				90%	FED / 10% STA	TE
* = SPE0	CIALTY ITEM			0004	0010	0021
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY RECONSTR.	BRIDGE REPLACEMENT	HIGHWAY LIGHTING
25000312	SEEDING, CLASS 4A	ACRE	0.25	0.25		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	90	90		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	90	90		
25100115	MULCH, METHOD 2	ACRE	0.50	0.50		
25100630	EROSION CONTROL BLANKET	SQ YD	2206	2206		
25200110	SODDING, SALT TOLERANT	SQ YD	1514	1514	-	
25200200	SUPPLEMENTAL WATERING	UNIT	1921	1921		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	35	35		
28000305	TEMPORARY DITCH CHECKS	FOOT	21	21		
28000400	PERIMETER EROSION BARRIER	FOOT	1823	1823		
28000510	INLET FILTERS	EACH	22	22		
28001200	TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	518	518		
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	219	219		
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	2661	2661	<u>}</u>	

Chillennic Chain	USER NAME = denisb	DESIGNED MA/DB	REVISED				сціс		יודע סכ
CON BLVD SLUTE 11		DRAWN - DB	REVISED	STATE OF ILLINOIS		IVI			
. 60604	PLOT SCALE = 2.0000 ' / in	CHECKED MA	REVISED	DEPARTMENT OF TRANSPORTATION			301		TUFQ
0, F 312.427 0143	PLOT DATE = 12/31/2024	DATE 12/13/2024	REVISED		SCALE: N/A	SHEET	02	●F 13	3 SHEE
IG 01 0,	INEERING GROUP, LLC NMAS DP NBLVD, SUITE 910 504 F 312.427 6145	INEERING GROUP, LLC         Denniso           NBLOD, SULT \$10         PLOT SCALE         = 2.0000 ° / in           5014         PLOT SCALE         = 2.01/1 (2000 ° / in           PLOT DATE         = 12/31/2024         PLOT SCALE	INEERING GROUP, LLC         DELSIGNED         DESIGNED         MADD           NBLVD, SUIT 510         DRAWN         DB         DRAWN         DB           904         PLOT SCALE         = 2,0000 ° / in         CHECKED         MA           904         PLOT SCALE         = 12/31/2024         DATE         = 12/13/2024	INEERING GROUP, LLC         DESIGNED         DESIGNED         REVISED         REVISED </th <th>INCREMING GROUP.LLC         DESIGNED         DESIGNED         NOTSED         NOTSED</th> <th>INEERING GROUP, LLC         Outrit Mail         Outrit Mail<th>INSERING GR UP, LLC         Optimizer         DE SIGNE De la manager de la solutione de la solutina de la solutinatione de la solutina de la solution</th><th>INSERING GR UP, LLC         OSAL MARK &amp; COLSING &amp; DESIGNED &amp; MAYOR         DESIGNED &amp; MAYOR         NOT STATE OF ILLINOIS         MICHIG         MICHIG<th>INSERING GROUP.LLC         DESIGNED         DESIGNED         NOTICE         DESIGNED         NOTICE         NOTICE         DESIGNED         NOTICE         NICHIGAN         MICHIGAN         MICHIGAN</th></th></th>	INCREMING GROUP.LLC         DESIGNED         DESIGNED         NOTSED         NOTSED	INEERING GROUP, LLC         Outrit Mail         Outrit Mail <th>INSERING GR UP, LLC         Optimizer         DE SIGNE De la manager de la solutione de la solutina de la solutinatione de la solutina de la solution</th> <th>INSERING GR UP, LLC         OSAL MARK &amp; COLSING &amp; DESIGNED &amp; MAYOR         DESIGNED &amp; MAYOR         NOT STATE OF ILLINOIS         MICHIG         MICHIG<th>INSERING GROUP.LLC         DESIGNED         DESIGNED         NOTICE         DESIGNED         NOTICE         NOTICE         DESIGNED         NOTICE         NICHIGAN         MICHIGAN         MICHIGAN</th></th>	INSERING GR UP, LLC         Optimizer         DE SIGNE De la manager de la solutione de la solutina de la solutinatione de la solutina de la solution	INSERING GR UP, LLC         OSAL MARK & COLSING & DESIGNED & MAYOR         DESIGNED & MAYOR         NOT STATE OF ILLINOIS         MICHIG         MICHIG <th>INSERING GROUP.LLC         DESIGNED         DESIGNED         NOTICE         DESIGNED         NOTICE         NOTICE         DESIGNED         NOTICE         NICHIGAN         MICHIGAN         MICHIGAN</th>	INSERING GROUP.LLC         DESIGNED         DESIGNED         NOTICE         DESIGNED         NOTICE         NOTICE         DESIGNED         NOTICE         NICHIGAN         MICHIGAN         MICHIGAN

# $\Lambda$ REVISED SHEET 4/14/2025

AD OVER I-94	F.A.I. RTE.	SECTI	DN .	COUNTY	TOTAL SHEETS	SHEET NO
JANTITIES	94	FAI 94 22 STRU	UCTURE 2	COOK	157	5
	0			CONTRACT	NO. 62	2R62
S STA. N/A TO STA. N/A		ILI	LINCIS FED. AI	D PROJECT		

				90%	FED / 10% STAT	E
* = SPE	CIALTY ITEM			0004	0010	0021
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY RECONSTR.	BRIDGE REPLACEMENT	HIGHWAY LIGHTING
35101582	AGGREGATE BASE COURSE, TYPE B 2"	SQ YD	588	588		
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1617	1617		
35501335	HOT-MIX ASPHALT BASE COURSE, 12 3/4"	SQ YD	362	362		
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	80	80		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	80	80		
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70		43	43		
42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	352	352		
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	1623	1623		
42001300	PROTECTIVE COAT	SQ YD	6171	3524	2647	
42300100	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 5 INCH	SQ YD	18	18		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	12462	12462		
42400800	DETECTABLE WARNINGS	SQ FT	60	60		
44000100	PAVEMENT REMOVAL	SQ YD	2150	2150		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	18	18		

# $\Lambda$ REVISED SHEET 4/14/2025

D	OVE	R I-94			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IA	NTITI	-s			94	FAI 94 22 STRUCTURE 2	СООК	157	6
							CONTRACT	NO. 62	2R62
5	STA.	N/A	TO STA.	N/A		ILLINOIS FED. A	ID PROJECT		

										90%	FED / 10% STA	TE
* =	SPEC	CIALTY ITEM						1		0004	0010	0021
COE NO	DE				ITE	М		UNIT	TOTAL QUANTITY	ROADWAY RECONSTR.	BRIDGE REPLACEMENT	HIGHWAY LIGHTING
50300	285	FORMLINER TE	XTURED SUR	FACE				SQ F	- 960		960	
50301	350	CONCRETE SUP	ERSTRUCTUR	E (APPROACH	ISLAB)			CU YI	203		203	
50500	105	FURNISHING A	ND ERECTIN	G STRUCTURA	AL STEEL			LSU	1 1		1	
50500	505	STUD SHEAR C	ONNECTORS					EACH	5694		5694	
50800	105	REINFORCEMEN	T BARS					POUNI	62690		62690	
50800	205	REINFORCEMEN	T BARS, EP	OXY COATED				POUNI	0 318430		318430	
<b>*</b> 50901	720	BICYCLE RAIL	ING					FOOT	210		210	
									Omm			)
* 50901	735	BICYCLE RAIL	ING, CURVED				 	FOOT	218		218	
<b>*</b> 50901	739	BRIDGE FENCE	RAILING, 0	CURVED				FOOT	244		244	<u>}</u> } <u>^</u>
									ξ Į			
* 50901	750	PARAPET RAIL	ING					FOOT	274		274	}
<b>*</b> 51200	961	FURNISHING M	ETAL SHELL	PILES 16"	X 0.312"			FOOT	990		990	
<b>*</b> 51202	305	DRIVING PILE	S					FOOT	990		990	
<b>*</b> 51203	200	TEST PILE ME	TAL SHELLS					EACH	2		2	
<b>*</b> 51204	650	PILE SHOES						EACH	20		20	
												025
USER NAME	= denis	b	DESIGNED - M	MA/DB	REVISED -						VISED SHEET 4/14/2	
	- 3 000	00 ' / in	DRAWN - D	DB	REVISED -		STATE OF I	LLINOIS		SUM	IMARY OF QUANTITIE	S

	USER NAME = denisb	DESIGNED -	MA/DB	REVISED -			
DELTA ENGINEERING GROUP, LLC		DRAWN -	DB	REVISED -	STATE OF ILLINOIS		
CHICAGO, IL 60604	PLOT SCALE = 2.0000 ' / in.	CHECKED -	МА	REVISED -	DEPARTMENT OF TRANSPORTATION		SUMMART OF QU
1 312.377.7700, F 312,427 6145	PLOT DATE = 12/20/2024	DATE -	12/13/2024	REVISED -		SCALE: N/A	SHEET 05 OF 13 SHEETS

D E G

AD OVER I-94	F.A.I. RTE.	SECTION	COUNTY	TOTAL	SHEET NO.
JANTITIES	94	FAI 94 22 STRUCTURE 2	СООК	157	8
			CONTRACT	NO. 62	2R62
5 STA. N/A TO STA. N/A		ILLINOIS FED. A	D PROJECT		

					90%	FED / 10% STA	ГЕ
* =	SPEC	IALTY ITEM			0004	0010	0021
	DE ).	ITEM	UNIT	TOTAL QUANTITY	ROADWAY RECONSTR.	BRIDGE REPLACEMENT	HIGHWAY LIGHTING
58700	)300	CONCRETE SEALER	SQ FT	33767	31711	2056	
59100	0100	GEOCOMPOSITE WALL DRAIN	SQ YD	107		107	
60146	5304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	220		220	
60200	0105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2		
60255	5500	MANHOLES TO BE ADJUSTED	EACH	5	5		
60260	0100	INLETS TO BE ADJUSTED	EACH	2	2		
60500	060	REMOVING INLETS	EACH	1	1		
60600	0605	CONCRETE CURB, TYPE B	FOOT	45	45		
60624	4610	CORRUGATED MEDIAN (DOWELLED)	SQ FT	712	712		
€ 63000	0001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	638	638		
<b>6</b> 3100	045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	5	5		
63100	070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	2	2		
<b>6</b> 3100	085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	2		
<b>6</b> 3100	089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	4	4		

USER NAME = denisb DESIGNED - MA/DB REVISED -DELTA ENGINEERING GROUP, LLC 111 W JACKSON BLVD, SUTTE 910 CHICAGO, IL 60604 T 312377.7700, F 312.427 6145 MICHIGAN CITY ROAD STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DRAWN -DB REVISED -PLOT SCALE = 2.0000 ' / in. CHECKED - MA REVISED -PLOT DATE = 12/20/2024 DATE - 12/13/2024 REVISED -SCALE: N/A SHEET 07 OF 13 SHEETS

# $\Lambda$ REVISED SHEET 4/14/2025

		R I-94		F.A.I. RTE.	SECT	TION		COUNTY	TOTAL SHEETS	SHEET NO.
IANTITIES			94   FAI 94 22 STRUCTURE 2			COOK	157	10		
								CONTRACT	NO. 62	2R62
S STA. N/A TO STA. N/A					ILLINOIS	FED. AI	D PROJECT			

PECIALTY ITEM			90%	FED / 10% STAT	E
DN-PARTICIPATING ITEMS			0004	0010	0021
ITEM	UNIT	TOTAL QUANTITY	ROADWAY RECONSTR.	BRIDGE REPLACEMENT	HIGHWAY LIGHTING
REMOVAL OF LUMINAIRE, SALVAGE	EACH	8			8
SELECTIVE CLEARING	ACRE	1	1		
TEMPORARY ACCESS (FIELD ENTRANCE)	EACH	1	1		
CLASS D PATCHES, TYPE I, 10 INCH (SPECIAL)	SQ YD	240	240		
CLASS D PATCHES, TYPE II, 10 INCH (SPECIAL)	SQ YD	240	240		
BAR TERMINATOR	EACH	1304		1304	
STORM SEWERS TO BE CLEANED 12"	FOOT	279	279		
STORM SEWERS TO BE CLEANED 15"	FOOT	428	428		
STORM SEWERS TO BE CLEANED 18"	FOOT	408	408		
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPECIAL)	FOOT	661	661	3	
FILLING EXISTING RUMBLE STRIP	FOOT	1417	1417		
CHAIN LINK FENCE REMOVAL	FOOT	894	894		
CHAIN LINK GATES TO BE REMOVED AND RE-ERECTED	EACH	1	1		
ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	30	30		
	ITEM ITEM ITEM ITEM ITEM ITEM ITEM ITEM	N-PARTICIPATING ITEMS       ITEM       UNIT         REMOVAL OF LUMINATRE, SALVAGE       EACH         SELECTIVE CLEARING       ACRE         CELASS OF ALCESS (FIELD ENTRANCE)       EACH         CLASS D PATCHES, TYPE I, 10 INCH (SPECIAL)       SO YD         CLASS D PATCHES, TYPE II, 10 INCH (SPECIAL)       SO YD         DAR TERMINATOR       EACH         STORM SEWERS TO BE CLEANED 12*       FOOT         STORM SEWERS TO BE CLEANED 15*       FOOT         COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPECIAL)       FOOT         CHAIN LINK FENCE REMOVAL       FOOT         CHAIN LINK GATES TO BE REMOVED AND RE-ERECTED       EACH	NHARTICIPATING ITEMS     ITEM     UNIT     TOTAL QUANTITY       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	NHARATICIPATING ITEMS         OU04           ITEM         UNIT         QUARTING         READAWAY RECONSTR.           REMOVAL OF LUMINAIRE, SALVAGE         I         I         I           REMOVAL OF LUMINAIRE, SALVAGE         EACH         0         I           SELECTIVE CLEARING         ACRE         1         1           SELECTIVE CLEARING         ACRE         1         1           TEMPORARY ACCESS (FIELD ENTRANCE)         EACH         0         I           TEMPORARY ACCESS (FIELD ENTRANCE)         C         I         I           CLASS D PATCHES, TYPE I, 10 INCH (SPECIAL)         SO YD         240         240           CLASS D PATCHES, TYPE I, 10 INCH (SPECIAL)         SO YD         240         240           RAR TERMINATOR         EACH         1304         I           STORM SEVERS TO BE CLEANED 12'         FOOT         Z         Z           STORM SEVERS TO BE CLEANED 13'         FOOT         408         408           COMINATION CONCRETE CLIB AND GUTTER, TYPE B.6-24 (SPECTAL)         FOOT         408         408           COMINATION CONCRETE CLIB AND GUTTER, TYPE B.6-24 (SPECTAL)         FOOT         408         408           CHAIN LINK CARES TO BE REMOVED AND RE-ERECTED         FOOT         408 <t< td=""><td>MARATELIKATING ITEMS         0004         0010           ITEM         UNIT         TOLONATINY         ROADWAY, RENDERENT         RENDERENT           RENDERENT         CA         A         A           RENDERENT         CA         A         A           RENDERENT         CA         B         CA         A           RENDERENT         CA         CA         CA         A           SELECTIVE CLEARING         CA         CA         CA         CA           TEMEXARY ACCESS (FIELD ENTRANCE)         EAC         1         J         CA           CLASS D PATCHES, TYPE 11, 10 INCH (SPECIAL)         SO TO         240         240         CA           CLASS D PATCHES, TYPE 11, 10 INCH (SPECIAL)         CA         CA         CA         CA           CLASS D PATCHES, TYPE 11, 10 INCH (SPECIAL)         CA         CA         CA         CA           STOM SWERS TO BE CLEARED 15*         INCH (SPECIAL)         CA         CA         CA           STOM SWERS TO</td></t<>	MARATELIKATING ITEMS         0004         0010           ITEM         UNIT         TOLONATINY         ROADWAY, RENDERENT         RENDERENT           RENDERENT         CA         A         A           RENDERENT         CA         A         A           RENDERENT         CA         B         CA         A           RENDERENT         CA         CA         CA         A           SELECTIVE CLEARING         CA         CA         CA         CA           TEMEXARY ACCESS (FIELD ENTRANCE)         EAC         1         J         CA           CLASS D PATCHES, TYPE 11, 10 INCH (SPECIAL)         SO TO         240         240         CA           CLASS D PATCHES, TYPE 11, 10 INCH (SPECIAL)         CA         CA         CA         CA           CLASS D PATCHES, TYPE 11, 10 INCH (SPECIAL)         CA         CA         CA         CA           STOM SWERS TO BE CLEARED 15*         INCH (SPECIAL)         CA         CA         CA           STOM SWERS TO

# A REVISED SHEET 4/14/2025

D OVER I-94	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ANTITIES	94	FAI 94 22 STRUCTURE 2	СООК	157	15
			CONTRACT	NO. 62	2R62
STA. N/A TO STA. N/A		ILLINOIS FED. A	ID PROJECT		

ALIGNMENT/LOCATION	FRO	DM	т	0	AGG SUBGRADE IMPR 12	AGG BASE CSE B 2	AGG BASE CSE B 4	HMA BASE CSE 12 3/4	HMA SC IL- 9.5 D N70	PVT CON PCC BR APP SL	PCC PVT 10 JOINTD	PCC DRIVEWAY PAVT 5	PC CONC SIDEWALK 5	AGGREGAT E SHLDS B 6	PCC SHOULDERS 10	CONCRETE CURB, TYPE B	CORRUGATE D MED DOW	PROPOSED CURB AND	GUTTER				
	STATION	OFFSET	STATION	OFFSET	(SQ YD)	(30(10)	(30,10)	(30,10)	(TON)	(SQ YD)	(50,10)	(SQ YD)	(30(71)	(SQ YD)	(SQ YD)	(FOOT)	(SQFT)		FRO	M	т	ю	CC
EST OF BRIDGE - FULL PAVMT	397+20.00	23.65 LT	398+85.99	24.00 RT	951						615							ALIGNMENT/LOCATION					SPE
EST OF BRIDGE - GORE AREA	397+34.45	40.49 RT	398+86.00	24.00 RT	_90_1	7					110								STATION	OFFSET	STATION	OFFSET	(FC
4 EB ENTRANCE RAMP	397+16.08	37.09 RT	398+01.78	93.05 RT	(193)						148									$\sim$			$\varphi_{j}$
ST OF BRIDGE - FULL PAVMT	401+78.50	24.00 LT	403+20.00	24.44 RT	1065		000	\			750								397+20.0	23.00 DT	200105.00	24.00 LT	
4 EB SHOULDER	526+78.45	63.22 RT	527+85.00	42.93 RT	159		(481)	159	18-1					335					401+27.67	24.00 KT	403+20.0	24.00 KT	1
4 EB INSIDE LANE PAVEMENT	527+28.55	5.80 RT	528+13.48	9.56 RT	38		$\sim$	$\left( \begin{array}{c} 38 \end{array} \right)$	$\left( 5\right)$	7									401+63 50	24.0 LT	403+20.0	20.47 LT	
94 MEDIAN PAVEMENT	527+28.55	6.12 LT	528+13.48	6.60 RT	117		00-	A 117	14									I-94 SB ENTRANCE RAMP	397+10.67	55 12 RT	397+69.26	72.03 RT	6
94 WB SHOULDER	527+75.70	65.12 LT	528+61.12	55.27 LT	48		(335)	48	6					481					393+90.48	41.06 RT	394+03.12	52.60 RT	1
EST OF BRIDGE CONNECTOR	398+35.20	24.00 LT	398+86.00	24.00 RT			$\sim$			176								S NB BLACKSTONE AVE	394+32.28	38.87 RT	394+32.72	53.58 RT	1
AST OF BRIDGE CONNECTOR	401+27.67	24.00 LT	401+78.50	24.00 RT						176								EB OF STONY ISLAND AVE	405+62.17	16.20 RT	405+68.98	30.90 RT	1
B MCRD WEST OF BRIDGE	393+71.09	40.20 LT	393+83.06	41.02 LT								18						>					
/B MCRD SIDEWALK	393+29.87	39.77 LT	393+71.09	40.20 LT			27						238					TOTAL					6
/B MCRD SIDEWALK	393+83.06	41.02 LT	398+40.15	37.42 LT			499						4484					* NOMINAL QUANTITY FOR USE A	S DIRECTED BY THE	E ENGINEER P	OR SHOULDE	R REPAIRS	$\overline{}$
B MCRD SIIDEWALK	397+75.71	56.61 RT	398+85.99	24.00 RT		80							718										
B MCRD SIIDEWALK	394+32.72	42.68 RT	397+68.82	85.91 RT		261							2347										
B MCRD SIIDEWALK	393+80.47	44.61 RT	394+03.12	52.60 RT		239							66										
/B MCRD SIDEWALK	401+27.67	24.00 LT	403+72.34	26.58 LT			275						2466										
B MCRD SIIDEWALK	401+65.43	26.58 RT	405+68.98	30.90 RT		8							2143										
94 RAMP ENTRANCE LT SIDE	397+75.71	56.61 RT	398+35.77	75.30 RT											10								
94 RAMP ENTRANCE RT SIDE	397+53.83	69.94 RT	398+01.78	93.05 RT											8				EMOVAL				
EST OF BRIDGE GORE AREA	397+34.45	40.49 RT	398+09.31	24.00 RT													< 712 \		FROM		то	COME	3 CURB
B MCRD GORE AREA	397+68.83	44.77 RT	398+10.06	29.73 RT												45		ALIGNMENT/LOCATION				GUTTI	ER REM JOT)
OMINAL QUANTITY						2	$\infty^{1}$	1											STATION OFF	SET STAT	TION OFF	SET	
DTAL					(2661)	588		( 362 )	$\begin{pmatrix} 43 \end{pmatrix}$	352	1623	18	12462	816	18	45	(712)	WB OF MCRD BRIDGE	397+20.0 23.€	35'LT 23+	07.3 8.0	RT 1	25
NOMINAL QUANTITY FOR USE A	S DIRECTED	BY THE ENG	SINEER FOR	SHOULDER	REPAIRS		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		$\sim$									EB OF MCRD BRIDGE	397+79.4 35.2	28'RT 398+	+81.3 24.0	0'RT 8	<u></u> 84
																		WB OF MCRD BRIDGE	401+18.4 23.8	30'LT 403+	+20.0 43.4	7'LT 2	:02
																			401+716 265	8' PT 403-	200 224	A'IT 1	65

	FR	MC	т	0	SPBGR TY A 6FT POSTS	TRAF BAR TERM T2	TRAF BAR TERM T5	TRAF BAR TERM T6
ALIGNMENT/LOCATION	STATION	OFFSET	STATION	OFFSET	(FOOT)	(EACH)	(EACH)	(EACH)
WB MCRD WEST OF BRIDGE	397+85.12	26.58 LT	398+35.12	26.58 LT	50.0			
WB MCRD EAST OF BRIDGE	401+61.68	26.63 LT	402+99.18	26.63 LT	137.5			
EB MCRD WEST OF BRIDGE	398+24.64	34.08 RT	398+74.64	34.08 RT	50.0			
EB MCRD WEST OF BRIDGE	401+68.15	33.58 RT	401+93.15	33.58 RT	25.0			
STONY ISLAND AVE	402+97.53	56.35 RT	403+4302	38.64 RT	50.0			
EB I-94 SHOULDER	525+35.14	60.06 RT	526+60.13	59.15 RT	125.0			
WB I-94 SHOULDER	528+79.44	60.33 LT	530.79.44	62.66 LT	200.0			
WB MCRD WEST OF BRIDGE	397+72.62	26.58 LT	397+85.12	26.58 LT		1		
EB MCRD EAST OF BRIDGE	401+93.15	33.58 RT	402+05.65	33.58 RT		1		
STONY ISLAND AVE	403+43.02	38.64 RT	403+55.28	35.85 RT		1		
EB I-94 SHOULDER	526+60.13	59.15 RT	526+72.63	59.36 RT		1		
WB I-94 SHOULDER	528+66.94	60.33 LT	528+79.44	60.33 LT		1		
WB MCRD WEST OF BRIDGE	398+35.12	26.58 LT	398+47.62	26.58 LT			1	
EB MCRD EAST OF BRIDGE	401+55.65	33.58 RT	401+68.15	33.58 RT			1	
EB MCRD WEST OF BRIDGE	401+24.18	34.08 RT	401+61.68	34.08 RT				1
EB MCRD WEST OF BRIDGE	398+74.64	34.08 RT	399+12.14	34.08 RT				1
TOTAL			1		638	5	2	2

	FR	DM	T	0	TRAF BAR	TR BAR TRM	TERMINAL
ALIGNWENT/LOCATION	STATION	OFFSET	STATION	OFFSET	(EACH)	(EACH)	(EACH)
I-94 MEDIAN WB	526+96.33	2.44 LT	527+46.06	1.49' LT	1		
I-94 MEDIAN WB	401+61.68	26.63 LT	528+47.05	3.35 LT	1		
I-94 MEDIAN EB	526+96.33	2.31 RT	528+47.05	3.35 LT	1		
I-94 MEDIAN EB	527+46.37	1.65 RT	528+46.99	3.68 RT	1		
WB MCRD EAST OF BRIDGE	402+99.18	26.63 LT	403+24.18	26.30 LT		1	1
EB MCRD WEST OF BRIDGE	398+01.23	42.84 RT	398+24.64	34.08 RT		1	1
WB I-94 SHOULDER	530+79.44	62.66 LT	531+04.44	62.66 LT		1	1
EB I-94 SHOULDER	525+10.14	60.40 RT	525+35.14	60.06 RT		1	1
TOTAL	•		•		4	4	4

	DELTA ENGINEERING GROUP, LLC		enisb	DESIGNED -	MA/DB	REVISED -			MICHIGAN CITY ROAD OVER I-94		F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CONSULTING ENGINEERS, CONSTRUCTION MANAGERS, SURVEYORS 1111 W JACKSON BLVD, SUITE 910			DRAWN -	DB	REVISED -			SCHEDULE OF QUANTITIES		94	FAI 94 22 STRUCTURE 2	СООК	157	18
	CHICAGO, IL 60604 T 312.377.7700, F 312.427 6145 PLO	PLOT SCALE = 40	SCALE = 40.0000 / in	CHECKED -	MA	REVISED -	 DEPARTMENT OF TRANSPORTATION						CONTRAC <sup>®</sup>	T NO. 62	.R62
-		PLOT DATE = 4/11/2025 DATE	DATE -	12/13/2024	REVISED -		SCALE: N/A	SHEET 02 OF 02 SHEETS STA. N/A	TO STA. N/A		ILLINOIS FED. A	ID PROJECT			

### A REVISED 4-11-2025

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### GENERAL NOTES

- 1. Fasteners shall be ASTM F3125 Grade A325 Type 1, Fasteners shall be hot dip galvanized. See Special Provision for "Hot Dip Galvanizing for Structural Steel." Bolts  $\frac{7}{8}$  inches diameter. holes  $\frac{15}{16}$  inches diameter, unless otherwise noted.
- 2. Calculated weight of Structural Steel (Grade 50) = 621,290 Lbs. Calculated weight of Structural Steel (Grade 36) = 48.000 Lbs.
- 3. All structural steel shall be galvanized. See special provision for "Hot Dip Galvanizing for Structural Steel".
- 4. No field welding is permitted except as specified in the contract documents.
- 5. Reinforcement bars designated (E) shall be epoxy coated.
- 6. If the Contractor elects to use cantilever forming brackets on the exterior beams or girders, the brackets shall be placed at the same locations as required for the hardwood blocks in Article 503.06(b) of the Standard Specifications. If additional cantilever forming brackets are required, hardwood blocking shall be wedged between the exterior and first interior beam at each of these additional bracket locations.
- 7. Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of  $\frac{1}{8}$  inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
- 8. The fascia and underside of the exterior girders and their associated splice plates shall be shop painted with field touch up. The color of the final finish coat of paint shall be Interstate Green, Munsell No. 7.5G 4/8. See Special Provision for "Hot Dip Galvanizing for Structural Steel".
- 9. The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to address the presence of lead on this project.
- 10. Slipforming of the parapets is not allowed.

Sta. 526+86.68 Elev. 595.09

- 11. The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.
- 12. The Contractor shall provide a steel erection plan and calculations sealed by an Illinois licensed Structural Engineer for review and approval by the Engineer. Cost included in Furnishing and Erecting Structural Steel.
- 13. Concrete Sealer shall be applied to all exposed faces areas of pier.

### INDEX OF SHEETS

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General Plan And Elevation Protective ( General Data Removal of Substructure Lavout Protective s Temporary Soil Retention System Structure E Substructure Details Removal and Suggested Erection Plan Material for Concrete St Top of Slab Elevations - Layout Concrete Su Top of Slab Elevations - 1 Bridge Deck Top of Slab Elevations - 2 Top of West Approach Slab Elevations Concrete Su S-10 Top of East Approach Slab Elevations Furnishing a S-12 Superstructure Deck Plan Stud Shear S-13 Superstructure Cross Section Reinforceme Superstructure Details S-14 Reinforceme Paranet Elevation 5-15 Bicycle Rail S-16 Diaphragm Details Bridge Fenc West Approach Slab Plan 5-17 Parapet Rai East Approach Slab Plan S-18 Furnishing Approach Slab Details - 1 5-19 Driving Pile: 5-20 Approach Slab Details - 2 Test Pile Me Bicycle Railing, Curved & Parapet Railing (1 of 2) S-21 Pile Shoes Bicycle Railing, Curved & Parapet Railing (2 of 2) Name Plates Bridge Fence Railing, Curved (1 of 2) S-23 Drilled Shaf Bridge Fence Railing, Curved (2 of 2) 5-24 Drilled Shaf Drainage Scuppers, DS-11 S-25 Elastomeric Framing Plan Girder Elevation and Details Anchor Bolts S-27 Anchor Bolts Girder Details and Moment Table Temporary S S-29 Bearing Details West Abutment Plan and Elevation - 1 Mechanically Concrete Se West Abutment Plan and Elevation - 2 5-31 Bar Termina West Abutment Details S-33 West Abutment Wingwall Extension Drainage Sc East Abutment Plan and Elevation - 1 Diamond Gri 5-34 S-35 East Abutment Plan and Elevation - 2 East Abutment Wingwall Extension East Abutment Details 5-37 West MSE Wall Details 5-39 East MSE Wall Details MSE Wall Coping Details S-40 Pier Details - 1 5-41 5-42 Pier Details - 2 5-43 Metal Shell Piles Details S-44 Boring Logs - 1 S-45 Boring Logs - 2 S-46 Boring Logs - 3 5-47 Boring Logs - 4 5-48 Boring Logs - 5 5-49 Borina Loas – 6 S-50 Boring Logs - 7 Sta. 400+10.00 . 620.13 Elev. +3.15% *Sta. 398+10.00 Elev. 613.84* 402+10.00 Structure Limits Sta. 400.00' V.C.

PROFILE GRADE

Note

(Along & Michigan City Road)

The profile grade shows the final elevations after grindin

Elev. 595.09 5ta. 527+31.71 Elev. 595.84 Elev. 595.84 Elev. 596.35 Elev. 596.35	Sta. 528+56.43 Elev. 596.78 Elev. 595.31 Elev. 595.31	Sta. 527+31.71 Elev. 595.63 0.87 5ta. 527+71.76 Elev. 595.96 Elev. 595.96	Sta. 528+11.81
PROFILE GRADE		<u>PROFILE</u> GRA	ADE
(Along P.G.L. EB 1-94)		(Along P.G.L. WB I	(-94)

**D** E G

ITEM	UNIT	SUPER	SUB	TOTAL
oat	Sq yd	2,596		2,596
Existing Structures	Each			1
hield	Sq yd	1,074		1,074
xcavation	Cu yd		444	444
Disposal of Unsuitable Structures	Cu yd		314	314
ructures	Cu yd		334.6	334.6
perstructure	Cu yd	601.5		601.5
Grooving (Longitudinal)	Sq yd	1,480		1,480
perstructure (Approach slab)	Cu yd	202.8		202.8
and Erecting Structural Steel	L sum	1		1
Connectors	Each	5,430		5,430
nt Bars	Pound		62,690	62,690
nt Bars, Epoxy Coated	Pound	214,630	95,100	309,730
ing, Curved	Foot	( Ž18 ×	****	218)
e Railing, Curved	Foot	244		244 )
ling	Foot	( 274		274)
Aetal Shell Piles 16" x 0.312"	Foot		990	990
S	Foot		990	990
etal Shells	Each		2	2
	Each		20	20
	Each	1		1
t in Soil	Cu yd		207	207
it in Rock	Cu yd		8	8
Bearing Assembly, Type I	Each	10		10
5, 1"	Each	40		40
5, 1 1/4"	Each	20		20
Soil Retention System	Sq ft		342	342
Stabilized Earth Retaining Wall	Sq ft		4,092	4,092
aler	Sq ft		2,056	2,056
tors	Each	432	872	1,304
uppers, DS-11	Each	4		4
nding (Bridge Section)	Sq yd	1,480		1,480

### TOTAL BILL OF MATERIAL

⚠

STATION 400+00.00 BUILT 20 BY STATE OF ILLINOIS F.A.U. RTE. 3593 SEC. FAI 94 22 Structure 2 LOADING HL-93 STRUCTURE NO. 016-8320

> NAME PLATE See Std. 515001

ng.						Â		4-11-2	2025
DA	ТА		F.A.I. RTE	SEC	FION		COUNTY	TOTAL SHEETS	SHEET NO.
016-8320		94	FAI 94 22	Structure	2	СООК	157	71	
							CONTRACT	NO. 62	2R62
TS	STA.	TO STA.			ILLINOIS	FED. AI	D PROJECT		



5-15-20

1	along centerline of road	way at expansion joint.								Item	Unit	Quantity	1
								4	Bicycle I	Railing, Curved	Foot	<b>5</b> 218	$\mathbb{I}\mathbb{A}$
2	R-33	5 15 2022						<u>/1</u> REVISED 4-11-2025	Parapet	Railing	Foot	274	⊿∽
	<u>N 55</u>	J-1J-2023				-	-					$\underline{\longrightarrow}$	
5	DELTA ENGINEERING GROUP LLC	USER NAME = \$USER\$	DESIGNED - RC	REVISED	-				F.A.I. BTE	SECTION	COUNTY	TOTAL SHEETS	SHEET
ame 🖊	CONSULTAY EINORTHEERS, CONSTRUCTION MANAGERS, SURVEYORS 111 W JACKSON BLVD, SUITE 910		DRAWN - RM	REVISED	=	STATE OF ILLINOIS		DICTULE RAILING, CORVED & PARAPET RAILING (2012)	94	EAL 94 22 Structure 2	СООК	157	91
ч <b>b</b>	DE G THIA W JACKSON BLVD, SUITE 910 CHICAGO, IL 60604 T 312 377 7700, F 312 427 6145	PLOT SCALE = \$SCALE\$	CHECKED - SMK	K REVISED	-	DEPARTMENT OF TRANSPORTATION		51 KUGTUKE NO. 010-0320			CONTRA	CT NO 67	2R62
		PLOT DATE = \$DATE\$	DATE - 12/1	3/2024 REVISED	-		SCALE:	SHEET S-22 OF S-50 SHEETS STA. TO STA.		ILLINOIS FED.	AID PROJECT		

CVN testing is not required for the HSS tubing used

All fully threaded anchor rods shall be ASTM F1554 grade 105. The post base plate shall be fastened to the curb snug tight

Rail splice inserts may be built out of bent plates of the same thicknesses and outside geometry limits as the 4 plate rail

### **BILL OF MATERIAL**





# DESIGN SPECIFICATIONS

								RW-1
		F.A.I. RTE	SEC	TION		COUNTY	TOTAL SHEETS	SHEET NO.
		94	FAI 94 22	Structure	e 2	соок	157	120
						CONTRACT	NO. 62	2R62
STA.	TO STA.			ILLINOIS	FED. A	ID PROJECT		



DELTA ENGINEERING GROUP, LL consultation demonsteries, constructions managers, surveyor 111 W JACKSON BLVD, SUITE 910 CHICAGO, IL 60604 T 312.377.7700, F 312.427 6145 PLAN AND ELEVATION 1; STA. 39 STATE OF ILLINOIS DRAWN - RM REVISED -RETAINING WALL ALONG S **DEPARTMENT OF TRANSPORTATION** LOT SCALE = \$SCALE\$ CHECKED - SMK REVISED OF SHEETS LOT DATE = \$DATE\$ DATE 12/13/2024 REVISED -SCALE: SHEET

				SED 4	-11-2	025		RW-3
<u>م</u>	4+50 TO STA. 395+09.97	F.A.I. RTE	SECT	TION		COUNTY	TOTAL SHEETS	SHEET NO.
SI	HARED USE PATH	94	FAI 94 22	Structure	2	СООК	157	122
_						CONTRACT	NO. 62	2R62
5	STA. TO STA.			ILLINOIS	FED, AI	D PROJECT		



	ENGINEERING CROUP the	USER NAME = \$USER\$	DESIGNED -	RC	REVISED -				011 2- 0	TA 205
Δ DEL TAT	KSON BLVD. SUITE 910		DRAWN -	RM	REVISED -	STATE OF ILLINOIS			UN 2, 3	
E G CHICAGO,	, IL 60604 7700 E 312 427 6145	PLOT SCALE = \$SCALE\$	CHECKED -	SMK	REVISED -	DEPARTMENT OF TRANSPORTATION	ĸ	ETAINING	WALL A	
1012.071.7	1100,1 512,421 0145	PLOT DATE = \$DATE\$	DATE -	12/13/2024	REVISED -		SCALE:	SHEET	OF	SHEETS



				/1\ REVISED 4-11-2025							
									RW-		
5-1	-69.94 TO S	TA, 396+30.02	F.A.I. RTE	SEC	ΓION		COUNTY	TOTAL SHEETS	SHEE NO.		
SI	HARED USE	PATH	94	FAI 94 22	Structure	e 2	соок	157	124		
						CONTRACT	NO. 62	2R62			
5	STA.	TO STA.			ILLINOIS	FED. A	ID PROJECT				

### 



LOT SCALE = \$SCALE\$

PLOT DATE = \$DATE\$

CHECKED - SMK

- 12/13/2024

DATE

REVISED -

REVISED -

PLAN AND ELEVATION 4; STA. 39 STATE OF ILLINOIS RETAINING WALL ALONG **DEPARTMENT OF TRANSPORTATION** SCALE: SHEET OF SHEETS

### 1 REVISED 4-11-2025

				ZTA REVISED 4-11-2025 RW-6							
96+30.02 TO STA. 396+40 SHARED USE PATH			F A I RTE	SEC	SECTION COUNTY		COUNTY	TOTAL SHEETS	SHEET NO.		
			94	FAI 94 22 Structure 2			СООК	157	125		
			_				CONTRACT	NO. 62	2R62		
S !	STA.	TO STA.			ILLINOIS	FED. AI	ID PROJECT				





MATERIAL SPLICE



EXPANSION SPLICE

	DELTA ENGINEERING GROUP, LLC constitutes investment in the second standard and the lill W JACSON BLVD, SUITE 910 CHICAGO, IL 66004 T 312.377.7700, F 312.427 6145	USER NAME = \$USER\$	DESIGNED - RC	REVISED -						
			DRAWN - RM	REVISED -	STATE OF ILLINOIS	BICYCLE RAILING DE			ING DET	
		PLOT SCALE = \$SCALE\$	CHECKED - SMK	REVISED -	DEPARTMENT OF TRANSPORTATION	1				
		PLOT DATE = \$DATE\$	DATE - 12/13/2024	REVISED -		SCALE:	SHEET	OF	SHEETS	

$\Delta$			A REVISED 4-11-2025							
		F.A.I. RTE	SECT	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.		
$(1 \times 12)(2 \times 12)$		94	FAI 94 22 Structure 2			СООК	157	129		
						CONTRAC	T NO. 62	2R62		
STA.	TO STA.			ILLINOIS	FED, AI	D PROJECT				

All base plates used for the Paraper Railing shall be AASHTO M270 grade 50. All heavy hex nuts shall be according to ASTM A 563 grade DH. All fully threaded anchor rods shall be ASTM F1554 grade 105. The post base plate shall be fastened to the curb snug tight and given an additional 1/8" turn. Rail splice inserts may be built out of bent plates of the same thicknesses and outside geometry limits as the 4 plate rail All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications. .

Place reinforcement bars to miss anchor rod locations. CVN testing is not required for the HSS tubing used in the Bicycle Railing. All HSS tubing used for the Parapet Railing shall be CVN tested according to Article 1006.34(b) of the Standard Specifications. All HSS tubing used for the Parapet Railing shall be ASTM A500 grade C

Notes.

grade C.

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