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GENERAL NOTES

- THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.
- EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- ALL SAWCUTTING OF EXISTING PAVEMENT SHALL BE CONSIDERED INCLUDED IN THE PAY ITEMS INVOLVED. THE MINIMUM SAW DEPTH IN THE PAVEMENT SHALL BE 1/2" UNLESS OTHERWISE NOTED.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
- THE THICKNESS OF HMA 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 HMA MIXTURE IS PLACED.
- 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.
- FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT-MIX ASPHALT	2.016 TONS/CU YD
ALL AGGREGATE	2.05 TONS/CU YD
BITUMINOUS MATERIALS:	
ON PAVEMENT	0.09 GAL/SQ YD
INTERMEDIATE LIFTS (FOG COAT)	0.04 GAL/SQ YD
ON AGGREGATE SURFACE	0.32 GAL/SQ YD
AGGREGATE (PRIME COAT)	0.0015 TONS/SQ YD
- 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.
- ALL DISTURBED AREAS WITHIN THE CONSTRUCTION LIMITS SHALL BE FERTILIZED AND SEEDED. SEEDING SHALL BE CLASS 2A ACCORDING TO THE APPLICABLE ARTICLES OF SECTION 250 OF THE STANDARD SPECIFICATIONS. SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDING WILL BE DETERMINED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE JULIE NUMBER IS 800-892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED.
- EXISTING TRAFFIC BARRIER TERMINALS TO BE REMOVED SHALL BE PAID FOR AS GUARDRAIL REMOVAL.
- ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.
- TREES SHALL BE PRESERVED THROUGHOUT THIS SECTION EXCEPT AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. GENERALLY, TREES OUTSIDE THE CLEAR ZONE, AND WHICH DO NOT INTERFERE WITH CONSTRUCTION, SHALL NOT BE DISTURBED.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SANDBAGS PER BARRICADE.
- THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE INITIAL OPENING OF THE COMPLETED STRUCTURE TO TWO LANE TRAFFIC, THE PRIME COAT, BINDER COURSE, AND SURFACE COURSE.
- SHORT TERM PAVEMENT MARKING ON MILLED SURFACES SHALL BE PAINT.
- THE ADVANCE DETECTOR LOOPS ARE TYPICALLY LOCATED 275 FEET IN ADVANCE OF THE STOP BAR. THE BUREAU OF OPERATIONS SHALL APPROVE THE LOOP LOCATIONS PRIOR TO INSTALLATION.
- THE CENTERLINE PAVEMENT MARKING SHOULD BE REMOVED FROM THE STOP BAR TO THE SAND ATTENUATORS OR DRUMS. EDGE LINE PAVEMENT MARKING SHOULD BE REMOVED IF A 10 FOOT LANE WIDTH CANNOT BE MAINTAINED. TEMPORARY EDGE LINES SHOULD BE INSTALLED WHEN THE EDGE LINES ARE REMOVED.
- THE CONTRACTOR SHALL PROVIDE INTERNET ACCESSIBILITY TO THE HMA PLANT QUALITY CONTROL LAB SO THAT HMA PLANT REPORTS CAN BE EMAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF ALL HOT-MIX ASPHALT ITEMS.
- ANY TIME THE CONCRETE BARRIER IS NOT IN THE PROPER POSITION, FLAGGERS SHALL BE IN PLACE TO CONTROL TRAFFIC AND THE TEMPORARY TRAFFIC SIGNALS SHALL BE TURNED OR COVERED.
- THE CONTRACTOR SHALL USE EITHER RC-70 OR AN EMULSIFIED POLYMER PRIME SS-IHP FOR THE PAY ITEM BITUMINOUS MATERIALS (PRIME COAT).
- THE TOP 4 IN. OF TOPSOIL SHALL BE STRIPPED FROM ALL AREAS WITHIN THE CONSTRUCTION LIMITS. THIS MATERIAL SHALL BE STOCKPILED AT A LOCATION APPROVED BY THE ENGINEER AND REPLACED AFTER MAJOR GRADING OPERATIONS ARE COMPLETED. THIS WORK WILL BE PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT. ADDITIONAL TOPSOIL REQUIRED WILL BE PAID FOR AS TOPSOIL FURNISH AND PLACE, 4 IN.
- BASE COURSE WIDENING EXCEEDING 6' IN WIDTH WILL BE PAID FOR AS BASE COURSE WIDENING OF THE THICKNESS SPECIFIED.
- AGGREGATE SHOULDERS, TYPE B SHALL BE CRUSHED STONE, CRUSHED CONCRETE, OR RAP.
- ALL WORK NECESSARY TO ATTACH THE PIPE DRAIN TO THE ABUTMENT DRAIN PIPE, TRENCHING IN THE PIPE DRAINS AND INSTALLING THE PIPE DRAIN TO THE CONCRETE HEADWALLS IS INCLUDED IN THE PAY ITEM OF PIPE DRAINS OF THE DIAMETER SPECIFIED.

COMMITMENTS

- NONE AS OF AUGUST 15, 2008. REFER TO COMMITMENT FILE FOR ANY COMMITMENTS AFTER THIS DATE.

CONTRACT NO. 74107	
FAP RTE 328	SECTION CLAY
TOTAL SHEETS 109	SHEET NO. 2
STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREPARED BY: _____
DISTRICT STUDIES & PLANS ENGINEER

EXAMINED BY: _____
DISTRICT LAND ACQUISITION ENGINEER

EXAMINED BY: _____
DISTRICT PROGRAM DEVELOPMENT ENGINEER

EXAMINED BY: _____
DISTRICT OPERATIONS ENGINEER

EXAMINED BY: _____
DISTRICT CONSTRUCTION ENGINEER

EXAMINED BY: _____
DISTRICT MATERIALS ENGINEER

EXAMINED BY: _____
DISTRICT PROJECT IMPLEMENTATION ENGINEER

EXAMINED BY: _____
ASSISTANT REGIONAL ENGINEER

APPROVED BY: _____
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

20

DATE _____

HMA MIXTURES REQUIREMENTS

LOCATION(S):	HOT MIX ASPHALT SURFACE COURSE AND LEVELING BINDER	BASE COURSE AND BASE COURSE WIDENING	HOT MIX ASPHALT SHOULDERS AND INC. HMA SURFACING
MIXTURE USE(S):	HOT MIX ASPHALT SURFACE COURSE, MIX C, N90	HOT MIX ASPHALT BINDER COURSE, N90, IL-19.0	HOT MIX ASPHALT SHOULDERS
AC/PG:	PG64-22	PG64-22	PG58-22
RAP % (MAX): ***	10	10	50
DESIGN AIR VOIDS:	4.0%, 90 GYRATION DESIGN	4.0%, 90 GYRATION DESIGN	2.0%, 30 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 OR IL-12.5	IL-19.0	HMA SHOULDERS
FRICTION AGGREGATE:	C SURFACE	NONE	NONE

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

ESCA
CONSULTANTS, INC.

DESIGNED BY:	DAJ	04/08
DRAWN BY:	HAS	04/08
CHECKED BY:	MTD	05/08
APPROVED BY:	RDP	08/08

95A-95D. BRIDGE APPROACH PAV'T. DETAILS

GENERAL NOTES AND INDEX
FAP RTE 328 (US 45)
SECTIONS (6BR-1, 6BR-3,
8BR-3, 8BR-4)B-1
CLAY COUNTY



LIST OF ILLINOIS DOT HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
515001-03	NAME PLATE FOR BRIDGES
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
630001-08	STEEL PLATE BEAM GUARDRAIL
630201-06	PCC/HMA STABILIZATION AT SPBGR
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-07	TRAFFIC BARRIER TERMINAL, TYPE 6
631032-04	TRAFFIC BARRIER TERMINAL, TYPE 6A
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
666001-01	RIGHT OF WAY MARKERS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 4.5m (15') AWAY
701006-03	OFF-RD OPERATIONS, 2L, 2W, 4.5 m (15') TO 600mm (24") FROM PAVEMENT EDGE
701011-02	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701321-10	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701326-03	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701901-01	TRAFFIC CONTROL DEVICES
704001-05	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	80% FED. 20% STATE TOTAL	CONSTRUCTION TYPE CODE			
				ACBRF	ACF	ACF	ACBRF
				X028-2A SN 013-2009	X028-2A SN 013-2010	X028-2A SN 013-2011	X020-2A SN 013-0043
20100500	TREE REMOVAL, ACRES	ACRE	0.3	-	-	0.14	0.16
20200100	EARTH EXCAVATION	CU YD	1165	320	210	487	148
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	335	125	115	95	-
20300100	CHANNEL EXCAVATION	CU YD	260	-	-	-	260
20400800	FURNISHED EXCAVATION	CU YD	460	150	25	-	285
20700220	POROUS GRANULAR EMBANKMENT	CU YD	715	290	175	250	-
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	54	-	-	-	54
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	550	115	65	135	235
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	76	-	76	-	-
25000350	SEEDING, CLASS 7	ACRE	1.2	0.3	0.3	0.2	0.4
25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	1.2	0.3	0.3	0.2	0.4
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	240	60	60	40	80
28000300	TEMPORARY DITCH CHECKS	EACH	11	3	-	4	4
28000400	PERIMETER EROSION BARRIER	FOOT	3540	835	740	615	1350
28100107	STONE RIPRAP, CLASS A4	SQ YD	2024	362	281	281	1100
28200200	FILTER FABRIC	SQ YD	2024	362	281	281	1100
31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	602	273	116	213	-
35501324	HOT-MIX ASPHALT BASE COURSE, 10"	SQ YD	586	231	175	180	-
35650500	BASE COURSE WIDENING 10"	SQ YD	1744	403	514	473	354
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	702	138	168	173	223
40600300	AGGREGATE (PRIME COAT)	TON	13.2	2.3	3.2	3.5	4.2
40600645	LEVELING BINDER (MACHINE METHOD), N90	TON	166	-	30	38	98
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1266	491	370	217	188
40600990	TEMPORARY RAMP	SQ YD	212	29	29	15	139
40603320	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90	TON	475	120	110	95	150
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	4	-	4	-	-
42001165	BRIDGE APPROACH PAVEMENT	SQ YD	267	-	-	-	267
44000100	PAVEMENT REMOVAL	SQ YD	1199	340	342	131	386
44004250	PAVED SHOULDER REMOVAL	SQ YD	271	115	156	-	-
48101200	AGGREGATE SHOULDERS, TYPE B	TON	269	112	112	1	44
48203100	HOT-MIX ASPHALT SHOULDERS	TON	554	117	62	207	168
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1	-	-	-
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1	-	1	-	-
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1	-	-	1	-
50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1	-	-	-	1
50200100	STRUCTURE EXCAVATION	CU YD	225	-	-	-	225
50300100	FLOOR DRAINS	EACH	8	-	-	-	8
50300225	CONCRETE STRUCTURES	CU YD	129.4	-	-	-	129.4
50300255	CONCRETE SUPERSTRUCTURE	CU YD	277.6	-	-	-	277.6
50300260	BRIDGE DECK GROOVING	SQ YD	428	-	-	-	428
50300280	CONCRETE ENCASMENT	CU YD	12.6	-	-	-	12.6
50300300	PROTECTIVE COAT	SQ YD	536	-	-	-	536

* SPECIALTY ITEM

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	*	CLAY	108	3
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*6BR-1, 6BR-3, 8BR-3, 8BR-4B-1				

ESCA CONSULTANTS, INC.		
DESIGNED BY:	DAJ	04/08
DRAWN BY:	HAS	04/08
CHECKED BY:	MTD	05/08
APPROVED BY:	RDP	08/08

STANDARDS AND SUMMARY OF QUANTITIES

FAP RTE 328 (US 45)
SECTIONS (6BR-1, 6BR-3,
8BR-3, 8BR-4)B-1
CLAY COUNTY

Rev. 12-31-08

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO. FAP 328	SECTION *	COUNTY CLAY	TOWNSHIP 7E	RANGE 3	SHEET 78	SHEET NO. 1 18 SHEETS
FED. ROAD DIST. NO. ILLINOIS					FED. AID PROJECT *8BR-4B-1	CONTRACT NO. 74107

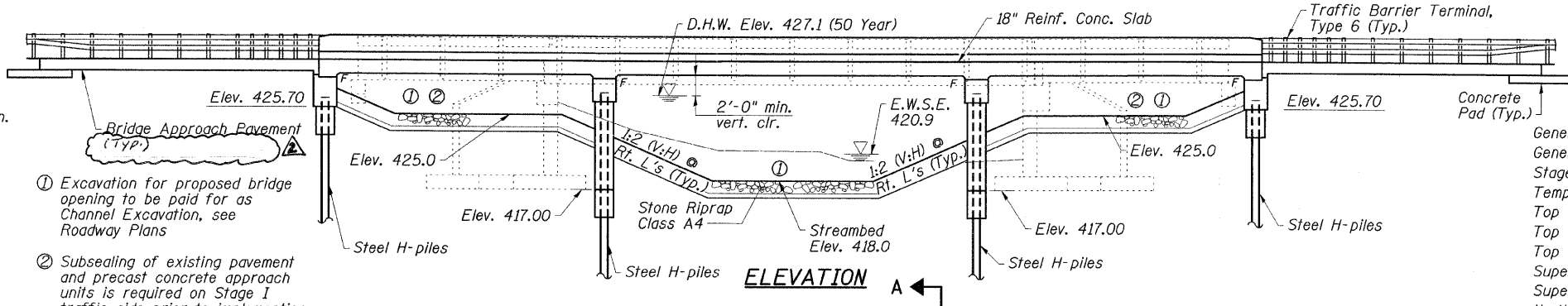
BENCHMARK: BM 209 - Railroad spike in Power Pole No. 217, Sta. 969+25, 29.7' Lt., Elev. 429.86 (NAVD 88)

EXISTING STRUCTURE: SN 013-0015 was originally built in 1921 as SBI 25, Section 8B and was reconstructed in 1974 as SBI 25, Section 8BR-4. It is a single span structure consisting of 21" PPC Deck Beams on closed abutments and wingwalls on spread footings. The deck width is 33'-0" and the length is 53'-0" back to back of abutments. Traffic shall be maintained utilizing stage construction.

No salvage.

STATION 968+56.00
BUILT 200 BY
STATE OF ILLINOIS
F.A.P. RT. 328 SEC. (8BR-4)B-1
LOADING HL-93
STR. NO. 013-0043

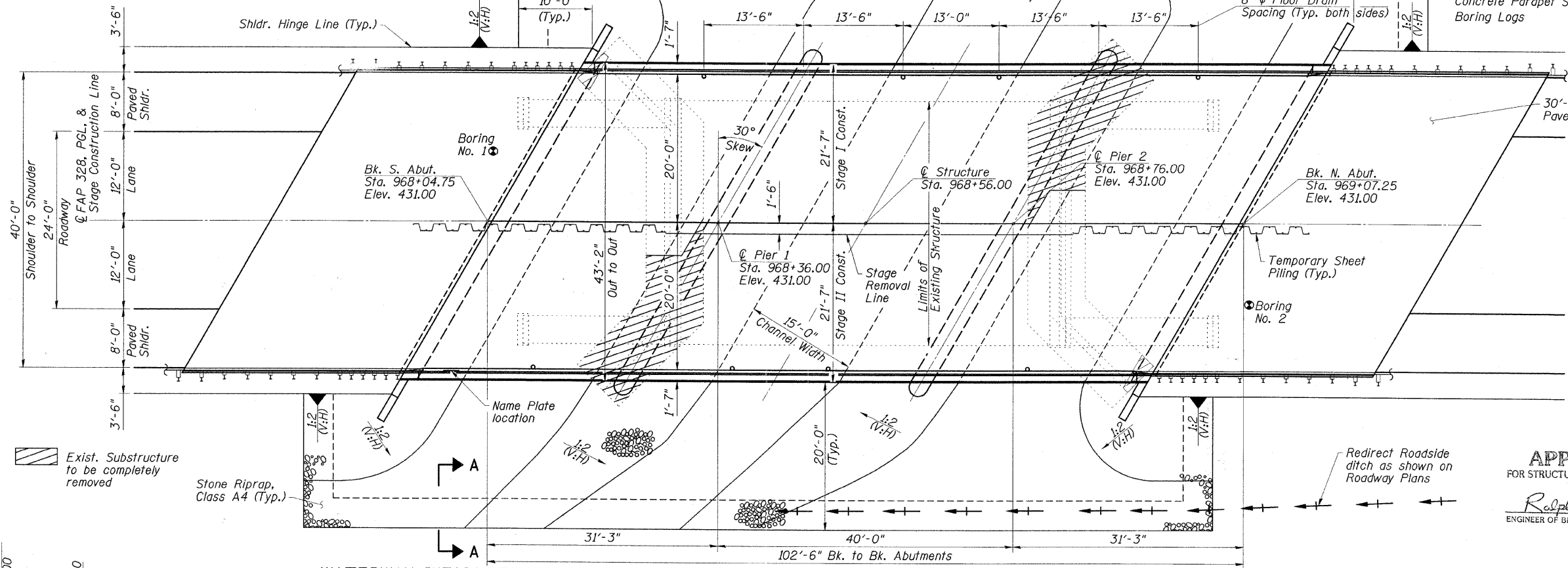
NAME PLATE
See Std. 515001



- ① Excavation for proposed bridge opening to be paid for as Channel Excavation, see Roadway Plans
- ② Subsealing of existing pavement and precast concrete approach units is required on Stage I traffic side prior to implementing Stage I traffic, see Roadway Plans.

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WATERWAY INFORMATION

Total Drainage Area = 6.77 Sq. Mi.
Exist. Low Grade Elev. = 430.8 Ft. @ Sta. 971+00
Prop. Low Grade Elev. = 431.0 Ft. @ Sta. 971+00

Flood	Freq. Yr.	O - C.F.S.		Opening - Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.		
		Exist.	Prop.	Exist.	Prop.		Exist.	Prop.	Exist.	Prop.	
Design	10	Main Channel	1138	952	233	280	426.2	0.6	0.5	426.8	426.7
		Overflow	381	567	74	107					
		Total	1519	1519	307	387					
Design	50	Main Channel	1815	1743	278	348	427.1	1.1	0.7	428.2	427.8
		Overflow	641	713	92	127					
		Total	2456	2456	370	475					
Base	100	Main Channel	2137	2040	293	372	427.4	1.8	0.9	429.2	428.3
		Overflow	742	839	98	133					
		Total	2879	2879	391	505					
Overtopping	-	Main Channel	-	-	-	-	-	-	-	-	-
		Overflow	-	-	-	-					
		Total	-	-	-	-					
Max. Calc.	500	Main Channel	2856	2687	328	426	428.1	2.2	1.6	430.3	429.7
		Overflow	1060	1229	112	148					
		Total	3916	3916	440	574					

DESIGN SPECIFICATIONS

2007 AASHTO LRFD
LOADING HL-93
Allow 50 psf for future wearing surface.

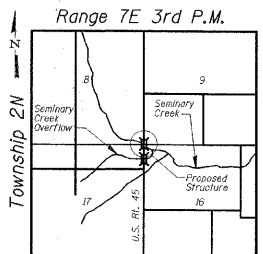
DESIGN STRESSES

FIELD UNITS

f_c = 3,500 psi
f_y = 60,000 psi (Reinf.)

SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
Bedrock Acceleration Coefficient (A) = 0.09g
Site Coefficient (S) = 1.0



SCOUR INFORMATION

Design Scour Elevation (Ft.)	S. Abut.	Pier 1	Pier 2	N. Abut.
	425.70	422.40	422.40	425.70

GENERAL PLAN

US 45 OVER SEMINARY CREEK
FAP ROUTE 328 - SECTION (8BR-4)B-1
CLAY COUNTY
STATION 968+56.00
STRUCTURE NO. 013-0043



EXPIRES 11-30-08
SIGNATURE
08-12-08
DATE

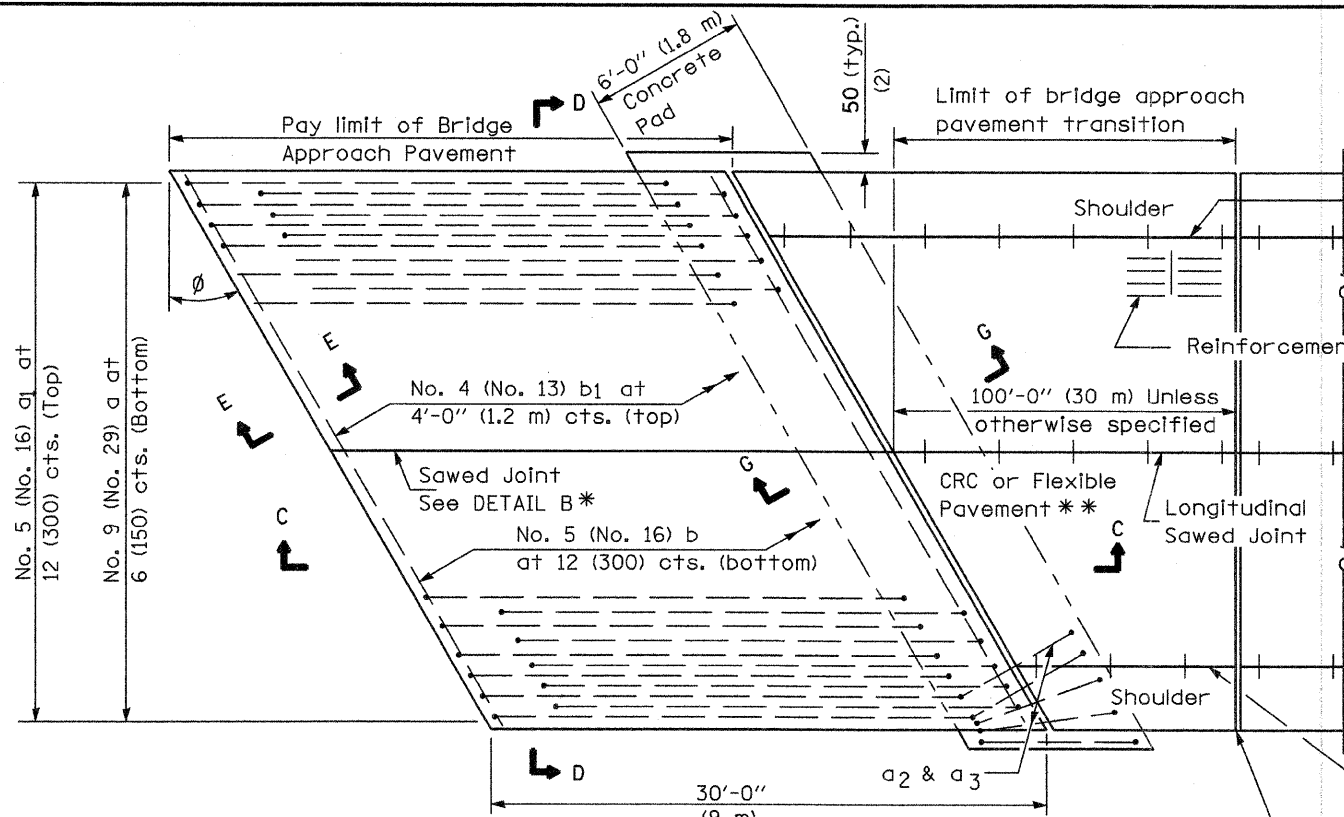
APPROVED
FOR STRUCTURAL ADEQUACY ONLY

Ralph E. Anderson (TJD)
ENGINEER OF BRIDGES AND STRUCTURES

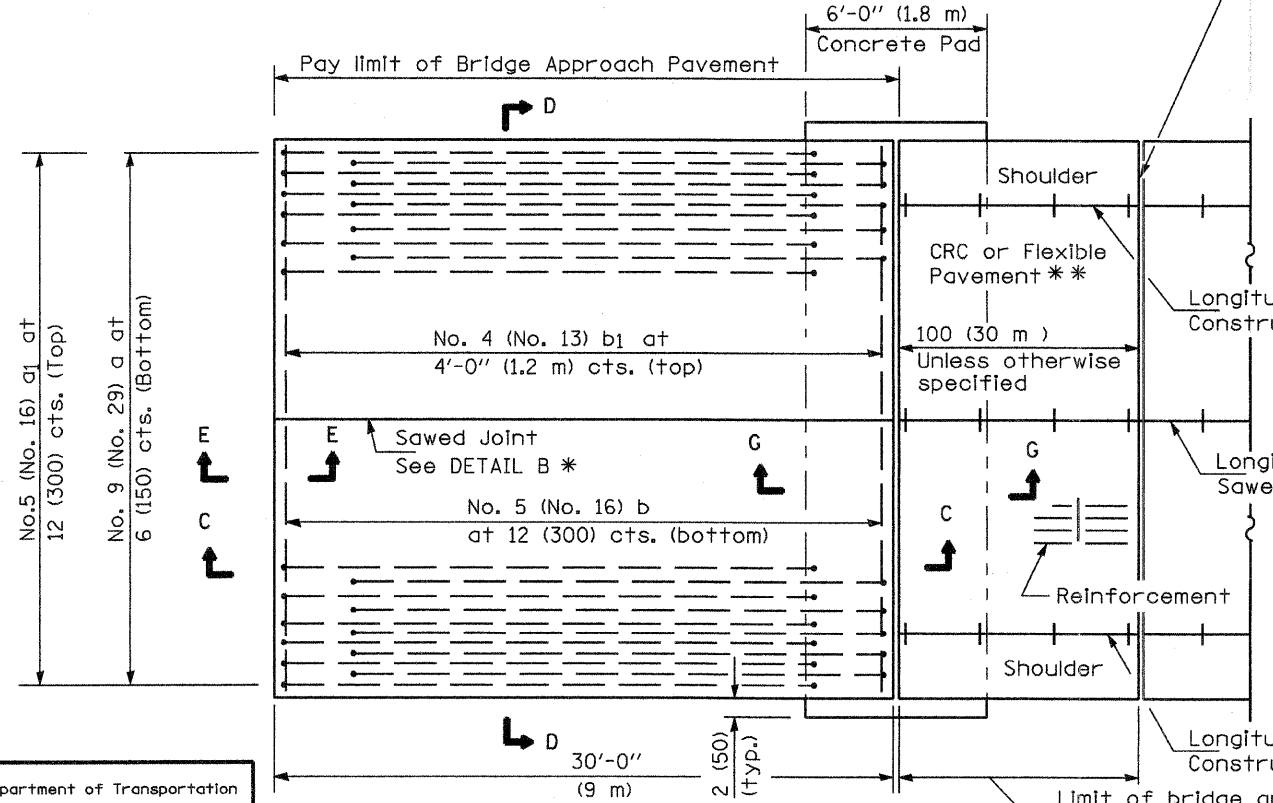
Rev. 12-31-08

ESCA
CONSULTANTS, INC.

DESIGNED BY: MTD 04/08
DRAWN BY: DWH 04/08
CHECKED BY: DAJ 05/08
APPROVED BY: RDP 08/08



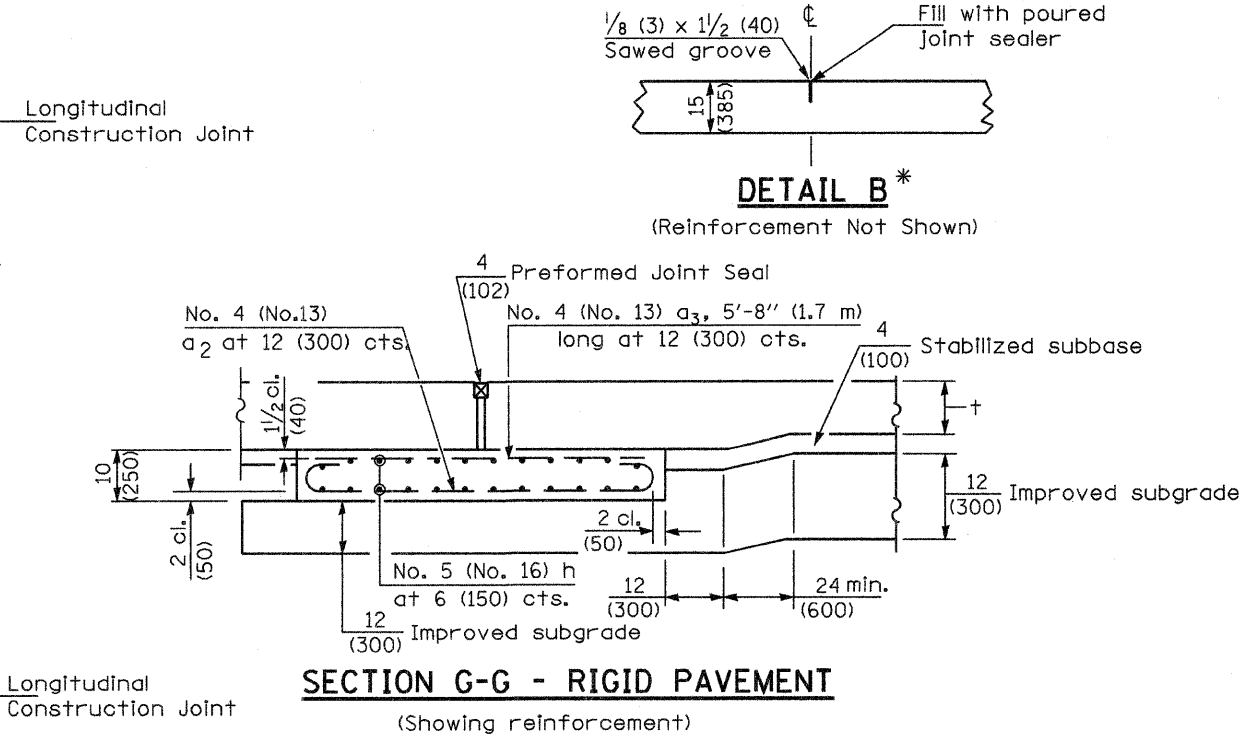
PLAN - WITH SKEW



PLAN - WITHOUT SKEW

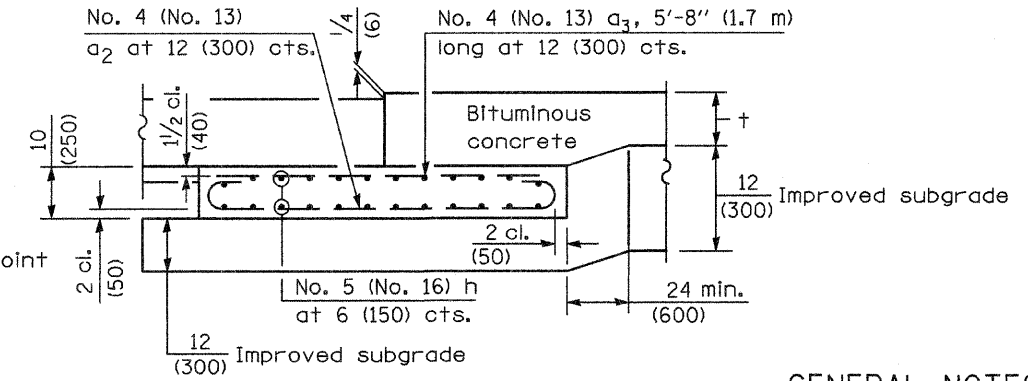
* Saw ϕ or lane edge if poured two or more lane widths at a time.
 ** Omit Reinforcement, tie bars and Long. sawed Jt. for Flexible Pavement.

NEW CONSTRUCTION



SECTION G-G - RIGID PAVEMENT
(Showing reinforcement)

Rigid Pavement only:
 Wide Flange Beam Terminal Joint (See DETAIL AT BEAM - Standard 421101 or 421106) or 2 (50) Trans. Exp. Joint as detailed on Standard 420001.



SECTION G-G - FLEXIBLE PAVEMENT
(Showing reinforcement)

GENERAL NOTES

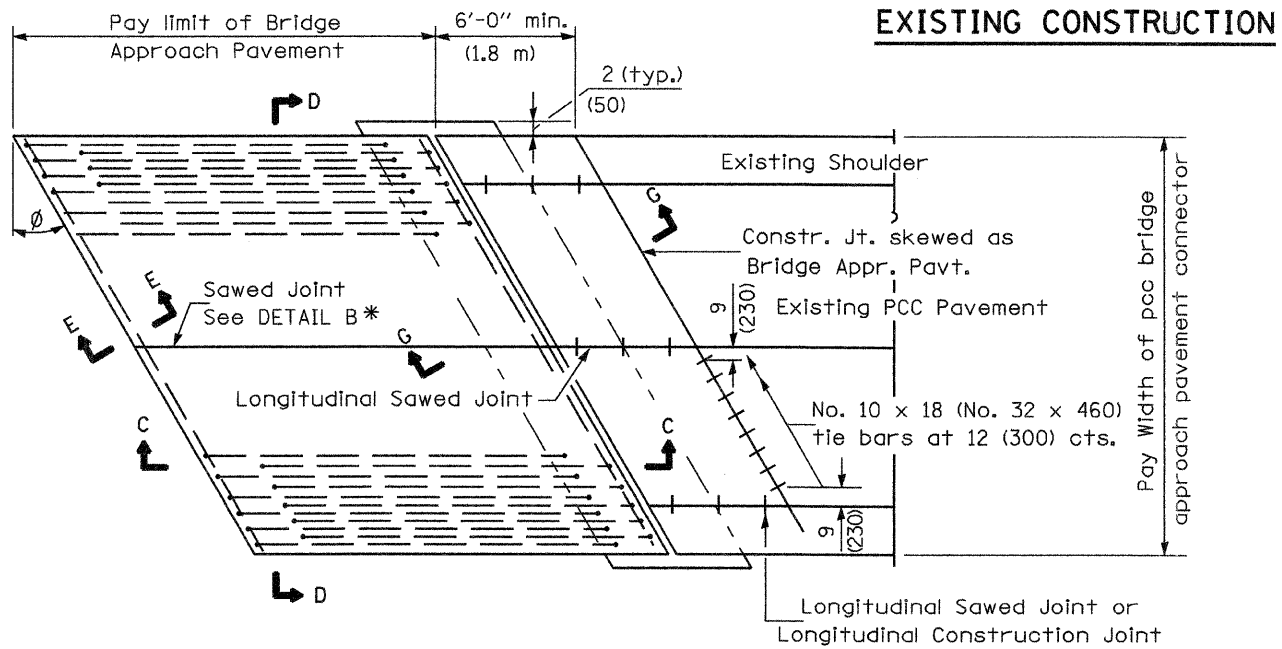
THICKNESS-"t"=Thickness of Pavement.
 See Standard 421001 for reinforcement details not shown.
 See Standard 420001 for joint details not shown.
 All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation
 APPROVED January 1, 2008
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 APPROVED January 1, 2008
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 ISSUED 1-1-07

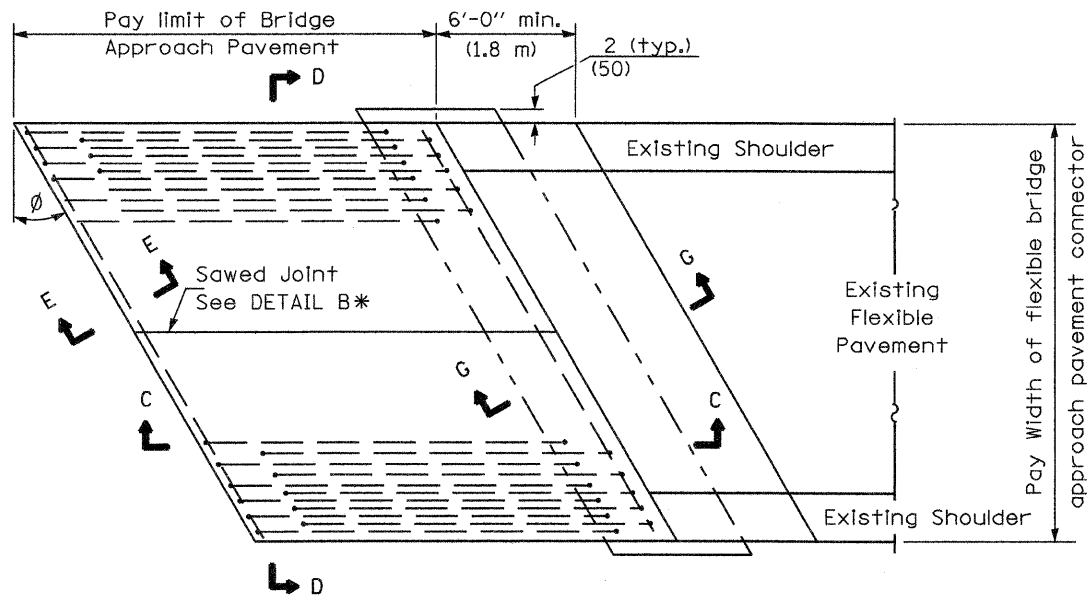
DATE	REVISIONS
1-1-08	Switched units to English (metric). Moved rebar epoxy coat note to Standard Spec.
1-1-04	Rev. size of Trans. Exp. Jt. and soft converted metric reinf.

BRIDGE APPROACH PAVEMENT
 (Sheet 1 of 4)
 Contract 74107
 Sheet 95A.

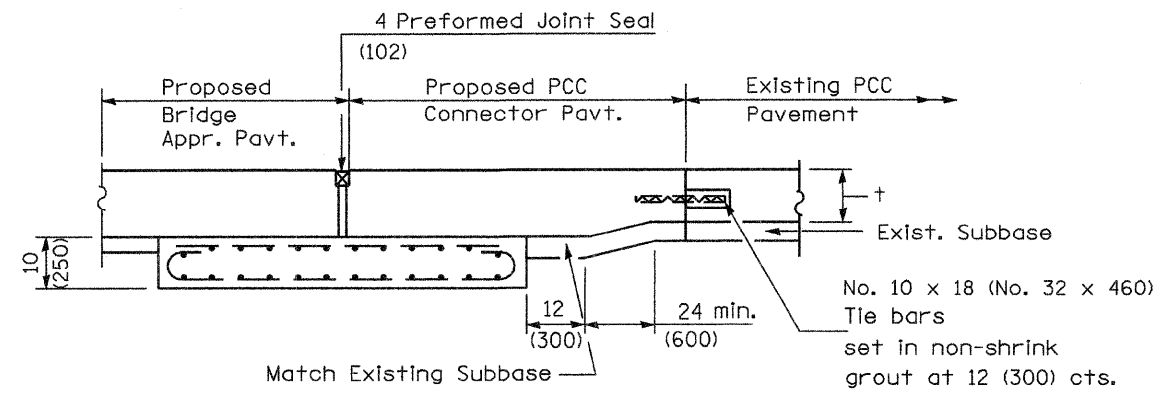
Added Sheet 12-31-08



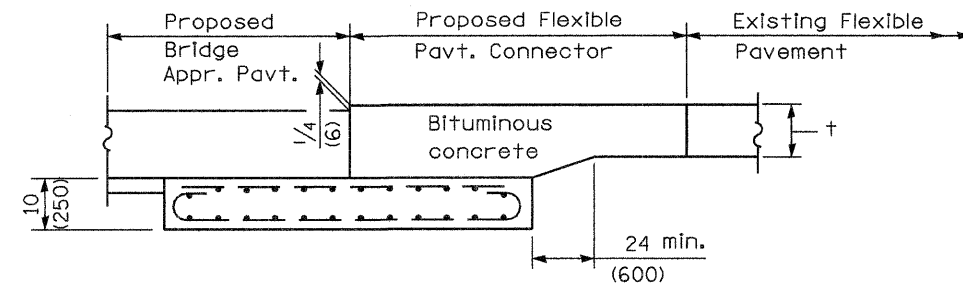
BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)



BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)



SECTION G-G - RIGID PAVEMENT



SECTION G-G - FLEXIBLE PAVEMENT

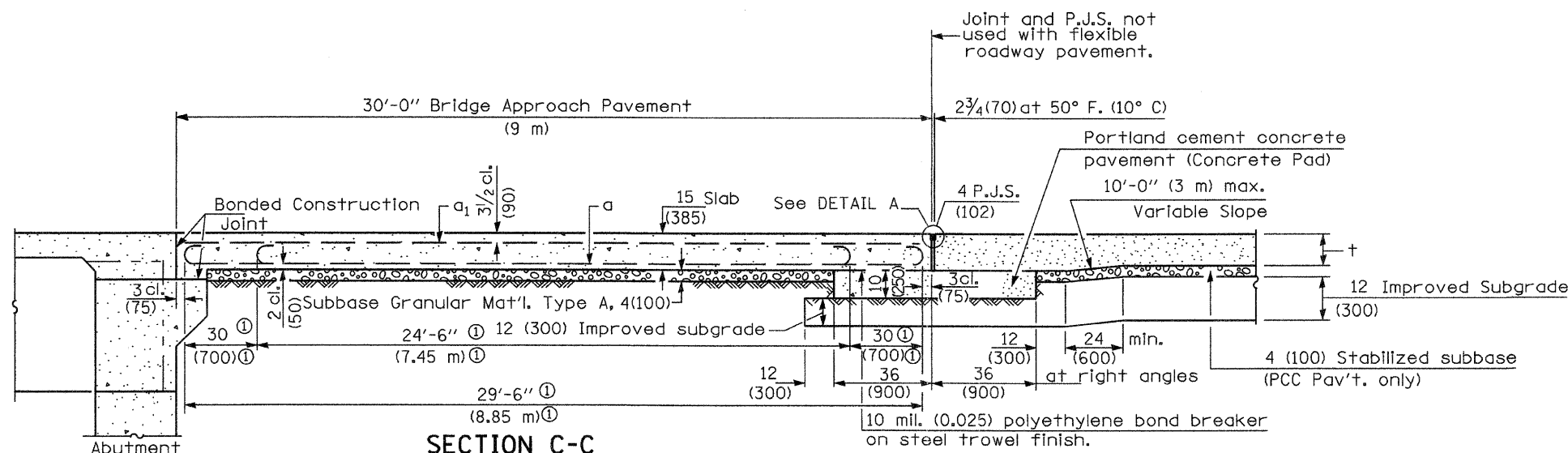
Illinois Department of Transportation
 APPROVED January 1, 2008
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ISSUED 1-1-97

BRIDGE APPROACH PAVEMENT

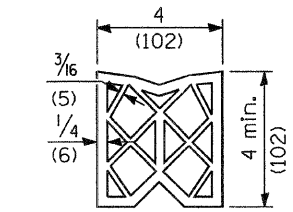
(Sheet 2 of 4)

Contract 74107 Sheet 95B.
 Added Sheet 12-31-08

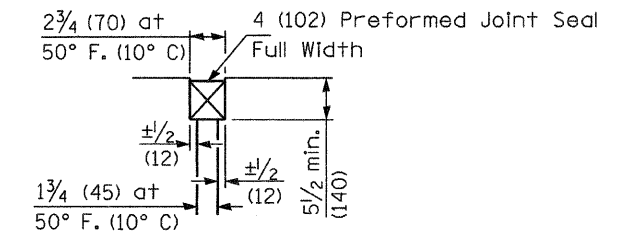


SECTION C-C

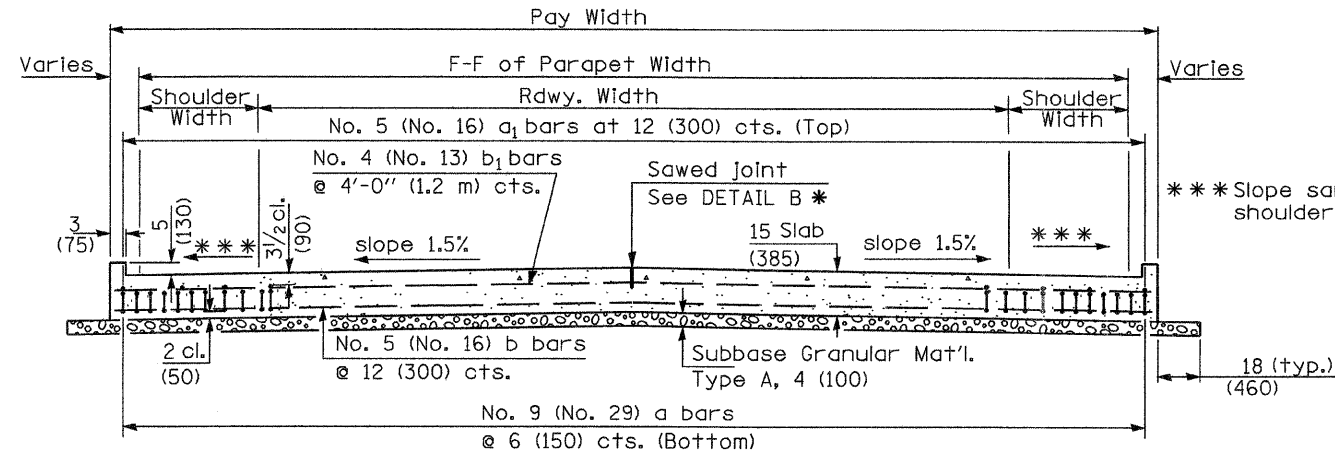
① Stagger No. 9 (No. 29) a bars as shown on plan - full width



PREFORMED JOINT SEAL



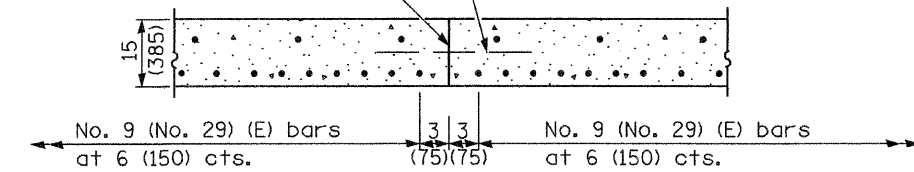
DETAIL A



SECTION D-D

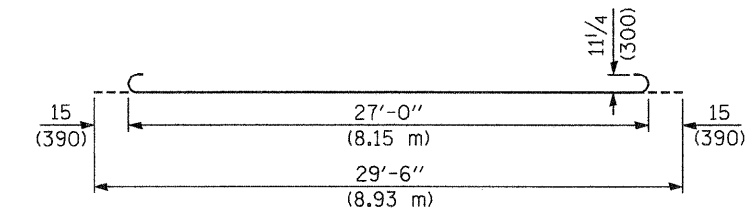
(See Plan for Dimensions not shown)

Longitudinal Construction Joint in accordance with details shown on Standard 420001.

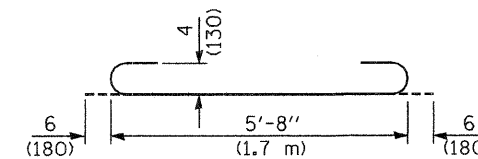


OPTIONAL LONGITUDINAL CONSTRUCTION JOINT

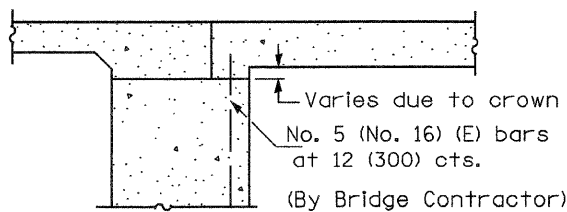
As approved by the Engineer, the Contractor may elect to reduce the widths of pour by use of the Optional Longitudinal Construction Joint shown. Joints shall be located at the edge of a traffic lane.



BAR a

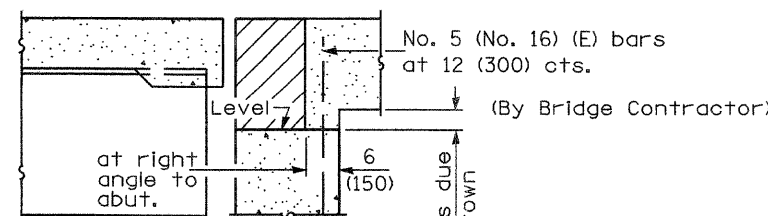


BAR a₂



SECTION E-E

(Integral Abutments)



SECTION E-E

(Jointed Abutments)

DESIGN STRESSES
 f_y = 60,000 p.s.i. (400 MPa)
 f'c = 3,500 p.s.i. (24 MPa)
 n = 8.5

BRIDGE APPROACH PAVEMENT

(Sheet 3 of 4)

Contract 74107

Sheet 95C.

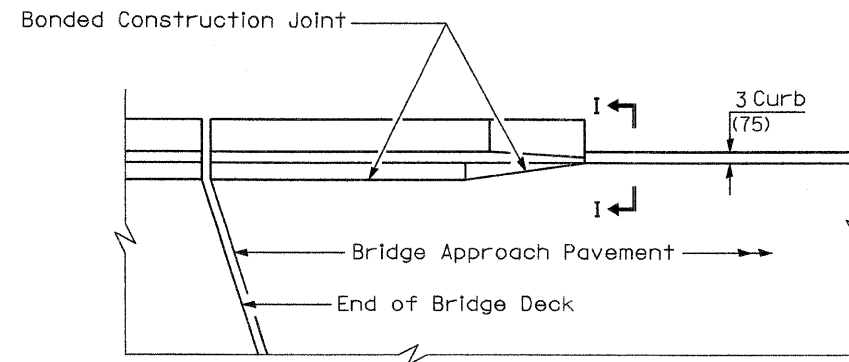
Added Sheet 12-31-08

Illinois Department of Transportation

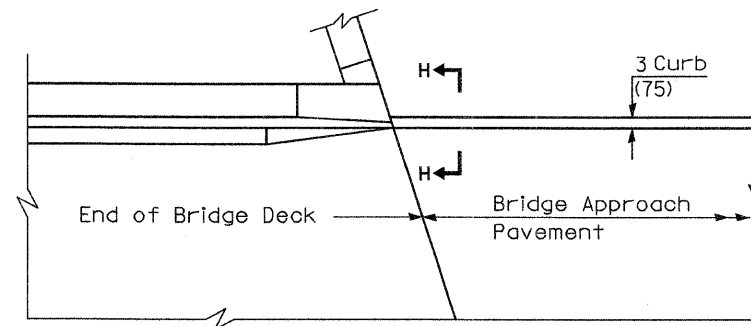
APPROVED January 1, 2008
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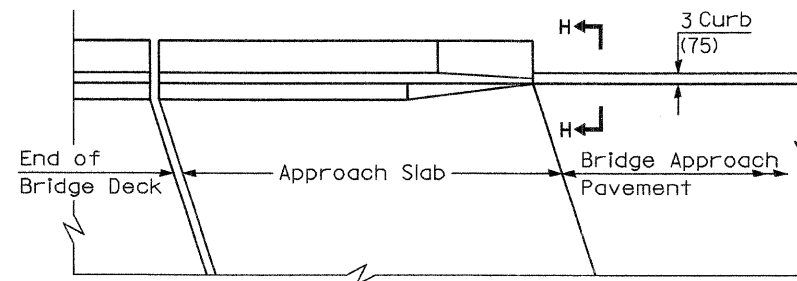
ISSUES 1-1-97



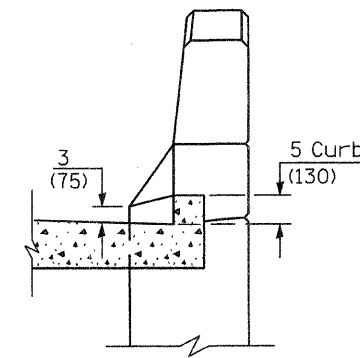
**PARAPET TO CURB TRANSITION
PILE BENT ABUTMENT**



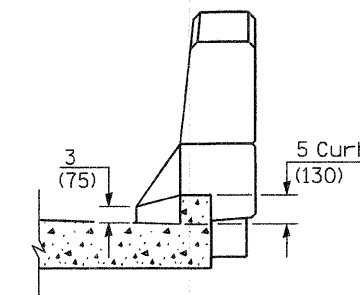
**PARAPET TO CURB TRANSITION
INTEGRAL ABUTMENT**



**PARAPET TO CURB TRANSITION
VAULTED ABUTMENT**



SECTION I - I



SECTION H - H

Illinois Department of Transportation
 APPROVED January 1, 2008
Ralph E. Anderson
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 APPROVED January 1, 2008
Ken E. Han
 ENGINEER OF DESIGN AND ENVIRONMENT
 ISSUED 1-1-97

BRIDGE APPROACH PAVEMENT

(Sheet 4 of 4)

Contract 74107

Sheet 95D.

Added Sheet 12-31-08