

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

ROUTE: VARIOUS (VARIOUS)
VARIOUS LOCATIONS: SOUTH OF IL. RTE. 137
SECTION: 2014-0401
BRIDGE DECK SEALING
LAKE COUNTY

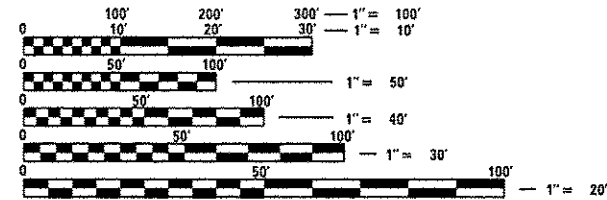
C-91-351-14

FOR INDEX OF SHEETS, SEE SHEET NO. 2

IMPROVEMENTS ARE LOCATED IN THE CITY OF NORTH CHICAGO, LAKE FOREST AND VILLAGES OF LAKE VILLA, LINCOLNSHIRE, LAKE FOREST, METTAWA BARRINGTON HILLS, LAKE BARRINGTON, HIGHLAND PARK, LAKE BLUFF, LIBERTYVILLE FOX RIVER GROVE, NORTH BARRINGTON, LINCOLNSHIRE, VERNON HILLS, LONG GROVE AND BUFFALO GROVE.

IMPROVEMENTS ARE LOCATED IN THE TOWNSHIPS OF CUBA, DEERFIELD, SHIELDS ELA, VERNON, WEST DEERFIELD, WAUCONDA, LIBERTYVILLE, MORaine AND LAKE VILLA

SEE LOCATION MAPS
SHEETS 5 - 11



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

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

PROJECT ENGINEER - J. ALAIN MIDY (847) 221-3056
PROJECT MANAGER - ISSAM RAYYAN (847) 705-4178

CONTRACT NO. 60Y34

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	2014-0401	LAKE	42	1
		ILLINOIS	CONTRACT NO. 60Y34	

D-91-351-14



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED August 11, 2014
John Furman
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Oct 17, 2014
John D. Baranzelli P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Oct 17, 2014
Omar Osman P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	SCHEDULE OF QUANTITIES
5 - 11	LOCATION MAPS
12	EXISTING BRIDGE PLANS (LOCATION NO 1, SN 049-0001)
13	EXISTING BRIDGE PLANS (LOCATION NO 2, SN 049-0002)
14	EXISTING BRIDGE PLANS (LOCATION NO 3, SN 049-0011)
15	EXISTING BRIDGE PLANS (LOCATION NO 4, SN 049-0012)
16	EXISTING BRIDGE PLANS (LOCATION NO 5, SN 049-0037)
17	EXISTING BRIDGE PLANS (LOCATION NO 6, SN 049-0039)
18	EXISTING BRIDGE PLANS (LOCATION NO 7, SN 049-0068)
19	EXISTING BRIDGE PLANS (LOCATION NO 8, SN 049-0079)
20	EXISTING BRIDGE PLANS (LOCATION NO 9, SN 049-0081)
21	EXISTING BRIDGE PLANS (LOCATION NO 10, SN 049-0082)
22	EXISTING BRIDGE PLANS (LOCATION NO 11, SN 049-0083)
23	EXISTING BRIDGE PLANS (LOCATION NO 12, SN 049-0088)
24	EXISTING BRIDGE PLANS (LOCATION NO 13, SN 049-0131)
25	EXISTING BRIDGE PLANS (LOCATION NO 14, SN 049-0152)
26	EXISTING BRIDGE PLANS (LOCATION NO 15, SN 049-0153)
27	EXISTING BRIDGE PLANS (LOCATION NO 16, SN 049-0156)
28	EXISTING BRIDGE PLANS (LOCATION NO 17, SN 049-0165)
29	EXISTING BRIDGE PLANS (LOCATION NO 18, SN 049-0166)
30	EXISTING BRIDGE PLANS (LOCATION NO 19, SN 049-0169)
31	EXISTING BRIDGE PLANS (LOCATION NO 20, SN 049-0176)
32	EXISTING BRIDGE PLANS (LOCATION NO 21, SN 049-0177)
33	EXISTING BRIDGE PLANS (LOCATION NO 22, SN 049-0187)
34	EXISTING BRIDGE PLANS (LOCATION NO 22, SN 049-0191)
35	EXISTING BRIDGE PLANS (LOCATION NO 22, SN 049-0193)
36	EXISTING BRIDGE PLANS (LOCATION NO 22, SN 049-0194)
37	EXISTING BRIDGE PLANS (LOCATION NO 22, SN 049-0200)
38	EXISTING BRIDGE PLANS (LOCATION NO 22, SN 049-0208)
39	EXISTING BRIDGE PLANS (LOCATION NO 22, SN 049-0212)
40	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
41	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
42	ARTERIAL ROAD INFORMATION SIGN (TC-22)

LIST OF STATE STANDARDS

STANDARD NO.	DESCRIPTION
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-06	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-09	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-09	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-03	TRAFFIC CONTROL DEVICES

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 1-800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. 48 HOURS NOTIFICATION IS REQUIRED.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF NORTH CHICAGO, LAKE FOREST AND IN THE VILLAGE OF LAKE VILLA, LINCOLNSHIRE, LAKE FOREST, METTAWA, BARRINGTON HILLS, LAKE BARRINGTON, HIGHLAND PARK, LAKE BLUFF, LIBERTYVILLE, FOX RIVER GROVE, NORTH BARRINGTON, LINCOLNSHIRE, VERNON HILLS, LONG GROVE AND BUFFALO GROVE.

THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO INSURE THAT NO DEBRIS WILL ENDANGER OR INTERFERE WITH TRAFFIC ON THE ROADWAY (OR THE RAILROAD) BENEATH THE BRIDGE ACCORDING TO ARTICLE 107.09 (OR 107.12) OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPROPRIATE PAY ITEM INVOLVED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

THE RESIDENT ENGINEER SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470. A MINIMUM OF 72 HOURS PRIOR TO THE INSTALLATION OF ANY TEMPORARY TRAFFIC CONTROL DEVICES

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS

FILE NAME :	USER NAME = ababawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES					SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\ababawa\0402136\013514-Design.dgn	DRAWN -	REVISED -							2014-0401	LAKE	42	2	
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -						CONTRACT NO. 60Y34				
Default	PLOT DATE = 8/18/2014	DATE -	REVISED -										
									SCALE:	SHEET	OF	SHEETS	STA.

[illegible]

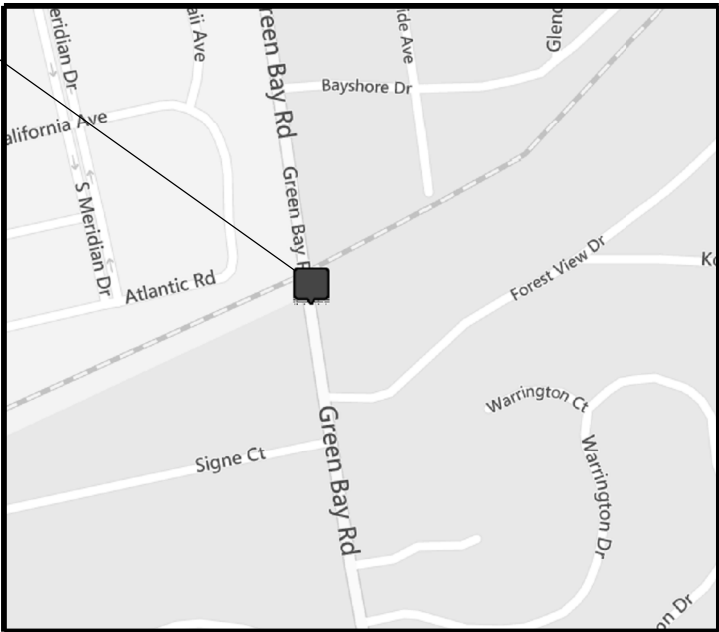
LOCATION 1: SN 049-0001
US 14 EB OVER FLINT CREEK
VILLAGE OF BARRINGTON HILLS AND LAKE BARRINGTON

LOCATION 2: SN 049-0002
US 14 WB OVER FLINT CREEK
VILLAGE OF BARRINGTON HILLS AND LAKE BARRINGTON

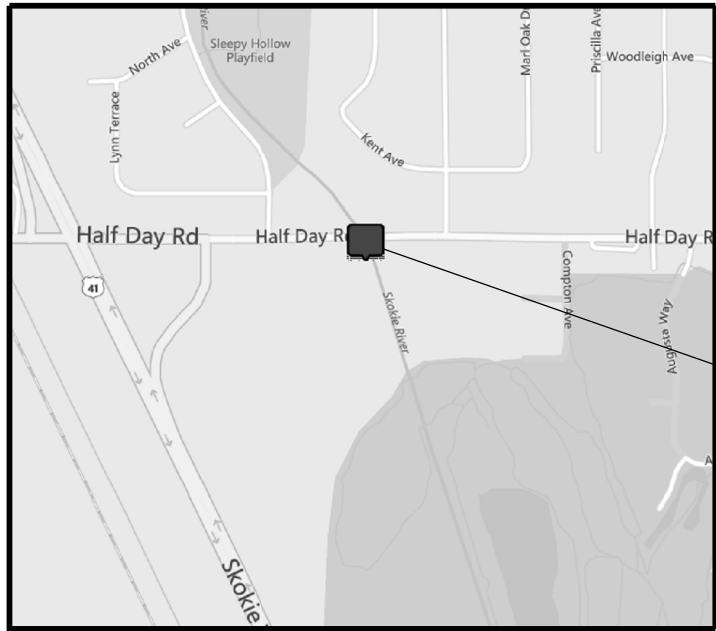
LOCATION 4: SN 049-0012
IL 131 (GREEN BAY) OVER RR EJ&E
CITY OF NORTH CHICAGO



CUBA TOWNSHIP
MAP 1 & 2



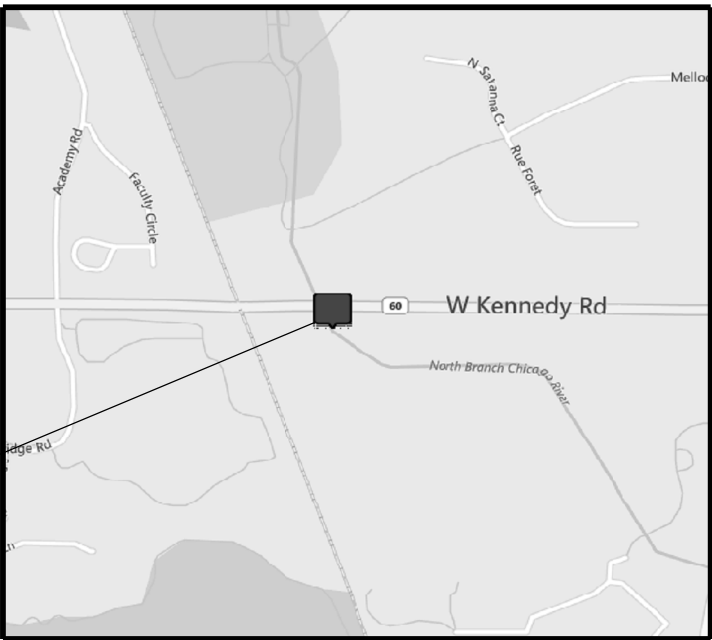
SHIELDS TOWNSHIP
MAP 4



MORAIN TOWNSHIP
MAP 3

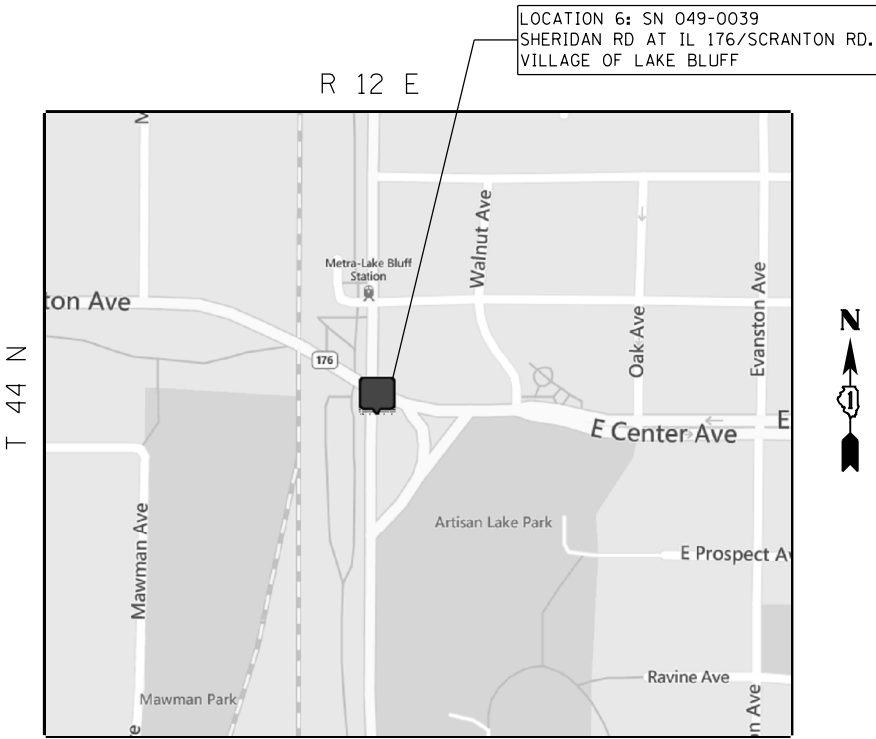
LOCATION 3: SN 049-0011
HALF DAY RD. OVER E. BR SKOKIE DITCH
VILLAGE OF HIGHLAND PARK

LOCATION 5: SN 049-0037
IL 60 (KENNEDY RD.) AT MIDDLE FORK NB CHICAGO RIVER
VILLAGE OF LAKE FOREST

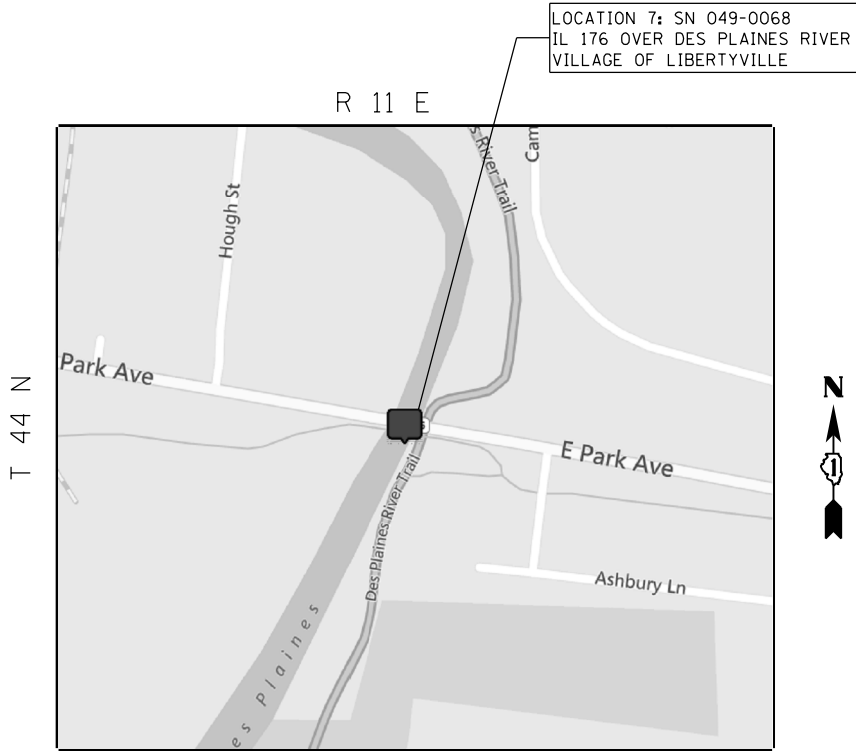


WEST DEERFIELD TOWNSHIP
MAP 5

TRAFFIC DATA				
STRUCTURE NUMBER	FACILITY CARRIED	MAP #	ADT	SPEED LIMIT
049-0001	US RTE 14 (EB)	1	2013 ADT: 14300	55 MPH
049-0002	US RTE 14 (WB)	2	2013 ADT: 14300	55 MPH
049-0011	HALF DAY RD	3	2007 ADT: 10600	40 MPH
049-0012	IL 131 (GREEN BAY)	4	2013 ADT: 13801	40 MPH
049-0037	IL 60	5	2013 ADT: 21600	40 MPH

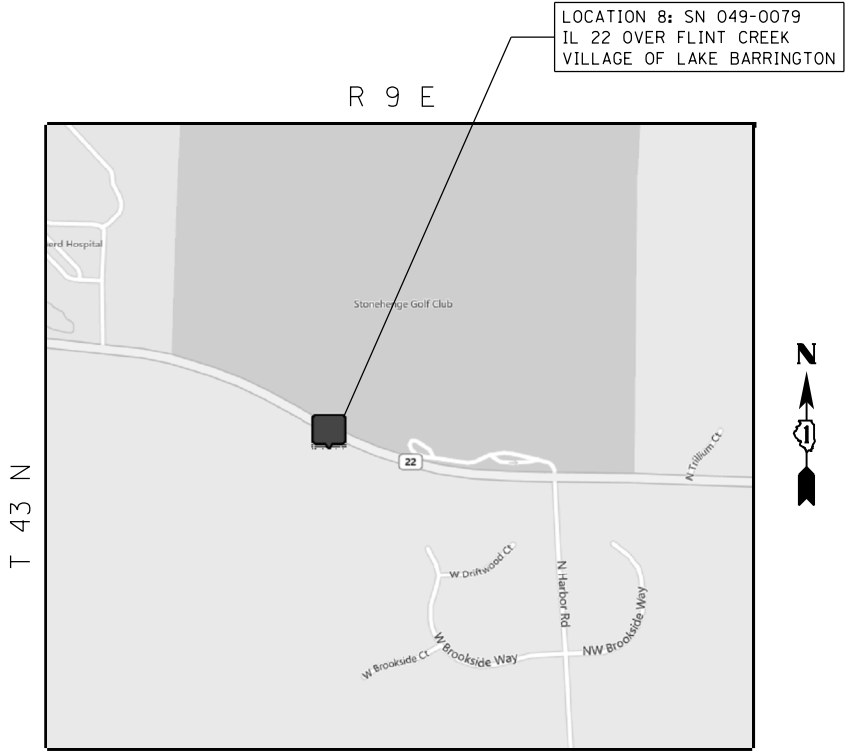


SHIELDS TOWNSHIP
MAP 6

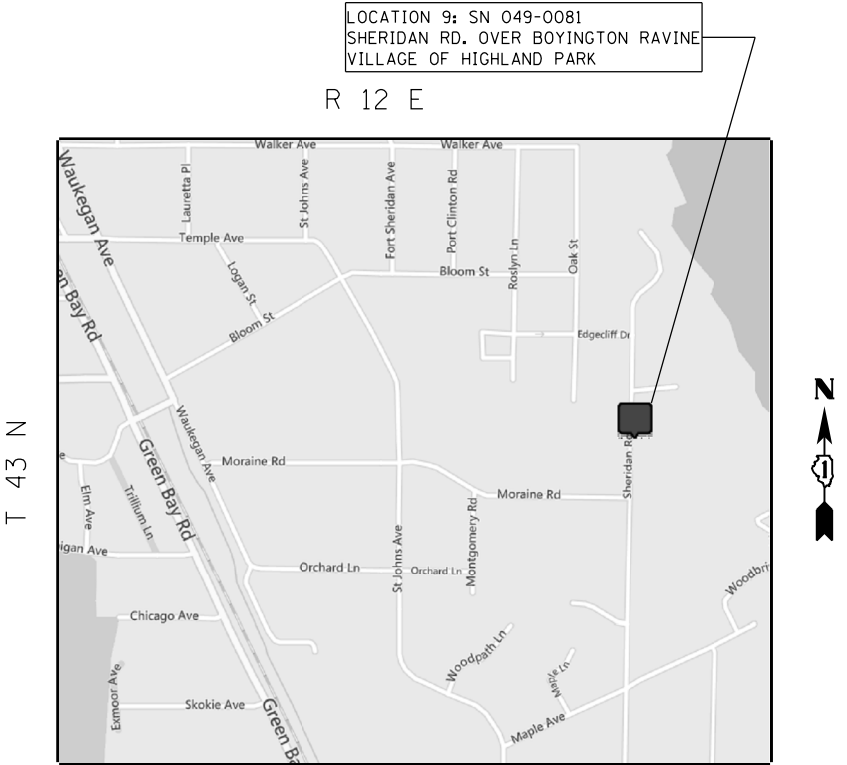


LIBERTYVILLE TOWNSHIP
MAP 7

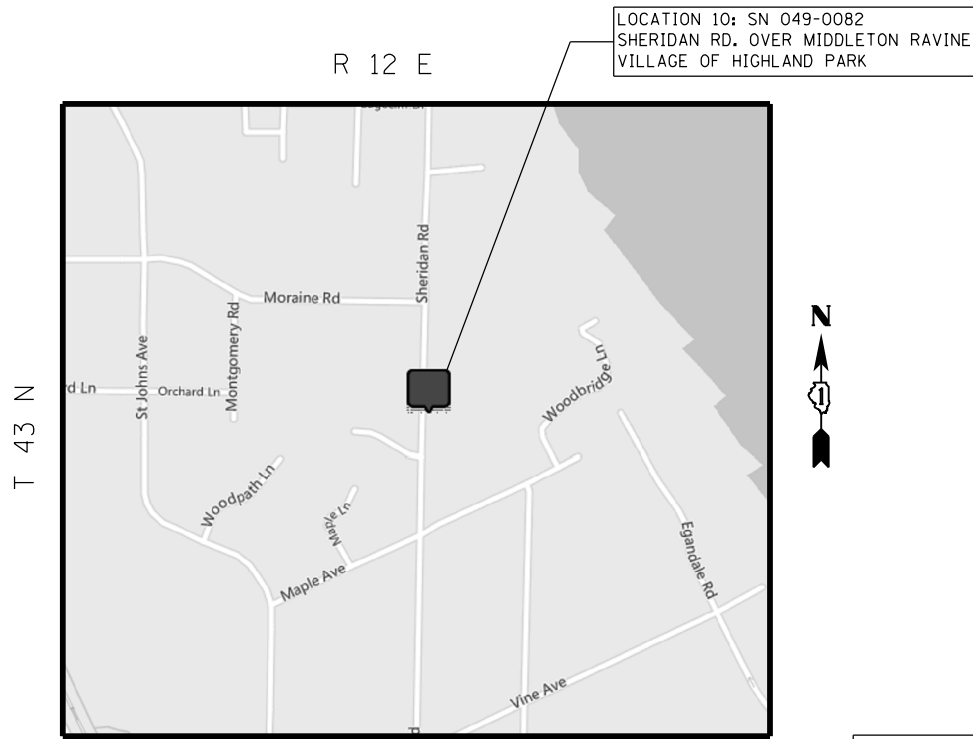
TRAFFIC DATA				
STRUCTURE NUMBER	FACILITY CARRIED	MAP #	ADT	SPEED LIMIT
049-0039	SHERIDAN RD	6	2011 ADT: 3325	30 MPH
049-0068	IL RTE. 176	7	2013 ADT: 16300	50 MPH
049-0079	IL RTE 22	8	2012 ADT: 13400	50 MPH
049-0081	SHERIDAN RD	9	2011 ADT: 1750	30 MPH



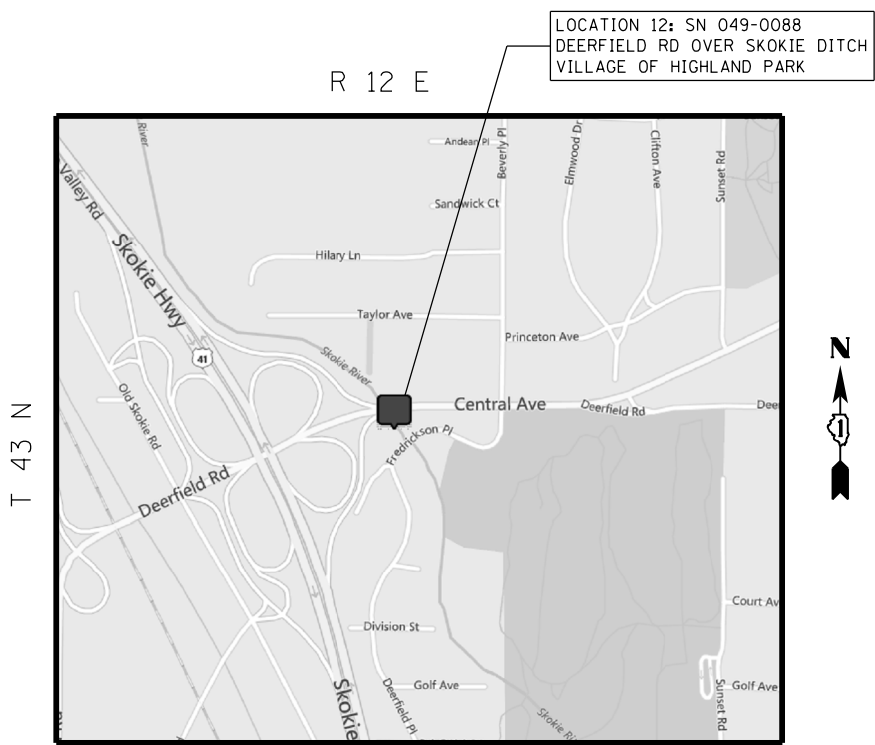
CUBA TOWNSHIP
MAP 8



MORaine TOWNSHIP
MAP 9

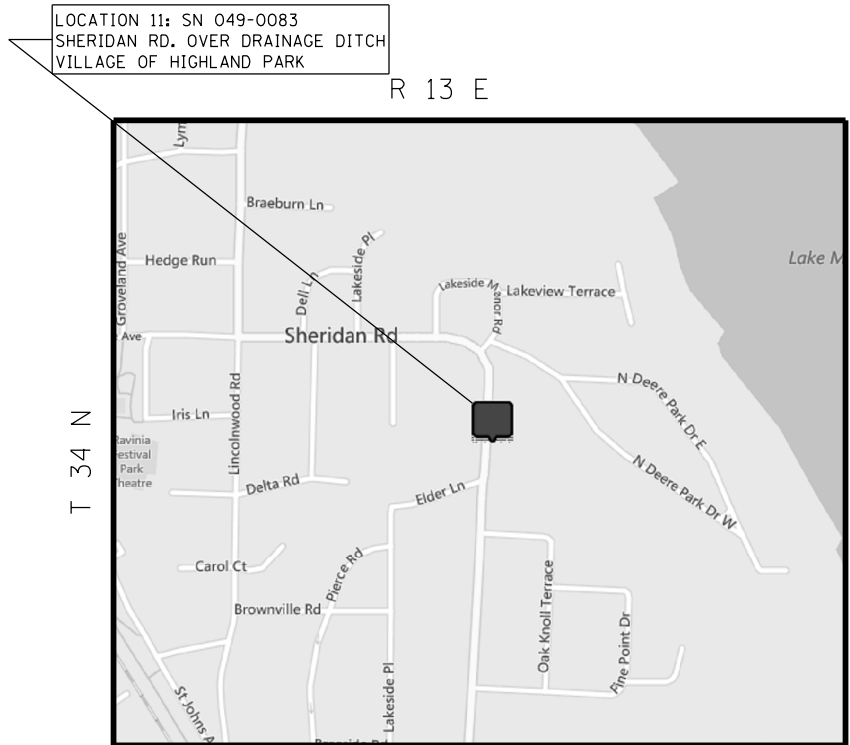


MORaine TOWNSHIP
MAP 10

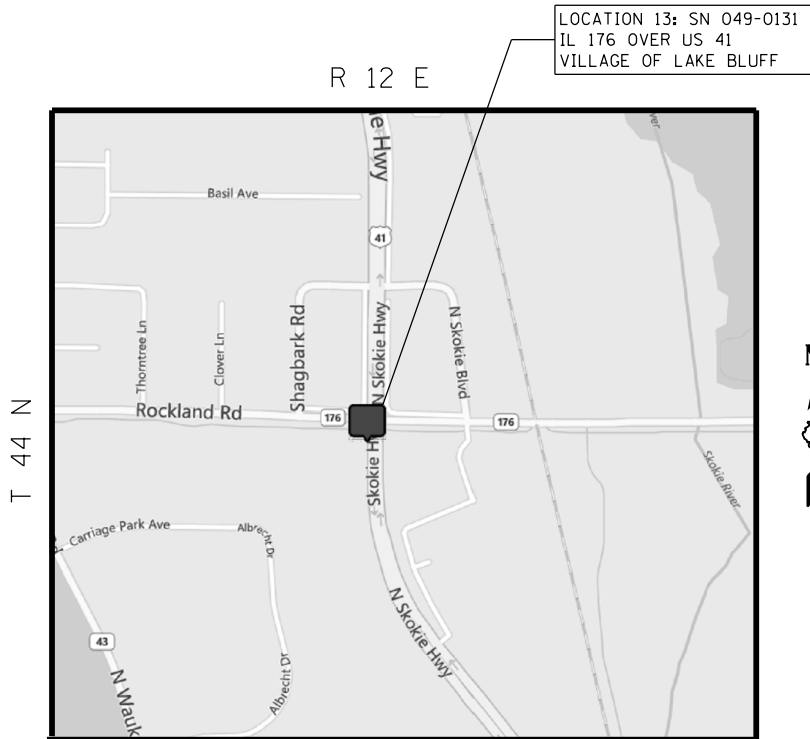


MORaine TOWNSHIP
MAP 12

TRAFFIC DATA				
STRUCTURE NUMBER	FACILITY CARRIED	MAP #	ADT	SPEED LIMIT
049-0082	SHERIDAN RD	10	2011 ADT: 1750	30 MPH
049-0083	SHERIDAN RD	11	2011 ADT: 2250	30 MPH
049-0088	DEERFIELD RD	12	2011 ADT: 5850	35 MPH
049-0131	IL RTE. 176	13	2013 ADT: 18031	40 MPH

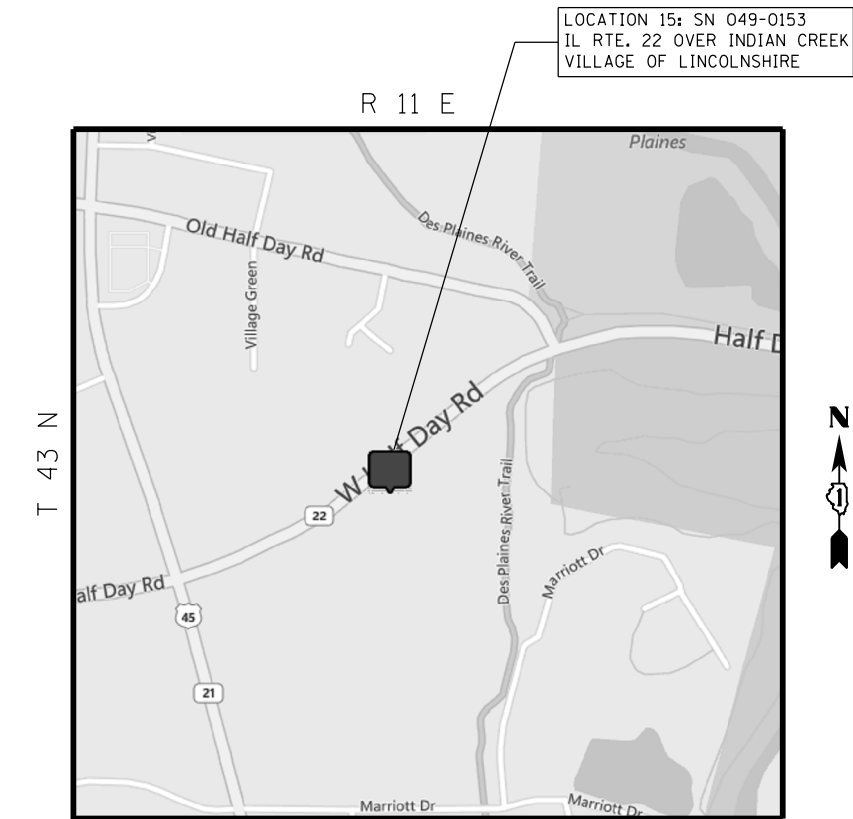
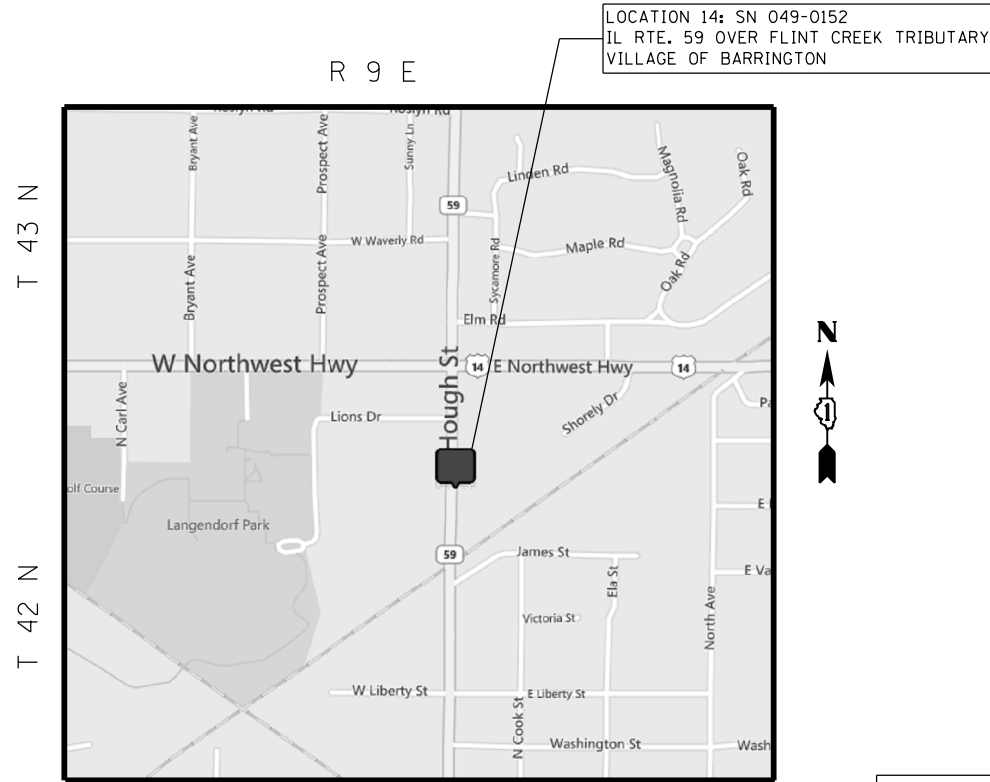


MORaine TOWNSHIP
MAP 11

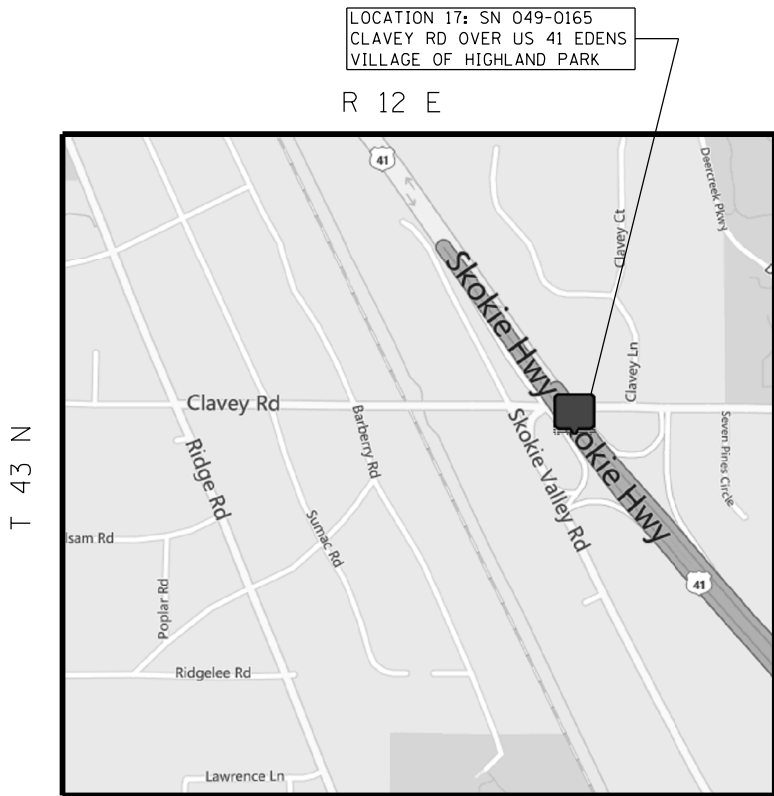
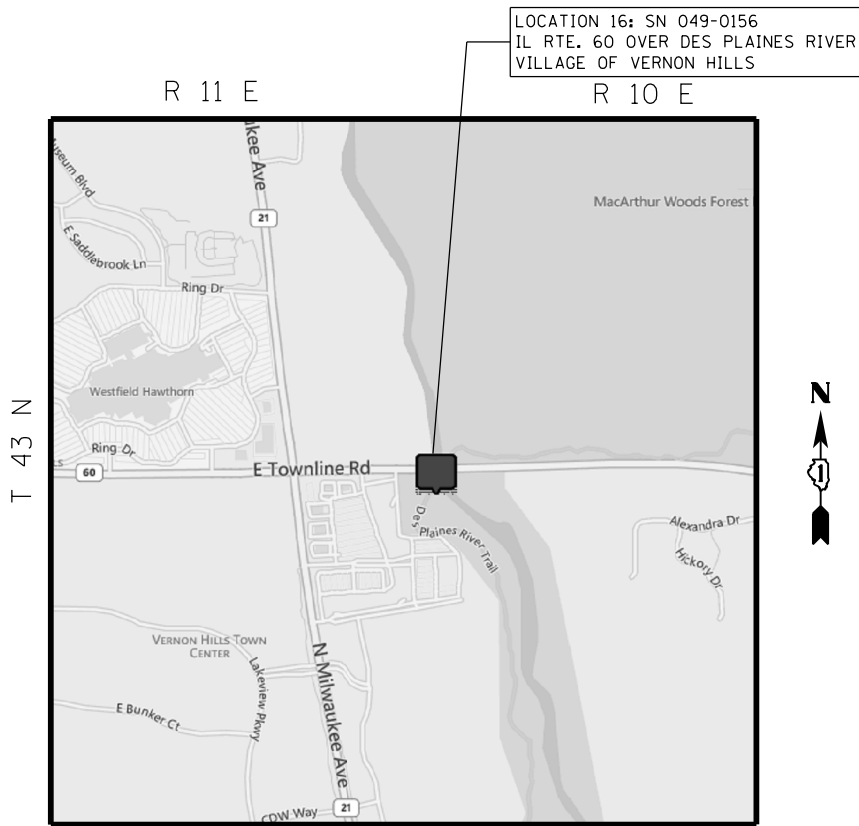


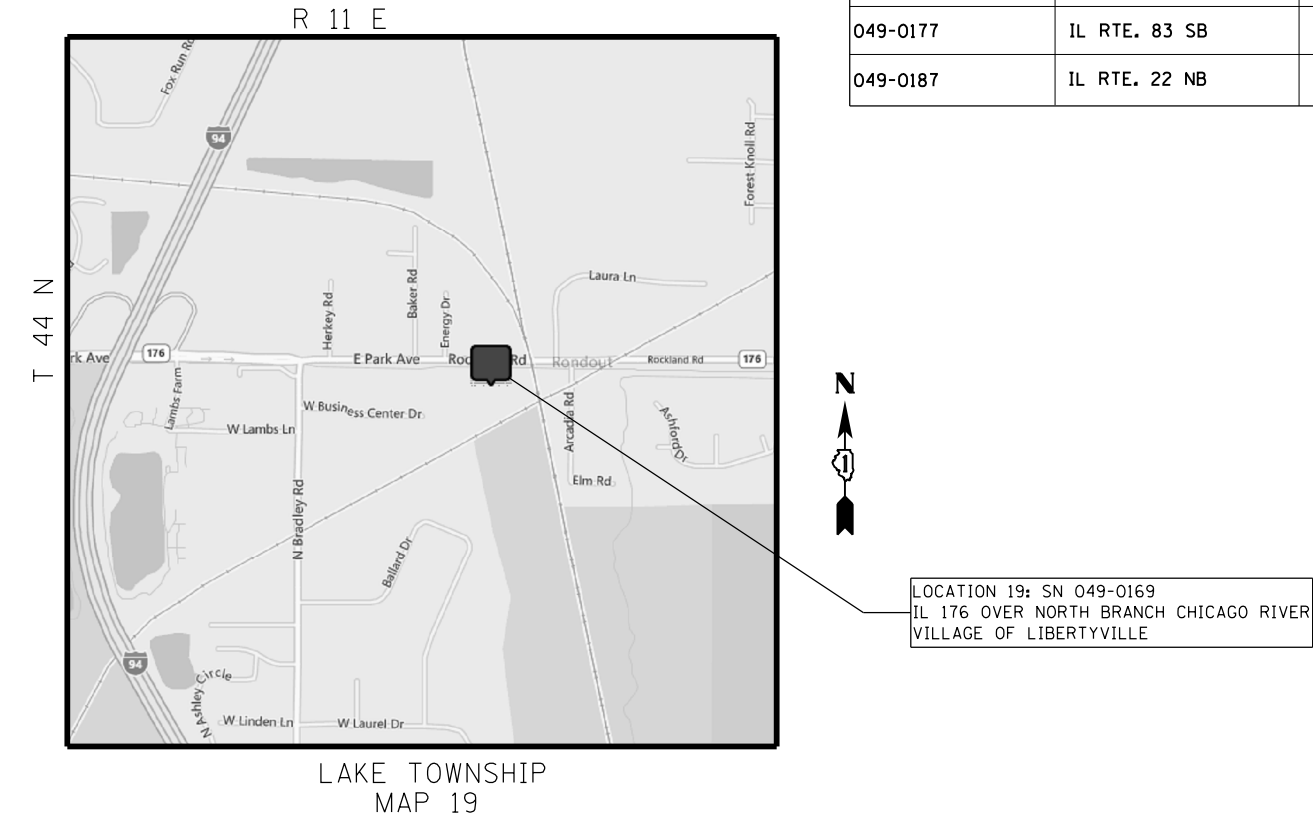
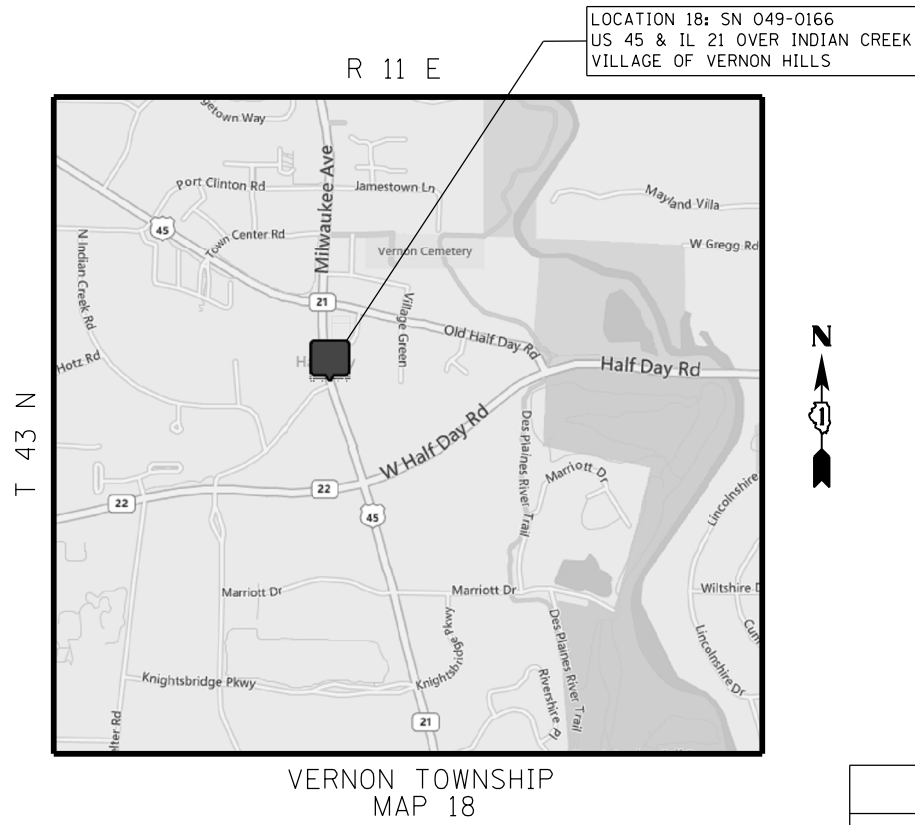
SHIELDS TOWNSHIP
MAP 13

FILE NAME = c:\pwork\pwork\abebawa\0402136\013514-Design.dgn Default	USER NAME = abebawa 14-Design.dgn PLOT SCALE = 100.0000' / in. PLOT DATE = 8/18/2014	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAPS 10 - 13			SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					2014-0401	LAKE	42	7
		CHECKED -	REVISED -		CONTRACT NO. 60Y34						
		DATE -	REVISED -		SCALE:	SHEET	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

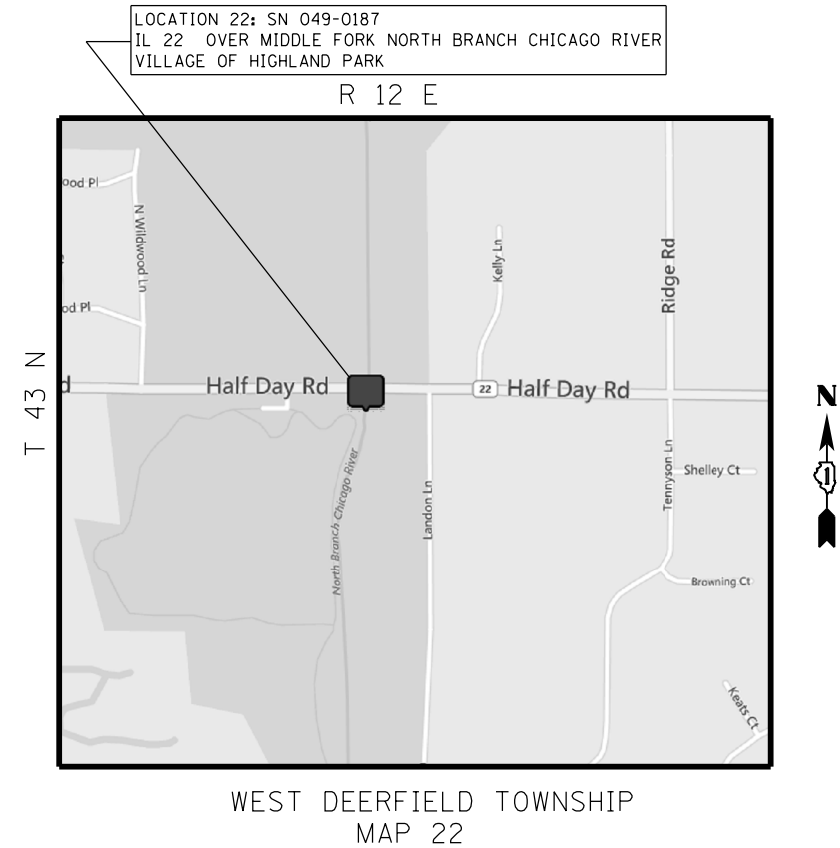
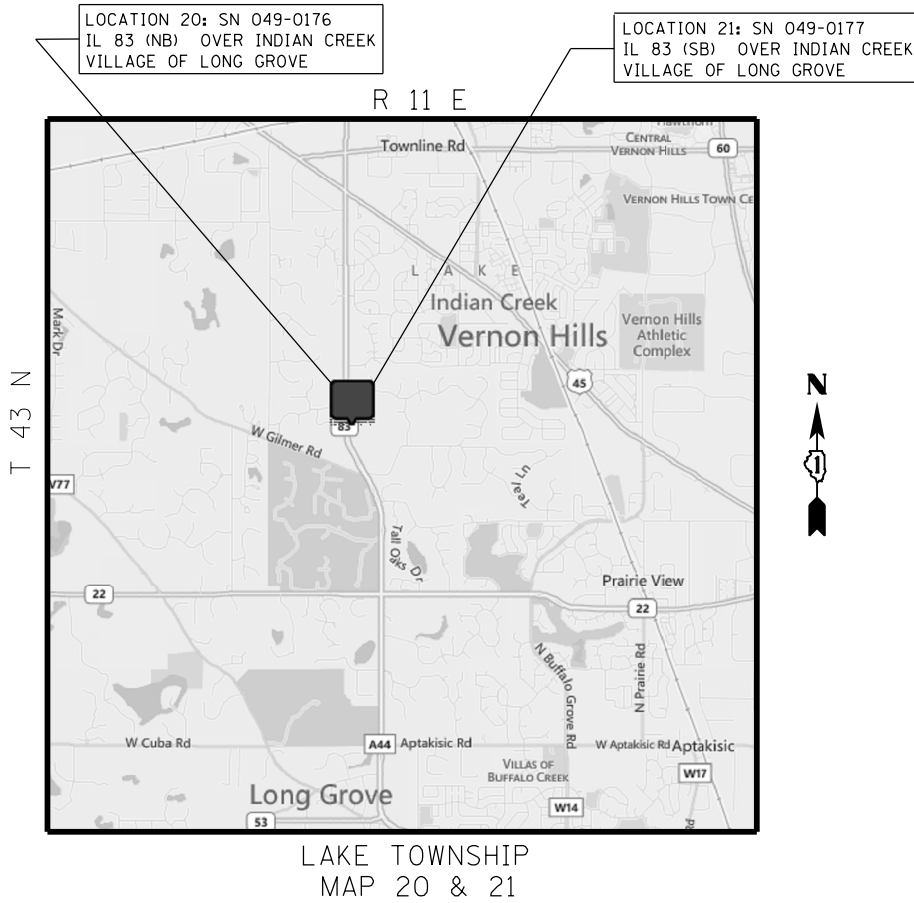


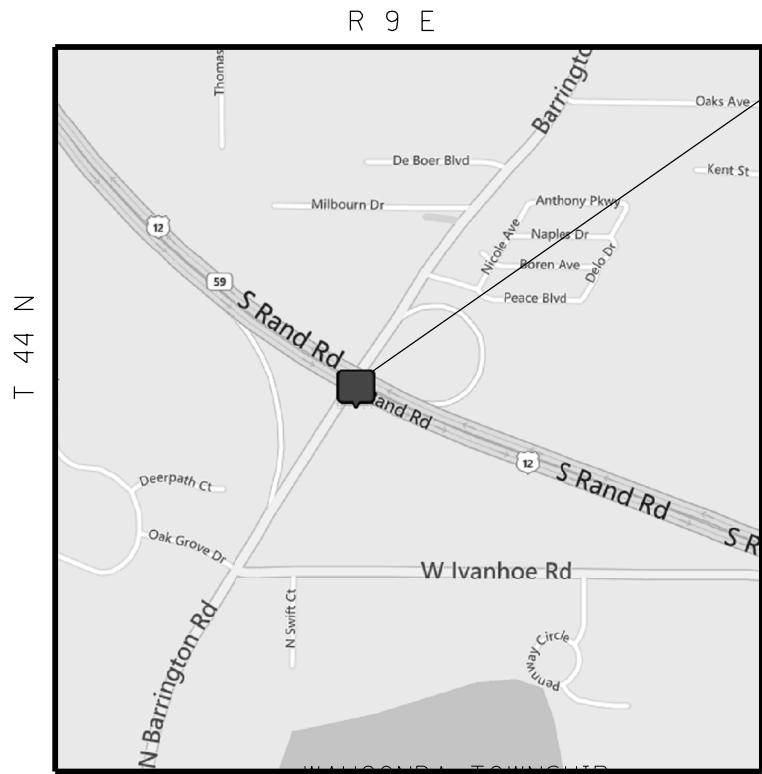
TRAFFIC DATA				
STRUCTURE NUMBER	FACILITY CARRIED	MAP #	ADT	SPEED LIMIT
049-0152	IL RTE. 59	14	2013 ADT: 19800	30 MPH
049-0153	IL RTE. 22	15	2013 ADT: 21800	40 MPH
049-0156	IL RTE. 60	16	2013 ADT: 39300	40 MPH
049-0165	CLAVEY RD	17	2011 ADT: 7050	35 MPH





TRAFFIC DATA				
STRUCTURE NUMBER	FACILITY CARRIED	MAP #	ADT	SPEED LIMIT
049-0166	US 45 & IL RTE. 21	18	2013 ADT: 31700	40 MPH
049-0169	IL RTE. 176	19	2013 ADT: 16000	40 MPH
049-0176	IL RTE. 83 NB	20	2013 ADT: 15400	45 MPH
049-0177	IL RTE. 83 SB	21	2011 ADT: 15400	45 MPH
049-0187	IL RTE. 22 NB	22	2011 ADT: 16800	40 MPH

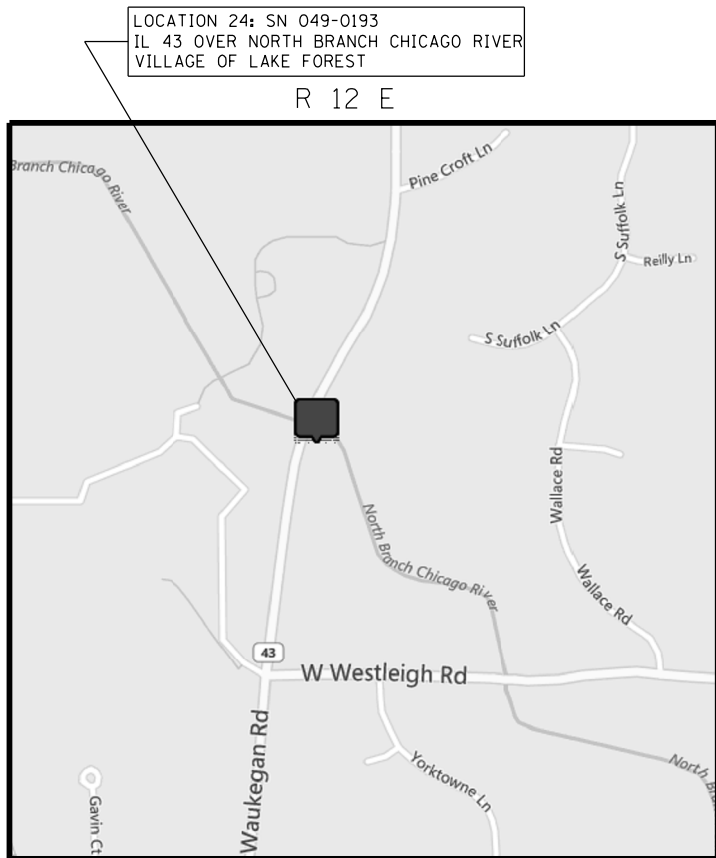




LOCATION 23: SN 049-0191
IL 59 OVER U.S. RTE. 12



WAUCONDA TOWNSHIP
MAP 23



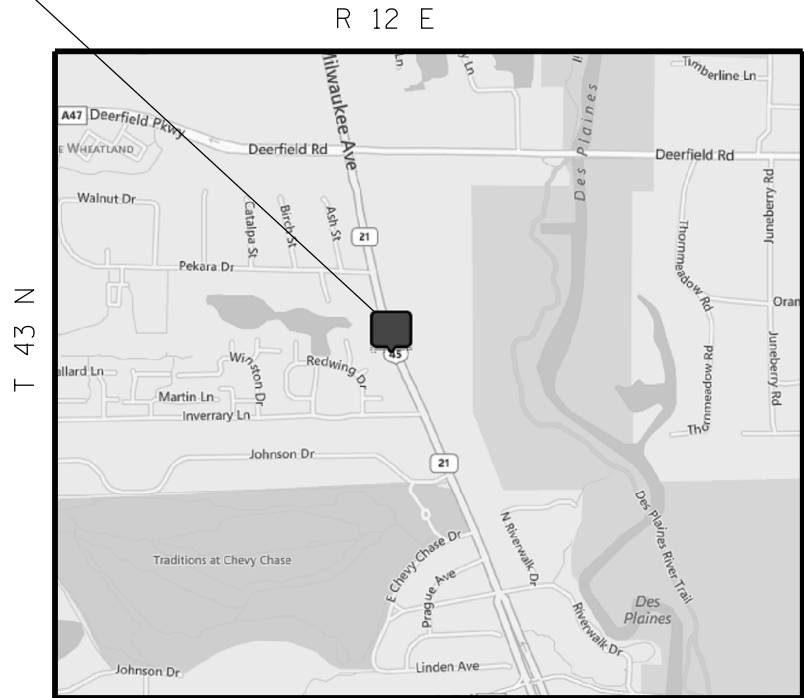
LOCATION 24: SN 049-0193
IL 43 OVER NORTH BRANCH CHICAGO RIVER
VILLAGE OF LAKE FOREST



WEST DEERFIELD TOWNSHIP
MAP 24

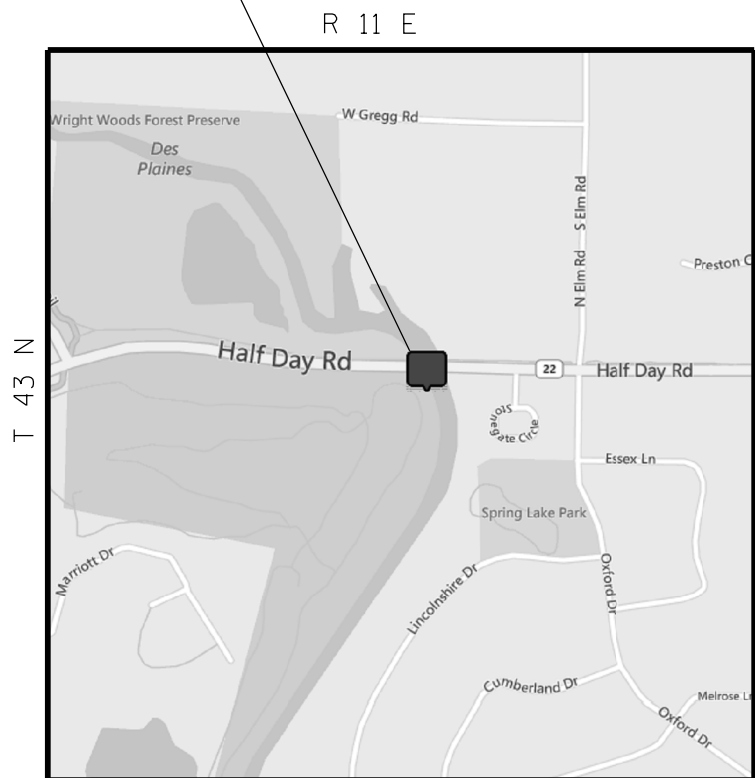
TRAFFIC DATA				
STRUCTURE NUMBER	FACILITY CARRIED	MAP #	ADT	SPEED LIMIT
049-0191	IL RTE. 59	23	2013 ADT: 15500	45 MPH
049-0193	IL RTE. 43	24	2013 ADT: 12000	45 MPH
049-0194	US 45 & IL RTE. 83	25	2013 ADT: 37200	40 MPH
049-0200	IL RTE. 22	26	2011 ADT: 21800	40 MPH

LOCATION 25: SN 049-0194
US 45/IL 21 OVER APTAKISIC CREEK
VILLAGE OF BUFFALO GROVE



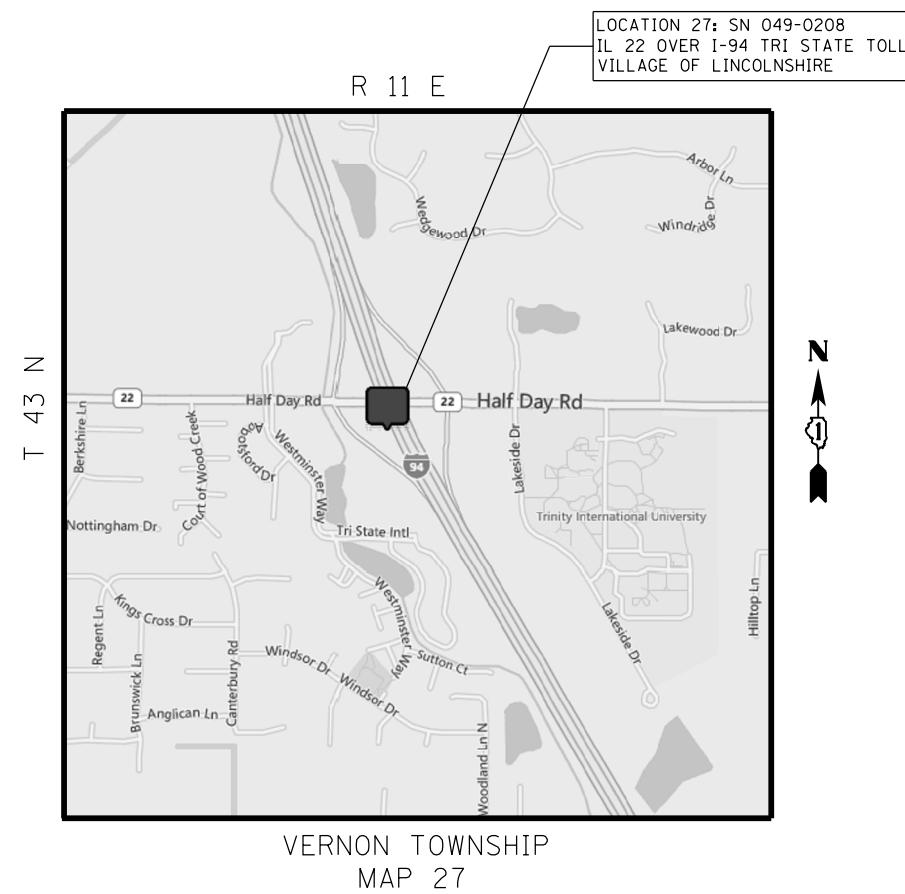
VERNON TOWNSHIP
MAP 25

LOCATION 26: SN 049-0200
IL 22 OVER DES PLAINES RIVER
VILLAGE OF LINCOLNSHIRE

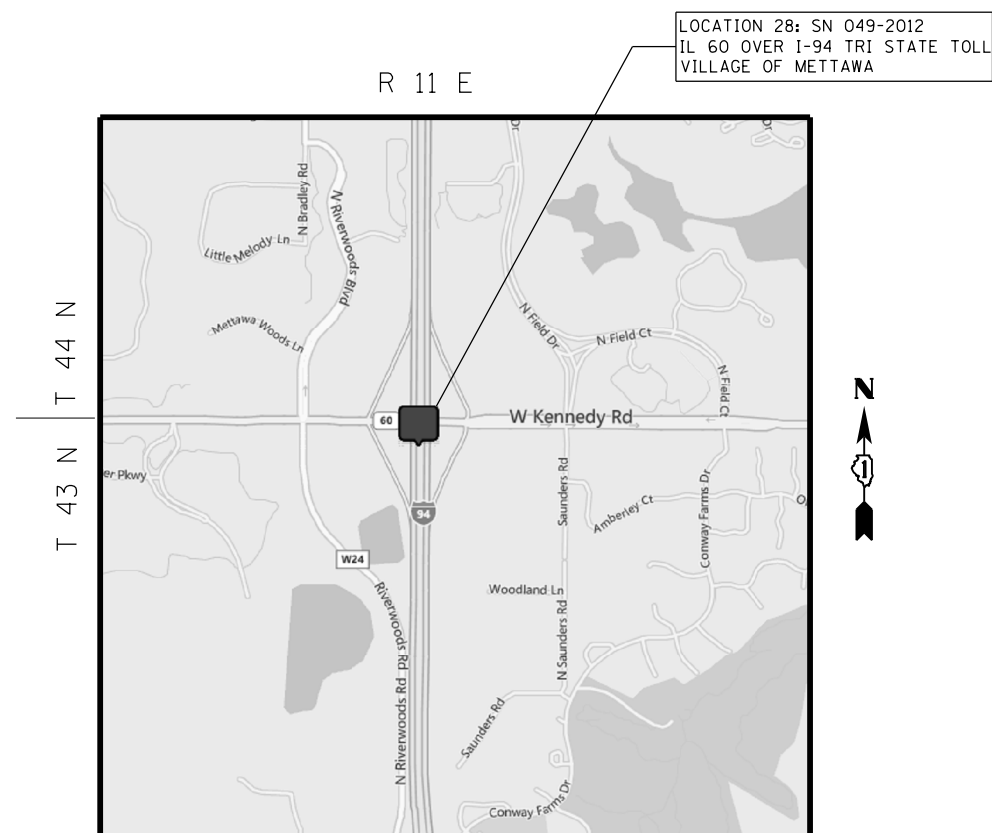


VERNON TOWNSHIP
MAP 26

FILE NAME = c:\p\work\p\dot\abebawa\0402136\013514-Design.dgn Default	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAPS 23 - 26			SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					2014-0401	LAKE	42	10
		PLOT SCALE = 100.0000' / in.	CHECKED -		SCALE:	SHEET	OF SHEETS	STA.	TO STA.	CONTRACT NO. 60Y34	
		PLOT DATE = 8/18/2014	DATE -							ILLINOIS FED. AID PROJECT	



VERNON TOWNSHIP
MAP 27



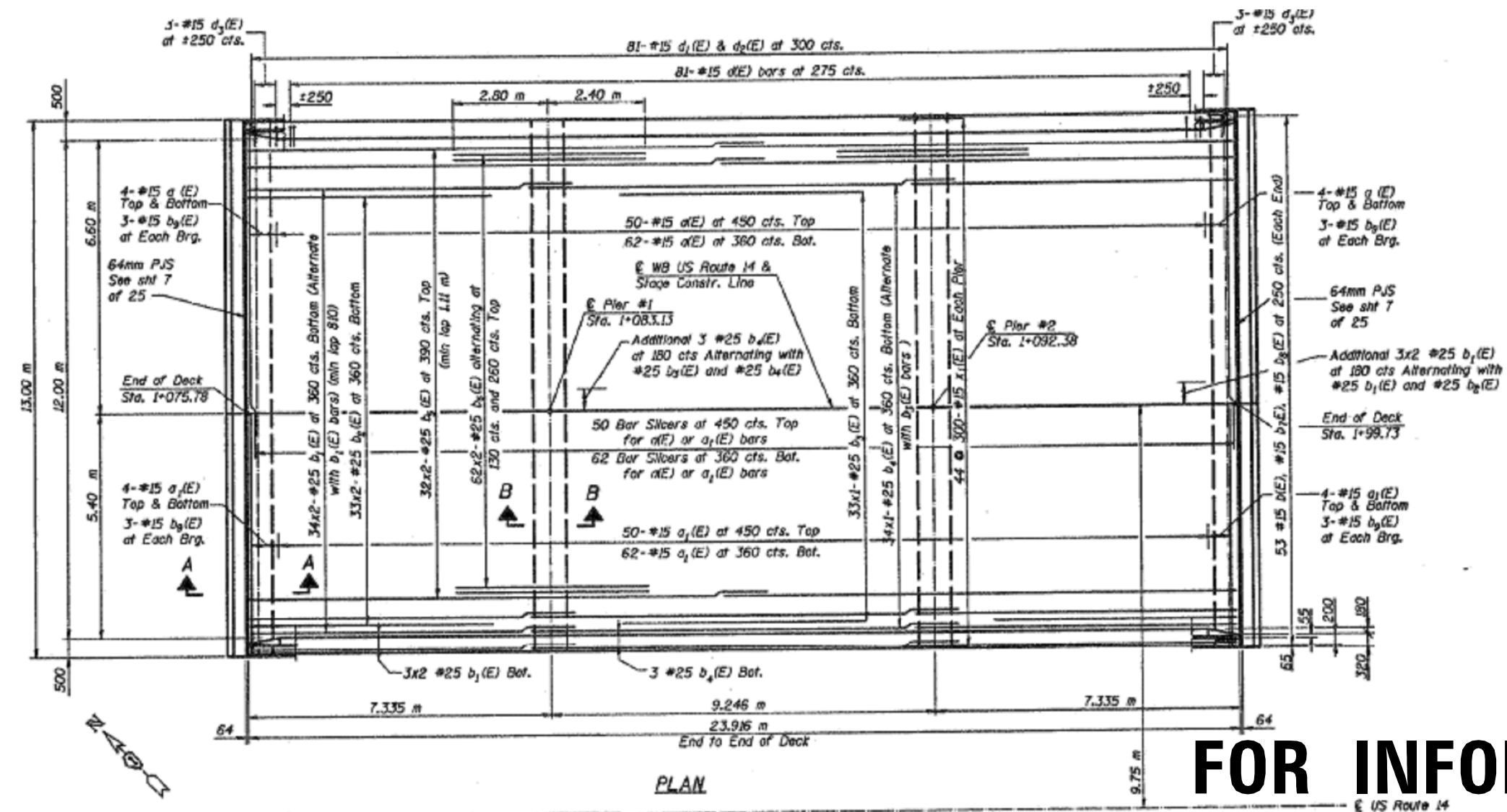
VERNON TOWNSHIP
MAP 28

TRAFFIC DATA				
STRUCTURE NUMBER	FACILITY CARRIED	MAP #	ADT	SPEED LIMIT
049-0208	IL RTE. 22	27	2013 ADT: 32200	40 MPH
049-2012	IL RTE. 60	28	2013 ADT: 18200	45 MPH

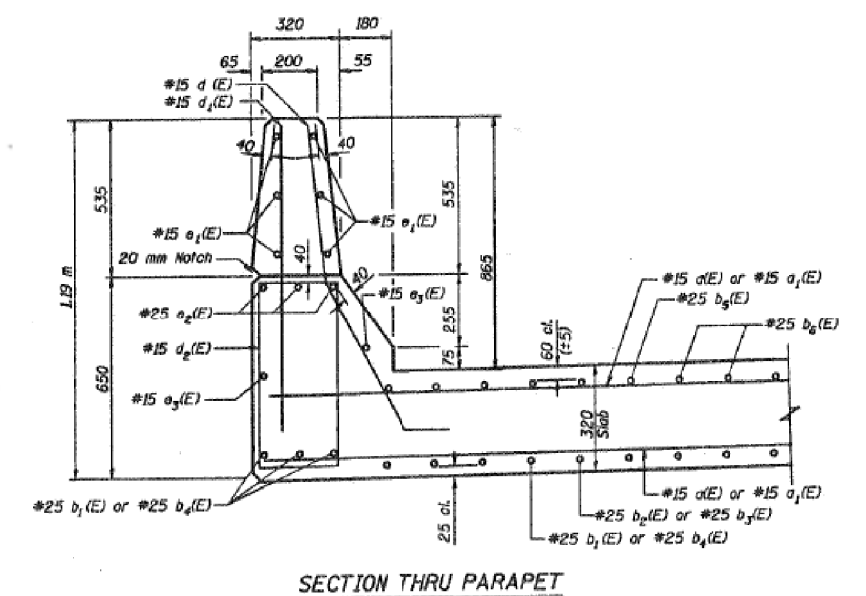
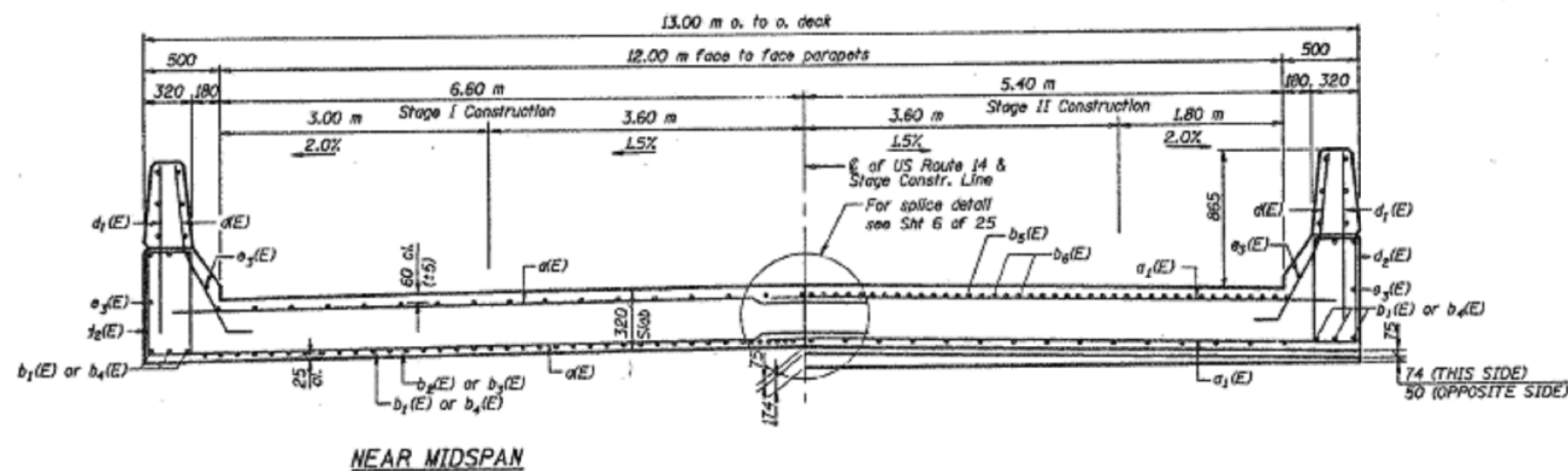
FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAPS 27 – 28					SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
cs:\pw\work\pwwdot\abebawa\d0402136\10135114-Design.dgn		DRAWN -	REVISED -							2014-0401	LAKE	42	11				
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -														
Default	PLOT DATE = 8/18/2014	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		CONTRACT NO. 60Y34			
															ILLINOIS	FED. AID PROJECT	

	SN 049-0001	SN 049-0002	SN 049-0011	SN 049-0012	SN 049-0037	SN 049-0039	SN 049-0068	SN 049-0079	SN 049-0081	SN 049-0082	SN 049-0083	SN 049-0088	SN 049-0131	SN 049-0152	SN 049-0153	SN 049-0156	SN 049-0165
LOCATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
TEMPORARY INFORMATION SIGNING (SQ FT)	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
BRIDGE DECK CONCRETE SEALER (SQ FT)	3,847	3,847	5,185	6,052	2,606	1,575	8,795	2,006	16,544	12,150	6,774	6,467	5,139	1,960	13,301	14,500	13,689
TRAFFIC CONTROL AND PROTECTION, STANDARD 701501				.15		.15		.14	.14	.14	.14						
TRAFFIC CONTROL AND PROTECTION, STANDARD 701502			.34				.33						.33				
TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	.08	.08										.08			.08		
TRAFFIC CONTROL AND PROTECTION, STANDARD 701606					.2									.2		.2	
TRAFFIC CONTROL AND PROTECTION, STANDARD 701701														.2			.2
TRAFFIC CONTROL AND PROTECTION, STANDARD 701801							.07		.07	.07	.07			.08	.08	.07	.07

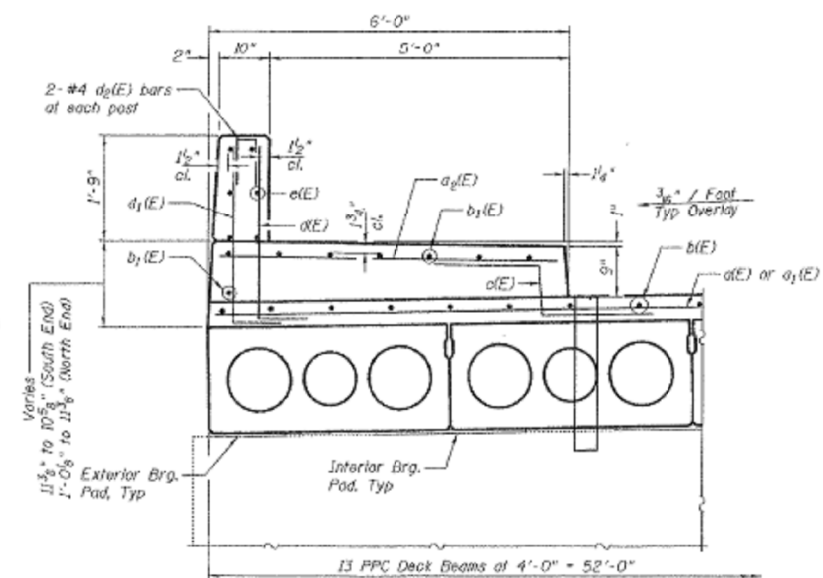
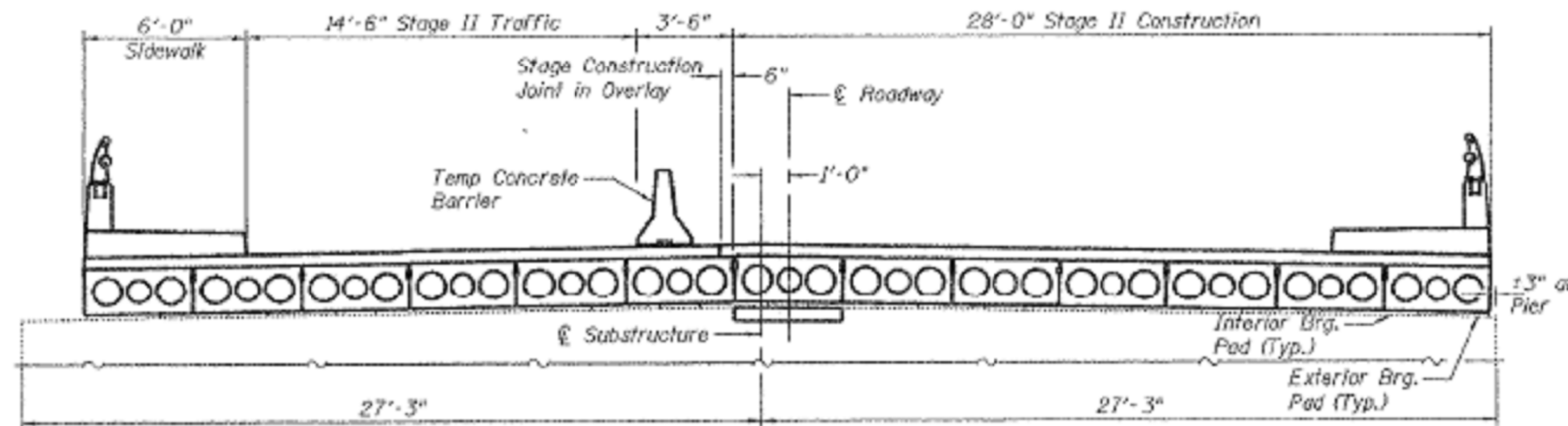
	SN 049-0166	SN 049-0169	SN 049-0176	SN 049-0177	SN 049-0187	SN 049-0191	SN 049-0193	SN 049-0194	SN 049-0200	SN 049-0208	SN 049-2012	TOTAL
LOCATION	18	19	20	21	22	23	24	25	26	27	28	
TEMPORARY INFORMATION SIGNING (SQ FT)	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	1439.2
BRIDGE DECK CONCRETE SEALER (SQ FT)	7,313	1,347	3,426	3,426	9,288	8,105	5,757	6,758	14,096	34,197	37,224	255374
TRAFFIC CONTROL AND PROTECTION, STANDARD 701501						.14						1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701502												1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	.08	.08	.08	.08	.09			.09	.09	.09	.09	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701606							.2	.2				1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	.2								.2	.2		1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701801					.07		.07	.07	.07	.07	.07	1



FOR INFORMATION ONLY

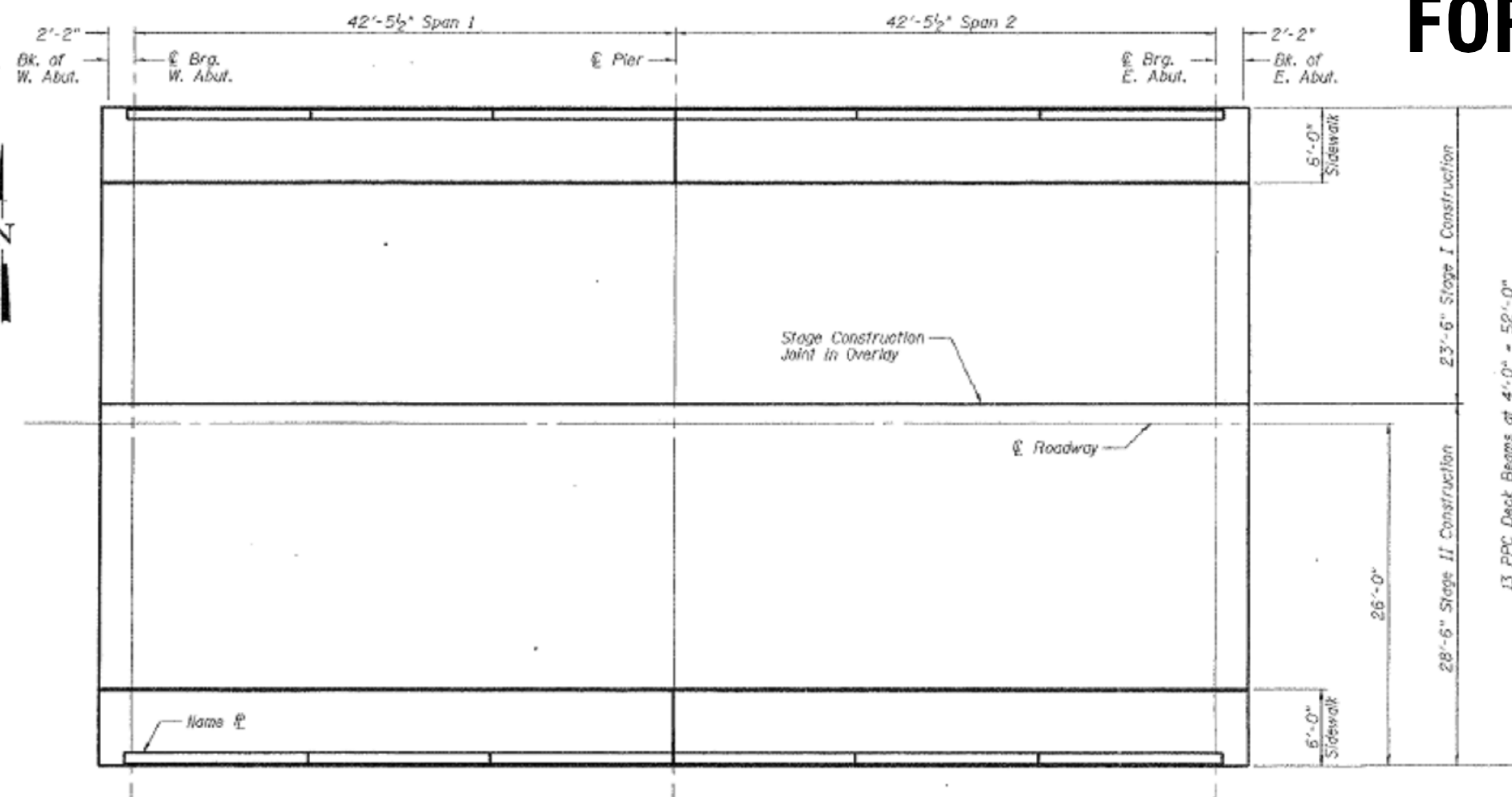


FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #2 :SN 049-0002 US 14 WB OVER FLINT CREEK					SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pw\work\pwidot\abebawa\d0402136\013514-Design.dgn		DRAWN -	REVISED -			2014-0401			LAKE	42	13			
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -							CONTRACT NO. 60Y34				
Default	PLOT DATE = 8/18/2014	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			
						ILLINOIS FED. AID PROJECT								



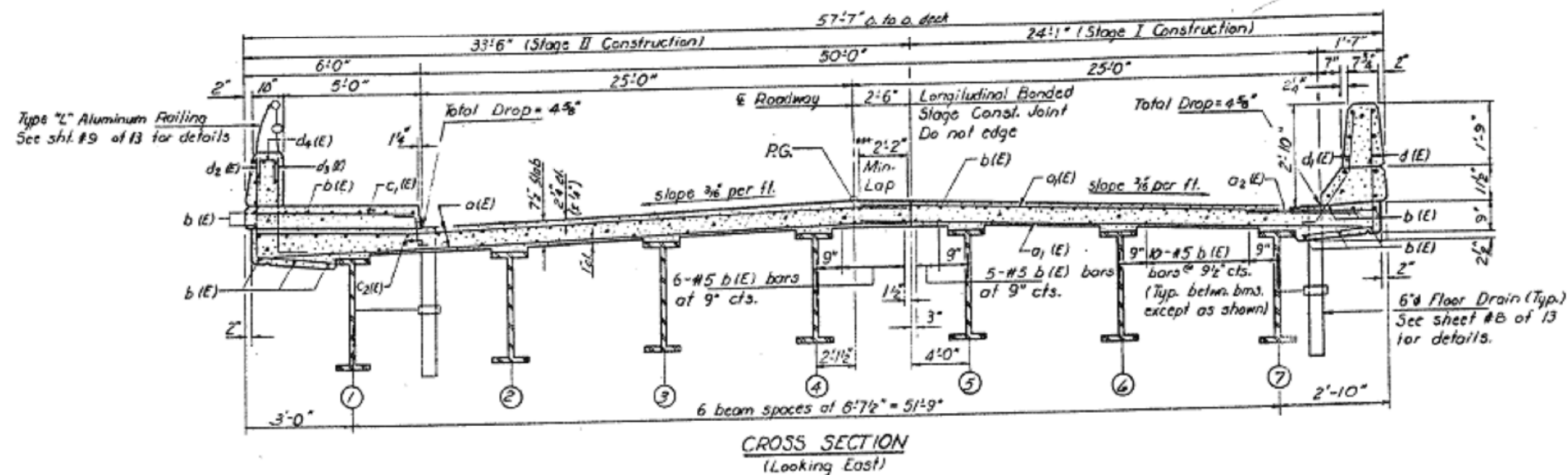
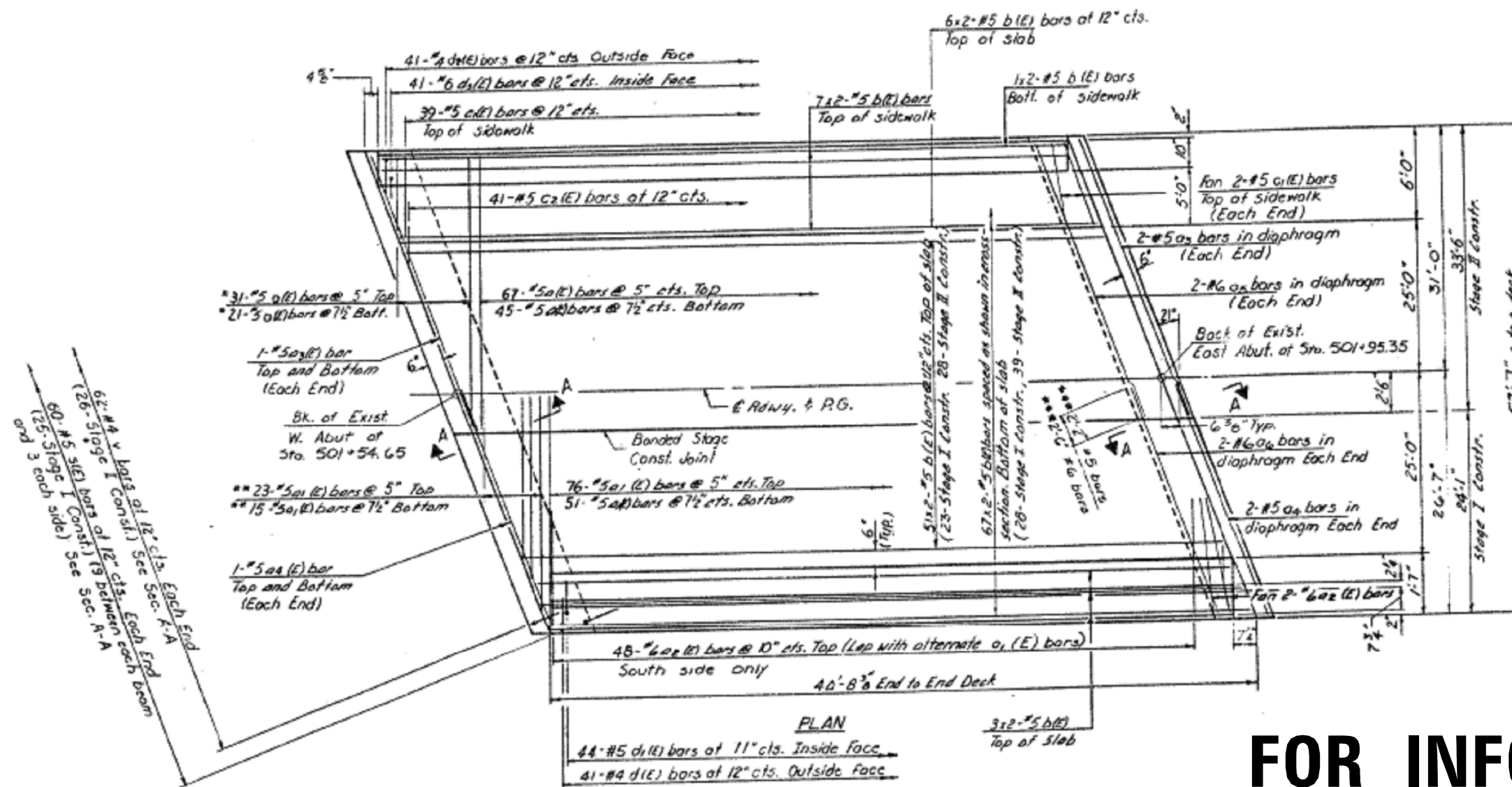
TYPICAL CROSS SECTION
SHOWING SIDEWALK

FOR INFORMATION ONLY



PLAN

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #3 :SN 049-0011 HALF DAY RD. OVER E. BR SKOKIE DITCH		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	Default	DRAWN -	REVISED -		SCALE:		2014-0401	LAKE	42	14
		CHECKED -	REVISED -		SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 60Y34			
		DATE -	REVISED -				ILLINOIS FED. AID PROJECT			



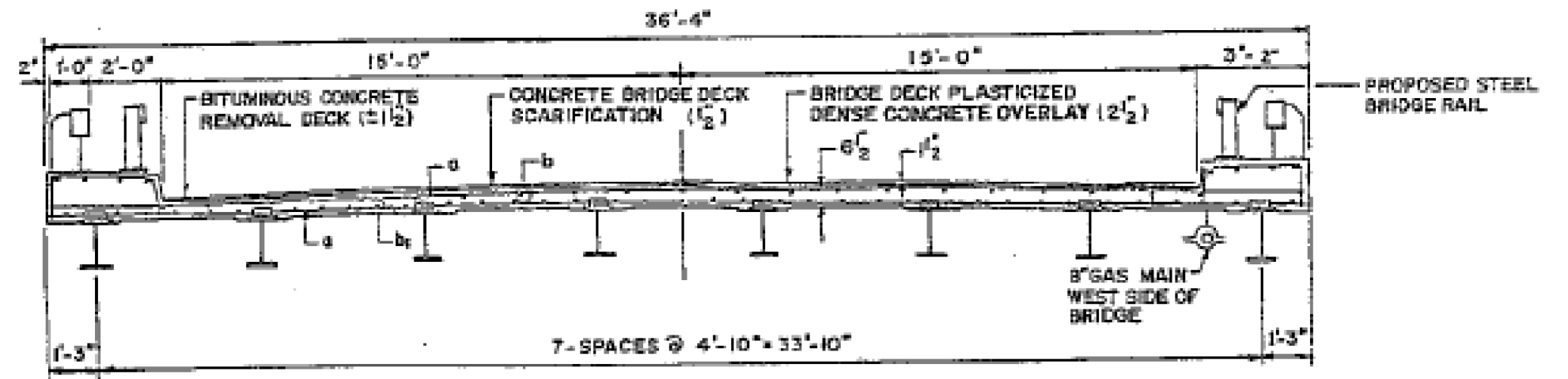
FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -
c:\pw_work\pwidot\abebawa\d0402136\0135	14-Design.dgn	DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 8/18/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #5 :SN 049-0037
IL 60 (KENNEDY RD.) AT MIDDLE FORK NB CHICAGO RIVER

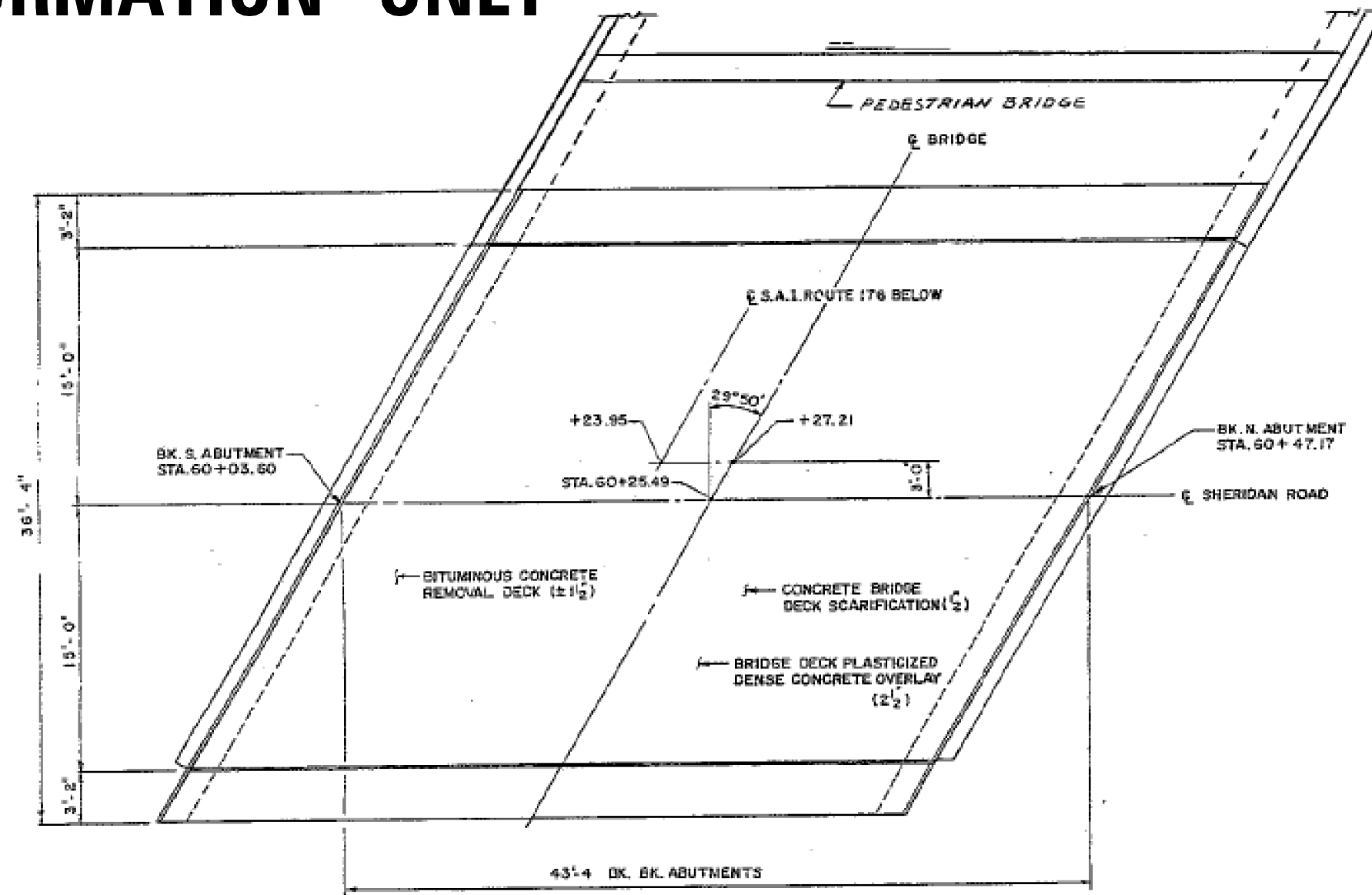
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
--------	-------	----	--------	------	---------

	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2014-0401	LAKE	42	16
	CONTRACT NO. 60Y34			
	ILLINOIS FED. AID PROJECT			



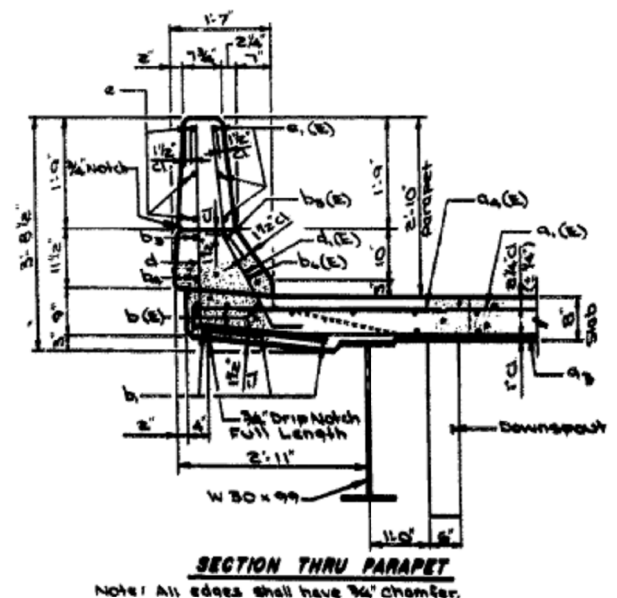
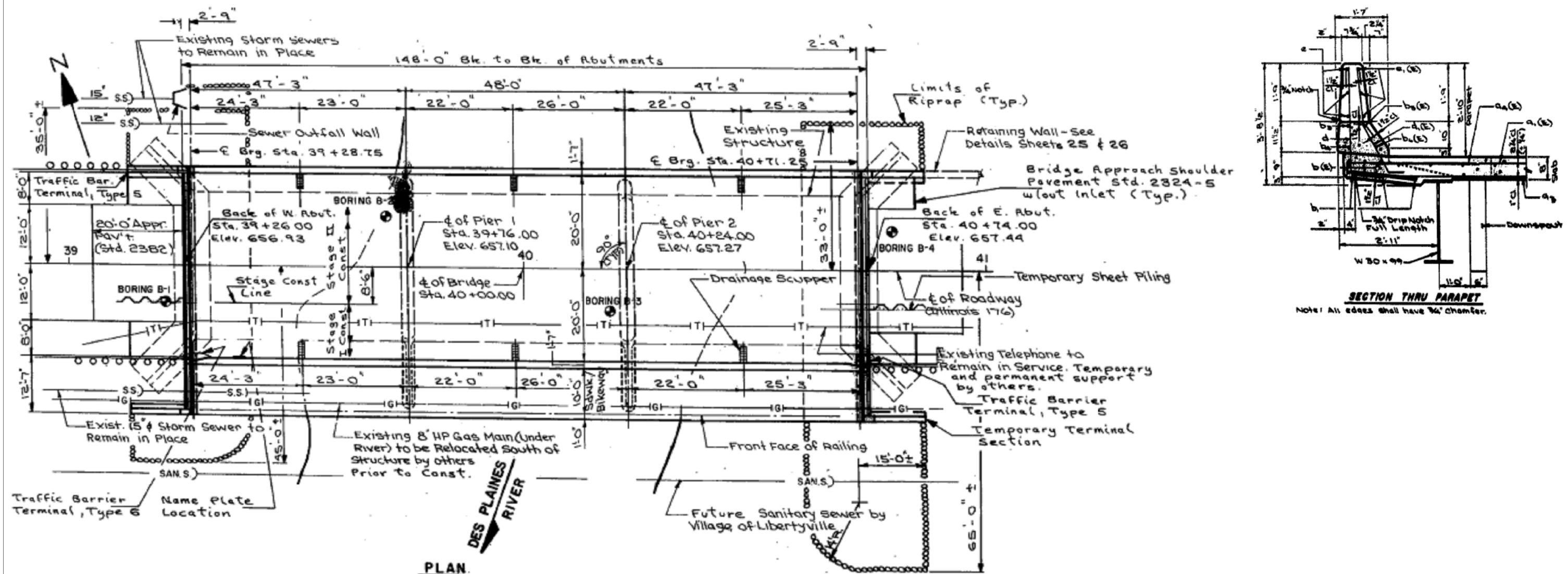
CROSS SECTION

FOR INFORMATION ONLY

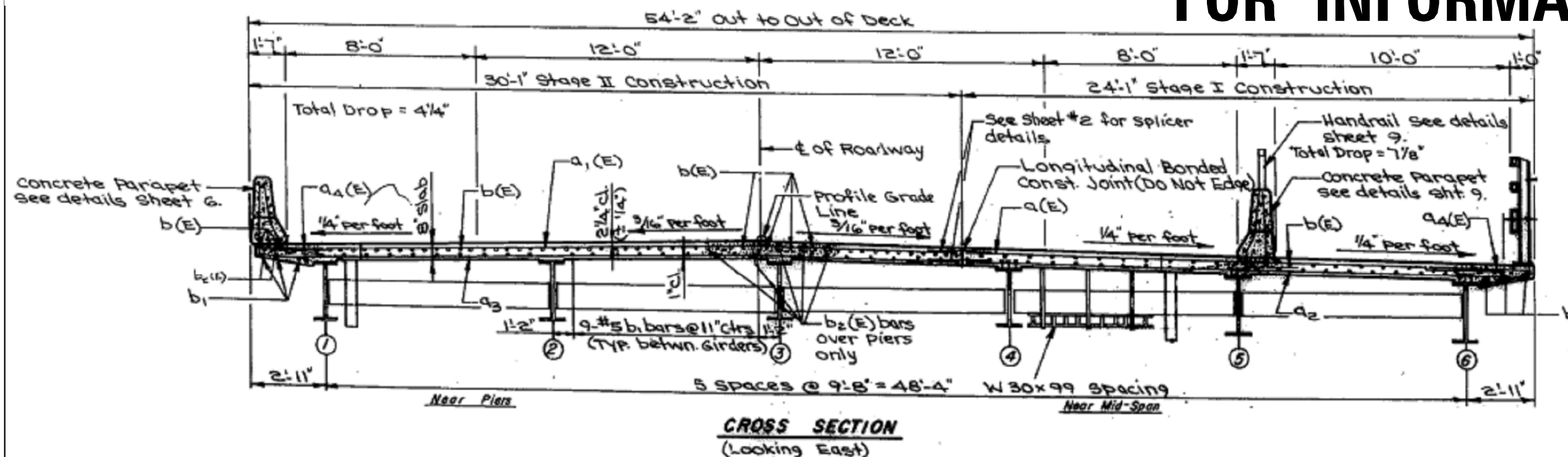


PLAN

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #6 :SN 049-0039 SHERIDAN RD. AT IL 176/SCRANTON RD.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\abebawa\d0402136\013514-Design.dgn		DRAWN -	REVISED -				2014-0401	LAKE	42	17
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -				CONTRACT NO. 60Y34			
PLOT DATE = 8/18/2014		DATE -	REVISED -				ILLINOIS FED. AID PROJECT			

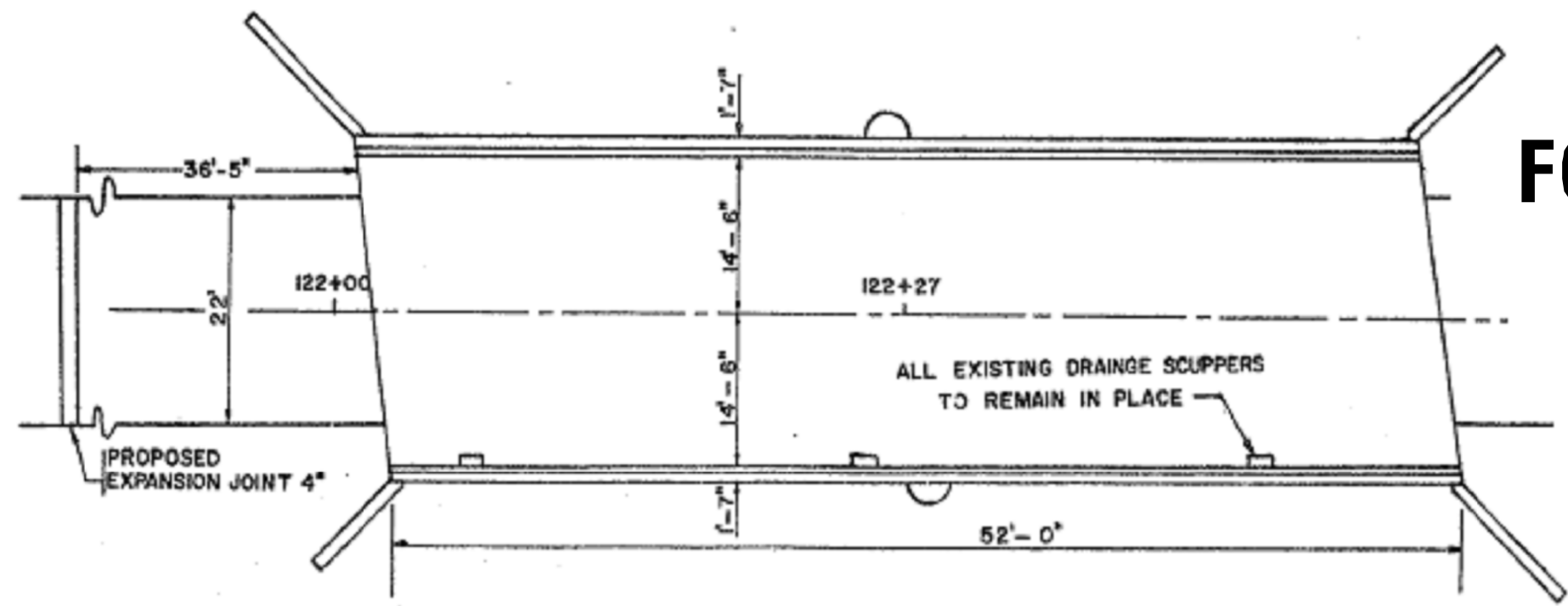


FOR INFORMATION ONLY

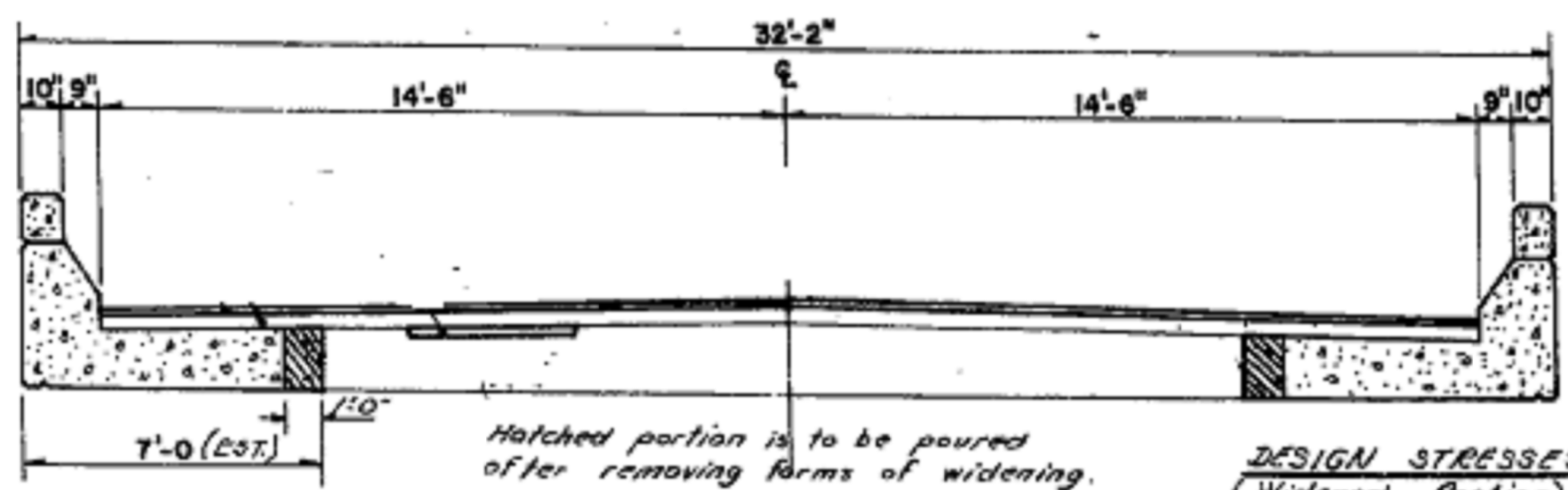


FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #7 :SN 049-0068 IL 176 OVER DES PLAINES RIVER	SCALE:	SHEET OF SHEETS	STA. TO STA.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr:\pwork\pwork\abebawa\0402136\013514-Design.dgn		DRAWN -	REVISED -						2014-0401	LAKE	42	18
PLOT SCALE = 100.0000' / 1"		CHECKED -	REVISED -						CONTRACT NO. 60Y34			
Default		DATE -	REVISED -						ILLINOIS FED. AID PROJECT			

FOR INFORMATION ONLY

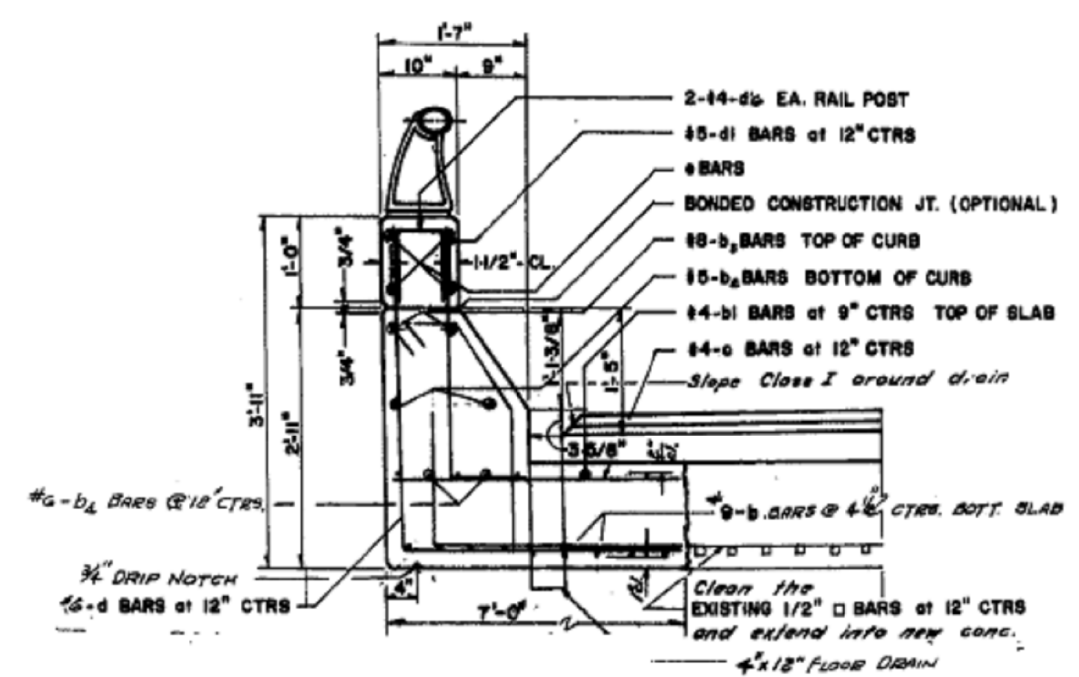


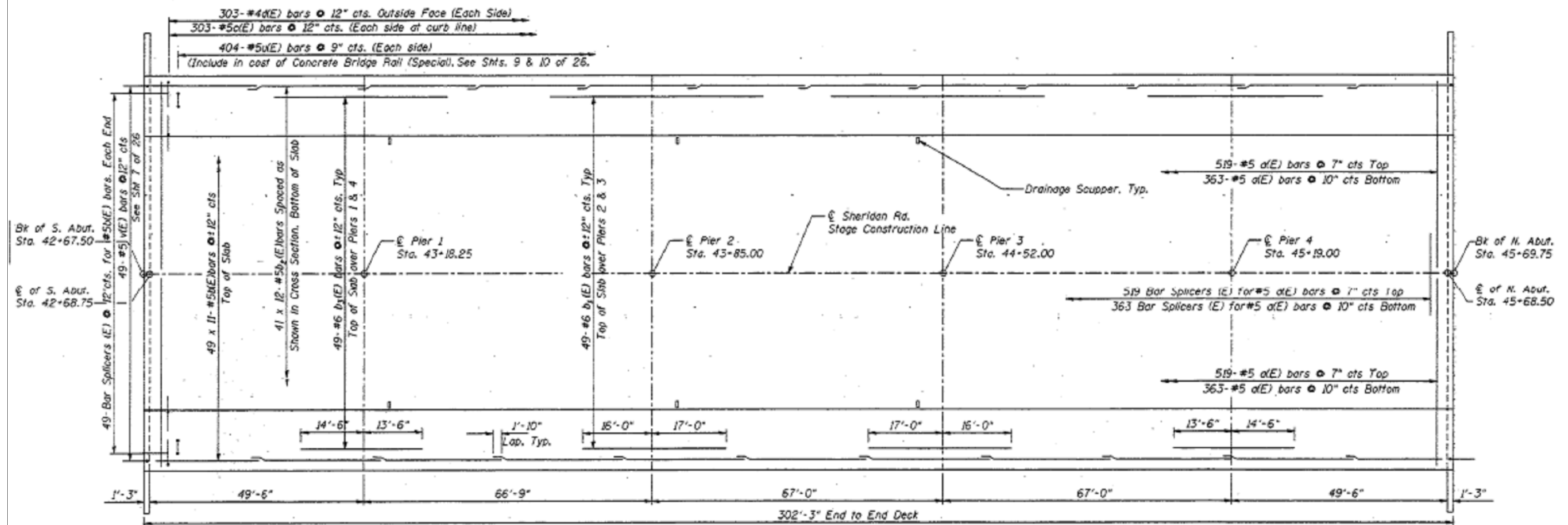
PLAN VIEW



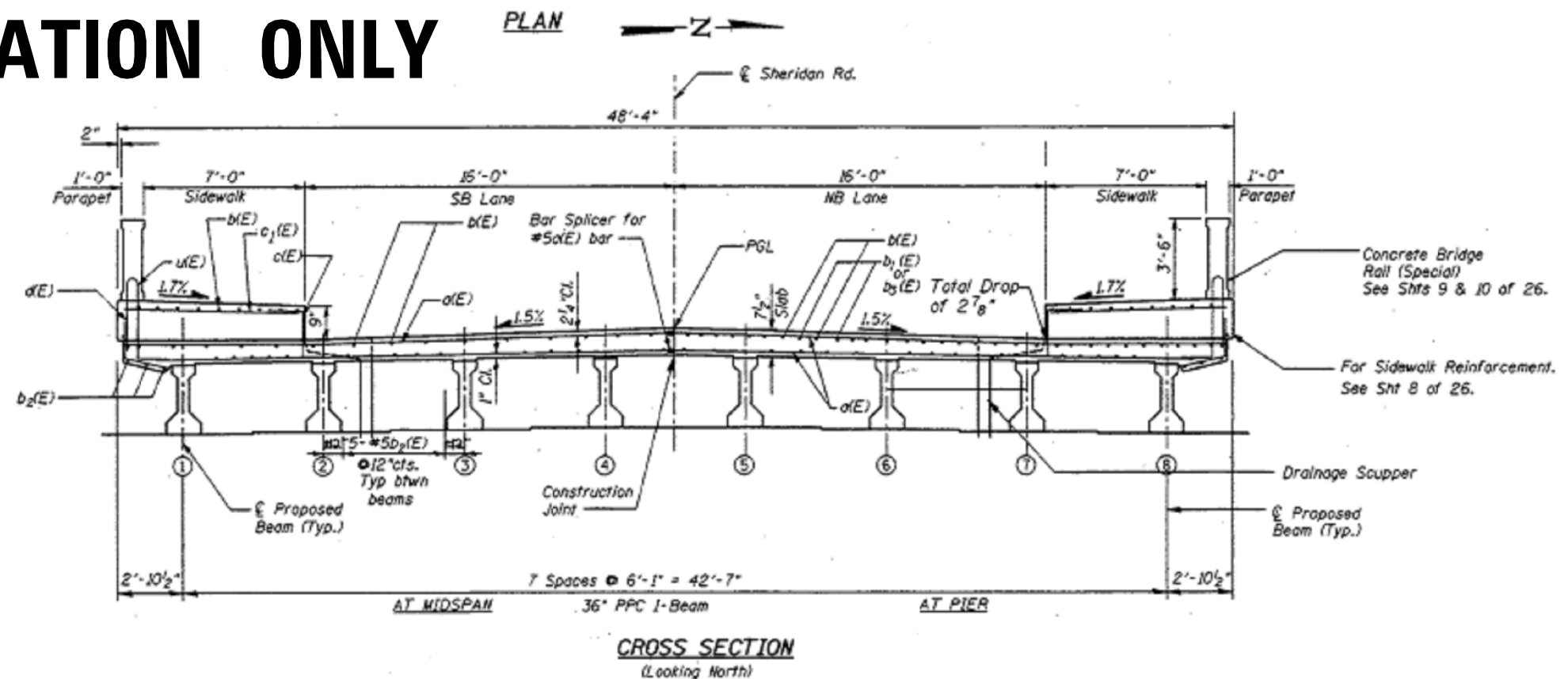
TYPICAL SECTION OF SLAB

DESIGN STRESSES
(Widened Portion)
 $f_c = 1400 \text{ psi}$
 $f_s = 20,000 \text{ psi}$
 $n = 10$

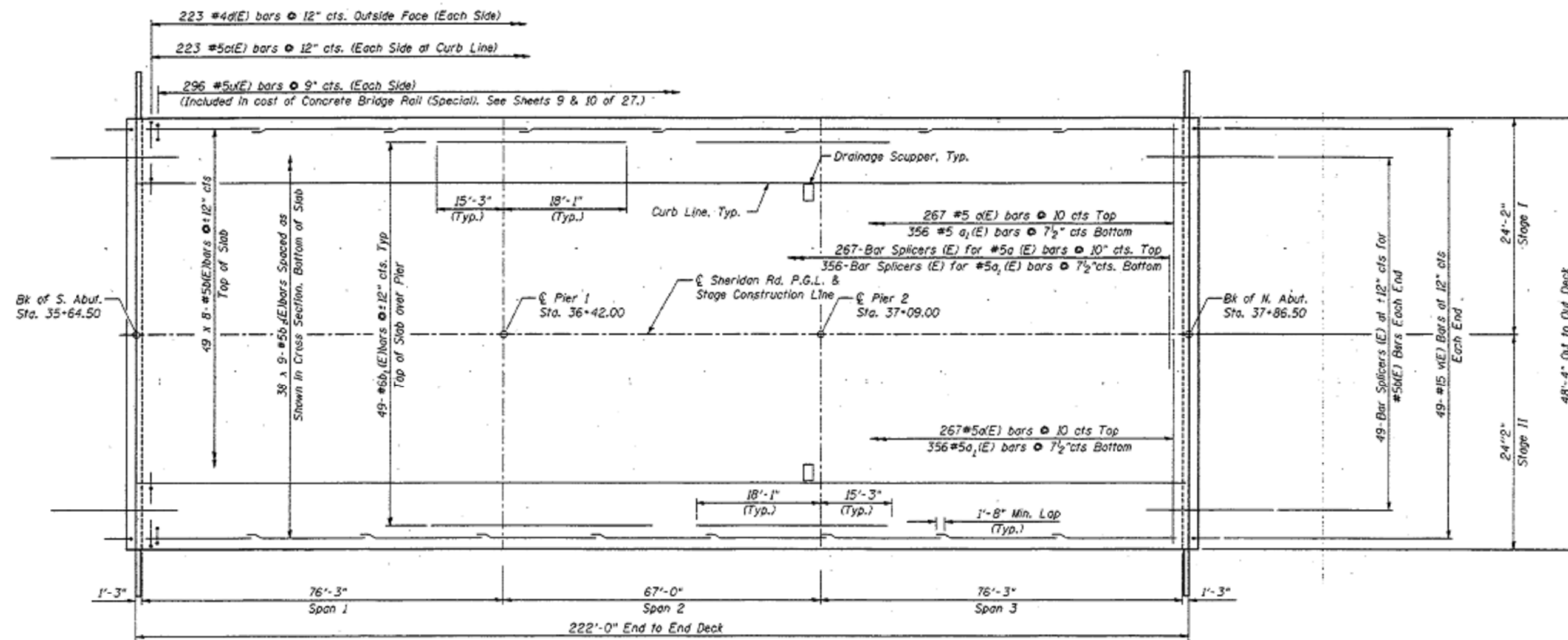




FOR INFORMATION ONLY

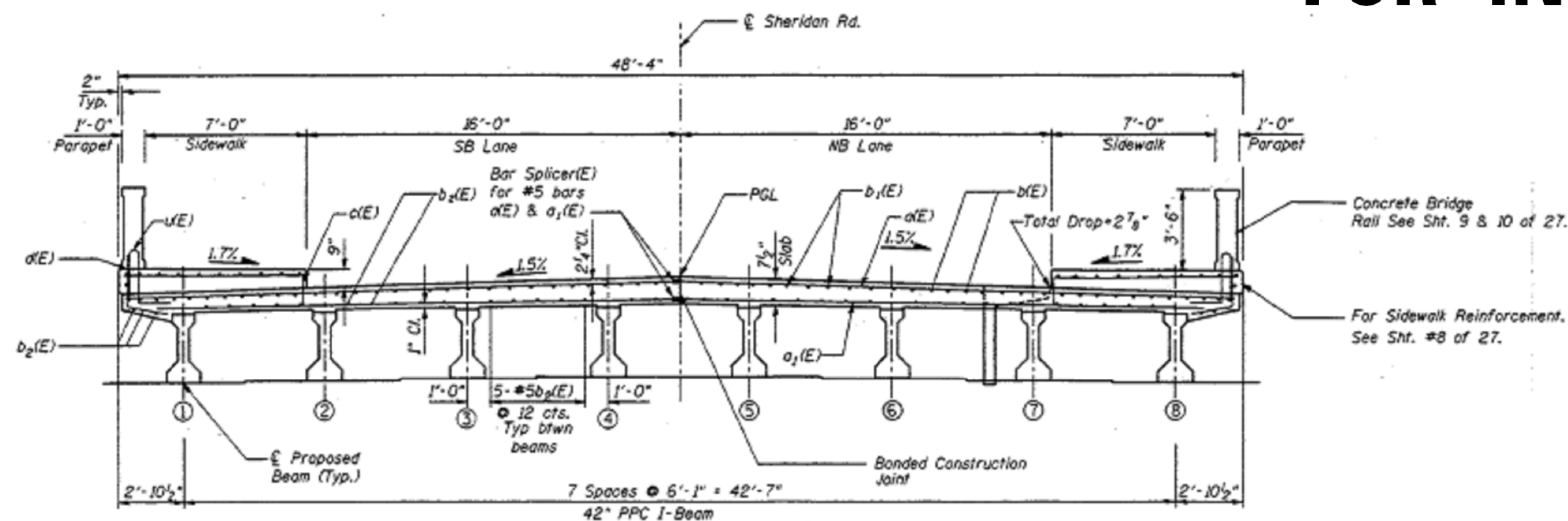


FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #9 :SN 049-0081 SHERIDAN RD. OVER BOYINGTON RAVINE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
cr:\pw\work\p\dot\abebawa\0402136\013514-Design.dgn		DRAWN -	REVISED -										
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -										
Default	PLOT DATE = 8/18/2014	DATE -	REVISED -										
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 60Y34		
										ILLINOIS FED. AID PROJECT			



PLAN

FOR INFORMATION ONLY

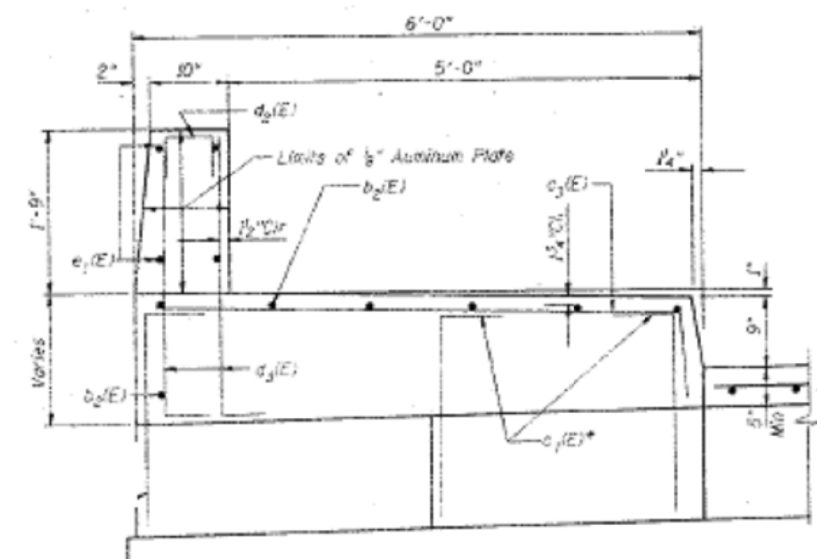
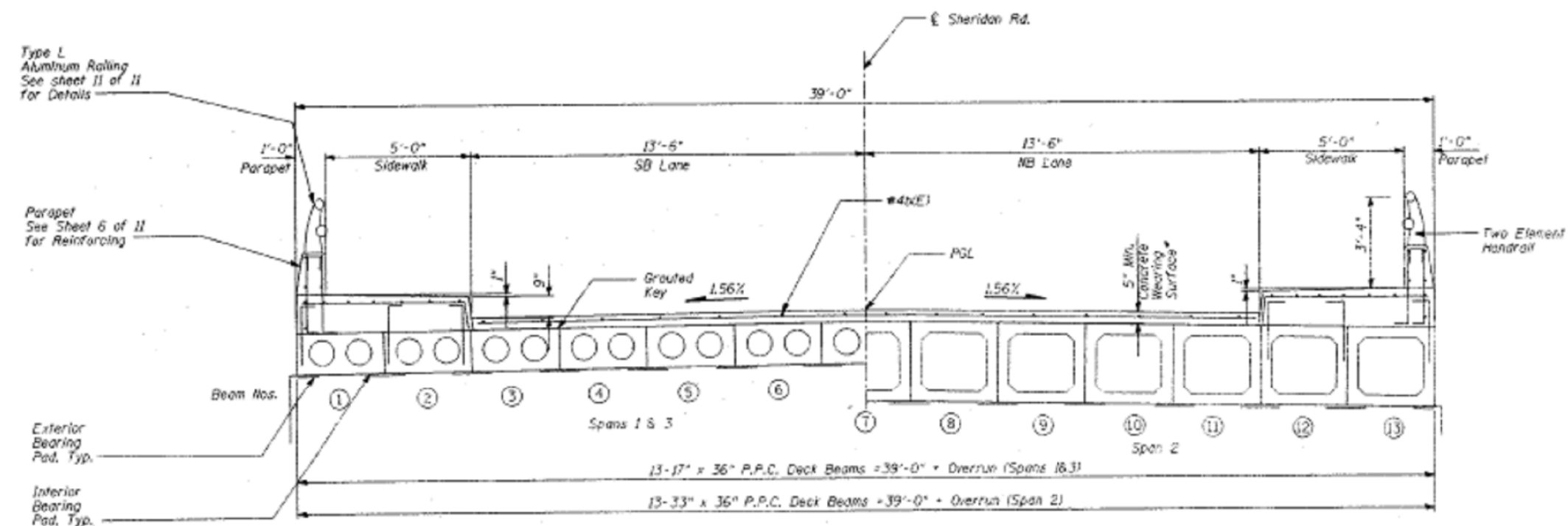
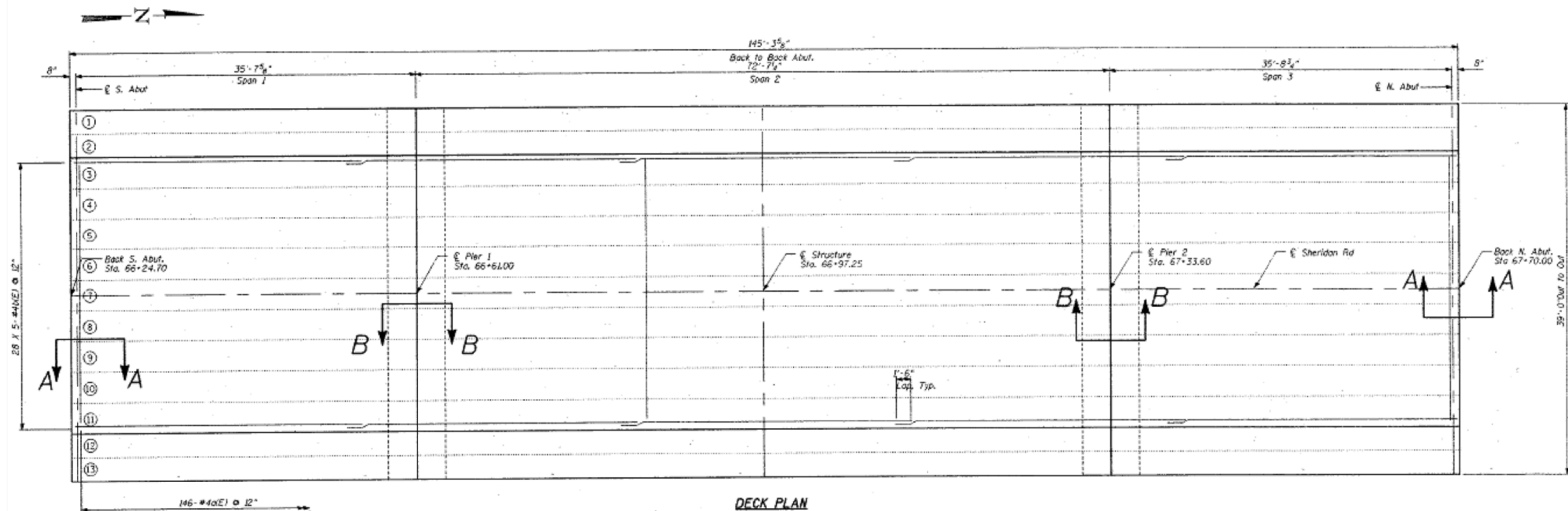


AT MIDSPAN

AT PIER

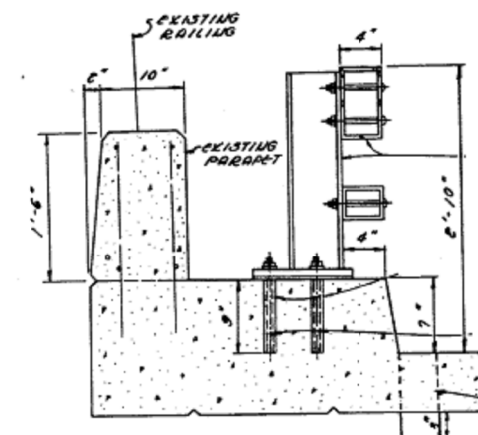
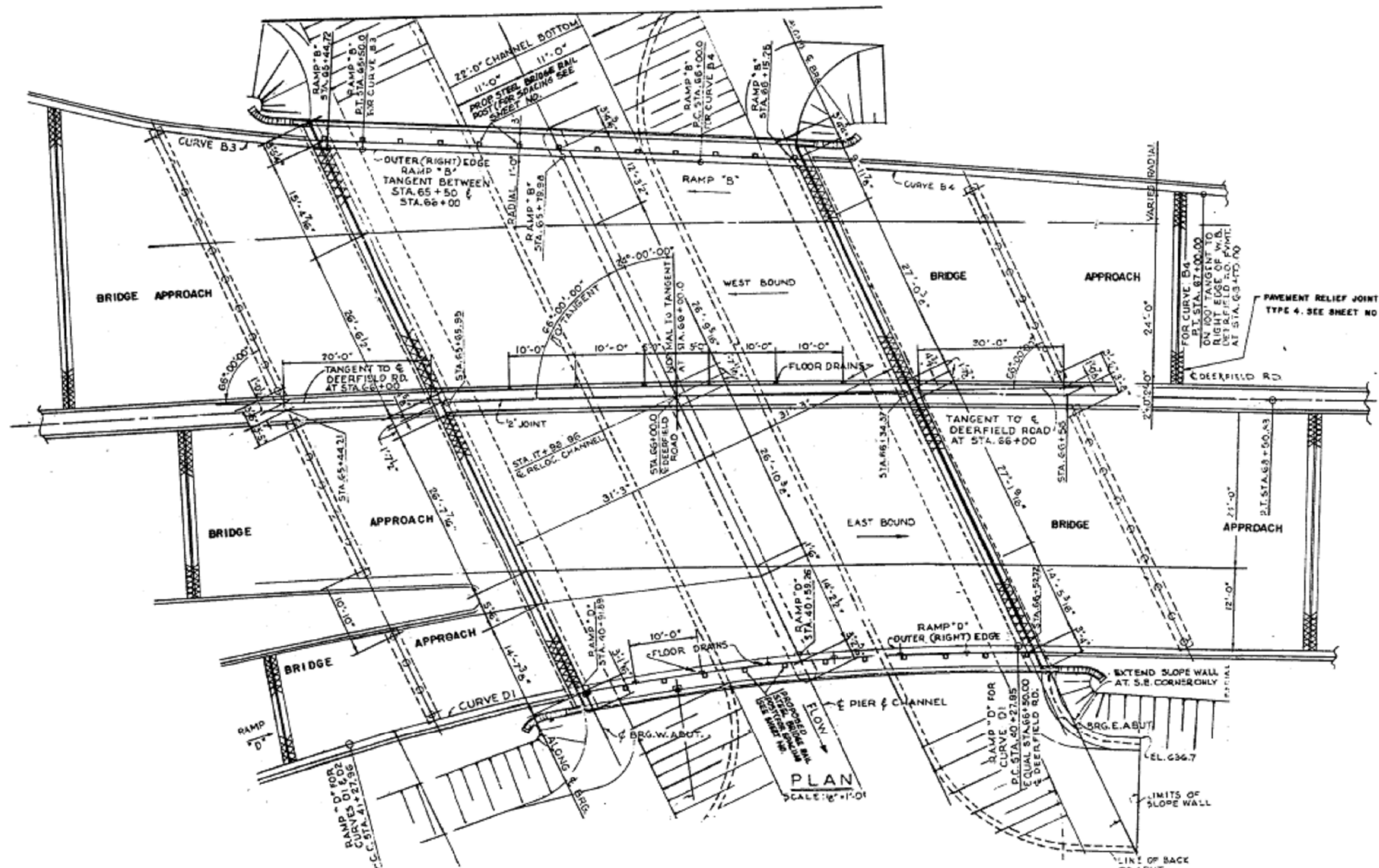
CROSS SECTION
(Looking North)

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #10 :SN 049-0082 SHERIDAN RD.OVER MIDDLETON RAVINE					SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\p\sidot\abebawa\d0402136\013514-Design.dgn		DRAWN -	REVISED -			2014-0401	LAKE	42	21				
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		CONTRACT NO. 60Y34								
Default	PLOT DATE = 8/18/2014	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

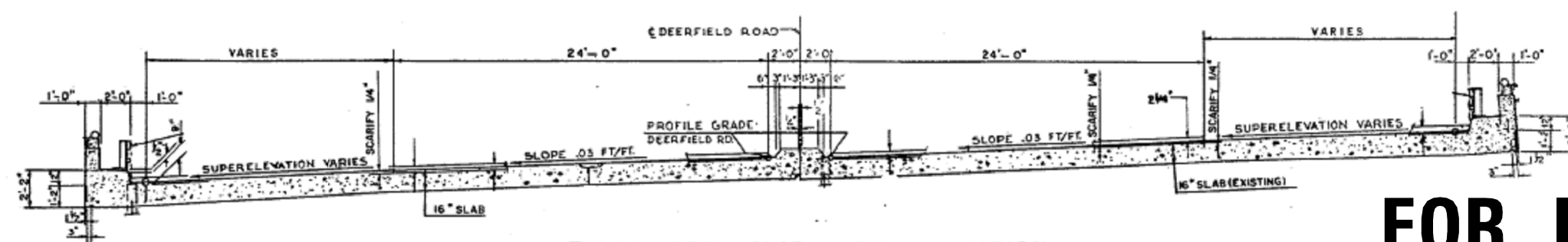


FOR INFORMATION ONLY

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #11 :SN 049-0083 SHERIDAN RD. OVER DRAINAGE DITCH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.								
cr:\pwwork\pwwork\abebawa\d0402136\013514-Design.dgn		DRAWN -	REVISED -														
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -														
Default	PLOT DATE = 8/18/2014	DATE -	REVISED -														
										SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	
															CONTRACT NO. 60Y34		
											ILLINOIS FED. AID PROJECT						



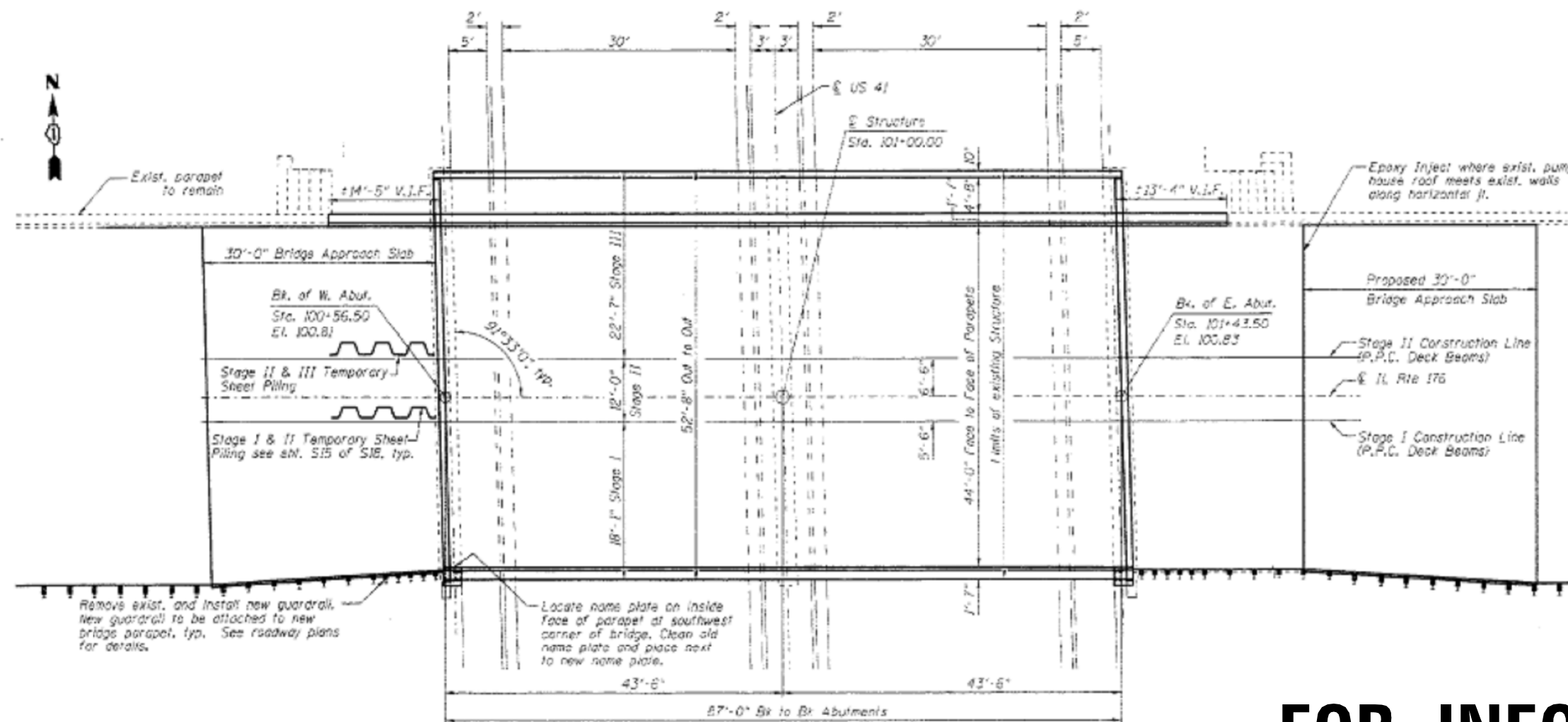
SECTION THROUGH EXISTING PARAPET



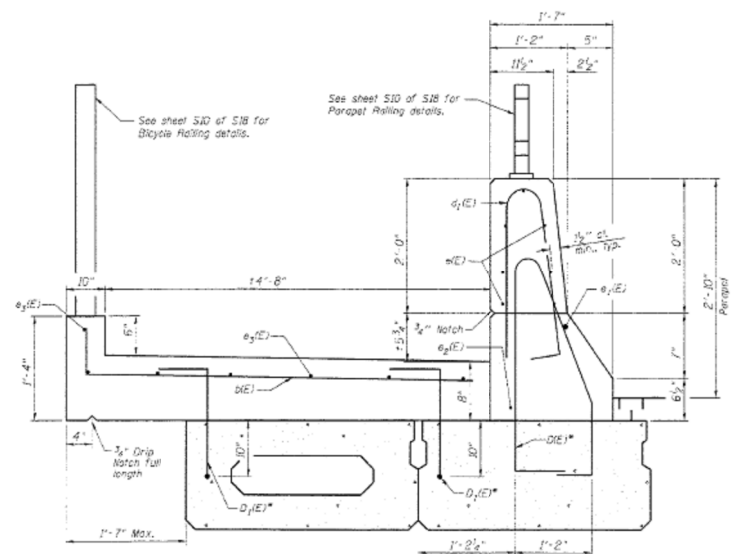
TYPICAL DECK SLAB CROSS SECTION

FOR INFORMATION ONLY

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #12 :SN 049-0088 DEERFIELD RD OVER SKOKIE DITCH	SCALE:	SHEET OF SHEETS	STA. TO STA.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\abebawa\0402136\013514-Design.dgn		DRAWN -	REVISED -									
PLOT SCALE = 100.0000' / 1" in.		CHECKED -	REVISED -									
PLOT DATE = 8/18/2014		DATE -	REVISED -									
Default									2014-0401	LAKE	42	23
									CONTRACT NO. 60Y34			
									ILLINOIS FED. AID PROJECT			

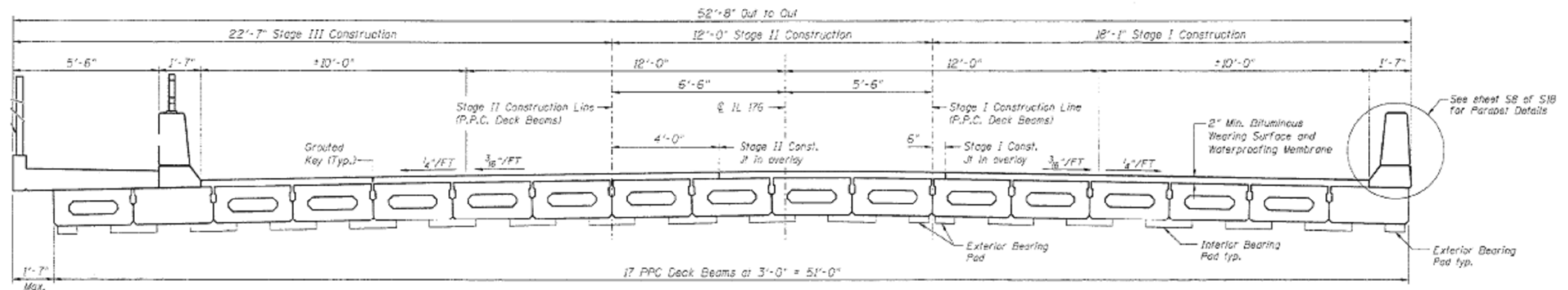


PLAN



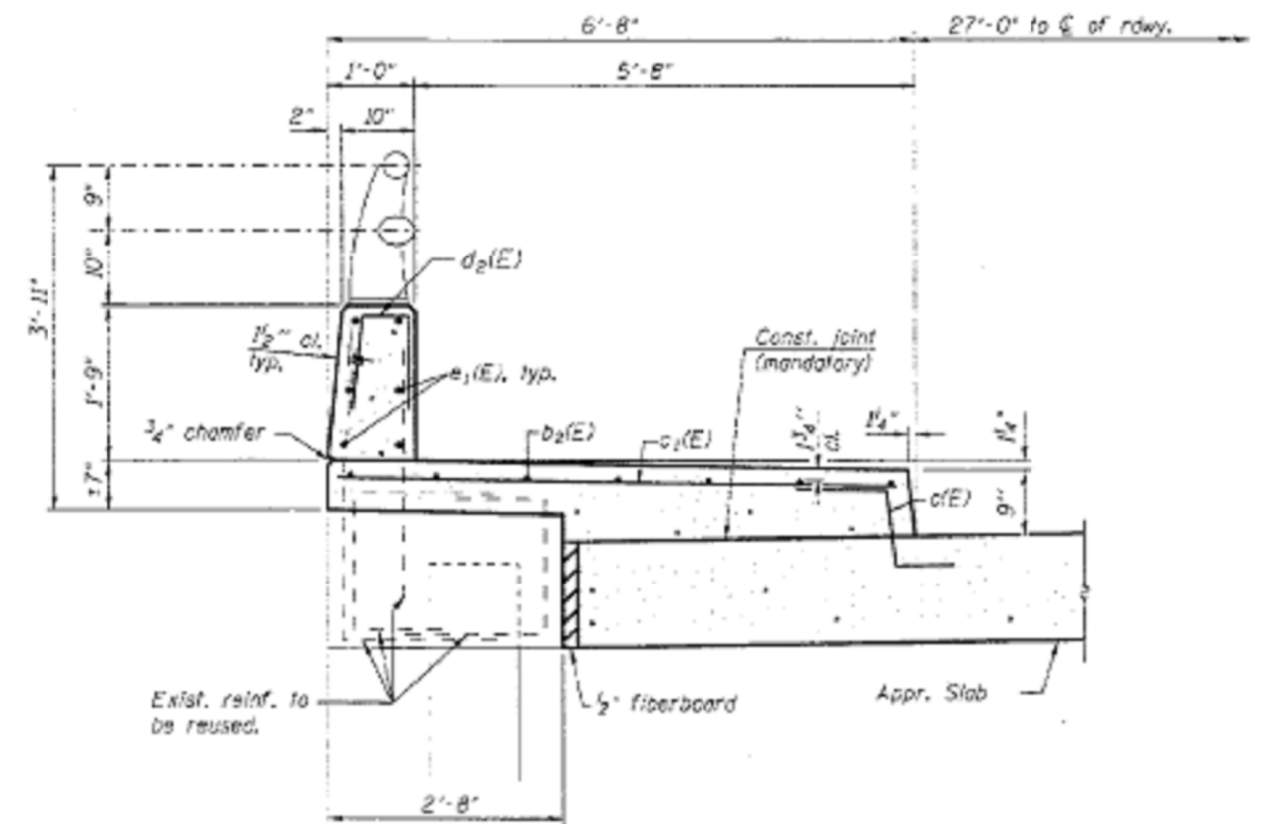
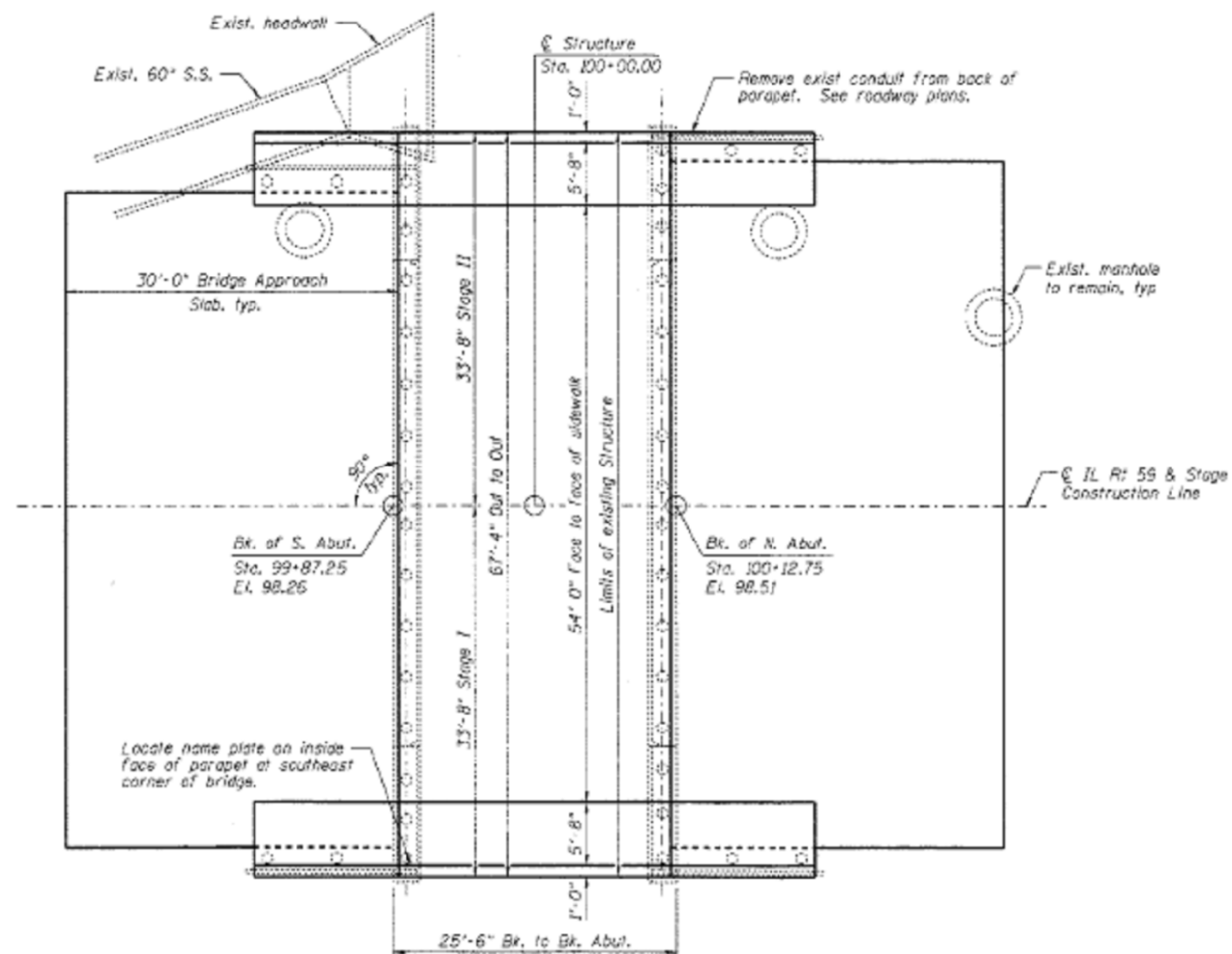
SECTION THRU SIDEWALK & PARAPET (NORTH)

FOR INFORMATION ONLY

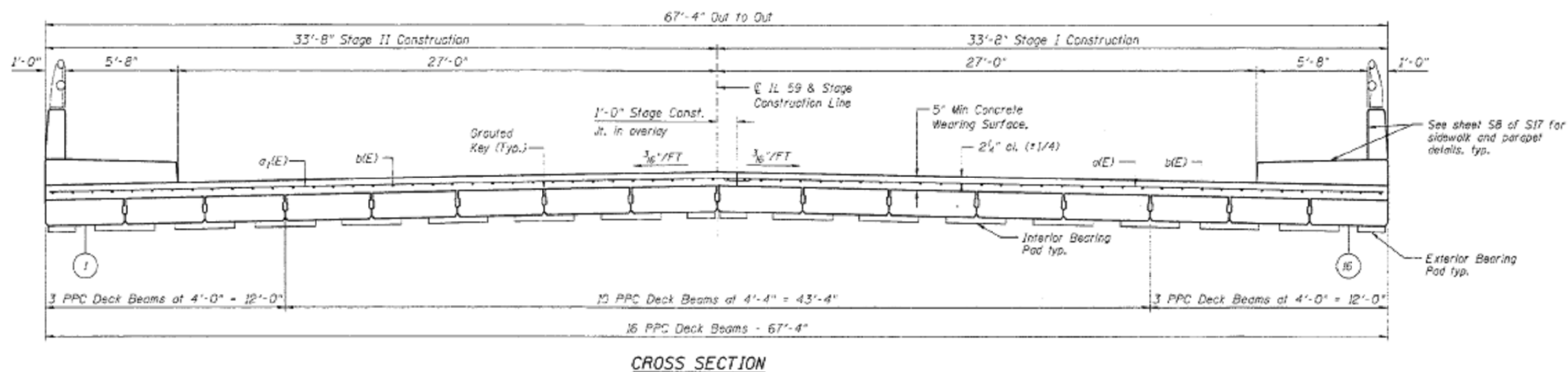


CROSS SECTION

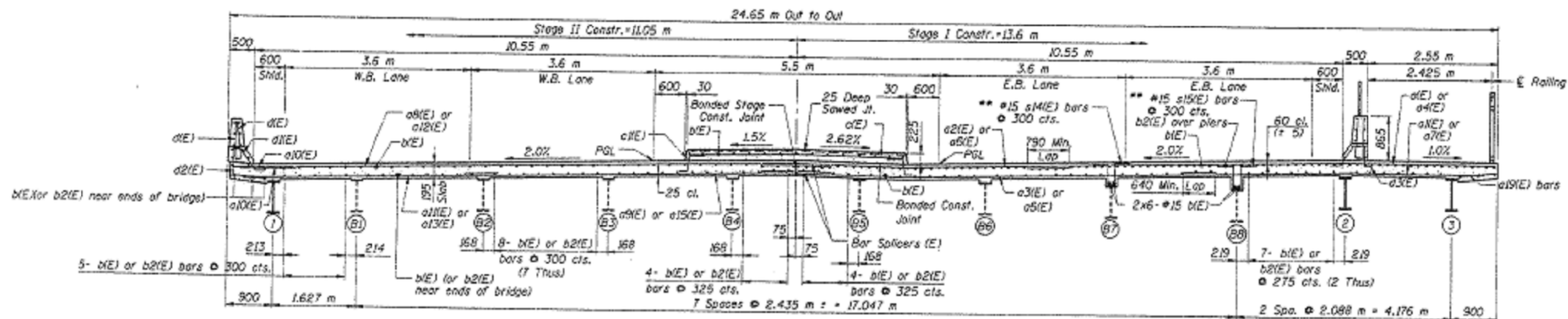
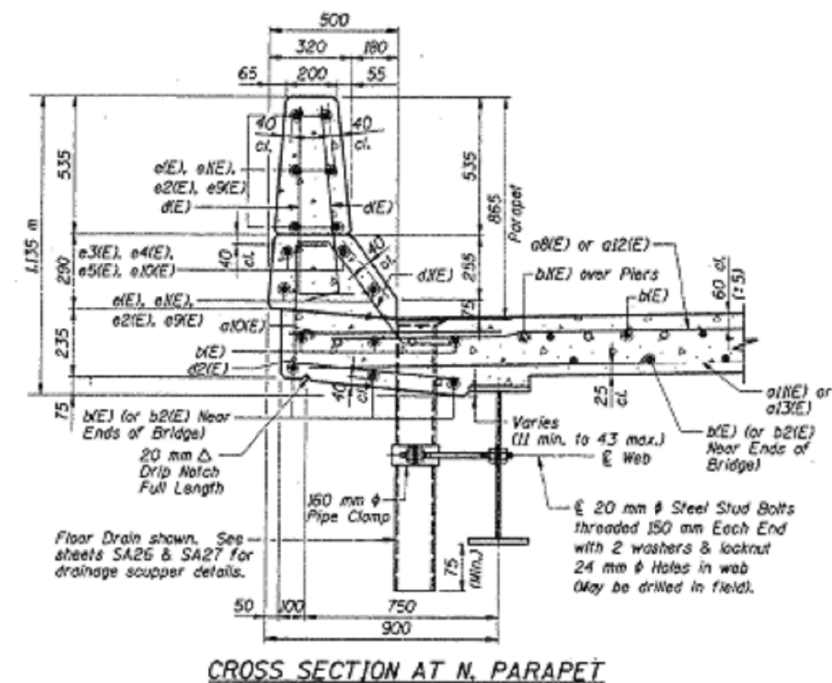
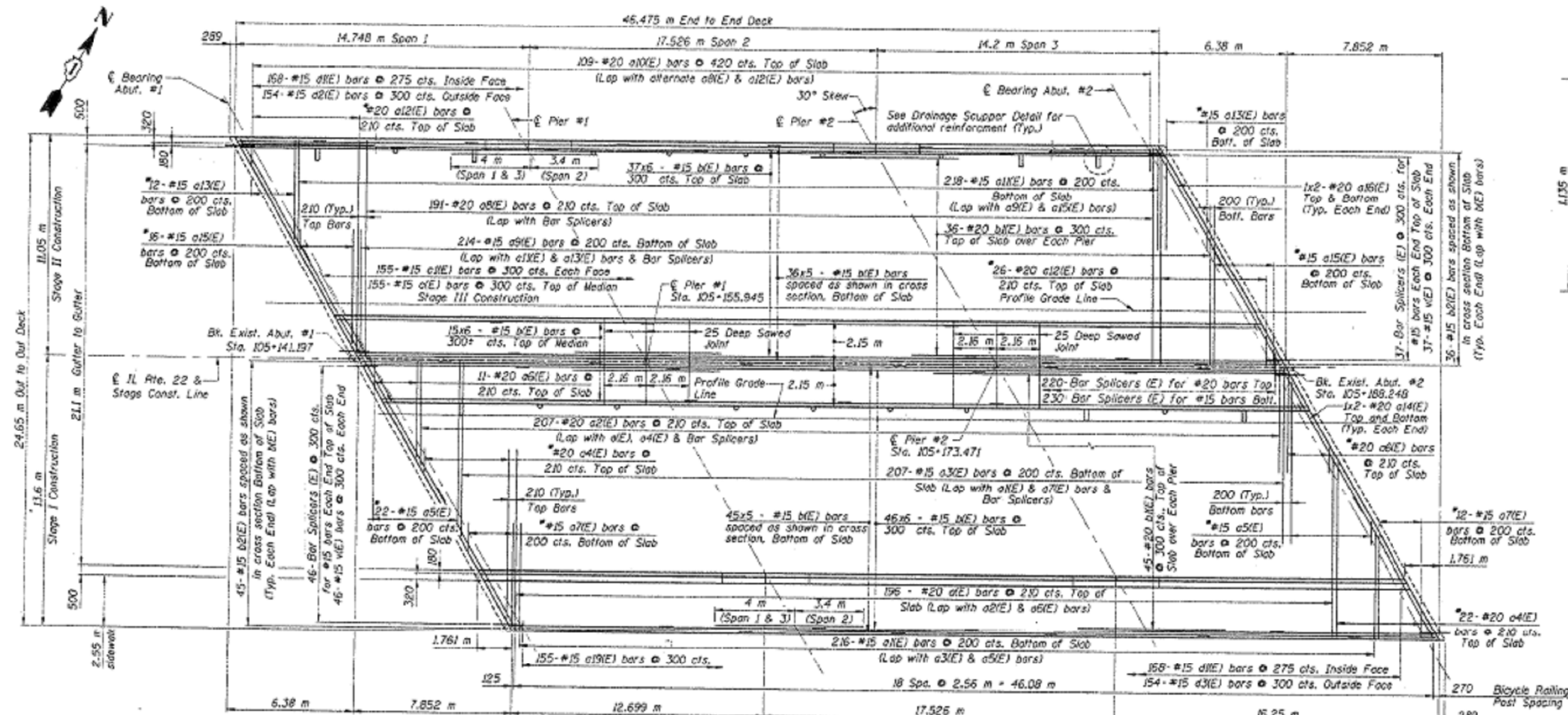
FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #13 :SN 049-0131 IL 176 OVER US 41		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	Default	DRAWN -	REVISED -				2014-0401	LAKE	42	24
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -				CONTRACT NO. 60Y34			
	PLOT DATE = 8/18/2014	DATE -	REVISED -				ILLINOIS FED. AID PROJECT			



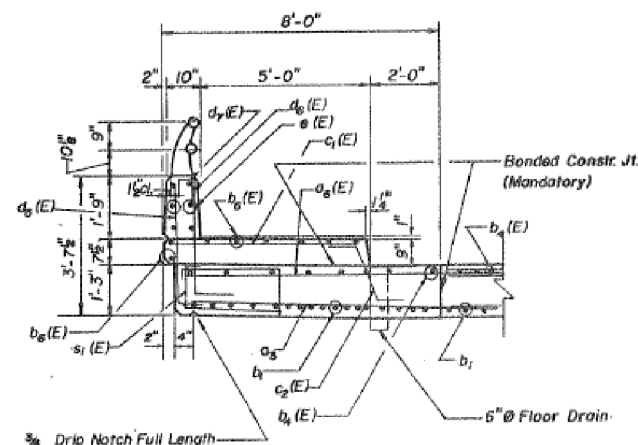
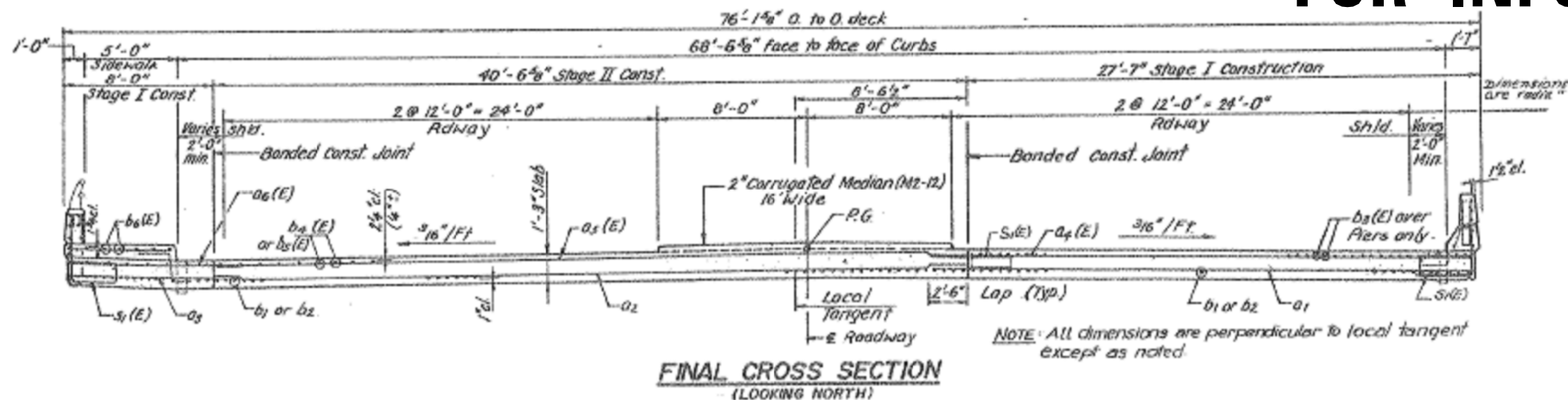
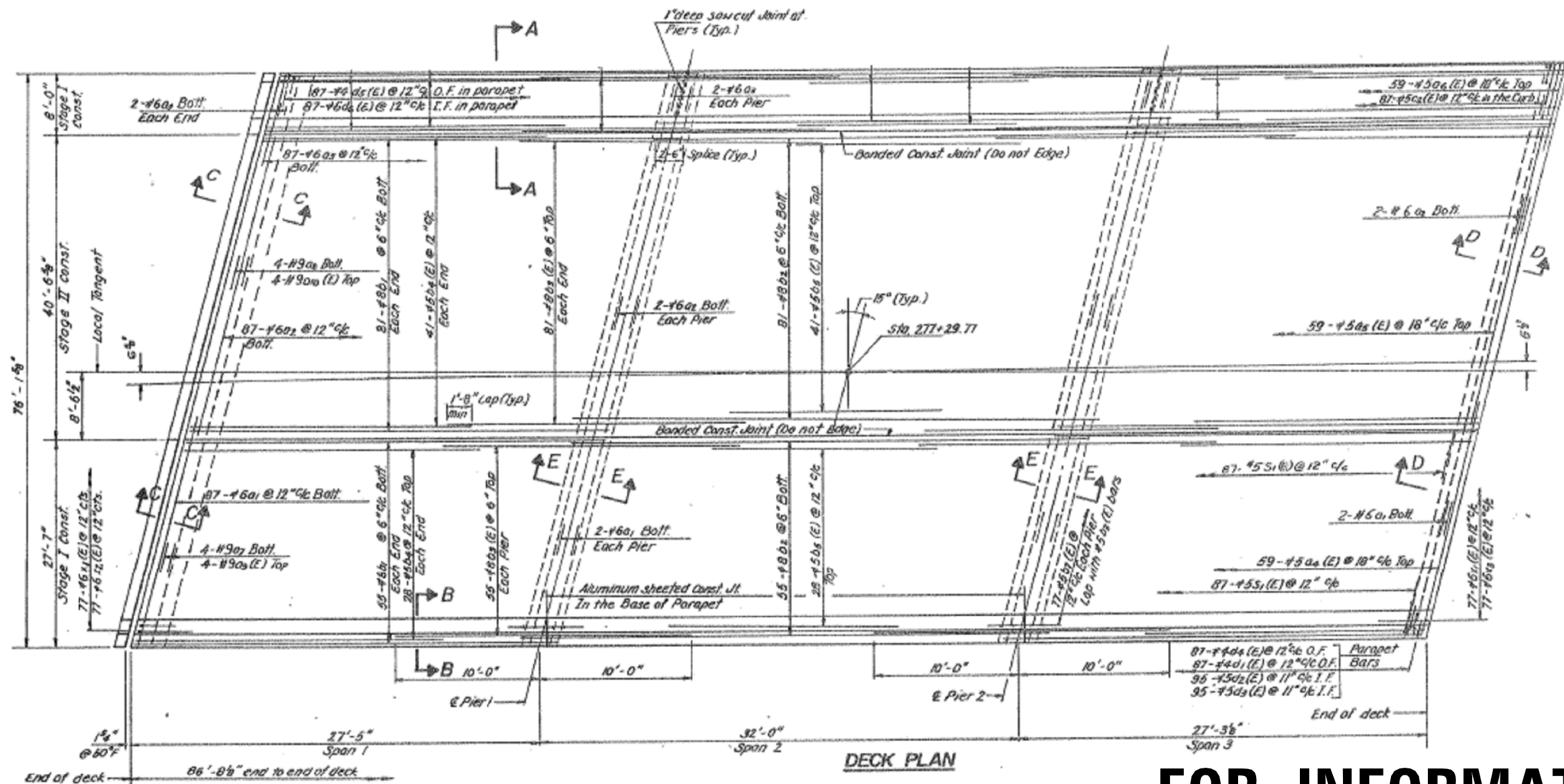
FOR INFORMATION ONLY



FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #14 :SN 049-0152					SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\pwidot\abebawa\d0402136\DI3514-Design.dgn		DRAWN -	REVISED -		IL RTE. 59 OVER FLINT CREEK TRIBUTARY					2014-0401	LAKE	42	25
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -						CONTRACT NO. 60Y34				
Default	PLOT DATE = 8/18/2014	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

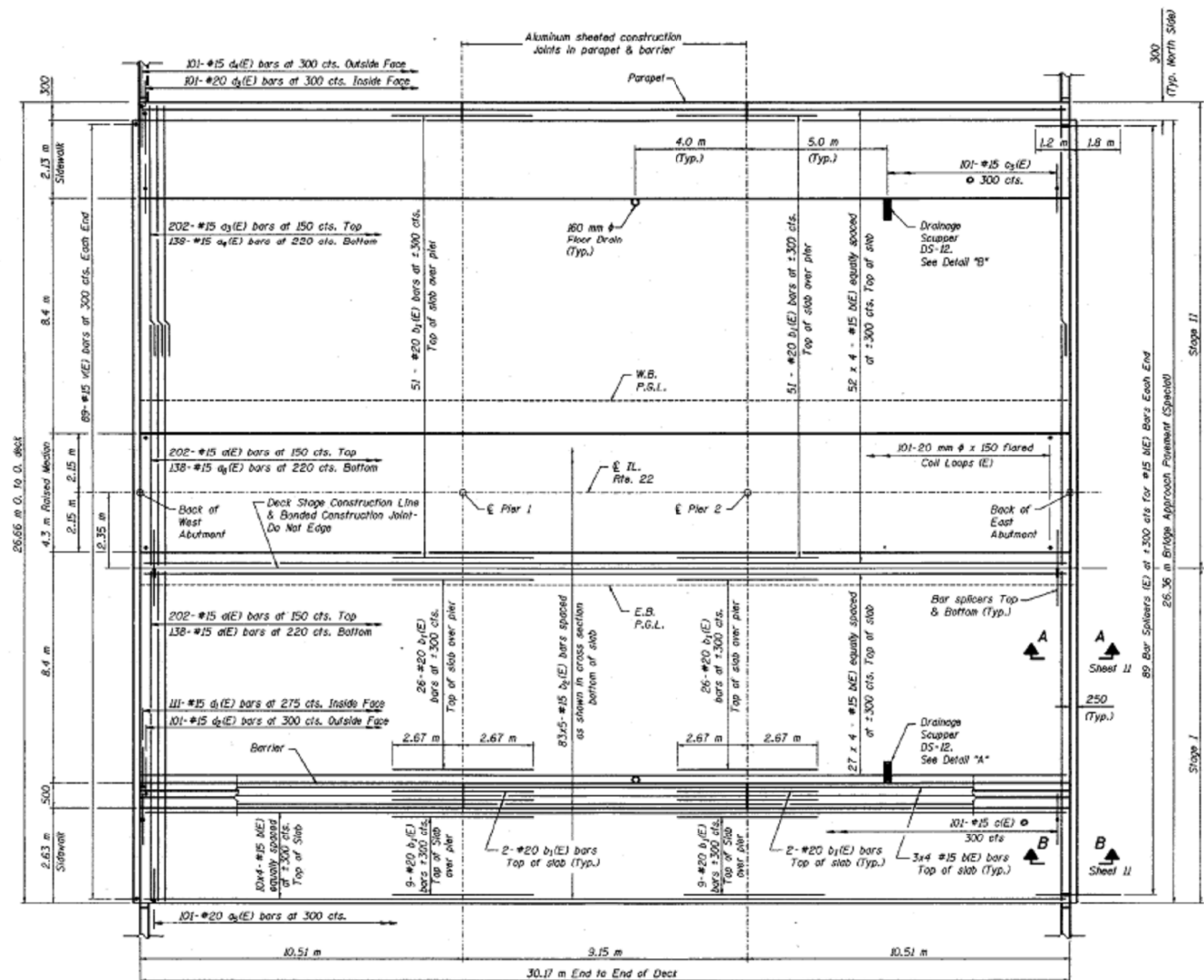


FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #15 :SN 049-0153 IL RTE.22 OVER INDIAN CREEK					SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\pwidot\abebawa\d0402136\013514-Design.dgn		DRAWN -	REVISED -			2014-0401		LAKE	42	26			
PLOT SCALE = 100.0000 ' / in.		CHECKED -	REVISED -		CONTRACT NO. 60Y3								
PLOT DATE = 8/18/2014		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
Default				SCALE:	SHEET	OF	SHEETS	STA.	TO STA.				

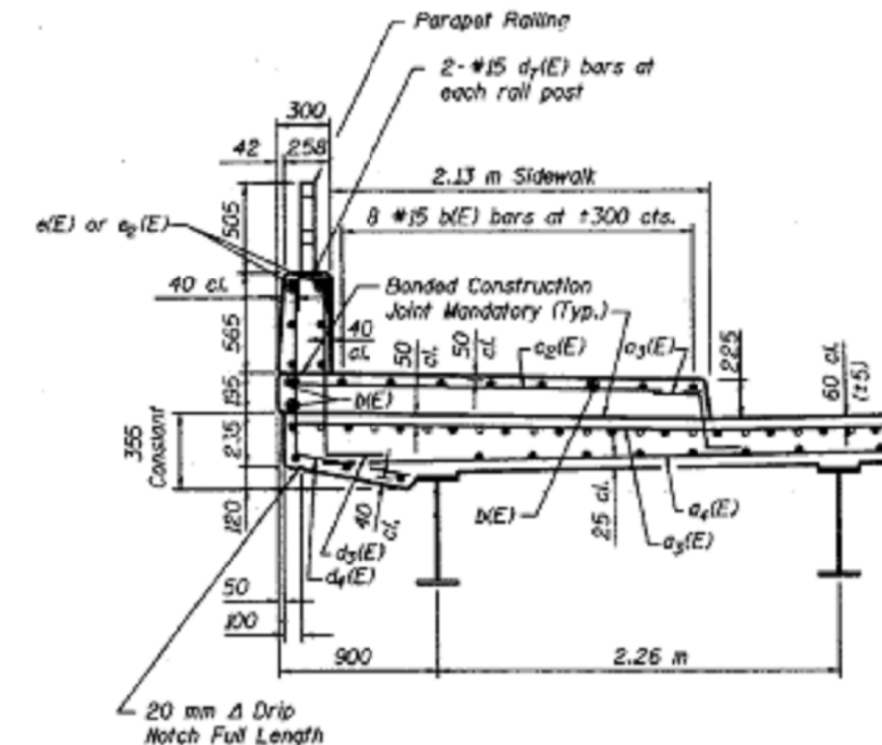


FOR INFORMATION ONLY

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #18 :SN 049-0166 US 45 & IL 21 OVER INDIAN CREEK						SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr:\pwork\pwork\abebawa\d0402136\013514-Design.dgn		DRAWN -	REVISED -			2014-0401	LAKE	42	29					
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -							CONTRACT NO. 60Y34				
Default	PLOT DATE = 8/18/2014	DATE -	REVISED -							ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.				

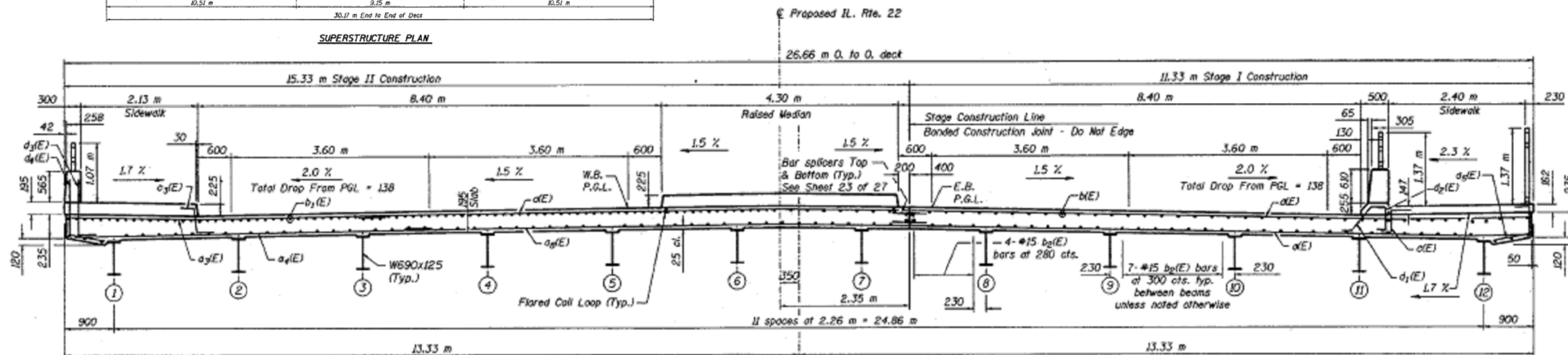


SUPERSTRUCTURE PLAN



NORTH SIDEWALK AND PARAPET
(Looking East)

FOR INFORMATION ONLY

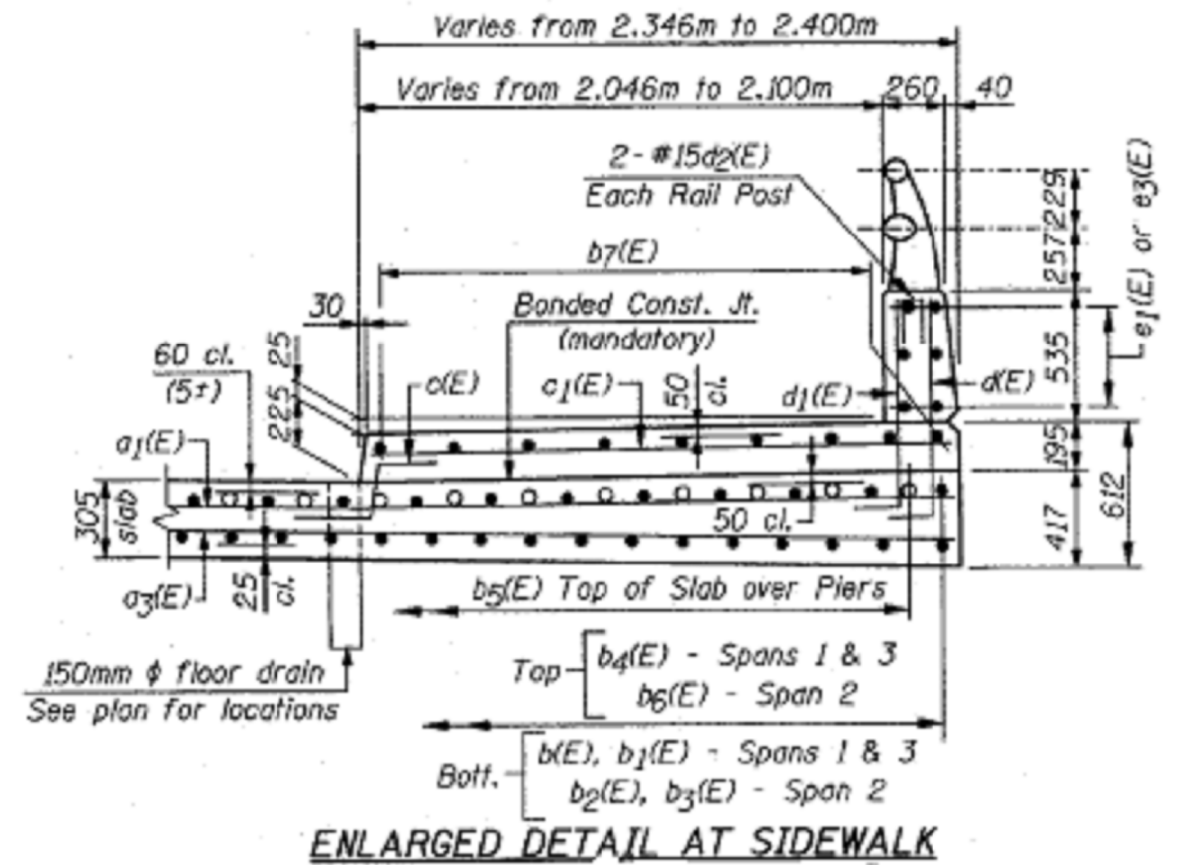
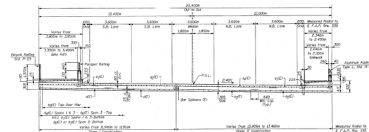
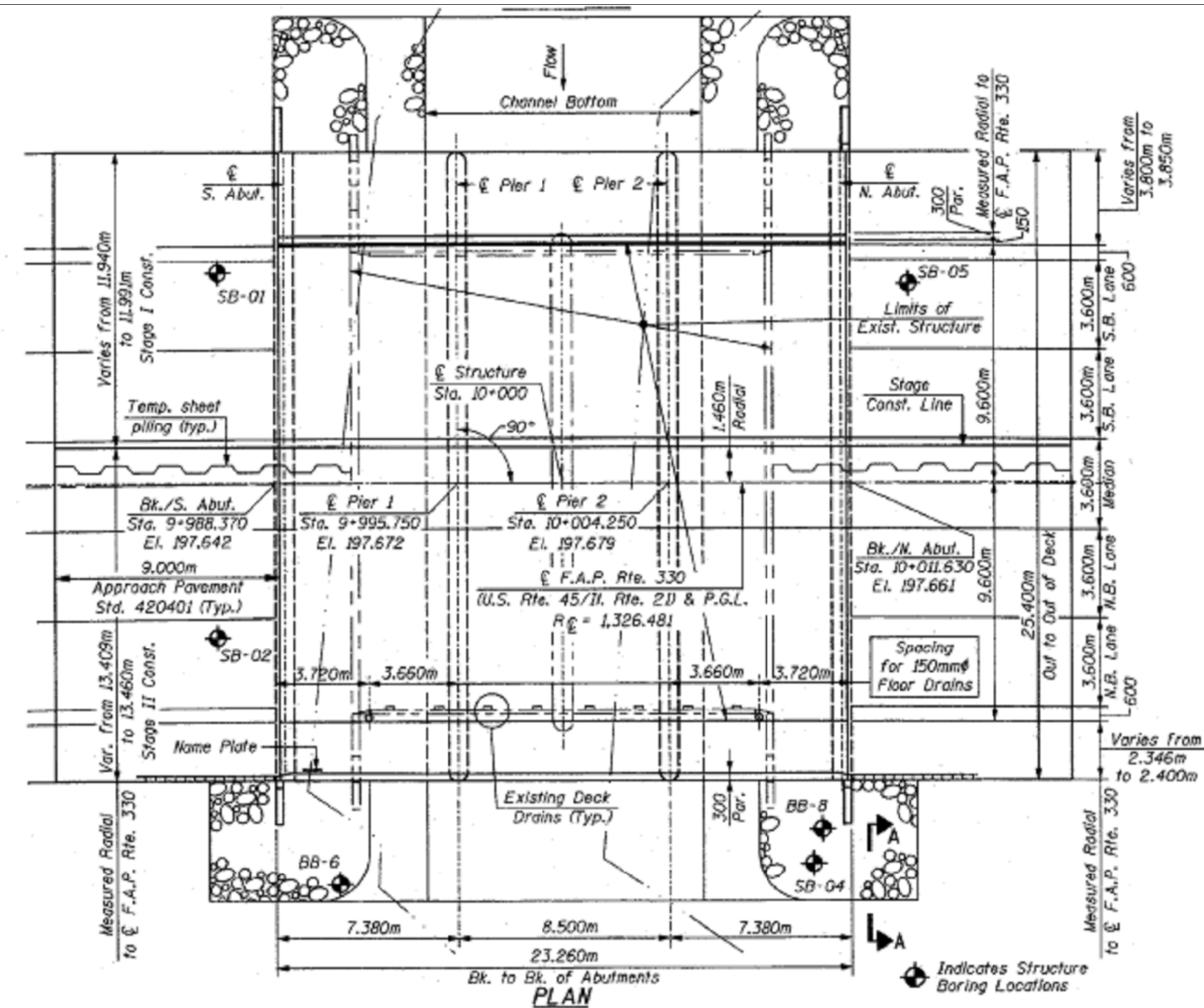


NEAR PIER

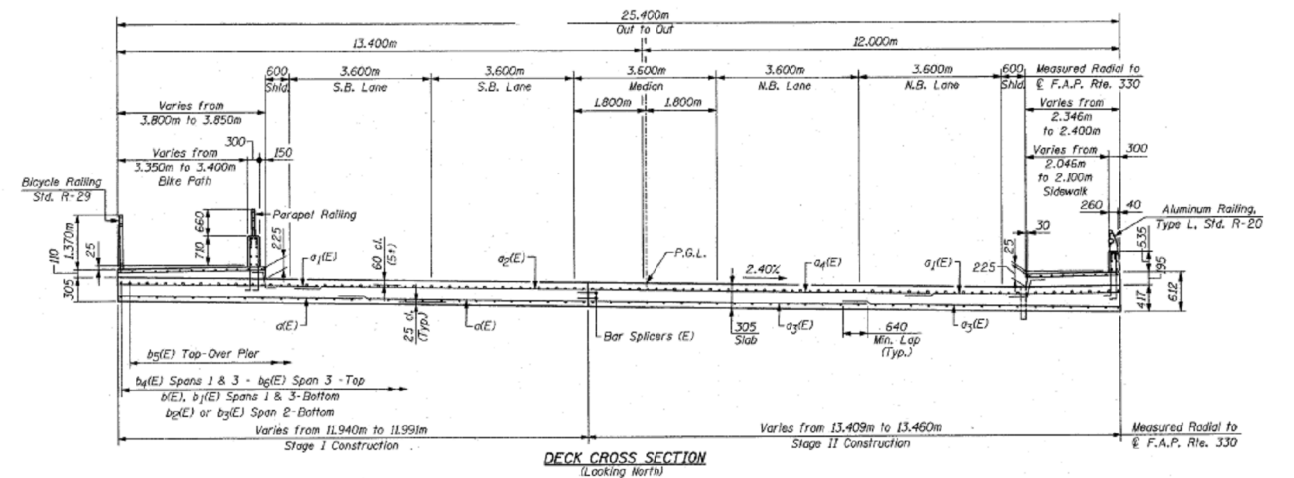
CROSS SECTION
(Looking East)

NEAR MIDSPAN

FILE NAME = c:\pw_work\pwidot\abebawa\d0402136\013514-Design.dgn Default	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #22 :SN 049-0187 IL 22 OVER MIDDLE FORK NORTH BRANCH CHICAGO RIVER					SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							2014-0401	LAKE	42	33
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -				CONTRACT NO. 60Y3						
	PLOT DATE = 8/18/2014	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



FOR INFORMATION ONLY



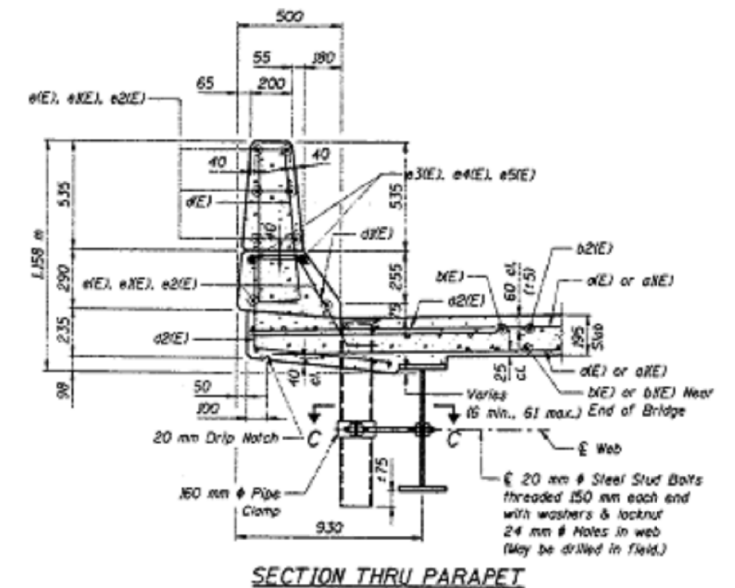
FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -
cr:\pw\work\p\dot\abebawa\d0402136\013514-Design.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	DATE = 8/18/2014	DATE -	REVISED -

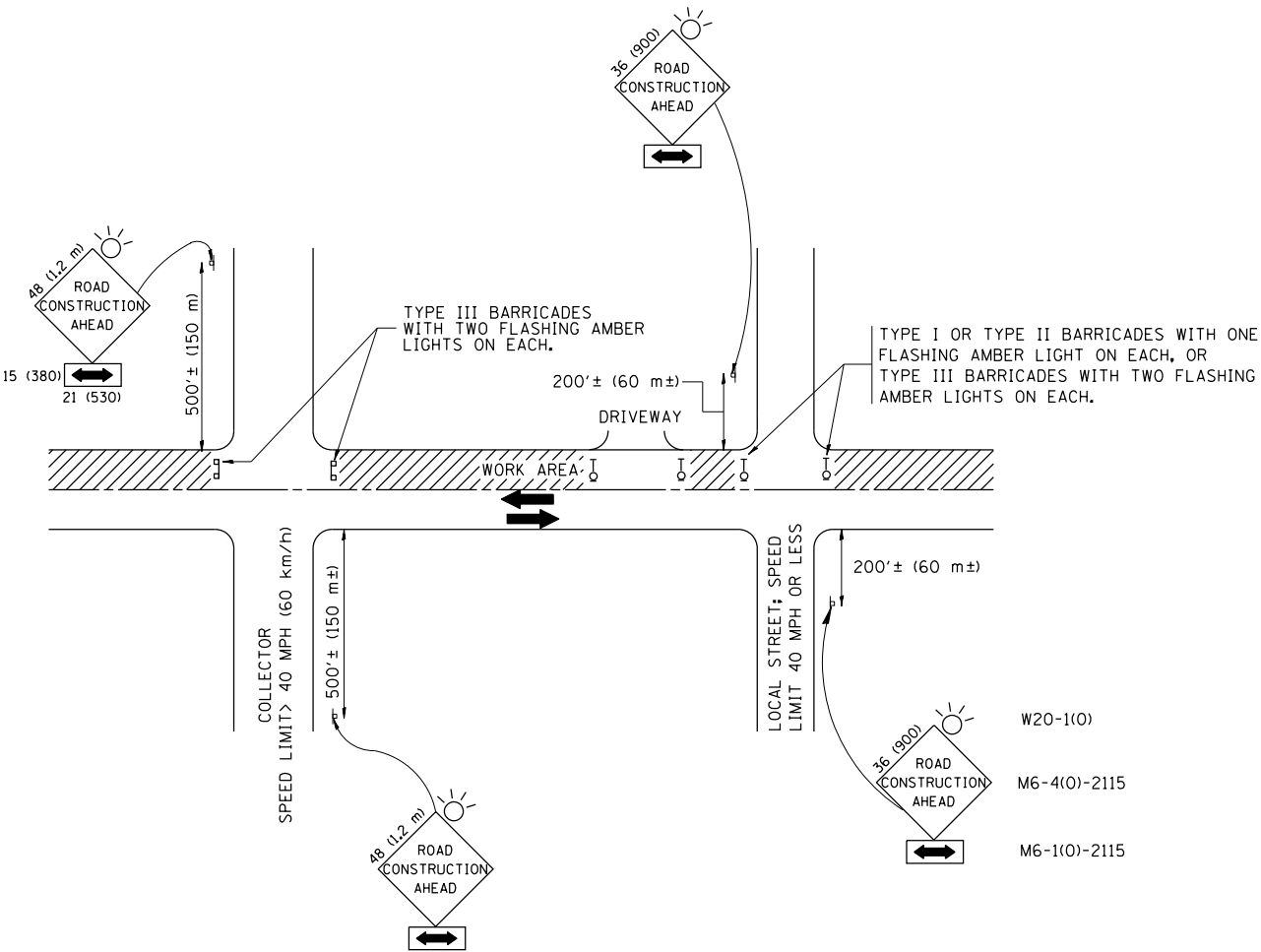
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION #25 :SN 049-0194
US 45/IL 21 OVER APTAKISIC CREEK**

SCALE: SHEET OF SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2014-0401	LAKE	42	36
CONTRACT NO. 60Y34			
ILLINOIS FED. AID PROJECT			





TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

 - SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE **ROAD CONSTRUCTION AHEAD** SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE **ROAD CONSTRUCTION AHEAD** SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

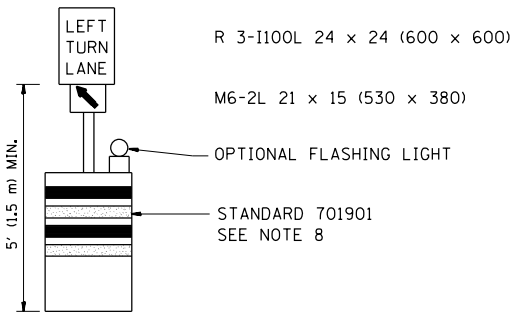
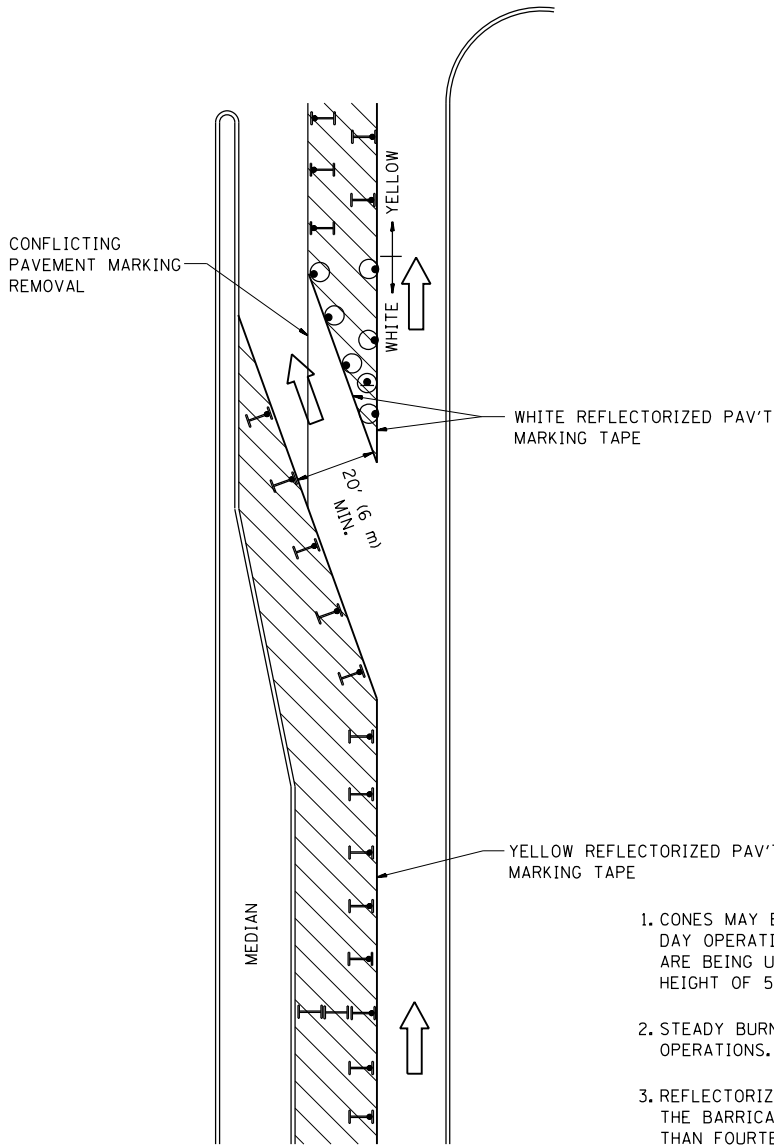
All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME =	USER NAME = abebawa	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
ct:\pw_work\pwwork\abebawa\d0402136\0135114-Design.dgn		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 8/18/2014	DATE - 06-89	REVISED -T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2014-0401	LAKE	42	40
TC-10		CONTRACT NO. 60Y34		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



GENERAL NOTES

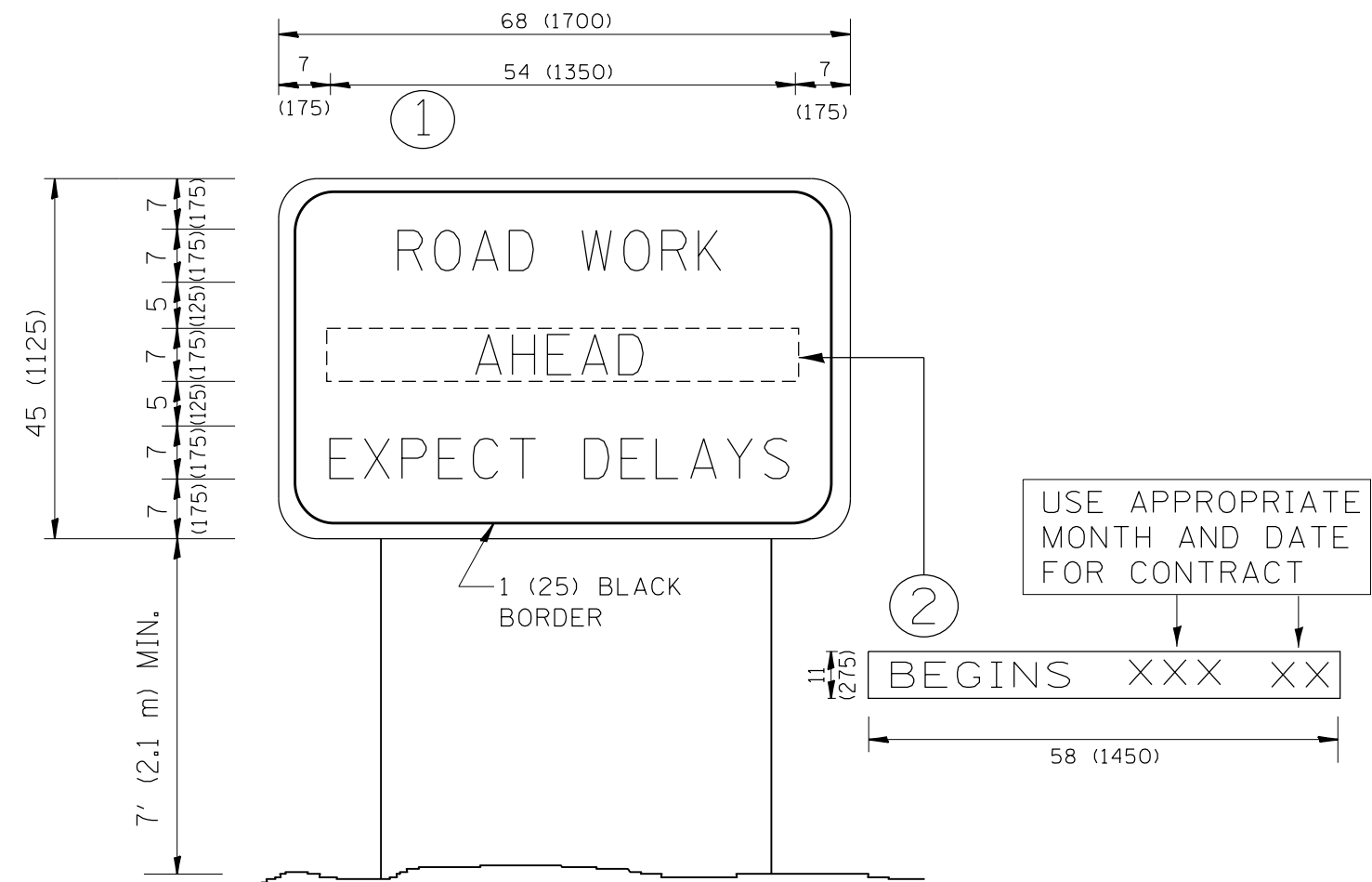
1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 PREQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

FILE NAME = c:\pw_work\pwidot\abebawa\d0402136\0135114-Design.dgn	USER NAME = abebawa	REVISED -T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		REVISED - A. HOUSEH 11-07-95	REVISED -						2014-0401	LAKE	42	41
	PLOT SCALE = 100.0000' / in.	REVISED - A. HOUSEH 10-12-96	REVISED -		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.			TC-14		CONTRACT NO. 60Y34		
	PLOT DATE = 8/18/2014	REVISED -T. RAMMACHER 01-06-00	REVISED -					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

FILE NAME = c:\pw\work\p\idot\abebawa\0402136\013514-Design.dgn	USER NAME = abebawa	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. MIRS 12-11-97						2014-0401	LAKE	42	42
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99					TC-22 CONTRACT NO. 60Y34				
	PLOT DATE = 8/18/2014	DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			