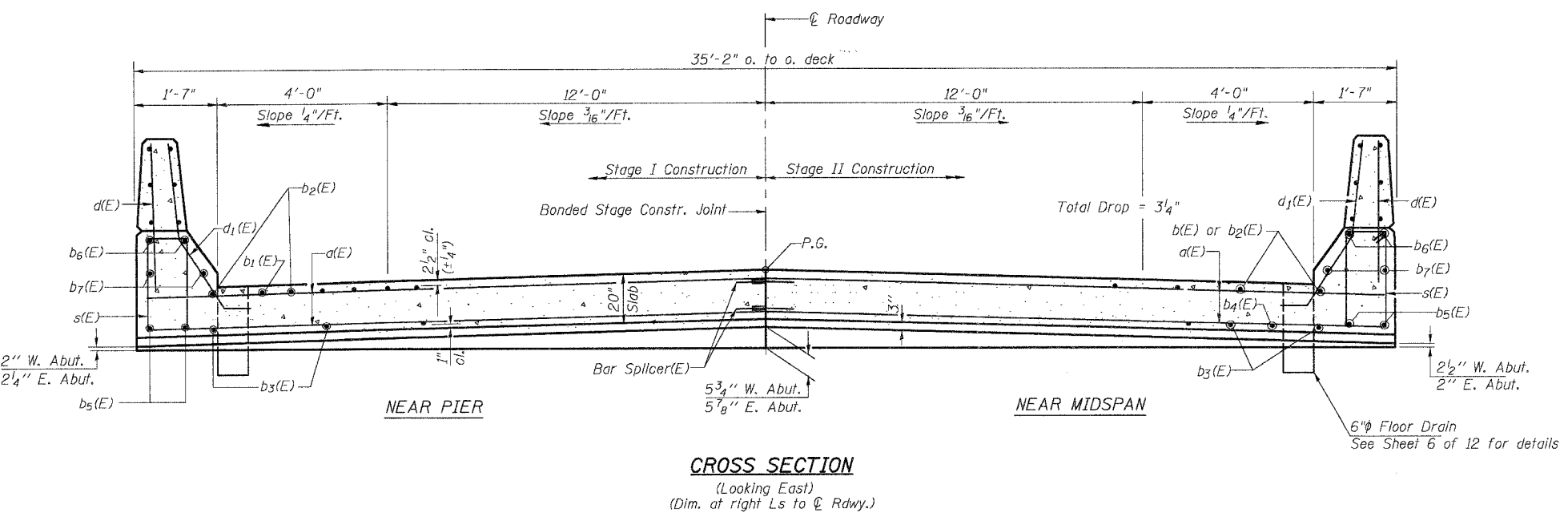
PLAN

MIN. BAR LAP
 #5 = 2'-2"
 #9 = 3'-6"
 #10 b5(E) = 7'-3"
 #10 b6(E) = 10'-3"

*Cut bars in field to fit skew and use remainder of bars at other end of deck.

NOTES

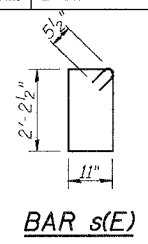
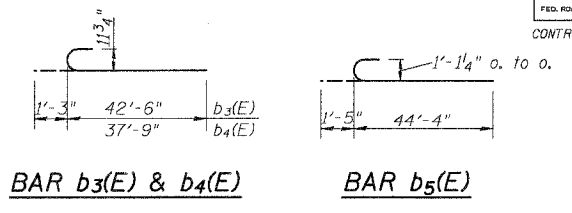
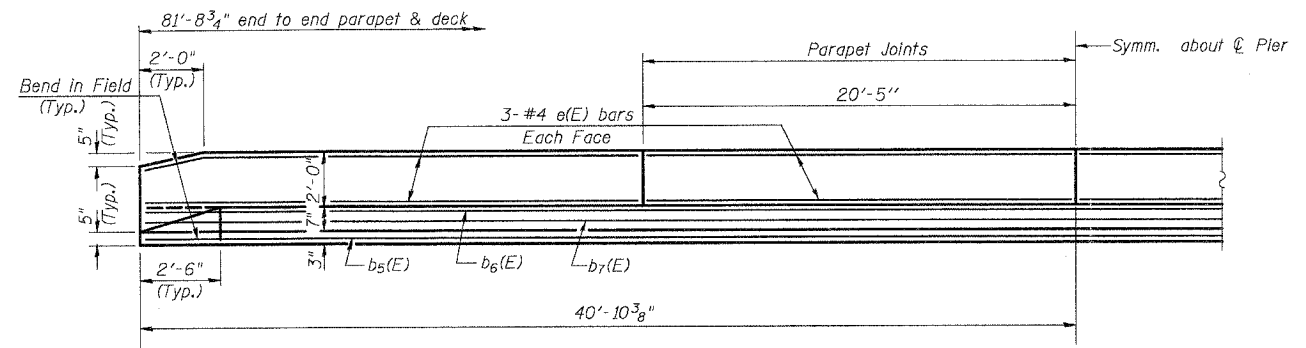
For drain locations see sheet #1 of 12.
 See sheet #6 of 12 for Section A-A, Section B-B, parapet reinforcement and Bill of Material.
 Reinforcement bars designated (E) shall be epoxy coated.
 Bars indicated thus 28 x 2-#9 etc. indicates 28 lines of bars with 2 lengths per line.
 See sheet #10 of 12 for Bar Splicer details.



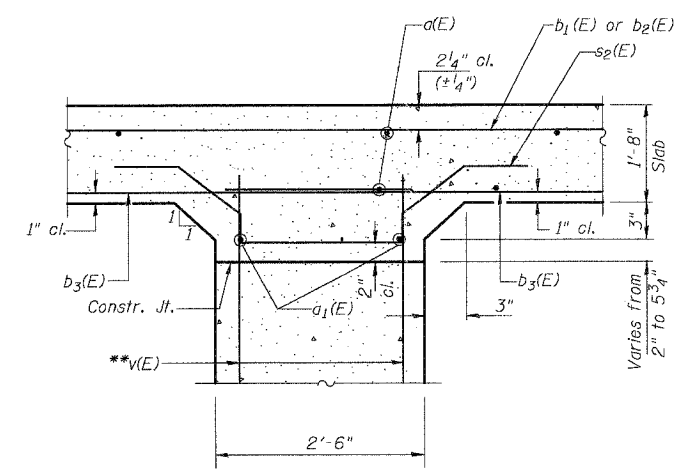
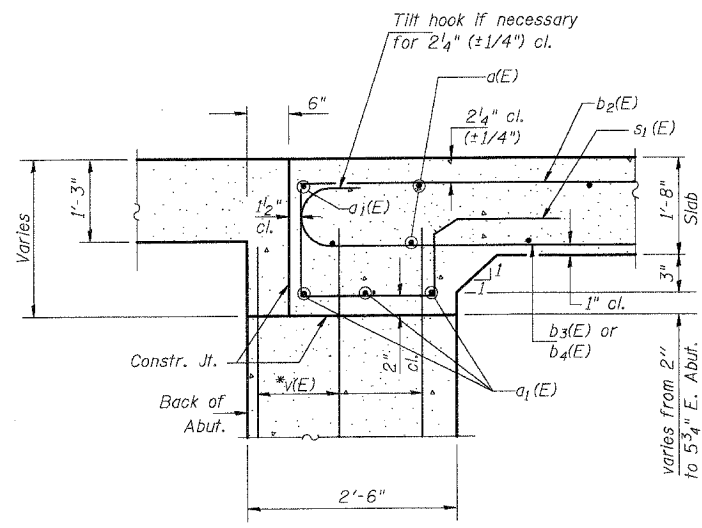
CROSS SECTION
(Looking East)
(Dim. at right Ls to C Rdwy.)

ILLINOIS DEPARTMENT OF TRANSPORTATION	
SUPERSTRUCTURE	
PROJECT FAP ROUTE 627 (IL 71) OVER UNNAMED STREAM	PROJECT NO. 05025-1
SECTION SECTION U-BR	SCALE
LA SALLE COUNTY	DATE 12/17/05
STATION 98+58.9	DRAWN BY TFG
STRUCTURE NUMBER 050-0243	CHECKED BY KPS/RD/MCB
COOMBE-BLOXDORF P.C. Engineers / Land Surveyors Springfield, Illinois Design Firm License No. 184-002703	DRAWING NO. 5

OF 12 SHTS



INSIDE ELEVATION OF PARAPET

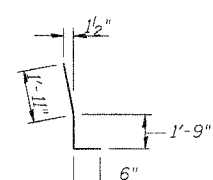
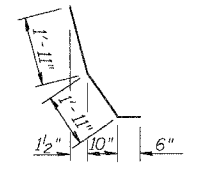
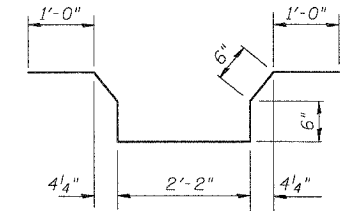
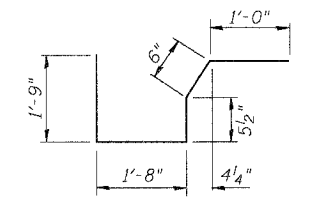


SECTION A-A

*v(E) bars billed with Abutments
See sheets #7 & #8 of 12

SECTION B-B

**v(E) bars billed with Pier
See sheet #9 of 12



SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length (ft)	Shape
a(E)	252	#5	17'-3"	—
a1(E)	16	#5	19'-11"	—
b(E)	70	#9	31'-3"	—
b1(E)	34	#9	27'-6"	—
b2(E)	35	#9	25'-10"	—
b3(E)	56	#9	43'-9"	—
b4(E)	54	#9	39'-0"	—
b5(E)	8	#10	45'-9"	—
b6(E)	12	#10	34'-0"	—
b7(E)	12	#5	28'-8"	—
d(E)	164	#4	4'-2"	—
d1(E)	170	#5	4'-4"	—
d2(E)	12	#5	4'-2"	—
e(E)	48	#4	20'-1"	—
s(E)	164	#5	7'-2"	—
s1(E)	80	#5	5'-5"	—
s2(E)	40	#5	6'-2"	—
Reinforcement Bars Epoxy Coated			LBS	41,710
Concrete Superstructure			Cu. Yds.	202.5
Bar Splicers			Each	136

Reinforcement bars designated (E) shall be epoxy coated.

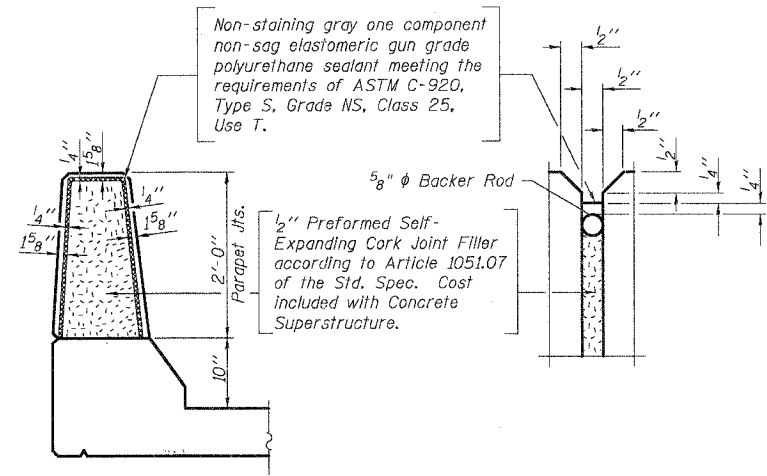
MIN. BAR LAP
#4 = 1'-8"

NOTES

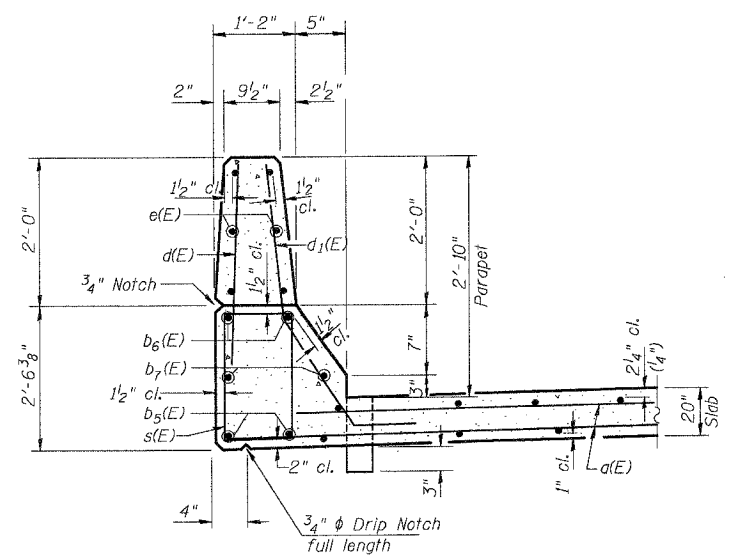
Fiberglass pipe shall conform to ASTM D2996, with short-time rupture strength hoop tensile stress of 30,000 psi minimum. The surface of the Fiberglass pipe shall be free of bond inhibiting agents.
The exterior surfaces of the floor drains shall be coated by the manufacturer with a pigment that matches the color of the concrete.

Non-staining gray one component non-sag elastomeric gun grade polyurethane sealant meeting the requirements of ASTM C-920, Type S, Grade NS, Class 25, Use T.

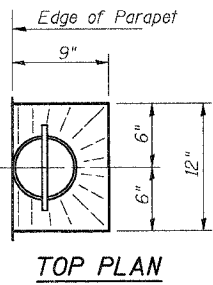
1/2" Preformed Self-Expanding Cork Joint Filler according to Article 1051.07 of the Std. Spec. Cost included with Concrete Superstructure.



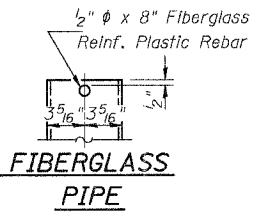
PARAPET JOINT DETAILS



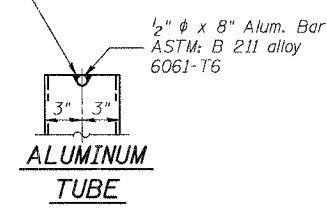
SECTION THRU CURB



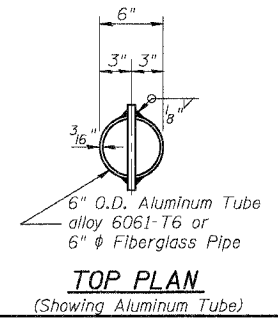
TOP PLAN



FIBERGLASS PIPE



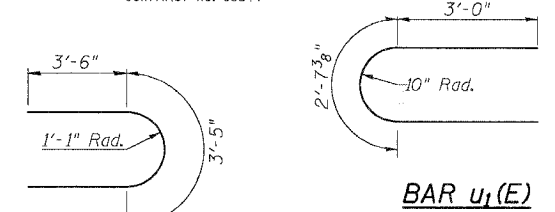
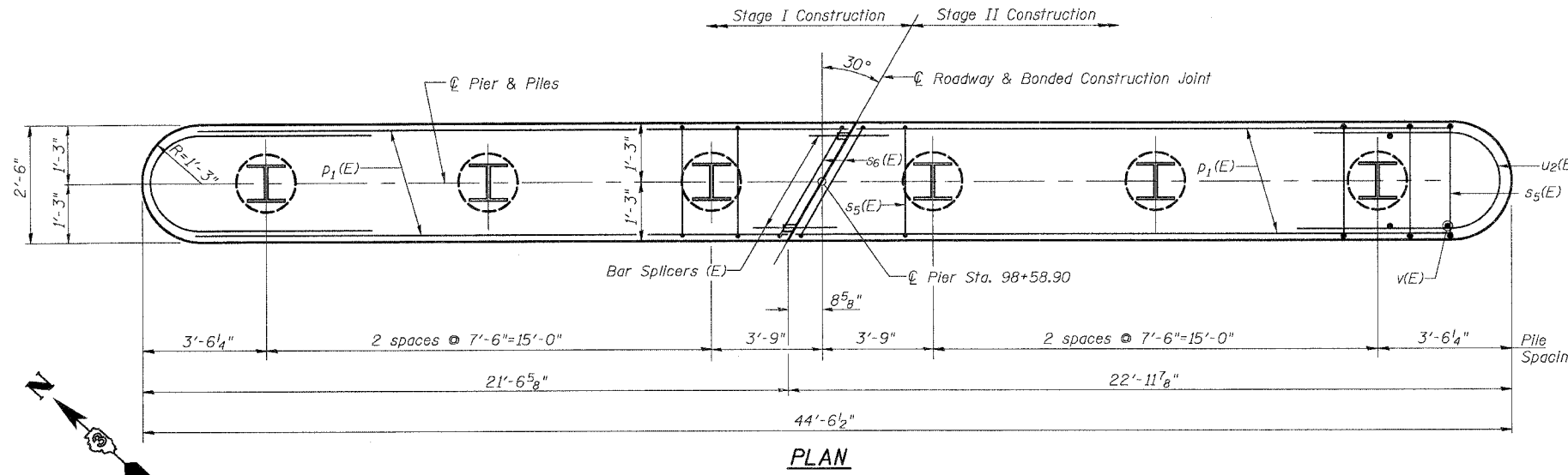
ALUMINUM TUBE



TOP PLAN (Showing Aluminum Tube)

ILLINOIS DEPARTMENT OF TRANSPORTATION	
SUPERSTRUCTURE DETAILS	
PROJECT: FAP ROUTE 627 (IL 71) OVER UNNAMED STREAM	PROJECT NO. 05925-1
SECTION U-BR	SCALE
LA SALLE COUNTY	DATE: 12/17/05
STATION 98+58.9	DRAWN BY: TFG
STRUCTURE NUMBER 050-0243	CHECKED BY: KPS/BD/MCB
COOMBE-BLOXDORF P.C. Engineers / Land Surveyors Springfield, Illinois Design Firm License No. 184-002703	
6	OF 12 SHTS

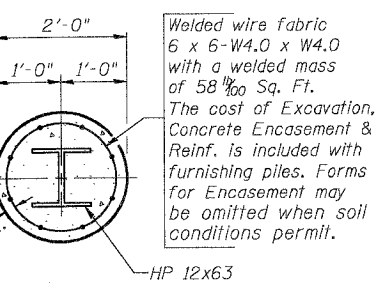
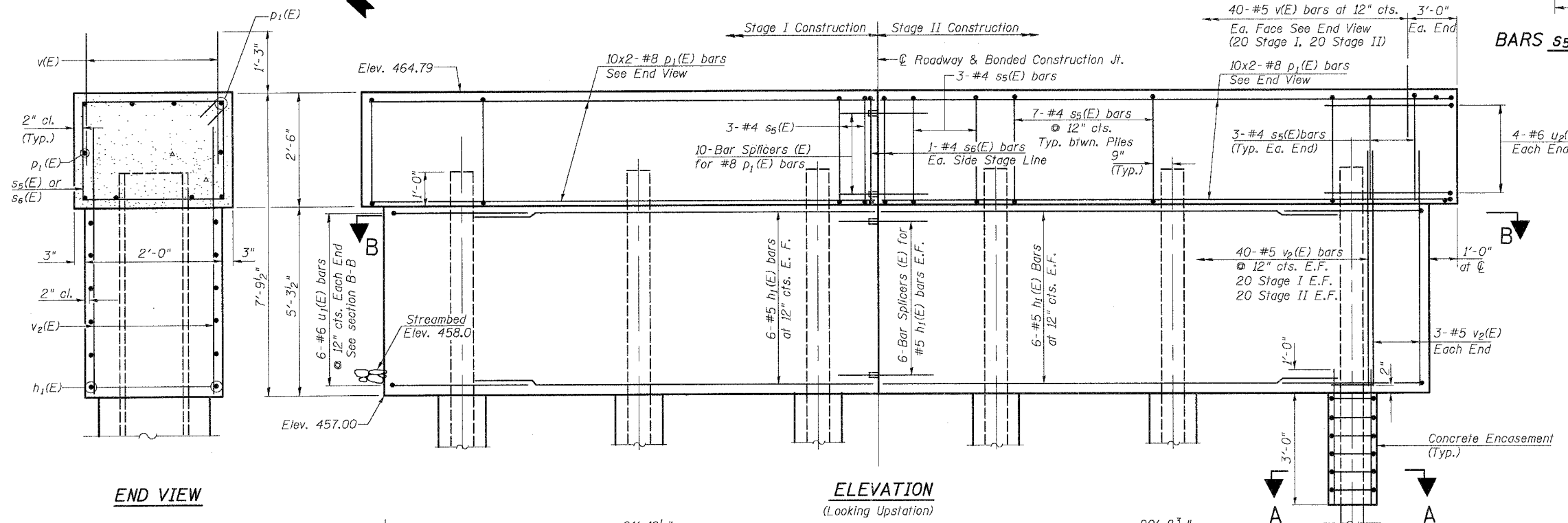
05/17/2005
-J06-super-details.dgn



Min. Bar Lap
#8 bar = 6'-4"

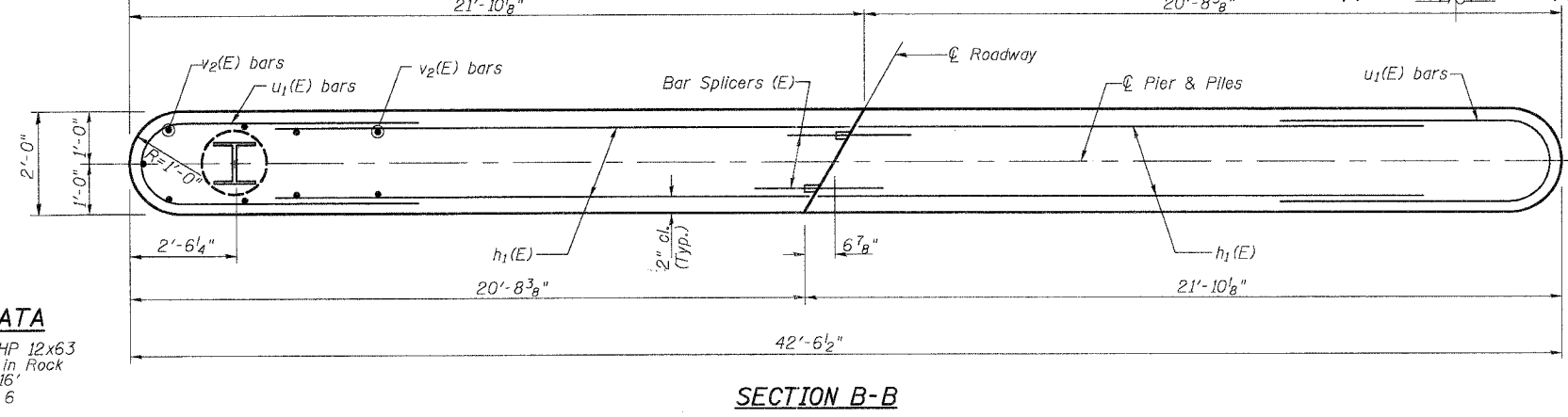
BILL OF MATERIAL

Bar No.	Size	Length (ft)	Shape
h ₁ (E)	#5	19'-5"	
p ₁ (E)	#8	13'-11"	
s ₅ (E)	#4	9'-7"	
s ₆ (E)	#4	10'-3"	
u ₁ (E)	#6	8'-8"	
u ₂ (E)	#6	10'-5"	
v(E)	#5	3'-0"	
v ₂ (E)	#5	6'-10"	
Concrete Structures	Cu. Yd.	26.7	
Reinforcement Bars, Epoxy Coated	Pound	3390	
Furnishing Steel Piles, HP 12x63	Ft.	96	
Setting Piles in Rock	Each	6	
Underwater Structure Excavation Protection, Location 1	Each	1	
Bar Splicers	Each	22	



PILE DATA

Type: Steel HP 12x63
Capacity: Set in Rock
Est. Length: 16'
No. Required: 6



NOTES

Reinforcement bars designated (E) shall be epoxy coated. All edges shall have standard 3/4" chamfers except as noted. See sheet 10 of 12 for bar splicer details. Piles will be set into 2'-0" diameter holes embedded 5'-0" into rock. See special provisions for Setting Piles in rock.

ILLINOIS DEPARTMENT OF TRANSPORTATION

SHEET TITLE: PIER

PROJECT: FAP ROUTE 627 (IL 71) OVER UNNAMED STREAM

SECTION U-BR

LA SALLE COUNTY

STATION 98+58.9

STRUCTURE NUMBER 050-0243

PROJECT NO. 05025-1

SCALE: 12/17/05

DRAWN BY: TFC

CHECKED BY: KPS/BD/MCB

DRAWING NO. 9

COOMBE-BLOXDORF P.C.
Engineers / Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002703

OF 12 SHTS

NOTES

Bar splicer assemblies shall be of an approved type and shall develop in tension at least 125 percent of the yield strength of the lapped reinforcement bars.
 Splicer rods shall be of minimum 60 ksi yield strength, threaded or coiled full length.
 All reinforcement bars shall be lapped and tied to the splicer rods or dowel bars.
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars.
 Other systems of similar design may be submitted to the Engineer for approval. Approval shall be based on certified test results from an approved testing laboratory that the proposed bar splicer assembly satisfies the following requirements:

- ① Minimum Capacity (Tension in kips) = $1.25 \times f_y \times A_t$
- ② Minimum *Pull-out Strength (Tension in kips) = $1.25 \times f_{s,allow} \times A_t$

Where f_y = Yield strength of lapped reinforcement bars in ksi.
 $f_{s,allow}$ = Allowable tensile stress in lapped reinforcement bars in ksi (Service Load)
 A_t = Tensile stress area of lapped reinforcement bars.
 * = 28 day concrete

BAR SPLICER ASSEMBLIES			
Bar Size to be Spliced	Splicer Rod or Dowel Bar Length	Strength Requirements	
		Min. Capacity kips - tension	Min. Pull-Out Strength kips - tension
#4	1'-8"	14.7	5.9
#5	2'-0"	23.0	9.2
#6	2'-7"	33.1	13.3
#7	3'-5"	45.1	18.0
#8	4'-6"	58.9	23.6
#9	5'-9"	75.0	30.0
#10	7'-3"	95.0	38.0
#11	9'-0"	117.4	46.8

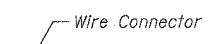
Bar splicer assemblies shall be according to Section 508 of the Standard Specifications, except as noted. The furnishing and installation of bar splicer assemblies will be measured and paid for at the contract unit price each for "BAR SPLICERS."

The diameter of this part is equal or larger than the diameter of bar spliced.

ROLLED THREAD DOWEL BAR



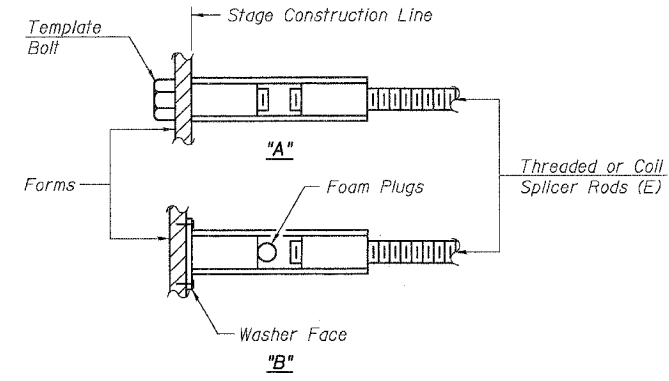
** ONE PIECE



WELDED SECTIONS

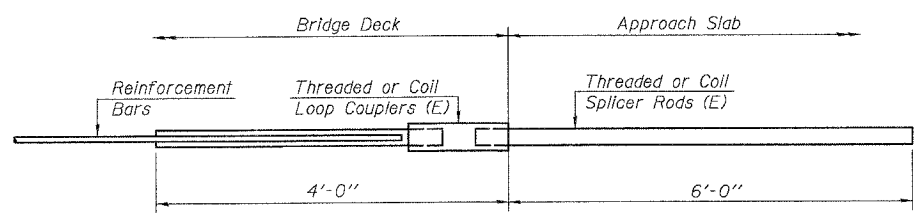
BAR SPLICER ASSEMBLY ALTERNATIVES

** Heavy Hex Nuts conforming to ASTM A 563, Grade C, D or DH may be used.



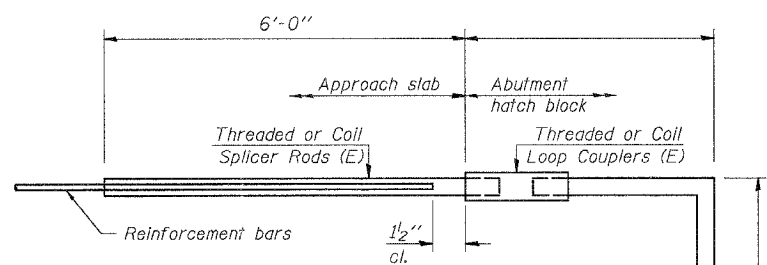
INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
 "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E) : Indicates epoxy coating.



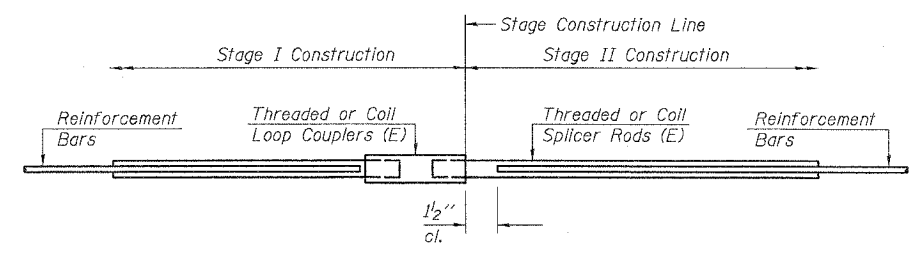
FOR INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 9.2 kips - tension
No. Required =



FOR PILE BENT ABUTMENTS

Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 9.2 kips - tension
No. Required =



STANDARD

Bar Size	No. Assemblies Required	Location
#5	136	Super Str.
#8	6	W. Abut.
#8	6	E. Abut.
#8	10	Pier Cap
#5	12	Pier Wall

ILLINOIS DEPARTMENT OF TRANSPORTATION

SHEET TITLE: BAR SPLICER ASSEMBLY DETAILS

PROJECT: FAP ROUTE 627 (IL 71) OVER UNNAMED STREAM
 SECTION U-BR
 LA SALLE COUNTY
 STATION 98+58.9
 STRUCTURE NUMBER 050-0243

PROJECT NO. 05025-1
 SCALE: AS SHOWN
 DATE: 12/17/05
 DRAWN BY: TFG
 CHECKED BY: KPS/BD/MCB
 DRAWING NO.

COOMBE-BLOXDORF P.C.
 Engineers / Land Surveyors
 Springfield, Illinois
 Design Firm License No. 184-002703

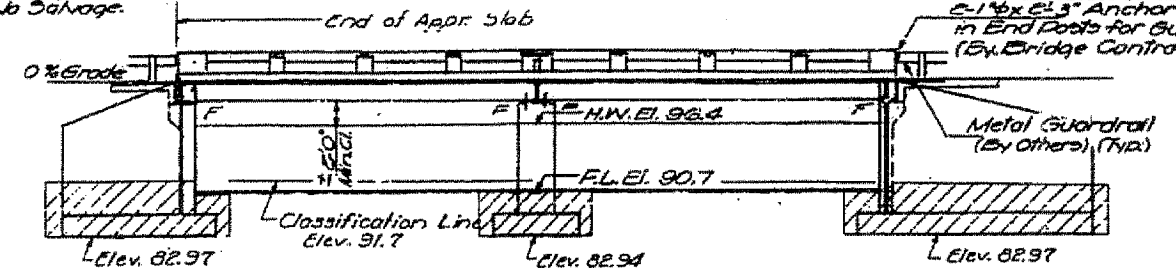
10 OF 12 SHTS

DATE	BY	NO.	REV.	SHEET NO.
8	U-BR	LASALLE	44	20
SHEET NO. 1				8 SHEETS

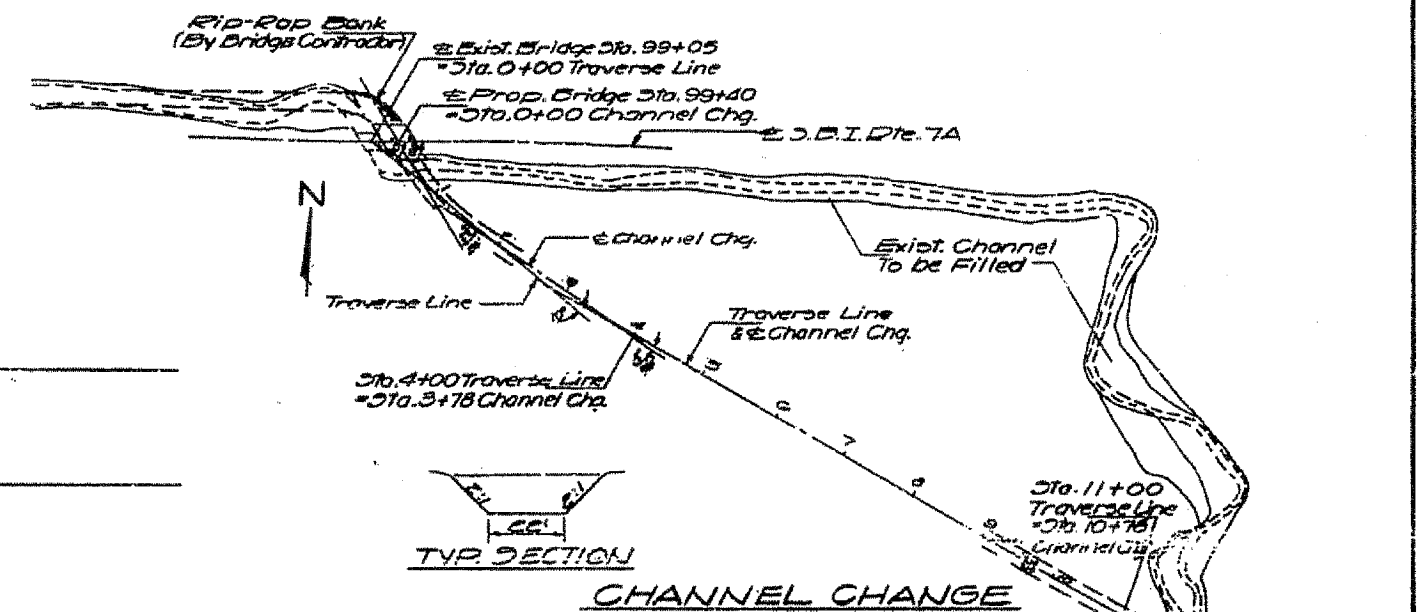
B.M. #1 Chiseled in N.N. of Headwall
 10' at Sta. 99+00 El. 100.00
 Existing Structure: Rein. Conc. Slab, Rein. Conc. Abut.,
 22" O.A.W.T., R.C.C. & Ell. Wearing Surface.
 Built as S.B.I. 7A, Sec. U-B, 1920.
 To be removed by Bridge Contractor before new
 bridge is built. No Salvage.

Detour Road: Provide 3-12" ϕ
 Pipe Culverts
 (2.5' y. Flood Freq.)

STATE OF ILLINOIS
 DEPARTMENT OF PUBLIC WORKS & BUILDINGS
 DIVISION OF HIGHWAYS

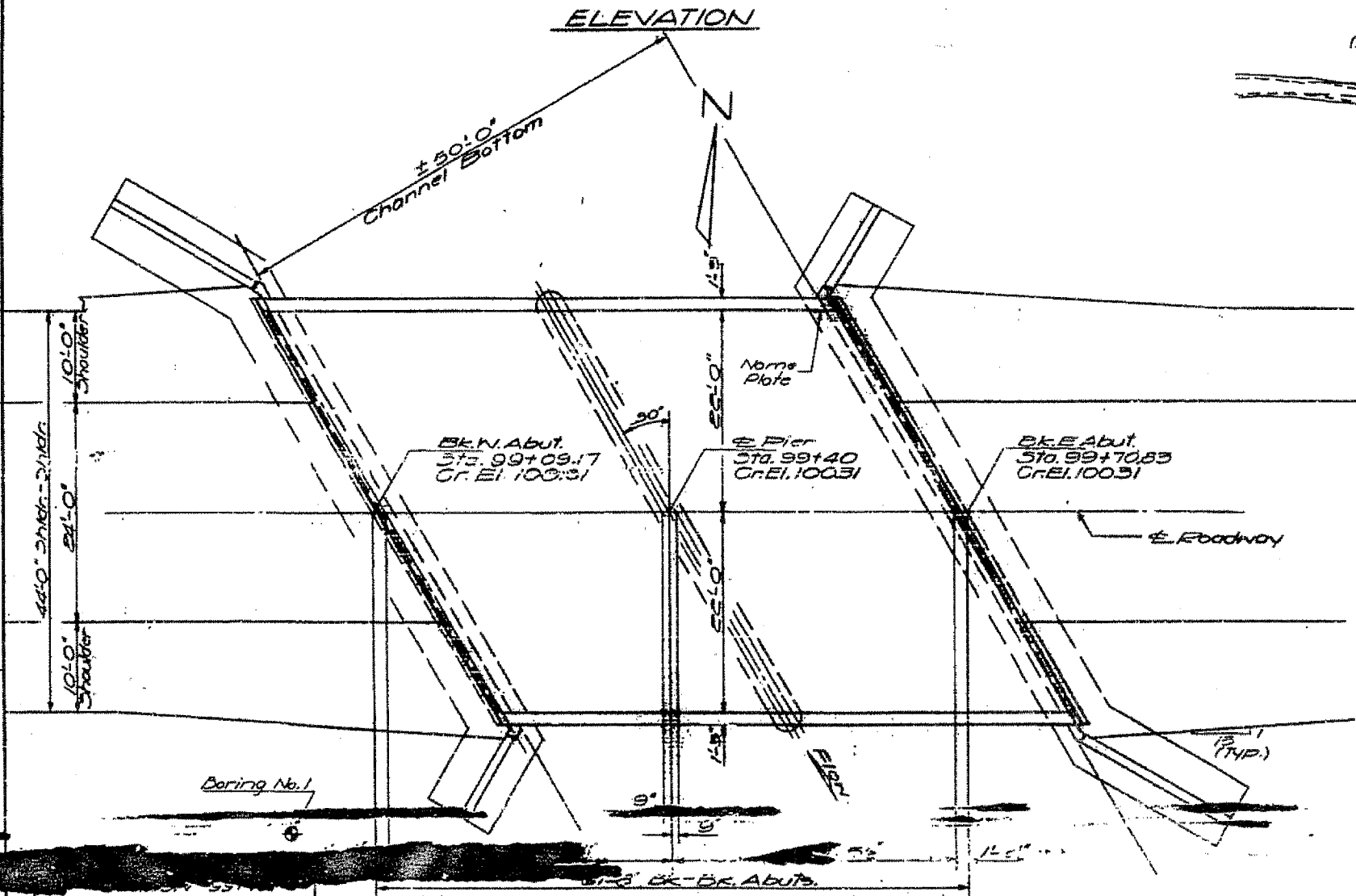


ELEVATION



TYP. SECTION

CHANNEL CHANGE



PLAN

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.	Total
Rock Excavation for Structures	Cu. Yds.			53
Channel Excavation	Cu. Yds.			1560
Class B Excavation for Structures	Cu. Yds.			750
Removal of Existing Structures	Ea.			1
Class X Concrete	Cu. Yds.	6.9	208.8	215.7
Class A Concrete	Cu. Yds.		99.7	99.7
Handrail Concrete	Cu. Yds.	3.6		3.6
Reinforcement Bars	Lbs.	4010	29440	33450
RFC Deck Bms. (17")	Sq. Ft.	2769		2769
Name Plates	Ea.	1		1
Protective Coat	Sq. Yds.	58		58
Coal Tar Interlayer, Repeating	Sq. Yds.	297		297
Stone Riprap	Sq. Yds.			270
Class A Excavation for Structures	Cu. Yds.			

BUILT BY
 STATE OF ILLINOIS
 S.B.I. RT. 7A SEC. U-BR
 LOADING H3 E0

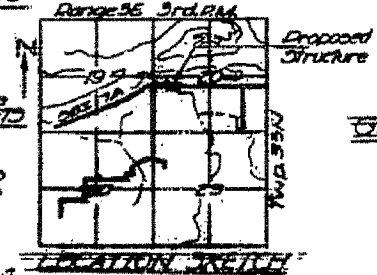
DESIGNED: *Corby*
 CHECKED: *Suresh T. Desai*
 DRAWN: *Jacobs*
 CHECKED: *S.S.*

EXAMINED: *James J. Blair*
 DRAWN: *Casey E. Johnson*
 APPROVED: _____

WATERWAY INFORMATION
 Drainage Area: 4500 Acres
 Character: rolling, hilly, wooded, cultivated
 Required Opening (50-year Flood): 670 Cg.Ft.
 Present Opening: 102 Cg.Ft.
 Proposed Opening: 670 Cg.Ft.
 Q (50) = 1770 cfs

DESIGN STRESSES

FIELD UNITS
 $f_c = 1400$ psi
 $f_s = 20,000$ psi - Reinf.
 $v_c = 75$ psi - Figs. n=10
 $f_c = 1000$ psi - Abut. & Wings
 PRECAST STRESSED UNITS
 $f_c = 2500$ psi
 $f_s = 40,000$ psi
 $f_s = 240,000$ psi - Strands
 $f_{si} = 175,000$ psi - Strands



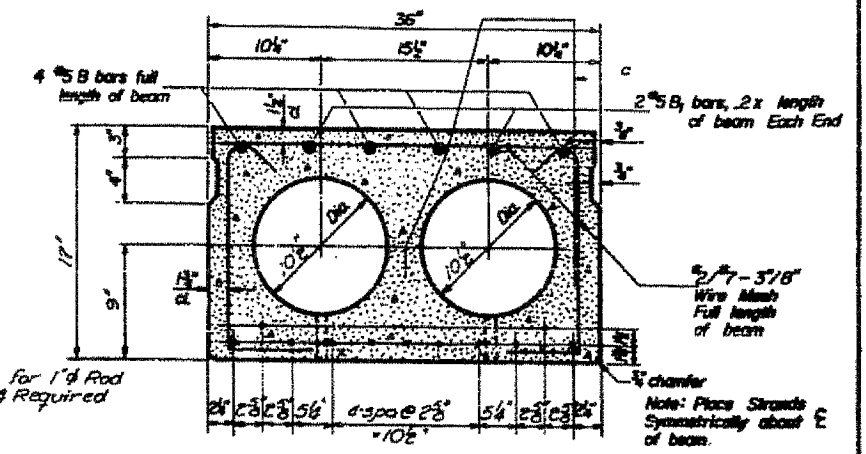
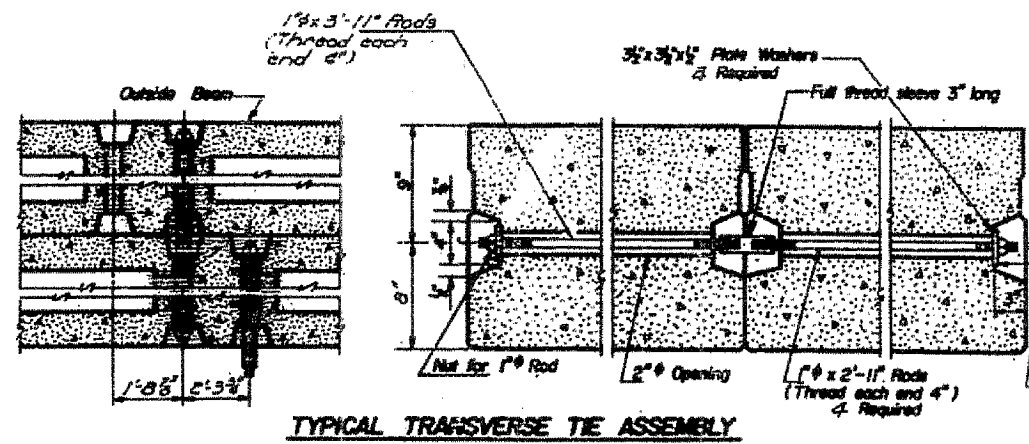
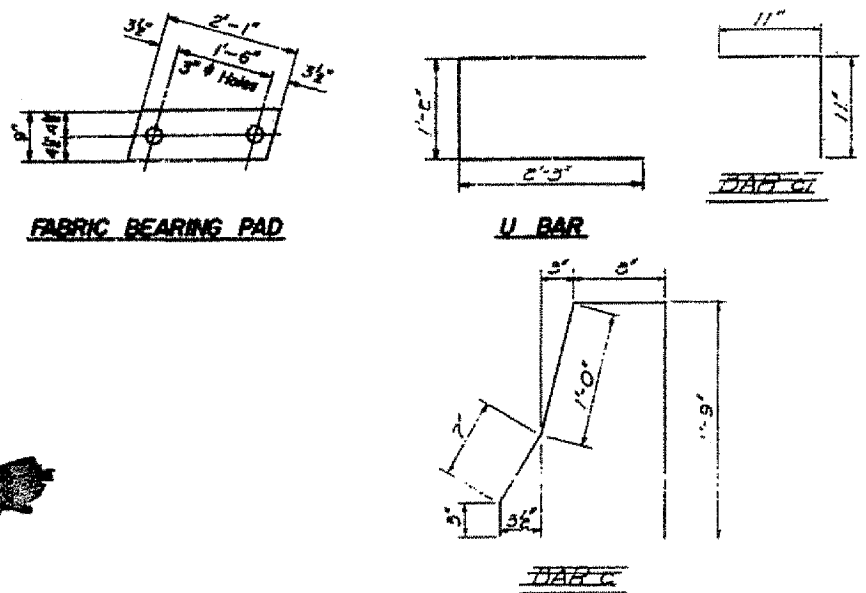
GENERAL PLAN & ELEVATIONS
 BROWN BROOK
 S.B.I. ROUTE 7A
 SECTION U-BR
 LASALLE COUNTY
 STATION 99+40

LOADING H3 E0

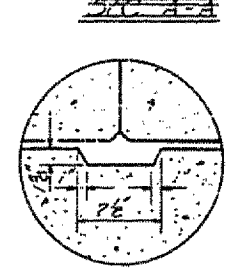
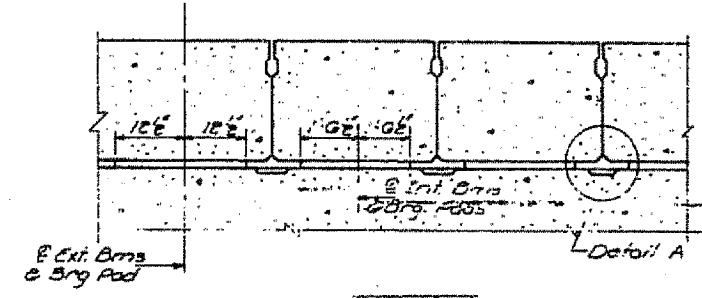
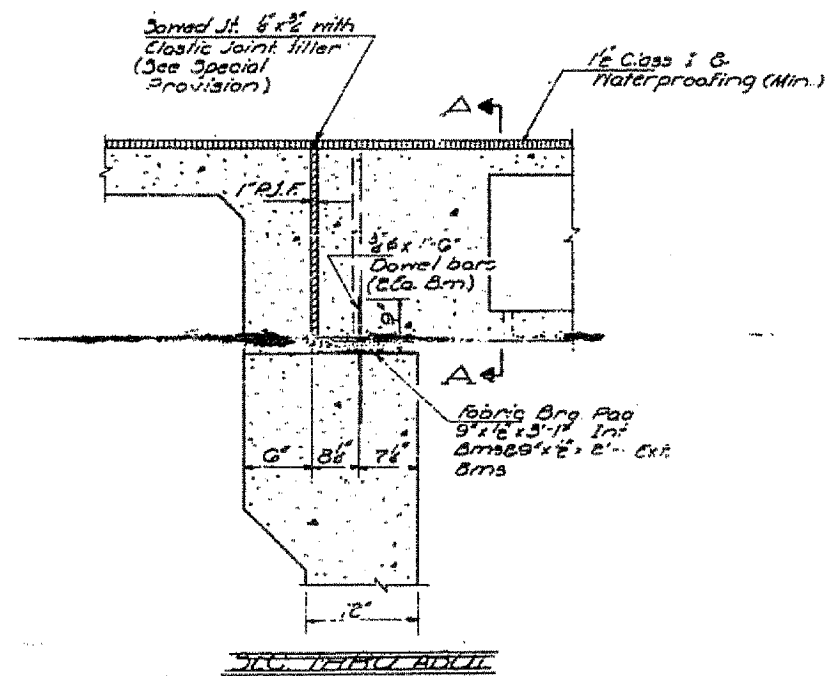
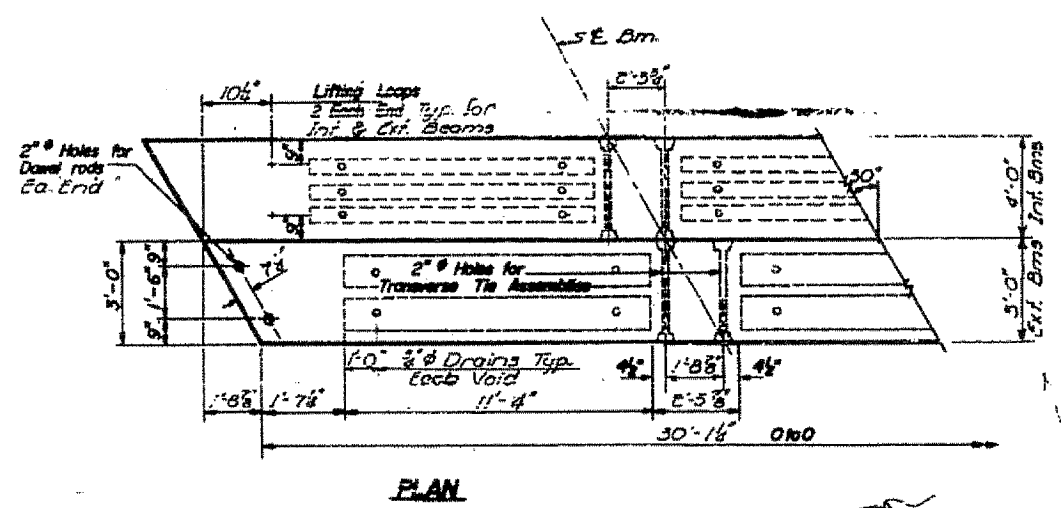
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STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

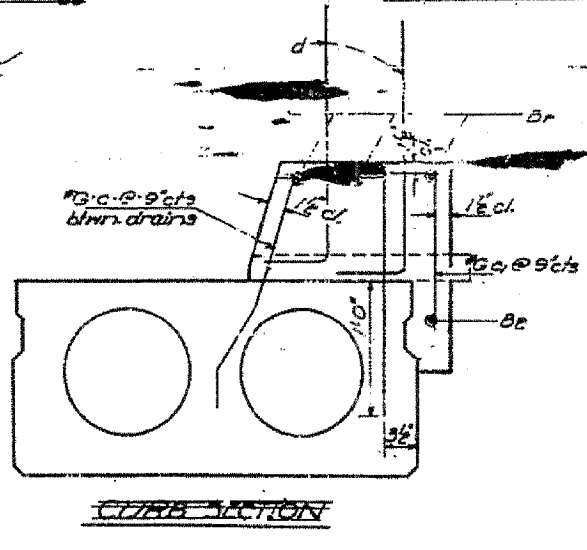
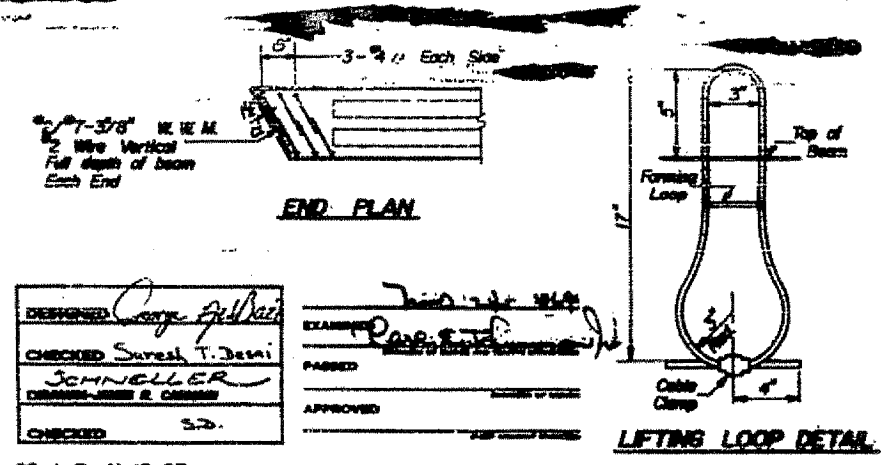
U-BR	LASALLE 44	23	8 SHEETS
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TYPICAL SECTION (TRANSVERSE)
12 # Strands Each Strand Stressed to 18,900 lbs.
9 Strands 1 3/4" up 2 Strands 3 3/4" up



FOR INFORMATION ONLY



GENERAL NOTES

Prestressing steel shall be non-permanent high strength, stress-relieved 7-wire strand. The nominal diameter shall be 7/16 and the nominal cross-sectional area shall be 0.109 sq. in. Lifting loops shall be 1/2" diameter, 6x19 class wire rope with fiber core and shall have a minimum ultimate tensile strength of 21,000 lbs.

The 1" rods in the transverse tie assembly shall be tightened to a snug fit and the strands set. Packets that receive transverse tie bar on outside beam shall be filled with grout after transverse tie assembly is in place.

Longitudinal shear keys shall be packed with a very dry mix of 2-1 sand and P.C. mortar. After beams have been erected, holes for the dowl anchors shall be drilled into the sub-structure and the anchor details shall be grouted in place.

After fabrication the transverse tie connections (tie rods, nuts, washers and sleeves) shall be hot-dipped galvanized in accordance with A.S.T.M. designation A153.

A coat of reinforcement and accessories cast into the beam, of bearing girders, of armor angles, and of grouting longitudinal shear keys is included in unit price bid for Precast Prestressed Concrete Deck Beams.

An Alternate Strand Pattern using extra high strength Prestressing Strand (E70 ksi) is permitted. See Special Provisions.

Steel for dowl rods shall be A.S.T.M. A-306 or A.S.T.M. A-615.

Steel for transverse tie rods shall be A.S.T.M. A-306 grade 30-70.

BILL OF MATERIALS

Item	Qty	Size	Length	Shape
* B	16	#3	29'-9"	
* B1	24	#5	6'-0"	
* B2	16	#5	29'-8"	
* C	160	#6	4'-3"	U
* C1	160	#6	1'-10"	U
* U	48	#4	5'-8"	
Precast Prestressed Concrete				
17" Deck Beams				
Class X Concrete				
Reinforcement Bars				
		Sq. Ft.	361	
		Cu Yds	6.9	
		Lbs	940	

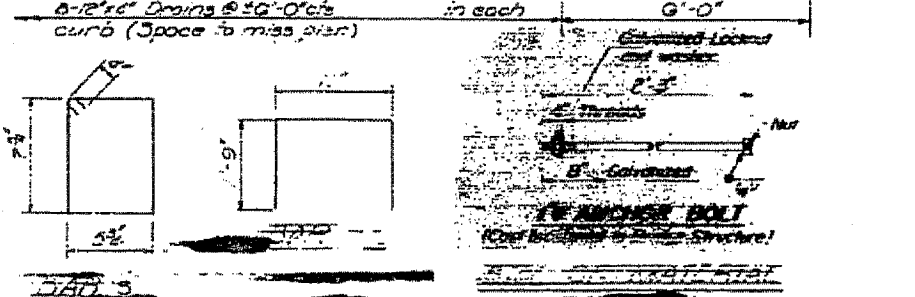
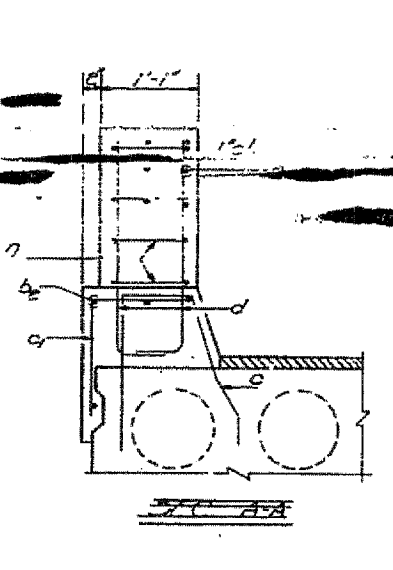
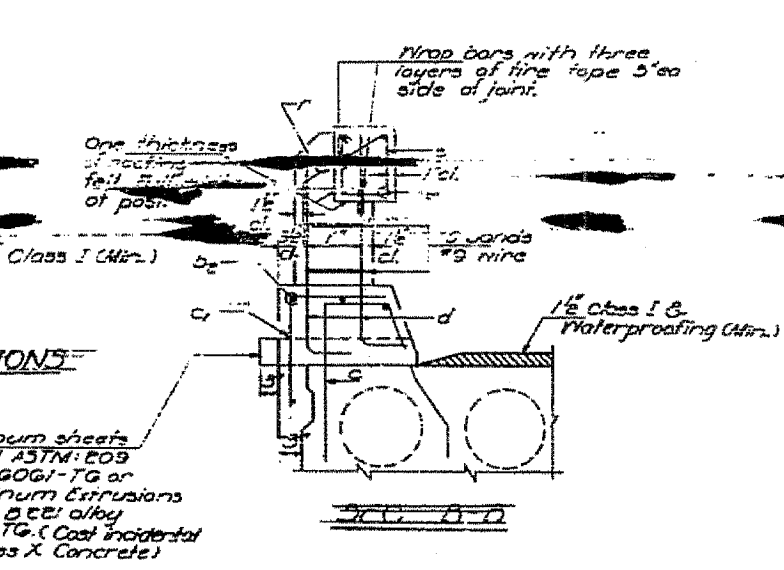
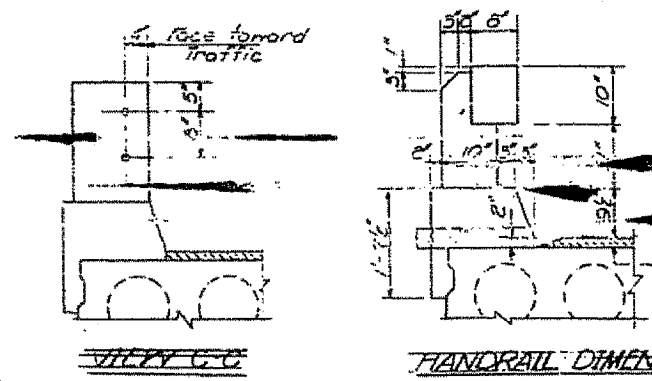
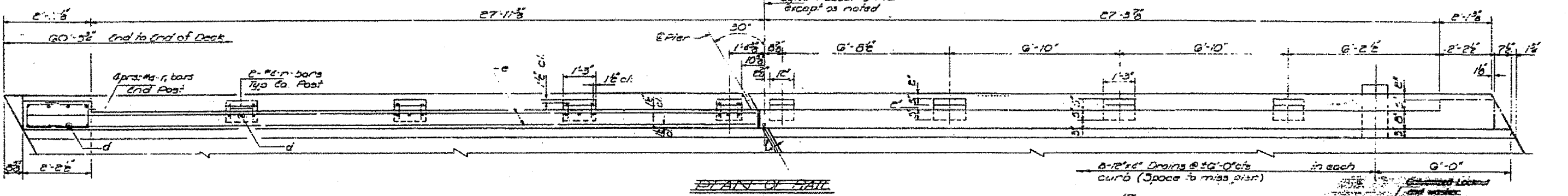
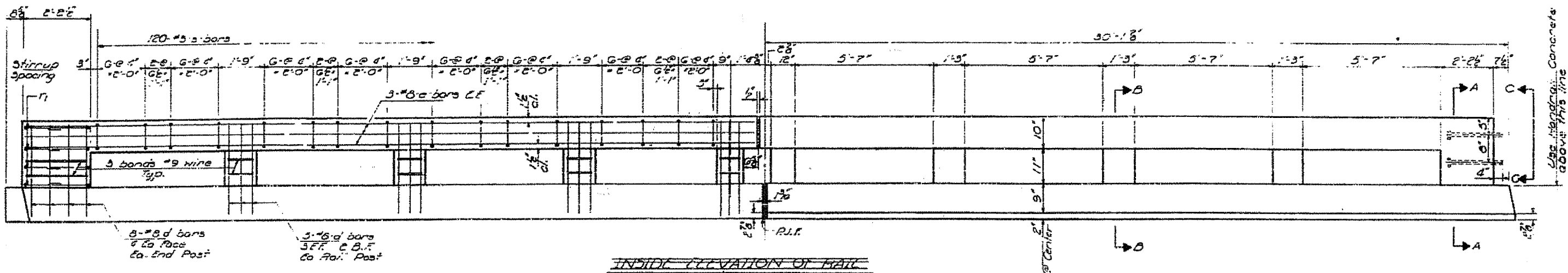
DESIGNED: George A. [Signature]
CHECKED: Suresh T. Desai
JOHNSON
CHECKED: S.S.

EXAMINED: [Signature]
PASSED: [Signature]
APPROVED: [Signature]

PD-1-R 11-19-65

STATE OF ILLINOIS
 DEPARTMENT OF PUBLIC WORKS & BUILDINGS
 DIVISION OF HIGHWAYS

PROJECT NO.	U-BR LASALLE	44	24
SHEET NO.	5		
TOTAL SHEETS	8		



Bar	Qty	Length	Volume
d	112	#8 2'-6"	3.6
f	4	#8 2'-6"	1.7
n	32	#4 4'-5"	7
s	240	#3 2'-11"	8
Handrail Concrete			Cutts 3.6
Reinforcement Bars			Lbs 3070

* The cost of furnishing and placing the #9 gage wire, fire tape and roofing felt shall be included in unit or as bid per cubic yards for Handrail Concrete.

DESIGNED *George Anbar*
 CHECKED *Suresh T. Desai*
 DRAWN *Schneller*
 CHECKED *S.D.*

EXAMINED _____
 PARSED _____
 APPROVED _____

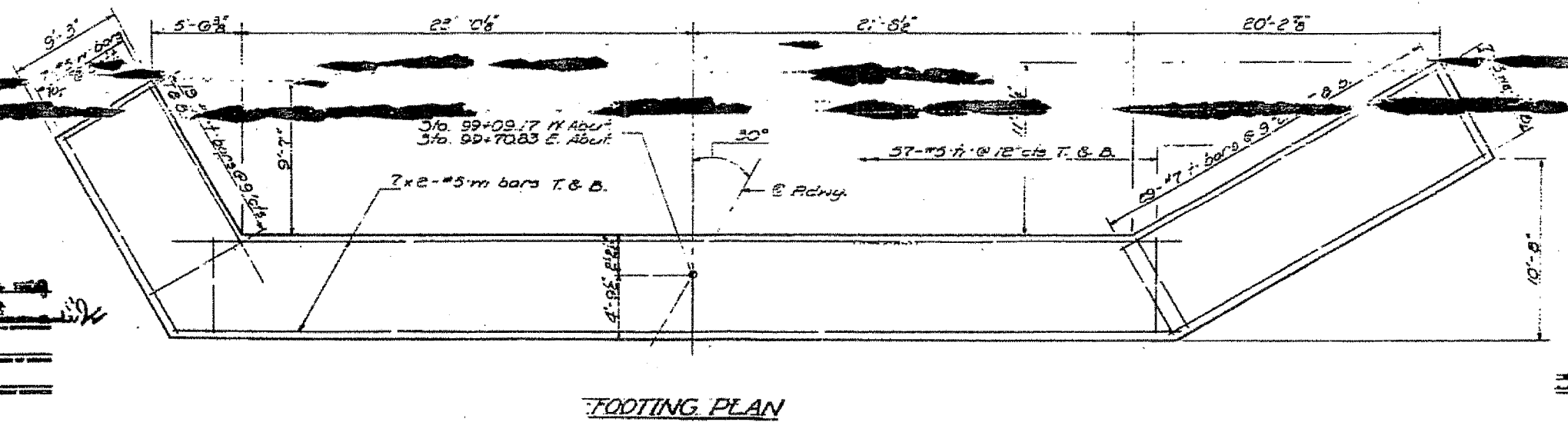
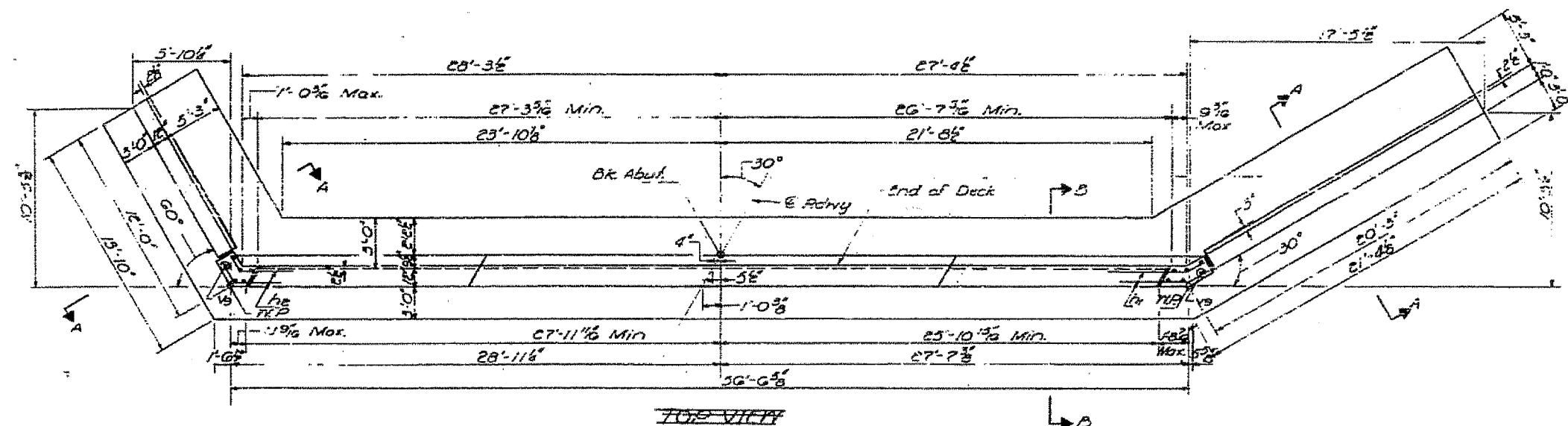
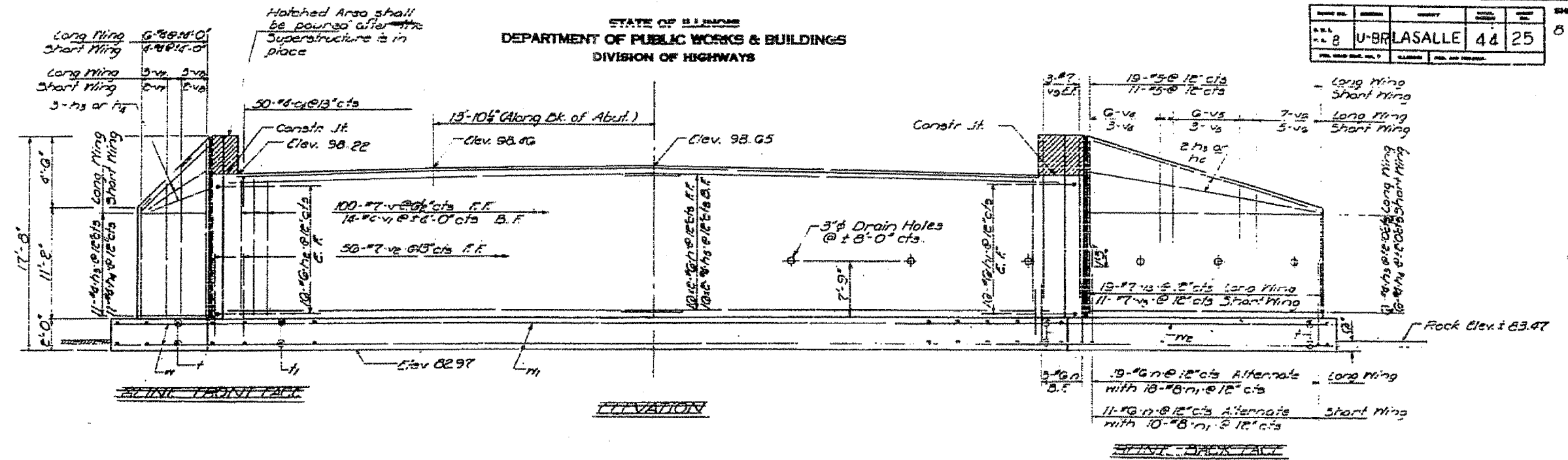
Aluminum sheets welded ASTM: E09 alloy 6061-T6 or Aluminum Extrusions ASTM: 6061 alloy 6061-T6. (Cost incidental to Class X Concrete)

CONCRETE HANDRAIL
 501 RTA SEC 0-03
 LA SALLE COUNTY
 STA 997+00

FOR INFORMATION ONLY

PROJECT NO.	U-BR LASALLE	44	25
SHEET NO.	8 SHEETS		

STATE OF ILLINOIS
 DEPARTMENT OF PUBLIC WORKS & BUILDINGS
 DIVISION OF HIGHWAYS

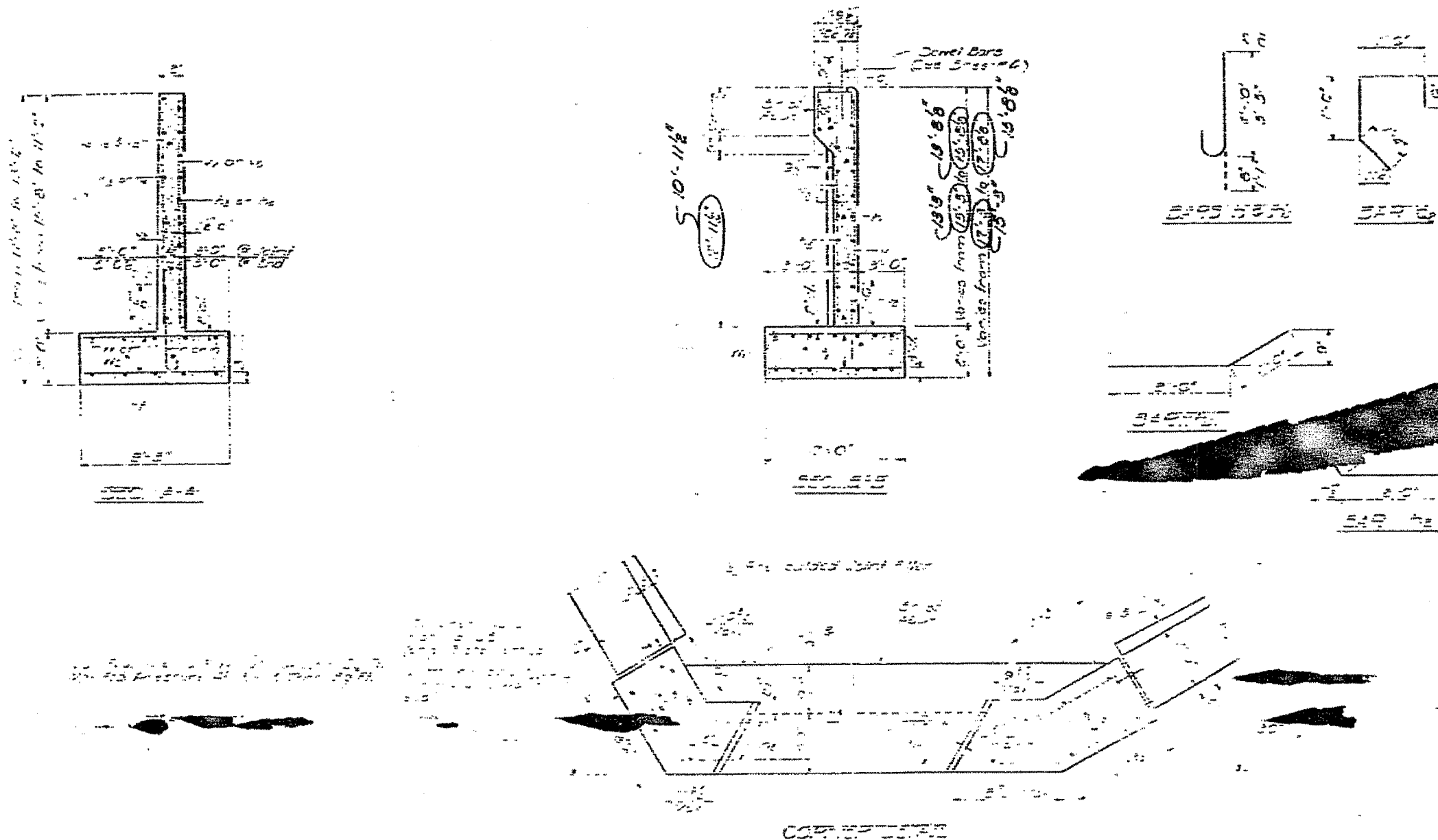


DESIGNED: *George A. [Signature]*
 CHECKED: *Suresh T. Desai*
 DRAWN: *Schneller*
 EXAMINED: *[Signature]*
 PASSED: _____
 APPROVED: _____

FOR INFORMATION ONLY
 EAST & WEST
 ADJUTANTS
 517 81 78 50 17-158
 LASALLE COUNTY
 518 99-00

SHEET NO. 7A			
DESIGNER	DATE	SCALE	SHEETS
ASA	44	20	6

STATE OF ILLINOIS
 DEPARTMENT OF PUBLIC WORKS & BUILDINGS
 DIVISION OF HIGHWAYS



THE REINFORCEMENTS
LIST OF MATERIAL

NO.	QTY	SIZE	LENGTH	REMARKS
1	20	1/2"	25'-0"	
2	20	1/2"	25'-0"	
3	20	1/2"	25'-0"	
4	20	1/2"	25'-0"	
5	20	1/2"	25'-0"	
6	20	1/2"	25'-0"	
7	20	1/2"	25'-0"	
8	20	1/2"	25'-0"	
9	20	1/2"	25'-0"	
10	20	1/2"	25'-0"	
11	20	1/2"	25'-0"	
12	20	1/2"	25'-0"	
13	20	1/2"	25'-0"	
14	20	1/2"	25'-0"	
15	20	1/2"	25'-0"	
16	20	1/2"	25'-0"	
17	20	1/2"	25'-0"	
18	20	1/2"	25'-0"	
19	20	1/2"	25'-0"	
20	20	1/2"	25'-0"	

DESIGNED	DATE	BY
CHECKED	DATE	BY
APPROVED	DATE	BY

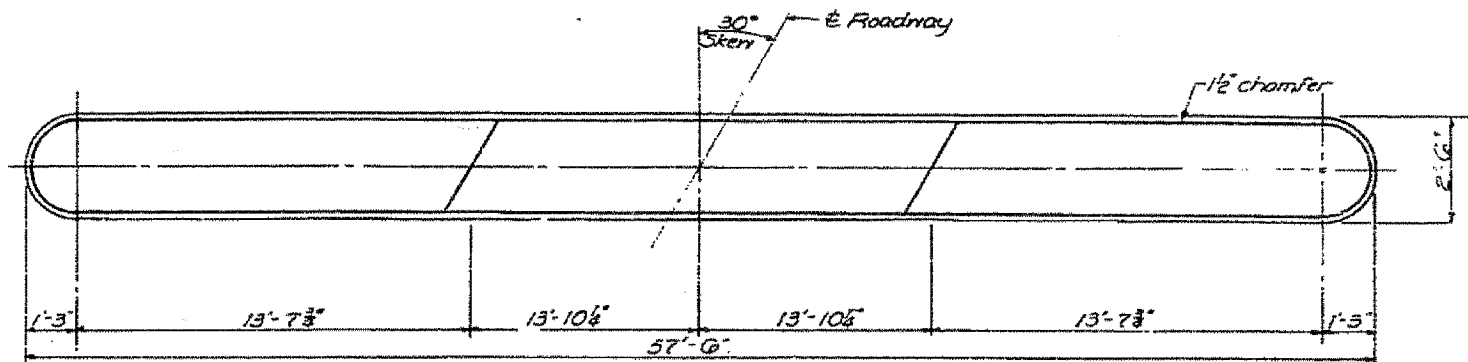
DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]

FOR INFORMATION ONLY

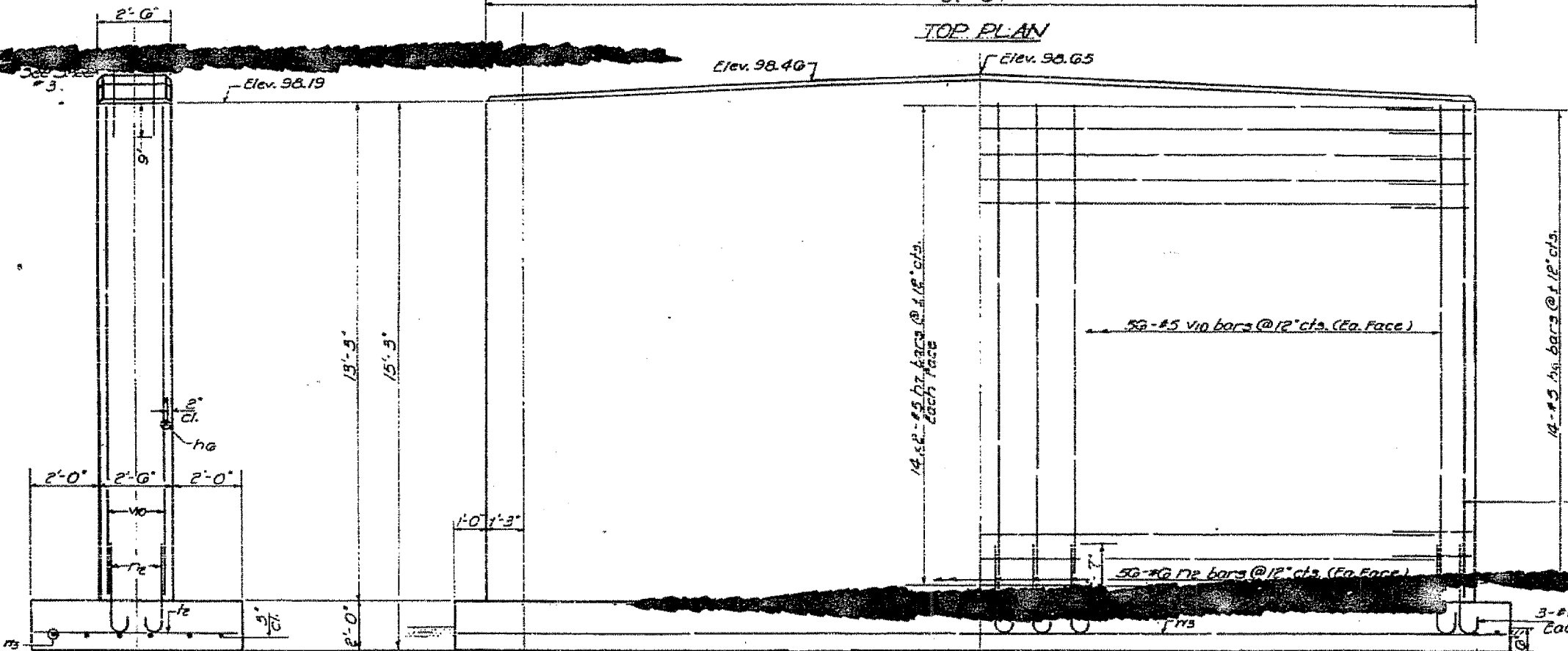
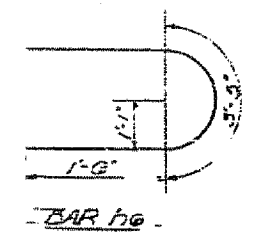
AS BUILT

PROJECT NO.	SECTION	DATE	SCALE	SHEET NO.
8	U-BR	LASALLE	44	27
TOTAL SHEETS				8 SHEETS

STATE OF ILLINOIS
 DEPARTMENT OF PUBLIC WORKS & BUILDINGS
 DIVISION OF HIGHWAYS



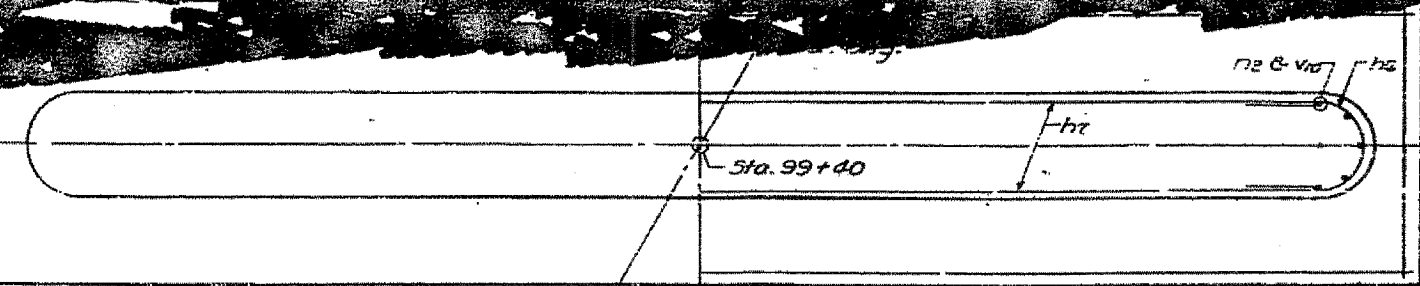
TOP PLAN



ELEVATION

BILL OF MATERIALS

Bar No.	Size	Length	Shape
hg	#5	6'-5"	U
h1	#5	28'-0"	—
h2	#6	5'-0"	C
h3	#5	6'-2"	—
v10	#5	13'-0"	—



FOOTING PLAN

DESIGNED George A. Diaz
 CHECKED Saved T. Dehn
 DRAWN Janice J. Smith
 CHECKED SS.

EXAMINED Paul S. D.
 PASSED
 APPROVED

Max. Hg. Pressure = 1.3 Tons / 3q. Ft.

Class A Concrete	Cu. Yds.	98.7
Reinforcement Bars	Lbs.	5770

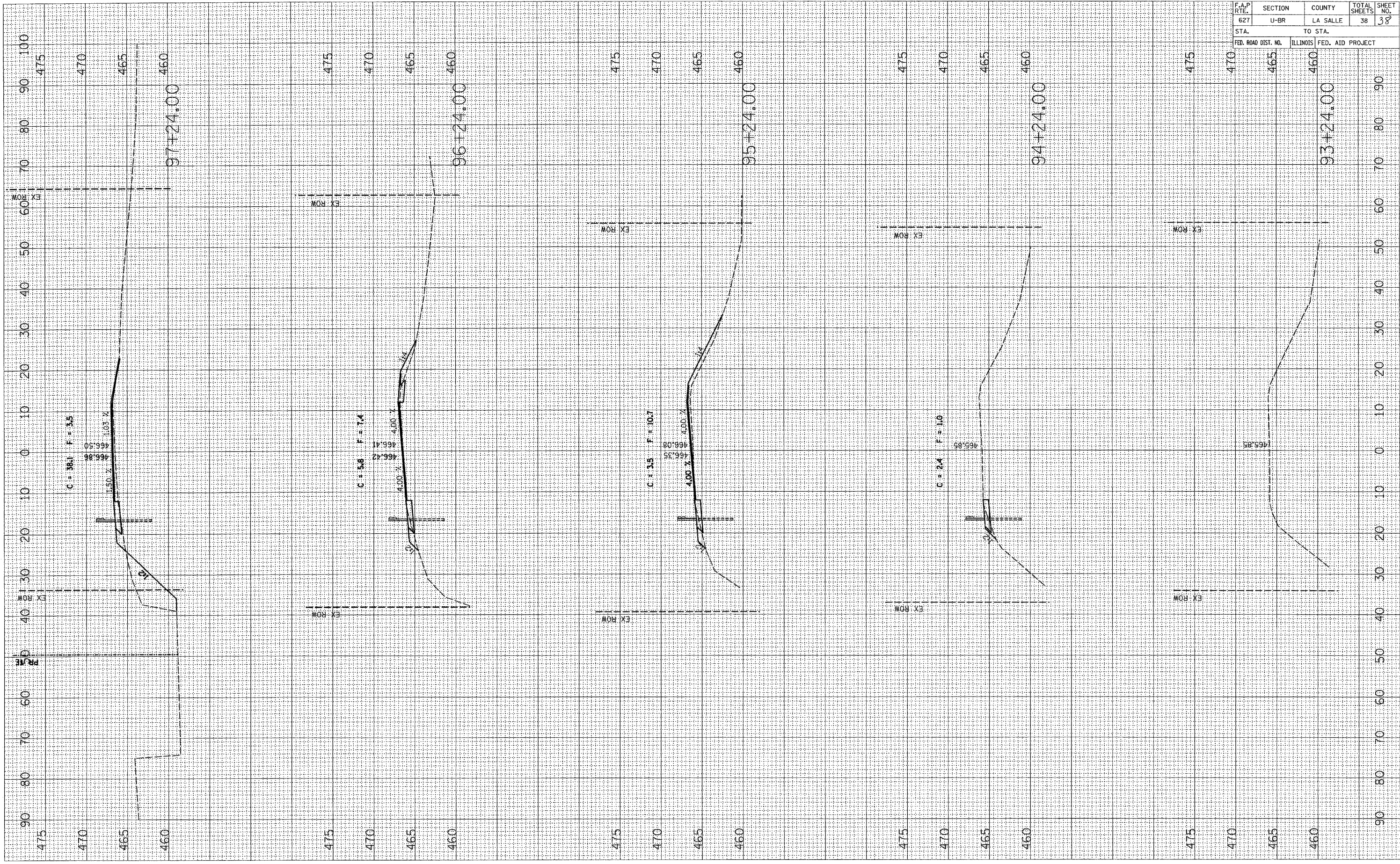
FOR INFORMATION ONLY

PIER
 J. D. BERTHA, SECULAR
 J. A. SALLE COUNTY
 STA. 99+40

PLOT DATE = 08/19/2006
 FILE NAME = \\s025-1\18\work\p18c.dgn
 PLOT SCALE = 0.2000' / IN.
 USER NAME = CPC

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

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



CONTRACT NO. 66544			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
627	U-BR	LA SALLE	38
STA. TO STA.		SHEET NO.	
FED. ROAD DIST. NO. ILLINOIS		38	
FED. AID PROJECT			