STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION **DIVISION OF HIGHWAYS**

DISTRICT ONE PROPOSED HIGHWAY PLANS

LOC. 1) FAP ROUTE 348: IL 43 NB (HARLEM AVE.) OVER CN & MWRD (SLUDGE) RR (SN 016-0314) LOC. 2) FAP ROUTE 358: TORRENCE AVE. OVER GRAND CAL. RIVER (SN 016-0934) SECTION: 2012-032 BR PCC DECK BEAM SUPPORTS COOK COUNTY C-91-388-12

> **SEE LOCATION MAPS** SHEETS 4 & 5

PROJECT ENGINEER ROBERT BORO (847) 705-4237 PROJECT MANAGER ISSAM RAYYAN

016-0314

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CONTRACT NO. 60T55

06-15-12 LETTING ITEM 102

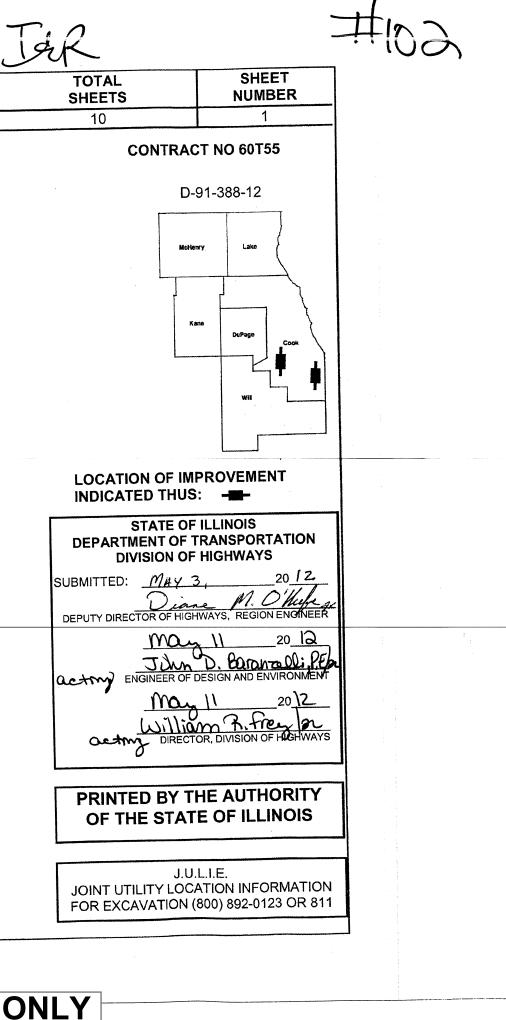
FOR INDEX OF SHEETS SEE SHEET 2

IMPROVEMENTS ARE LOCATED IN THE VILLAGES OF BURNHAM AND FOREST VIEW.

100% 01-04-2013

COUNTY SECTION ROUTE COOK 2012-032BR FAP 348 & 358

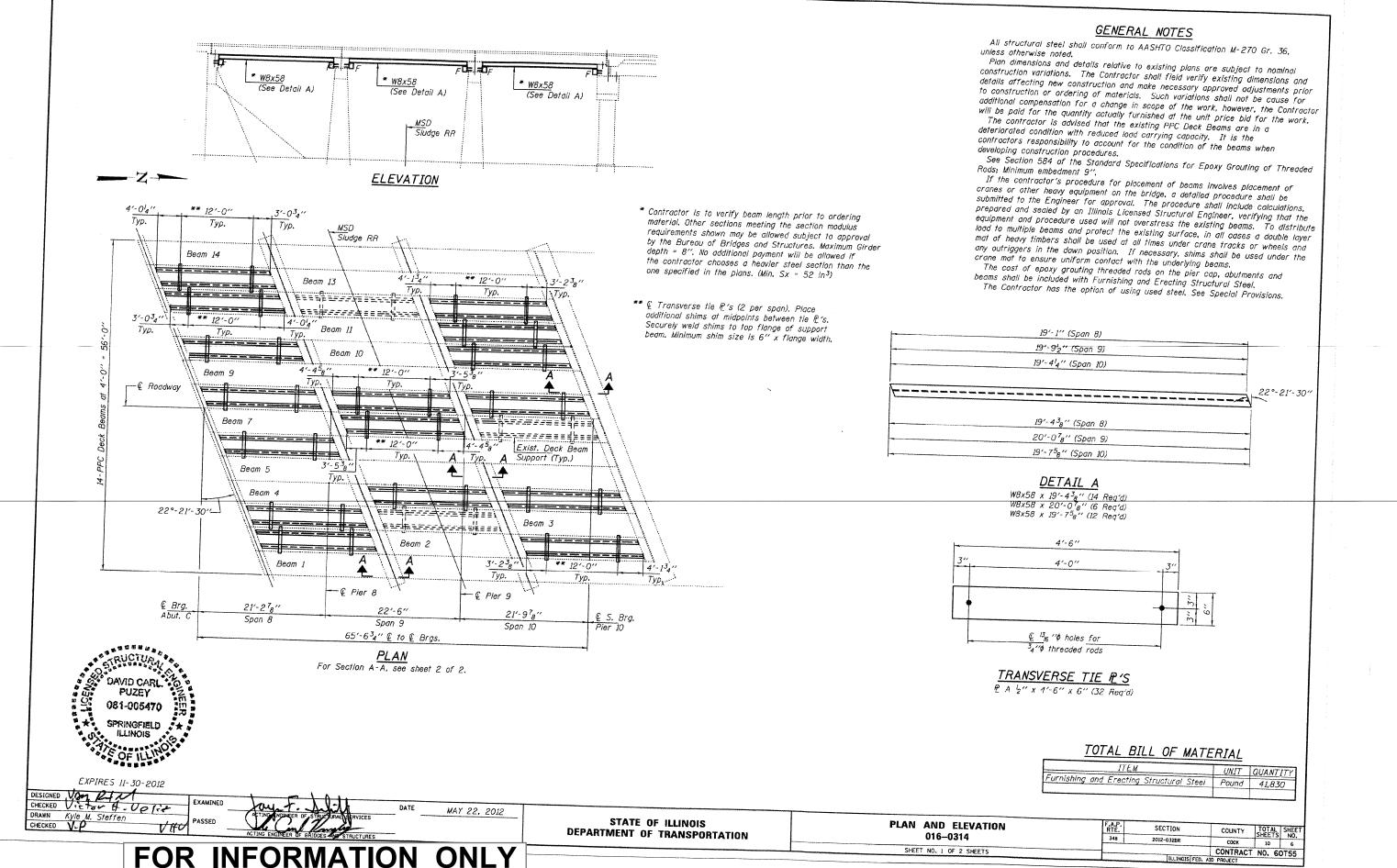
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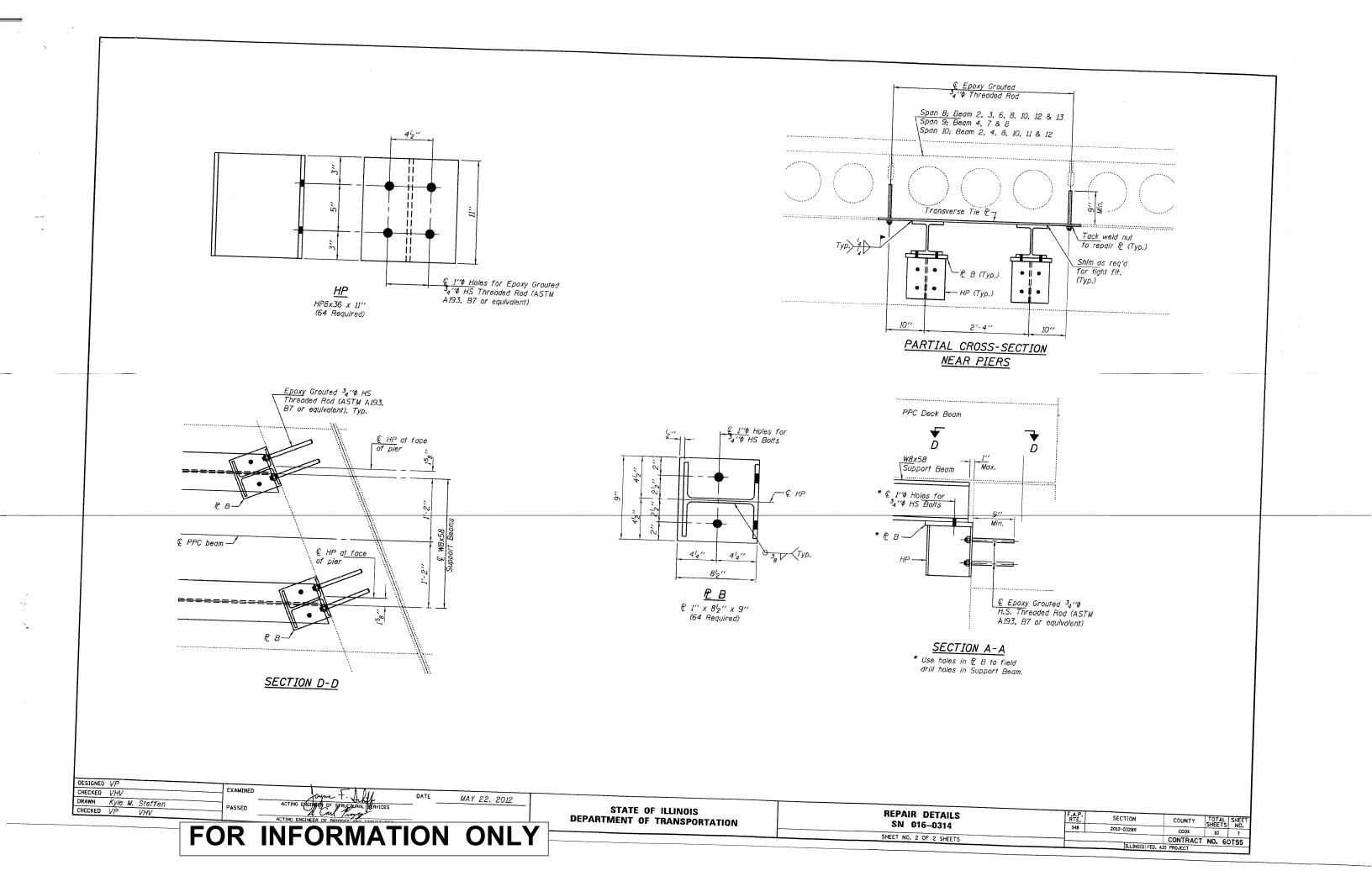
		ROUTE	SECTION	COUNTY	T SI
		FAP 348 & 358	2012-032BR	COOK	
	INDEX OF SHEETS			STATE STANDA	RDS
1	TITLE SHEET	701301 -	04 LANE CLOSU	RE, 2L, 2W, SHORT TIM	
2	INDEX OF SHEETS, STATE STANDARDS, GENERAL NOTES	701426 -	04 LANE CLOSU FOR SPEEDS	RE, MULTILANE, INTE	RMITTENT
3	SUMMARY OF QUANTITIES	701606 -		CLOSURE, MULTILANE	
4 – 5	LOCATION MAPS	701601-		CLOSURE, MULTILANE	
6 - 7	BRIDGE REPAIRS (SN 016-0314) LOCATION 1			SABLE MEDIAN	., 100 OK 200
8 - 9	BRIDGE REPAIRS (SN 016-0934) LOCATION 2	701901-	02 TRAFFIC CON	ITROL DEVICES	
10	ARTERIAL ROAD INFORMATION SIGN (TC-22)				
-0123 OF 48 HOUF	E STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL R 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHON R NOTIFICATION IS REQUIRED.	NE AND GAS UTILITIES.			
	NTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES E VILLAGE OF FOREST VIEW.	WITH UTILITY COMPA	NIES		
	NTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OF RTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT		ΓΑΤΕ		
	NTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC (1- 4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING V		R AT		
THESE I	PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM	BRIDGE INSPECTORS.			
	NTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO AB DURING THE CONSTRUCTION OF THIS PROJECT.	BUTTING PROPERTY AT	ALL		
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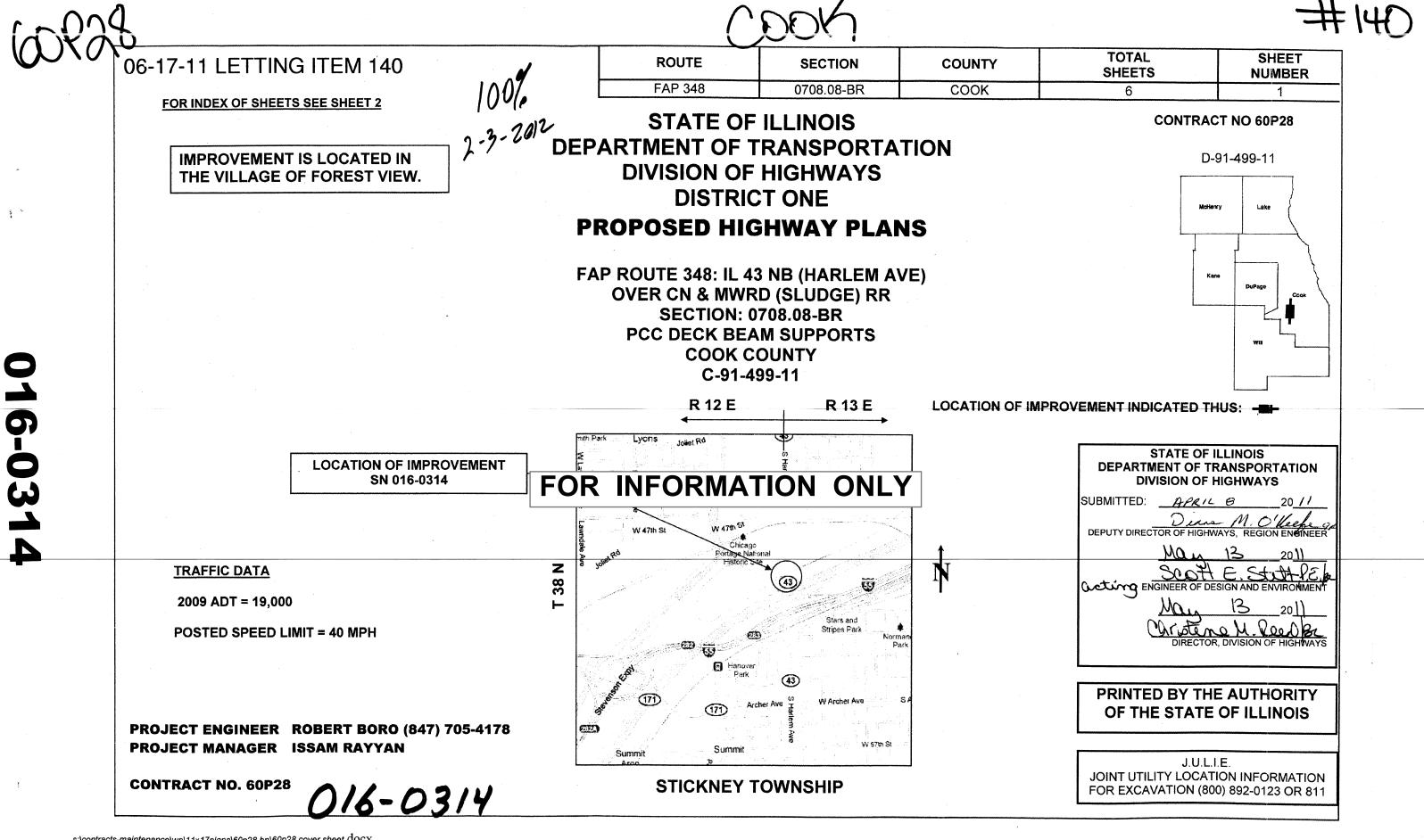
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TOTAL SHEETS	SHEET NUMBER	
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ROUTE	SECTION	COUNTY
FAP 348	0708.08-BR	COOK

INDEX OF SHEETS

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TITLE SHEET

1

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GENERAL NOTES

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

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF FOREST VIEW.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 741- 4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

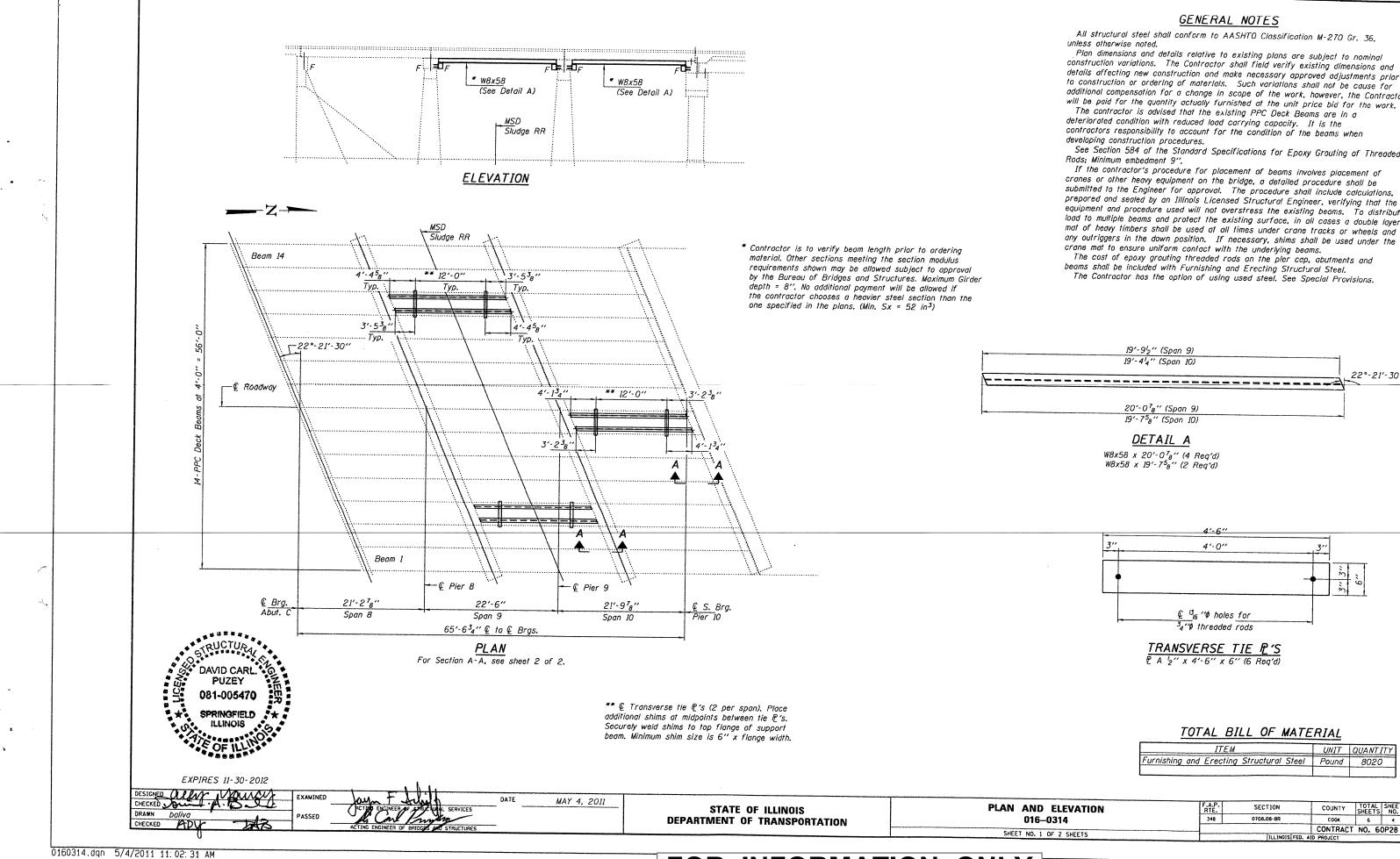
THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

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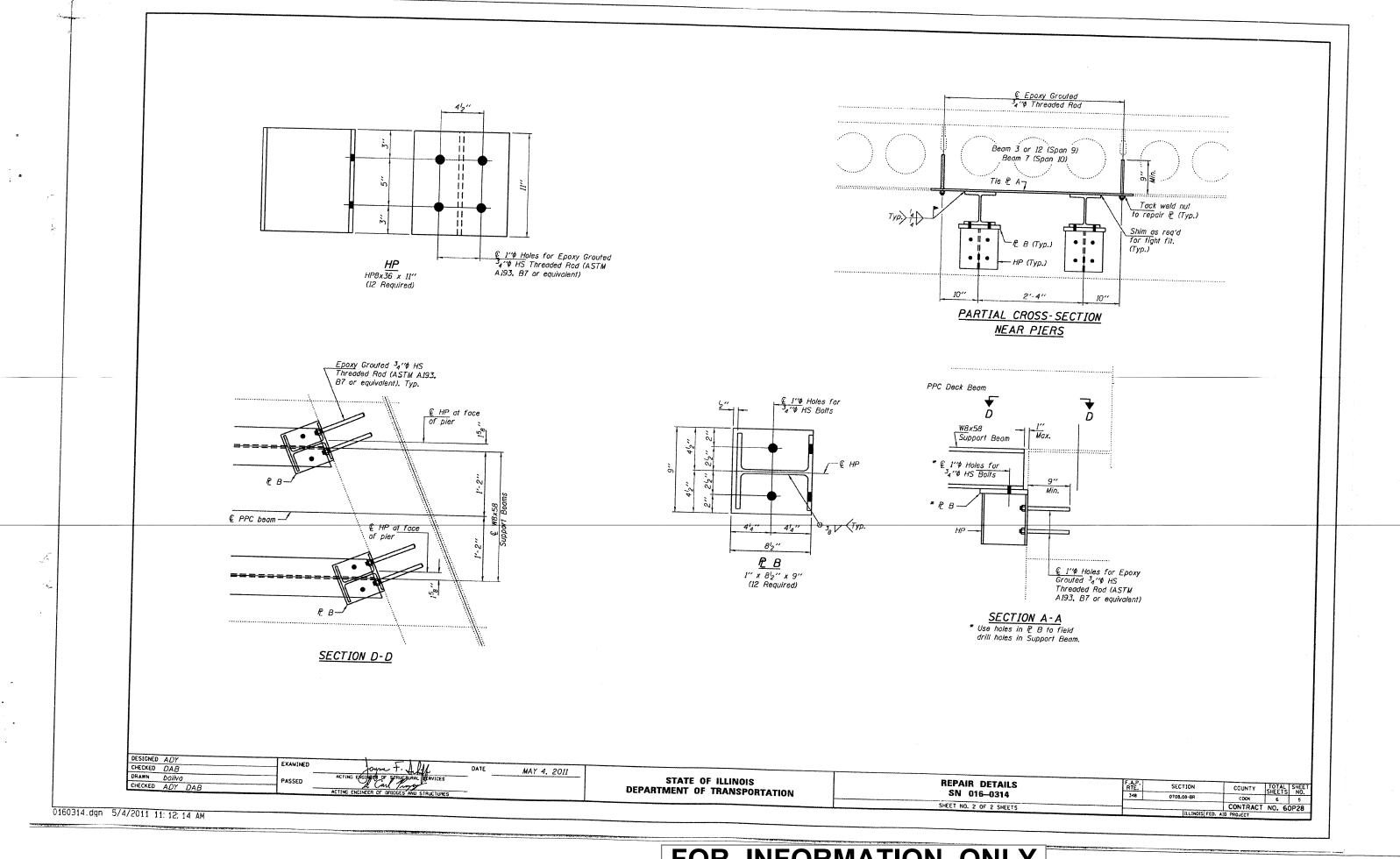
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3	0708.08-BR	COOK	6	2
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701601 -	07 URBAN LANE C	CLOSURE, MULTILANE ABLE MEDIAN	E, 1W OR 2W WITH	
701901 -	01 TRAFFIC CONT	ROL DEVICES		
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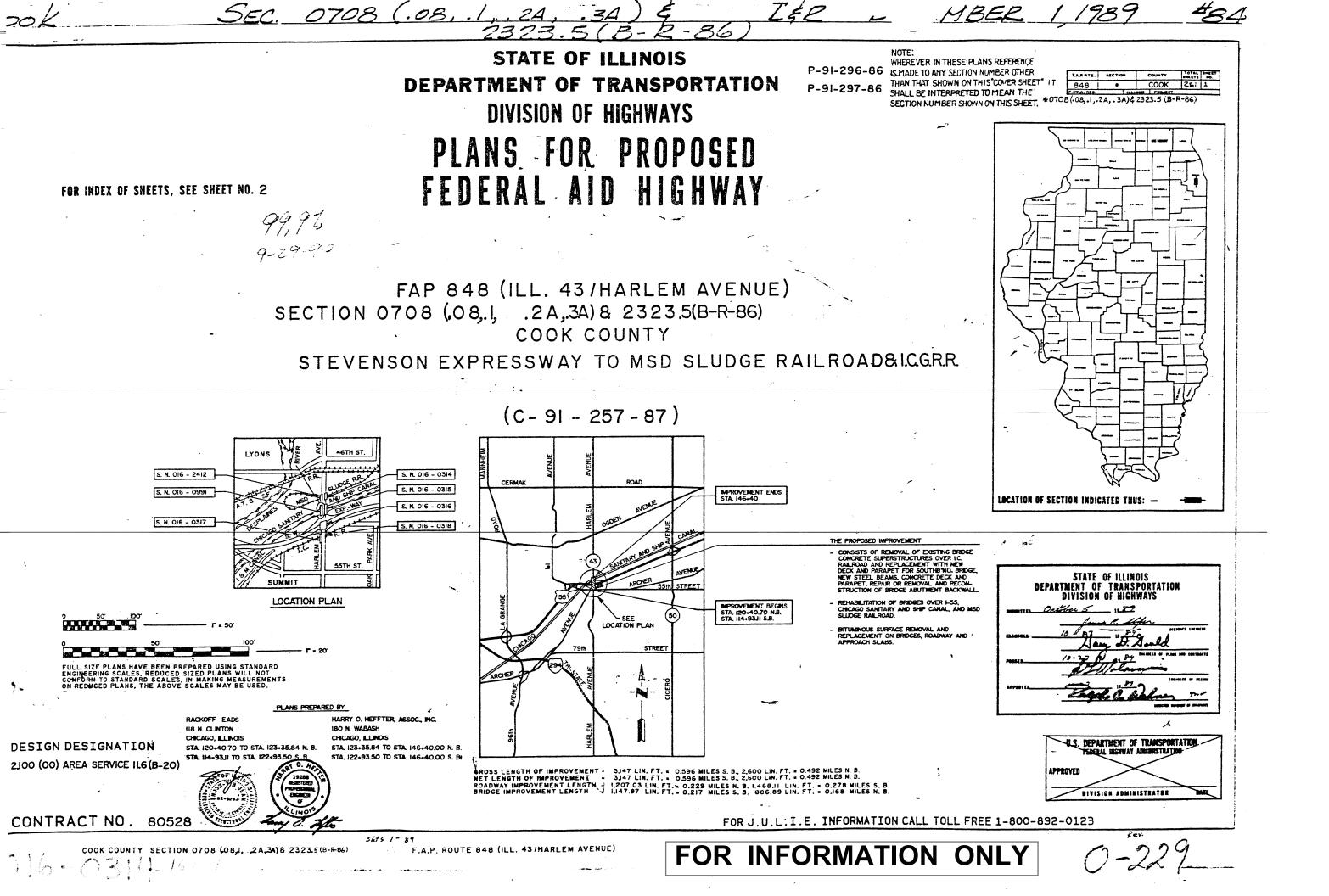


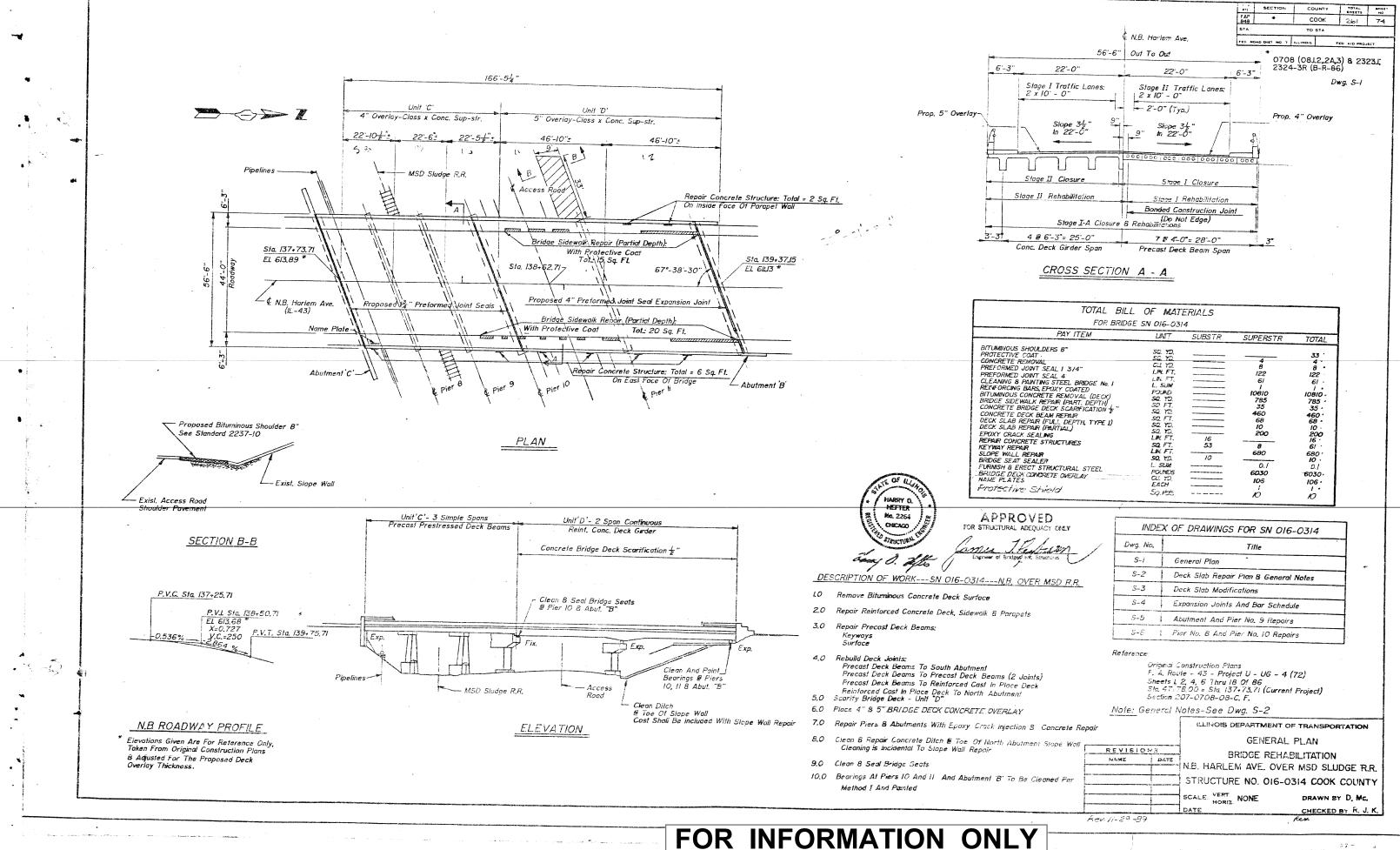


ІТЕМ	UNIT	QUANTITY
Furnishing and Erecting Structural Steel	Pound	8020

016-0314 348 0708.08-BR COOK 6 4 NO. 1 OF 2 SHEETS ILLINOIS/FED, ALD PROJECT CONTRACT NO. 60P28	AND ELEVATION	F.A.P. RTE.	SECTION	COUNTY	TOTAL	SHEE NO.
	016-0314	348	0708.08-BR	СООК	6	4
	NO. 1 OF 2 SHEETS		ILLINOIS FED. A		NO. 6	0P28

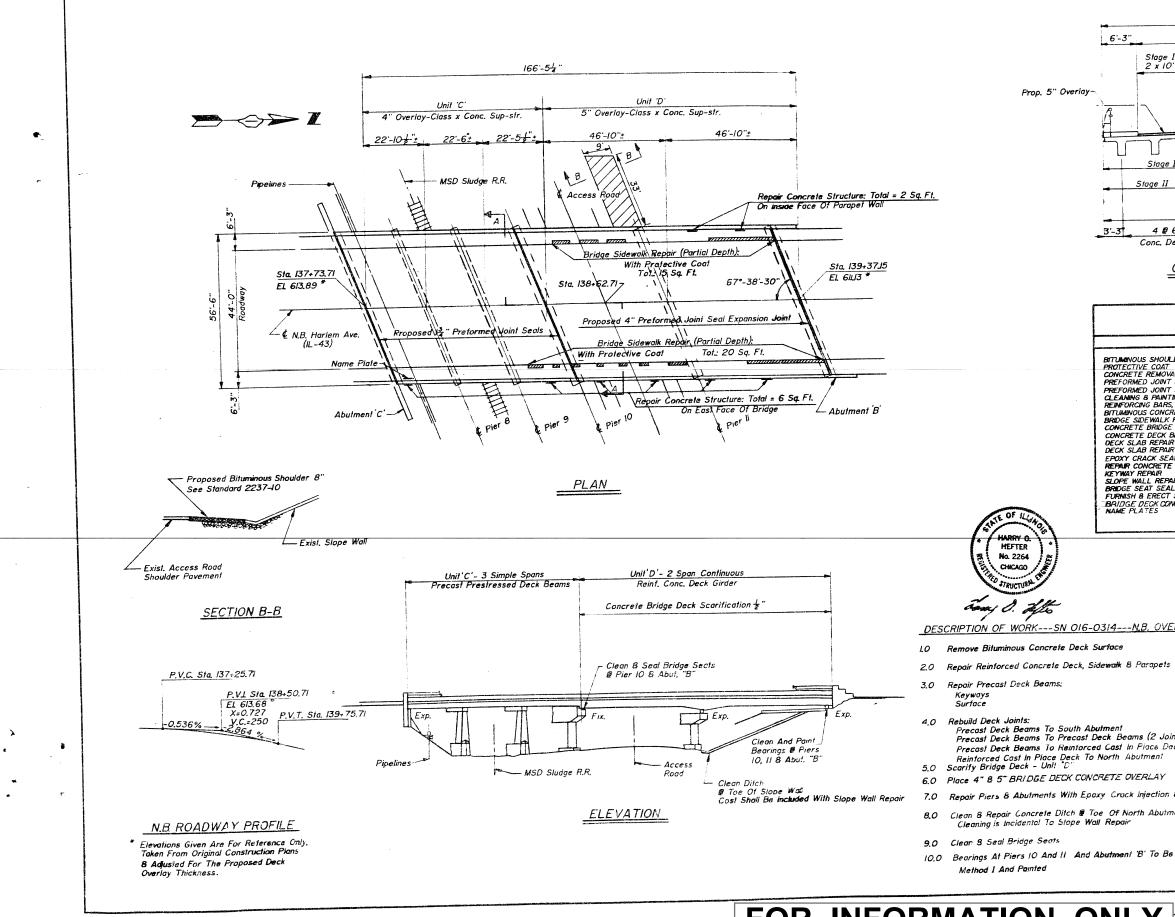






PAY ITEM	UNIT	SUBSTR	SUPERSTR	TOTAL
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S, EPOXY COATED	POURD		IOÉIO	10810.
RETE REMOVAL (DECK)	50. 10.		785	785 -
E DECK SCARIFICATION & "	SQ. FT.		35	35
BEAM REPAIR	SQ. YD.		460	460
R (FULL DEPTH, TYPE 1)	SQ. FT.		68	68 .
IR (PARTIAL)	50 YD.		10	10 .
ALING	50. YD.		200	200
E STRUCTURES	LAL FT.	16		16 ·
	SQ FT.	53	8	6 / ·
4.R	LK FT.	10	680	680 ·
LER	50. 10.	10		10 .
STRUCTURAL STEEL	L. SLM		0./	D.]
NORETE OVERLAY	POUMOS OU, YO,		6030	6030
	EACH		106	106 •
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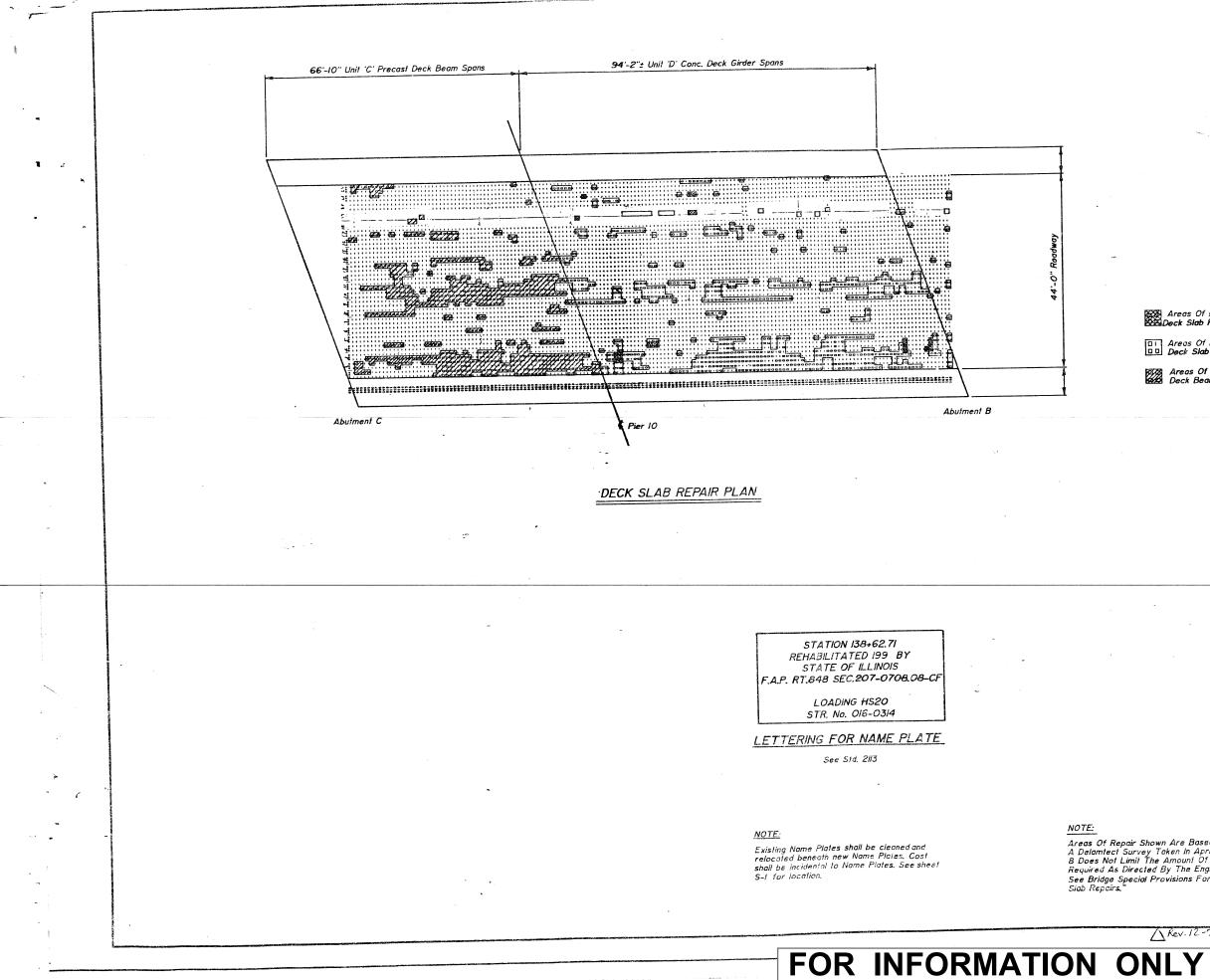
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Asien	Dwg. No.	Title			
The Structures	S-1	General Plan			
	5-2	Deck Slab Repair Plan & (Seneral Notes		
ER MSD R.R.	S- 3	Deck Slab Modifications			
	5-4	Expansion Joints And Bar	Schedule		
5	S-5	Abutment And Pier No. 9	Repairs		
	S-6	Pier No. B And Pier No. I	O Repairs		
	Reference				
ints) eck	F. X Sh e i Sh. Sect	mai Construction Flans - Roule - 43 - Project U - U ets L 2, 4, 6 Thru 18 Of 86 47:78:00 = Sta. 137+73;71 Kan 207-0708-08-C. F. rcl Notes-See Dwg. S-2	Current Project)		
8 Concrete Re	apair	ILLINOIS DEPARTM	ENT OF TRANSPORTATION		
reni Slope Wall		GEN	ERAL PLAN		
	REVISIONS NAME D	N.B. HARLEM AVE.	REHABILITATION OVER MSD SLUDGE R.R.		
Cleaned Per		STRUCTURE NO. (DIG-0314 COOK COUNTY		
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UNIT S0. YL CU. YL LIN F LIN F LIN F LSU POUNL S0. YL S0. YL S0. YL S0. YL S0. YL S0. YL S0. YL S0. YL LIN F S0. YL S0. YL LIN F LIN	SUBSTR 0.		4 8 122 61 1 10810 785 35 460 68 10 20 8 680 0.2	33 - 4 - 8 8 - 122 61 - 1 - 1 10810 785 35 - 460 68 - 10 20 20 16 - 6 61 60 60 10 - 0.2		- -
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	Out To Out 22' Stage II T. 2 × 10' - 0 - 2'-0" (T) - 5lope 9" In 22 - 5lope - 5lope - 6 - 6 - 7 & 4 Precast D N A - A	22'-0" Stage II Tratfic Lanes: 2 × 10' - 0" - 2'-0" (Typ.) Slope 3'+" 9" In 22'-0" Stage I Closure Stage I Closure Stage I Rehabilitation Bonded Construction Je (Do Not Edge) 8 Rehabilitations 7 # 4-0"= 28-0" Precast Deck Beam Spo	N.B. Harlem Ave. Out To Out 22'-0" 6'-3 Stage II Traffic Lanes: 2 x 10' - 0" - 2'-0" (Typ.) Slope 34" 9" In 22'-0" Stage I Closure Stage I Closure Stage I Rehabilifation Bonded Construction Joint (Do Not Edge) 8 Rehabilifations 7 # 4-0"= 28'-0" Precast Deck Beam Span N A - A	N.B. Harlem Ave. N.B. Harlem Ave. Out To Out 22'-0'' $6'-3''$ 2324 $22'-0''$ $6'-3''$ 2324 $22'-0''$ $6'-3''$ 2324 2324 2324 3224 2324 3224	N.B. Harlem Ave. N.B. Harlem Ave. Out To Out 22'-0'' 5'-3'' Stage II Traffic Lanes: $2 \times 10' - 0''$ -2'-0'' (Typ.) 9'' In 22'-0'' 9'' In 22'-0'' $5lope 3\frac{1}{2}$ 9'' In 22'-0'' $5lope 3\frac{1}{2}$ $5lope 3\frac{1}{2}$ 9'' In 22'-0'' $5lope 3\frac{1}{2}$ $5lope 3\frac{1}{2}$ 9'' In 22'-0'' $5lope 3\frac{1}{2}$ $5lope 3\frac{1}{2}$ 5lope 1 Rehabilitation Bonded Construction Joint (Do Not Edge) $8 Rehabilitations7 \notin 4'-0'= 28'-0''7 # 4'-0'= 28'-0''7 # 4'-0'= 28'-0''7 # 4'-0'= 28'-0''7 # 4'-0'= 28'-0''7 # 4'-0'= 28'-0''7 # 4'-0'= 28'-0''7 # 4'-0'= 28'-0''7 # 4'-0'= 28'-0''7 # 4'-0'= 28'-0''$	N.B. Harlem Ave. N.B. Harlem Ave. Out To Out Out To Out Out To Out Out To Out Orobe (OB.12, 2A, 3) B 23 $22'-0''6'-3''2224-3R (B-R-86)2324-3R (B-R-86)2324-3R (B-R-86)2324-3R (B-R-86)Dwg. S-1Stage II Tratfic Lanes: 2 \times 10' - 0''-2'-0'' (Typ.)Prop. 4'' Overlay9'' In 22'-0''Stage I ClosureStage I ClosureStage I RehabilitationBonded Construction Joint(Do Not Edge)8 Rehabilitations7 \notin 4-0'' = 28'-0''3'''Precast Deck Beam SpanN A - A$

	S-6	Pie	r No. 8 And Pier No. 10 Rep	pairs	
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2 Joints) ce Deck ent	F. Shi Sto Sto	A. Rous eats I. 47+7 ction 2	onstruction Plans le - 43 - Project U - UG - 4 2, 4, 6 Thru 18 0f 86 8,00 - 5ta, 137+73.71 (Curra 07-0708-08-C. F.		
LAY	<u>Note:</u> Gen	erai N	lotes-See Dwg. S-2	OF TRANSPORTATION	-
ction 8 Concrete Repair				L PLAN	
Abutment Slope Well	REVISION			ABILITATION	
To Be Cleaned Per	NAME	DATE	N.B. HARLEM AVE. OV STRUCTURE NO. 016		
			SCALE: VERT NONE	DRAWN BY D. MC. CHECKED BY R. J. K	ζ.
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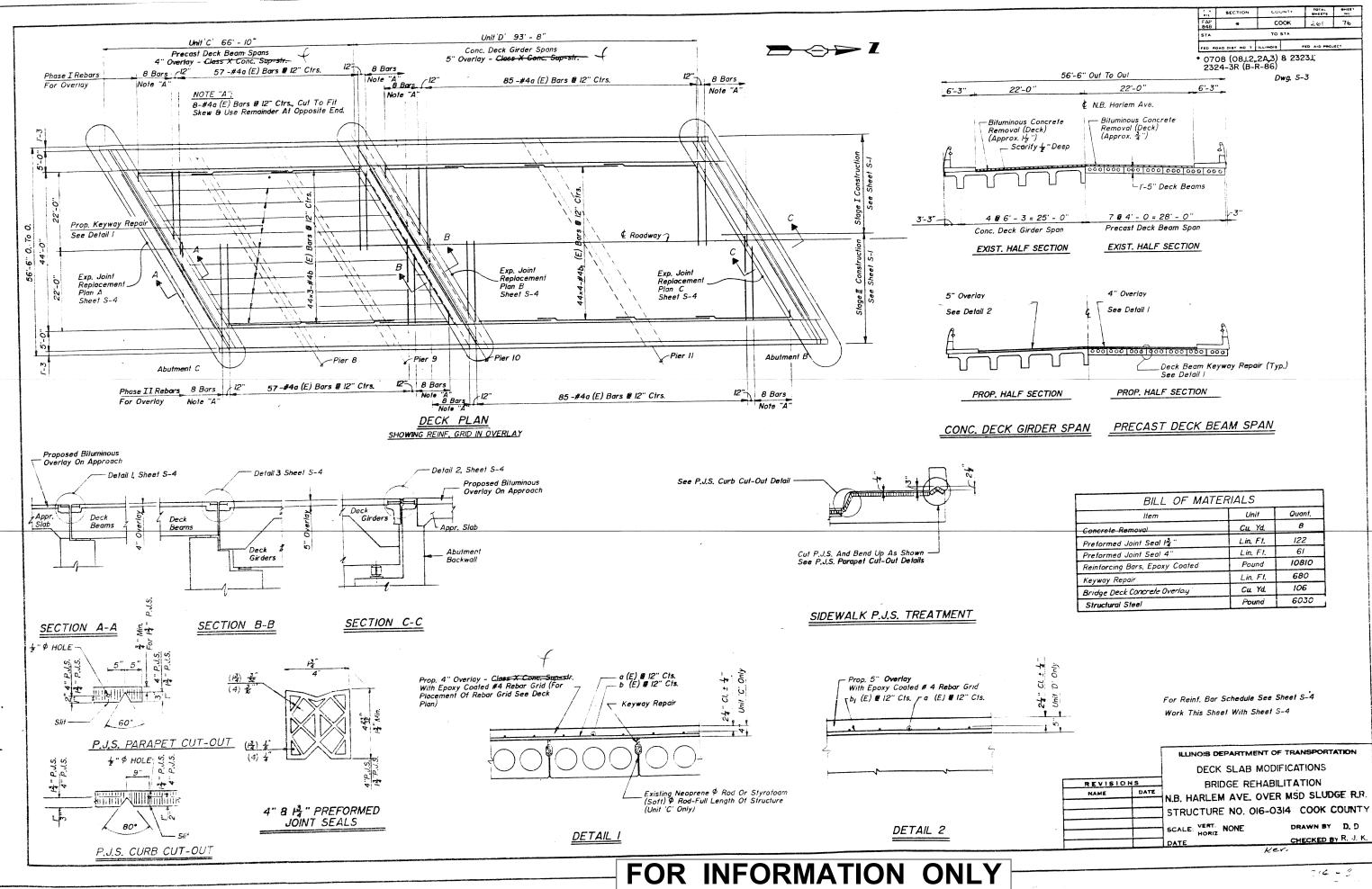
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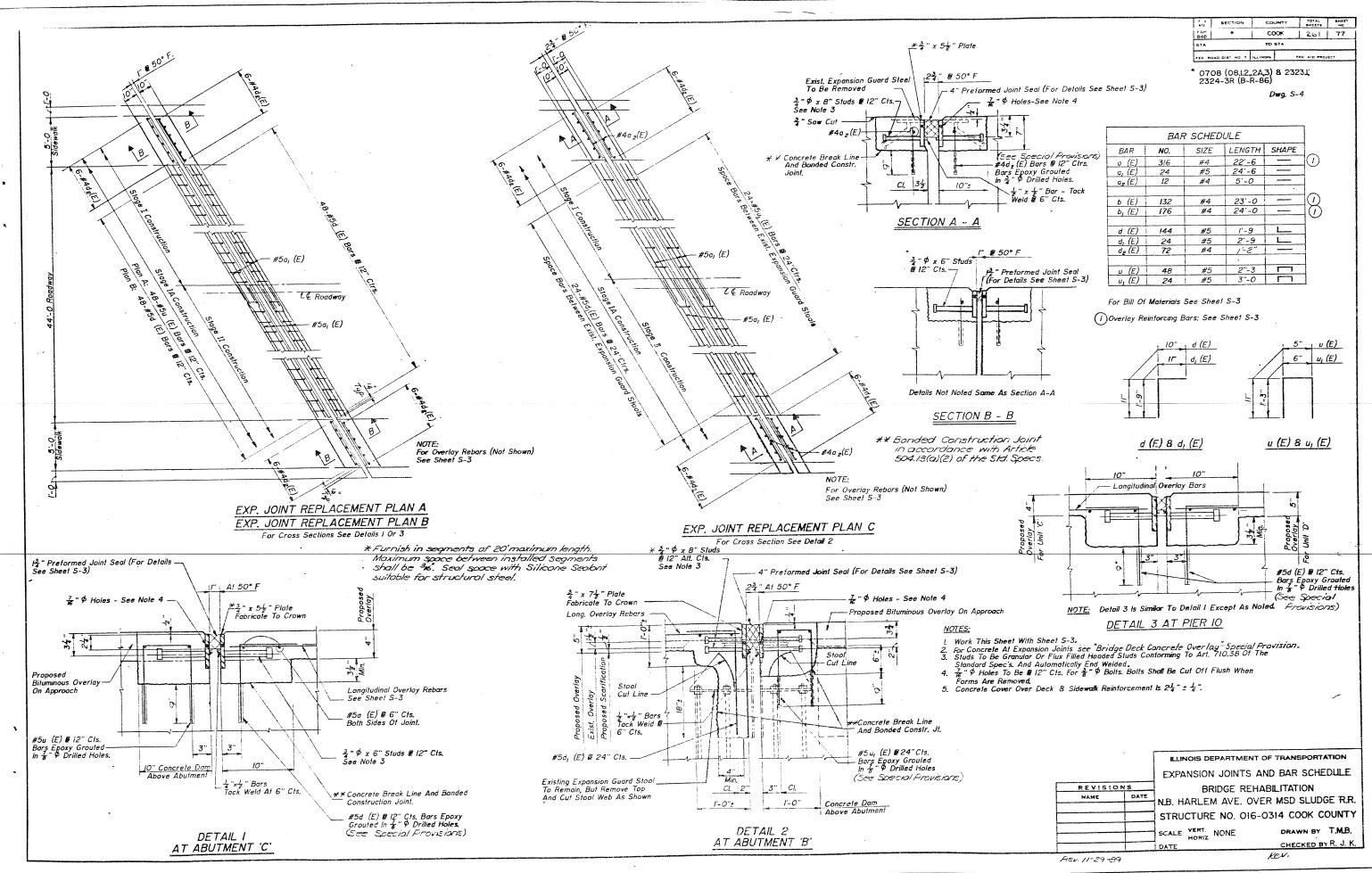


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Repair-Typ	ve i	Deck Slab Repair (Full Depth, Type I)	-+		200	ЧЖ.	
	,,	Deck Steb Repair (Partial)	-+-	Sq. Yd.		18	
Partial Dej Repair	pîh	Concrete Deck Beam Repair	-+	Sq. Ft.	68	18	9
,		Bituminous Conc. Removal (Deck)	_	Sq. Yd.	785	1 12	2
Concrete		Conc. Bridge Deck Scarification (1/2")	$- \downarrow$	Są. Yd.	460	40	
m Repair		Name Plates		Each	1		
		· ·					
		() For Unit D, Deck Girder Spans Or	ıly.				
		(2) For Unit C, Deck Beam Spons Onl	lv.				
GEN	ERAL	NOTES:					
Λ,	Cal	culated weight of Structural Steel =	60	30 pounds			
Δ_{1}		nt shall be Lead and Chromate Free Al				ior shall	be
2.	Lig	ght Grey - Munsell # 10Y 7/L See S)	000	cial prov	13/21 25.		
З.	Rei or	nforcement bars shall conform to the M-53 Grade 60.	e 1	equirement	s of AASHT	0 M-31	. ::4.
4.	Sloj W4	oe wall shall be reinforced with weld 1.0, weighing 58 lbs. per 100 sq. ft.	ed	wire fabric	, 5 ^{°°} x θ [*]	- W4.0	x
. 5.	Pia	n dimensions and details relative to	exi	sting struc	ture have i	been tion	
,	ta	ken from existing plans and are sub	yeci s re	(to nomin esnonsibility	to verify	such	
,		mensions and details in the field CDC	1 7	ake neces	sury approv	ruu -	
	aa	justments prior to construction or o	rde	ring of ma	ation for a	icii n chanae	e in
	va th	riations shall not be cause for usan e scope of the work, however, the C antity actually furnished at the unit	Con	tractor will	be paid fo	or the	
6.	Pro Me	ptective Coat shall not be applied to embrane System is applied.	su	ríaces to :	which Wate	rproofin g	t
		otective shield shall be furnished, in	ata	lad and b	ter remov	ed to m	otect
7.	Pr	cotective Shield shall be turnished, in cess Road vehicular and Railroad i	raf	Fic.tromt	alling male	rials.	
	(So	e Special Praneras)	2				
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පි.	B	ridge Seat Sealer =426.2 S	G. 1	1.			

		1	ILLINOIS DEPARTMENT	OF TRANSPORTATION	
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	REVISION	5	BRIDGE REHABILITATION		
	NAME	DATE	N.B. HARLEM AVE. OVI	ER MSD SLUDGE R.R.	
			STRUCTURE NO. 016-	0314 COOK COUNTY	
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			HORIZ.	CHECKED BY R. J. K.	
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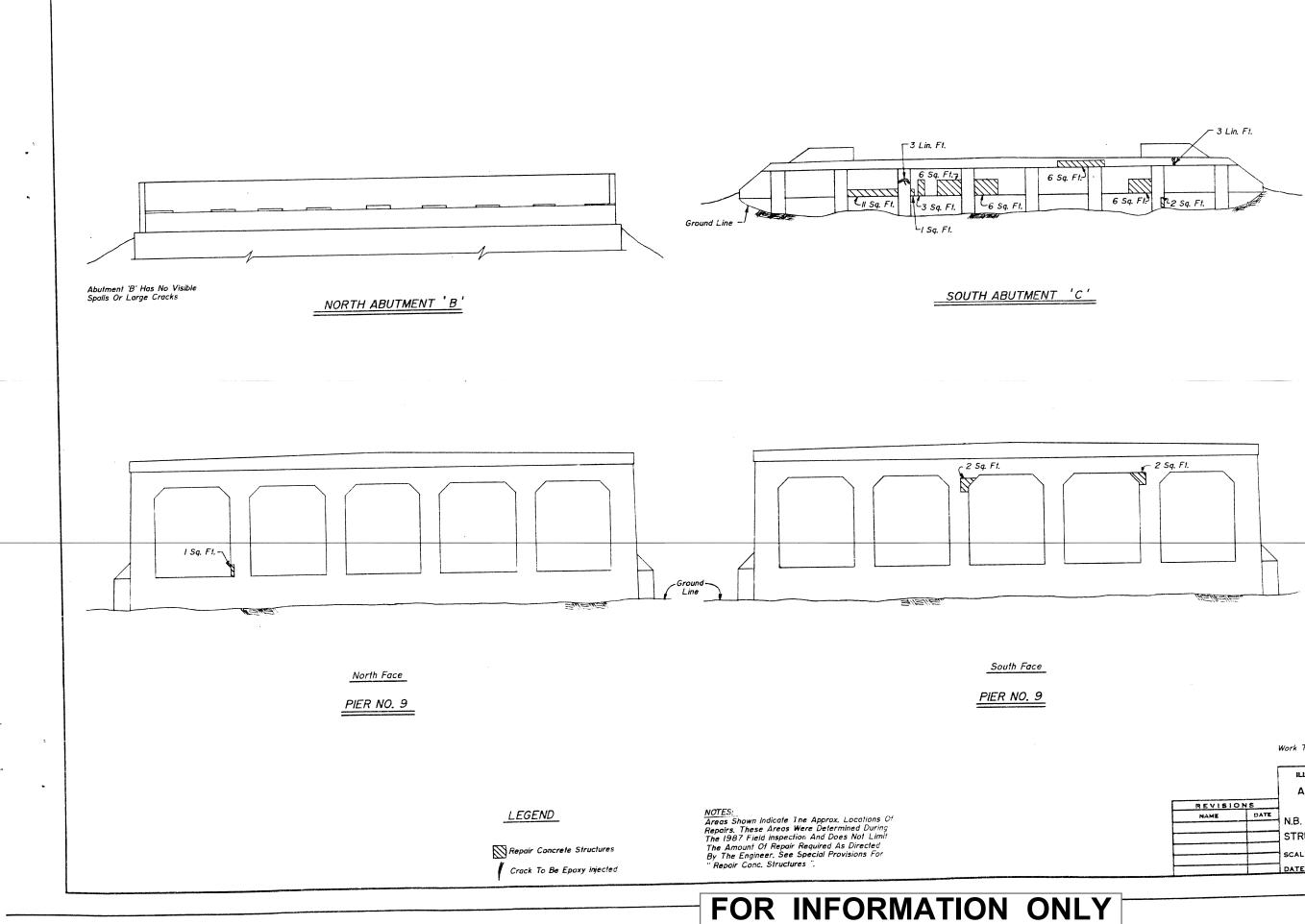
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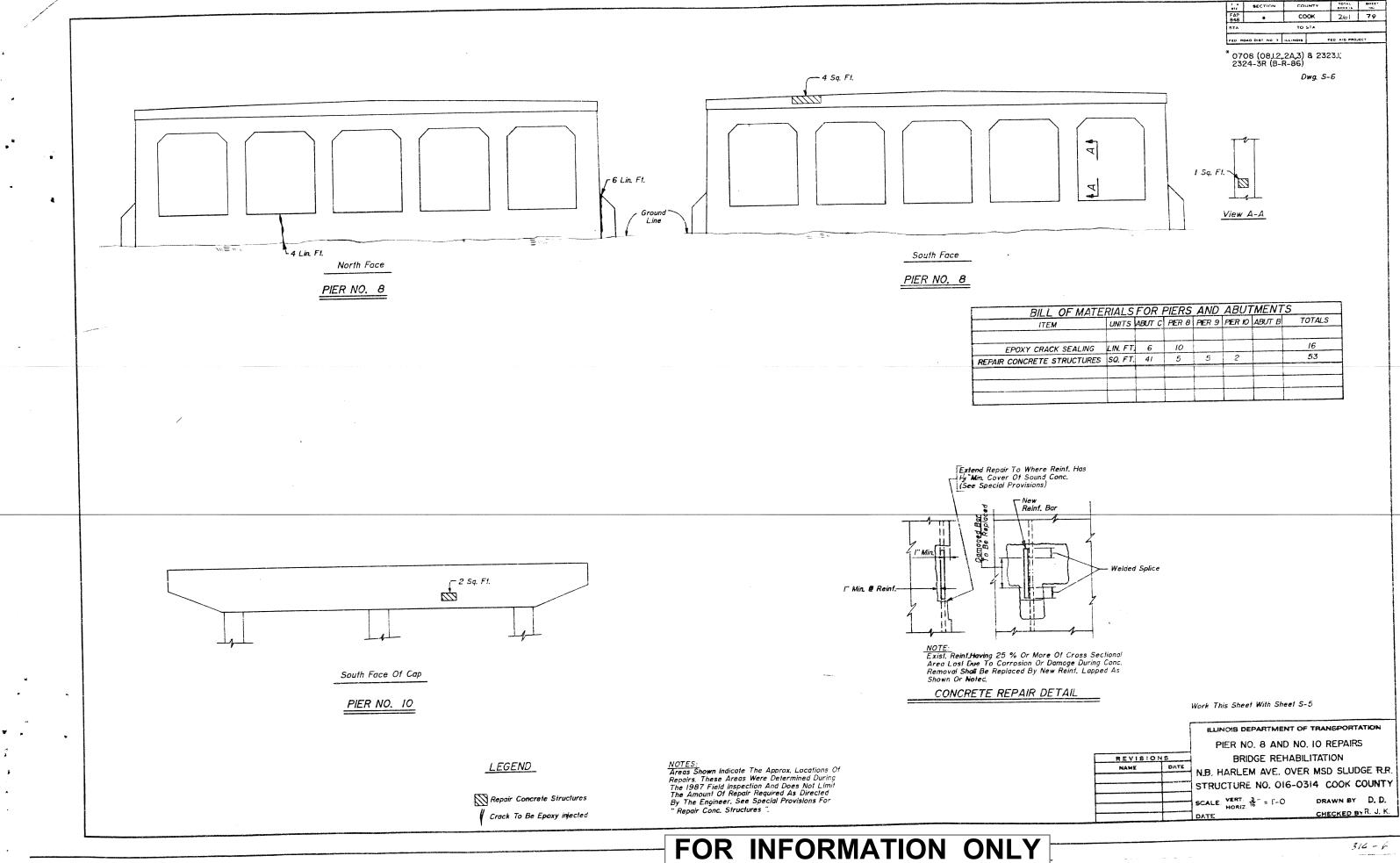
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Work This Sheet With Sheet S-6

		ILLINOIS DEPARTMENT OF TRANSPORTATION				
		ABUTMENT AND PIER NO. 9 REPAIRS				
REVISION	S	BRIDGE REHABILITATION				
NAME	DATE	N.B. HARLEM AVE. OV	ER MSD SLUDGE R.R.			
		STRUCTURE NO. 016-				
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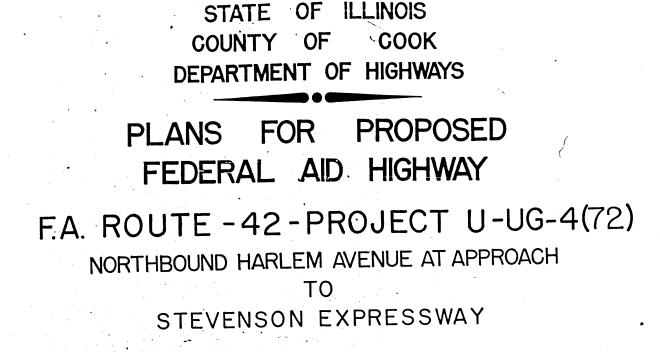
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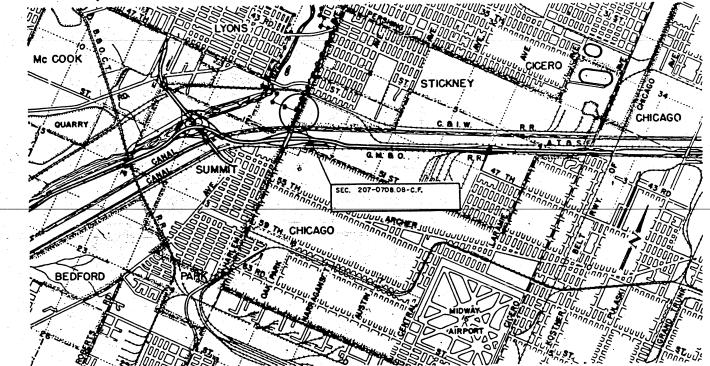
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		ILLINOIS DEPARTMENT OF TRANSPORTATION					
		PIER NO. 8 AND NO. 10 REPAIRS					
REVISION	5	BRIDGE REHABILITATION					
NAME	DATE	N.B. HARLEM AVE. OVER MSD SLUDGE R.R.					
		STRUCTURE NO. 016-0314 COOK COUNTY					
		SCALE VERT. 3 = 1-0 DRAWN BY D. D.					
		DATE CHECKED BYR. J. K.					



SECTION 207-0708.08-C.F.



NET LENGTH TO BE IMPROVED 1,736.21 FT. = 0.329 MILES

STANDARD SYMBOLS

PROJECT DESCRIPTION

SECTION 207-0708.08-C.F. INCLUDES: REMODELING OF EXISTING SUBSTRUCTURE OF HARLEM AVENUE BRIDGE OVER THE SANITARY DISTRICT SLUDGE TRACKS, AND CONSTRUCTION OF A PRECAST, PRESTRESSED CONCRETE BOX-BEAN DECK, THREE SIMPLE SPANS, AND LENGTHENING THIS BRIDGE BY ADDITIONAL TWO SPANS WITH REINFORCED CONCRETE T-BEAMS, SLAB AND SUBSTRUCTURE BETWEEN STATIONS 47 + 78.00 AND 42+ 41.44 ON & NORTHBOUND ROADWAY.

ALSO INCLUDED IN THIS SECTION - REPAIRS TO COLD BASCULE BRIDGE | HARLEM AVE. STRUCTURE OVER CHICAGO SANITARY AND AND SHIP CANAL AND RECONSTRUCTION OF APPZOACH SPANS TO BASCULE BRIDGE. ALSO INCLUDED IN THIS SECTION IS THE GRADING, DRAINAGE

AND PAVING OF NORTHBOUND HARLEM AVENUE AND ALL OTHER COLLATERAL WORK.

> DESIGN SPEED 45 M.P.H.

DESIGN DESIGNATION 3801 (1987)-TSI-11.15 (PCC-2C)

> -----(F) ---------CENTER LINE OF CONSTRUCTION SONSTRUCTION JOINT TRAVELED WAT *********** CONTRACTOR JUNT CONTRACTAL JOINT VALVE VAULT (V), METER VAULT (M), MAND HOLE (M) HOUSE WETER VAULT FIRE HTDRANT LIGHT STANDARD TRAFFIC SIGNAL ----UPPALO BOX (643 OR WATER SHUT-OFF) TROLLET POLI ELEPHONE OR TELEGRAPH POLE

STATE LINE COUNTY LINE SECTION, TOWNSHIP, OR BRANT LIN TRAVERSE LINE RAILROAD, OR UTILITY TRACKS PROPOSED PROFILE FENCE (BARBED WIRE) FENCE (NO DISTINCTION) R D.W. PROPOSED

EXISTING PROPERTY OR R. O W. LINE

BUARD POSTS

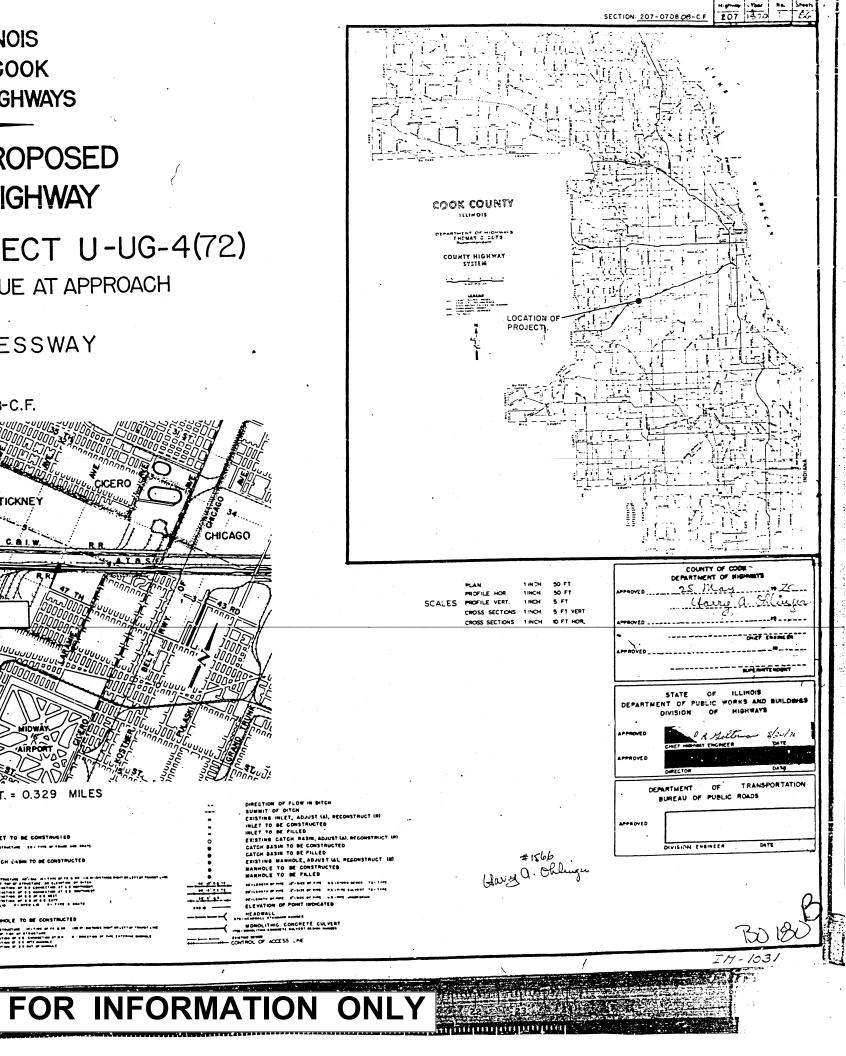
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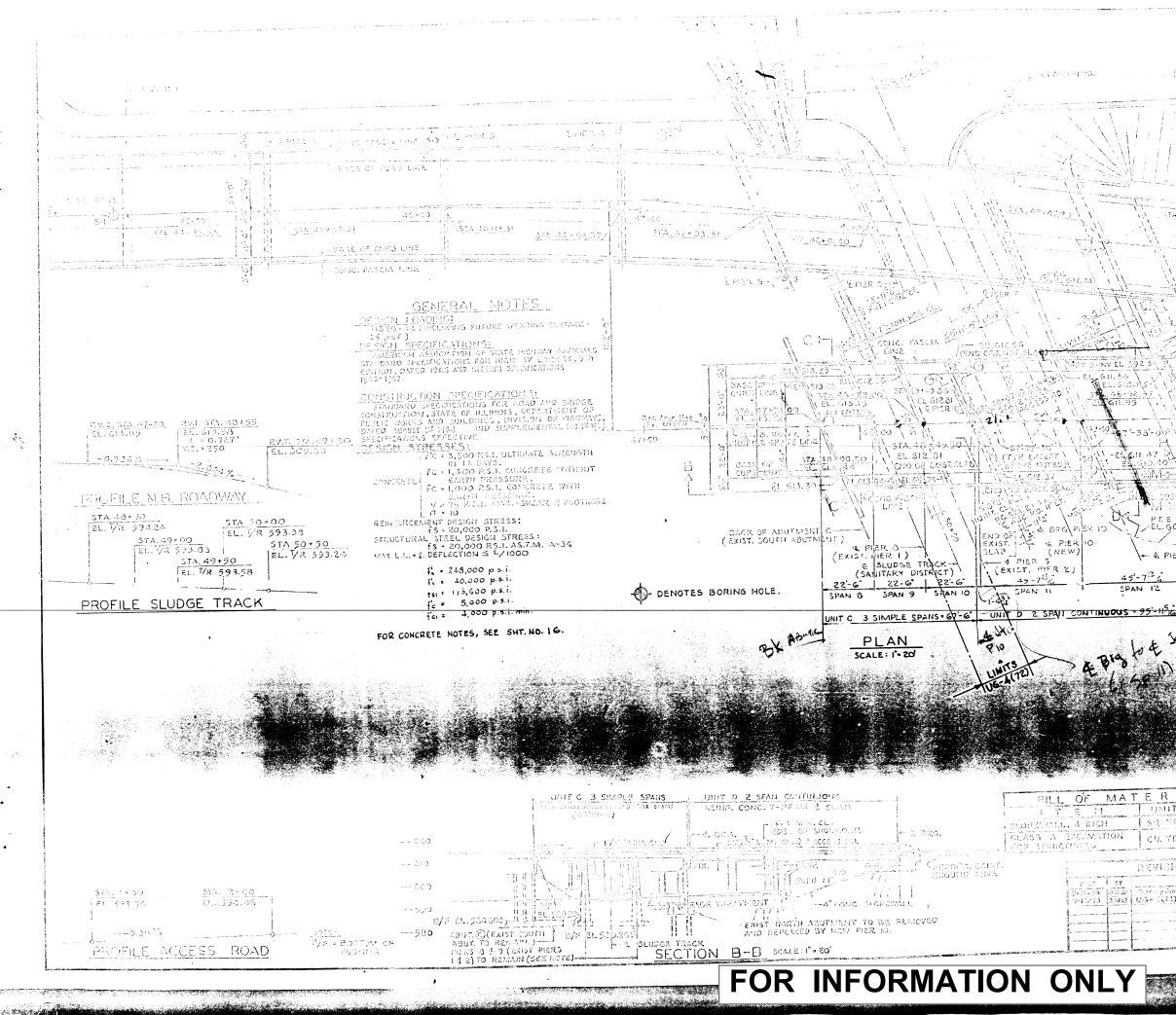
STREAM

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	SUMMIT OF DITCH
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-	INLET TO BE CONSTRUCTED
-	INLET TO BE FILLED
•	EXISTING CATCH BASH, ADJUST (A), RECONSTRUCT (R)
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•	CATCH BASH TO BE CONSTRUCTED
•	CATCH BASIN TO BE FILLED
	EXISTING MANHOLE, ADJUST IAL RECONSTRUCT IN
	MANHOLE TO BE CONSTRUCTED
	MANHOLE TO BE FILLED
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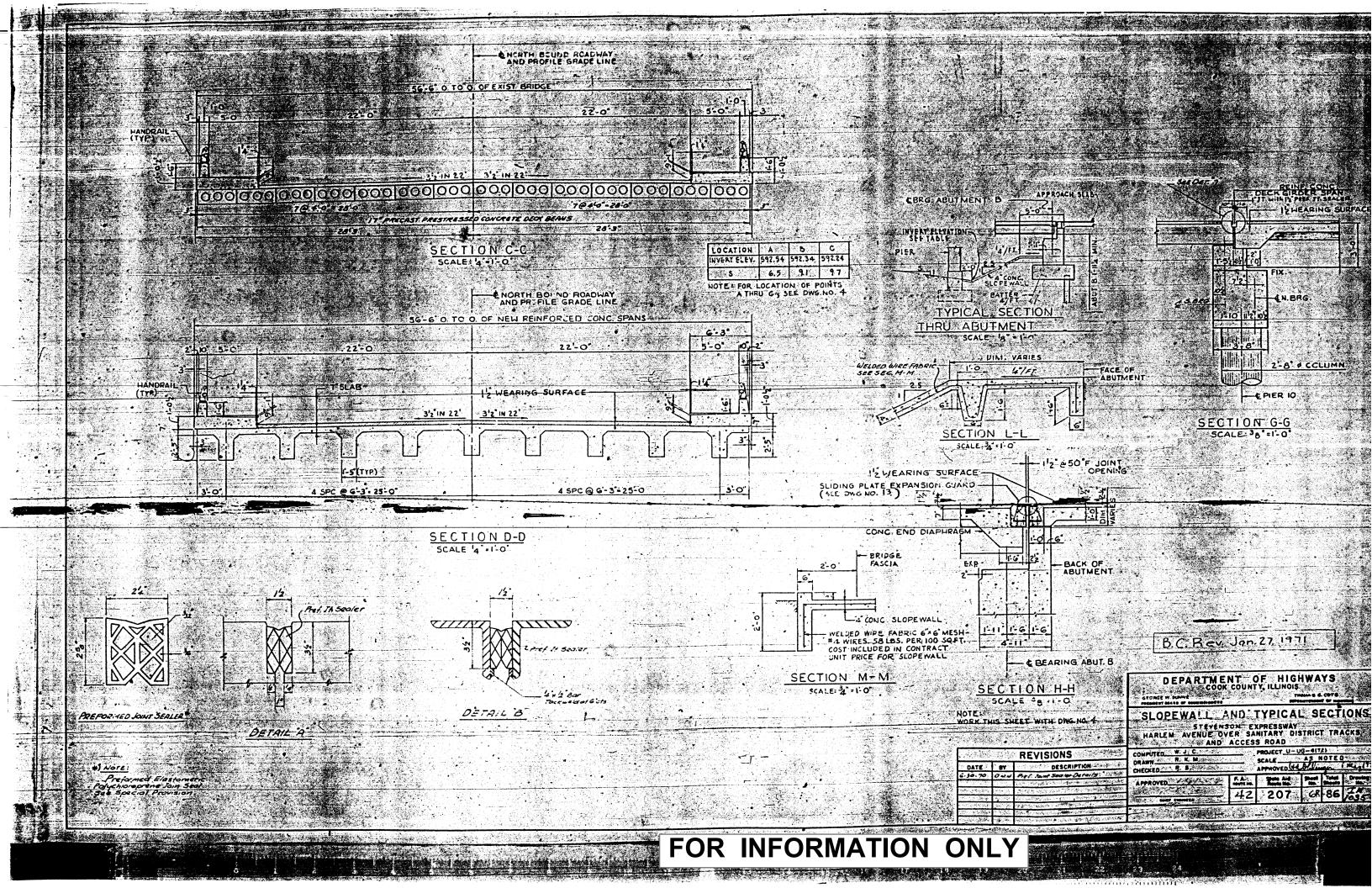
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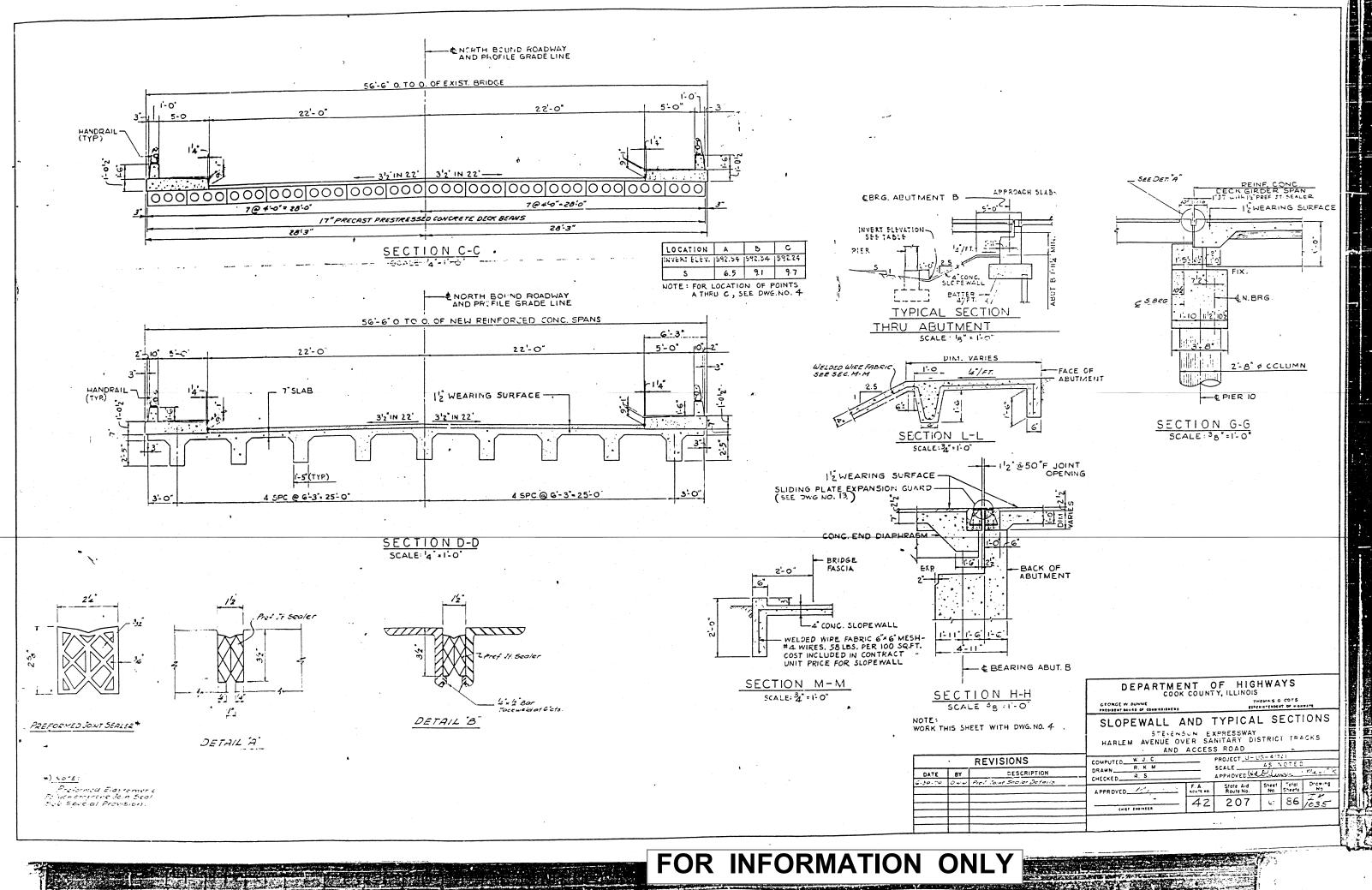


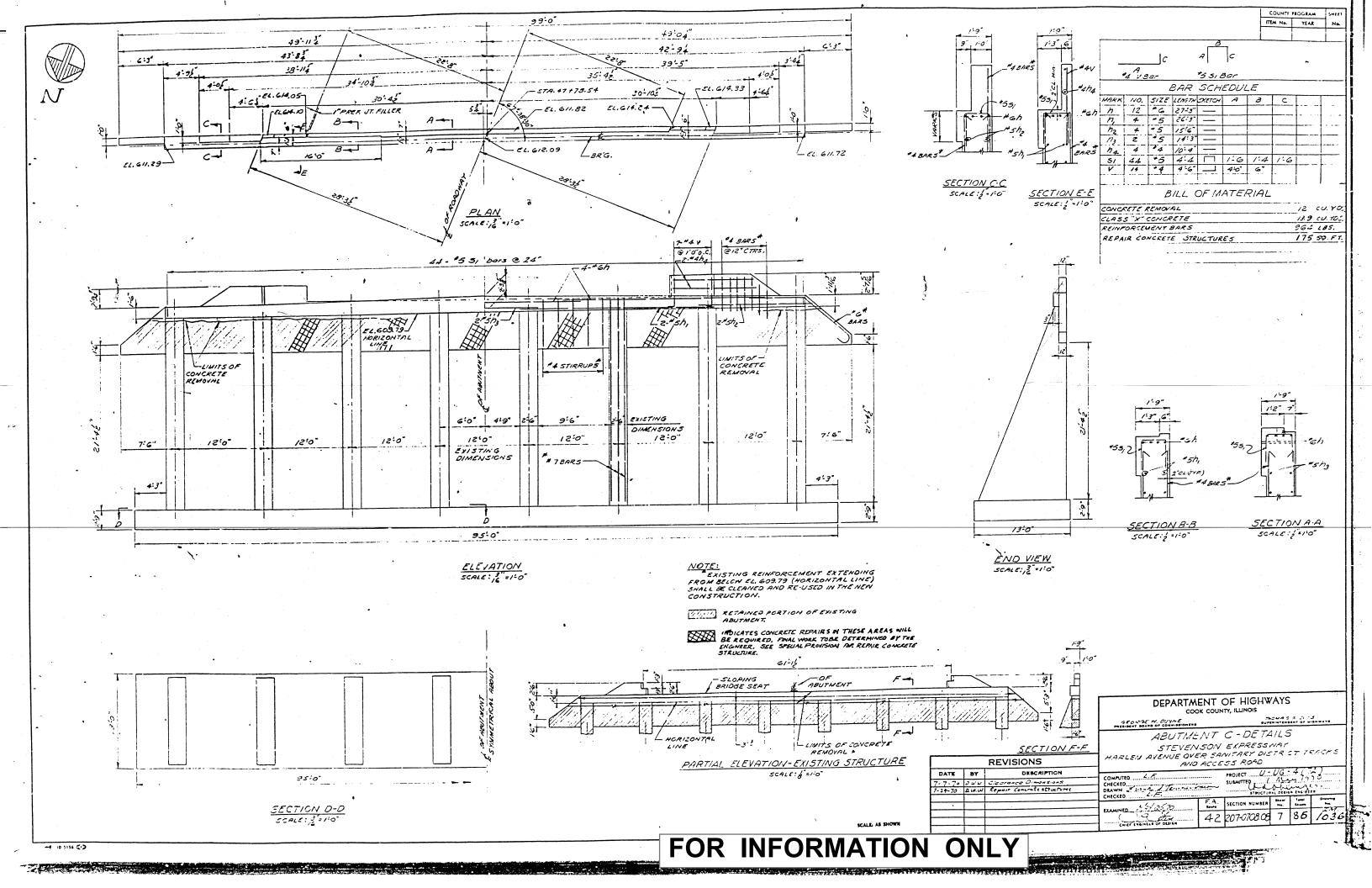


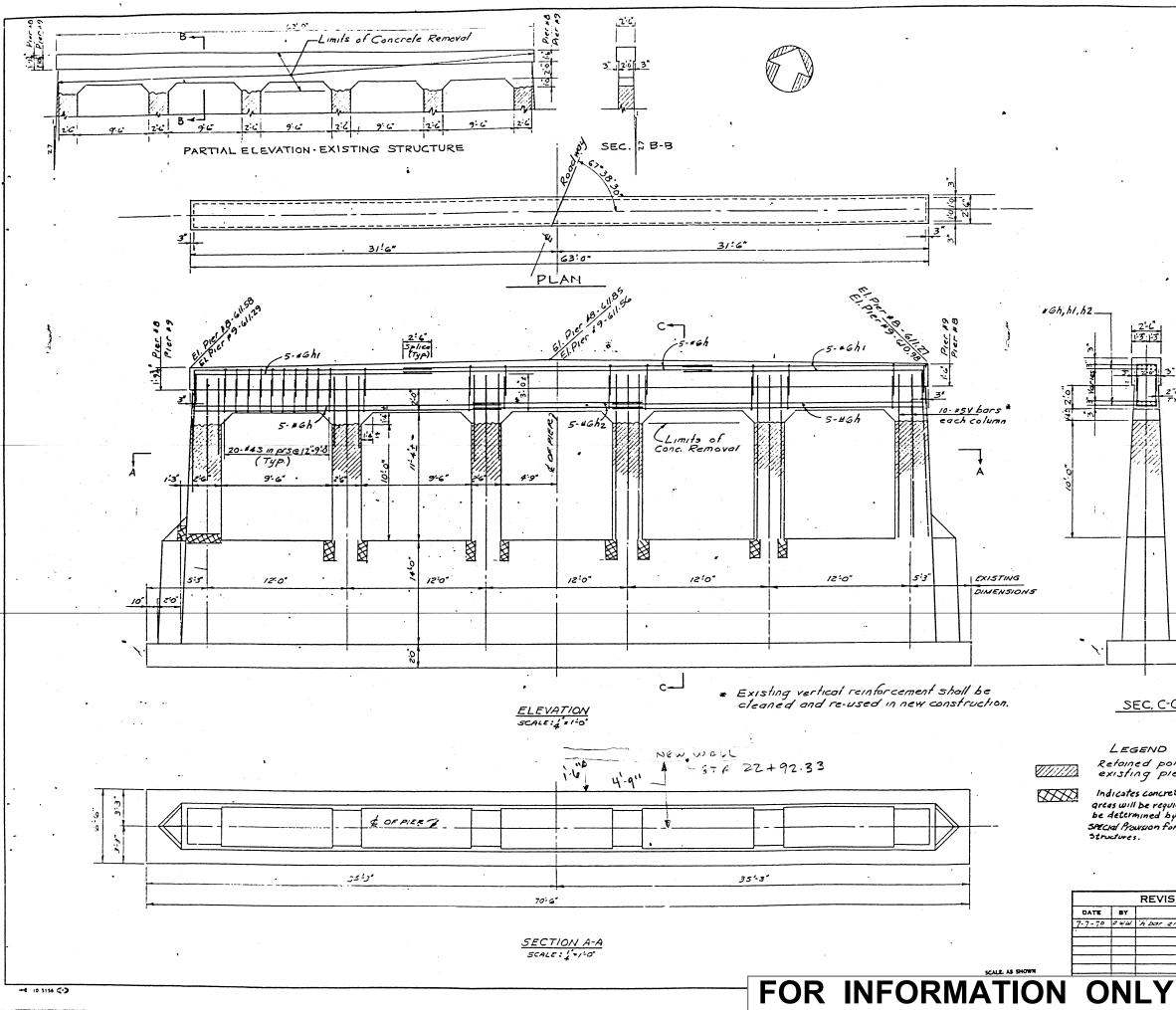
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	5-30	9 FT REACK & BRCAN EANE BOFFIC₩	5 6.8 3	UAR NE DECLS, PEAL DEAUS OF CLAY & SAND,	· <u>· .</u>	VERY SOFT LAKE BOTTOM STLT, MARINE	- 3	PEAT & GREANIC STLT	* 2. sees.			5-75 & 15-674-5 5-65	- 6 1.0 - 5 5.8	0.014N1C 5111	7		050	GRAY CLAYE: S LT WITH SEVE SAND, GRAVEL & BOULDERS		H → lraidstas Sa stoch i 2×isch J.S	the minister of Stor engla (10-10, psi , split speed erro	s for each 12 leabad gat failing from for 3 for.	af cucaerstion ar G sector ca a
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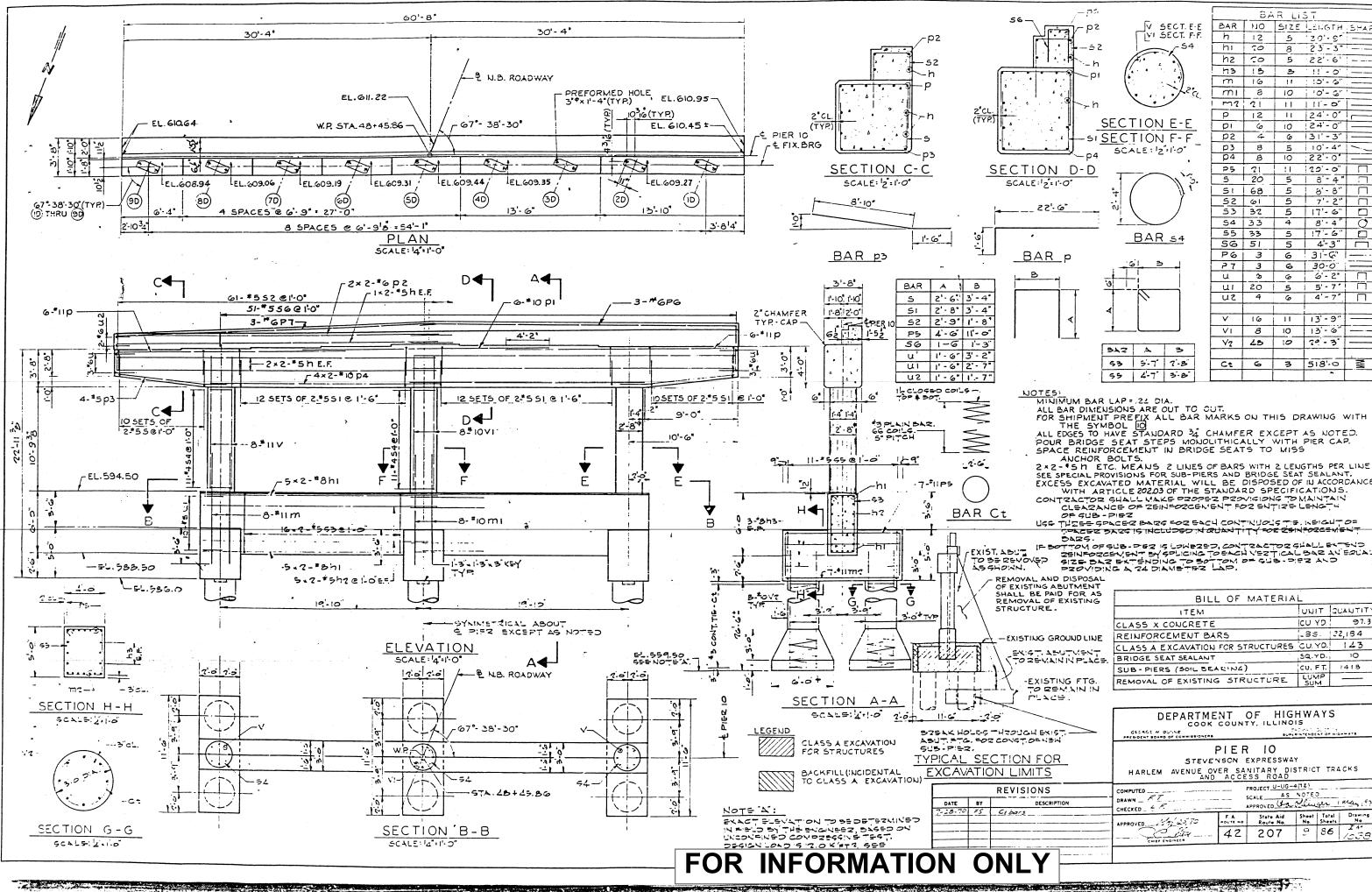








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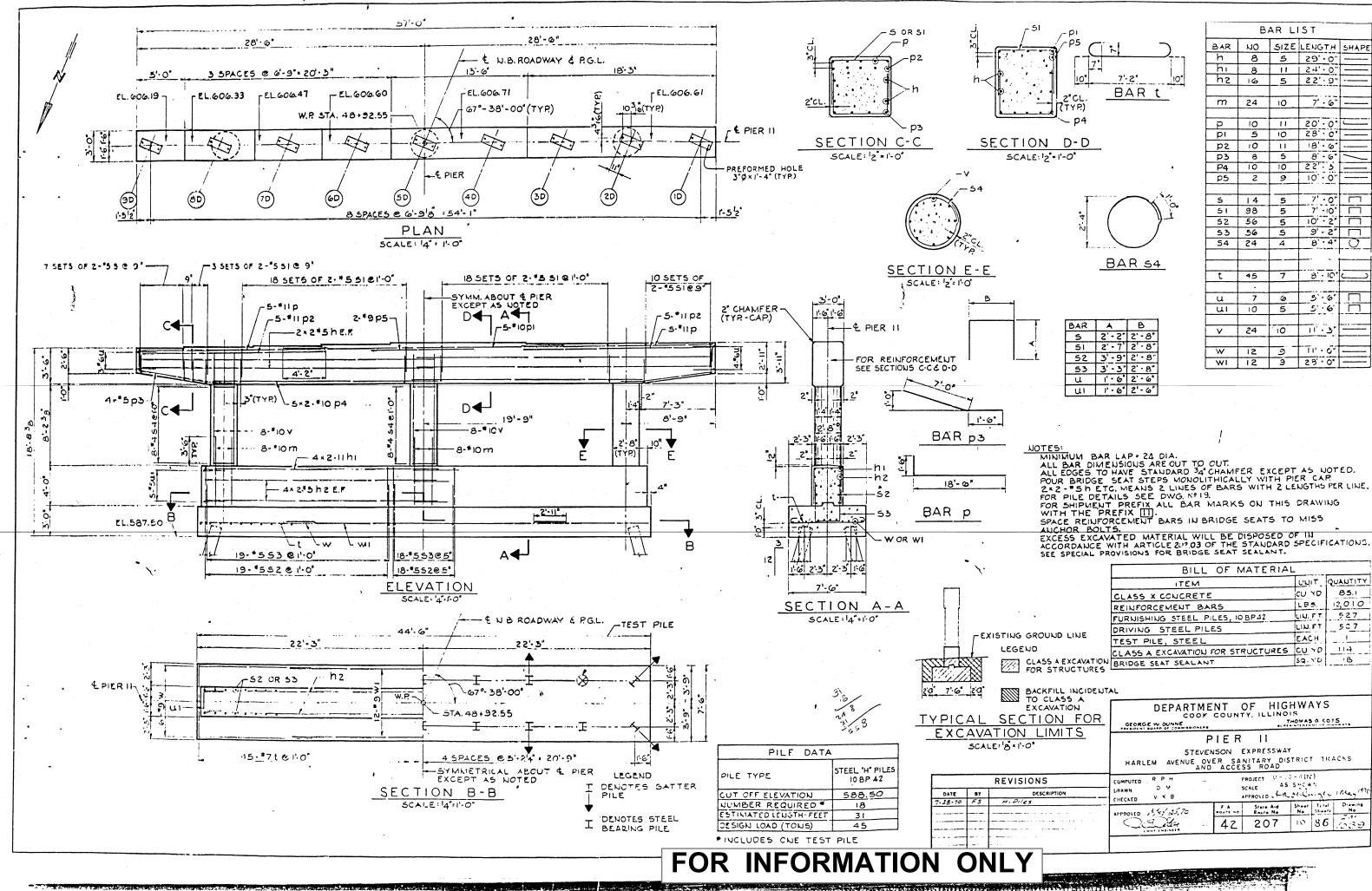
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Ct	6	3	518'-0	M

POUR BRIDGE SEAT STEPS MONOLITHICALLY WITH PIER CAP. SPACE REINFORCEMENT IN BRIDGE SEATS TO MISS ANCHOR BOLTS.

2*2-45 h ETC. MEANS 2 LINES OF BARS WITH 2 LENGTHS PER LINE. SEE SPECIAL PROVISIONS FOR SUB-PIERS AND BRIDGE SEAT SEALANT. EXCESS EXCAVATED MATERIAL WILL BE DISPOSED OF IN ACCORDANCE

IF BOTTOM OF SUB-DEZ IS LOWBZED, CONTRACTOZ GHALL ENTEND ZEINFOZCENSAT BY SOLICING TO EACH VEZTICAL BAR AN EQUAL VED SIZE BAZ ENTENDING TO BOTTOM DE SUB-DEZ AND PZOVIDING A 24 DIAMETEZ LAD.

AND DISPOSAL									
OF EXISTING	BILL OF MATERIAL								
RE.	ITEM	τιαυ	JUANTITY						
	CLASS X CONCRETE	CU YD	97.3						
G GROUND LINE	REINFORCEMENT BARS	-35.	22,184						
ABUTMENT	CLASS A EXCAVATION FOR STRUCTURES	CU.YD.	143						
MAININ PLACE	BRIDGE SEAT SEALANT	SQ.YD.							
	SUB - PIERS (SOIL BEARING)	CU. FT.	1418						
ISTING FTG.	REMOVAL OF EXISTING STRUCTURE	LUMP SUM							
REMAIN IN									
	DEPARTMENT OF HIGH	₩AΥ s	s						
EXIST		TENDENT OF							
	PIER IO								
OR	STEVENSON EXPRESSWAY								
S	HARLEM AVENUE OVER SANITARY DIS AND ACCESS ROAD	TRICT T	RACKS						
15	COMPUTED PROJECT_U-UG-4	NOTED							
SCRIPTION	DRAWN _ FT SCALE AS CHECKED _ 4 F APPROVED UPLC	Linger	I May 670						
	APPROVED 111 25.70 F.A. State Aid Route No.	Sheet Tot No. She	ots No.						
		9 80	5 1039						
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1									



BAR	•	в
S	2' - 2"	2'-8'
51	2' • 7"	5, . 8.
52	3' - 9'	5, - 8,
53	3' - 3"	2' • 8"
μ	1.6	2' - 6"
 u	1.6	2'-6'

[BAR LIST							
	D.							
BAR	NO			SHAPE				
h	8	5	29'.0"					
hı hz	8	11	29'•0" 24'•0"					
hz	16	_5	22' . 9"					
	[
m	24	10	7' • 6"					
Р	10	11	20' · 0' 28' · 0'	L				
рі	5	10	28, 0.					
pz	10	11	18' • 6"					
pЗ	8	5	80.					
P4	10	10	22' 5 10' • 0"	[]				
p5	2	9	10' • 0"	[]				
	Γ	[L	[]				
S	14	5	7' • 0"					
51	98	5 5 5 5	7' •10' 10' • 2"					
52	56	5	10' 2'					
53	56	5	9' - 2"					
54	24	4	8' • 4*	$\left[\begin{array}{c} 0 \end{array} \right]$				
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t	45	7	8' . 10"	<u> </u>				
	· .	ļ						
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		┝╌╗╴┥	11' . 0"	I				
w wi	12	9 9	23.0					
wi	12		23 0					

EXCESS EXCAVATED MATERIAL WILL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 2:19.03 OF THE STANDARD SPECIFICATIONS. SEE SPECIAL PROVISIONS FOR BRIDGE SEAT SEALANT.

	BILL OF MATERIAL							
	ITEM	UNIT	QUANTITY					
	CLASS X CONCRETE	CU YD	85.1					
	REINFORCEMENT BARS	LBS.	12,010					
•	FURNISHING STEEL PILES, 10 BP 42	LIN. FT.	527					
600UUD 4005	DRIVING STEEL PILES	LIN.FT	_ 527					
GROUND LINE	TEST PILE, STEEL	EACH						
END	CLASS A EXCAVATION FOR STRUCTURES	CUYD						
CLASS A EXCAVATION		SQ.YD	18					
FOR STRUCTURES								
BACKFILL INCIDENT	AL							
EXCAVATION	DEPARTMENT OF HIGH	IWAYS	5					
CTION FOR	COOK COUNTY, ILLINOI	5.						
N LIMITS	GEORGE W. DUNNE The PRESIDENT BOARD OF COMMISSIONERS	A.18 M.14 M.1.17						
-0	PIER II							
-0	STEVENSON EXPRESSWAY	STEVENSON EXPRESSWAY						
	HARLEM AVENUE OVER SANITARY DIST AND ACCESS ROAD	TRICT T	RACKS					
SIONS	CUMPUTED R P H PROJECT U- 20	(72)						
DESCRIPTION	URAWN O M SCALE AS	5 H C W N W C C	11.4. 1970					
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and a second	Que 42 207	10 80	5 1039					
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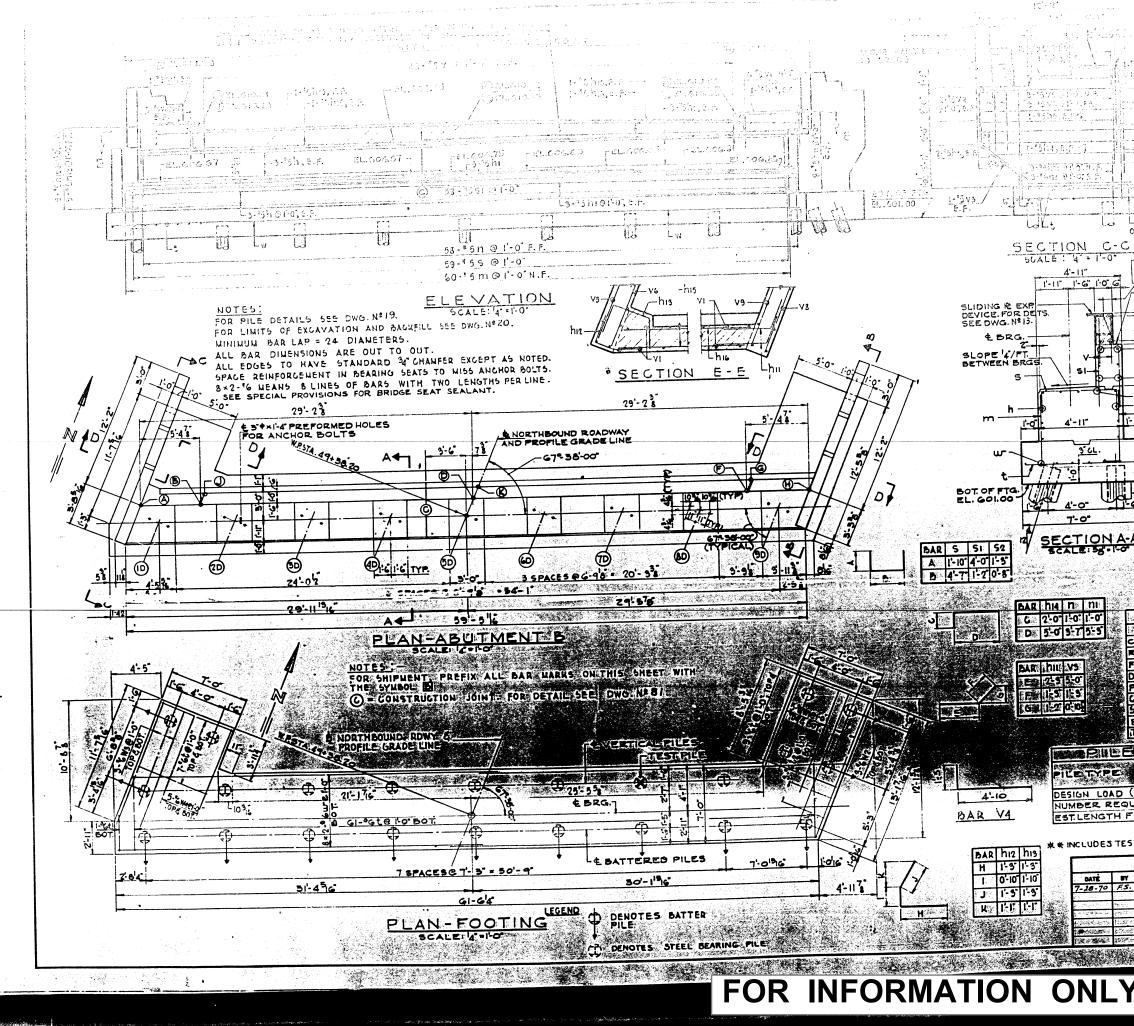
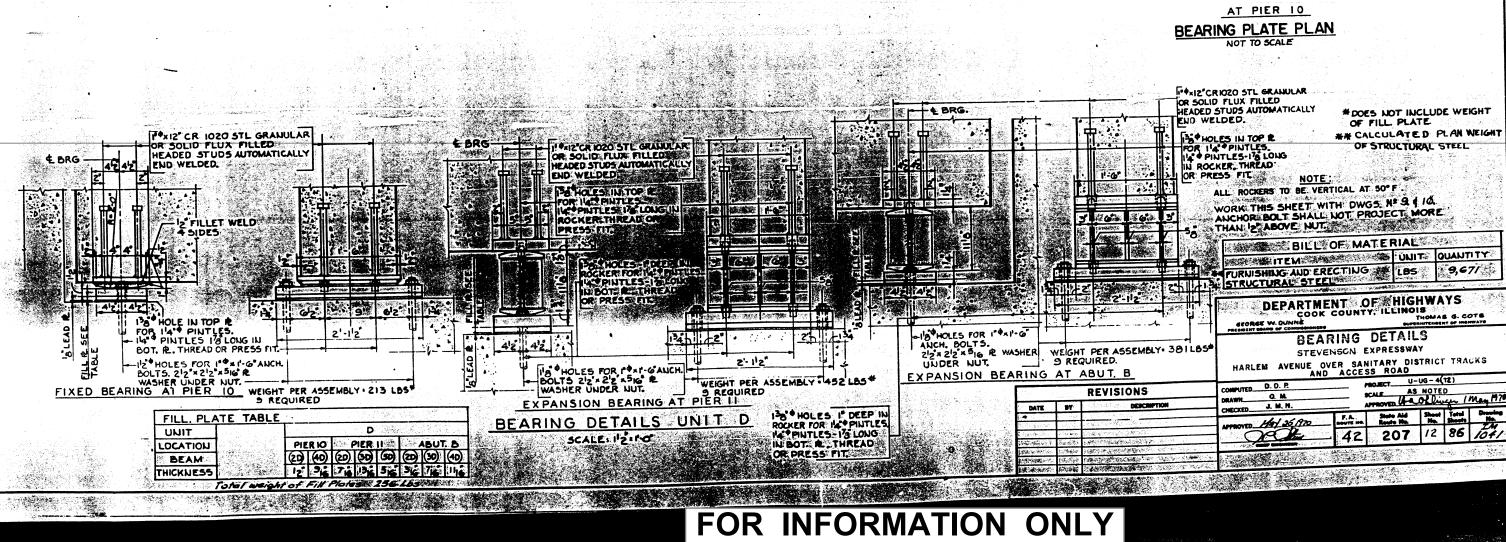


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REINFORCEMENT BARS 200 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
PROTECTIVE COAT STRUCT CUYD 140 VT 7 45 4-7
SANDEOR GRAVEL ENGANALES SQ.YO. 21
TONS 30 CONTRACTOR CON
FEET 46 ABUTMENT B STEVENSON EXPRESSIVAL STEVENSON EXPRESSIVAL
AND ACCESS NOTED W. J. C. PROJECT 'U-UG-4(12)
REVISIONS DESCRIPTION DRAWN S. 4 D. DATE STORE CHECKED J. M. N. APPROVED CH. C. ALC. L.
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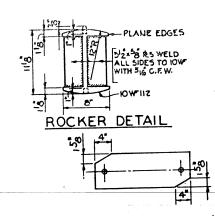


R. Courses, Esistens, Sun S.C. HARS, ESA RAPES, PARLES AND DESCE CONTRACTOR MARTINE DE DESCENSIONE FIBLEARTO DOD SET IN INCLEDDINCE WITH NETRICE 507.08 OF THE STANDARD SPECIFICATIONS AND SHALL BE FINISHED IN ACCEDANCE RITH PRIVELE 539.04. THESE ITEMS ARE INCLUSED FOR PHYMENT IN THE DEIGHT OF STRUCTURAL STRUCT



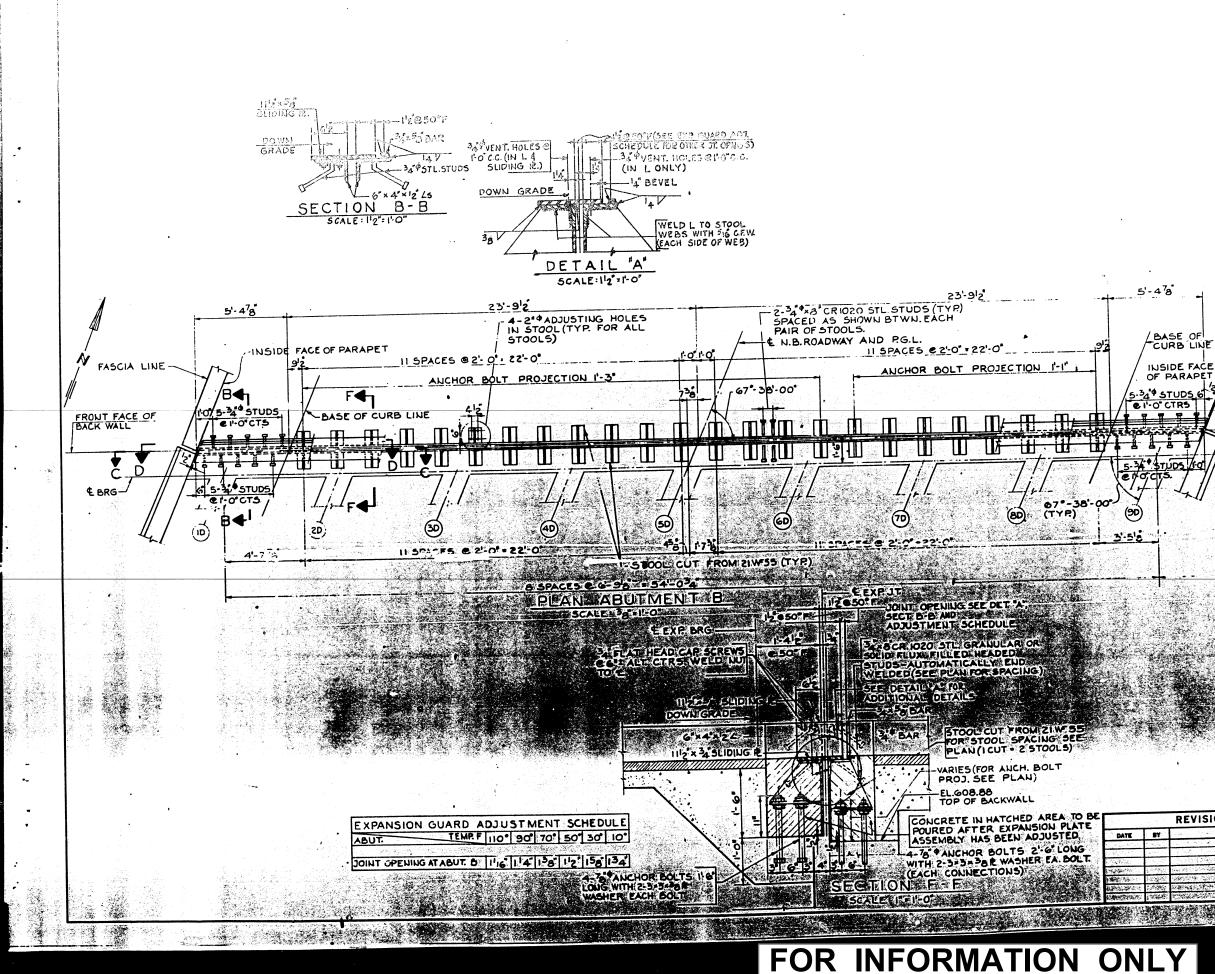
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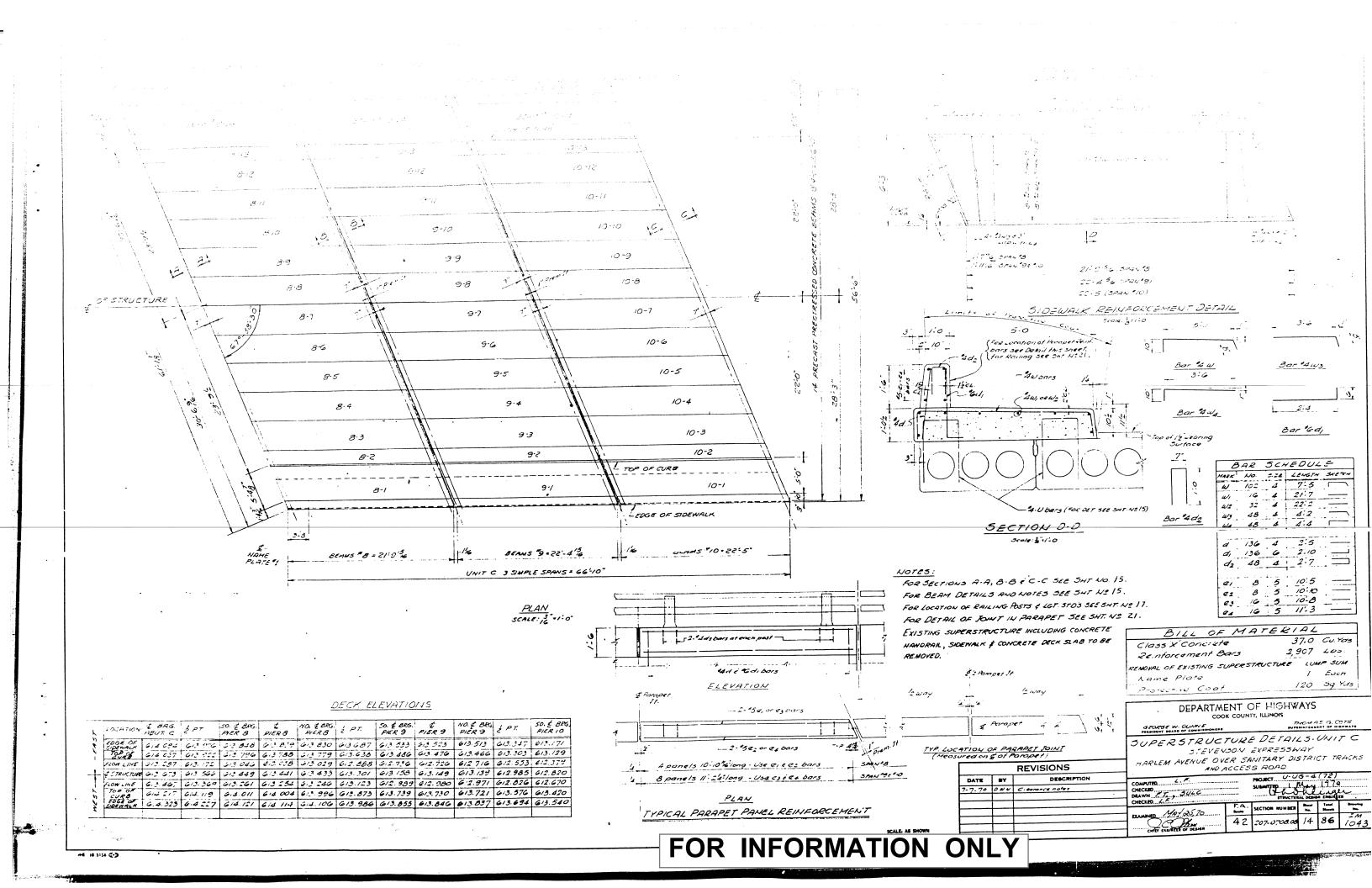


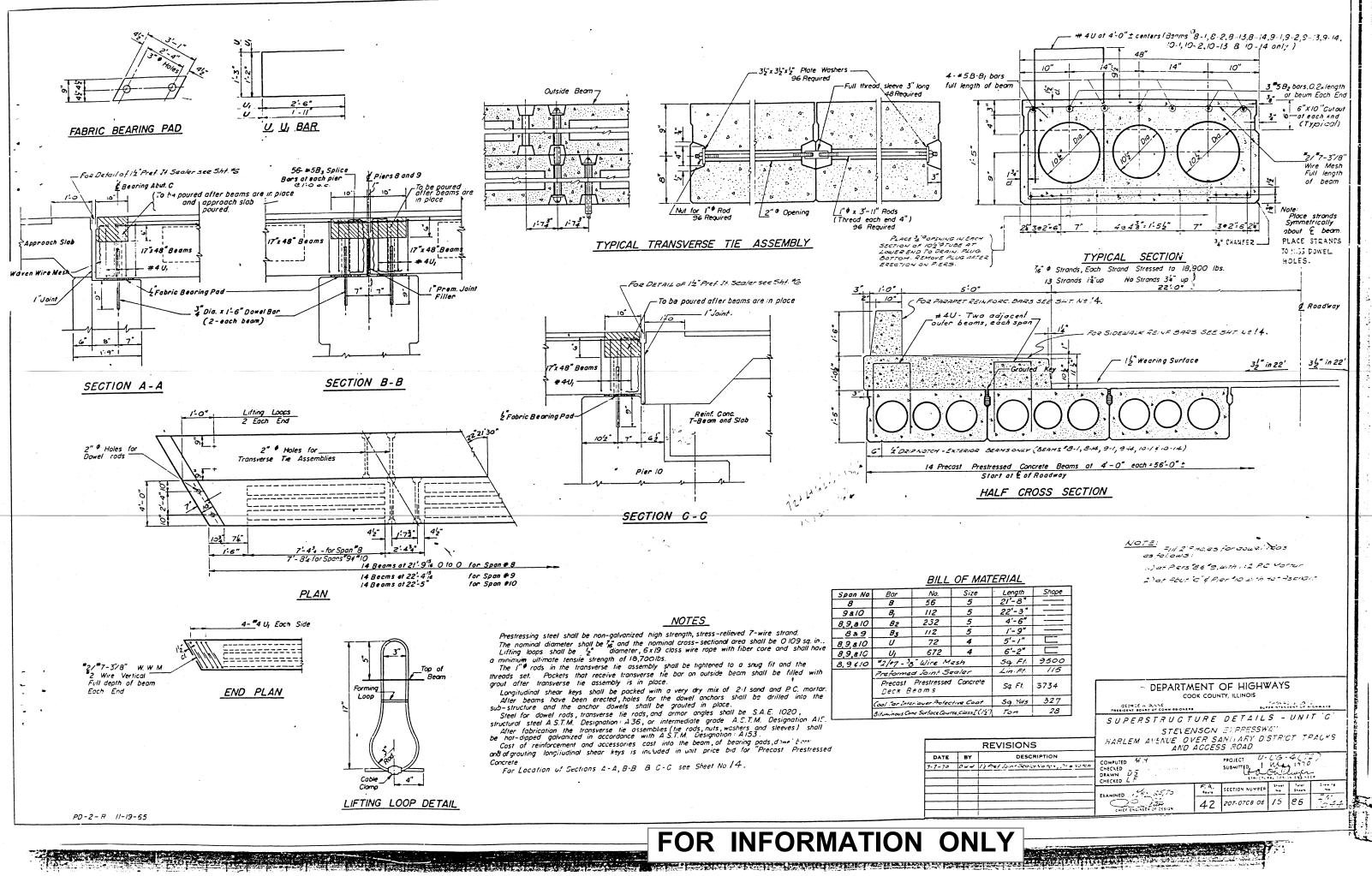
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Цания, Кладачины Аларда Вишенски Сочал, 82 1982:19721 СКОНДОССАН, СТККС ССАНСТИНА ГО 3 37 14. П.1.364, ПСА АЗ

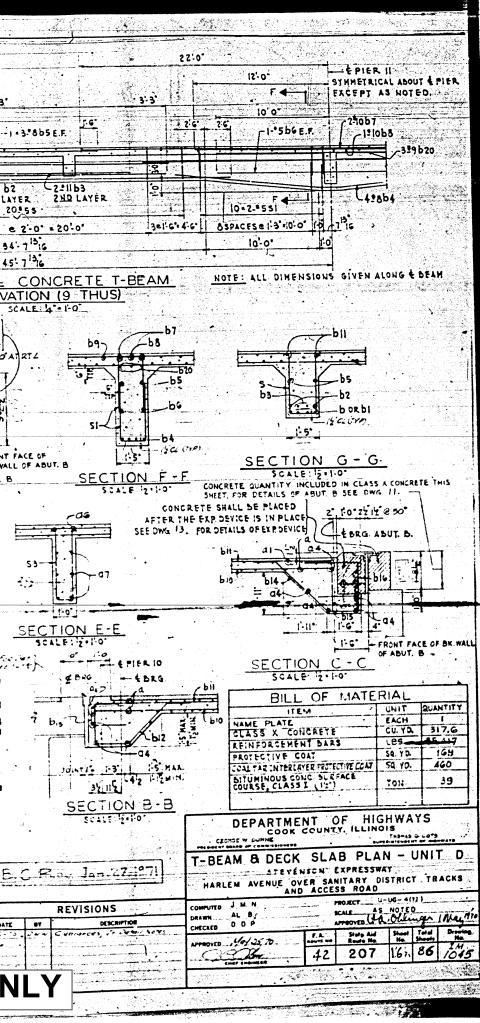
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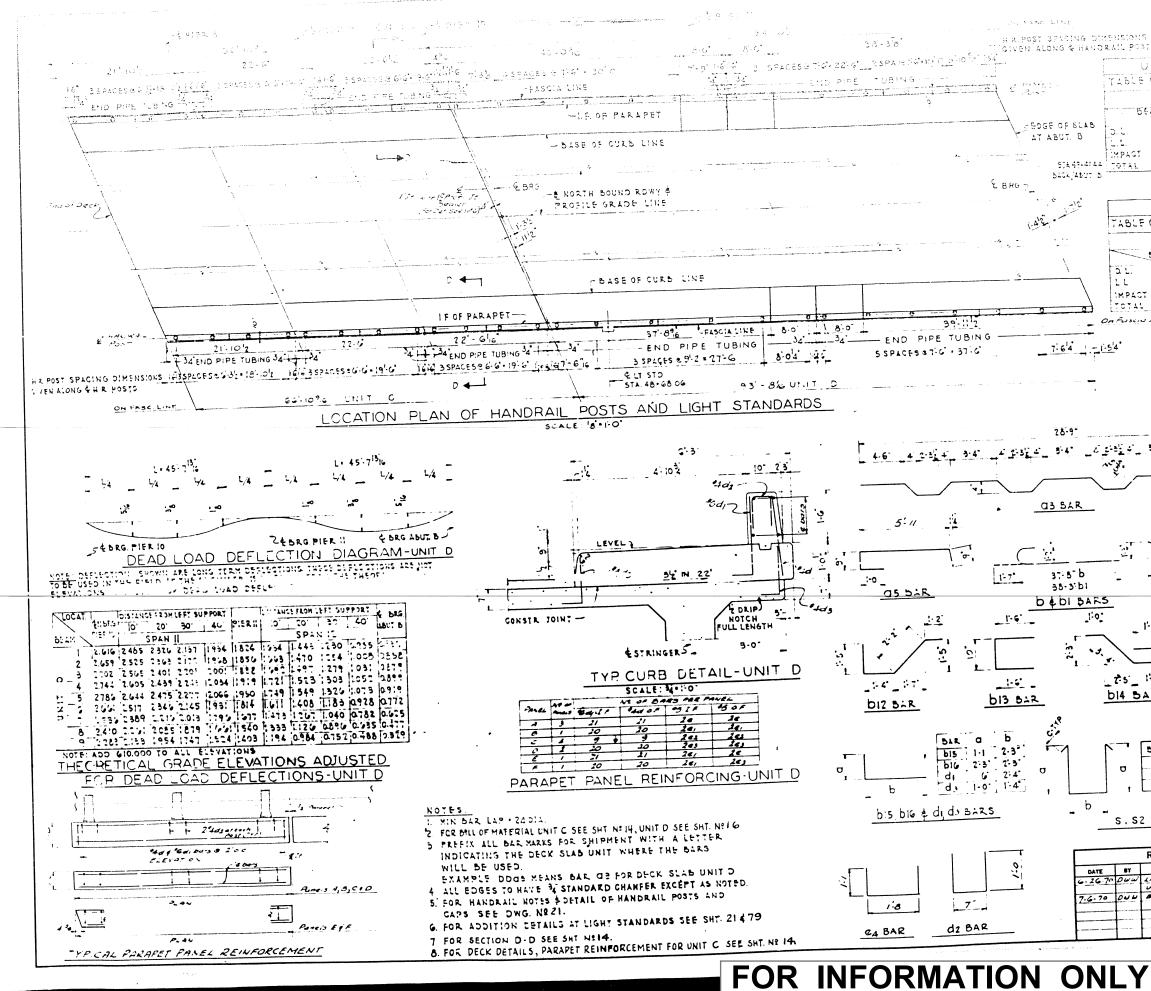
INSIDE FACE -FASCIA LINE - E N.B. ROWY. & P.G.L. -BASE OF W.CURB LINE BASE OF E. CURB LINE ---FL.610.88 EL.610.81 EL.610.36 -N.B. ROADWAY AT & EXP. JOINT ABUT B PROFILE IS A STRAIGHT LINE BETWEEN ELEVATIONS SHOWN BILL OF MATERIAL QUANTITY ITEM ABUT. B FURNISHING AND ERECTING 7500 * CALCULATED PLAN WEIGHT OF STRUCTURAL STEEL DEPARTMENT OF HIGHWAYS -----EXPANSION GUARD - ABUTMENT B HARLEM AVENUE OVER SANITARY DISTRICT TRACKS APROVED CHA ONLINGT I HLAN 1970 0. D. P. 0. M. OMPUTED_ REVISIONS J. M. N. DESCRIPTION State Ald Sheet Total Drawing Reads No. No. Sheet Ma. HECKED May 25, ATO DOR 13 86 1042 207 - 2¥



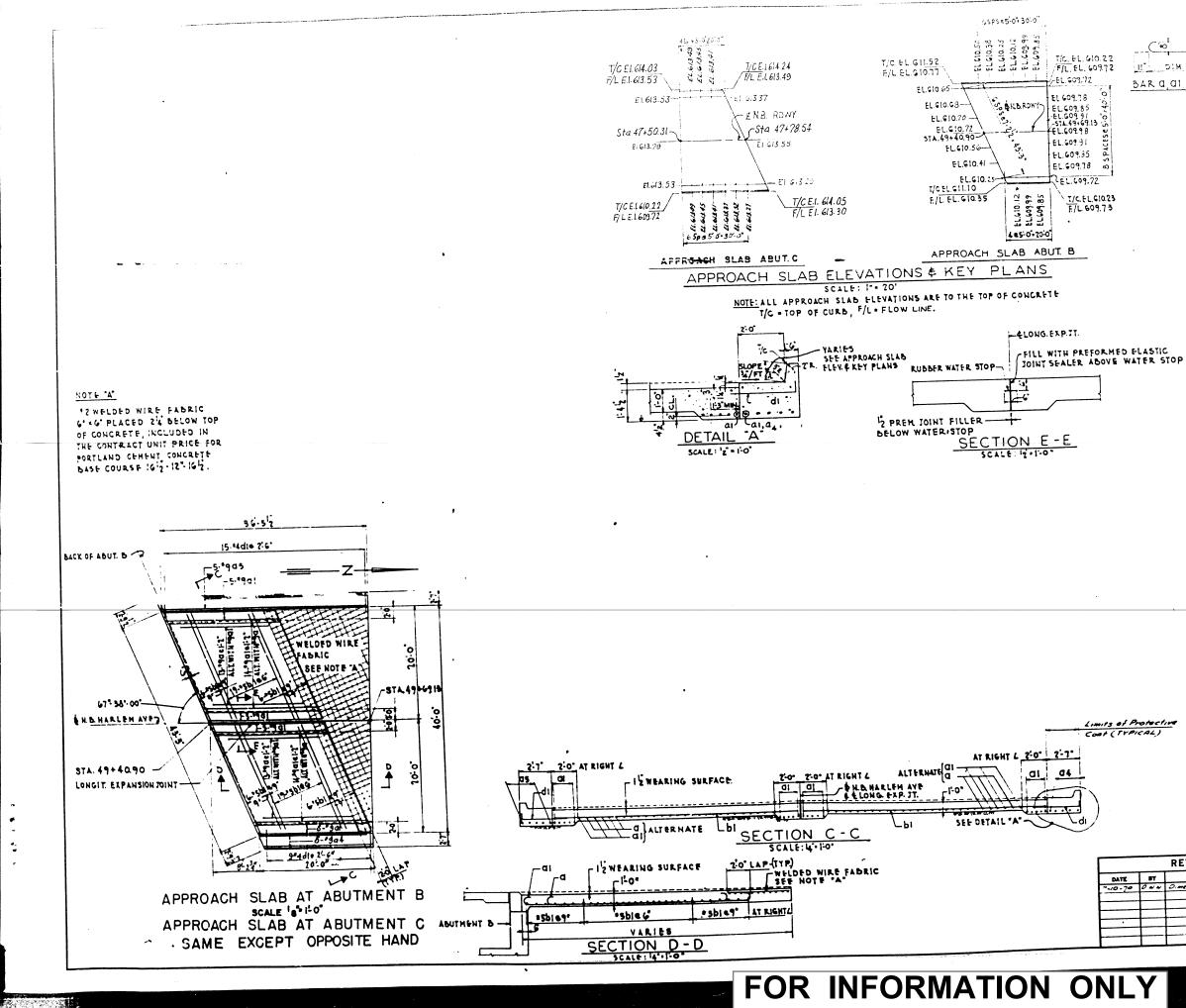


- 4 PIER 10 22-7136 23.0 23-0" 22-7130 3.3 3.6 21:3" 19'-3⁷8 SEE DETAIL A 20-23 8.0-8.0 -20-136 FOR END OF T. DEAH 2:0 ∙G∙∰ See Day Ne 20. DETAIL AT ABUT. 0. IVEN ON FASCIA LINE C 1 1.3% C (D) 17 .40 +0-TOP - b11 -- 1 + 3. 8b5 E.F. E 97 4 d3 e 1-0 E.F. 19"501 = 6'2 TOP 19+50 06'2 BOT. \$**!**@ **'**0 44116-SPAN II IST LAYER 2-11 62 2 PAR LAYER LI4 -2'4b19 SIDEWAL ORDER FULL LENGTH 414-24618 SIDEHAL LI4 2 4 DIT SIDE WALK & BES, BASE OF CURB LINES CUT TO FIT SKEW AND 20.55 **(B)**-USE LEMAINDER IN 1-2 306100 9'501 062 OPPOSITE SIDE OF BRIDGE 10 SPACES @ 2'-0" = 20'-0" 63410:30 4e1-5 - 6.0" TOP , 34-71316 -45 6 3'3-1-**(** 22:0 66 +501 61-1"TOP i. 67-38-00 19'50 *6 45-7 316 0 3.2"SOL -8211 BOT. -1-2*504 TOPE BOT. OSEF SECT. B.B) 4086 STA 49+ 38 20 TYPICAL CONCRETE T-BEAM . @-V 3TA 49+41.44 67+2*\$03E1-1 ALT. WITH ELEVATION (9 THUS) 17.38-00 5 67.38-30-BACK OF ABUT. 5 aid 12 TOP AND LA BOT. SCALE: 4 - 1-0 @ STA. 48+45.86 LAND ROWY 4 PACES - STA.48+92 CONCRETE SHALL BE PLACED AFTER PROFILE GRADE LINE THE EXP DEVICE IS IN PLACE. SEE DWGS- 3 FOR DETAILS OF EXP DEVICE EPIER TO 4 PIER 11 -4.2.504 3 22-0-1-SASEE SECTION C-C) 2'8 1.1" 111E O AT 212 19502 egg 1+2=544--bll -TOP & BOT. t==== ORDER FULL LENGTH T 5 46:4 e1:5 9453 862 BOT. 5 4615 al 3 8 THUS CUT TO FIT SKEW AND 66+2*50 @ 1-1" BOT. USE REMAINDER IN 66 1502@1-1: TOP OPPOSITE SIDE OF BRIDGE Lhs 19150 @ 6 2 10P 4 807. 8 34 -14-2"4 617 SIDEWALK -14-2 M BIA SIDEWALK -14=2*4 619 SIDE WALK C. BASE OF CURB LINE °1___ 1:18 -FRONT FACE OF h ֎ BK. WALL OF ABUT. B - & BRG ABUT B the last 1.4 5 & LT. STD. LE BRG. DETAIL Δ STA. 48+ 68.06 · 9.11.2 97 4 d3 41.0'EF 8-0' 20(· 0) 118-94 SCALE: 2 - 1-0" 13-10:20 ---- & BRG. ABUT. B. .22'-3¹⁶ DIMENSIONS GITEN ON FASCIA LINE PIER ્). -4PIER 10 22-7-36 ٢ 23 0 23'-0" 1-45 45-7136 SPAN 12 45-713 SPAN 11 93-7% 53-52 -PDEEP SAWED JOINT ACROSS PLAN - C. TOP & SIDES OF SIDEWALK 200 SCALE A.I.O TYP AT EACH SIDE WALK (o IONI SCALE 51 SECTION 5.0 25.0. 3. 1.0" 5-0 22.10: (~DH d, 5 TEO SPACES 253 -I'S WEAKING SURFACE -05-618 TP SPACING -05 -14 04. TYP. SPACING 59 312 IN 22' how down and the - bil -TSLAB -01 -03 .b.o 11- 0-610 <u>a</u> ---d. T 2.2 444 72 1 -3-2-*407E Fe (2 THUS) £ +----· 510: فسما 14 35PA: 22:418 14 DIMENSIONS Q . 65P1 69" +4" 6" SALONG & OF DIAPH. D (ATHUS) (ATHUS) DIMENSIONS ALONG (D) E OF DIAPHRAGM E -TTP. SPACING ා 44452-1177 Ð 3 ⊛ (167603) 8 SPACES 6 6-3 . 50-0 HALF SECTION AT PIER II HALF SECTION AT CENTER SPAN 15 619 ECTION A-A NOTE: - FOR PLAN OF HANDRALL POSTS AND LT. STOS SEE DWG 17. SCALE: 38 . 1-0" . . . 2 FOR DAR LIST, DILL OF MATERIAL, ADJUSTED GRADE CONCRETE NOTES: ALL CONCRETE THALL BE CLASS THE COARSE AGGREGATE GENERAL WICH IS TO BE USED IN PRAPETS & TUP & FT OF WINGWALLS WIST BE ABSOLUTELY TREE OF CHERT, FLAT, ELEVATIONS & DETAILS SEE DWG. 17. L'MONITE , L'ONITE & SOFT SANDSTONE THE CONCRET PLOCE LAB SHALL BE FINISHED IN ACCORDANCE GITA ARTICLE FOB.16 OF THE STP SPEC. THE CONCRETE FLOR SUND SHALL BE FOURED IN THE TOWINGOUS A FOR ADDITIONAL DETAILS AT LT STO, SEE SHEET 4. FOR PARAPET PANELS (A) THRU (D) SEE DWG. 17-EPERATION FROM END TO END OF INDIVIDUAL UNITS BETWEEN BONDED CURTEDUCTION JUNTE & EPERS OF SLAB + 612 5. 14 2 46 ETC. INDICATES IN LINES OF BARS WITH 2 LENGTHS FER LINE. CREATION FROM THE TO THE PERSON OF THE STATEN BEADED CONTENCTION TO THE PERSON OF AND IN ACCORDANCE WITH ACTIVE 523 IN OF THE STO SPEC NO CANTECCT ON JOINTS STALL BE USED EXCEPT BY PERMISSION OF THE ENGINEER, CE AS SHOAN EN THE PERSON PERMANNET TO BY AUXIL NOT BE PERMITED IN TORBING THE CONCELTE FLORE TO FINE MAGNINE IS USED ON THE BRIDGE DECK, FINISH IN ACCORDANCE WITH ACT. FOR 16 OF THE STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION. CPIER 10 - Hails He 1- 12 VAR with 1'2 PERF IT SEATER -42112 + 02 M MIN 1 BRO FOR INFORMATION SECTION H-H SCALE: '2" + 1-0"





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-			AND	ACCES	S RO	u - UG-	- 4(72)		
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ITEM	UNIT	AUL	ABUT B	TOTAL
PORTLAND CEMENT CONCRETE BASE COURSE 1612-12 12 11CH	SQ. YD.		126	252
REINFORCEMENT BARS	LES	7495	7490	14480
APPROACH SLAB CURB AND GUTTER	LIN FT.		52	114
PROTECTIVE COAT	52. YD.	+	20	40
COAL TAR INTERLAYER PROTECTIVE COAT	TON	11	11	22
BITUMINOUS CONC SURFACE COURSE, CLASS I (12)		A		

NOTES

SLABS WILL DE PAID FOR AT THE CONTRACT UNIT PRICE FOR PORTLAND CEMENT CONCRETE BASE COURSE 1612-12-1612.

ALL REINFORCEMENT BARS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR REINFORCEMENT BARS.

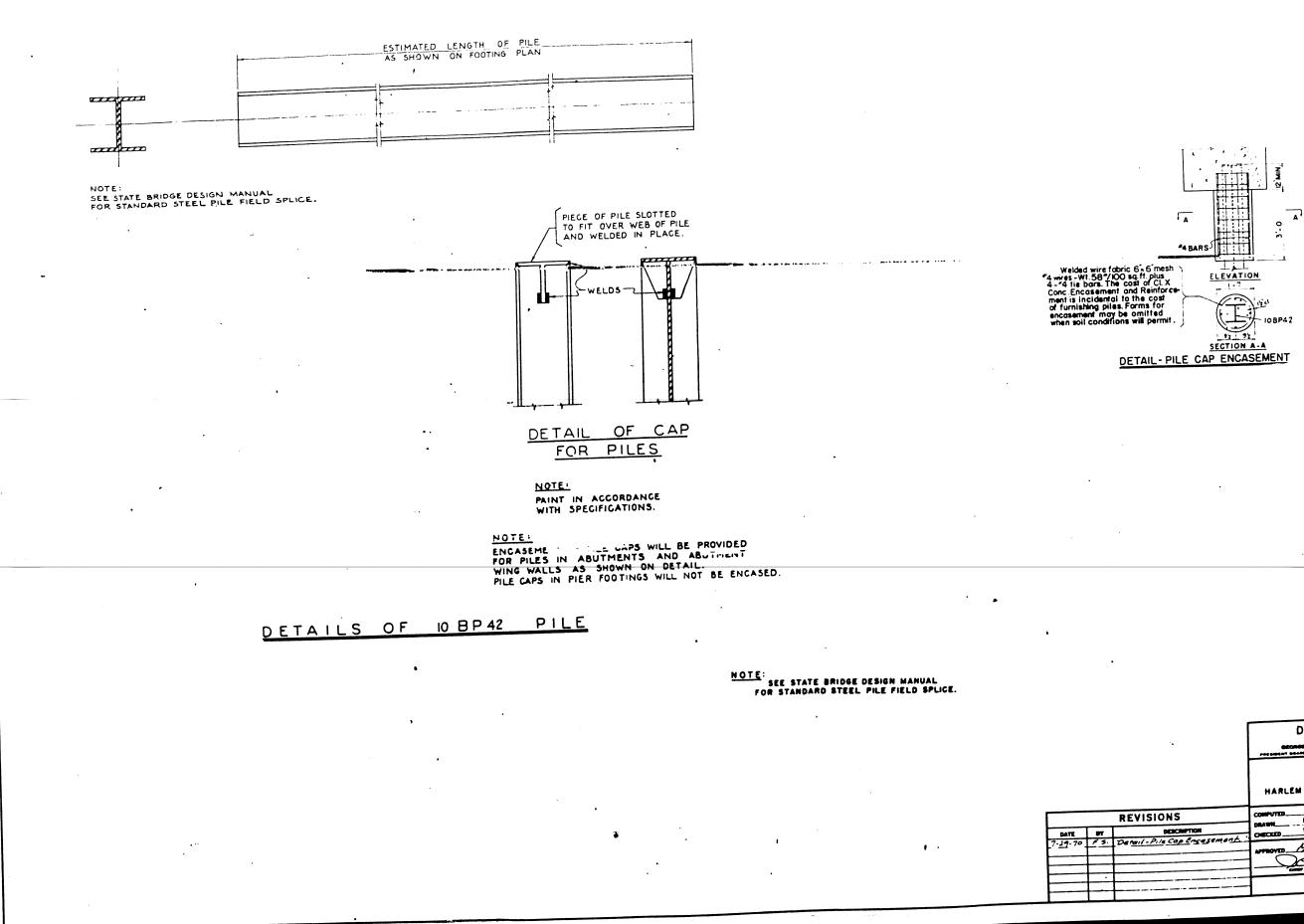
WELDED WIRE FABRIC AND PREFORMED EXPANSION JOINT FILLER SHALL BE INCLUDED IN THE PRICE DID FOR PORTLAND CEMENT CONC ... BASE COURSE 16 2 - 12 - 16 2. PREFORMED EXPANSION JOINT FILLER SHALL CONFORM TO SECTION 129 OF THE STANDARD SPECIFICATIONS MINIMUM BAR LAP = 24 DIAMETERS.

ALL DAR DIMENSIONS ARE OUT TO OUT.

PREFIX ALL DAR MARKS FOR SHIPMENT WITH LETTER INDICATING THE APPROACH SLAB WHERE THE DARS WILL DE USED. EXAMPLE: ADDA HEANS DAR 04 FOR APPROACH SLAB AT ABUTHENT D

DEPARTMENT OF HIGHWAYS COOK COUNTY, ILLINOIS THOMAS & CONTY THOMAS APPROACH SLABS STEVENSON EXPRESSWAY HARLEM AVENUE OVER SANITARY DISTRICT TRACKS PROJECT U-UG-4172) SCALE AS NOTED APPROVED LE Chlinger I Aling REVISIONS OMPUTED F.T. RAWN_____ DESCRIPTIO CHECKED L.F. State Aid Sheet Tatal Dro Rente No. No. Sheete H DIMERE ONS IN DEC. 1 A F.A. May 25,70 18 86 <u>e</u> 207 42





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	APPROVED 1/10/02/20	_ 42	207.	ю	86	IM 1048

