

**INDEX OF SHEETS**

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED IN THE CITY OF CHICAGO

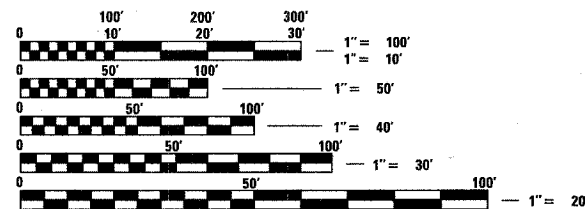
DAN RYAN EXPRESSWAY:	ADT (2010)	DESIGN SPEED	POSTED SPEED
NB I-94 (DAN RYAN)	151,800	60 MPH	55 MPH
NB I-94 (BISHOP FORD)	94,200	60 MPH	55 MPH
NB I-57	58,000	60 MPH	55 MPH
NB HALSTED STREET ENTRANCE RAMP	22,200	45 MPH	40 MPH
NB MICHIGAN AVENUE ENTRANCE RAMP	9,000	45 MPH	40 MPH
NB 95TH STREET ENTRANCE RAMP	10,600	45 MPH	40 MPH
NB 87TH STREET EXIT RAMP	11,600	45 MPH	40 MPH
NB 87TH STREET ENTRANCE RAMP	14,300	45 MPH	40 MPH
NB 83RD STREET C-D ENTRANCE RAMP	8,100	45 MPH	40 MPH
NB 79TH STREET C-D EXIT RAMP	14,000	45 MPH	40 MPH
NB 79TH STREET C-D ENTRANCE RAMP	9,200	45 MPH	40 MPH
NB 76TH STREET C-D EXIT RAMP	7,200	45 MPH	40 MPH
NB 75TH STREET C-D ENTRANCE RAMP	11,300	45 MPH	40 MPH
NB 71ST STREET C-D EXIT RAMP	6,600	45 MPH	40 MPH
EB I-57 TO I-94 CROSS-CONNECTOR	22,800	50 MPH	50 MPH
WB I-94 TO I-57 CROSS-CONNECTOR	24,900	50 MPH	50 MPH

**PROJECT DESCRIPTION**

THE PROPOSED IMPROVEMENT CONSISTS OF PAVEMENT AND CTA BARRIER WALL RECONSTRUCTION, WIDENING, RAMP TERMINALS, SHOULDERS, AND DRAINAGE MODIFICATIONS ALONG NB I-94 (DAN RYAN & BISHOP FORD) AND NB I-57; AND PAVEMENT RESURFACING ALONG NB I-94 (BISHOP FORD) AND WB I-94 TO I-57 CONNECTOR.

S.N. 016-2852: NORTHBOUND I-57 BRIDGE OVER WESTBOUND I-94 TO I-57 CONNECTOR - RECONSTRUCTION

S.N. 016-0073: NORTHBOUND I-57 OVER SOUTHBOUND BISHOP FORD & CTA TUNNELS - ROOF REPAIRS AND WATERPROOFING



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

DIGGER:  
CHICAGO UTILITY ALERT NETWORK  
(312) 744-7000

CTA CONTACT:  
MARVIN A. WATSON,  
GENERAL MANAGER, CONSTRUCTION  
(312) 681-3860

**CONTRACT NO. 62304**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED HIGHWAY PLANS**

F.A.I. ROUTE 94 (DAN RYAN EXPRESSWAY)

SECTION (1516.1, 1717, & 1818) R-4

PROJECT NO.: IM-94-3(402)061

I-57 TO 79TH STREET

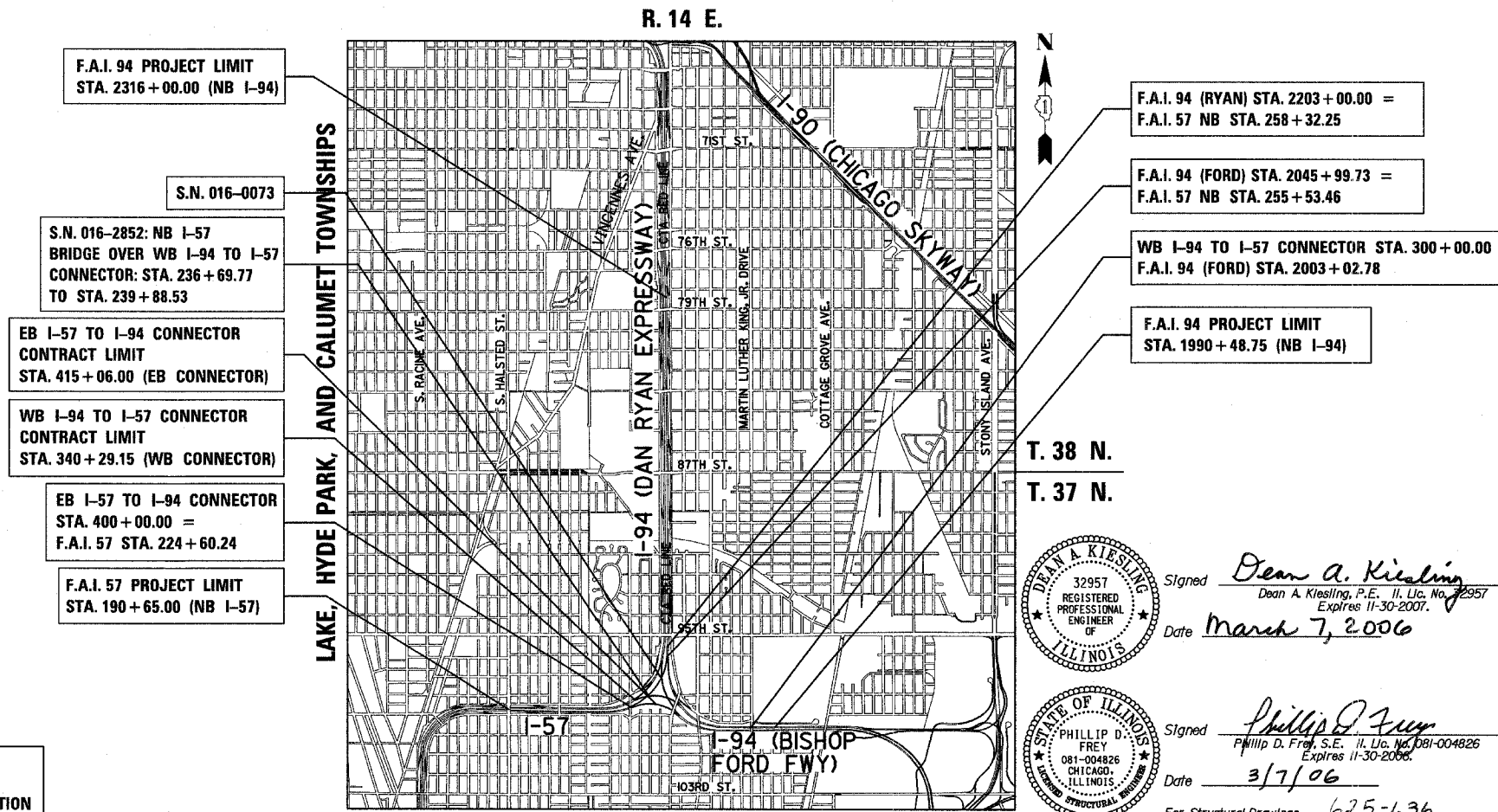
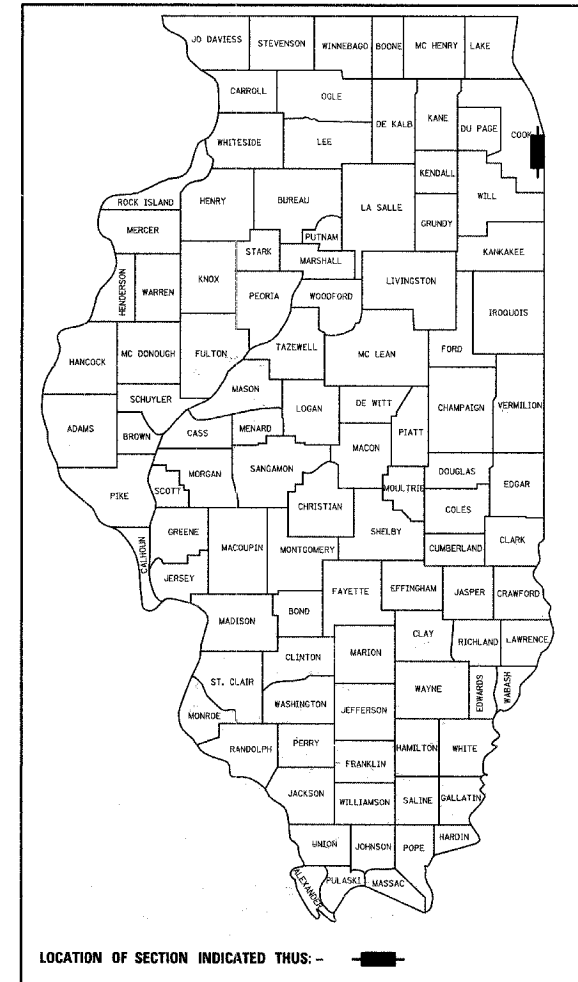
NB LANES 1 - 5, SHOULDERS & CTA BARRIER WALL

COOK COUNTY

C-91-421-01

**VOL. 1 OF 2**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	96	1
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
D-91-421-01	(1516.1, 1717, & 1818) R-4	62304		



LOCATION MAP

GROSS LENGTH OF PROJECT = 29153.4 FT. = 5.521 MI.  
NET LENGTH OF PROJECT = 29153.4 FT. = 5.521 MI.  
MAP SCALE: 1" = 1/2 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

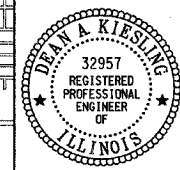
SUBMITTED March 8 2006

Diane M. O'Keefe / ctd  
DISTRICT ENGINEER

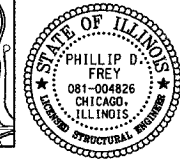
ENGINEER OF DESIGN AND ENVIRONMENT

DIRECTOR, DIVISION OF HIGHWAYS

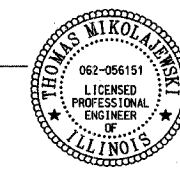
CONTRACT 20



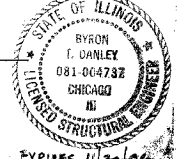
Signed Dean A. Kiesling  
Dean A. Kiesling, P.E., Ill. Lic. No. 32957  
Expires 11-30-2007.  
Date March 7, 2006



Signed Phillip D. Frey  
Phillip D. Frey, S.E., Ill. Lic. No. 081-004826  
Expires 11-30-2006.  
Date 3/7/06



Signed Thomas Mikolajewski  
Thomas Mikolajewski, P.E., Ill. Lic. No. 062-056151  
Expires 11-30-2007.  
Date March 7, 2006  
For Electrical Drawings 478-524



Signed Byron J. Danley  
Byron J. Danley, S.E., Ill. Lic. No. 081-064732  
Expires 11-30-2006.  
Date 3/7/06  
For Structural Drawings 562-624

**TYLIN INTERNATIONAL**

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Rev. 5-11-06

DISTRICT ONE DESIGN / PROJECT MANAGER:  
BRIAN KUTTAB (847) 705 - 4431



**SUMMARY OF QUANTITIES**

CODE NUMBER	ITEM DESCRIPTION	UNIT	URBAN TOTAL	URBAN - 90% FEDERAL 10% STATE						
				I.M DAN RYAN J000-2A	I.M DAN RYAN I000-2A	I.M LIGHTING Y030-1E	I.M SIGNING Y002-1C	N.H.E. BRK.FED. 20% STATE J000-2A	STRUCTURAL Y007 WALL C	X711-2A SNO16-2852
20100110	TREE REMOVAL (6-15 UNIT DIAMETER)	UNIT	1208	1208						
20100210	TREE REMOVAL (>15 UNIT DIAMETER)	UNIT	366	366						
20101000	TEMPORARY FENCE	FOOT	4456	4456						
20200100	EARTH EXCAVATION	CU YD	152,089	132,204				19,825		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	13,770	13,770						
20200410	EARTH EXCAVATION (SPECIAL)	CU YD	725	725						
20700220	POROUS GRANULAR EMBANKMENT	CU YD	195	184						
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	1463						1463	
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	2899	2899						
20800150	TRENCH BACKFILL	CU YD	7050	6225	825					
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	178227	150818				27,409		
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	54,955	48,201	6754					
* 21101630	TOPSOIL FURNISH AND PLACE, 8"	SQ YD	4837	4837						
* 21101645	TOPSOIL FURNISH AND PLACE, 12"	SQ YD	37,509	31,862	5647					
* 21101825	COMPOST FURNISH AND PLACE, 6"	SQ YD	39,748	34,101	5647					
* 25000210	SEEDING, CLASS 2A	ACRE	13.00	11.50	1.50					
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1234	1099	135					
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1228	1093	135					
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1225	1090	135					
* 25000750	MOWING	ACRE	43.25	38.25	5.00					
* 25001800	SEEDING, CLASS 4 (MODIFIED)	ACRE	4.50	3.25	1.25					
* 25001820	SEEDING, CLASS 5 (MODIFIED)	ACRE	3.25	3.25						
* 25002014	SEEDING, CLASS 4A (MODIFIED)	ACRE	3.25	3.25						
* 25100630	EROSION CONTROL BLANKET	SQ YD	96,485	84,084	12,401					
* 25200200	SUPPLEMENTAL WATERING	UNIT	4981	4335	646					
* 28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	45	30	15					
* 28000250	TEMPORARY EROSION CONTROL SEEDINGS	POUND	1954	1795	159					
* 28000300	TEMPORARY DITCH CHECKS	EACH	61	55	6					
* 28000510	INLET FILTERS	EACH	29	29						
28001000	AGGREGATE (EROSION CONTROL)	TONS	2	1	1					
31101400	SUB-BASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	1974		1974					
31101810	SUB-BASE GRANULAR MATERIAL, TYPE B 12"	SQ YD	2986	2986						
31101860	SUB-BASE GRANULAR MATERIAL, TYPE B 24"	SQ YD	179673	152,204				27,409		

- \* - SPECIALTY ITEM
- - IDOT PAY CODE SFTY-3N
- ⊙ - NON-PARTICIPATING

**TYLIN** INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)

**SUMMARY OF QUANTITIES**  
SHEET 1 OF 9

SCALE: NONE      DRAWN BY: RTM  
DATE: MARCH 7, 2006      CHECKED BY: MPG

Rev. 5-11-06

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	URBAN TOTAL	URBAN - 90% FEDERAL, 10% STATE					STRUCTURAL - IM			
				IM DAN RYAN J000-2A	IM DAN RYAN I000-2A	IM LIGHTING Y030-1E	IM SIGNING Y002-1C	IM SIGNING Y002-1C	Y007 WALL C	X771-2A SNO16-2852	S881-2A SNO16-0073	
31102300	SUB-BASE GRANULAR MATERIAL, TYPE C 6"	SQ YD	828.0								828	
35300720	PORTLAND CEMENT CONCRETE BASE COURSE 13"	SQ YD	754		754							
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	9.1	0.2	8.9							
40600300	AGGREGATE (PRIMECOAT)	TON	46	1	45							
40600895	CONSTRUCTING TEST STRIP	EACH	2		2							
40601000	BITUMINOUS REPLACEMENT OVER PATCHES	TON	56		56							
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	2757	2757								
42001300	PROTECTIVE COAT	SQ YD	195,113	191,629	3484							
42001400	BRIDGE APPROACH PAVEMENT (SPECIAL)	SQ YD	391							391		
42100380	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14"	SQ YD	127554	100,145			27,409					
42101426	LUG SYSTEM COMPLETE 26'	EACH	3	3								
42101436	LUG SYSTEM COMPLETE 36'	EACH	1	1								
44000004	BITUMINOUS SURFACE REMOVAL 1"	SQ YD	17684	17684								
44000006	BITUMINOUS SURFACE REMOVAL 1 1/2"	SQ YD	3107	147	2960							
44000011	BITUMINOUS SURFACE REMOVAL 4"	SQ YD	6733		6733							
44000100	PAVEMENT REMOVAL	SQ YD	120,254	120,254								
44000106	BITUMINOUS REMOVAL OVER PATCHES 1 1/2"	SQ YD	669		669							
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	17884	15337	2547							
44001980	CONCRETE BARRIER REMOVAL	FOOT	13112	12192	920							
44003510	MEDIAN REMOVAL PARTIAL DEPTH	SQ FT	4918	4918								
44004250	PAVED SHOULDER REMOVAL	SQ YD	42464	24,561	2478		15,425					
44004260	PAVED SHOULDER REMOVAL (SPECIAL)	SQ YD	2044	2044								
44004400	PAVEMENT REMOVAL (SPECIAL)	SQ YD	4372	4372								
44201427	CLASS C PATCHES, TYPE II, 16 INCH	SQ YD	134		134							
44201431	CLASS C PATCHES, TYPE III, 16 INCH	SQ YD	148		148							
44201433	CLASS C PATCHES, TYPE IV, 16 INCH	SQ YD	422		422							
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	11,709	11,709								
48101200	AGGREGATE SHOULDERS, TYPE B	TON	379	379								
48300400	PORTLAND CEMENT CONCRETE SHOULDERS 9"	SQ YD	325		325							
48300800	PORTLAND CEMENT CONCRETE SHOULDERS 13"	SQ YD	912		912							
50100200	REMOVAL OF EXISTING STRUCTURES	L SUM	1							1		
50102400	CONCRETE REMOVAL	CU YD	29		2		12	5			10	
50200100	STRUCTURE EXCAVATION	CU YD	5950		616			861			4473	
50300150	NEOPRENE EXPANSION JOINT 2"	FOOT	242								242	

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TYLIN INTERNATIONAL

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ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)

SUMMARY OF QUANTITIES  
 SHEET 2 OF 9

SCALE: NONE  
 DATE: MARCH 7, 2006

DRAWN BY: RTM  
 CHECKED BY: MPG

Rev. 5-11-06 Rev.



**SUMMARY OF QUANTITIES**

CODE NUMBER	ITEM DESCRIPTION	UNIT	URBAN TOTAL	URBAN - 90% FEDERAL, 10% STATE								
				DAN RYAN J000-2A	DAN RYAN I000-2A	LIGHTING Y030-1E	I.T.S. Y032-1F	SIGNING Y002-1C	STRUCTURAL			
									Y007 WALL C	X071-2A SNO16-2852	S077-2A SNO16-0073	
50300225	CONCRETE STRUCTURES	CU YD	2505	265				10	85	2145		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	318							219	99	
50300260	BRIDGE DECK GROOVING	SQ YD	716							716		
50300300	PROTECTIVE COAT	SQ YD	4822	1477				24	241	3080		
50300440	ERECTING ELASTOMERIC BEARING ASSEMBLY, TYPE 1	EACH	8							8		
X0325305	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5")	SQ FT	10						10			
50400605	PRECAST, PRESTRESSED CONCRETE DECK BEAMS (33" DEPTH)	SQ FT	8087							8087		
50500305	ERECTING STRUCTURAL STEEL	L SUM	1							1		
XX003515	PRECAST, PRESTRESSED CONCRETE DECK BEAMS (42" DEPTH)	SQ FT	11,265							11,265		
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	300							300		
50500505	STUD SHEER CONNECTORS	EACH	3558							3558		
* 50700209	UNTREATED TIMBER LAGGING	SQ FT	2980	2980								
50700211	FURNISHING SOLDIER PILES (HP SECTION)	FOOT	3816	3816								
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	295,010	23240				2210	16800	243600	9160	
50900805	PEDESTRIAN RAILING	FOOT	690								690	
51500100	NAME PLATES	EACH	1							1		
550A0340	STORM SEWERS, CLASS A, TYPE 2, 12"	FOOT	7755	6578	1177							
550A0360	STORM SEWERS, CLASS A, TYPE 2, 15"	FOOT	5715	5495	220							
550A0380	STORM SEWERS, CLASS A, TYPE 2, 18"	FOOT	933	677	256							
550A0400	STORM SEWERS, CLASS A, TYPE 2, 21"	FOOT	63	63								
550A0410	STORM SEWERS, CLASS A, TYPE 2, 24"	FOOT	985	503	482							
550A0420	STORM SEWERS, CLASS A, TYPE 2, 27"	FOOT	317	136	181							
550A0430	STORM SEWERS, CLASS A, TYPE 2, 30"	FOOT	709	583	126							
550A0450	STORM SEWERS, CLASS A, TYPE 2, 36"	FOOT	376	376								
550A0470	STORM SEWERS, CLASS A, TYPE 2, 42"	FOOT	47	47								
550A0480	STORM SEWERS, CLASS A, TYPE 2, 48"	FOOT	96	96								
550A0660	STORM SEWERS, CLASS A, TYPE 3, 15"	FOOT	409	409								
550A0680	STORM SEWERS, CLASS A, TYPE 3, 18"	FOOT	595	595								
550A0700	STORM SEWERS, CLASS A, TYPE 3, 21"	FOOT	312	312								
550A0710	STORM SEWERS, CLASS A, TYPE 3, 24"	FOOT	1122	1122								
550A0720	STORM SEWERS, CLASS A, TYPE 3, 27"	FOOT	285	285								
550A0730	STORM SEWERS, CLASS A, TYPE 3, 30"	FOOT	165		165							
550A0750	STORM SEWERS, CLASS A, TYPE 3, 36"	FOOT	238	238								
550A0780	STORM SEWERS, CLASS A, TYPE 3, 48"	FOOT	367	367								

- \* - SPECIALTY ITEM
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- - NON-PARTICIPATING

**TYLIN INTERNATIONAL**

REVISIONS	
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)

**SUMMARY OF QUANTITIES**  
SHEET 3 OF 9

SCALE: NONE      DRAWN BY: RTM  
DATE: MARCH 7, 2006      CHECKED BY: MPG

Rev. 5-11-06

**SUMMARY OF QUANTITIES**

CODE NUMBER	ITEM DESCRIPTION	UNIT	URBAN TOTAL	URBAN - 90% FEDERAL, 10% STATE								
				DAN RYAN J000-2A	DAN RYAN I000-2A	LIGHTING Y030-1E	I.T.S. Y032-1F	SIGNING Y002-1C	STRUCTURAL			
									Y007 WALL C	X771-2A SNO16-2852	SFTY-2A SNO16-0073	
550A0940	STORM SEWERS, CLASS A, TYPE 4, 12"	FOOT	45	45								
550A0980	STORM SEWERS, CLASS A, TYPE 4, 18"	FOOT	183	183								
550A1010	STORM SEWERS, CLASS A, TYPE 4, 24"	FOOT	126	126								
550A1030	STORM SEWERS, CLASS A, TYPE 4, 30"	FOOT	443	443								
550A1080	STORM SEWERS, CLASS A, TYPE 4, 48"	FOOT	317	317								
550A1350	STORM SEWERS, CLASS A, TYPE 5, 48"	FOOT	252	252								
550A1860	STORM SEWERS, CLASS A, TYPE 7, 18"	FOOT	147	147								
55035800	STORM SEWERS, TYPE 2, ELLIPTICAL, SPAN 53, RISE 34	FOOT	509	509								
55100300	STORM SEWER REMOVAL 8"	FOOT	3	3								
55100400	STORM SEWER REMOVAL 10"	FOOT	3653	3565	88							
55100500	STORM SEWER REMOVAL 12"	FOOT	6764	6598	166							
55100700	STORM SEWER REMOVAL 15"	FOOT	1437	1437								
55100900	STORM SEWER REMOVAL 18"	FOOT	1931	1931								
55101100	STORM SEWER REMOVAL 21"	FOOT	27	27								
55101200	STORM SEWER REMOVAL 24"	FOOT	1098	1098								
55101400	STORM SEWER REMOVAL 30"	FOOT	16	16								
55101600	STORM SEWER REMOVAL 36"	FOOT	56	56								
552A0900	STORM SEWERS JACKED IN PLACE, CLASS A 24"	FOOT	45	45								
58000110	MEMBRANE WATERPROOFING (SPECIAL)	SQ FT	22,173							22,173		
58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	500								500	
58700200	BRIDGE SEAT SEALER	SQ FT	643							643		
59000100	EPOXY CRACK SEALING	FOOT	100						100			
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	1163							1163		
60107700	PIPE UNDERDRAINS 6"	FOOT	43160	43160								
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	1026	1026								
60109582	PIPE UNDERDRAINS FOR STRUCTURES 6"	FOOT	596							596		
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	5	5								
60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	328	303	25							
60206120	CATCH BASINS, TYPE A, SPECIAL, 5'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	1	1								
60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	39	36	3							
60208210	CATCH BASINS, TYPE C, TYPE 20 FRAME AND GRATE	EACH	2	2								
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	16	14	2							

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**TYLIN** INTERNATIONAL

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ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)

**SUMMARY OF QUANTITIES**  
SHEET 4 OF 9

SCALE: NONE      DRAWN BY: RTM  
DATE: MARCH 7, 2006      CHECKED BY: MPG

Rev. 5-11-06

### SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	URBAN TOTAL	URBAN - 90% FEDERAL, 10% STATE								
				DAN RYAN J000-2A	DAN RYAN I000-2A	LIGHTING Y030-1E	I.T.S. Y032-1F	SIGNING Y002-1C	STRUCTURAL			
									Y007 WALL C	X771-2A SNO16-2852	S004-2A SNO16-0073	
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	41	32	9							
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	13	12	1							
60226730	MANHOLES, DROP TYPE, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2								
60247800	JUNCTION CHAMBERS	EACH	3	3								
60237420	INLETS, TYPE A, TYPE 20 FRAME & GRATE	EACH	11	10	1							
60250200	CATCH BASINS TO BE ADJUSTED	EACH	44	44	△							
<del>60252800</del>	<del>CATCH BASINS TO BE RECONSTRUCTED</del>	<del>EACH</del>	<del>1</del>	<del>1</del>	<del>△</del>							
60255500	MANHOLES TO BE ADJUSTED	EACH	98	90	8							
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	11	10	1							
60500040	REMOVING MANHOLES	EACH	97	93	4							
60500050	REMOVING CATCH BASINS	EACH	207	191	16							
60500060	REMOVING INLETS	EACH	74	64	10							
60500105	FILLING MANHOLES	EACH	8	8								
60500205	FILLING CATCH BASINS	EACH	7	7								
60608521	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24	FOOT	369.0	156.5	212.5							
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	28,111	22,101	6010							
60618324	CONCRETE MEDIAN SURFACE, 6 INCH (SPECIAL)	SQ FT	9143	7932	1211							
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	14	11	3							
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	EACH	14	11	3							
63700400	CONCRETE BARRIER, DOUBLE FACE (SPECIAL)	FOOT	225	225								
63700805	CONCRETE BARRIER TRANSITION	FOOT	571	526	45							
64200105	SHOULDER RUMBLE STRIPS	FOOT	44757	36326	8431							
* 66400560	CHAIN LINK FENCE, 6' (SPECIAL)	FOOT	8889	8861				28				
* 66402900	CHAIN LINK GATE, 6' x 6' SINGLE	EACH	11	11								
66410300	CHAIN LINK FENCE REMOVAL	FOOT	378	258					120			
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	16,565	16,565	△							
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1								
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2								
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	15	15								
67100100	MOBILIZATION	L SUM	1	0.8	0.2							
* 70102550	TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR	EACH	2					2				
* 70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	66,110	55,460	10650							
* 70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	96,811	96,811								

- \* - SPECIALTY ITEM
- - IDOT PAY CODE SFTY-3N
- - NON-PARTICIPATING

**TYLIN** INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)

**SUMMARY OF QUANTITIES**  
 SHEET 5 OF 9

SCALE: NONE      DRAWN BY: RTM  
 DATE: MARCH 7, 2006      CHECKED BY: MPG

△ Rev. 5-11-06

**SUMMARY OF QUANTITIES**

CODE NUMBER	ITEM DESCRIPTION	UNIT	URBAN TOTAL	URBAN - 90% FEDERAL, 10% STATE								
				DAN RYAN J000-2A	DAN RYAN I000-2A	LIGHTING Y030-1E	I.T.S. Y032-1F	SIGNING Y002-1C	STRUCTURAL			
									Y007 WALL C	X771-2A SNO16-2852	SFTY-2A SNO16-0073	
* 70300530	PAVEMENT MARKING TAPE, TYPE III 5"	FOOT	8161	8161								
* 70300550	PAVEMENT MARKING TAPE, TYPE III 8"	FOOT	27,911	27,911								
* 70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	4,304	4,304								
* 70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	145,581	127,784	17797							
70400100	TEMPORARY CONCRETE BARRIER	FOOT	38,840	33,320	5520							
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	72,070	63,550	8520							
* 72000100	SIGN PANEL - TYPE 1	SQ FT	63					63				
* 72000200	SIGN PANEL - TYPE 2	SQ FT	175					175				
* 72000300	SIGN PANEL - TYPE 3	SQ FT	790					790				
* 72300100	INSTALL EXISTING SIGN PANEL	SQ FT	242					242				
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	12					12				
* 72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	28					28				
* 72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	12					12				
* 72400730	RELOCATE SIGN PANEL - TYPE 3	SQ FT	300					300				
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	99					99				
* 73000100	WOOD SIGN SUPPORT	FOOT	500					500				
* 73300100	OVERHEAD SIGN SUPPORT STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	181					181				
* 73301000	OVERHEAD SIGN STRUCTURE - SPAN (SPECIAL)	FOOT	96					96				
* 73305000	OVERHEAD SIGN STRUCTURE WALKWAY	FOOT	86					86				
* 73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	45					45				
* 73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	3					3				
* 73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	9					9				
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	110		110							
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	12356	1416	10940							
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1682		1682							
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	726	32	694							
* 78003120	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 5"	FOOT	1128	354	774							
* 78003140	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"	FOOT	201		201							
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	122,857	83,688	39169							
* 78005120	EPOXY PAVEMENT MARKING - LINE 5"	FOOT	15924	14802	1122							
* 78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	25335	25335								
* 78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	4278	4278								

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**TYLIN** INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**

**SUMMARY OF QUANTITIES**  
**SHEET 6 OF 9**

SCALE: NONE      DRAWN BY: RTM  
DATE: MARCH 7, 2006      CHECKED BY: MPG

Rev 5-11-06

**SUMMARY OF QUANTITIES**

CODE NUMBER	ITEM DESCRIPTION	UNIT	URBAN TOTAL	URBAN - 90% FEDERAL, 10% STATE								
				DAN RYAN J000-2A	DAN RYAN I000-2A	LIGHTING Y030-1E	I.T.S. Y032-1F	SIGNING Y002-1C	STRUCTURAL			
									Y007 WALL C	X771-2A SN016-2552	SFTY-2A SN016-0073	
* 78008210	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4"	FOOT	36368	36368								
* 78008220	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 5"	FOOT	16123	16123								
* 78008240	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 8"	FOOT	15580	15580								
* 78008250	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12"	FOOT	3022	2981	41							
* 78008270	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 24"	FOOT	16	16								
* 78100100	RAISED REFLECTIVE PAVEMENT MARKERS	EACH	1862	1746	116							
* 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	16	16								
* 78200100	MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR	EACH	5394	4184	1210							
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	56	44	12							
* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	287	257	30							
* 78201000	TERMINAL MARKERS, DIRECT APPLIED	EACH	14	11	3							
* 78300100	PAVEMENT MARKING REMOVAL	SQ FT	25500	21058	4442							
* 80700140	GROUND ROD, 5/8" DIA. X 10 FT.	EACH	15			15						
* 81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	1227			1227						
* 81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	250			250						
* 81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	272			272						
* 81023750	CONDUIT ENCASED IN CONCRETE, 3" DIA., PVC	FOOT	663				663					
* 81400200	HEAVY-DUTY HANDHOLE	EACH	25				25					
* 81400205	HEAVY-DUTY HANDHOLE, SPECIAL	EACH	2				2					
* 81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	3043			3043						
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	135			135						
* 84200705	LIGHTING FOUNDATION REMOVAL, PARTIAL	EACH	130			130						
* 87900200	DRILL EXISTING HANDHOLE	EACH	8			8						
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2				2					
<del>X0325387</del>	<del>REMOVAL OF EXISTING SUPERSTRUCTURES, I-94 TUNNEL</del>	<del>EACH</del>	<del>1</del>									
<del>X0643510</del>	<del>CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED (CTA)</del>	<del>FOOT</del>	<del>23</del>					23				
<del>X0325369</del>	<del>REMOVAL OF EXISTING SUPERSTRUCTURES, CTA TUNNEL</del>	<del>EACH</del>	<del>1</del>									
* X0325315	CONDUIT ENCASED, REINFORCED CONCRETE, 6 - 4" DIA., CNC AND 2 - 2" DIA., CNC	FOOT	140			140						
* X0325316	CONDUIT IN TRENCH, 2" DIA., CNC	FOOT	92			92						
X0325318	LIGHTWEIGHT CELLULAR CONCRETE FILL	CU YD	968					968				
X0325314	LUG SYSTEM COMPLETE 38'	EACH	2	2								
* X2500322	SEEDING, CLASS 5A (MODIFIED)	ACRE	4.50	3.25	1.25							
X0325317	TEMPORARY SOIL RETENTION SYSTEM (BRIDGE)	SQ FT	13038							13038		
* C2C05818	SHRUB, RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC), 18" WIDTH, CONTAINER	EACH	105	105								

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- - IDOT PAY CODE SFTY-3N
- - NON-PARTICIPATING

**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**

**SUMMARY OF QUANTITIES**  
**SHEET 7 OF 9**

SCALE: NONE      DRAWN BY: RTM  
DATE: MARCH 7, 2006      CHECKED BY: MPG

△ Rev. 5-11-06



SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	916	15
STA. 190+65 (NB I-57) TO STA. 2316+00 (NB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717, & 1818) R-4				
				62304

CODE NUMBER	ITEM DESCRIPTION	UNIT	URBAN TOTAL	URBAN - 90% FEDERAL, 10% STATE								
				DAN RYAN J000-2A	DAN RYAN I000-2A	LIGHTING Y030-1E	I.T.S. Y032-1F	SIGNING Y002-1C	STRUCTURAL			
									Y007 WALL C	X771-2A SNO16-2852	S674-2A SNO16-0073	
* E20200G1	VINE-PARTHENOCISSUS QUINQUEFOLIA (VIRGINIA CREEPER), 1-GALLON POT	EACH	712	712								
* E20220G1	VINE-PARTHENOCISSUS TRICUSPIDATA (BOSTON IVY), 1-GALLON POT	EACH	516	516								
* K0030400	PERENNIAL PLANTS, DAYLILIES	UNIT	11	11								
X0300057	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	11	7	4							
△ X0322932	SILICONE JOINT SEALER, 1.5"	FOOT	300							300		
⊙ X0320333	ROADWAY CLEANING (SPECIAL)	EACH	28	28								
△ X0320682	FIELD MEASUREMENTS	L SUM	1									
X0320870	BRACED EXCAVATION	CU YD	8					8				
X0321027	DRILLING GROUT HOLES	FOOT	960	960								
X0321430	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC), SPECIAL	SQ YD	849							849		
* X0321866	REMOVE, STORE, AND RE-ERECT SIGN PANEL	SQ FT	866					866				
* X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	1612	96				1516				
X0322434	LIGHT TOWER SERVICE PAD, SPECIAL	EACH	1	1								
X0322671	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	3360	3360								
* X0322859	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	17	17								
△ X0322934	POLYMER CONCRETE	CU YD	-3							-3		
* ⊙ X0323426	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	EACH	58	58								
X0323830	DRAINAGE SCUPPERS, DS-11	EACH	1							1		
X0323907	COMMUNICATIONS VAULT	EACH	1				1					
* X0323973	SEDIMENT CONTROL, SILT FENCE	FOOT	17,097	15,582	2315							
* X0323974	SEDIMENT CONTROL, SILT FENCE MAINTENANCE	FOOT	4516	3937	579							
X0323988	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	12,957	12,957								
X0324112	BARRIER BASE	FOOT	22725	21663	1062							
X0324455	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	10237	10237								
* X0324469	CONDUIT ENCASED, REINFORCED CONCRETE, 2 - 4" DIA., CNC	FOOT	124			124						
* X0324471	CONDUIT ENCASED, REINFORCED CONCRETE, 4 - 4" DIA., CNC	FOOT	373			373						
* X0324646	CONDUIT ENCASED, REINFORCED CONCRETE, 6 - 4" DIA., CNC	FOOT	927			927						
X0324697	SOIL STABILIZERS	POUND	170000	170000								
X0324698	APPLYING DUST SUPPRESSION AGENT	UNIT	147	147								
* X0324980	CONDUIT ENCASED, REINFORCED CONCRETE, 3 - 4" DIA., CNC AND 1 - 2" DIA., CNC 2 WIDE X 2 HIGH	FOOT	65			65						
X0325082	CTA BARRIER REMOVAL	FOOT	8152	8152								
* X0325083	CTA FENCE	FOOT	8295	8295								
* X0325084	CTA GATES	EACH	11	11								
X0325088	PLACEMENT OF CEMENT GROUT	CU FT	2400	2400								
X0325089	CONNECTION TO GROUT HOLE	EACH	64	64								
* X0325095	MAIN DRAIN CLEANING	FOOT	4809	4809								
X0325132	SHAPING AND GRADING AT HIGH MAST LIGHT TOWER	SQ YD	23	23								
X0712400	TEMPORARY PAVEMENT	SQ YD	12,125	12,125								

- \* - SPECIALTY ITEM
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- ⊙ - NON-PARTICIPATING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 SUMMARY OF QUANTITIES  
 SHEET 8 OF 9  
 SCALE: NONE  
 DATE: MARCH 7, 2006  
 DRAWN BY: RTM  
 CHECKED BY: MPG

TYLIN INTERNATIONAL

Rev. 5-11-06

SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	916	16
STA. 190+65 (NB I-57) TO STA. 2316+00 (NB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717, & 1818) R-4				
				62304

CODE NUMBER	ITEM DESCRIPTION	UNIT	URBAN TOTAL	URBAN - 90% FEDERAL, 10% STATE					STRUCTURAL - IM			
				IM DAN RYAN J000-2A	IM DAN RYAN I000-2A	IM LIGHTING Y030-1E	IM I.T.S. Y032-1F	IM I.T.S. Y032-1F	Y007 WALL C	Y771-2A	SFTY-2A	
X3540580	PORTLAND CEMENT IN GROUT	CU FT	800	800								
X4066426	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70	TON	261	13	248							
X4066550	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N105	TON	1248	38	1210							
X4066660	POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N105	TON	892		892.0							
X4409400	BITUMINOUS SURFACE REMOVAL 1 3/4"	SQ YD	5249	391	4858							
X4834090	PORTLAND CEMENT CONCRETE SHOULDERS 14"	SQ YD	35370	35370								
X6061001	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.48	FOOT	2896.0	2896.0								
X6063600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	12017.0	9791.0	2226.0							
X6370910	CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT	FOOT	13677	12898	779							
X6370912	CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT, SPECIAL	FOOT	238		238							
X6370925	CONCRETE BARRIER, SINGLE FACE, 42" (SPECIAL)	FOOT	7994	7994								
X6370935	CONCRETE BARRIER, SINGLE FACE, 32" (MODIFIED)	FOOT	882	882								
X6370940	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	20	20								
X6640210	TEMPORARY CHAIN LINK FENCE (PORTABLE)	FOOT	1885	1885								
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	24	24								
<del>X0325416</del>	<del>TRAFFIC CONTROL AND PROTECTION FOR DETOUR ROUTE</del>	<del>L SUM</del>	<del>1</del>	<del>1</del>								
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1								
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	457	457								
X7015000	CHANGEABLE MESSAGE SIGN	CAL MO	160	160								
XX001854	STABILIZED SUB-BASE, 6"	SQ YD	175338	147,929				27,409				
XX004200	PORTLAND CEMENT CONCRETE PAVEMENT 14" (JOINTED)	SQ YD	1239	1239								
XX004201	PAVEMENT REINFORCEMENT, 14"	SQ YD	127554	100,145				27,409				
<del>Z0001900</del>	<del>ASBESTOS BEARING PAD REMOVAL</del>	<del>EACH</del>	<del>872</del>									
Z0002400	BALLAST	TON	1890	1890								
Z0002600	BAR SPLICERS	EACH	1028						1028			
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.8	0.2							
Z0013825	CONTROLLED LOW STRENGTH MATERIAL	CU YD	503	327	176							
Z0018800	DRAINAGE SYSTEM	L SUM	1						1			
Z0022800	FENCE REMOVAL	FOOT	477								477	
<del>Z0029300</del>	<del>GROUT REPAIR</del>	<del>FOOT</del>	<del>515</del>								<del>515</del>	
<del>Z0032700</del>	<del>KEYWAY REPAIR</del>	<del>FOOT</del>	<del>500</del>								<del>500</del>	
* <input type="checkbox"/> Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	12	11	1							
* <input type="checkbox"/> Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	34	28	6							
<del>Z0040530</del>	<del>PIPE UNDERDRAIN REMOVAL</del>	<del>FOOT</del>	<del>43,100</del>	<del>43,100</del>								
Z0041300	PROTECTIVE SHIELD	SQ YD	445						445			
* Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	0.8	0.2							
<input type="checkbox"/> Z0056220	SAND MODULE IMPACT ATTENUATOR TO BE REMOVED	EACH	11	11								
* Z0068400	STEEL CASINGS, 42"	FOOT	45	45								
<del>Z0076600</del>	<del>TRAINEES</del>	<del>HOUR</del>	<del>1500</del>	<del>1500</del>								

\* - SPECIALTY ITEM  
 - IDOT PAY CODE SFTY-3N  
 - NON-PARTICIPATING

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 SUMMARY OF QUANTITIES  
 SHEET 9 OF 9  
 SCALE: NONE  
 DATE: MARCH 7, 2006  
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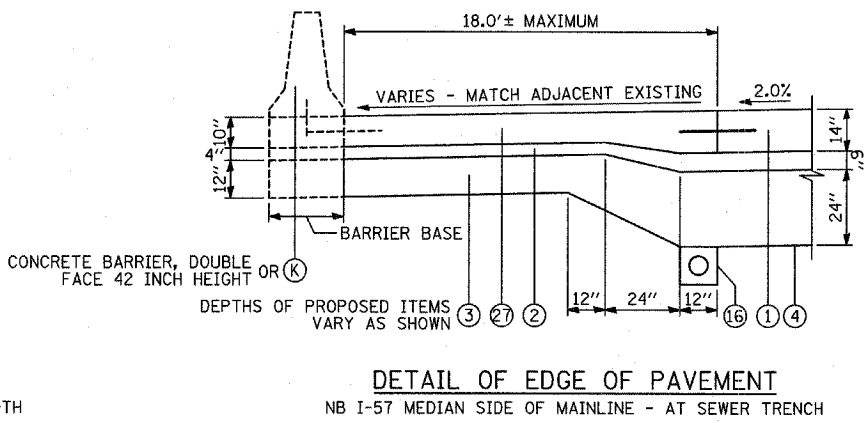
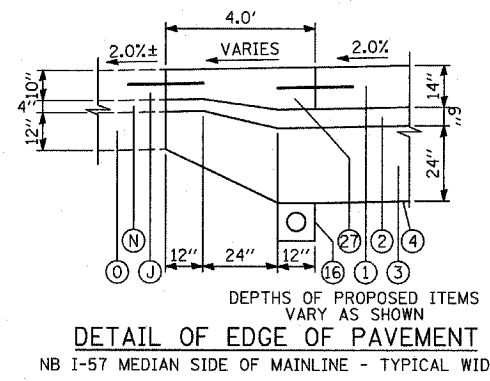
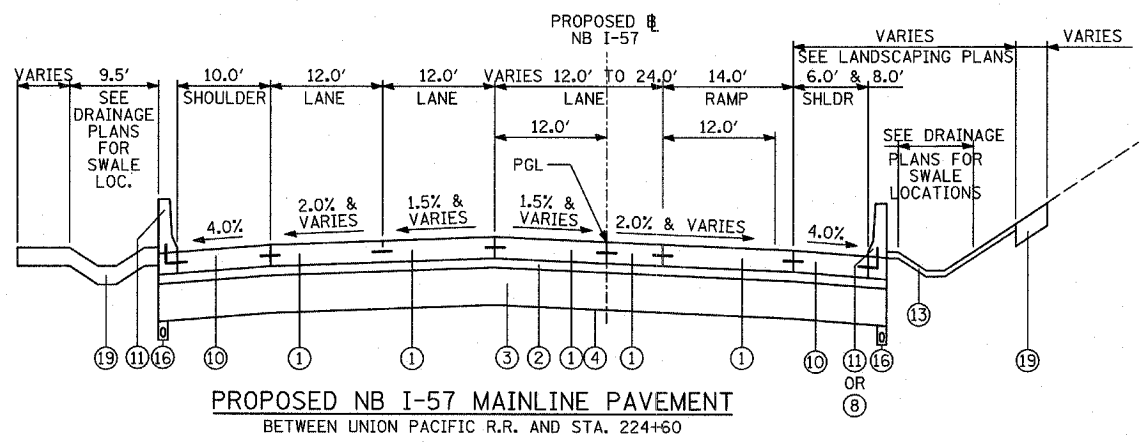
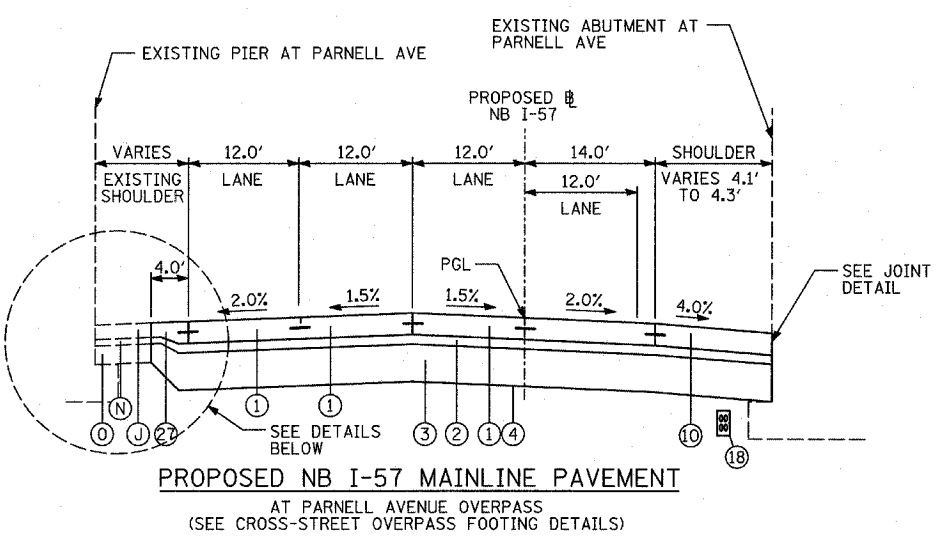
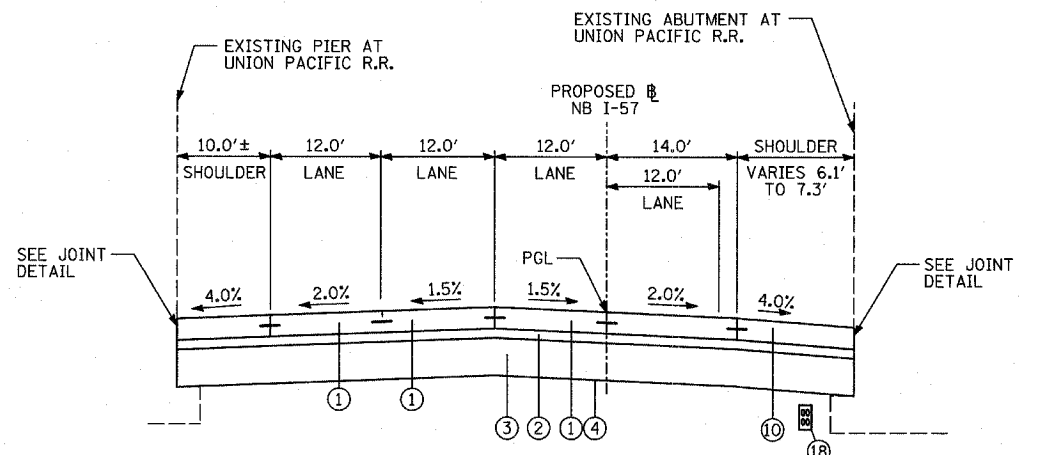
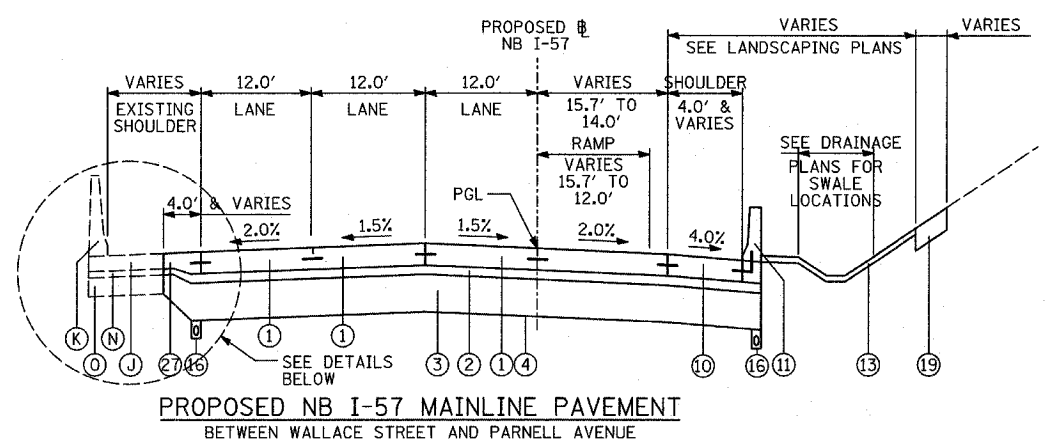
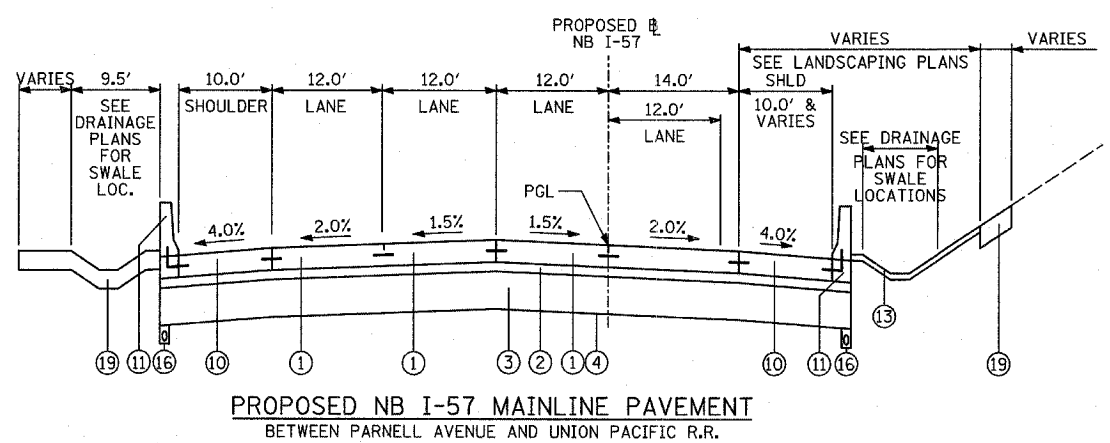
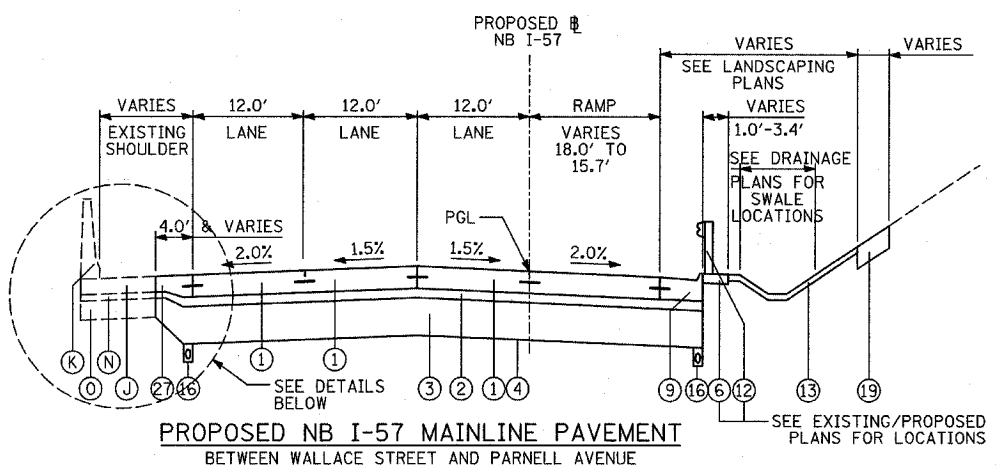
TYLIN INTERNATIONAL

Rev. 5-11-06



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	916	18
STA. 1990+48 (NB FORD) TO STA. 2316+00 (NB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717, & 1818) R-4				

62304



- PROPOSED LEGEND**
- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14"; & PAVEMENT REINFORCEMENT, 14"
  - ② STABILIZED SUB-BASE, 6" (BITUMINOUS AGGREGATE MIXTURE)
  - ③ SUB-BASE GRANULAR MATERIAL, TYPE B 24"
  - ④ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
  - ⑤ CONCRETE MEDIAN SURFACE, 6 INCH (SPECIAL)
  - ⑥ CONCRETE MEDIAN SURFACE, 6 INCH (SPECIAL) (WITHOUT STAMPED PATTERN)
  - ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
  - ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
  - ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.48
  - ⑩ PORTLAND CEMENT CONCRETE SHOULDERS 14"
  - ⑪ CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT; BARRIER BASE; BARRIER WALL MARKERS (PER IDOT STD. 635001 & 635006)
  - ⑫ TRAFFIC BARRIER TERMINAL, TYPE VARIES
  - ⑬ TOPSOIL FURNISH AND PLACE, 4"; SEEDING, CLASS 2A; EROSION CONTROL BLANKET
  - ⑭ AGGREGATE FILL (INCLUDED IN THE COST OF "CONCRETE MEDIAN SURFACE, 6" (SPECIAL)") (MATCH DEPTH TO ADJACENT CURB & GUTTER)
  - ⑮ POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, MIX "F", N105, 1 1/4"
  - ⑯ PIPE UNDERDRAIN, 6" (SEE DETAILS)
  - ⑰ POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N105, 2 1/4"
  - ⑱ ELECTRICAL DUCTBANK (SEE ELECTRICAL INFRASTRUCTURE PLANS)
  - ⑲ TOPSOIL FURNISH AND PLACE, 12"; COMPOST FURNISH AND PLACE 6"; EROSION CONTROL BLANKET; SEEDING (SEE PLAN FOR CLASS)
  - ⑳ CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL); BARRIER BASE; CTA FENCE (SEE DETAILS); BARRIER WALL MARKERS (PER IDOT STD. 635001 & 635006)
  - ㉑ PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
  - ㉒ SUB-BASE GRANULAR MATERIAL, TYPE B 12"
  - ㉓ SUB-BASE GRANULAR MATERIAL, TYPE B 6"
  - ㉔ PORTLAND CEMENT CONCRETE SHOULDERS 9"
  - ㉕ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "D", N70, 1 1/2"
  - ㉖ PORTLAND CEMENT CONCRETE BASE COURSE 13"
  - ㉗ PORTLAND CEMENT CONCRETE PAVEMENT 14" (JOINTED)

- EXISTING LEGEND**
- ALL EXISTING PAVEMENT DEPTHS ARE FROM AS-BUILT PLANS AND ARE SUBJECT TO CHANGE
- (A) BIT CONC SURFACE COURSE, 1 1/2"±
  - (B) BIT CONC BINDER COURSE, 1 1/2"±
  - (C) BIT CONC BINDER COURSE, 4 3/4"±
  - (D) SUB-BASE GRANULAR MATERIAL, 4"±
  - (E) SUB-BASE GRANULAR MATERIAL, 6"±
  - (F) CRUSHED STONE, 5"±
  - (G) PCC SHOULDERS, 9"±
  - (H) PCC BASE COURSE, 9"±
  - (I) COMB CONC CURB & GUTTER
  - (J) PCC PAVEMENT, 10"± (W/ PAVEMENT FABRIC, 80 LBS±/100 SF)
  - (K) CONCRETE BARRIER WALL
  - (L) CTA BALLAST STONE; REGRADE AS NECESSARY (INCLUDE REGRADING IN THE COST OF "CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)")
  - (M) BITUMINOUS SURFACE, 7"±
  - (N) STABILIZED SUB-BASE, 4"±
  - (O) SUB-BASE GRANULAR MATERIAL, 12"±
  - (P) EXISTING PIPE UNDERDRAIN (REMOVAL TO BE PAID FOR SEPARATELY - SEE SPECIAL PROVISION "PIPE UNDERDRAIN REMOVAL")
  - (Q) EXISTING FIBER OPTIC DUCT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
EXISTING & PROPOSED TYPICAL SECTIONS  
NB I-57  
(SHEET 2 OF 8)

SCALE: NONE  
DATE: MARCH 7, 2006  
DRAWN BY: RTM  
CHECKED BY: MPG

**NOTES:**  
1. REFER TO PAVEMENT JOINTING AND ELEVATION PLANS FOR DESCRIPTIONS AND DETAILS OF PAVEMENT JOINTS.

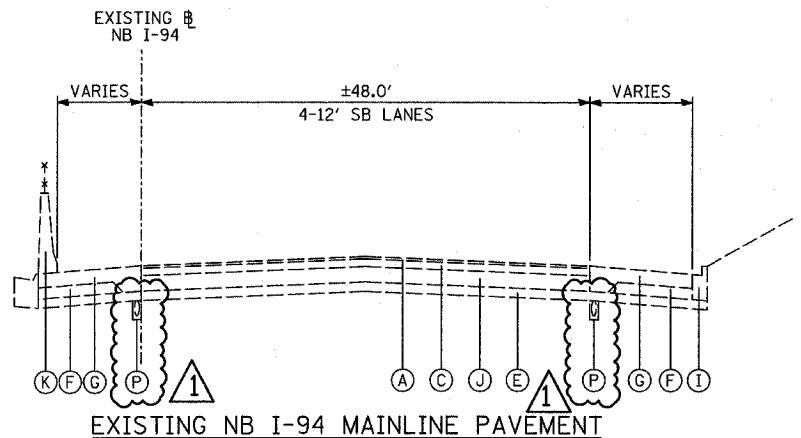
**TYLIN INTERNATIONAL**

ADDENDUM 1

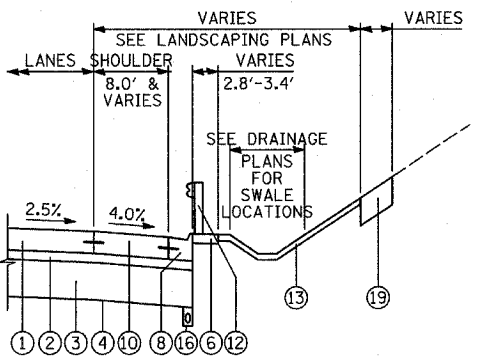




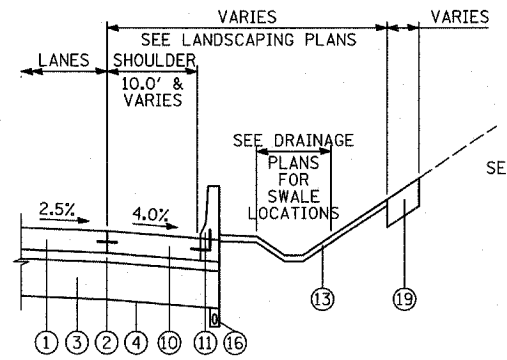




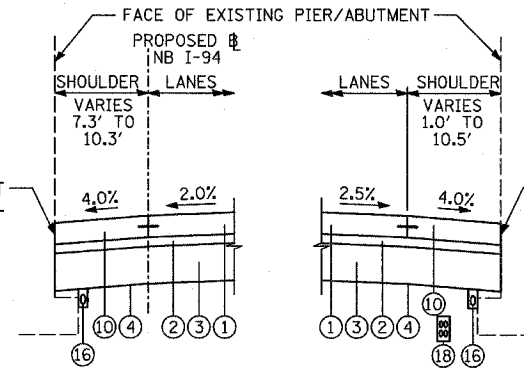
EXISTING NB I-94 MAINLINE PAVEMENT



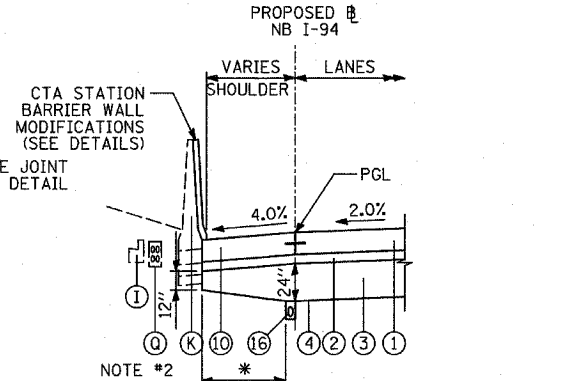
PROPOSED NB I-94 (DAN RYAN EXPWY)  
ALTERNATE EAST PAVEMENT EDGE  
TREATMENTS: GUARDRAIL  
LOCATIONS VARY - SEE EXISTING/PROPOSED PLANS



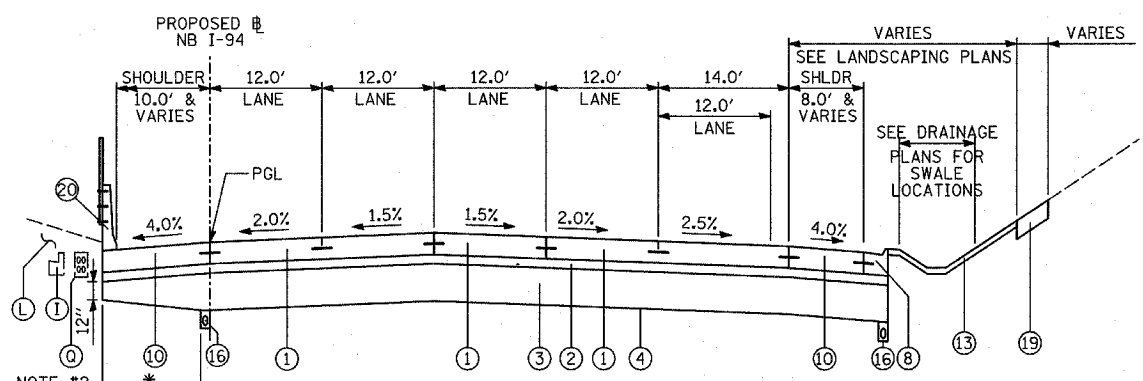
PROPOSED NB I-94 (DAN RYAN EXPWY)  
ALTERNATE EAST PAVEMENT EDGE  
TREATMENTS: CONCRETE BARRIER  
LOCATIONS VARY - SEE EXISTING/PROPOSED PLANS



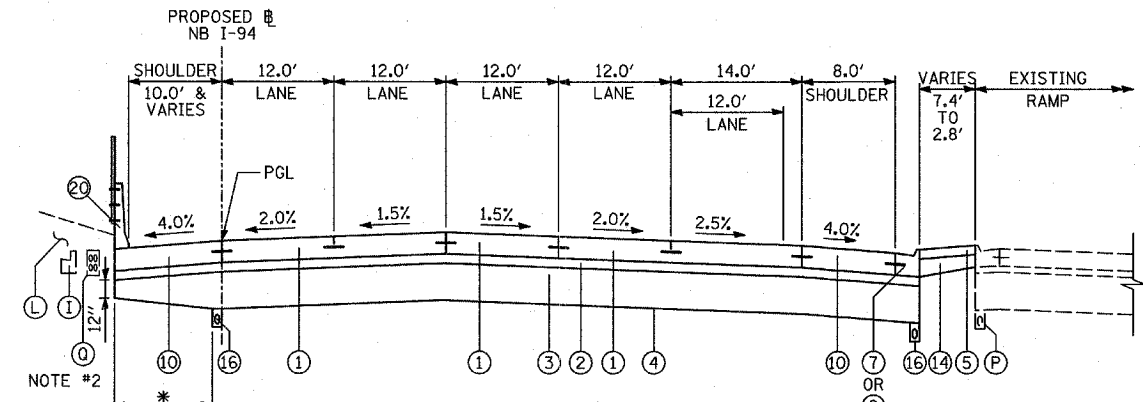
PROPOSED NB I-94 (DAN RYAN EXPWY)  
ALTERNATE PAVEMENT EDGE  
TREATMENTS: EXISTING PIER/ABUTMENT  
LOCATIONS VARY AT BRIDGES - SEE EXISTING/PROPOSED PLANS FOR LOCATIONS AND CROSS-STREET OVERPASS FOOTING DETAILS FOR ADDITIONAL DETAIL



PROPOSED NB I-94 (DAN RYAN EXPWY)  
ALTERNATE WEST PAVEMENT EDGE  
TREATMENTS: CTA BARRIER MODIFICATIONS  
ADJACENT TO CTA STATIONS - SEE EXISTING/PROPOSED PLANS



PROPOSED NB I-94 MAINLINE PAVEMENT  
LOCATIONS VARY BETWEEN 95TH STREET & 83rd TO 79th STREET C-D RAMPS



PROPOSED NB I-94 MAINLINE PAVEMENT  
LOCATIONS VARY (95TH ST. ENTRANCE, 87TH ST. EXIT/ENTRANCE RAMP GOES)

**NOTES:**

- REFER TO PAVEMENT JOINTING AND ELEVATION PLANS FOR DESCRIPTIONS AND DETAILS OF PAVEMENT JOINTS.
- EXACT LOCATION OF EXISTING FIBER OPTIC DUCT IS UNKNOWN. CONTRACTOR MUST NOTIFY THE CTA TO LOCATE THE DUCT PRIOR TO THE START OF WORK.

\* PAID FOR AS SUB-BASE GRANULAR MATERIAL, TYPE B 24"

**PROPOSED LEGEND**

- CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14"; & PAVEMENT REINFORCEMENT, 14"
- STABILIZED SUB-BASE, 6" (BITUMINOUS AGGREGATE MIXTURE)
- SUB-BASE GRANULAR MATERIAL, TYPE B 24"
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- CONCRETE MEDIAN SURFACE, 6 INCH (SPECIAL)
- CONCRETE MEDIAN SURFACE, 6 INCH (SPECIAL) (WITHOUT STAMPED PATTERN)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
- COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.48
- PORTLAND CEMENT CONCRETE SHOULDERS 14"
- CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT; BARRIER BASE; BARRIER WALL MARKERS (PER IDOT STD. 635001 & 635006)
- TRAFFIC BARRIER TERMINAL, TYPE VARIES
- TOPSOIL FURNISH AND PLACE, 4"; SEEDING, CLASS 2A; EROSION CONTROL BLANKET
- AGGREGATE FILL (INCLUDED IN THE COST OF "CONCRETE MEDIAN SURFACE, 6" (SPECIAL)") (MATCH DEPTH TO ADJACENT CURB & GUTTER)
- POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, MIX "F", N105, 1 1/4"
- PIPE UNDERDRAIN, 6" (SEE DETAILS)
- POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N105, 2 1/4"
- ELECTRICAL DUCTBANK (SEE ELECTRICAL INFRASTRUCTURE PLANS)
- TOPSOIL FURNISH AND PLACE, 12"; COMPOST FURNISH AND PLACE 6"; EROSION CONTROL BLANKET; SEEDING (SEE PLAN FOR CLASS)
- CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL); BARRIER BASE; CTA FENCE (SEE DETAILS); BARRIER WALL MARKERS (PER IDOT STD. 635001 & 635006)
- PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- SUB-BASE GRANULAR MATERIAL, TYPE B 12"
- SUB-BASE GRANULAR MATERIAL, TYPE B 6"
- PORTLAND CEMENT CONCRETE SHOULDERS 9"
- BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "D", N70, 1 1/2"
- PORTLAND CEMENT CONCRETE BASE COURSE 13"
- PORTLAND CEMENT CONCRETE PAVEMENT 14" (JOINTED)

**EXISTING LEGEND**

- ALL EXISTING PAVEMENT DEPTHS ARE FROM AS-BUILT PLANS AND ARE SUBJECT TO CHANGE
- BIT CONC SURFACE COURSE, 1 1/2"±
  - BIT CONC BINDER COURSE, 1 1/2"±
  - BIT CONC BINDER COURSE, 4 3/4"±
  - SUB-BASE GRANULAR MATERIAL, 4"±
  - SUB-BASE GRANULAR MATERIAL, 6"±
  - CRUSHED STONE, 5"±
  - PCC SHOULDERS, 9"±
  - PCC BASE COURSE, 9"±
  - COMB CONC CURB & GUTTER
  - PCC PAVEMENT, 10"± (W/ PAVEMENT FABRIC, 80 LBS±/100 SF)
  - CONCRETE BARRIER WALL
  - CTA BALLAST STONE; REGRADE AS NECESSARY (INCLUDE REGRADING IN THE COST OF "CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)")
  - BITUMINOUS SURFACE, 7"±
  - STABILIZED SUB-BASE, 4"±
  - SUB-BASE GRANULAR MATERIAL, 12"±
  - EXISTING PIPE UNDERDRAIN (REMOVAL TO BE PAID FOR SEPARATELY - SEE SPECIAL PROVISION "PIPE UNDERDRAIN REMOVAL")
  - EXISTING FIBER OPTIC DUCT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
EXISTING & PROPOSED TYPICAL SECTIONS  
NB I-94 (DAN RYAN EXPRESSWAY)  
(SHEET 5 OF 8)

SCALE: NONE  
DATE: MARCH 7, 2006  
DRAWN BY: RTM  
CHECKED BY: MPG















**CTA FENCE**

LOCATION DESCRIPTION	FROM			TO			CTA FENCE (FOOT)
	ALIGNMENT	STATION	OFFSET	ALIGNMENT	STATION	OFFSET	
NB I-94 (DAN RYAN) - MEDIAN	NB I-94(RYAN)	2213+52.0	8.3 LT	NB I-94(RYAN)	2215+74.7	6.8 LT	223
NB I-94 (DAN RYAN) - MEDIAN	NB I-94(RYAN)	2215+80.7	6.8 LT	NB I-94(RYAN)	2223+64.7	8.3 LT	784
NB I-94 (DAN RYAN) - MEDIAN	NB I-94(RYAN)	2223+70.7	8.3 LT	NB I-94(RYAN)	2232+45.2	10.0 LT	875
NB I-94 (DAN RYAN) - MEDIAN	NB I-94(RYAN)	2233+20.3	9.8 LT	NB I-94(RYAN)	2233+71.2	11.8 LT	51
NB I-94 (DAN RYAN) - MEDIAN	NB I-94(RYAN)	2233+77.2	11.8 LT	NB I-94(RYAN)	2236+46.1	9.6 LT	269
NB I-94 (DAN RYAN) - MEDIAN	NB I-94(RYAN)	2236+78.5	9.2 LT	NB I-94(RYAN)	2236+97.7	9.1 LT	20
NB I-94 (DAN RYAN) - MEDIAN	NB I-94(RYAN)	2237+31.6	9.2 LT	NB I-94(RYAN)	2237+71.8	9.4 LT	41
NB I-94 (DAN RYAN) - MEDIAN	NB I-94(RYAN)	2238+72.3	9.4 LT	NB I-94(RYAN)	2244+10.2	11.8 LT	539
NB I-94 (DAN RYAN) - MEDIAN	NB I-94(RYAN)	2244+16.2	11.8 LT	NB I-94(RYAN)	2252+85.3	8.2 LT	870
NB I-94 (DAN RYAN) - MEDIAN	NB I-94(RYAN)	2252+91.3	8.2 LT	NB I-94(RYAN)	2253+20.5	9.5 LT	30
NB I-94 (DAN RYAN) - MEDIAN	NB I-94(RYAN)	2259+79.1	10.9 LT	NB I-94(RYAN)	2263+20.7	8.3 LT	342
NB I-94 (DAN RYAN) - MEDIAN	NB I-94(RYAN)	2263+26.7	8.3 LT	NB I-94(RYAN)	2266+39.0	9.0 LT	313
NB I-94 (DAN RYAN) - MEDIAN	NB I-94(RYAN)	2267+02.7	9.0 LT	NB I-94(RYAN)	2268+96.2	11.8 LT	194
NB I-94 (DAN RYAN) - MEDIAN	NB I-94(RYAN)	2269+02.2	11.8 LT	NB I-94(RYAN)	2279+45.5	11.8 LT	1044
NB I-94 (DAN RYAN) - MEDIAN	NB I-94(RYAN)	2279+51.5	11.8 LT	NB I-94(RYAN)	2285+58.4	10.7 LT	608
NB I-94 (DAN RYAN) - MEDIAN	NB I-94(RYAN)	2286+56.5	10.7 LT	NB I-94(RYAN)	2289+94.7	11.8 LT	339
NB I-94 (DAN RYAN) - MEDIAN	NB I-94(RYAN)	2290+00.7	11.8 LT	NB I-94(RYAN)	2300+95.4	11.8 LT	1096
NB I-94 (DAN RYAN) - MEDIAN	NB I-94(RYAN)	2301+01.4	11.8 LT	NB I-94(RYAN)	2305+62.7	9.8 LT	462
NB I-94 (DAN RYAN) - MEDIAN	NB I-94(RYAN)	2305+68.7	9.8 LT	NB I-94(RYAN)	2307+01.8	10.5 LT	134
NB I-94 (DAN RYAN) - MEDIAN	NB I-94(RYAN)	2315+38.2	11.9 LT	NB I-94(RYAN)	2315+98.4	9.8 LT	61
I000-2A TOTAL							
J000-2A TOTAL							8295
TOTAL							8295

**EARTHWORK SCHEDULE**

RAMP/WALL	STATION		EARTH EXCAVATION (CU YD)	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EMBANKMENT (CU YD)
	FROM	TO			
HALSTED TO PARNELL	191+50	208+50	7525	550	25
PARNELL TO I-57 BRIDGE	209+50	236+50	23210	3475	275
I-57 BRIDGE TO I-94 NB	237+00	258+00	11450	1765	6650
AIS 5 to MICHIGAN BRIDGE	1990+00	2020+50	4505	2035	40
MICHIGAN BRIDGE TO I-57	2021+00	2042+50	7840	905	915
I-57 TO 95TH CTA STATION	2203+00	2209+50	5735	295	0
95TH CTA STATION TO BELT RAILWAY	2210+00	2237+50	22565	610	20
BELT RAILWAY TO 87TH	2238+00	2259+50	14580	505	5
87TH TO 83RD	2260+00	2285+50	20825	1420	30
83RD TO 79TH	2286+00	2312+00	17930	400	25
79TH TO 78TH	2312+50	2316+00	2915	135	5
I-57 NB to I-94 SB CONNECTOR	408+00	415+06	2610	365	120
I-94 NB to I-57 SB CONNECTOR	325+00	340+29	6045	845	500
MOT STG. 2 I-57 RUNAROUND FOR BEAM RPL.	240+00	252+50	880	465	1290
RUNAROUND REMOVAL	248+00	252+00	575		
12" PGES - SEE SEPARATE SCHEDULE			2899		
TOTAL			152089	13770	9900

**PROPOSED GUARDRAIL**

LOCATION DESCRIPTION	ALIGNMENT	END OF TYPE 1 TERMINAL		JOINT BETWEEN TERMINALS		END OF TYPE 6 TERMINAL		TR BAR TRM T1 SPL TAN (EACH)	TRAF BAR TERM T6 (EACH)	GUARDRAIL MKR TYPE A (EACH)	TERMINAL MARKER - DA (EACH)
		STATION	OFFSET	STATION	OFFSET	STATION	OFFSET				
NB I-57	NB I-57	204+65.2	25.1 RT	205+15.2	23.1 RT	205+45.8	22.5 RT	1	1	4	1
NB I-57	NB I-57	229+04.4	44.4 RT	229+53.3	44.3 RT	229+83.2	44.9 RT	1	1	4	1
NB I-57	NB I-57	233+69.8	11.0 RT	234+19.5	10.0 RT	234+50.0	10.0 RT	1	1	4	1
NB I-94 (BISHOP FORD)	NB I-94(FORD)	1998+61.7	34.7 RT	1999+11.7	33.7 RT	1999+42.3	33.7 RT	1	1	4	1
NB I-94 (BISHOP FORD)	NB I-94(FORD)	2010+73.9	9.8 LT	2011+23.7	8.4 LT	2011+54.2	8.3 LT	1	1	4	1
NB I-94 (BISHOP FORD)	NB I-94(FORD)	2016+66.6	35.2 RT	2017+17.5	34.2 RT	2017+17.5	34.2 RT	1	1	4	1
WB CONNECTOR	WB CON	313+79.1	8.3 RT	314+29.4	8.0 RT	314+60.2	7.7 RT	1	1	4	1
WB CONNECTOR	WB CON	331+56.8	19.0 RT	332+06.2	18.0 RT	332+06.2	18.0 RT	1	1	4	1
NB I-94 (BISHOP FORD)	NB I-94(FORD)	2026+60.8	37.0 RT	2027+11.8	36.0 RT	2027+43.1	36.0 RT	1	1	4	1
NB I-94 (DAN RYAN)	NB I-57	257+87.0	37.0 RT	2203+04.8	72.0 RT	2203+35.4	72.0 RT	1	1	4	1
NB I-94 (DAN RYAN)	NB I-94(RYAN)	2226+74.2	80.8 RT	2227+24.2	78.8 RT	2227+54.8	78.2 RT	1	1	4	1
NB I-94 (DAN RYAN)	NB I-94(RYAN)	2255+84.0	73.0 RT	2256+34.0	72.0 RT	2256+64.7	72.0 RT	1	1	4	1
NB I-94 (DAN RYAN)	NB I-94(RYAN)	2278+48.0	75.6 RT	2278+98.0	73.6 RT	2279+28.6	73.0 RT	1	1	4	1
NB I-94 (DAN RYAN)	NB I-94(RYAN)	2309+17.0	73.0 RT	2309+67.0	72.0 RT	2309+97.6	72.0 RT	1	1	4	1
I000-2A TOTAL								3	3	12	3
J000-2A TOTAL								11	11	44	11
TOTAL								14	14	56	14

**CTA GATES**

LOCATION DESCRIPTION	LOCATION			CTA GATES (EACH)
	ALIGNMENT	STATION	OFFSET	
NB I-94 (DAN RYAN) MEDIAN	NB I-94(RYAN)	2215+80.7	6.8 LT	1
NB I-94 (DAN RYAN) MEDIAN	NB I-94(RYAN)	2223+70.7	8.3 LT	1
NB I-94 (DAN RYAN) MEDIAN	NB I-94(RYAN)	2233+77.2	11.8 LT	1
NB I-94 (DAN RYAN) MEDIAN	NB I-94(RYAN)	2244+16.2	11.8 LT	1
NB I-94 (DAN RYAN) MEDIAN	NB I-94(RYAN)	2252+91.3	8.2 LT	1
NB I-94 (DAN RYAN) MEDIAN	NB I-94(RYAN)	2263+26.7	8.3 LT	1
NB I-94 (DAN RYAN) MEDIAN	NB I-94(RYAN)	2269+02.2	11.8 LT	1
NB I-94 (DAN RYAN) MEDIAN	NB I-94(RYAN)	2279+51.5	11.8 LT	1
NB I-94 (DAN RYAN) MEDIAN	NB I-94(RYAN)	2290+00.7	11.8 LT	1
NB I-94 (DAN RYAN) MEDIAN	NB I-94(RYAN)	2301+01.4	11.8 LT	1
NB I-94 (DAN RYAN) MEDIAN	NB I-94(RYAN)	2305+68.7	9.8 LT	1
I000-2A TOTAL				
J000-2A TOTAL				11
TOTAL				11

**POROUS GRANULAR EMBANKMENT, SUBGRADE**

ALIGNMENT	DESCRIPTION	STATION		LENGTH (FOOT)	WIDTH (FOOT)	DEPTH (INCH)	VOLUME (CU YD)
		FROM	TO				
NB I-94 (FORD)	MAINLINE BISHOP FORD	2034+50.0	2038+25.0	375	58	12	806
NB I-94 (FORD)	MAINLINE BISHOP FORD	2041+25.0	2044+25.0	300	70	12	778
NB I-94 (RYAN)	MAINLINE DAN RYAN	2277+50.0	2278+25.0	75	88	12	244
NB I-94 (RYAN)	MAINLINE DAN RYAN	2295+75.0	2298+50.0	275	80	12	815
NB I-57	SOFT SOIL AT NW RET WALL	239+05.0	239+41.0	36	-	-	256
TOTAL (CU YD)							2899

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)

**SCHEDULE OF QUANTITIES  
PROPOSED QUANTITIES - SHEET 6**

SCALE: NONE      DRAWN BY: MPG  
DATE: MARCH 7, 2006      CHECKED BY: RTM

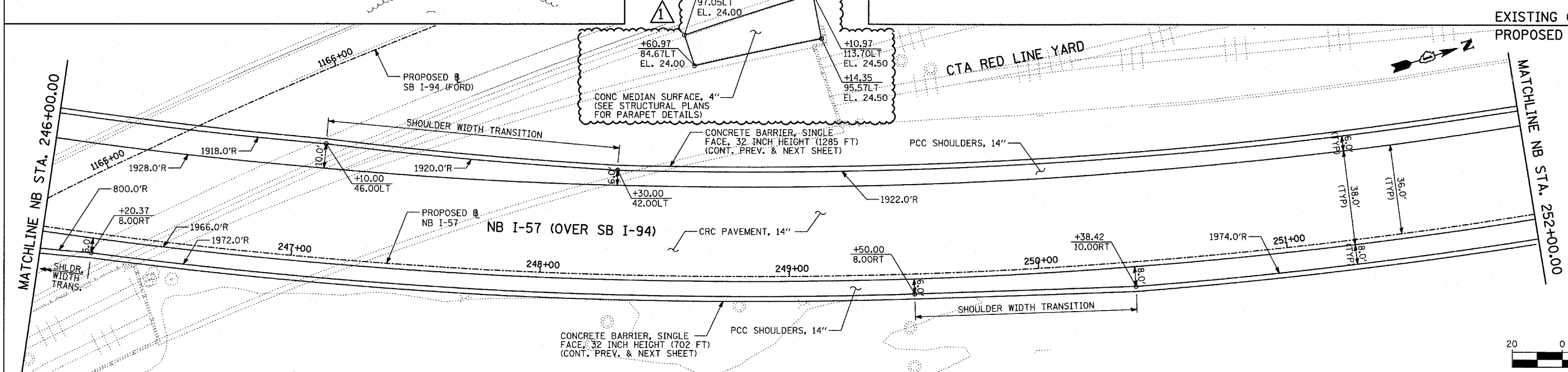
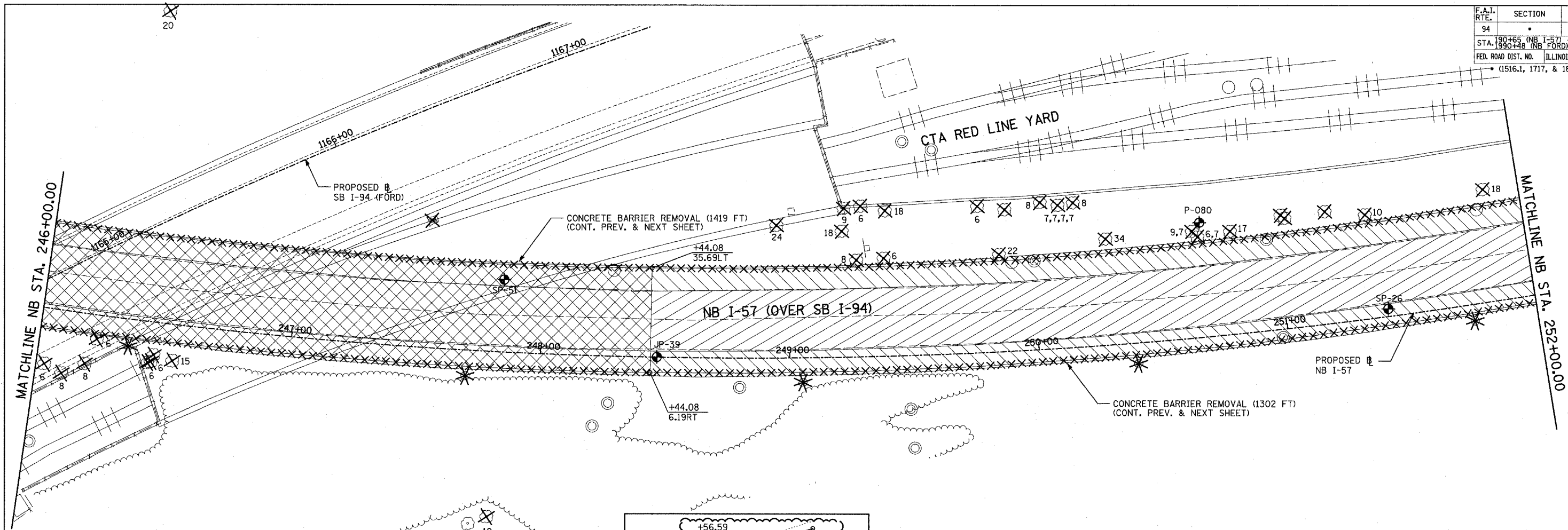




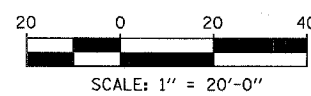
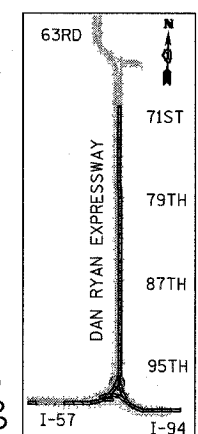




F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	916	75
STA. 190+65 (NB I-57) TO STA. 2316+00 (NB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
(1516.1, 1717, & 1818) R-4 62304				



EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS



**LEGEND:**

- ////// COMB CONC CURB & GUTTER REMOVAL
- ~~~~~ CHAIN LINK FENCE REMOVAL
- XXXXXX CONCRETE BARRIER/GUARDRAIL REMOVAL
- X10 TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)
- ⊕ SOIL BORING LOCATIONS

- [Hatched Box] PAVEMENT REMOVAL
- [Diagonal Lines] PAVED SHOULDER REMOVAL
- [Cross-hatched Box] PAVEMENT/SHOULDER REMOVAL, SPECIAL
- [Diagonal Lines] BITUMINOUS SURFACE REMOVAL, 4"
- [Diagonal Lines] BITUMINOUS SURFACE REMOVAL, 1 1/2" OR 1 3/4" (SEE CALLOUT)

- ⊗ LIGHT POLE FOUNDATION REMOVAL (SEE ROADWAY LIGHTING & SURVEILLANCE PLANS)
- +XX.XX MAINLINE Ⓟ
- XX.XXRT STATION/OFFSET

**PLAN NOTES:**

- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE

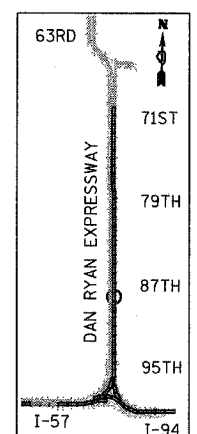
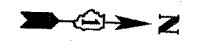
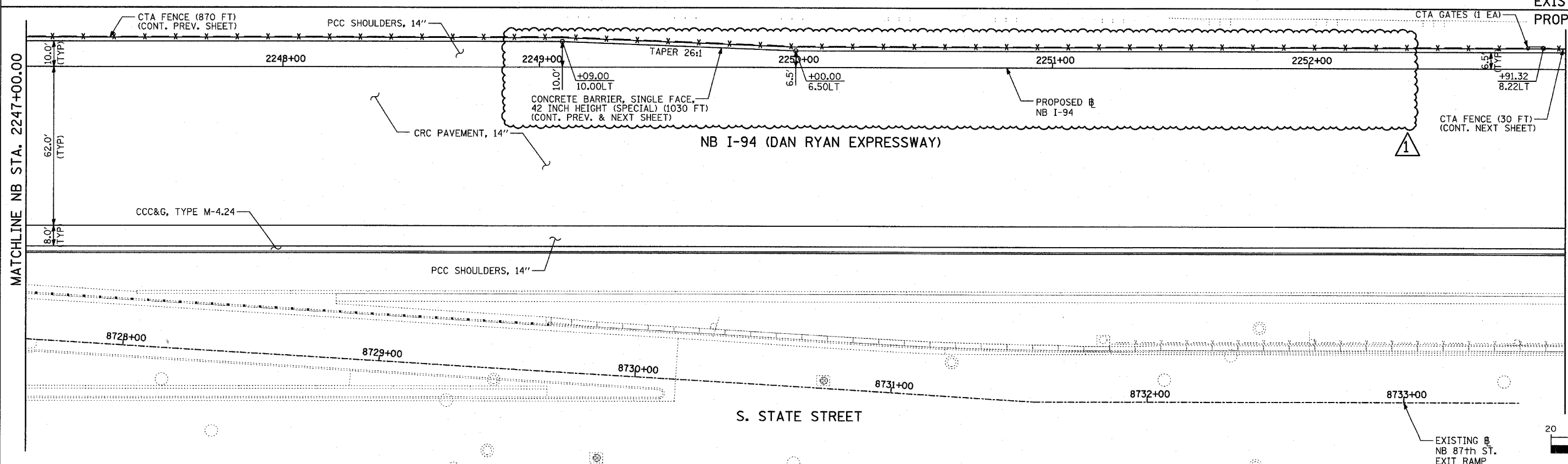
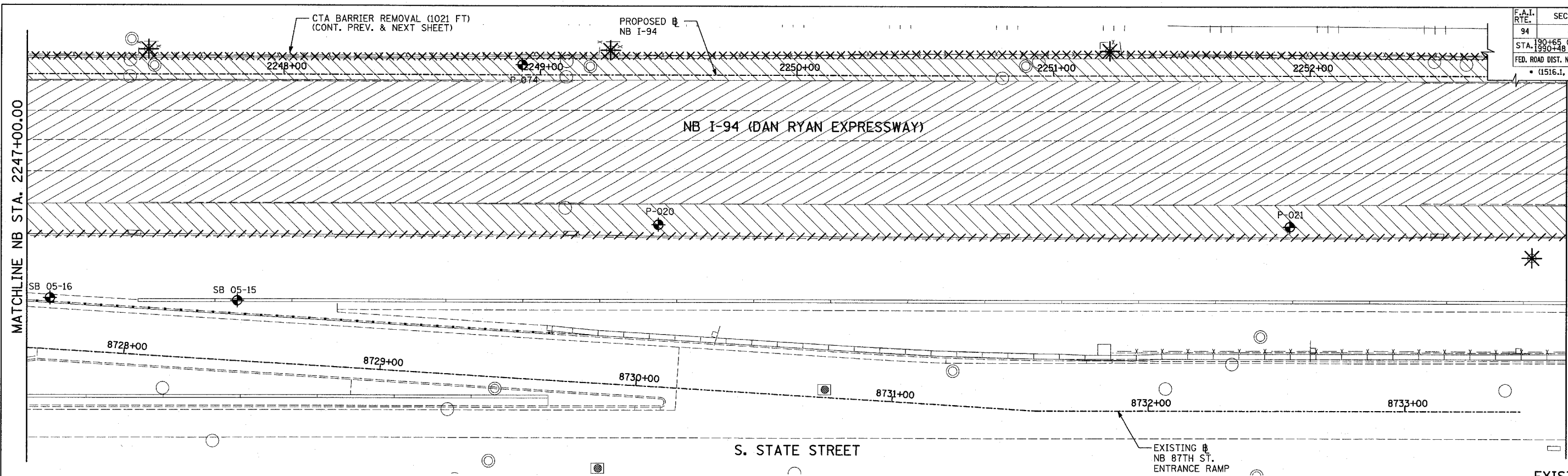
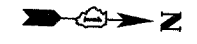
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
EXISTING AND PROPOSED PLAN  
NB I-57  
STA. 246+00.00 TO 252+00.00

SCALE: 1"=20'  
DATE: MARCH 7, 2006

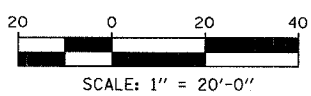
DRAWN BY: RTM  
CHECKED BY: MPG

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	916	86
STA. 190+65 (NB I-57) TO STA. 2316+00 (NB RYAN)		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		• (1516.1, 1717, & 1818) R-4		

62304



LOCATION MAP



**LEGEND:**

////	COMB CONC CURB & GUTTER REMOVAL	[Hatched Box]	PAVEMENT REMOVAL
~~~~	CHAIN LINK FENCE REMOVAL	[Diagonal Hatched Box]	PAVED SHOULDER REMOVAL
XXXXXX	CONCRETE BARRIER/GUARDRAIL REMOVAL	[Cross-hatched Box]	PAVEMENT/SHOULDER REMOVAL, SPECIAL
X10	TREE REMOVAL (UNITS) (NO UNIT SHOWN = 6)	[Diagonal Hatched Box]	BITUMINOUS SURFACE REMOVAL, 4"
◆	SOIL BORING LOCATIONS	[Diagonal Hatched Box]	BITUMINOUS SURFACE REMOVAL, 1 1/2" OR 1 3/4" (SEE CALLOUT)

**PLAN NOTES:**

- \* LIGHT POLE FOUNDATION REMOVAL (SEE ROADWAY LIGHTING & SURVEILLANCE PLANS)
- +XX.XX MAINLINE #
- XX.XXRT STATION/OFFSET
- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

REVISIONS	
NAME	DATE

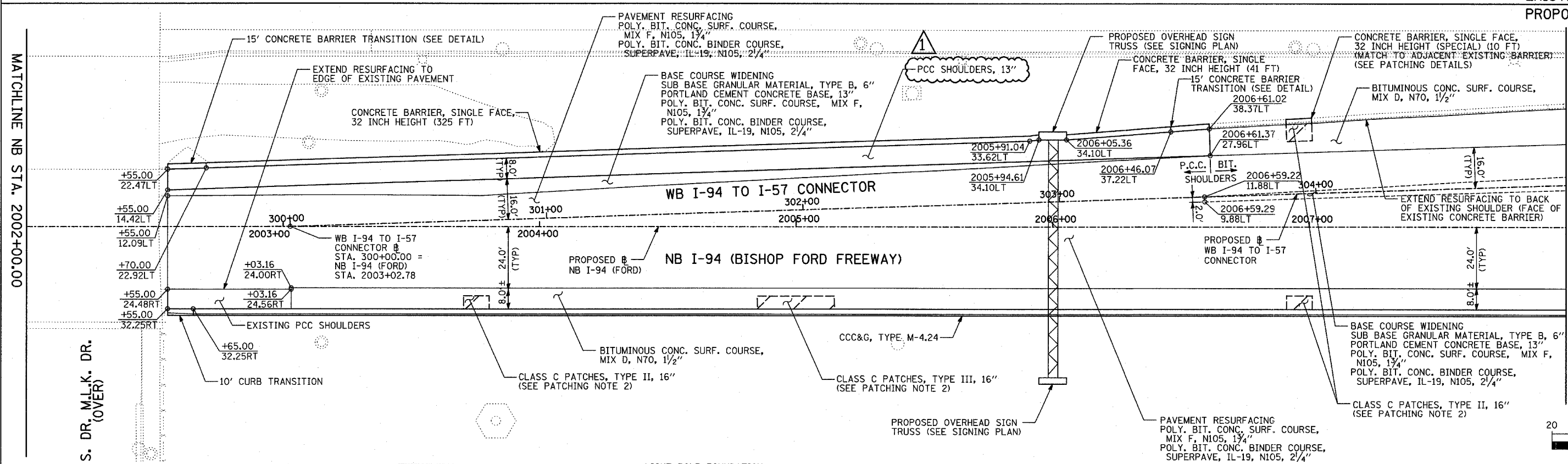
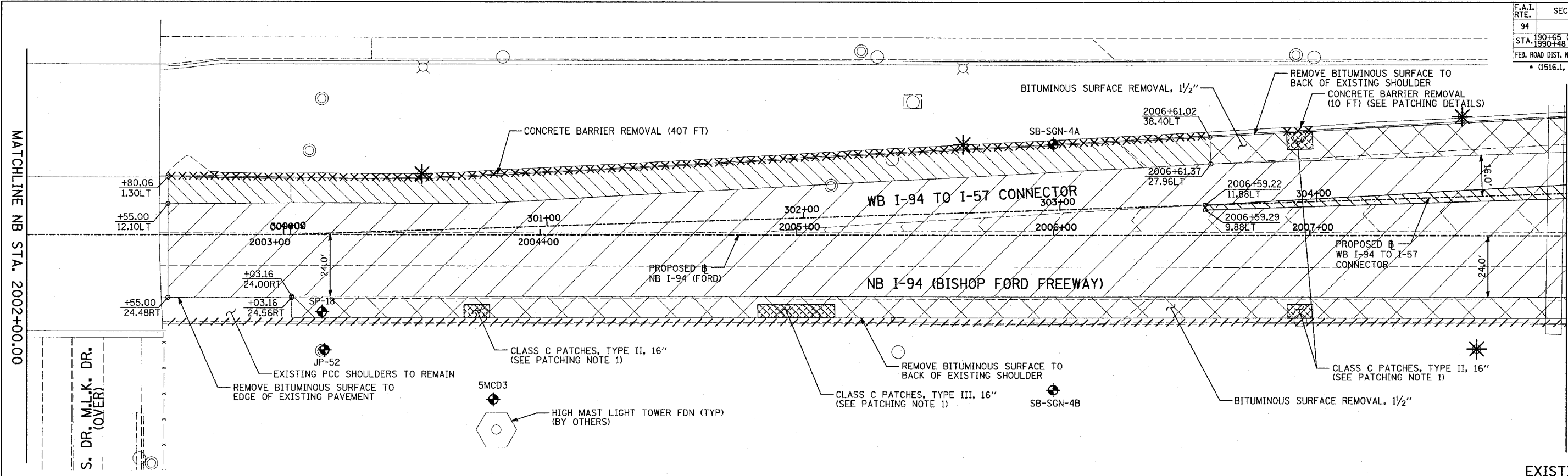
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
 EXISTING AND PROPOSED PLAN  
 NB I-94 (DAN RYAN EXPRESSWAY)  
 NB I-94 STA. 2247+00.00 TO 2253+00.00

SCALE: 1"=20'  
 DATE: MARCH 7, 2006

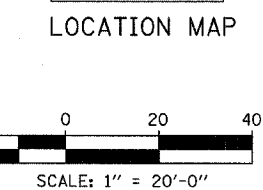
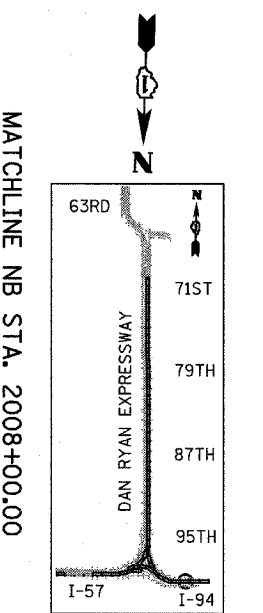
DRAWN BY: RTM  
 CHECKED BY: MPG

**TYLIN** INTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	916	100
STA. 190+65 (NB I-57) TO STA. 2316+00 (NB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717, & 1818) R-4				



EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS



**TYLIN INTERNATIONAL**

**LEGEND:**

#####	COMB CONC CURB & GUTTER REMOVAL		PAVEMENT REMOVAL
~~~~~	CHAIN LINK FENCE REMOVAL		PAVED SHOULDER REMOVAL
XXXXXX	CONCRETE BARRIER/GUARDRAIL REMOVAL		PAVEMENT/SHOULDER REMOVAL, SPECIAL
	TREE REMOVAL (UNITS) (NO UNIT SHOWN = 6)		BITUMINOUS SURFACE REMOVAL, 4"
	SOIL BORING LOCATIONS		BITUMINOUS SURFACE REMOVAL, 1 1/2" OR 1 3/4" (SEE CALLOUT)

**PLAN NOTES:**

- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

**PATCHING NOTES:**

- SEWER TRENCH: CLASS C PATCHES, TYPE VARIES, 16"; BITUMINOUS REMOVAL OVER PATCHES 1 1/2"; (SEE MISCELLANEOUS DETAILS)
- SEWER TRENCH: CLASS C PATCHES, TYPE VARIES, 16"; BITUMINOUS REPLACEMENT OVER PATCHES, (SEE MISCELLANEOUS DETAILS)

**REVISIONS**

NAME	DATE

SCALE: 1"=20'  
DATE: MARCH 7, 2006

DRAWN BY: RTM  
CHECKED BY: MPG

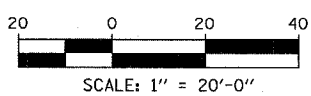
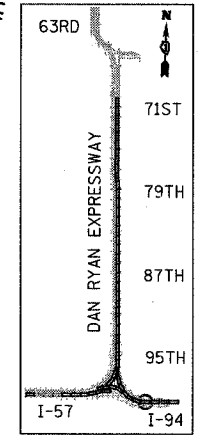
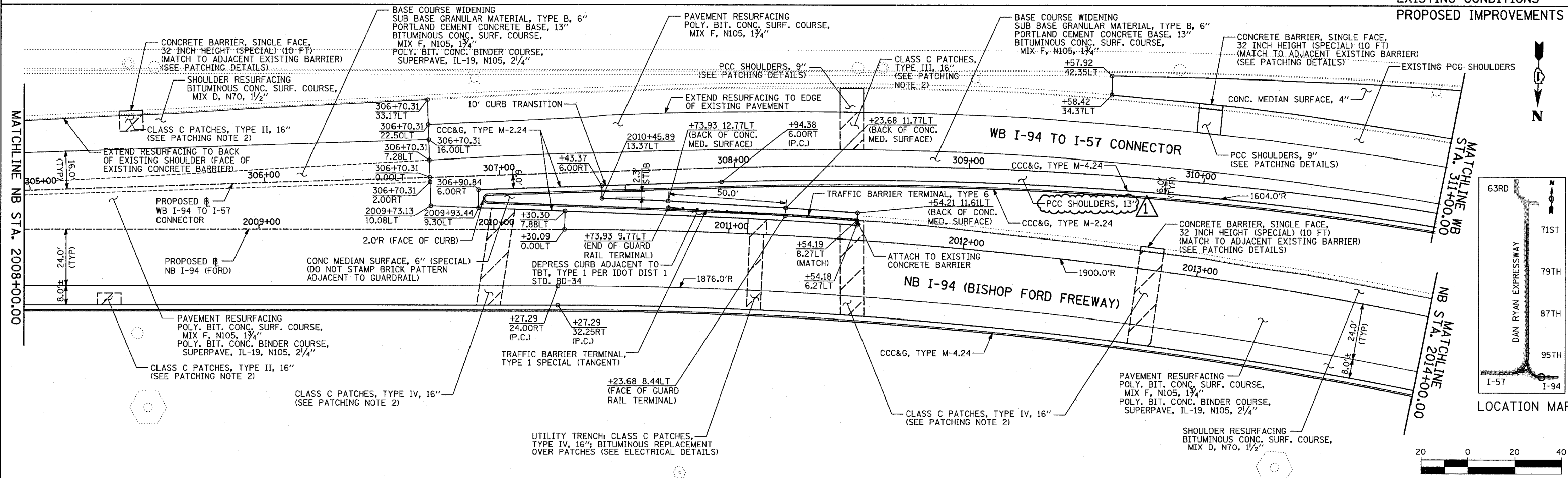
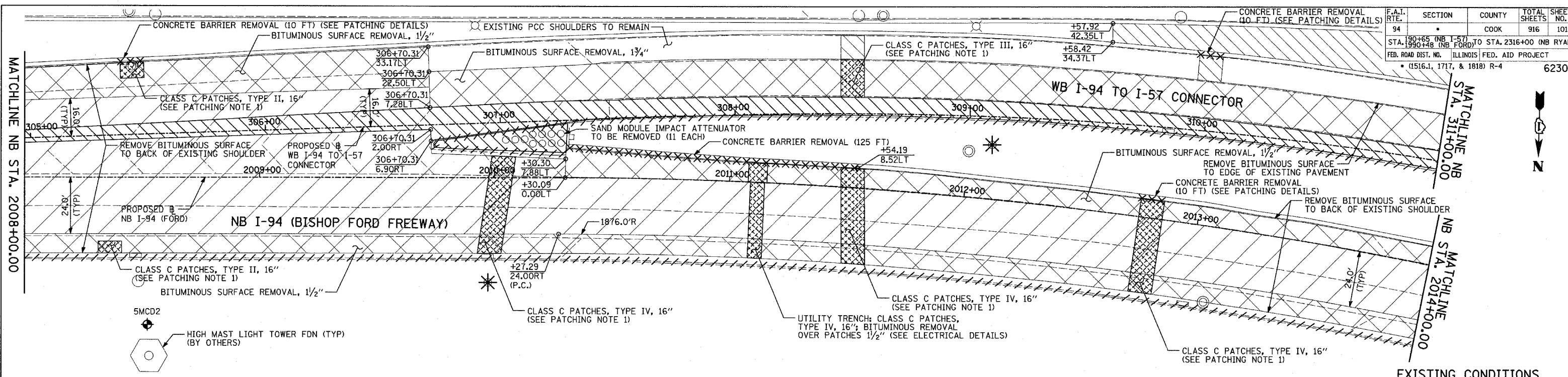
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
EXISTING AND PROPOSED PLAN  
NB I-94 (BISHOP FORD FREEWAY)  
NB STA. 2002+00.00 TO 2008+00.00

SHEET 37 OF 47  
ADDENDUM 1 05/08/06



F.A.I. RTE. 94	SECTION	COUNTY COOK	TOTAL SHEETS 916	SHEET NO. 101
STA. 190+65 (NB I-57) TO STA. 2316+00 (NB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717, & 1818) R-4				

62304



**LEGEND:**

	COMB CONC CURB & GUTTER REMOVAL		PAVEMENT REMOVAL
	CHAIN LINK FENCE REMOVAL		PAVED SHOULDER REMOVAL
	CONCRETE BARRIER/GUARDRAIL REMOVAL		PAVEMENT/SHOULDER REMOVAL, SPECIAL
	TREE REMOVAL (UNITS) (NO UNIT SHOWN = 6)		BITUMINOUS SURFACE REMOVAL, 4"
	SOIL BORING LOCATIONS		BITUMINOUS SURFACE REMOVAL, 1/2" OR 1 1/4" (SEE CALLOUT)

**PLAN NOTES:**

- ALL STATION/OFFSET/RADIUS CALLOUTS MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- EXACT LOCATIONS OF EXISTING PIERS/ABUTMENTS TO BE FIELD VERIFIED

**PATCHING NOTES:**

- SEWER TRENCH: CLASS C PATCHES, TYPE VARIES, 16"; BITUMINOUS REMOVAL OVER PATCHES 1/2"; (SEE MISCELLANEOUS DETAILS)
- SEWER TRENCH: CLASS C PATCHES, TYPE VARIES, 16"; BITUMINOUS REPLACEMENT OVER PATCHES, (SEE MISCELLANEOUS DETAILS)

**REVISIONS**

NAME	DATE

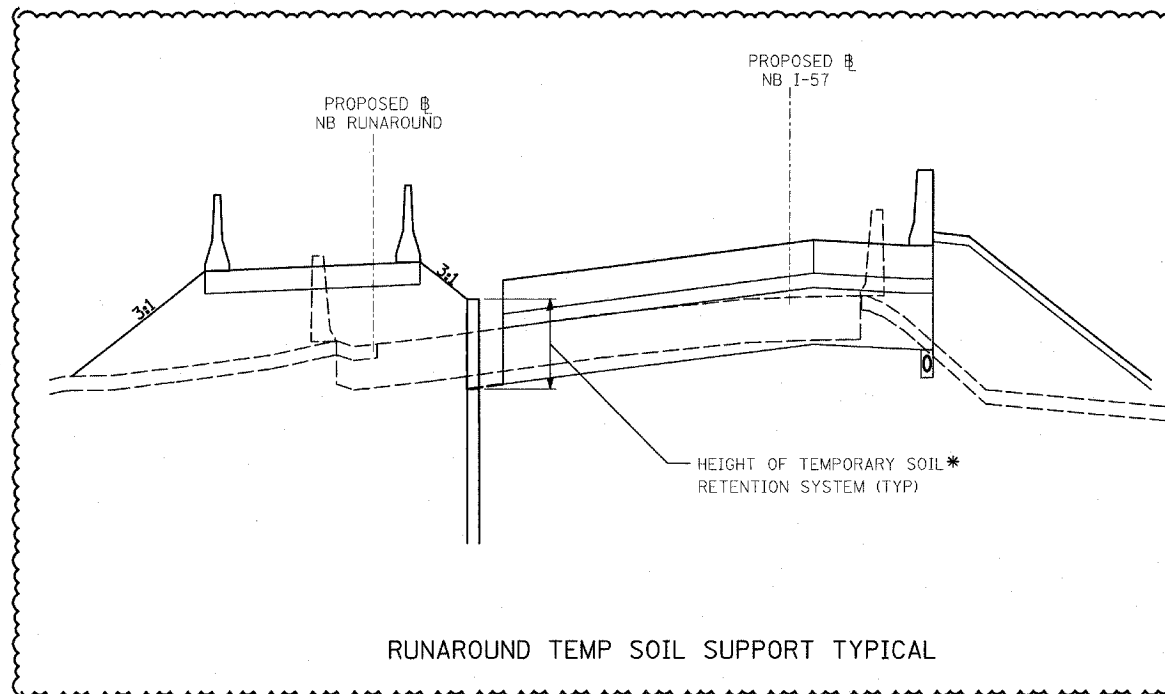
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 EXISTING AND PROPOSED PLAN  
 NB I-94 (BISHOP FORD FREEWAY)  
 NB STA. 2008+00.00 TO 2014+00.00  
 AND WB STA. 311+00.00**

SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: RTM  
 CHECKED BY: MPG

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### RUNAROUND SOIL RETENTION SCHEDULE

NB I-57 STATION	RUNAROUND STATION	HEIGHT OF RETENTION (FT)	SOIL RETENTION AREA (SF)
249+23	19+18	0.00	0.0
249+50	19+45	2.12	28.2
250+00	19+94	3.18	130.6
250+50	20+44	3.93	175.1
251+00	20+93	4.16	199.2
251+50	21+42	4.14	204.3
251+91	21+83	3.83	163.1
RUNAROUND TEMPORARY SOIL RETENTION TOTAL:			901.0

\* SOIL RETENTION ASSUMED NECESSARY ONLY IN AREAS WHERE THE TEMPORARY RUNAROUND EMBANKMENT IS PLACED OVER THE EXISTING PAVEMENT.

### CTA AND TOTAL SOIL RETENTION SCHEDULE

NBDR STATION	HEIGHT OF RETENTION FT (SET 6" BEHIND BARRIER BASE)	SOIL RETENTION AREA SF
2216+00	0.00	0.0
2216+50	0.83	41.5
2217+00	0.75	37.5
2217+50	0.60	30.0
2218+00	0.64	32.0
2218+50	0.85	42.5
2219+00	0.89	44.5
2219+50	0.55	27.5
2220+00	0.81	40.5
2220+50	0.67	33.5
2221+00	0.00	0.0
2259+50	0.00	0.0
2260+00	0.00	0.0
2260+50	0.90	45.0
2261+00	0.00	0.0
* NUMBER OF DRAINAGE STRUCTURES	89	7120.0
** 2207+50 - 2208+29		369.0
** 2253+24 - 2254+45		729.0
*** WB CONNECTOR		3463.0
**** NB RUNAROUND		901.0
TOTAL		12957.0

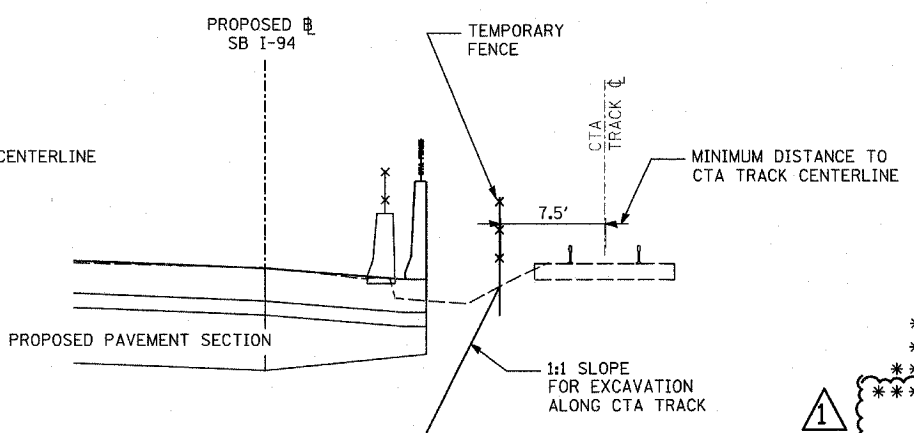
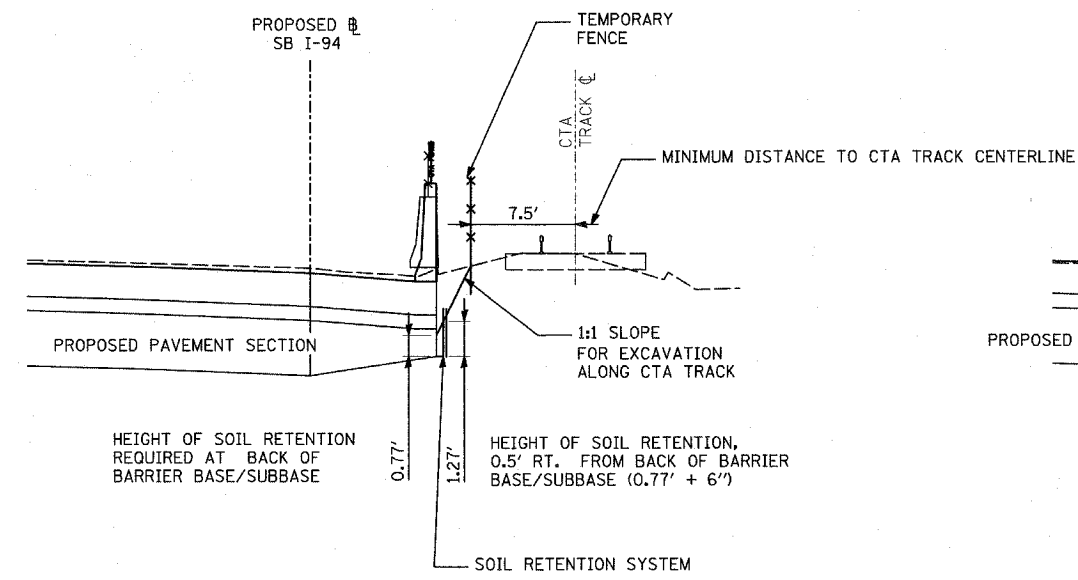
NOTE: TOTAL IS ROUNDED TO THE NEAREST SF

\* 80 SF OF SOIL RETENTION IS REQUIRED FOR EACH DRAINAGE STRUCTURE. SEE DRAINAGE SCHEDULES FOR DRAINAGE STRUCTURES REQUIRING RETENTION

\*\* AREA REFLECTS SOIL RETENTION SYSTEM REQUIRED IN ADDITION TO THAT REQUIRED FOR THE PROPOSED DRAINAGE STRUCTURES, SEE SHEET 121.

\*\*\* AREA REFLECTS SOIL RETENTION SYSTEM REQUIRED FOR TEMPORARY SOIL RETENTION ALONG THE WB CONNECTOR, SEE FOLLOWING SHEET FOR SECTIONS AND SCHEDULE (SHEET 157).

\*\*\*\* AREA REFLECTS SOIL RETENTION SYSTEM REQUIRED FOR TEMPORARY SOIL RETENTION ALONG THE NB TEMPORARY RUNAROUND, SEE ABOVE FOR SECTION AND SCHEDULE.



### CALCULATION OF HEIGHT OF TEMP SOIL SUPPORT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)

**MISCELLANEOUS DETAILS:  
 TEMPORARY SOIL RETENTION SECTIONS  
 AND SCHEDULE ALONG CTA**

SCALE: NONE      DRAWN BY: JJS  
 DATE: MARCH 7, 2006      CHECKED BY: JPM





























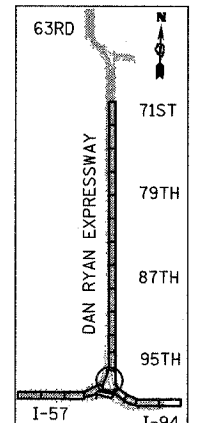
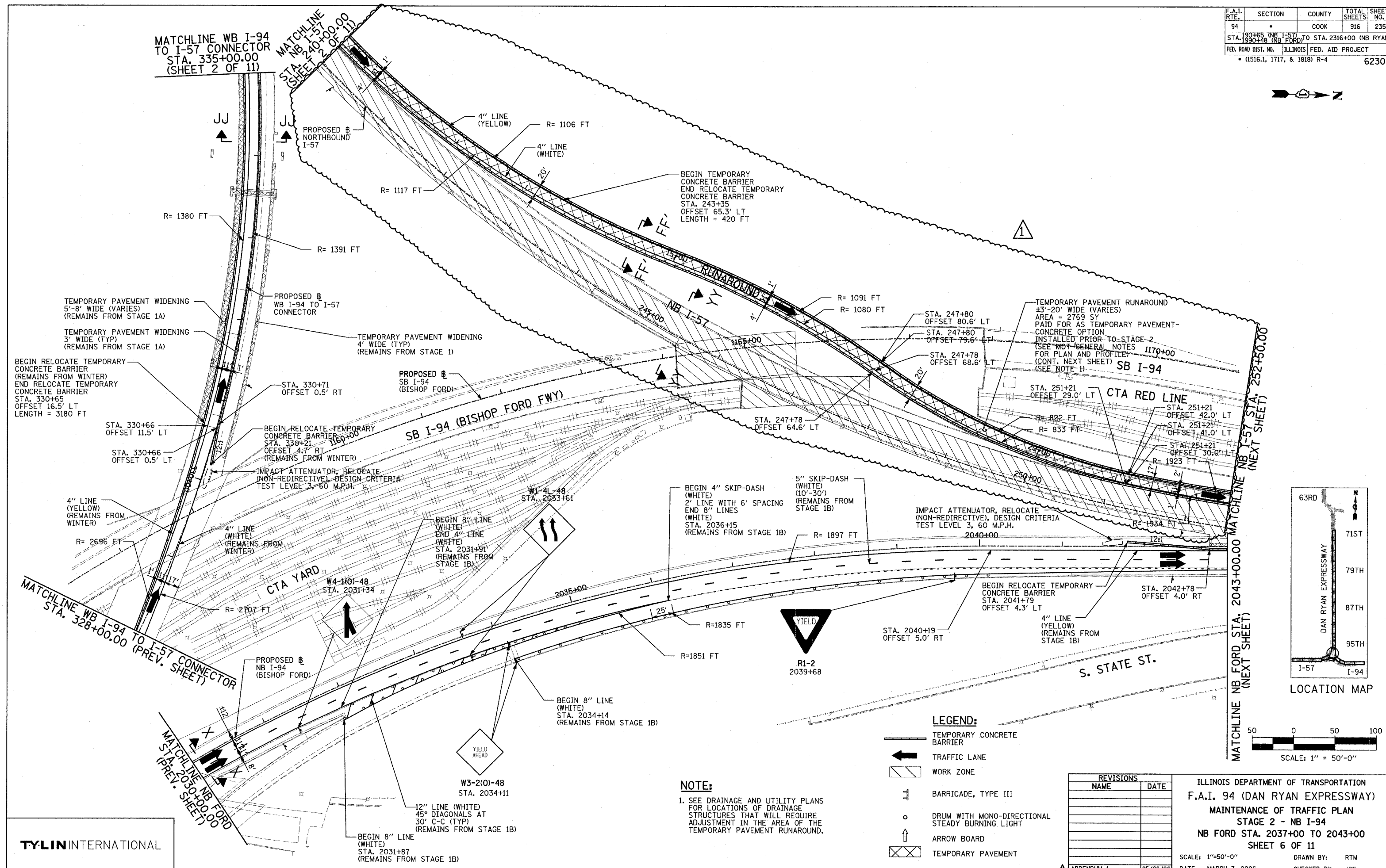
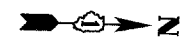




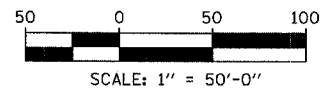


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	916	235
STA. 190+65 (NB I-57) TO STA. 2316+00 (NB RYAN)		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
		• (1516.1, 1717, & 1818) R-4		

62304



LOCATION MAP



**LEGEND:**

- TEMPORARY CONCRETE BARRIER
- TRAFFIC LANE
- WORK ZONE
- BARRICADE, TYPE III
- DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- ARROW BOARD
- TEMPORARY PAVEMENT

**NOTE:**

1. SEE DRAINAGE AND UTILITY PLANS FOR LOCATIONS OF DRAINAGE STRUCTURES THAT WILL REQUIRE ADJUSTMENT IN THE AREA OF THE TEMPORARY PAVEMENT RUNAROUND.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 MAINTENANCE OF TRAFFIC PLAN  
 STAGE 2 - NB I-94  
 NB FORD STA. 2037+00 TO 2043+00  
 SHEET 6 OF 11

SCALE: 1"=50'-0"  
 DATE: MARCH 7, 2006  
 DRAWN BY: RTM  
 CHECKED BY: JDF

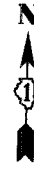
TYLIN INTERNATIONAL

ADDENDUM 1 05/08/06





F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	916	24
STA. 190+65 (NB I-57) TO STA. 2316+00 (NB RYAN EXPRESSWAY)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717, & 1818) R-4				

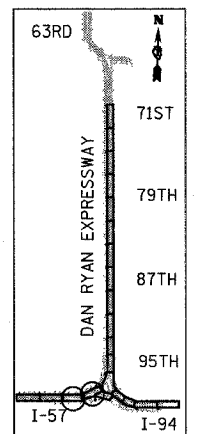


**NOTE:**

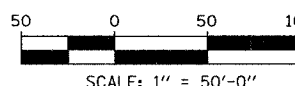
- MOT AT THE WEST END OF CONTRACT 62304 FOR THE WB CONNECTOR MUST AT ALL TIMES MATCH CONTRACT 62593 TO THE WEST.
- ON ALL THE STAGE 3 PLAN SHEETS, CALLOUTS FOR TEMPORARY CONCRETE BARRIER TO THE FRONT FACE OF THE WALL

**LEGEND:**

- TEMPORARY CONCRETE BARRIER
- TRAFFIC LANE
- WORK ZONE
- BARRICADE, TYPE III
- DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- ARROW BOARD
- TEMPORARY PAVEMENT



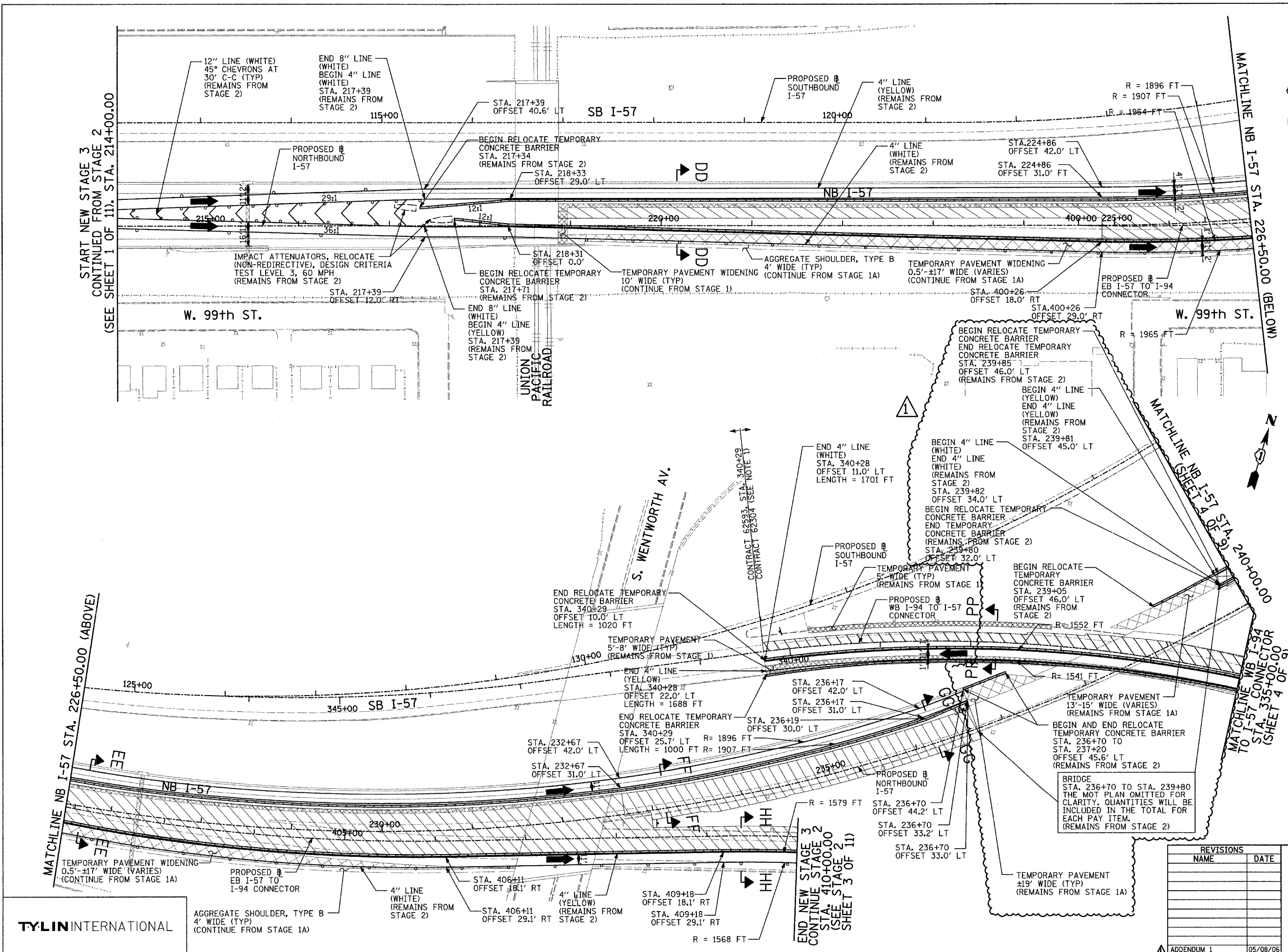
LOCATION MAP



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 MAINTENANCE OF TRAFFIC PLAN  
 STAGE 3 - NB I-94  
 NB I-57 STA. 214+00 TO 240+00  
 SHEET 1 OF 9

SCALE: 1"=50'-0"  
 DATE: MARCH 7, 2006  
 DRAWN BY: RTM  
 CHECKED BY: JDF



TYLIN INTERNATIONAL

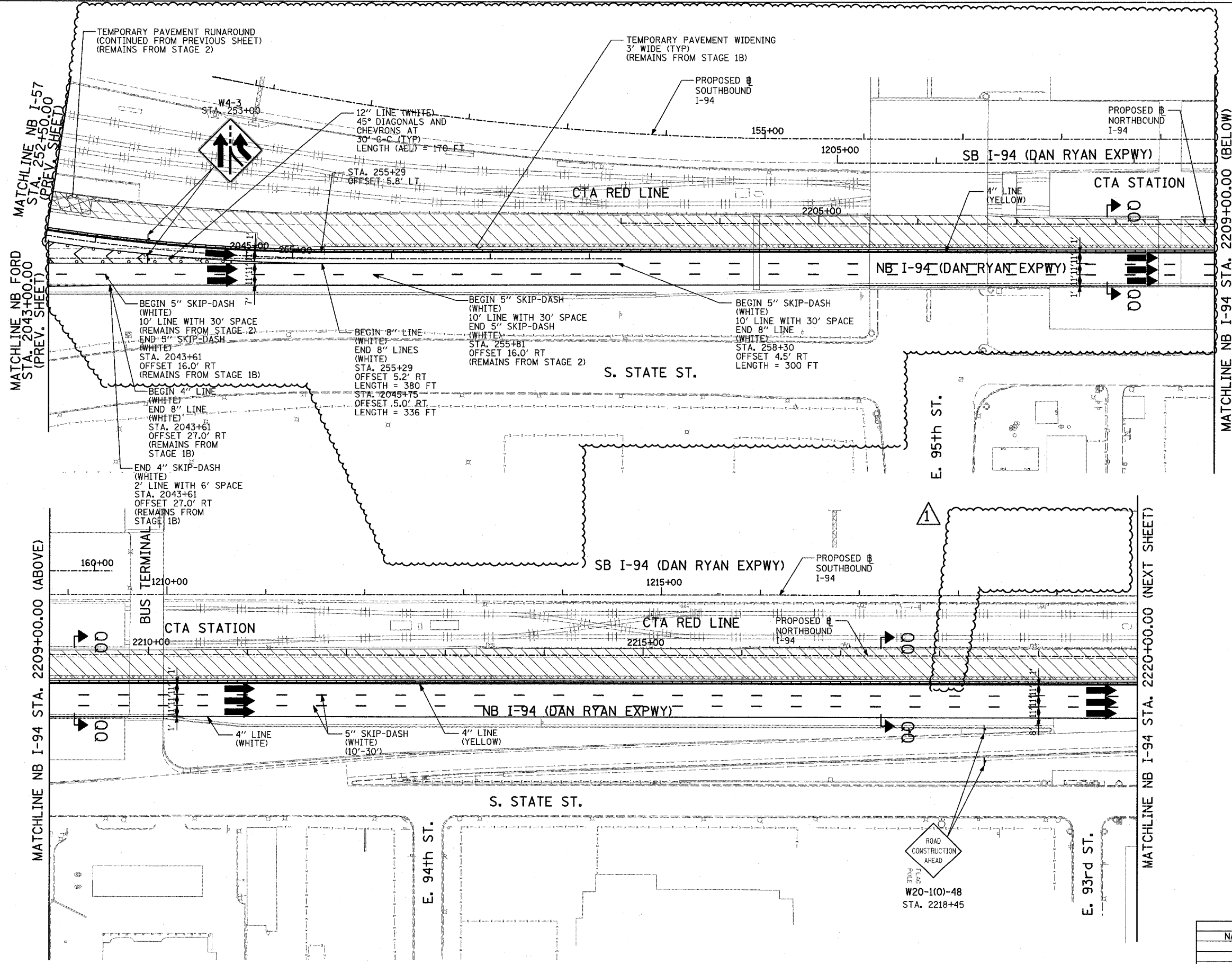
AGGREGATE SHOULDER, TYPE B  
 4' WIDE (TYP)  
 (CONTINUE FROM STAGE 1A)

END NEW STAGE 3  
 CONTINUE STAGE 2  
 STA. 410+00.00  
 (SEE STAGE 2  
 SHEET 3 OF 11)

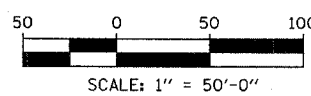
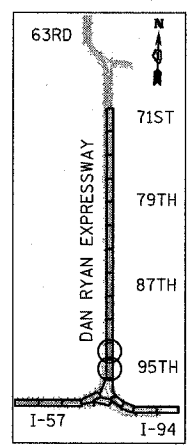
BRIDGE  
 STA. 236+70 TO STA. 239+80  
 THE MOT PLAN OMITTED FOR  
 CLARITY. QUANTITIES WILL BE  
 INCLUDED IN THE TOTAL FOR  
 EACH PAY ITEM.  
 (REMAINS FROM STAGE 2)







- LEGEND:**
- TEMPORARY CONCRETE BARRIER
  - TRAFFIC LANE
  - WORK ZONE
  - BARRICADE, TYPE III
  - DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
  - ARROW BOARD
  - TEMPORARY PAVEMENT



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 MAINTENANCE OF TRAFFIC PLAN  
 STAGE 3 - NB I-94  
 NB FORD STA. 2043+00 TO I-94 STA. 2220+00  
 SHEET 5 OF 9

SCALE: 1"=50'-0"  
 DATE: MARCH 7, 2006  
 DRAWN BY: RTM  
 CHECKED BY: JDF

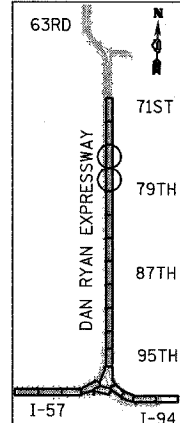
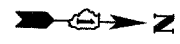
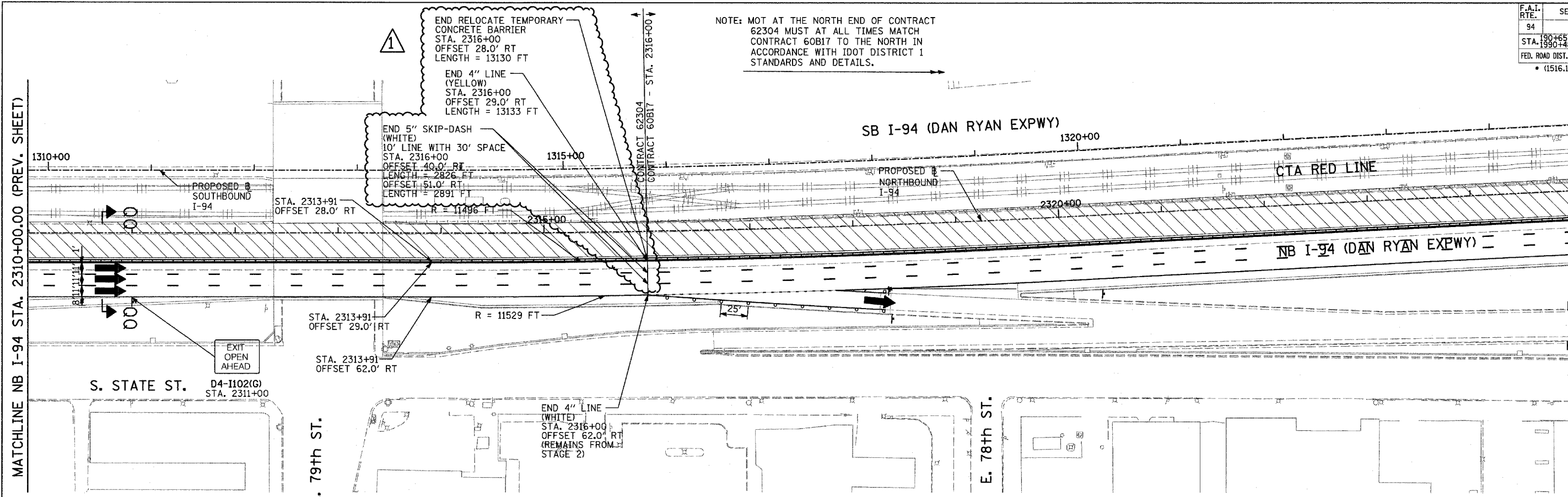
**TYLIN** INTERNATIONAL

ADDENDUM 1 05/08/06

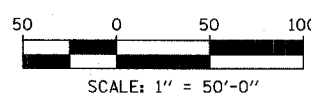
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	916	249
STA. 190+65 (NB I-57) TO STA. 2316+00 (NB RYAN EXPWY) TO STA. 2316+00 (NB RYAN EXPWY)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717, & 1818) R-4 62304				

MATCHLINE NB I-94 STA. 2310+00.00 (PREV. SHEET)

CONTRACT #60B17 NB I-94 STA. 2325+00.00



LOCATION MAP



- LEGEND:**
- TEMPORARY CONCRETE BARRIER
  - TRAFFIC LANE
  - WORK ZONE
  - BARRICADE, TYPE III
  - DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
  - ARROW BOARD
  - TEMPORARY PAVEMENT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
MAINTENANCE OF TRAFFIC PLAN  
STAGE 3 - NB I-94  
NB I-94 STA. 2310+00 TO 2340+00  
SHEET 9 OF 9

SCALE: 1"=50'-0"  
DATE: MARCH 7, 2006

DRAWN BY: RTM  
CHECKED BY: JDF

TYLIN INTERNATIONAL

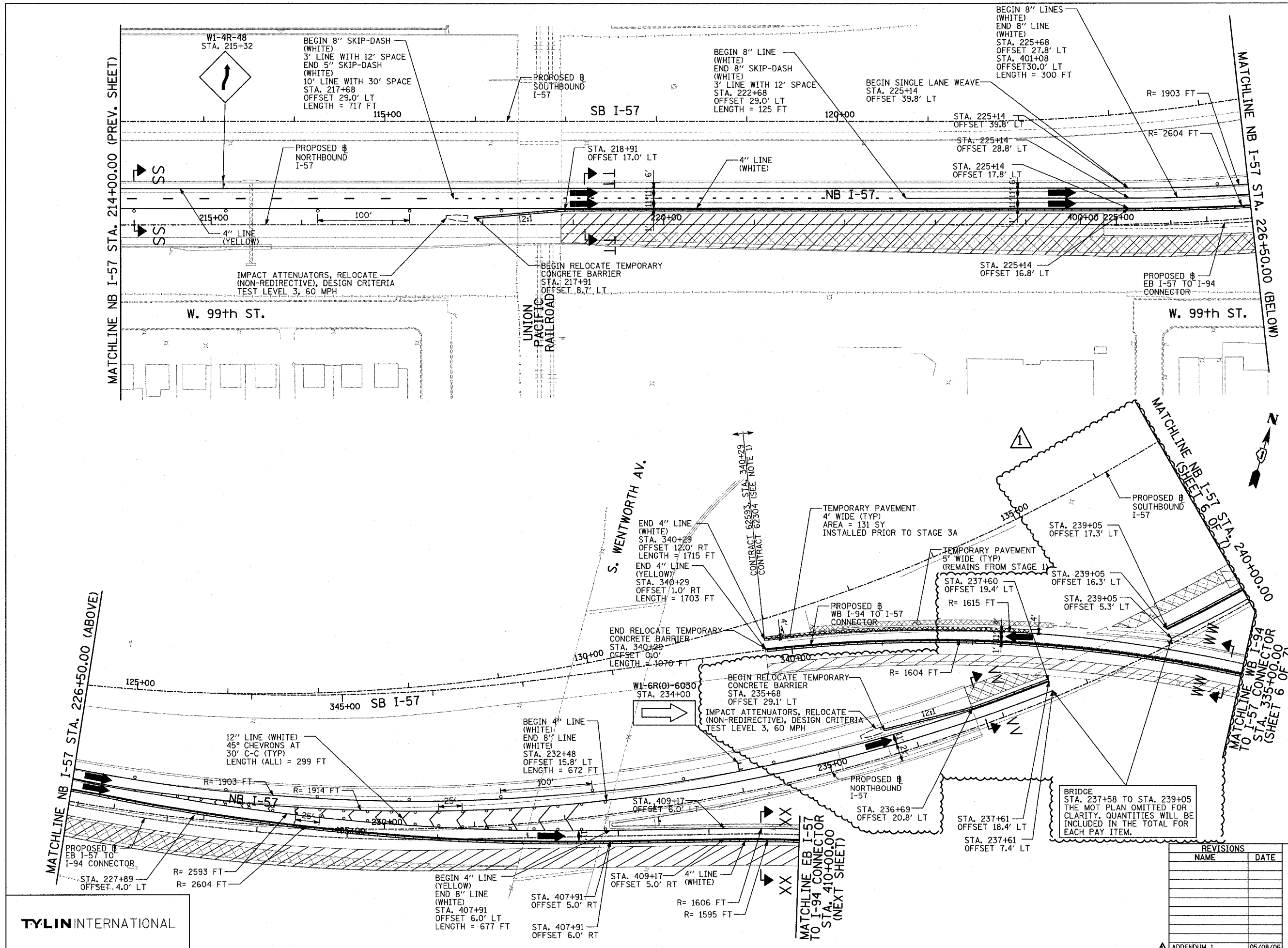
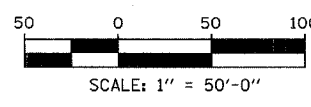
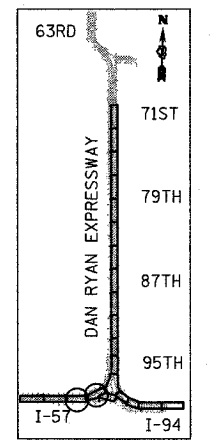
ADDENDUM 1 05/08/06

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	916	251

STA. 190+65 (NB I-57) TO STA. 2316+00 (NB RYAN EXPRESSWAY)  
 STA. 1990+48 (NB FORD) TO STA. 2316+00 (NB RYAN EXPRESSWAY)  
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT  
 (1516.1, 1717, & 1818) R-4 62304

**NOTE:**  
 1. MOT AT THE WEST END OF CONTRACT 62304 FOR THE WB CONNECTOR MUST AT ALL TIMES MATCH CONTRACT 62593 TO THE WEST.

- LEGEND:**
- TEMPORARY CONCRETE BARRIER
  - TRAFFIC LANE
  - WORK ZONE
  - BARRICADE, TYPE III
  - DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
  - ARROW BOARD
  - TEMPORARY PAVEMENT



REVISIONS	
NAME	DATE

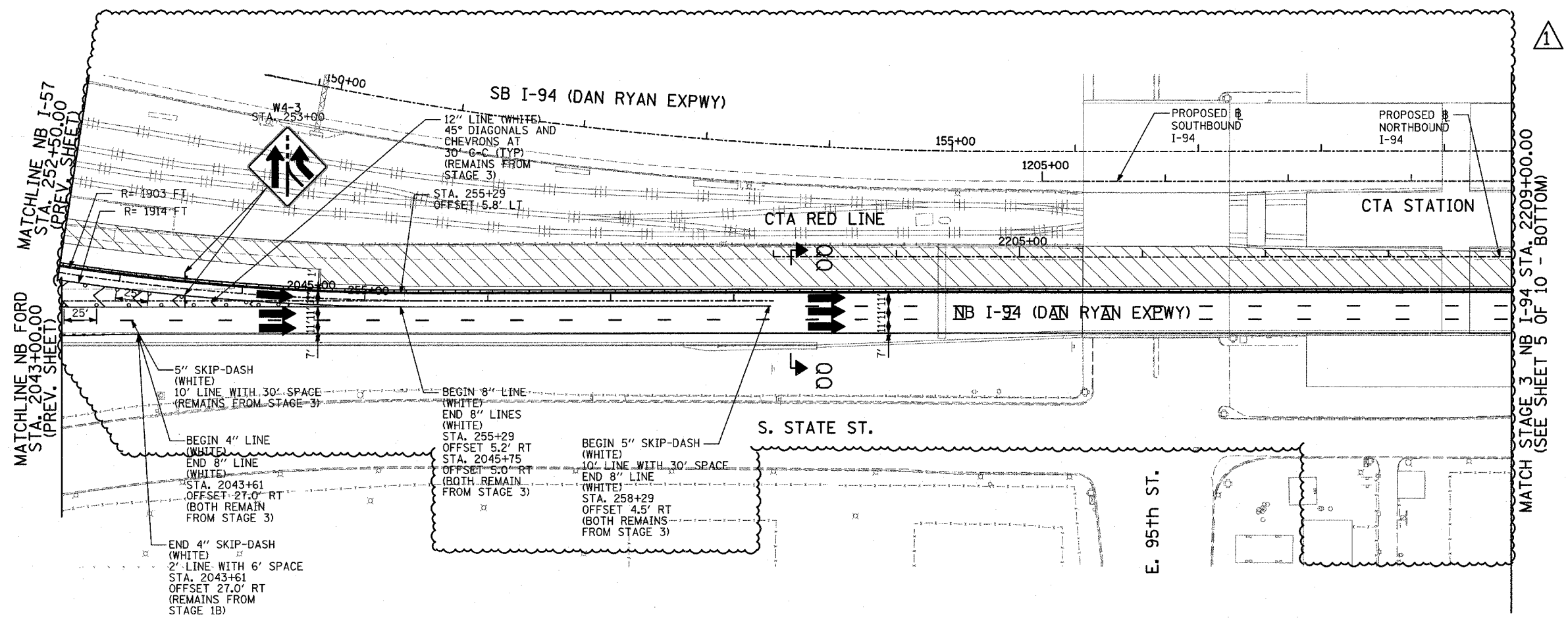
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 MAINTENANCE OF TRAFFIC PLAN  
 STAGE 3A - NB I-94  
 NB I-57 STA. 214+00 TO 240+00  
 SHEET 2 OF 7

SCALE: 1"=50'-0"  
 DATE: MARCH 7, 2006  
 DRAWN BY: RTM  
 CHECKED BY: JDF

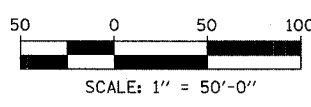
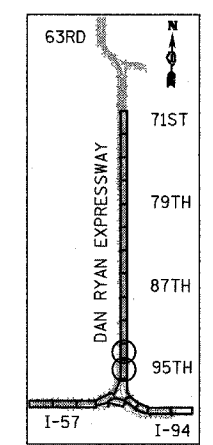
TYLIN INTERNATIONAL







- LEGEND:**
- TEMPORARY CONCRETE BARRIER
  - TRAFFIC LANE
  - WORK ZONE
  - BARRICADE, TYPE III
  - DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
  - ARROW BOARD
  - TEMPORARY PAVEMENT



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 MAINTENANCE OF TRAFFIC PLAN  
 STAGE 3A - NB I-94  
 NB FORD STA. 2043+00 TO I-94 STA. 2220+00  
 SHEET 7 OF 7

SCALE: 1"=50'-0"  
 DATE: MARCH 7, 2006  
 DRAWN BY: RTM  
 CHECKED BY: JDF

**TYLIN** INTERNATIONAL

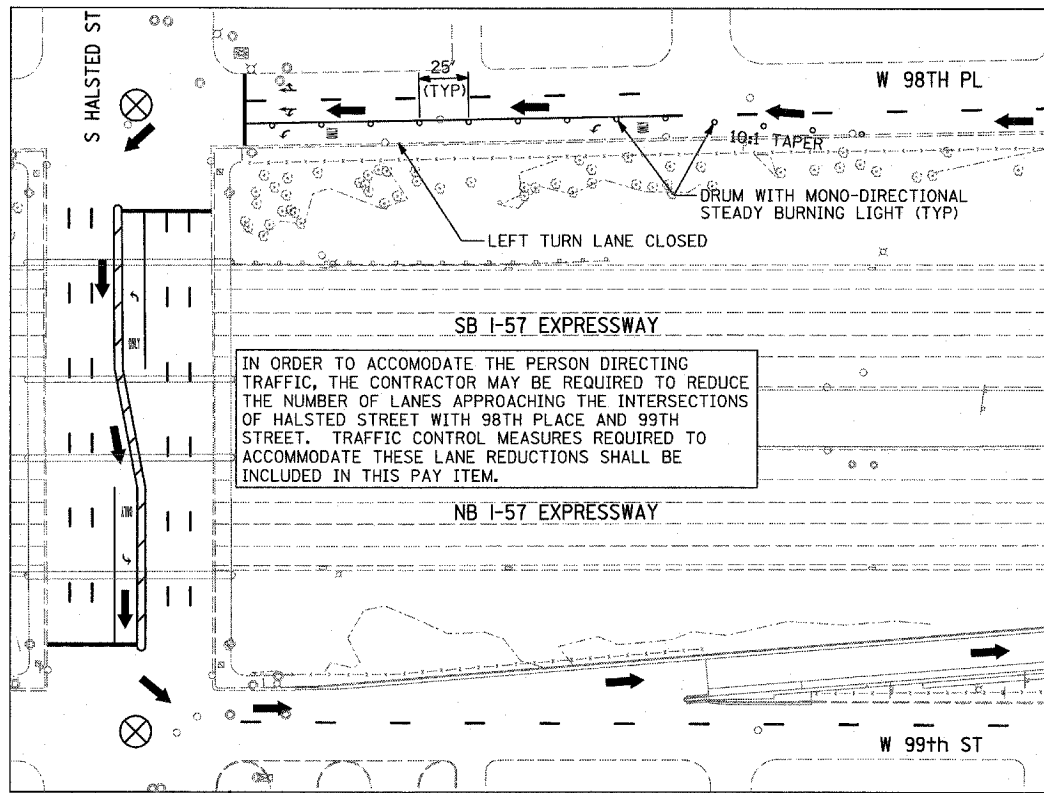
ADDENDUM 1 05/08/06

SIGNS ON THIS SHEET SHALL BE PAID FOR AS "TRAFFIC CONTROL AND PROTECTION FOR DETOUR ROUTE". 1 LUMP SUM.

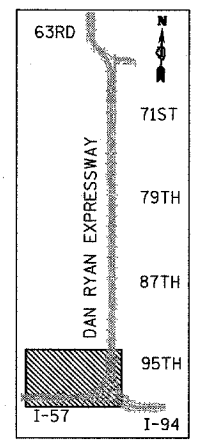
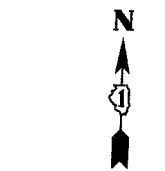
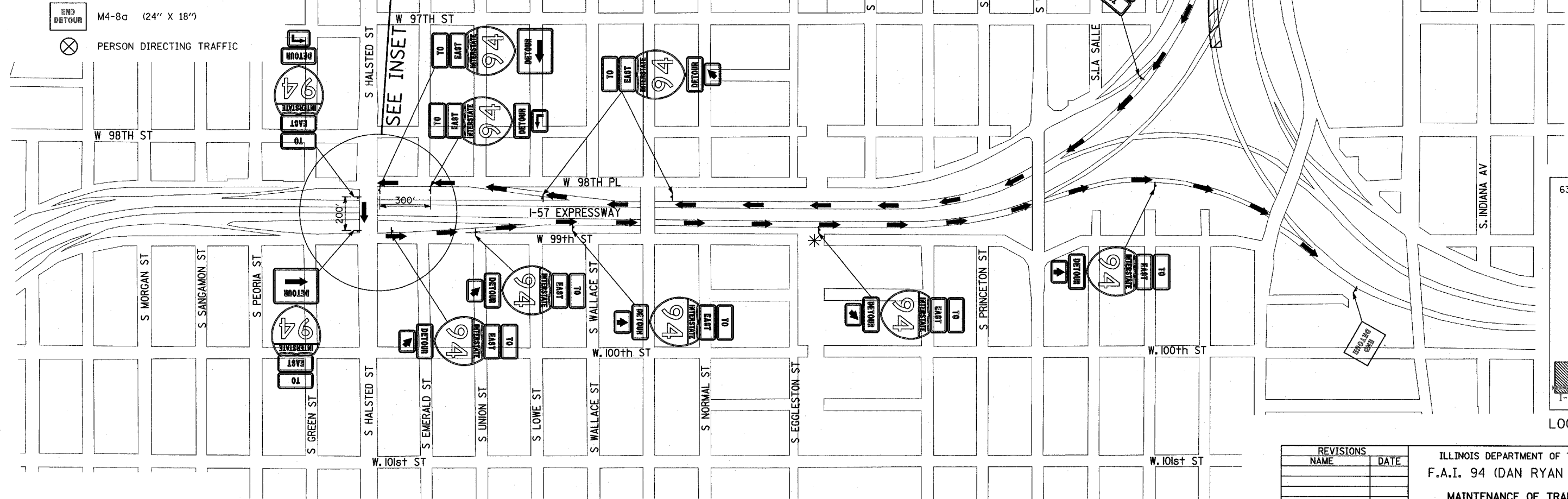
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	916	258A
STA. 190+65 (NB I-57)		TO STA. 2316+00 (NB RYAN)		
STA. 190+48 (NB FORD)				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
				62304

**LEGEND**

- M4-5 (30" X 15")
- M3-2 (24" X 12")
- M4-8 (24" X 12")
- M1-1 (24" X 24")
- M20-2 (36" X 36")
- M4-9L (30" X 24")
- M4-9R (30" X 24")
- M6-2 (21" X 15")
- M6-3 (21" X 15")
- M5-1R (21" X 15")
- M5-1L (21" X 15")
- DETOUR ROUTE
- CLOSED TO TRAFFIC
- M4-8a (24" X 18")
- PERSON DIRECTING TRAFFIC



PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED IN ADVANCE OF THE DETOUR AS DETAILED IN THE SPECIAL PROVISIONS.



**TYLIN INTERNATIONAL**

\* LOCATION OF THESE SIGNS WILL VARY TO REFLECT THE CURRENT MAINTENANCE OF TRAFFIC CONFIGURATION. DETOUR TRAILBLAZER SIGNS ARE TO BE PLACED ADJACENT TO THE START OF THE GORE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 MAINTENANCE OF TRAFFIC DETOUR  
 SOUTHBOUND I-94 (BISHOP FORD FREEWAY)  
 CLOSURE FOR BOX BEAMS REPLACEMENT

SCALE: NO SCALE  
 DATE: MAY 8, 2006  
 DRAWN BY: JJS  
 CHECKED BY: TGB

NEW SHEET 05/08/06



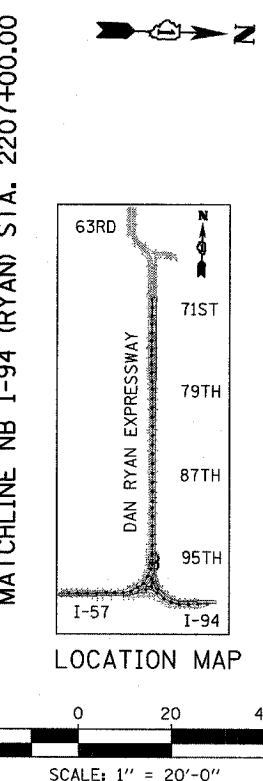
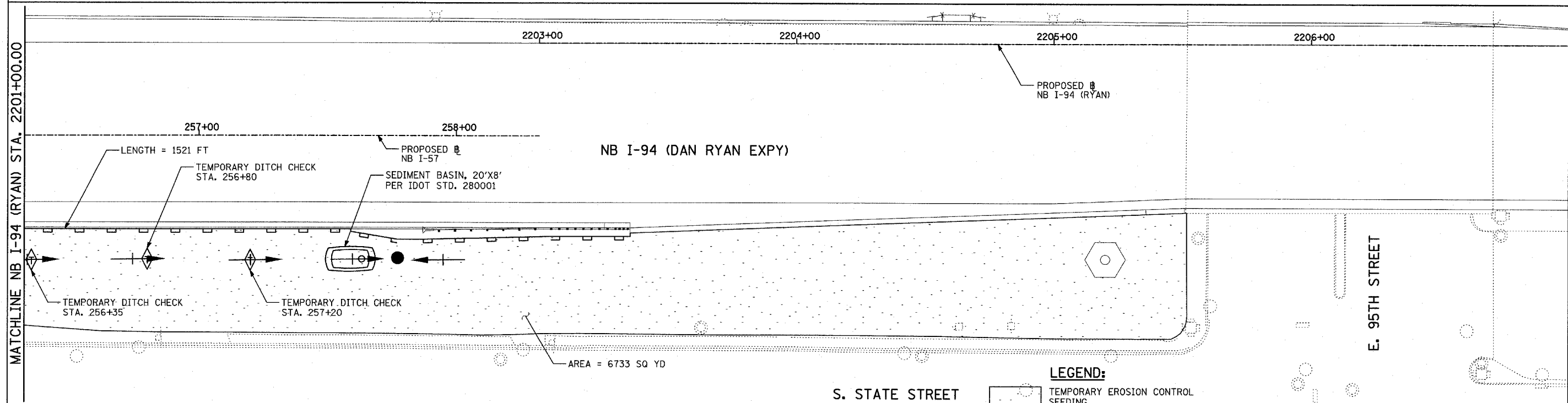
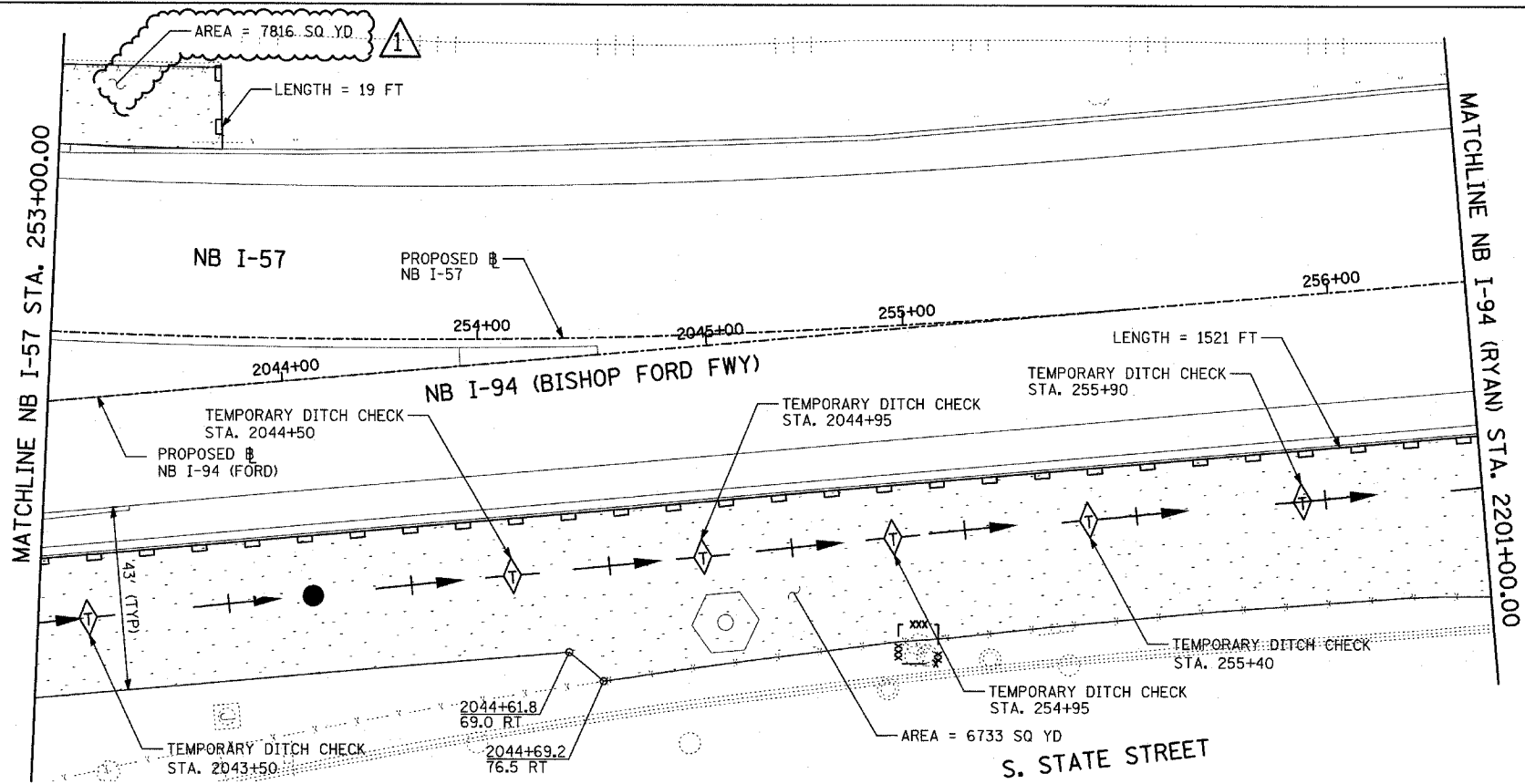








F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	916	293
STA. 190+65 (NB I-57) TO STA. 2316+00 (NB RYAN) (NB FORD)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717, & 1818) R-4 62304				



- LEGEND:**
- TEMPORARY EROSION CONTROL SEEDING
  - SEDIMENT CONTROL, SILT FENCE
  - INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF
  - TEMPORARY FENCE
  - TEMPORARY DITCH CHECK
  - PROPOSED DRAINAGE SWALE (SEE DRAINAGE PLANS)
  - EXISTING DRAINAGE SWALE
  - TEMPORARY FENCE FOR TREE PROTECTION (15 FEET PER SIDE = 60 FEET TOTAL)

TOTAL NUMBER OF INLET FILTERS THIS SHEET: 0  
 TOTAL NUMBER OF TEMPORARY DITCH CHECKS THIS SHEET: 9  
 TOTAL NUMBER OF TREES TO BE PROTECTED THIS SHEET: 1

REVISIONS	
NAME	DATE

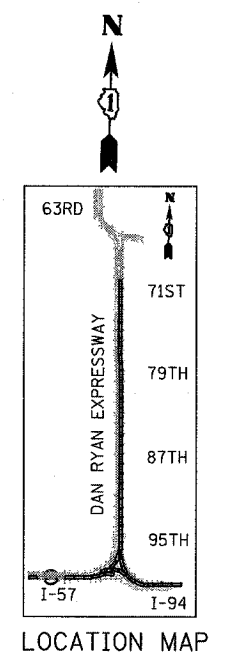
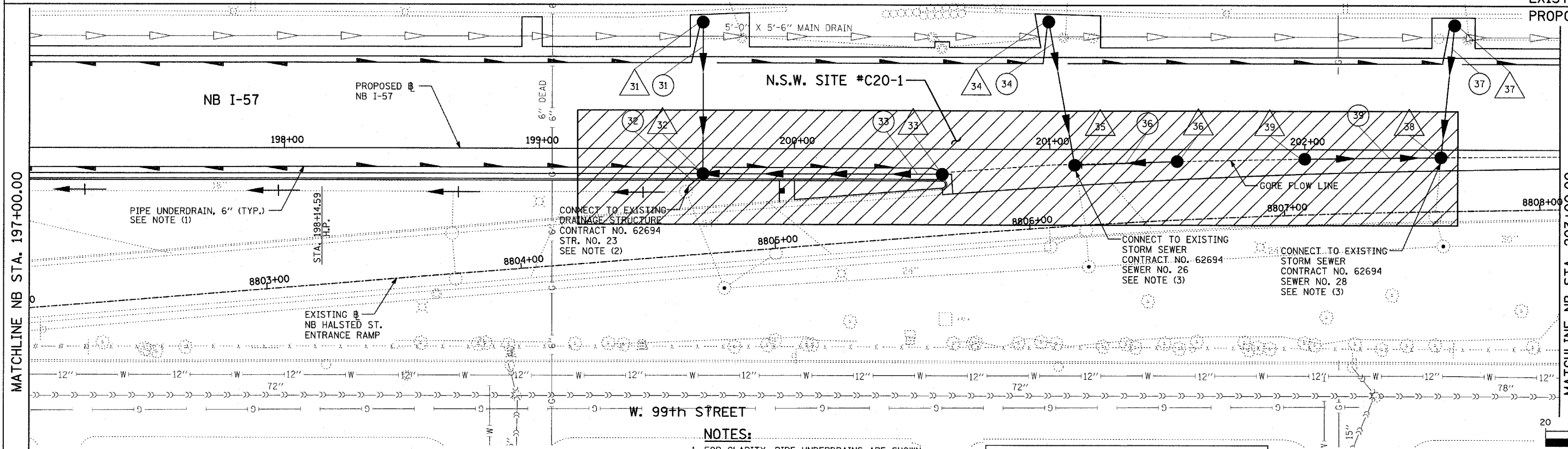
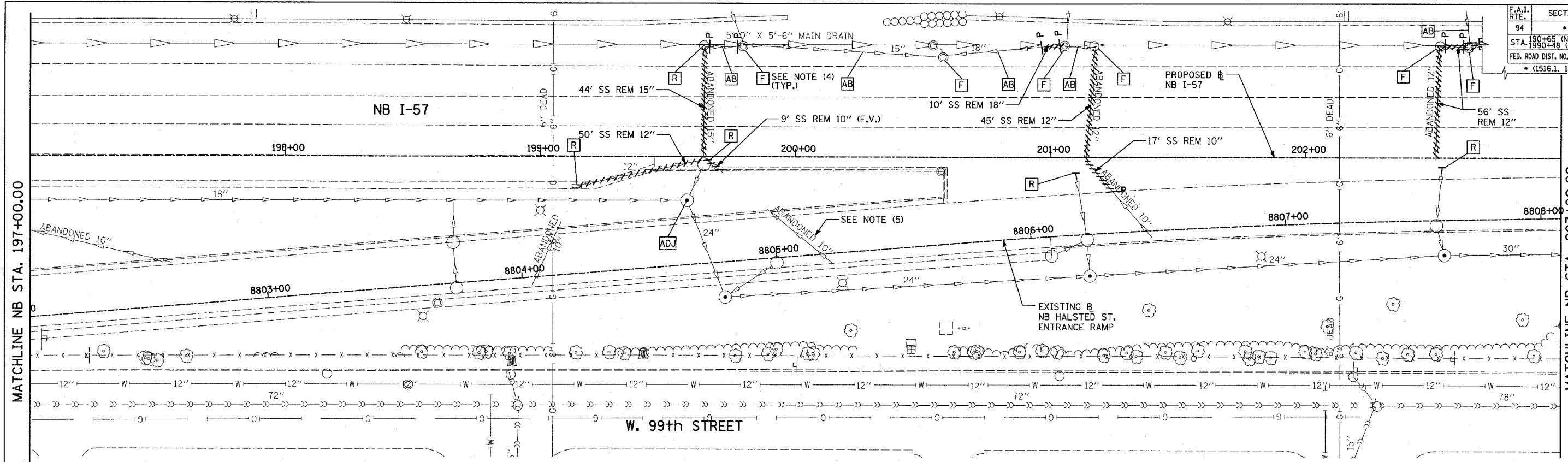
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 EROSION CONTROL PLAN  
 NB I-57 AND NB I-94  
 NB I-57 STA. 253+00.00 TO  
 NB I-94 STA. 2207+00.00  
 (SHEET 11 OF 28)

SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: JJS  
 CHECKED BY: MPG

**TYLIN** INTERNATIONAL

ADDENDUM 1 05/08/06

F.A.I. RTE. 94	SECTION	COUNTY COOK	TOTAL SHEETS 916	SHEET NO. 314
STA. 197+00 (NB I-57)				TO STA. 2316+00 (NB RYAN)
FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT	62304
• (1516.1, 1717, & 1818) R-4				



**LEGEND:**

	EXISTING COMBINED SEWER		SEWER PLUG
	PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)		F.V. FIELD VERIFY
	PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.)		UTILITY REMOVAL
	PIPE STUBOUT TO BE PLUGGED		PROPOSED CATCH BASIN CONSTRUCTED IN CONCURRENT CONTRACT 62593
			PROPOSED STORM SEWER CONSTRUCTED IN CONCURRENT CONTRACT 62593

- NOTES:**
- FOR CLARITY, PIPE UNDERDRAINS ARE SHOWN OFFSET FROM THEIR PROPOSED LOCATIONS. FOR DETAILED PLACEMENT, SEE SHEET "PIPE UNDERDRAINS DETAIL."
  - CORE DRILL AND CONNECT TO EXISTING DRAINAGE STRUCTURE. CONNECTION COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE STORM SEWER.
  - COST SHALL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN COST OF SEWER INSTALLATION.
  - COST TO REMOVE FRAME AND GRATE SHALL BE INCLUDED IN COST TO FILL DRAINAGE STRUCTURE.

5. SEWERS DENOTED AS SUCH WERE ABANDONED UNDER A PREVIOUS CONTRACT AND WILL BE REMOVED UNDER CURRENT CONTRACT.

NSW - NON SPECIAL WASTE SITES ADDED TO SHEET

REVISIONS	
NAME	DATE

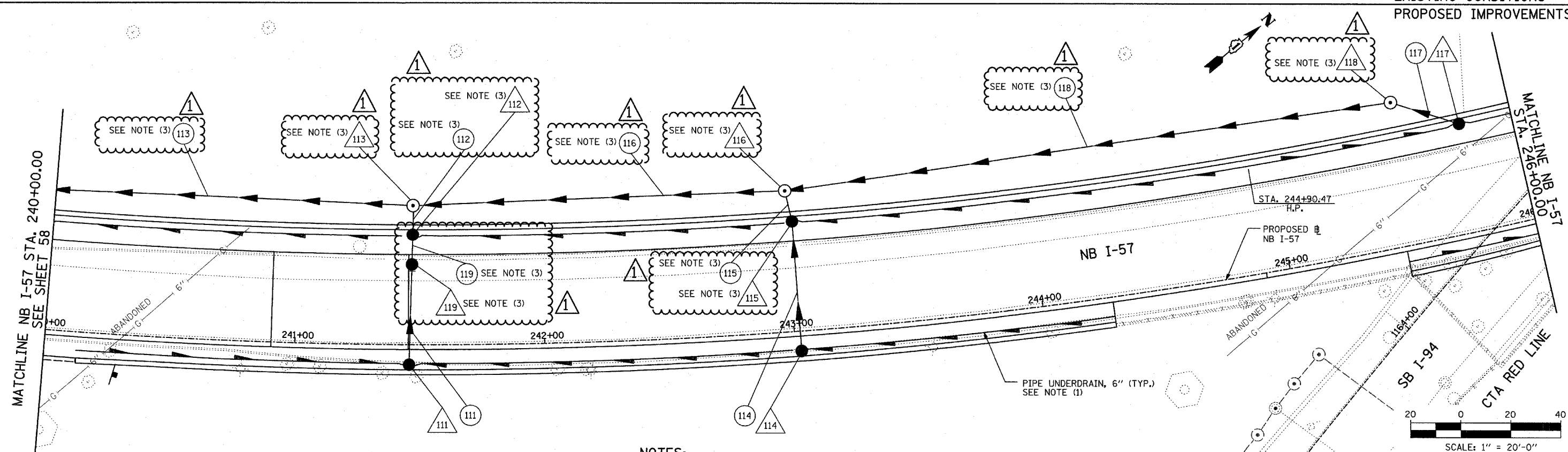
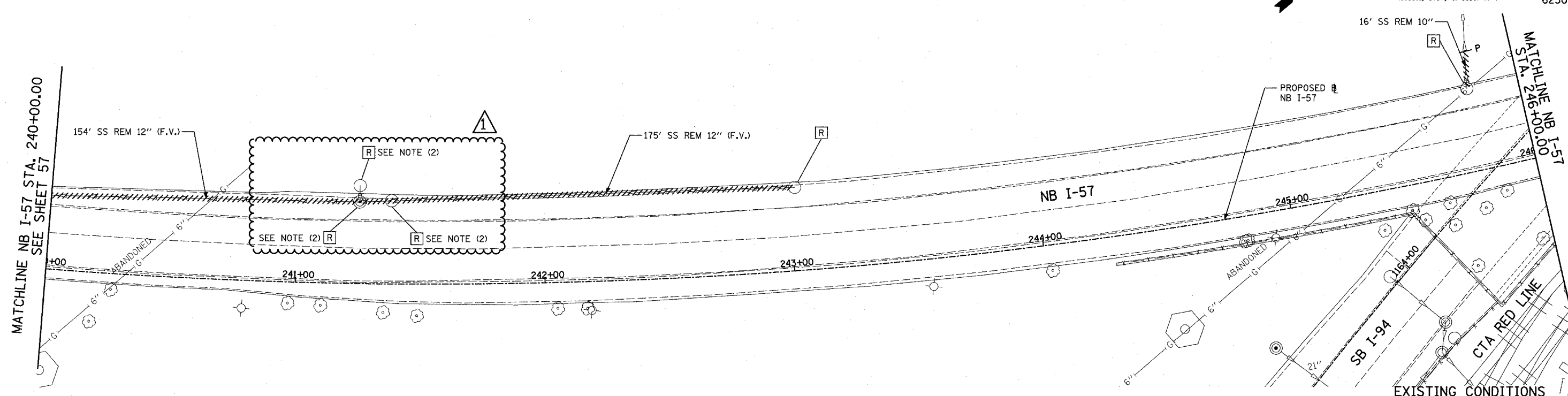
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 DRAINAGE AND UTILITY PLAN  
 NB I-57  
 NB I-57 STA. 197+00.00 TO 203+00.00

SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: MB  
 CHECKED BY: DA

TYLIN INTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	916	322
STA. 190+65 (NB I-57) TO STA. 2316+00 (NB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717, & 1818) R-4				

62304



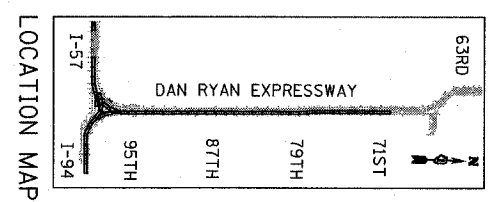
**TYLIN INTERNATIONAL**

**LEGEND:**

	EXISTING COMBINED SEWER		SEWER PLUG
	PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)		F.V. FIELD VERIFY
	PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.)		UTILITY REMOVAL
	PIPE STUBOUT TO BE PLUGGED		PROPOSED CATCH BASIN CONSTRUCTED IN CONCURRENT CONTRACT 62593
			PROPOSED STORM SEWER CONSTRUCTED IN CONCURRENT CONTRACT 62593

**NOTES:**

- FOR CLARITY, PIPE UNDERDRAINS ARE SHOWN OFFSET FROM THEIR PROPOSED LOCATIONS. FOR DETAILED PLACEMENT, SEE SHEET "PIPE UNDERDRAINS DETAIL."
- STRUCTURES TO BE ADJUSTED PRIOR TO STAGE 2 OF CONSTRUCTION TO MAINTAIN SURFACE DRAINAGE. THIS COST SHALL BE PAID FOR SEPARATELY AND INCLUDED IN THE SUMMARY OF QUANTITIES.
- REFER TO "CONSTRUCTION STAGING NOTES- MAINTENANCE OF TRAFFIC DETAILS-SHEET 1 OF 13 (SHEET #187)."



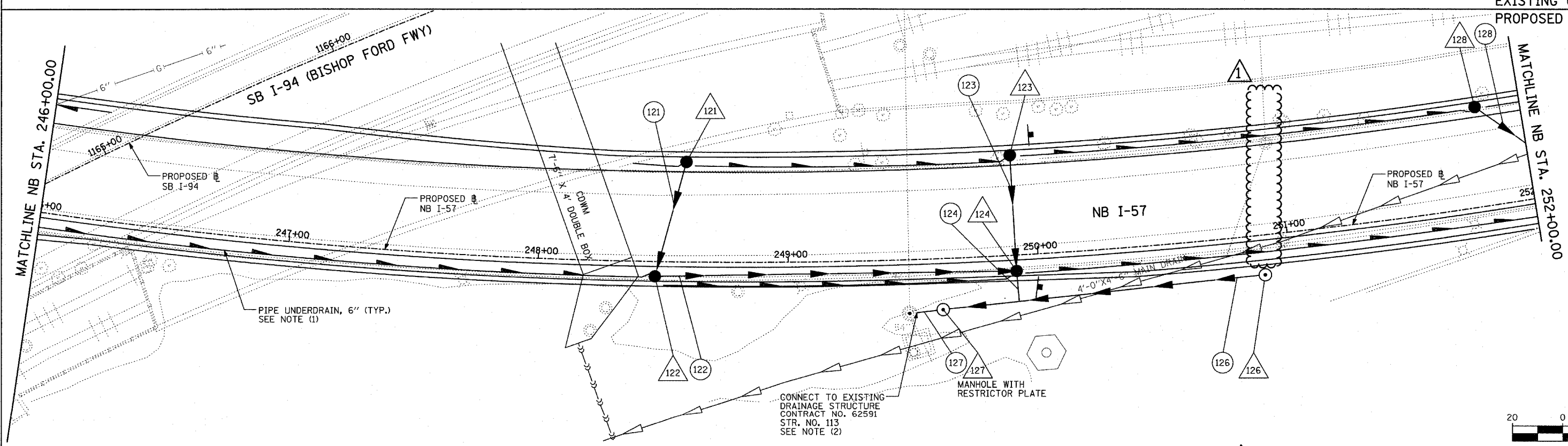
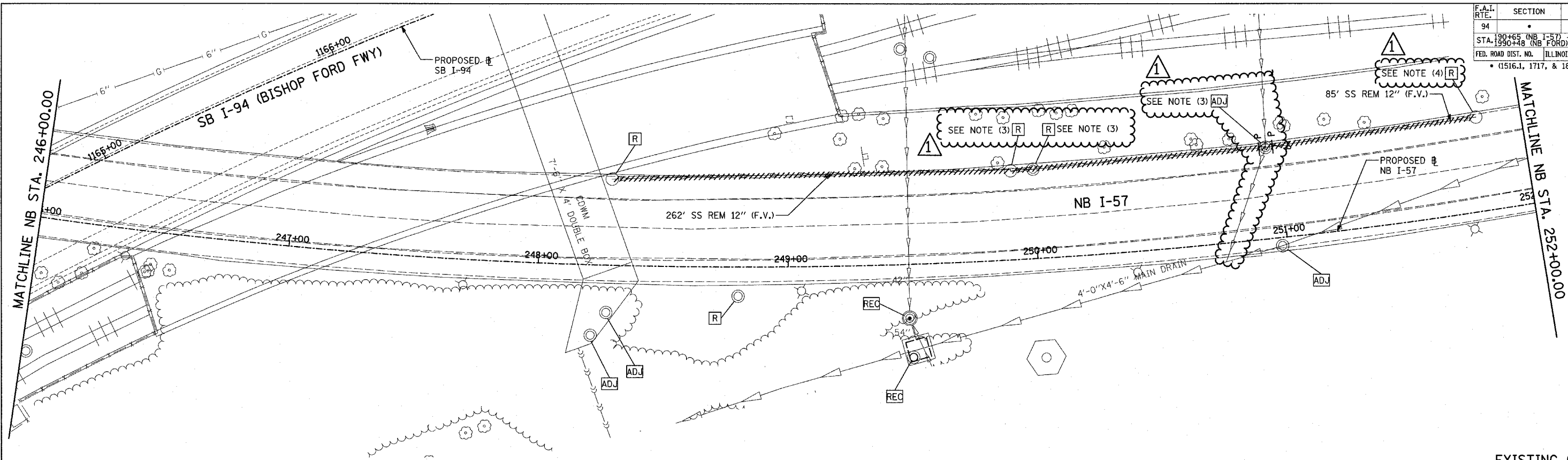
SHEET 11 OF 59

REVISIONS	
NAME	DATE

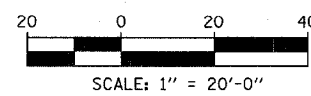
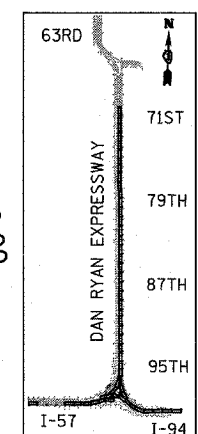
ADDENDUM 1 05/08/06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**DRAINAGE AND UTILITY PLAN**  
 NB I-57  
 NB STA. 240+00.00 TO 246+00.00

SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: MB  
 CHECKED BY: DA



EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS



**LEGEND:**

	EXISTING COMBINED SEWER		SEWER PLUG
	PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)		FIELD VERIFY
	PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.)		UTILITY REMOVAL
	PIPE STUBOUT TO BE PLUGGED		PROPOSED CATCH BASIN CONSTRUCTED IN CONCURRENT CONTRACT 62593
			PROPOSED STORM SEWER CONSTRUCTED IN CONCURRENT CONTRACT 62593

- NOTES:**
- FOR CLARITY, PIPE UNDERDRAINS ARE SHOWN OFFSET FROM THEIR PROPOSED LOCATIONS. FOR DETAILED PLACEMENT, SEE SHEET "PIPE UNDERDRAINS DETAIL."
  - CORE DRILL AND CONNECT TO EXISTING DRAINAGE STRUCTURE. CONNECTION COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE STORM SEWER.

- STRUCTURES TO BE RECONSTRUCTED PRIOR TO STAGE 2 OF CONSTRUCTION TO MAINTAIN SURFACE DRAINAGE. THIS COST SHALL BE PAID FOR SEPARATELY AND INCLUDED IN THE SUMMARY OF QUANTITIES.
- STRUCTURES TO BE ADJUSTED DURING STAGE 2 OF CONSTRUCTION TO MAINTAIN SURFACE DRAINAGE. THIS COST SHALL BE PAID FOR SEPARATELY AND INCLUDED IN THE SUMMARY OF QUANTITIES.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**DRAINAGE AND UTILITY PLAN**  
NB I-57  
STA. 246+00.00 TO 252+00.00

SCALE: 1"=20'  
DATE: MARCH 7, 2006  
DRAWN BY: MB  
CHECKED BY: DA

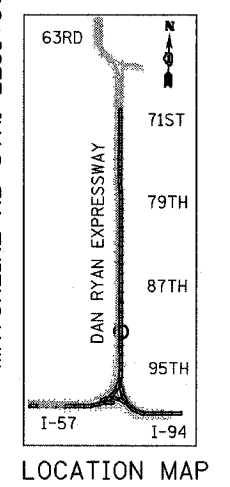
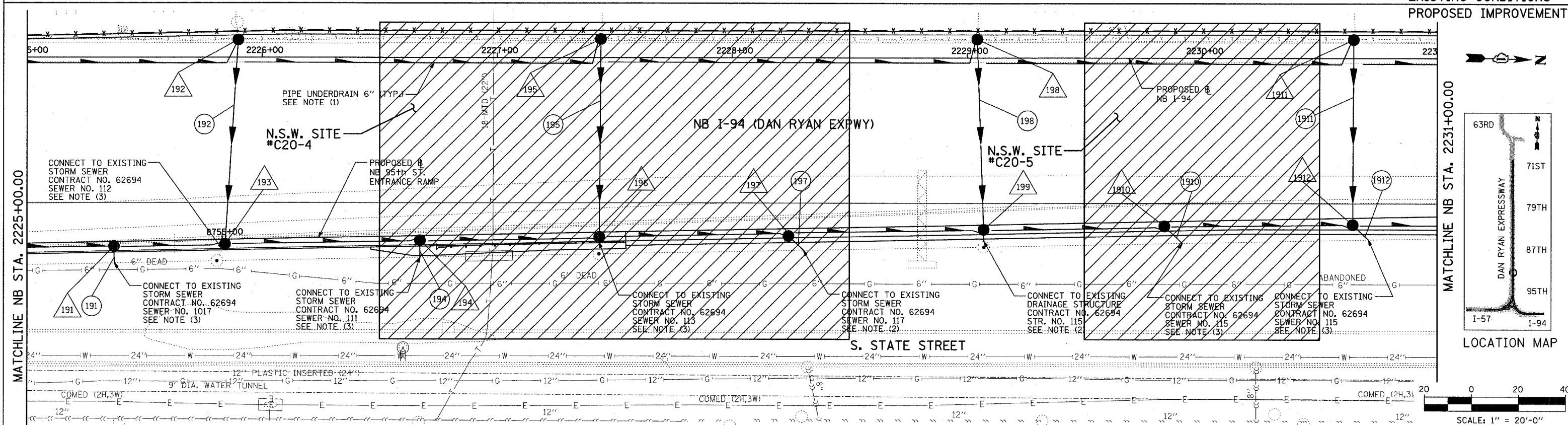
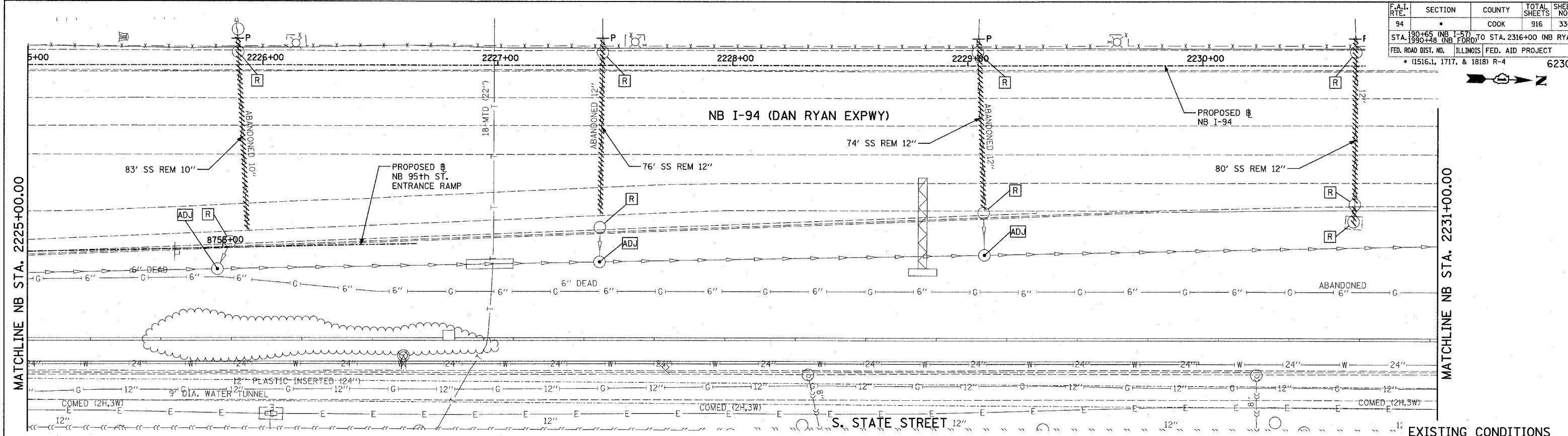
**TYLIN INTERNATIONAL**







F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	916	330
STA. 190+65 (NB I-57) TO STA. 2316+00 (NB RYAN EXPWY)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516, 1717, & 1818) R-4 62304				



SCALE: 1" = 20'-0"

TYLIN INTERNATIONAL

**LEGEND:**

	EXISTING COMBINED SEWER		SEWER PLUG
	PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)		FIELD VERIFY
	PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.)		UTILITY REMOVAL
	PIPE STUBOUT TO BE PLUGGED		PROPOSED CATCH BASIN CONSTRUCTED IN CONCURRENT CONTRACT 62593
			PROPOSED STORM SEWER CONSTRUCTED IN CONCURRENT CONTRACT 62593

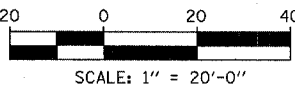
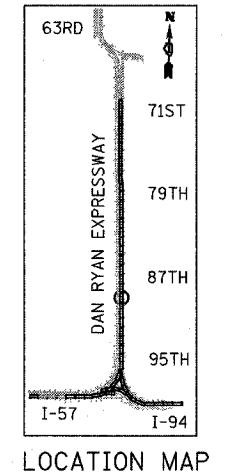
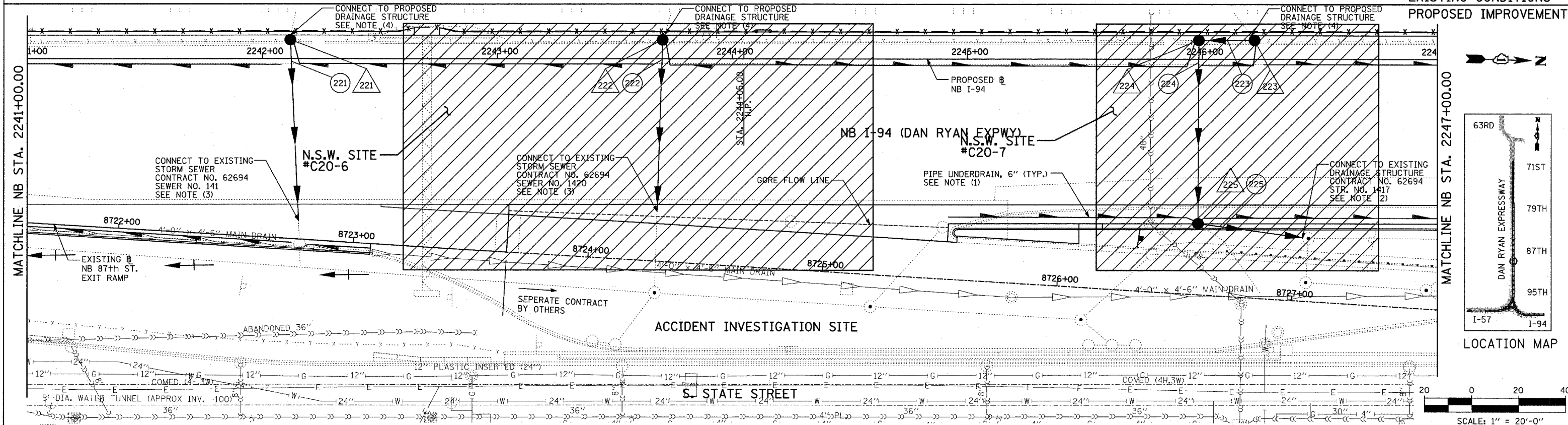
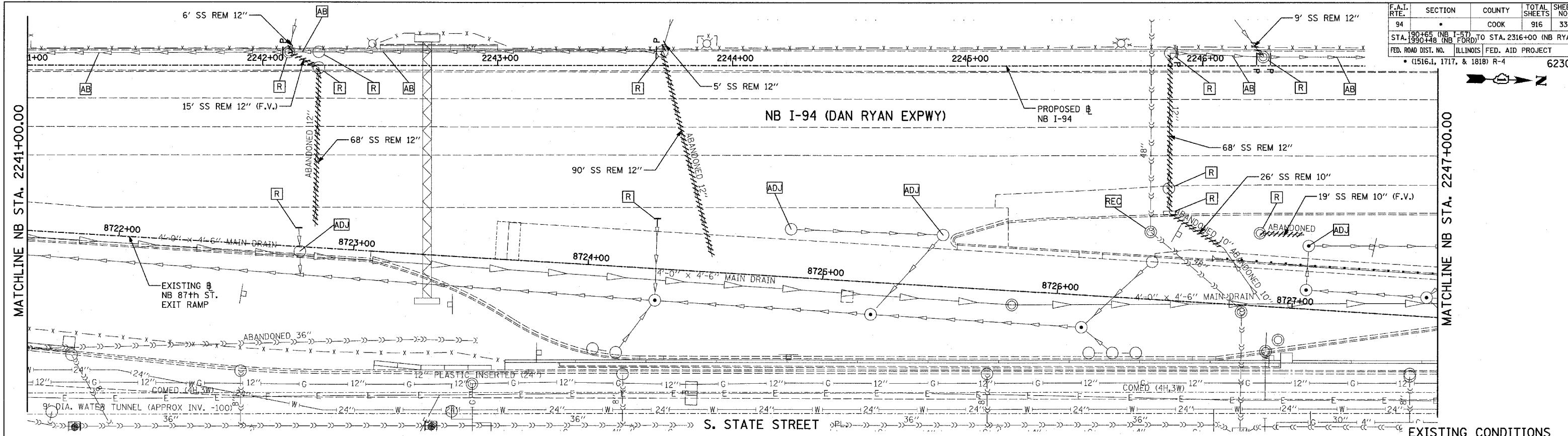
- NOTES:**
- FOR CLARITY, PIPE UNDERDRAINS ARE SHOWN OFFSET FROM THEIR PROPOSED LOCATIONS. FOR DETAILED PLACEMENT, SEE SHEET "PIPE UNDERDRAINS DETAIL."
  - CORE DRILL AND CONNECT TO EXISTING DRAINAGE STRUCTURE. CONNECTION COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE STORM SEWER.
  - COST SHALL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN COST OF SEWER INSTALLATION.

NSW - NON SPECIAL WASTE SITES ADDED TO SHEET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**DRAINAGE AND UTILITY PLAN**  
**NB I-94 (DAN RYAN EXPRESSWAY)**  
**NB I-94 STA. 2225+00.00 TO 2231+00.00**

SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: MB  
 CHECKED BY: DA



**LEGEND:**

- |  |  |  |   |
|--|--|--|---|
|  | EXISTING COMBINED SEWER                                  |  | SEWER PLUG  |
|  | PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)    |  | FIELD VERIFY  |
|  | PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.) |  | UTILITY REMOVAL   |
|  | PIPE STUBOUT TO BE PLUGGED                               |  | PROPOSED CATCH BASIN CONSTRUCTED IN CONCURRENT CONTRACT 62593 |
|  |  |  | PROPOSED STORM SEWER CONSTRUCTED IN CONCURRENT CONTRACT 62593 |

**NOTES:**

- FOR CLARITY, PIPE UNDERDRAINS ARE SHOWN OFFSET FROM THEIR PROPOSED LOCATIONS. FOR DETAILED PLACEMENT, SEE SHEET "PIPE UNDERDRAINS DETAIL."
- CORE DRILL AND CONNECT TO EXISTING DRAINAGE STRUCTURE. CONNECTION COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE STORM SEWER.
- COST SHALL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN COST OF SEWER INSTALLATION.

4. ALL CONNECTIONS TO EXISTING SEWER OR STRUCTURE ALONG CTA SHALL BE FIELD VERIFIED PRIOR TO INSTALLATION AND COORDINATED WITH CTA CONSTRUCTION. COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE DRAINAGE STRUCTURE.

NSW - NON SPECIAL WASTE SITES ADDED TO SHEET

REVISIONS	
NAME	DATE

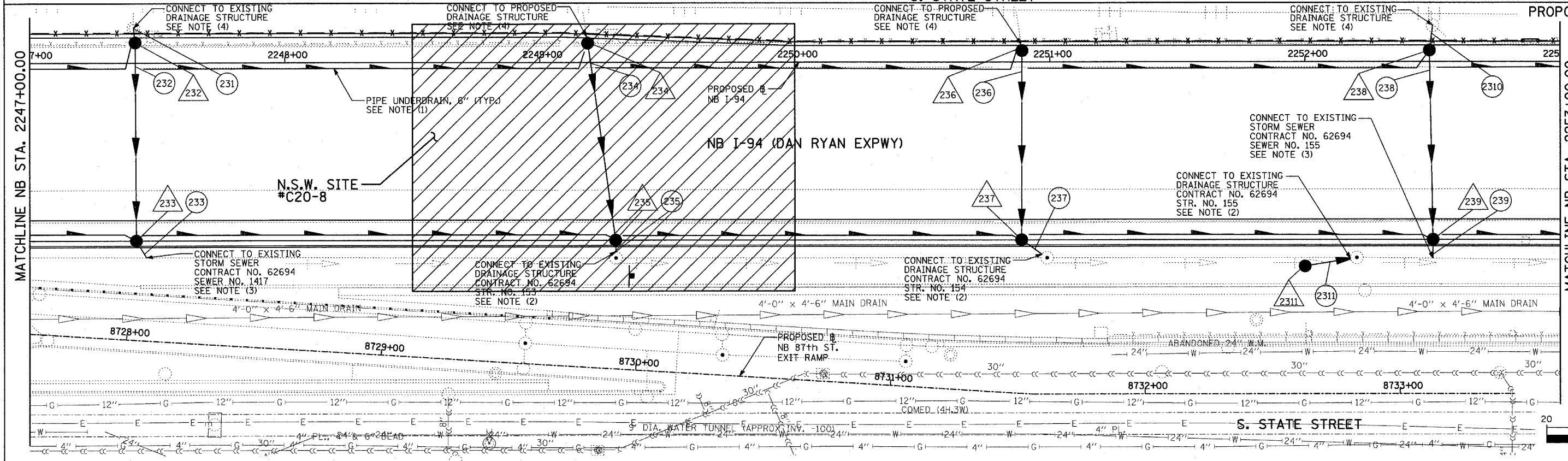
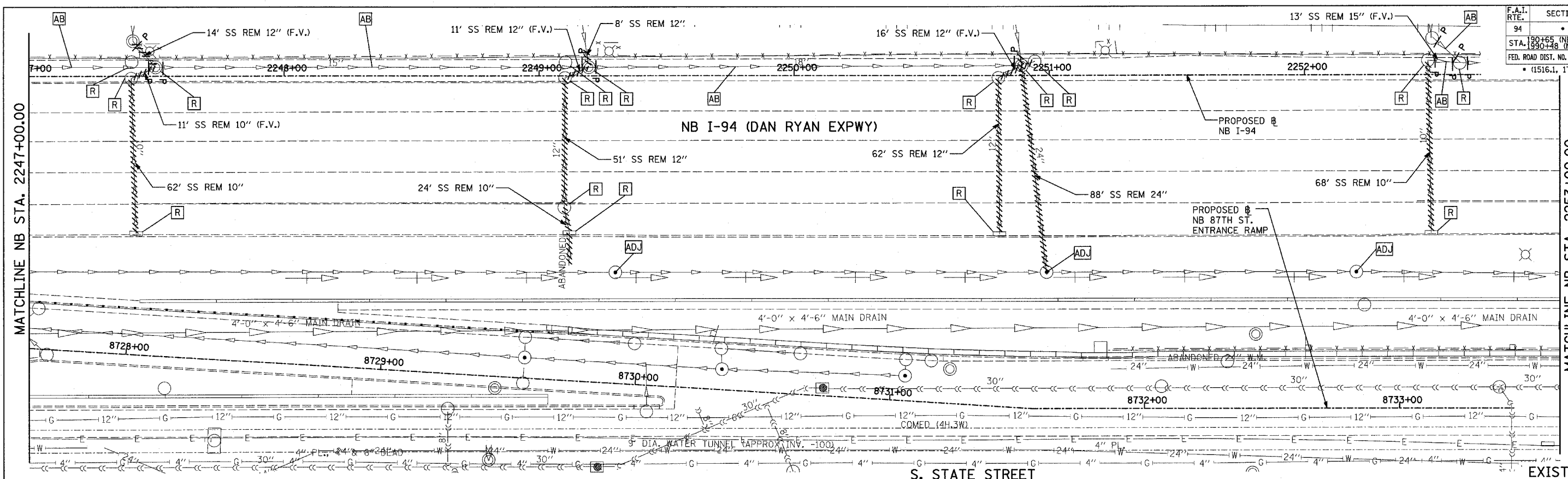
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 DRAINAGE AND UTILITY PLAN  
 NB I-94 (DAN RYAN EXPRESSWAY)  
 NB I-94 STA. 2241+00.00 TO 2247+00.00

SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: MB  
 CHECKED BY: DA

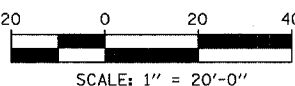
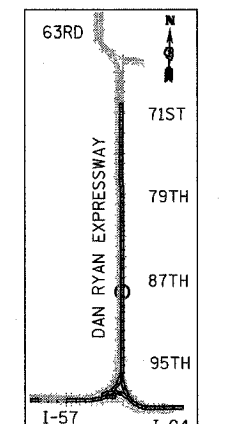
**TYLIN INTERNATIONAL**

ADDENDUM 1 - NSW 05/08/06





EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS



**LEGEND:**

- EXISTING COMBINED SEWER
- PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)
- PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.)
- PIPE STUBOUT TO BE PLUGGED
- SEWER PLUG
- F.V. FIELD VERIFY
- UTILITY REMOVAL
- PROPOSED CATCH BASIN CONSTRUCTED IN CONCURRENT CONTRACT 62593
- PROPOSED STORM SEWER CONSTRUCTED IN CONCURRENT CONTRACT 62593

**NOTES:**

1. FOR CLARITY, PIPE UNDERDRAINS ARE SHOWN OFFSET FROM THEIR PROPOSED LOCATIONS. FOR DETAILED PLACEMENT, SEE SHEET "PIPE UNDERDRAINS DETAIL."
2. CORE DRILL AND CONNECT TO EXISTING DRAINAGE STRUCTURE. CONNECTION COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE STORM SEWER.
3. COST SHALL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN COST OF SEWER INSTALLATION.
4. ALL CONNECTIONS TO EXISTING SEWER OR STRUCTURE ALONG CTA SHALL BE FIELD VERIFIED PRIOR TO INSTALLATION AND COORDINATED WITH CTA CONSTRUCTION. COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE DRAINAGE STRUCTURE.

NSW - NON SPECIAL WASTE SITES ADDED TO SHEET

REVISIONS	
NAME	DATE

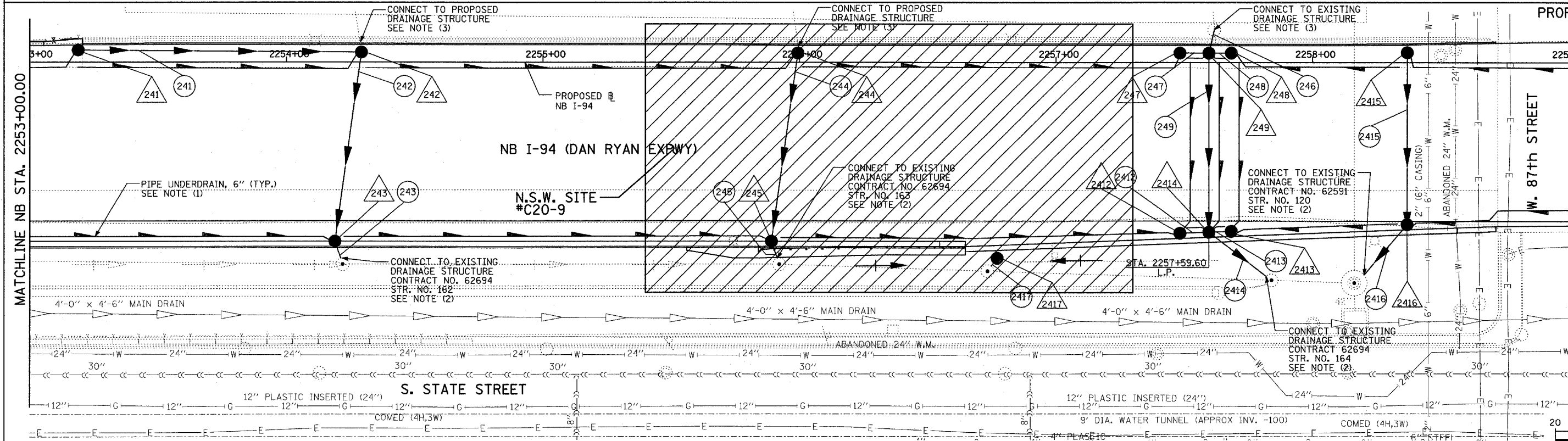
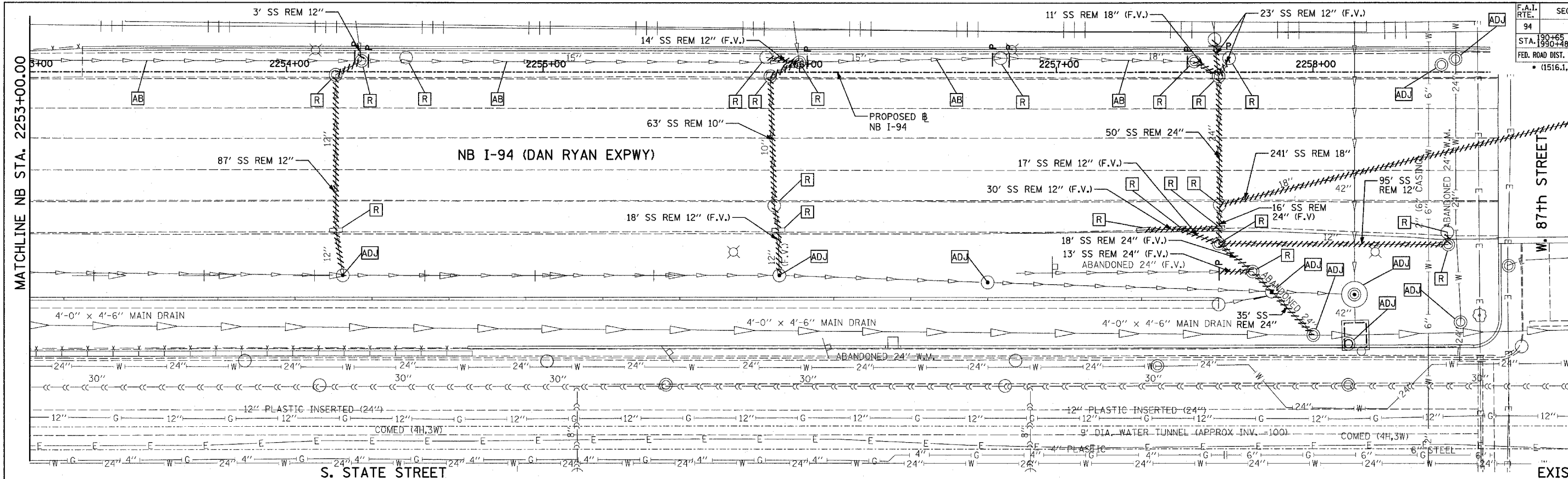
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**DRAINAGE AND UTILITY PLAN**  
**NB I-94 (DAN RYAN EXPRESSWAY)**  
**NB I-94 STA. 2247+00.00 TO 2253+00.00**

SCALE: 1"=20'  
 DATE: MARCH 7, 2006

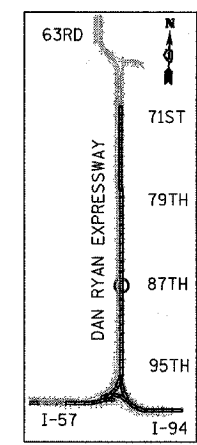
DRAWN BY: MB  
 CHECKED BY: DA

**TYLIN INTERNATIONAL**





EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS



LOCATION MAP

**NOTES:**

- FOR CLARITY, PIPE UNDERDRAINS ARE SHOWN OFFSET FROM THEIR PROPOSED LOCATIONS. FOR DETAILED PLACEMENT, SEE SHEET "PIPE UNDERDRAINS DETAIL."
- CORE DRILL AND CONNECT TO EXISTING DRAINAGE STRUCTURE. CONNECTION COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE STORM SEWER.
- ALL CONNECTIONS TO EXISTING SEWER OR STRUCTURE ALONG CTA SHALL BE FIELD VERIFIED PRIOR TO INSTALLATION AND COORDINATED WITH CTA CONSTRUCTION. COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE DRAINAGE STRUCTURE.

**NSW - NON SPECIAL WASTE SITES ADDED TO SHEET**

**LEGEND:**

- EXISTING COMBINED SEWER
- PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)
- PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.)
- PIPE STUBOUT TO BE PLUGGED
- SEWER PLUG
- F.V. FIELD VERIFY
- UTILITY REMOVAL
- PROPOSED CATCH BASIN CONSTRUCTED IN CONCURRENT CONTRACT 62593
- PROPOSED STORM SEWER CONSTRUCTED IN CONCURRENT CONTRACT 62593

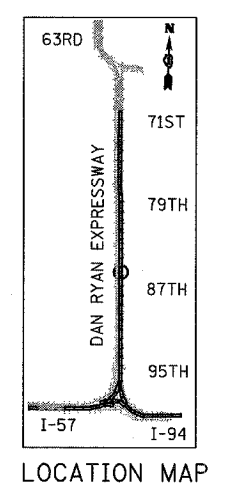
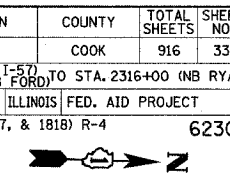
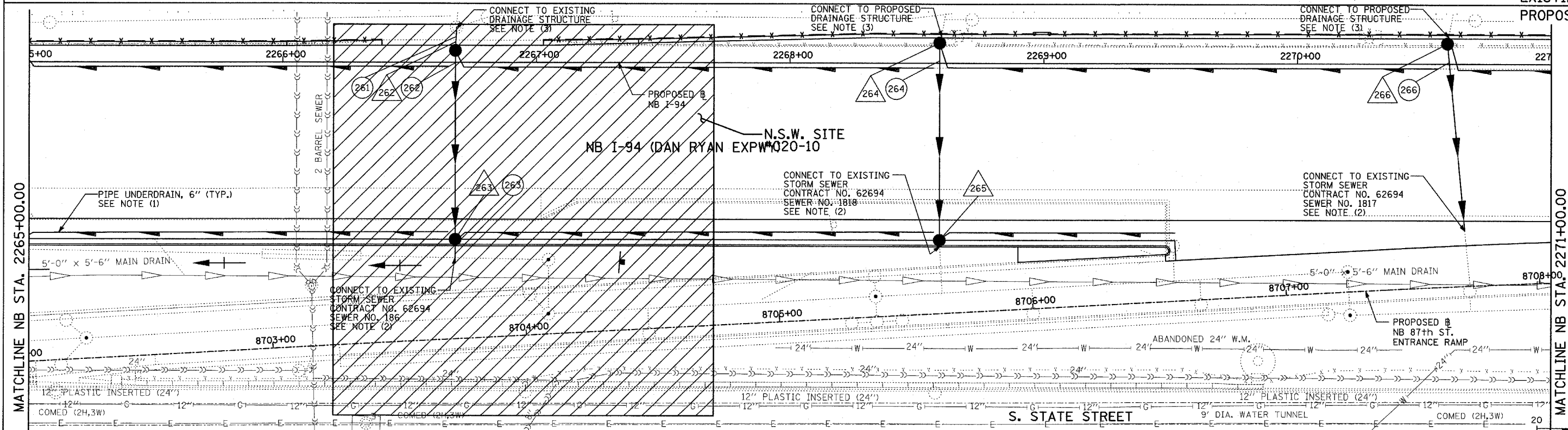
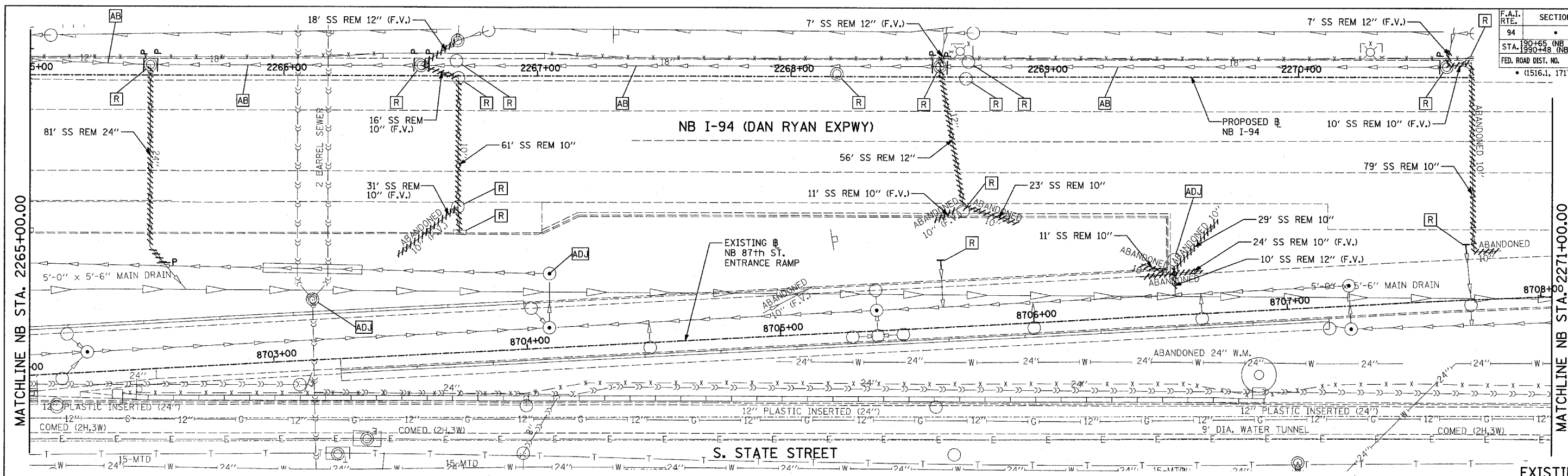
**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**DRAINAGE AND UTILITY PLAN**  
NB I-94 (DAN RYAN EXPRESSWAY)  
NB I-94 STA. 2253+00.00 TO 2259+00.00

SCALE: 1"=20'  
DATE: MARCH 7, 2006

DRAWN BY: MB  
CHECKED BY: DA



**TYLIN INTERNATIONAL**

**LEGEND:**

	EXISTING COMBINED SEWER		SEWER PLUG
	PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)		FIELD VERIFY
	PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.)		UTILITY REMOVAL
	PIPE STUBOUT TO BE PLUGGED		PROPOSED CATCH BASIN CONSTRUCTED IN CONCURRENT CONTRACT 62593
			PROPOSED STORM SEWER CONSTRUCTED IN CONCURRENT CONTRACT 62593

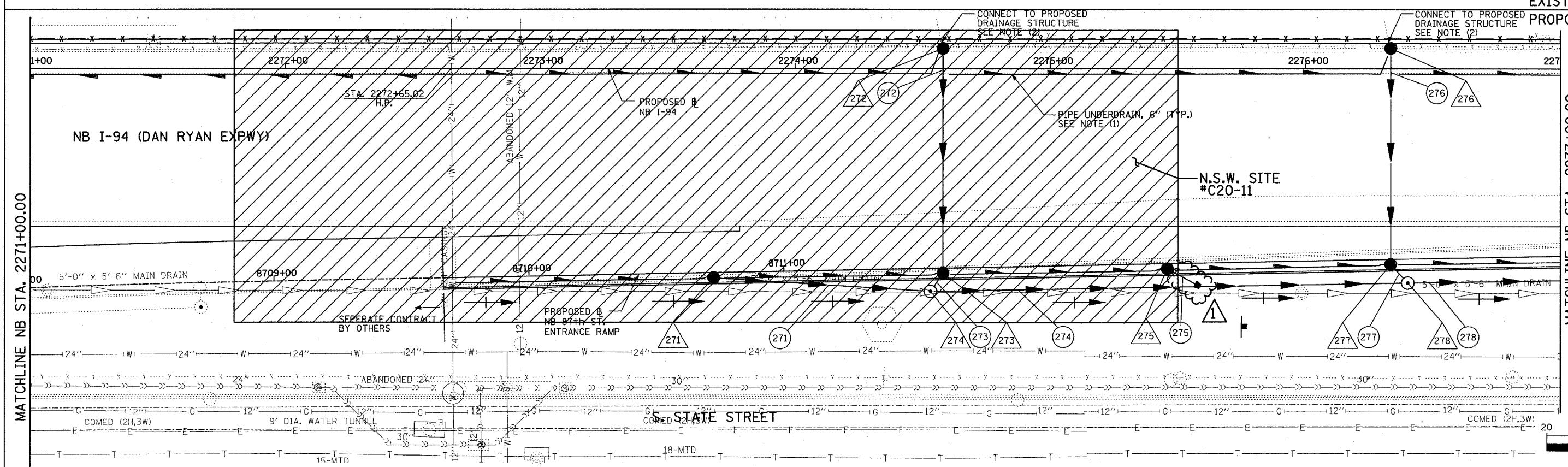
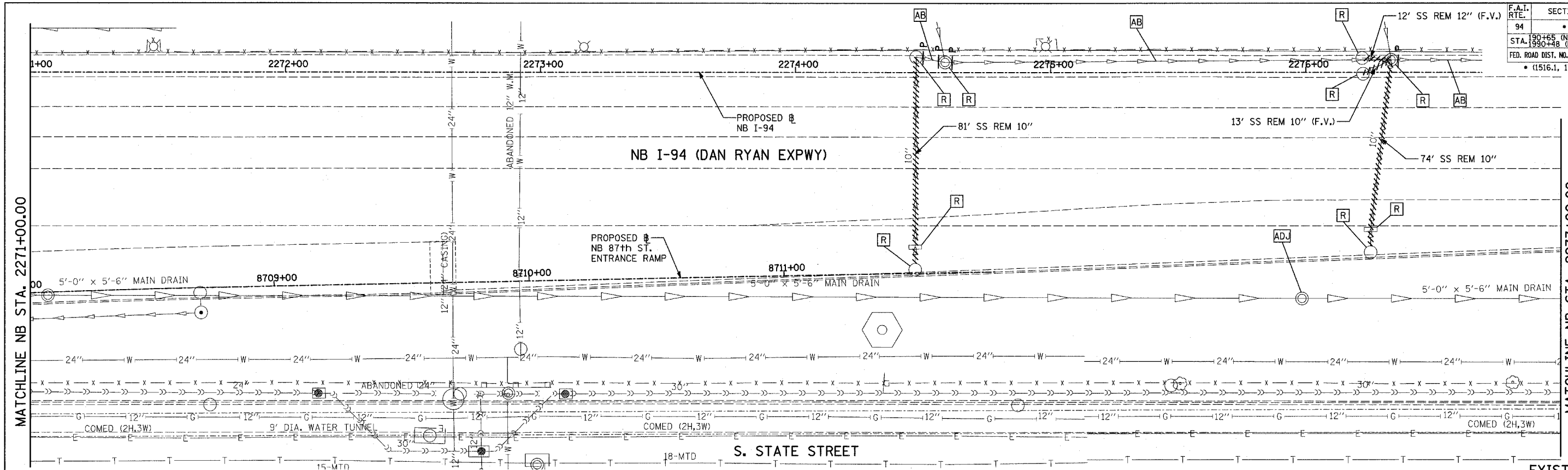
- NOTES:**
- FOR CLARITY, PIPE UNDERDRAINS ARE SHOWN OFFSET FROM THEIR PROPOSED LOCATIONS. FOR DETAILED PLACEMENT, SEE SHEET "PIPE UNDERDRAINS DETAIL."
  - COST SHALL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN COST OF SEWER INSTALLATION.
  - ALL CONNECTIONS TO EXISTING SEWER OR STRUCTURE ALONG CTA SHALL BE FIELD VERIFIED PRIOR TO INSTALLATION AND COORDINATED WITH CTA CONSTRUCTION. COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE DRAINAGE STRUCTURE.

NSW - NON SPECIAL WASTE SITES ADDED TO SHEET

REVISIONS	
NAME	DATE

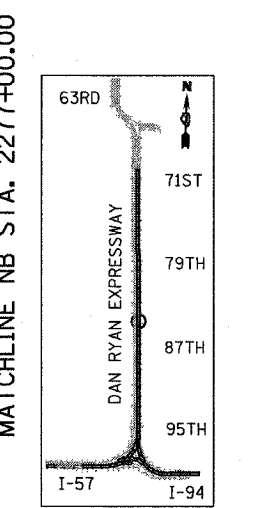
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**DRAINAGE AND UTILITY PLAN**  
**NB I-94 (DAN RYAN EXPRESSWAY)**  
**NB I-94 STA. 2265+00.00 TO 2271+00.00**

SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: MB  
 CHECKED BY: DA

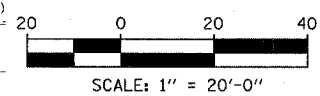


EXISTING CONDITIONS

PROPOSED IMPROVEMENTS



LOCATION MAP



**LEGEND:**

	EXISTING COMBINED SEWER		SEWER PLUG
	PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)		F.V. FIELD VERIFY
	PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.)		UTILITY REMOVAL
	PIPE STUBOUT TO BE PLUGGED		PROPOSED CATCH BASIN CONSTRUCTED IN CONCURRENT CONTRACT 62593
			PROPOSED STORM SEWER CONSTRUCTED IN CONCURRENT CONTRACT 62593

**NOTES:**

- FOR CLARITY, PIPE UNDERDRAINS ARE SHOWN OFFSET FROM THEIR PROPOSED LOCATIONS. FOR DETAILED PLACEMENT, SEE SHEET "PIPE UNDERDRAINS DETAIL."
- ALL CONNECTIONS TO EXISTING SEWER OR STRUCTURE ALONG CTA SHALL BE FIELD VERIFIED PRIOR TO INSTALLATION AND COORDINATED WITH CTA CONSTRUCTION. COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE DRAINAGE STRUCTURE.

NSW - NON SPECIAL WASTE SITES ADDED TO SHEET

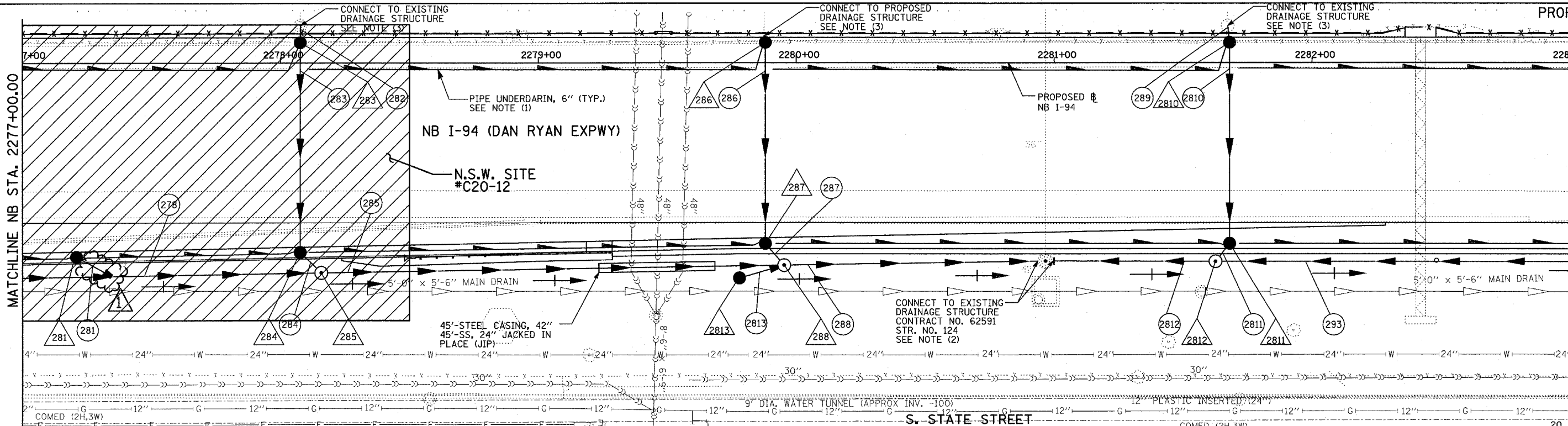
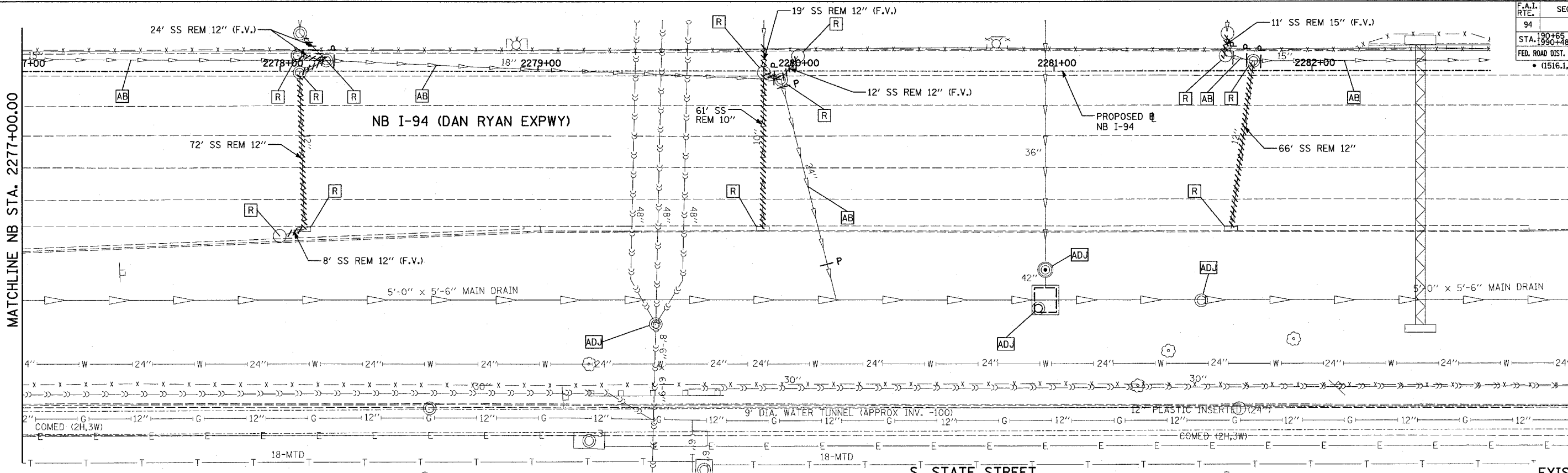
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 DRAINAGE AND UTILITY PLAN  
 NB I-94 (DAN RYAN EXPRESSWAY)  
 NB I-94 STA. 2271+00.00 TO 2277+00.00

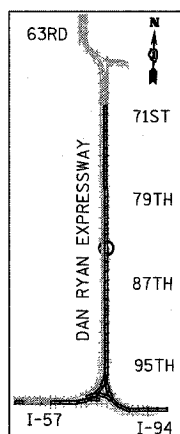
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 DATE: MARCH 7, 2006

DRAWN BY: MB  
 CHECKED BY: DA

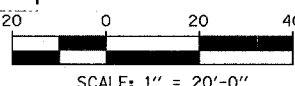
TYLIN INTERNATIONAL



EXISTING CONDITIONS  
PROPOSED IMPROVEMENTS



LOCATION MAP



MATCHLINE NB STA. 2277+00.00

MATCHLINE NB STA. 2283+00.00

**TYLIN INTERNATIONAL**

**LEGEND:**

	EXISTING COMBINED SEWER		SEWER PLUG
	PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)		FIELD VERIFY
	PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.)		UTILITY REMOVAL
	PIPE STUBOUT TO BE PLUGGED		PROPOSED CATCH BASIN CONSTRUCTED IN CONCURRENT CONTRACT 62593
			PROPOSED STORM SEWER CONSTRUCTED IN CONCURRENT CONTRACT 62593

- NOTES:**
- FOR CLARITY, PIPE UNDERDRAINS ARE SHOWN OFFSET FROM THEIR PROPOSED LOCATIONS. FOR DETAILED PLACEMENT, SEE SHEET "PIPE UNDERDRAINS DETAIL."
  - CORE DRILL AND CONNECT TO EXISTING DRAINAGE STRUCTURE. CONNECTION COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE STORM SEWER.
  - ALL CONNECTIONS TO EXISTING SEWER OR STRUCTURE ALONG CTA SHALL BE FIELD VERIFIED PRIOR TO INSTALLATION AND COORDINATED WITH CTA CONSTRUCTION. COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE DRAINAGE STRUCTURE.

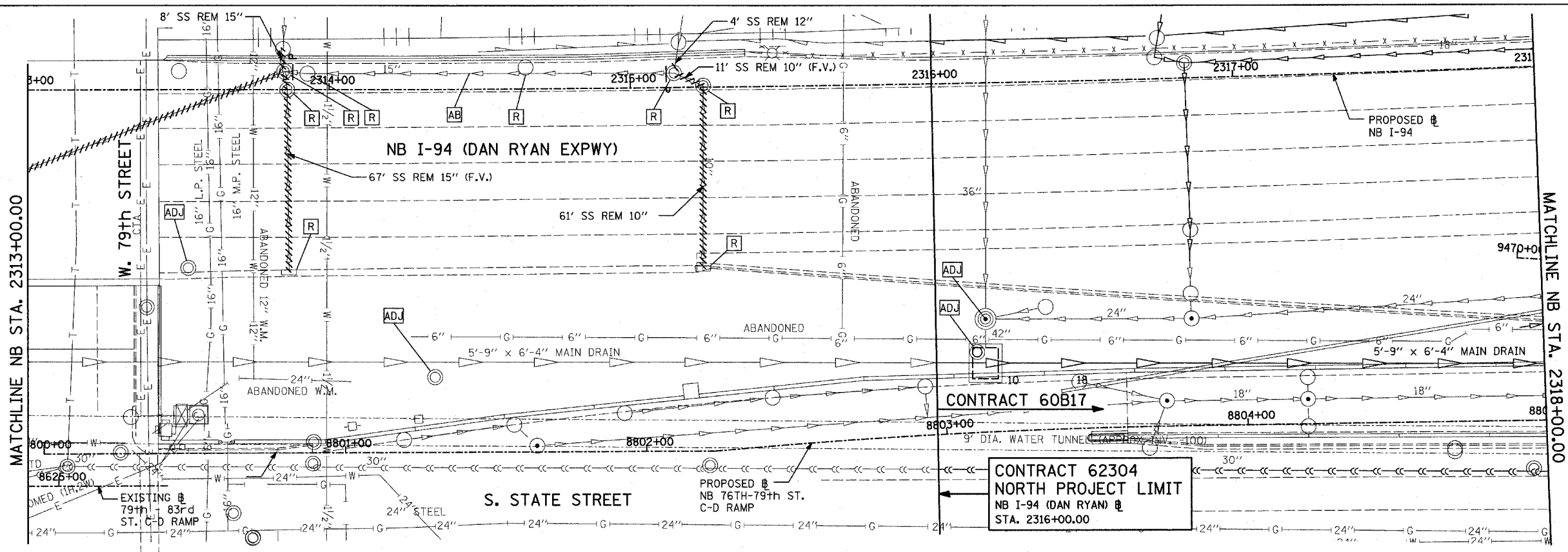
NSW - NON SPECIAL WASTE SITES ADDED TO SHEET

REVISIONS	
NAME	DATE

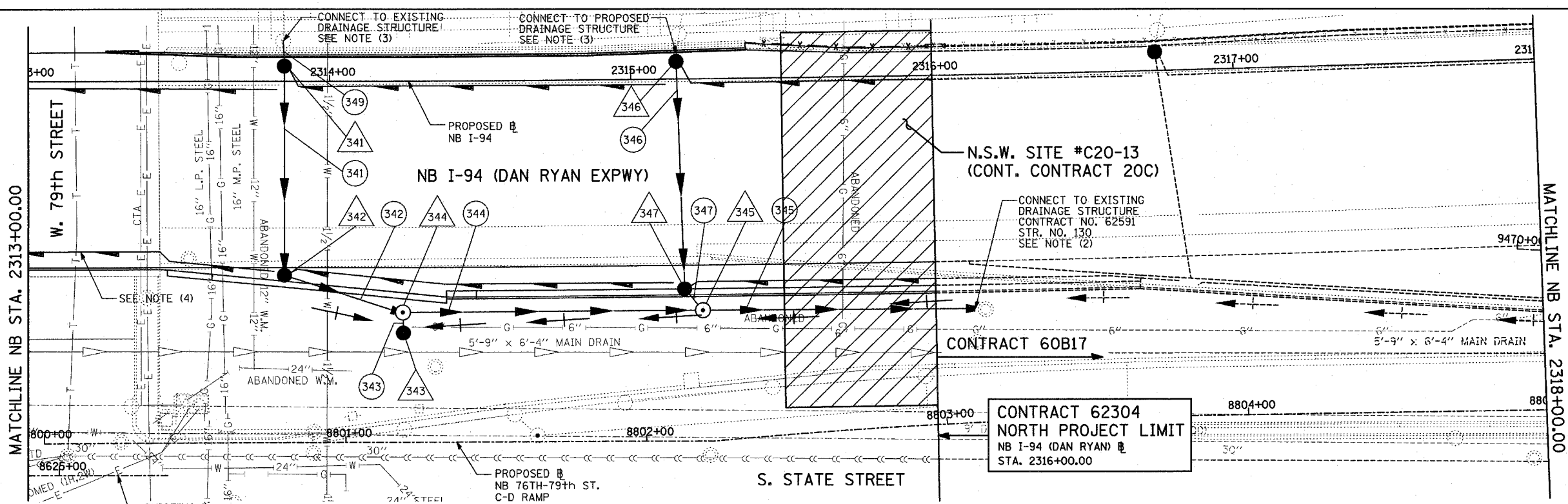
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
DRAINAGE AND UTILITY PLAN  
NB I-94 (DAN RYAN EXPRESSWAY)  
NB I-94 STA. 2277+00.00 TO 2283+00.00

SCALE: 1"=20'  
DATE: MARCH 7, 2006  
DRAWN BY: MB  
CHECKED BY: DA

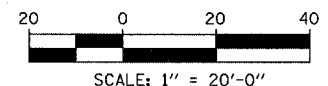
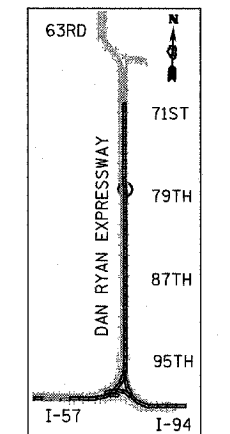




EXISTING CONDITIONS  
 PROPOSED IMPROVEMENTS



EXISTING CONDITIONS  
 PROPOSED IMPROVEMENTS



**LEGEND:**

	EXISTING COMBINED SEWER		SEWER PLUG
	PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)		FIELD VERIFY
	PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.)		UTILITY REMOVAL
	PIPE STUBOUT TO BE PLUGGED		PROPOSED CATCH BASIN CONSTRUCTED IN CONCURRENT CONTRACT 62593
			PROPOSED STORM SEWER CONSTRUCTED IN CONCURRENT CONTRACT 62593

- NOTES:**
- FOR CLARITY, PIPE UNDERDRAINS ARE SHOWN OFFSET FROM THEIR PROPOSED LOCATIONS. FOR DETAILED PLACEMENT, SEE SHEET "PIPE UNDERDRAINS DETAIL."
  - CORE DRILL AND CONNECT TO EXISTING DRAINAGE STRUCTURE. CONNECTION COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE STORM SEWER.
  - ALL CONNECTIONS TO EXISTING SEWER OR STRUCTURE ALONG CTA SHALL BE FIELD VERIFIED PRIOR TO INSTALLATION AND COORDINATED WITH CTA CONSTRUCTION. COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE DRAINAGE STRUCTURE.
  - PROPOSED PIPE UNDERDRAIN SYSTEM LOCATION SHALL BE COORDINATED WITH PROPOSED ELECTRICAL DUCT BANK AND EXISTING FOOTING. SEE TYPICAL SECTIONS AND DETAILS FOR OVERPASS FOOTINGS.

**1** NSW - NON SPECIAL WASTE SITES ADDED TO SHEET

REVISIONS	
NAME	DATE

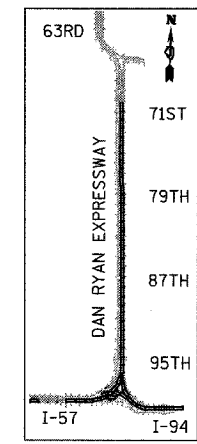
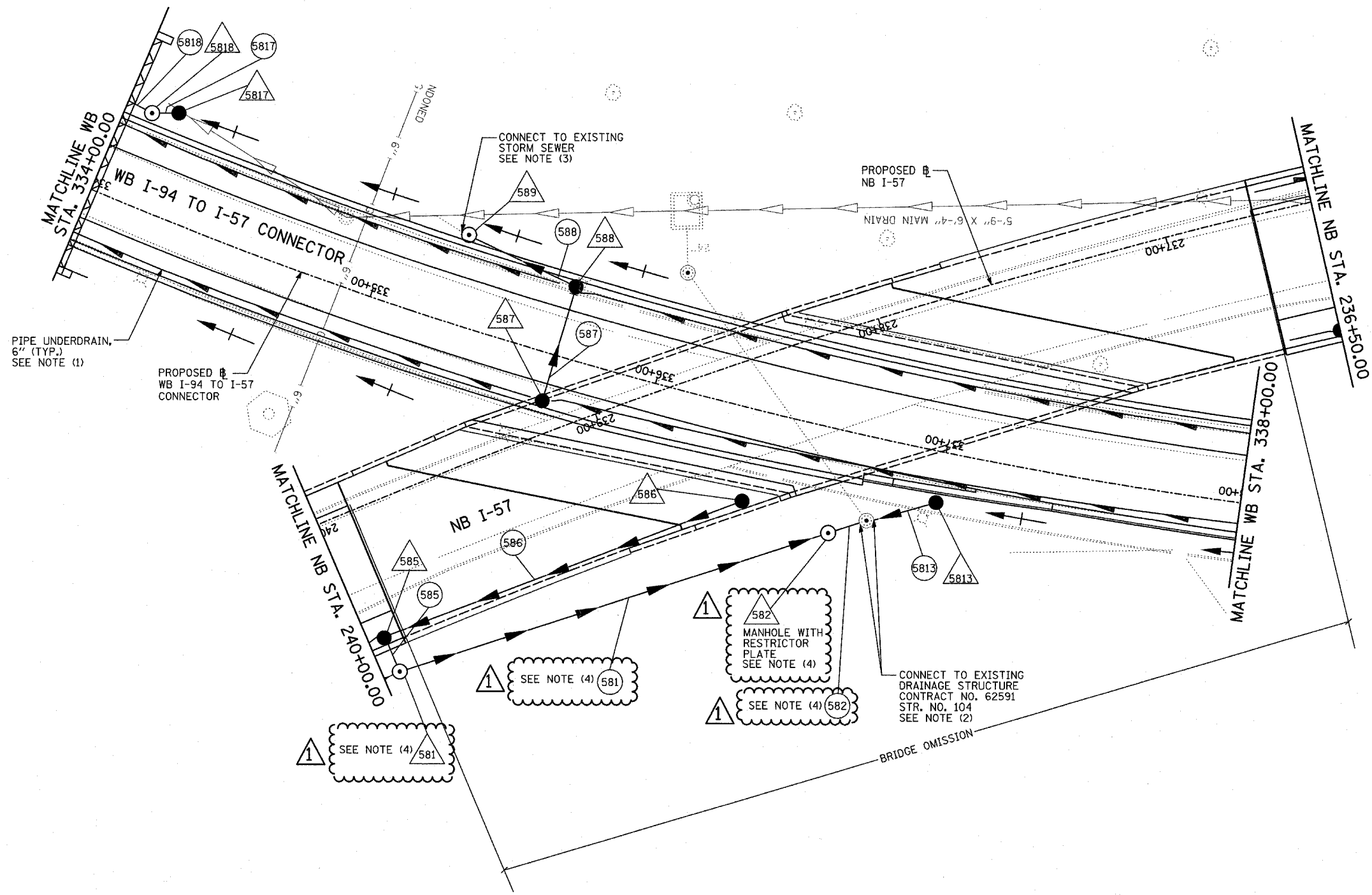
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 DRAINAGE AND UTILITY PLAN  
 NB I-94 (DAN RYAN EXPRESSWAY)  
 NB I-94 STA. 2313+00.00 TO 2316+00.00

SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: MB  
 CHECKED BY: DA

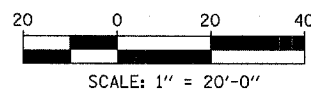
TYLIN INTERNATIONAL







LOCATION MAP



**LEGEND:**

---	EXISTING COMBINED SEWER	- P	SEWER PLUG
(XY)	PROPOSED STORM SEWER NUMBER (X=SHEET NO., Y=PIPE NO.)	F.V.	FIELD VERIFY
(XY)	PROPOSED STRUCTURE NUMBER (X=SHEET NO., Y=STRUCTURE NO.)	////	UTILITY REMOVAL
s	PIPE STUBOUT TO BE PLUGGED	●	PROPOSED CATCH BASIN CONSTRUCTED IN CONCURRENT CONTRACT 62593
		- - - -	PROPOSED STORM SEWER CONSTRUCTED IN CONCURRENT CONTRACT 62593

- NOTES:**
- FOR CLARITY, PIPE UNDERDRAINS ARE SHOWN OFFSET FROM THEIR PROPOSED LOCATIONS. FOR DETAILED PLACEMENT, SEE SHEET "PIPE UNDERDRAINS DETAIL."
  - CORE DRILL AND CONNECT TO EXISTING DRAINAGE STRUCTURE. CONNECTION COST SHALL BE INCLUDED IN THE COST TO CONSTRUCT THE STORM SEWER.
  - COST SHALL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN COST OF SEWER INSTALLATION.
  - REFER TO "CONSTRUCTION STAGING NOTES- MAINTENANCE OF TRAFFIC DETAILS-SHEET 1 OF 13 (SHEET #187).

SHEET 58 OF 59

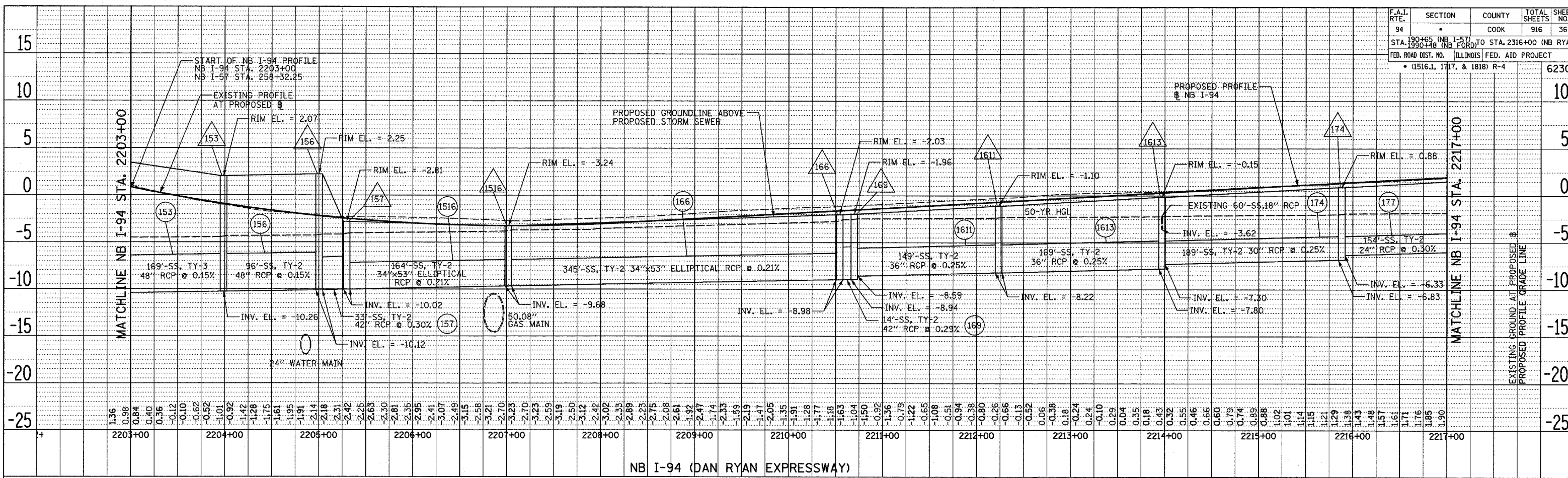
REVISIONS	
NAME	DATE

ADDENDUM 1 05/08/06

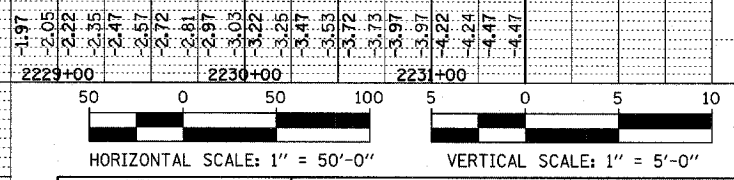
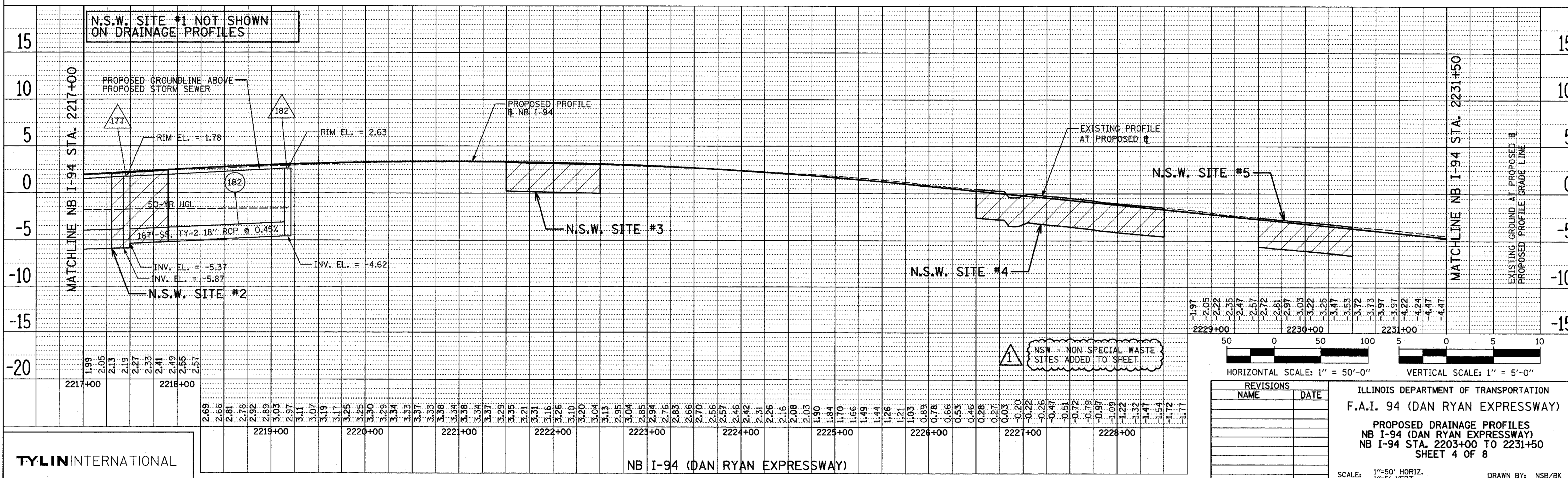
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 DRAINAGE AND UTILITY PROPOSED PLAN  
 NB I-57 AND WB I-94 TO I-57 CONNECTOR  
 NB STA. 236+70.38 TO 240+00.00  
 WB STA 334+00.00 TO 338+00.00

SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: JPA  
 CHECKED BY: MPG

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
 ALIGNED: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 PLAN \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 FILE NAME \_\_\_\_\_



DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
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 NO. \_\_\_\_\_  
 PLAN \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 FILE NAME \_\_\_\_\_



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 PROPOSED DRAINAGE PROFILES  
 NB I-94 (DAN RYAN EXPRESSWAY)  
 NB I-94 STA. 2203+00 TO 2231+50  
 SHEET 4 OF 8

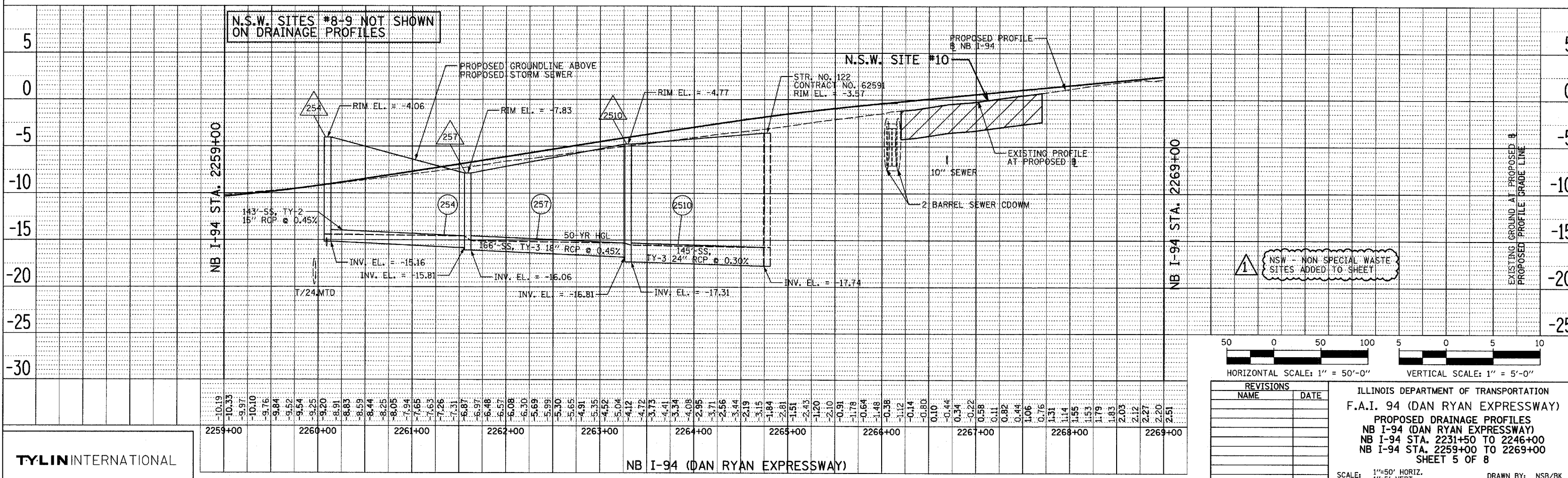
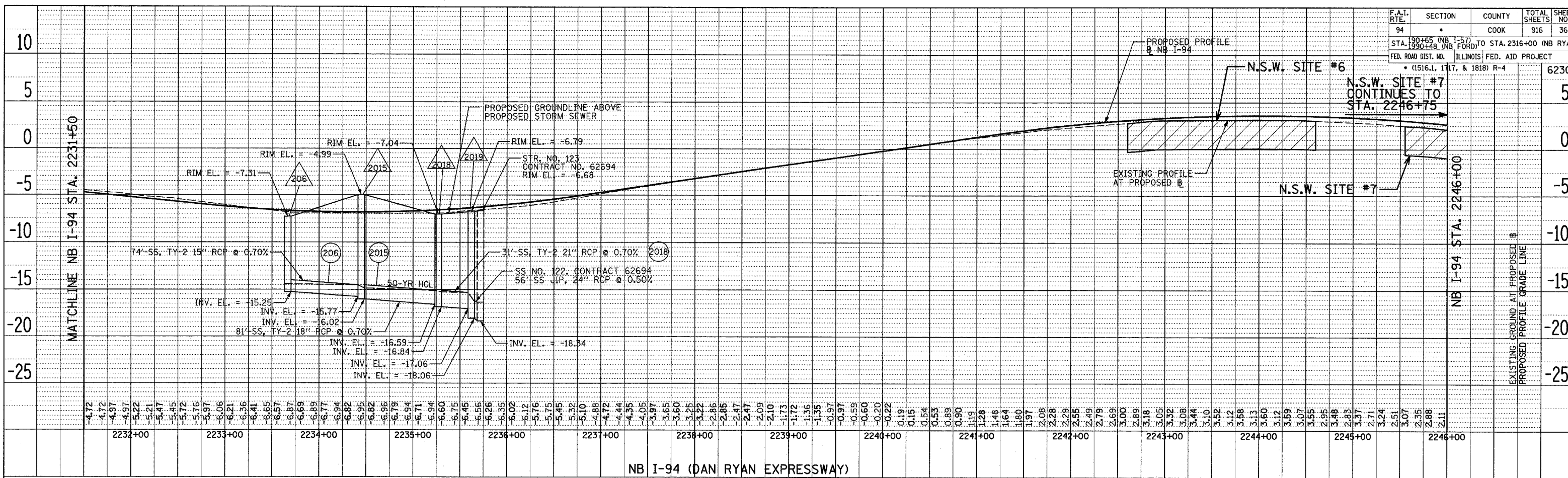
SCALE: 1"=50' HORIZ.  
 1"=5' VERT.  
 DATE: MARCH 7TH, 2006  
 DRAWN BY: NSB/BK  
 CHECKED BY: DA

ADDENDUM 1 - NSW 05/08/06

**TYLIN** INTERNATIONAL

NB I-94 (DAN RYAN EXPRESSWAY)





50 0 50 100 5 0 5 10  
 HORIZONTAL SCALE: 1" = 50'-0"  
 VERTICAL SCALE: 1" = 5'-0"

REVISIONS	
NAME	DATE

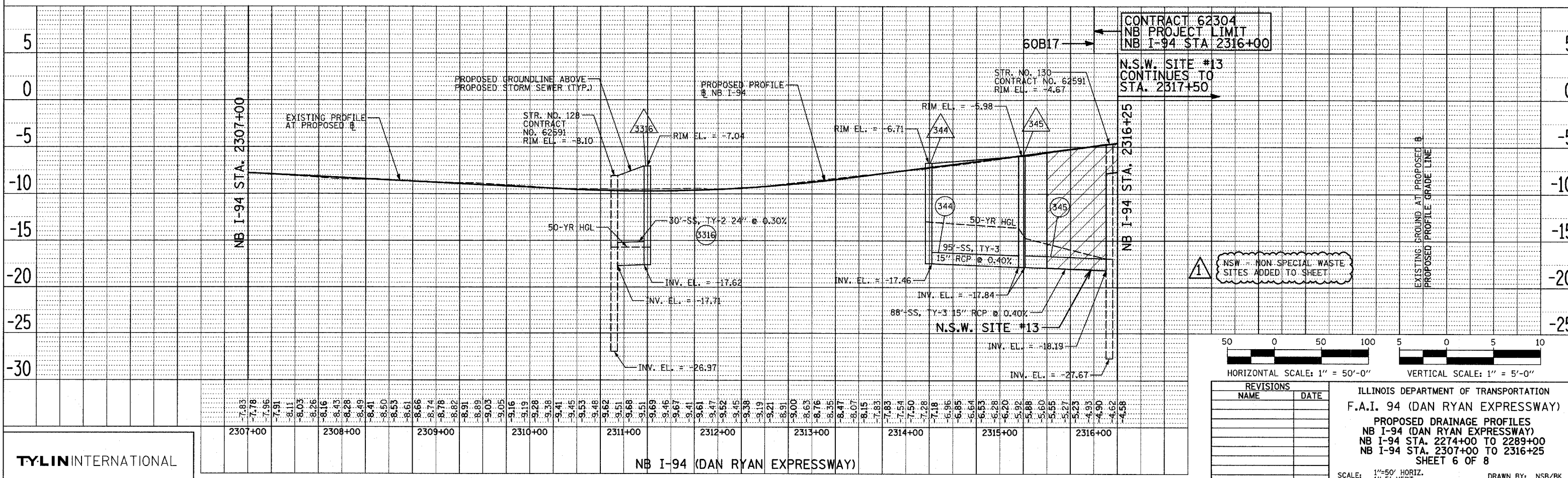
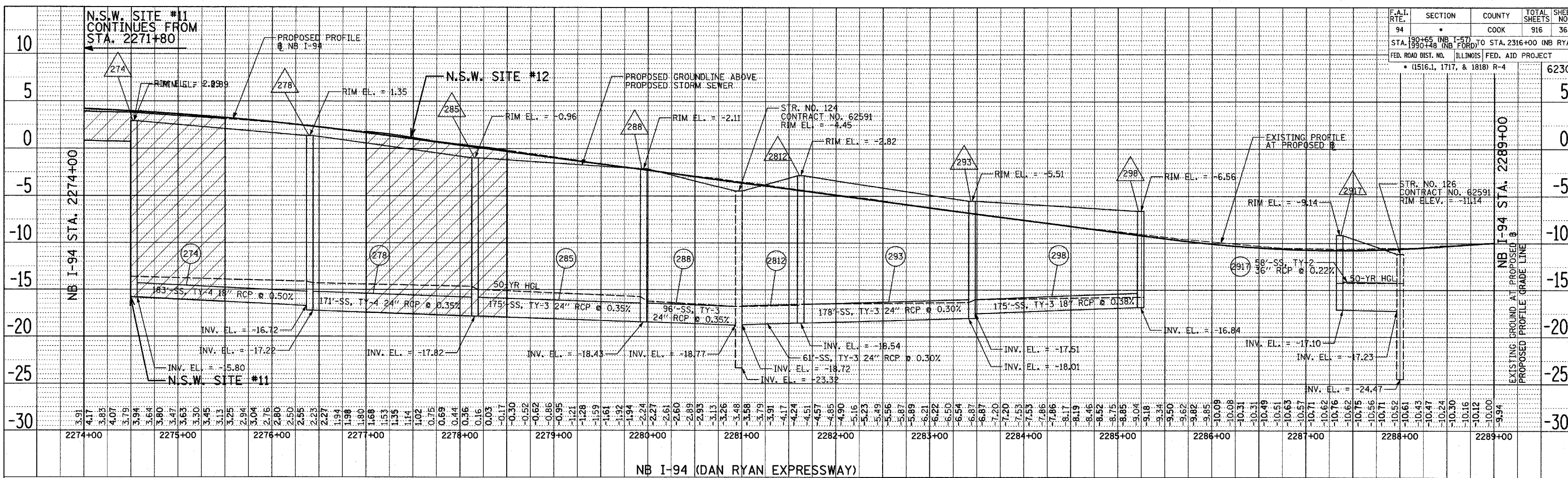
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 PROPOSED DRAINAGE PROFILES  
 NB I-94 (DAN RYAN EXPRESSWAY)  
 NB I-94 STA. 2231+50 TO 2246+00  
 NB I-94 STA. 2259+00 TO 2269+00  
 SHEET 5 OF 8

SCALE: 1"=50' HORIZ.  
 1"=5' VERT.  
 DATE: MARCH 7TH, 2006  
 DRAWN BY: NSB/BK  
 CHECKED BY: DA

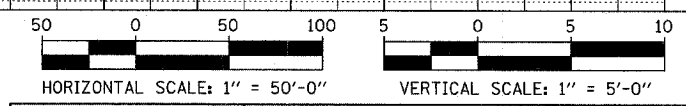
TYLIN INTERNATIONAL

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
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 CAD FILE NAME: \_\_\_\_\_

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
 PLAN: \_\_\_\_\_  
 NOTE BOOK NO.: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 CAD FILE NAME: \_\_\_\_\_



NSW - NON SPECIAL WASTE SITES ADDED TO SHEET



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 PROPOSED DRAINAGE PROFILES  
 NB I-94 (DAN RYAN EXPRESSWAY)  
 NB I-94 STA. 2274+00 TO 2289+00  
 NB I-94 STA. 2307+00 TO 2316+25  
 SHEET 6 OF 8

SCALE: 1"=50' HORIZ.  
 1"=5' VERT.  
 DATE: MARCH 7TH, 2006  
 DRAWN BY: NSB/BK  
 CHECKED BY: DA

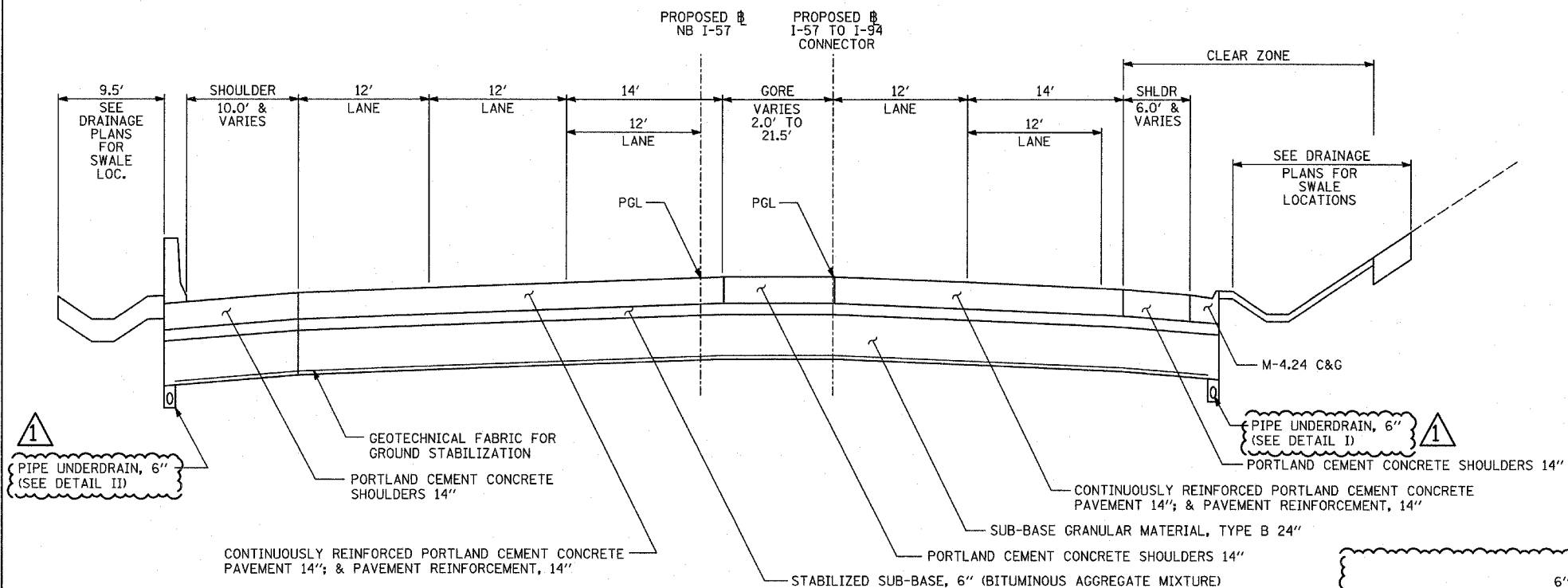
ADDENDUM 1 - NSW 05/08/06

TYLIN INTERNATIONAL

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
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 PLAN: \_\_\_\_\_  
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 NO. \_\_\_\_\_

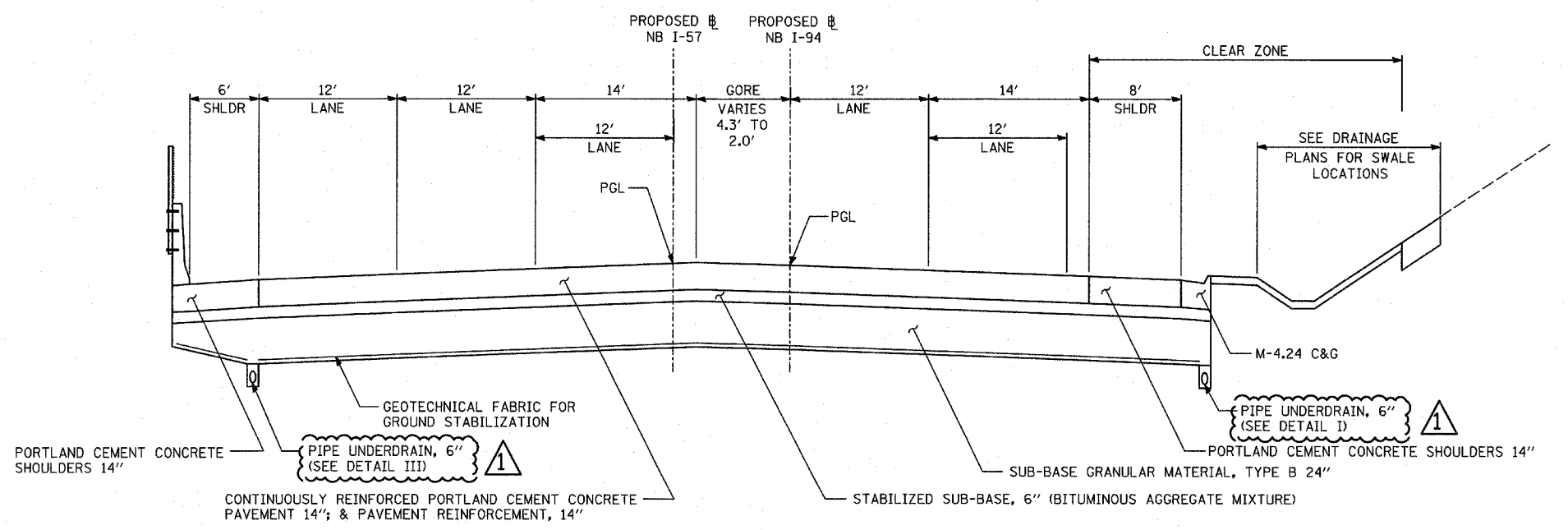
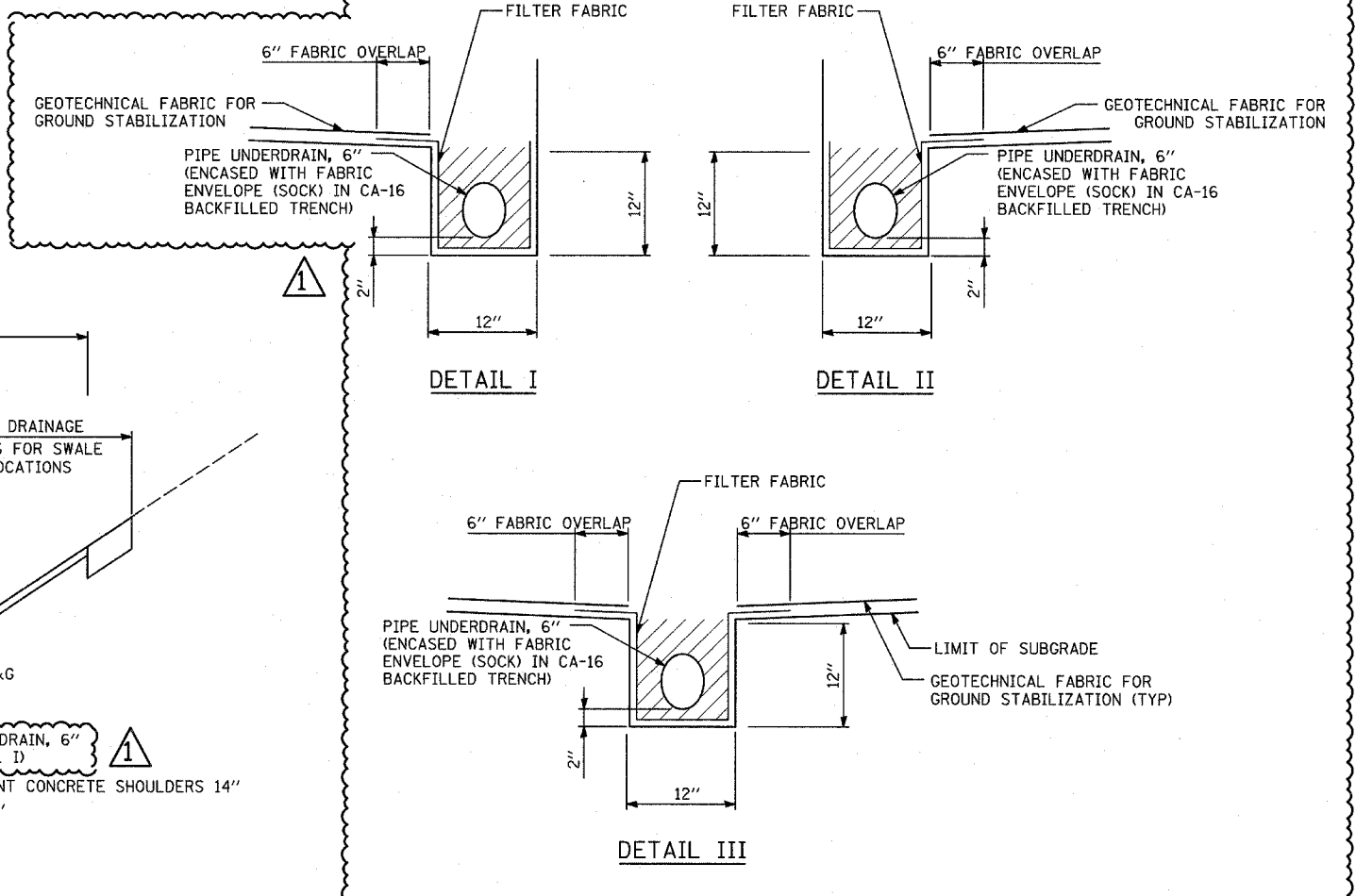
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 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
 PLAN: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 NO. \_\_\_\_\_





**NOTES:**

- (1) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION SHALL BE PLACED SUCH THAT IT EXTENDS TO THE EDGE OF THE TRENCH AND OVERLAPS THE FILTER FABRIC BY A MINIMUM OF 6". AT NO TIME SHALL THE GEOTECHNICAL FABRIC FOR GROUND STABILIZATION BE OVER OR COVER THE UNDERDRAIN TRENCH.
- (2) NO CONSTRUCTION TRAFFIC SHALL BE ALLOWED ON THE TRENCH UNTIL A MINIMUM OF 12" OF COMPACTED SUB-BASE IS PROVIDED.
- (3) THE PIPE UNDERDRAIN TRENCH SHALL BE LINED WITH FILTER FABRIC ON THE BOTTOM AND SIDES OF THE TRENCH. THE TOP OF THE TRENCH MUST NOT BE COVERED WITH ANY FABRIC.
- (4) FILTER FABRIC, FABRIC ENVELOPE, AND CA-16 AGGREGATE ARE INCLUDED IN THE UNIT COST OF PIPE UNDERDRAIN, 6".
- (5) CONTRACTOR SHALL FLUSH PIPE UNDERDRAIN WITH WATER TO INSURE UNDERDRAIN IS FUNCTIONING PROPERLY PRIOR TO THE PLACEMENT OF STABILIZED SUB-BASE. PRIOR TO COMMENCING THIS WORK, THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH HIS APPROACH AND METHODS FOR COMPLETING THIS WORK, FOR THE ENGINEER'S REVIEW AND APPROVAL. THE COST OF FLUSHING THE PIPE IS INCLUDED IN THE UNIT COST OF PIPE UNDERDRAIN, 6".



TYLIN INTERNATIONAL

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	F.A.I. 94 (DAN RYAN EXPRESSWAY)	

**PIPE UNDERDRAINS ALONG  
 I-57 AND I-94 DETAILS  
 SHEET 1 OF 2**

SCALE: NONE DRAWN BY: BK  
 DATE: MARCH 7, 2006 CHECKED BY: DA  
 ADDENDUM 1 05/08/06



### DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE		DIA.	FRAME & LID	TOP OF FRAME	N INV.	E INV.	S INV.	W INV.
			MH	CB							
21	193+29.56	12.0 RT		A	4'	T20 F&G	2.17		-3.84		
22	194+28.13	12.0 RT		A	4'	T20 F&G	2.44			-3.39	
23	196+22.11	12.0 RT		A	4'	T20 F&G	3.44			-2.39	
24	193+50.04	12.0 RT		A	4'	T20 F&G	2.17		-3.90	-3.90	-3.90
25	193+40.04	12.0 RT		A	4'	T20 F&G	2.17		-3.87		-3.87
26	193+50.00	15.6 RT		C	2'	T1F OL	2.36	-3.88			
31	199+64.09	51.7 LT		A	4'	T20 F&G	3.31			-2.80	
32	199+64.11	12.0 RT		A	4'	T20 F&G	3.66	-3.05	-3.05		-3.05
33	200+57.92	12.0 RT		A	4'	T20 F&G	3.18				-2.65
34	200+99.54	52.1 LT		A	4'	T20 F&G	2.58			-2.61	
35	201+09.83	6.3 RT		A	4'	T1F OL	3.07	-2.85	-2.85		
36	201+50.00	4.8 RT		A	4'	T1F OL	2.91				-2.69
37	202+58.64	50.9 LT		A	4'	T20 F&G	1.82			-3.25	
38	202+53.40	3.1 RT		A	4'	T1F OL	2.54	-3.47			-3.47
39	202+00.00	3.8 RT		A	4'	T1F OL	2.72		-3.25		
41	203+92.02	51.0 LT		A	4'	T20 F&G	1.13			-3.70	
42	204+75.16	23.9 RT		A	4'	T20 F&G	0.99			-4.84	
43	205+58.16	22.2 RT		A	4'	T20 F&G	0.59			-5.24	
44	206+42.02	51.3 LT		A	4'	T20 F&G	-0.17			-5.70	
45	206+42.16	20.6 RT		A	4'	T20 F&G	0.18	-5.98		-5.98	
46	208+33.71	46.8 LT		A	4'	T20 F&G	-0.98			-6.60	-5.60
47	208+10.74	18.0 RT		A	4'	T20 F&G	-0.64	-6.87		-6.87	
48	NOT USED	-		-	-	-	-	-	-	-	-
49	206+22.98	25.5 RT		C	2'	T1F OL	0.45			-3.55	
51	209+93.88	46.0 LT		A	4'	T20 F&G	-1.79			-7.39	
52	209+93.88	24.0 RT		A	4'	T20 F&G	-1.83	-7.66		-7.66	
53	209+93.88	34.0 RT	A		4'	T1F CL	2.20	-7.70	-13.34		
54	212+23.93	46.0 LT		A	4'	T20 F&G	-2.98			-8.58	
55	212+23.97	24.0 RT		A	4'	T20 F&G	-3.02	-8.85		-8.85	
56	212+23.98	34.0 RT	A		4'	T1F CL	0.99	-8.89	-14.49		-14.24
57	213+58.54	46.0 LT		A	4'	T20 F&G	-3.67	-9.27		-9.27	
58	213+58.53	24.0 RT		A	4'	T20 F&G	-3.71	-9.54		-9.54	
59	213+58.53	34.0 RT	A		5'	T1F CL	0.41	-9.58	-15.38		-14.88
510	NOT USED	-		-	-	-	-	-	-	-	-
511	214+71.28	46.0 LT		A	4'	T20 F&G	-4.11	-9.95		-9.95	
512	214+91.28	46.0 LT		A	4'	T20 F&G	-4.11			-9.95	
513	214+81.28	46.0 LT		A	4'	T20 F&G	-4.11	-9.98	-9.98	-9.98	
514	NOT USED	-		-	-	-	-	-	-	-	-
515	NOT USED	-		-	-	-	-	-	-	-	-
516	214+71.28	24.0 RT		A	4'	T20 F&G	-4.15	-10.22	-10.22		
517	214+91.28	24.0 RT		A	4'	T20 F&G	-4.15			-10.22	
518	214+81.28	24.0 RT		A	4'	T20 F&G	-4.15	-10.25	-10.25	-10.25	-10.25
519	214+81.28	34.6 RT	A		5'	T1F CL	0.23	-10.29	-16.12		-15.62
520	214+71.28	29.0 RT		C	2'	T1F OL	-2.10	-10.20			
61	217+07.71	46.0 LT		A	4'	T20 F&G	-2.96			-8.76	
62	217+07.93	24.0 RT		A	4'	T20 F&G	-3.20	-9.03		-9.03	
63	217+07.93	41.3 RT		A	4'	T1F CL	3.35	-9.10			-14.76
64	216+57.97	41.3 RT		A	5'	T1F CL	3.23	-16.96	-14.96		-16.46
65	NOT USED	-		-	-	-	-	-	-	-	-
66	219+23.70	46.0 LT		A	4'	T20 F&G	-2.08	-7.05		-7.05	
67	219+29.73	22.6 RT		A	4'	T20 F&G	-2.01	-7.32		-7.32	
68	219+29.47	34.0 RT		A	5'	T1F CL	2.17	-7.36	-7.36		-3.95
69	220+91.71	46.0 LT		A	4'	T20 F&G	-1.20			-6.78	
610	220+92.95	26.7 RT		A	4'	T20 F&G	-1.24	-7.07		-7.07	

### STORM SEWER SCHEDULE

PIPE NUMBER	UPSTREAM STATION	DOWNSTREAM STATION	TYPE	DIA. (IN)	LENGTH (FT)	SLOPE %	T.B. (CU.YD)
21	193+29.56	193+40.04	2	15	7	0.44	1.2
22	194+28.13	194+28.25	2	12	3	0.44	0.5
23	196+22.11	196+29.24	2	12	6	0.44	0.9
24	193+50.04	194+28.25	2	15	75	0.44	9.9
25	193+40.04	193+50.04	2	15	6	0.44	1.0
26	193+50.00	193+50.04	2	12	4	0.44	0.7
31	199+64.09	199+64.11	2	12	56	0.44	12.0
32	199+64.11	199+57.51	2	12	6	0.44	1.5
33	200+57.92	199+64.11	2	12	90	0.44	17.5
34	200+99.54	201+09.83	2	12	54	0.44	6.6
35	NOT USED	-	-	-	-	-	-
36	201+50.00	201+09.83	2	12	37	0.44	5.3
37	202+58.64	202+53.40	2	12	49	0.44	6.1
38	NOT USED	-	-	-	-	-	-
39	202+00.00	202+53.40	2	12	50	0.44	8.7
41	203+92.02	203+92.15	2	12	61	0.44	5.5
42	204+75.16	204+75.32	2	12	14	0.44(3)	0.5
43	205+58.16	205+58.32	2	12	15	0.44(3)	0.5
44	206+42.02	206+42.16	2	12	64	0.44	9.7
45	206+42.16	206+42.50	2	12	14	0.44(3)	1.1
46	208+33.71	208+10.74	2	12	62	0.44	10.1
47	208+10.74	208+10.42	2	12	9	0.44	0.8
48	208+17.35	208+33.71	2	12	16	0.44	1.3
49	206+22.98	206+22.98	2	12	5	0.44	0.0
51	209+93.88	209+93.88	2	12	62	0.44	8.8
52	209+93.88	209+93.88	2	12	8	0.44	1.4
53	209+93.88	212+23.98	3	15	226	0.40	0.0
54	212+23.93	212+23.97	2	12	62	0.44	8.8
55	212+23.97	212+23.98	2	12	8	0.44	1.4
56	212+23.98	213+58.53	3	18	130	0.30	0.0
57	213+58.54	213+58.53	2	12	62	0.44	8.8
58	213+58.53	213+58.53	2	12	8	0.44	1.5
59	213+58.53	214+81.28	3	24	118	0.20	0.0
510	214+51.39	214+71.28	2	12	20	0.44	3.0
511	214+71.28	214+81.28	2	15	6	0.44	0.9
512	214+91.28	214+81.28	2	15	6	0.44	0.9
513	214+81.28	214+81.28	2	15	62	0.44	10.4
514	213+48.62	213+58.54	2	12	11	0.44	1.9
515	NOT USED	-	-	-	-	-	-
516	214+71.28	214+81.28	2	15	6	0.44	1.0
517	214+91.28	214+81.28	2	15	6	0.44	1.0
518	214+81.28	214+81.28	2	15	9	0.44	2.6
519	214+81.28	216+57.97	4	30	172	0.20	0.0
520	214+71.28	214+71.28	2	12	4	0.44	1.2
61	217+07.71	217+07.93	2	12	62	0.44	9.4
62	217+07.93	217+07.93	2	12	16	0.44	3.1
63	217+07.93	216+57.97	4	12	45	0.45	0.0
64	NOT USED	-	-	-	-	-	-
65	219+16.55	219+23.70	2	12	9	0.44	0.5
66	219+23.70	219+29.73	2	12	61	0.44	4.9
67	219+29.73	219+29.47	2	12	10	0.44	1.6
68	219+29.47	220+92.70	2	15	159	0.30	0.0
69	220+91.71	220+92.95	2	12	65	0.44	9.2
610	220+92.95	220+92.70	2	12	9	0.44	2.6

### NOTES:

- INDICATES INLET TYPE A, 2' DIAMETER, TYPE 20 FRAME & GRATE.
- INDICATES MANHOLE, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE.
- INDICATES SEWER LATERAL WITH 45° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
- INDICATES SEWER LATERAL WITH 30° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
- INDICATES SEWER LATERAL WITH 60° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
- INDICATES MANHOLE TYPE A WITH FLAT SLAB TOP, IDOT STANDARD 602601.
- INDICATES CATCH BASIN REQUIRING TEMPORARY SOIL RETENTION SYSTEM WITH INSTALLATION.
- ALL STRUCTURE ELEVATIONS IN RESURFACED AREAS COME FROM AERIAL SURVEY AND SHOULD BE VERIFIED IN THE FIELD AND ADJUSTED TO MATCH EXISTING CONDITIONS.

### CASING SIZES

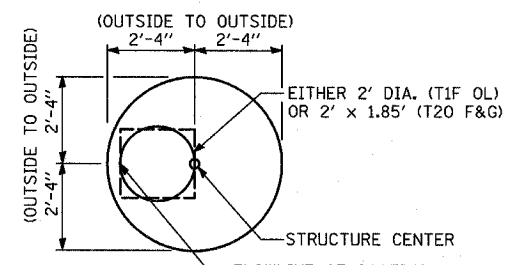
PIPE SIZE	CASING SIZE (OD)*	CASING WALL THICKNESS
12"	30"	0.500"
24"	42"	0.625"
30"	48"	0.688"
36"	48"	0.688"

\*ALL STEEL CASING SHALL MEET OR EXCEED ASTM A-139, GRADE B.  
 SEE THE DRAINAGE & UTILITY PLANS FOR LOCATION OF ALL STRUCTURES.

CATCH BASIN STATIONS ARE MEASURED TO CENTER OF STRUCTURE.

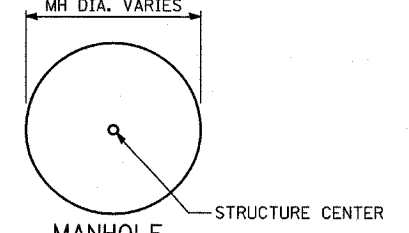
CATCH BASIN OFFSETS ARE MEASURED TO FLOWLINE OF CASING. (SEE BELOW)

FLOWLINE OF CASING IS LOCATED AT 1/4 OF STRUCTURE FOR CATCH BASINS LOCATED IN SWALE AND GORE AREAS.



**CATCH BASIN**  
(PRECAST REINFORCED CONCRETE SECTION)

MANHOLE STATIONS AND OFFSETS ARE MEASURED TO CENTER OF STRUCTURE. (SEE BELOW)



**MANHOLE**

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**DRAINAGE STRUCTURE SCHEDULE**

### DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE		DIA.	FRAME & LID	TOP OF FRAME	N INV.	E INV.	S INV.	W INV.
			MH	CB							
611	219+19.79	27.1 RT		C	2'	T1F OL	0.20		-3.91		
612	220+92.70	37.2 RT	A		5'	T1F CL	2.91	-7.11	-7.84		-7.84
71	NOT USED	-	-	-	-	-	-	-	-	-	-
72	222+13.24	46.0 LT		A	4'	T20 F&G	-0.15	-5.75		-5.75	
73	222+13.24	29.1 RT		A	4'	T20 F&G	-0.22	-6.05		-6.05	
74	222+12.99	39.7 RT	A		5'	T1F CL	3.84	-6.09	-8.39		-8.14
75	223+87.44	46.0 LT		A	4'	T20 F&G	0.65			-5.18	
76	223+87.43	32.6 RT		A	4'	T20 F&G	2.35	-5.49		-5.49	
77	223+87.18	43.1 RT	A		5'	T1F CL	4.95	-5.53	-8.75	-2.43(W)	-8.75
78	225+30.57	46.0 LT		A	4'	T20 F&G	1.05			-4.78	
79	225+33.31	35.5 RT		A	4'	T20 F&G	4.34	-5.11		-5.11	
710	225+32.73	46.6 RT	A		5'	T1F CL	6.80	-5.15	-9.55		-9.05
711	222+26.80	52.1 LT		C	2'	T1F OL	-0.08				-5.69
712	223+80.10	36.9 RT		C	2'	T1F OL	2.45		-2.40		
81	226+60.23	46.0 LT		A	4'	T20 F&G	1.81			-4.02	
82	226+61.80	38.1 RT		A	4'	T20 F&G	5.73	-4.36		-4.36	
83	226+62.05	47.2 RT	A		5'	T1F CL	6.01	-4.39	-9.74		-9.74
84	227+98.09	46.0 LT		A	4'	T20 F&G	2.99			-2.84	
85	227+83.86	46.6 RT		C	2'	T1F OL	6.87		-3.13		
86	227+98.13	40.8 RT		A	4'	T20 F&G	7.05	-3.19	-3.19		-3.19
87	228+19.28	51.7 RT	A		5'	T1F CL	7.30	-3.28	-10.23		-9.98
88	230+76.68	51.7 RT		C	2'	T1F OL	6.65		0.74		
91	231+06.46	47.0 RT		A	4'	T20 F&G	6.97	-2.35			
92	231+06.84	46.0 LT		A	4'	T20 F&G	3.51	-3.22	-2.97	-2.72	
93	231+69.00	46.0 LT		A	4'	T20 F&G	3.32				-2.74
94	231+59.00	46.0 LT		A	4'	T20 F&G	3.31		-2.77		-2.77
95	231+49.00	46.0 LT		A	4'	T20 F&G	3.34		-2.80		-2.80
96	232+76.62	46.2 LT		A	4'	T20 F&G	3.59	-2.24			
97	408+37.32	10.0 LT		A	4'	T20 F&G	5.26			-1.03	-1.03
98	408+27.32	10.0 LT		A	4'	T20 F&G	5.26		-1.00		-1.00
99	408+17.32	10.0 LT		A	4'	T20 F&G	5.27		-0.97		
910	408+27.32	34.0 RT		A	4'	T20 F&G	5.00		-1.16		
911	408+37.32	34.0 RT		A	4'	T20 F&G	4.94	-1.19	-1.19		-1.19
912	408+47.32	34.0 RT		A	4'	T20 F&G	4.88			-1.22	-1.22
913	NOT USED	-									
914	NOT USED	-									
915	NOT USED	-									
916	234+00.00	28.6 RT		C	2'	T1F OL	4.50				-1.06
917	233+77.43	10.0 RT		A	4'	T20 F&G	6.81	-1.18	-1.18		
918	233+77.29	10.0 RT		A	4'	T20 F&G	4.44	-1.39		-1.39	
919	235+34.88	10.0 RT		A	4'	T20 F&G	9.35	1.33			
920	235+35.84	46.0 LT		A	4'	T20 F&G	6.94			1.11	1.11
921	235+07.03	53.7 LT	A		6'	T1F CL	6.07	-7.70	1.00		-7.70
922	233+41.77	62.0 LT	A(2)		6'	T1F CL	4.19		-8.18		-8.18
923	408+76.91	50.2 RT	A(2)		6'	T1F CL	4.96		-4.40		-4.40
924	236+50.00	46.0 LT		A	4'	T20 F&G	9.62				-0.14
101	410+50.27	10.0 LT		A	4'	T20 F&G	6.52			-0.30	
102	410+50.27	34.0 RT		A	4'	T20 F&G	5.37	-0.46		-0.46	
103	410+50.19	41.6 RT	A		4'	T1F CL	5.58	-0.49		-0.49	-3.58
104	414+56.03	34.0 RT		A	4'	T20 F&G	5.32	-0.51			
105	414+56.03	10.0 LT		A	4'	T20 F&G	6.48		-0.67	-0.67	
106	410+50.14	53.2 RT		C	2'	T1F OL	4.20	-0.45			
111	241+45.78	10.0 RT		A	4'	T20 F&G	25.27				17.13
112	241+47.03	46.0 LT		A	4'	T20 F&G	22.74		16.91		16.91

### STORM SEWER SCHEDULE

PIPE NUMBER	UPSTREAM STATION	DOWNSTREAM STATION	TYPE	DIA. (IN)	LENGTH (FT)	SLOPE %	T.B. (CU.YD)
611	219+19.79	219+29.47	2	12	9	0.44	0.0
71	220+92.70	222+12.99	3	18	116	0.26	0.0
72	222+13.24	222+13.24	2	12	68	0.44	9.7
73	222+13.24	222+12.99	2	12	9	0.44	1.4
74	222+12.99	223+87.18	3	21	170	0.21	0.0
75	223+87.44	223+87.43	2	12	71	0.44	18.2
76	223+87.43	223+87.18	2	12	9	0.44	2.3
77	223+87.18	225+32.73	3	21	142	0.21	0.0
78	225+30.57	225+33.31	2	12	74	0.44	25.2
79	225+33.31	225+32.73	2	12	9	0.44	3.1
710	225+32.73	226+62.05	3	27	128	0.15	0.0
711	222+26.80	222+13.24	2	12	13	0.44	1.7
712	223+80.10	223+87.18	2	12	6	0.44	0.0
81	226+60.23	226+61.80	2	12	77	0.44	28.7
82	226+61.80	226+62.05	2	12	7	0.44	2.9
83	226+62.05	228+19.28	3	27	157	0.15	0.0
84	227+98.09	227+98.13	2	12	79	0.44	30.3
85	227+83.86	227+98.13	2	12	14	0.44	9.4
86	227+98.13	228+19.28	2	12	21	0.44	9.9
87	228+19.28	230+87.06	4	30	271	0.13	283.1
88	230+76.68	230+87.06	2	12	9	0.44	1.9
91	231+06.46	231+06.84	2	12	85	0.44	29.9
92	231+06.84	231+06.88	2	18	8	0.44	1.0
93	231+69.00	231+59.00	2	15	6	0.44	1.0
94	231+59.00	231+49.00	2	15	6	0.44	1.1
95	231+49.00	231+06.84	2	15	38	0.44	7.2
96	232+76.62	233+27.83	2	12	49	0.44	3.7
97	408+37.32	408+37.32	2	15	36	0.44	6.8
98	408+27.32	408+37.32	2	15	6	0.44	1.1
99	408+17.32	408+27.32	2	15	6	0.44	1.1
910	408+27.32	408+37.32	2	15	6	0.44	1.1
911	408+37.32	408+47.32	2	15	6	0.44	1.1
912	408+47.32	408+63.91	2	15	21	0.44	1.1
913	NOT USED	-	-	-	-	-	-
914	NOT USED	-	-	-	-	-	-
915	NOT USED	-	-	-	-	-	-
916	234+00.00	233+77.43	2	12	28	0.44	2.5
917	233+77.43	233+77.29	2	12	48	0.44	12.9
918	233+77.29	233+77.24	2	12	16	0.44	0.6
919	235+34.88	235+35.84	2	12	49	0.44	13.1
920	235+35.84	235+07.03	2	12	26	0.44	2.3
921	235+07.03	233+41.77	3	24	156	0.30	0.0
922	233+41.77	233+27.83	3	24	8	0.25	0.0
923	408+76.91	408+63.91	2	15	8	0.50	0.0
924	236+50.00	338+39.34	2	12	12	3.00	2.2
101	410+50.27	410+50.27	2	12	36	0.44	7.4
102	410+50.27	410+50.19	2	12	6	0.44	0.5
103	410+50.19	408+76.91	2	15	165	0.50	0.0
104	414+56.03	414+56.03	2	12	36	0.44	8.1
105	414+56.03	414+73.12	2	12	18	0.44	2.4
106	410+50.14	410+50.19	2	12	9	0.44	0.0
111	241+45.78	241+46.74	2	12	36	0.44	11.2
112	241+47.03	241+47.07	2	12	8	0.44	0.6
113	241+47.07	239+94.13	2	18	144	1.00	0.0

### NOTES:

- (1) INDICATES INLET TYPE A, 2' DIAMETER, TYPE 20 FRAME & GRATE.
- (2) INDICATES MANHOLE, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE.
- (3) INDICATES SEWER LATERAL WITH 45° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
- (4) INDICATES SEWER LATERAL WITH 30° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
- (5) INDICATES SEWER LATERAL WITH 60° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
- (6) INDICATES MANHOLE TYPE A WITH FLAT SLAB TOP, IDOT STANDARD 602601.
- (7) INDICATES CATCH BASIN REQUIRING TEMPORARY SOIL RETENTION SYSTEM WITH INSTALLATION.
- (8) ALL STRUCTURE ELEVATIONS IN RESURFACED AREAS COME FROM AERIAL SURVEY AND SHOULD BE VERIFIED IN THE FIELD AND ADJUSTED TO MATCH EXISTING CONDITIONS.

### CASING SIZES

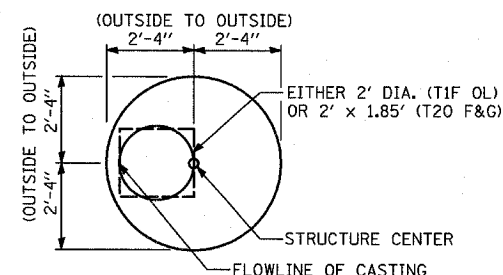
PIPE SIZE	CASING SIZE (OD)*	CASING WALL THICKNESS
12"	30"	0.500"
24"	42"	0.625"
30"	48"	0.688"
36"	48"	0.688"

\*ALL STEEL CASING SHALL MEET OR EXCEED ASTM A-139, GRADE B.  
SEE THE DRAINAGE & UTILITY PLANS FOR LOCATION OF ALL STRUCTURES.

CATCH BASIN STATIONS ARE MEASURED TO CENTER OF STRUCTURE.

CATCH BASIN OFFSETS ARE MEASURED TO FLOWLINE OF CASTING. (SEE BELOW)

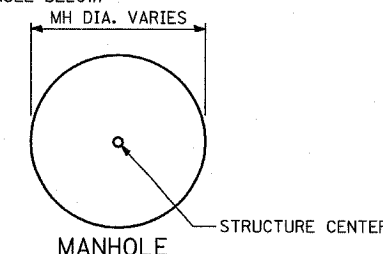
FLOWLINE OF CASTING IS LOCATED AT 1/4 OF STRUCTURE FOR CATCH BASINS LOCATED IN SWALE AND GORE AREAS.



### CATCH BASIN

(PRECAST REINFORCED CONCRETE SECTION)

MANHOLE STATIONS AND OFFSETS ARE MEASURED TO CENTER OF STRUCTURE. (SEE BELOW)



### MANHOLE

REVISIONS	
NAME	DATE

### DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE		DIA.	FRAME & LID	TOP OF FRAME	N INV.	E INV.	S INV.	W INV.
			MH	CB							
113	241+47.07	55.8 LT	A		4'	T1F CL	22.71		11.44	16.87	11.44
114	243+02.44	10.0 RT		A	4'	T20 F&G	26.98				19.14
115	243+02.41	46.0 LT		A	4'	T20 F&G	24.80		18.93		18.93
116	243+00.36	56.5 LT	A		4'	T1F CL	24.26	13.13	18.89	12.88	
117	245+78.48	46.0 LT		A	4'	T20 F&G	25.47				19.64
118	245+52.77	57.9 LT	A		4'	T1F CL	24.52		19.53		15.54
119	241+46.74	32.1 LT		A	4'	T1F OL	23.51		16.97		16.95
121	248+58.84	42.0 LT		A	4'	T20 F&G	22.52		16.89		
122	248+46.74	8.0 RT		A	4'	T20 F&G	25.01	16.47			16.47
123	249+90.92	42.0 LT		A	4'	T20 F&G	19.67		13.84		
124	249+91.06	8.4 RT		A	4'	T20 F&G	21.93	13.65	13.65	13.65	
125	NOT USED	-	-	-	-	-	-	-	-	-	-
126	250+89.62	16.0 RT	A		5'	T1F CL	19.14			5.28	5.28
127	249+61.25	20.5 RT	A(2)		6'	T1F CL	20.47	4.66		4.66	
128	251+81.80	40.0 LT		A	4'	T20 F&G	14.27		8.08		
131	2039+27.06	10.0 LT		A	4'	T20 F&G	15.91		8.56		
132	2039+27.10	39.6 RT		A	4'	T20 F&G	14.05	8.38			8.38
133	2040+35.06	49.4 RT	A		6'	T1F CL	12.76	-11.36		-11.36	
134	2040+22.06	49.4 RT	A(2)		6'	T1F CL	12.69	-11.38		-11.38	
135	252+30.72	10.0 RT		A	4'	T20 F&G	15.05		7.79		7.79
136	2042+75.22	10.0 LT		A	4'	T20 F&G	14.01		7.76		7.76
137	2042+75.22	36.0 RT		A	4'	T20 F&G	13.42		7.59		7.59
138	2042+75.22	46.7 RT	A		6'	T1F CL	11.99	-11.13		-11.13	7.55
139	253+45.98	42.0 LT		A	4'	T20 F&G	9.72		3.91		
1310	2043+96.86	36.0 RT		A	4'	T20 F&G	10.90		3.55		3.55
1311	2043+96.80	43.9 RT	A		6'	T1F CL	10.21	-11.01	4.71	-11.01	3.53
141	2044+03.05	50.8 RT		C	2'	T1F OL	10.49			4.74	
142	255+54.27	43.6 LT		A(7)	4'	T20 F&G	5.41	-0.32			
143	255+54.27	36.0 RT		A	4'	T20 F&G	6.30	-0.64		-0.64	
144	255+54.66	43.9 RT	A		6'	T1F CL	6.83	-10.81		-10.81	-0.66
145	257+77.25	47.9 RT		C	2'	T1F OL	5.36			-1.38	
146	257+65.20	43.5 LT		A(7)	4'	T20 F&G	1.79		-4.01		
147	257+65.20	36.0 RT		A	4'	T20 F&G	1.50		-4.33		-4.33
148	257+57.15	41.6 RT	A		6'	T1F CL	4.55	-10.51	-1.45	-10.51	-4.36
151	2203+98.70	7.0 LT		A(7)	4'	T20 F&G	-1.18	-8.35			
152	2203+98.79	69.6 RT		A	4'	T20 F&G	-1.55	-8.65	-8.65		-8.65
153	2203+98.66	78.1 RT	A		6'	T1F CL	2.07	-10.26		-10.26	-8.68
154	2205+01.85	6.7 LT		A(7)	4'	T20 F&G	-2.47	-8.51	-8.51		
155	2205+01.49	65.6 RT		A	4'	T20 F&G	-2.69	-8.79	-8.79		-8.79
156	2205+00.02	77.9 RT	A(6)		6'	T1F CL	2.25	-10.12		-10.12	
157	2205+29.57	54.0 RT	J.C.				-2.81	-10.02		-10.02	
158	NOT USED	-	-	-	-	-	-	-	-	-	-
159	2206+45.60	63.8 RT		A(1)	2'	T20 F&G	-3.59				-5.59
1510	2207+01.50	63.9 RT		A(FS)	5'	T20 F&G	-3.69	-8.01			-9.26
1511	2207+10.00	63.4 RT		C	2'	T20 F&G	-3.69	-5.61		-7.98	
1512	2206+45.56	6.5 LT		A(7)	4'	T20 F&G	-3.40		-8.51		
1513	2207+01.50	5.3 LT		A(7)	4'	T20 F&G	-3.44	-8.15	-8.15		-8.15
1514	2207+16.76	5.1 LT		A(7)	4'	T20 F&G	-3.43			-8.12	
1515	2207+10.00	5.2 LT		A(7)	4'	T20 F&G	-3.44	-8.13		-8.13	
1516	2207+01.50	48.5 RT	J.C.				-3.24	-9.68	-9.29	-9.68	-8.35
1517	2207+17.00	63.9 RT		A(1)	2'	T20 F&G	-3.69			-5.59	
1518	2207+65.83	4.3 LT		A(7)	4'	T20 F&G	-3.32	-8.41			
1519	NOT USED	-	-	-	-	-	-	-	-	-	-
1520	2207+80.00	64.0 RT		A(1)	2'	T20 F&G	-3.56				-5.59

### STORM SEWER SCHEDULE

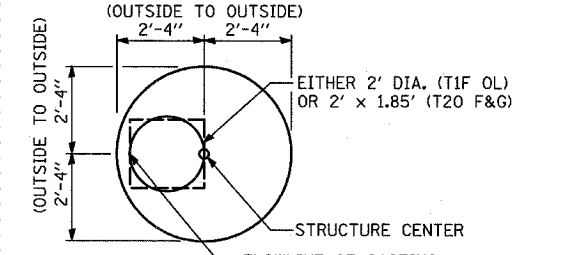
PIPE NUMBER	UPSTREAM STATION	DOWNSTREAM STATION	TYPE	DIA. (IN)	LENGTH (FT)	SLOPE %	T.B. (CU.YD)
115	243+02.41	243+00.36	2	12	9	0.44	0.7
116	243+00.36	241+47.07	2	18	144	1.00	0.0
117	245+78.48	245+52.77	2	12	25	0.44	1.4
118	245+52.77	243+00.36	2	15	241	1.00	0.0
119	241+46.74	241+47.03	2	12	8	0.44	1.5
121	248+58.84	248+46.74	2	12	44	1.00	12.7
122	248+46.74	249+91.06	2	12	141	2.00	93.9
123	249+90.92	249+91.06	2	12	43	0.44	12.0
124	249+91.06	249+91.51	2	12	16	0.44(5)	3.2
125	NOT USED	-	-	-	-	-	-
126	250+89.62	249+61.25	3	24	125	0.50	19.9
127	249+61.25	249+47.93	3	24	8	0.50	0.0
128	251+81.80	252+30.72	2	12	65	0.44	16.1
131	2039+27.06	2039+27.10	2	12	42	0.44	9.5
132	2039+27.10	2040+07.89	2	12	75	0.44	2.2
133	2040+35.06	2040+22.06	5	48	8	0.13	0.0
134	2040+22.06	2040+07.89	5	48	8	0.13	0.0
135	252+30.72	2042+75.22	2	12	7	0.44	1.7
136	2042+75.22	2042+75.22	2	12	38	0.44	6.6
137	2042+75.22	2042+75.22	2	12	8	0.44	0.2
138	2042+75.22	2040+35.06	5	48	236	0.10	0.0
139	253+45.98	2043+96.86	2	12	81	0.44	18.3
1310	2043+96.86	2043+96.80	2	12	5	0.44	0.8
1311	2043+96.80	2042+75.22	4	48	117	0.10	0.0
141	2044+03.05	2043+96.80	2	12	6	0.44	0.0
142	255+54.27	255+54.27	2	12	72	0.44	14.8
143	255+54.27	255+54.66	2	12	5	0.44	0.9
144	255+54.66	2043+96.80	4	48	200	0.10	0.0
145	257+77.25	257+57.15	2	12	17	0.44	0.0
146	257+65.20	257+65.20	2	12	72	0.44	10.9
147	257+65.20	257+57.15	2	12	7	0.44	2.2
148	257+57.15	255+54.66	3	48	198	0.15	0.0
151	2203+98.70	2203+98.79	2	12	70	0.44	20.2
152	2203+98.79	2203+98.66	2	12	6	0.44	4.5
153	2203+98.66	257+57.15	3	48	169	0.15	309.0
154	2205+01.85	2205+01.49	2	15	65	0.44	10.9
155	2205+01.49	2205+07.97	2	15	8	0.44	1.4
156	2205+00.02	2203+98.66	2	48	96	0.15	0.0
157	2205+29.57	2205+00.02	2	42	33	0.13	26.1
158	NOT USED	-	-	-	-	-	-
159	2206+45.60	2206+23.16	2	12	28	0.44(3)	0.0
1510	2207+01.50	2207+01.50	2	30	7	0.44	0.0
1511	2207+10.00	2207+01.50	2	15	6	0.44	0.0
1512	2206+45.56	2206+15.24	2	15	60	0.44	5.9
1513	2207+01.50	2207+01.50	2	18	46	0.44	0.8
1514	2207+16.76	2207+10.00	2	15	3	0.44	0.1
1515	2207+10.00	2207+01.50	2	15	5	0.44	0.1
1516	2207+01.50	2205+29.57	2	34 X 53	164	0.21	0.0
1517	2207+17.00	2207+10.00	2	12	5	0.44	0.0
1518	2207+65.83	2208+15.24	2	15	46	0.44	4.0
1519	NOT USED	-	-	-	-	-	-
1520	2207+80.00	2207+67.40	2	12	19	0.44(3)	0.0
1521	2204+53.68	2203+98.79	2	12	51	0.44	1.2

- NOTES:**
- INDICATES INLET TYPE A, 2' DIAMETER, TYPE 20 FRAME & GRATE.
  - INDICATES MANHOLE, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE.
  - INDICATES SEWER LATERAL WITH 45° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
  - INDICATES SEWER LATERAL WITH 30° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
  - INDICATES SEWER LATERAL WITH 60° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
  - INDICATES MANHOLE TYPE A WITH FLAT SLAB TOP, IDOT STANDARD 602601.
  - INDICATES CATCH BASIN REQUIRING TEMPORARY SOIL RETENTION SYSTEM WITH INSTALLATION.
  - ALL STRUCTURE ELEVATIONS IN RESURFACED AREAS COME FROM AERIAL SURVEY AND SHOULD BE VERIFIED IN THE FIELD AND ADJUSTED TO MATCH EXISTING CONDITIONS.

**CASING SIZES**

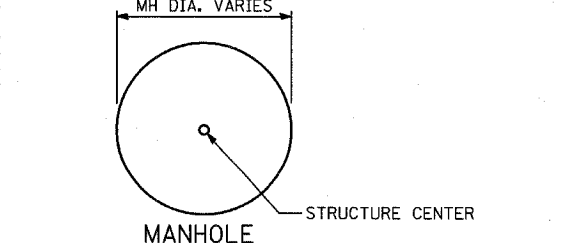
PIPE SIZE	CASING SIZE (OD)*	CASING WALL THICKNESS
12"	30"	0.500"
24"	42"	0.625"
30"	48"	0.688"
36"	48"	0.688"

\*ALL STEEL CASING SHALL MEET OR EXCEED ASTM A-139, GRADE B.  
 SEE THE DRAINAGE & UTILITY PLANS FOR LOCATION OF ALL STRUCTURES.  
 CATCH BASIN STATIONS ARE MEASURED TO CENTER OF STRUCTURE.  
 CATCH BASIN OFFSETS ARE MEASURED TO FLOWLINE OF CASTING. (SEE BELOW)  
 FLOWLINE OF CASTING IS LOCATED AT C. OF STRUCTURE FOR CATCH BASINS LOCATED IN SWALE AND GORE AREAS.



**CATCH BASIN**  
 (PRECAST REINFORCED CONCRETE SECTION)

MANHOLE STATIONS AND OFFSETS ARE MEASURED TO CENTER OF STRUCTURE. (SEE BELOW)



**REVISIONS**

NAME	DATE

**TYLIN INTERNATIONAL**









### DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE		DIA.	FRAME & LID	TOP OF FRAME	N INV.	E INV.	S INV.	W INV.
			MH	CB							
2919	2287+46.09	72.0 RT		A	4'	T20 F&G	-11.51			-17.06	
2920	2287+66.15	72.0 RT		A	4'	T20 F&G	-11.52	-16.15			
2921	NOT USED	-	-	-	-	-	-	-	-	-	-
2922	2288+99.27	10.0 LT		A(7)	4'	T20 F&G	-10.34	-16.66	-16.66		
2923	2288+96.63	72.0 RT		A	4'	T20 F&G	-10.73	-16.99		-16.99	
2924	2288+05.72	78.9 RT		C	2'	T1F OL	-11.19				-14.69
2925	2285+15.41	69.7 RT		C	2'	T1F OL	-7.73	-12.53			
301	NOT USED	-	-	-	-	-	-	-	-	-	-
302	2290+47.60	10.0 LT		A(7)	4'	T20 F&G	-9.28	-14.79		-14.79	
303	NOT USED	-	-	-	-	-	-	-	-	-	-
304	2291+97.95	10.0 LT		A(7)	4'	T20 F&G	-8.19	-13.83		-13.83	
305	NOT USED	-	-	-	-	-	-	-	-	-	-
306	2293+73.92	10.0 LT		A(7)	4'	T20 F&G	-6.93	-13.44	-13.44		
311	NOT USED	-	-	-	-	-	-	-	-	-	-
312	2295+50.01	10.0 LT		A(7)	4'	T20 F&G	-5.80	-12.70		-12.70	
313	NOT USED	-	-	-	-	-	-	-	-	-	-
314	2297+18.99	10.0 LT		A(7)	4'	T20 F&G	-5.15	-11.74	-11.74		
315	2298+58.58	10.0 LT		A(7)	4'	T20 F&G	-4.94	-10.21			
316	NOT USED	-	-	-	-	-	-	-	-	-	-
317	2300+42.99	10.0 LT		A(7)	4'	T20 F&G	-5.12	-10.56	-10.56		
321	NOT USED	-	-	-	-	-	-	-	-	-	-
322	2301+97.93	10.0 LT		A(7)	4'	T20 F&G	-5.67	-11.87		-11.87	
323	NOT USED	-	-	-	-	-	-	-	-	-	-
324	2303+47.92	10.0 LT		A(7)	4'	T20 F&G	-6.42	-12.92	-12.92		
325	NOT USED	-	-	-	-	-	-	-	-	-	-
326	2304+97.94	8.5 LT		A(7)	4'	T20 F&G	-7.11	-13.21	-13.21		
327	NOT USED	-	-	-	-	-	-	-	-	-	-
328	2306+47.99	8.0 LT		A(7)	4'	T20 F&G	-7.84	-14.68		-14.68	
331	2308+08.98	6.8 LT		A(7)	4'	T20 F&G	-8.60	-15.10			
332	2309+47.71	7.0 LT		A(7)	4'	T20 F&G	-9.30	-15.62			
333	2309+66.08	72.0 RT		A	4'	T20 F&G	-9.85	-16.82	-15.95	-15.95	
334	NOT USED	-	-	-	-	-	-	-	-	-	-
335	2310+53.75	7.1 LT		A(7)	4'	T20 F&G	-9.83	-15.68			
336	2310+44.79	70.2 RT		A	4'	T20 F&G	-10.16	-16.85			-15.99
337	NOT USED	-	-	-	-	-	-	-	-	-	-
338	2311+13.33	7.2 LT		A(7)	4'	T20 F&G	-9.98	-17.05			
339	2311+33.33	7.2 LT		A(7)	4'	T20 F&G	-9.98			-17.05	
3310	2311+23.33	7.2 LT		A(7)	4'	T20 F&G	-9.98	-17.08	-17.08	-17.08	-17.08
3311	NOT USED	-	-	-	-	-	-	-	-	-	-
3312	NOT USED	-	-	-	-	-	-	-	-	-	-
3313	2311+13.41	67.5 RT		A	4'	T20 F&G	-10.26	-17.34			
3314	2311+33.42	66.8 RT		A	4'	T20 F&G	-10.23			-17.34	
3315	2311+23.36	67.2 RT		A	4'	T20 F&G	-10.25	-17.37	-17.37	-17.37	-17.37
3316	2311+24.72	75.5 RT	A		5'	T1F CL	-7.04	-17.39	-17.62	-17.62	-17.40
3317	2312+18.24	7.4 LT		A(7)	4'	T20 F&G	-9.72	-16.82			
3318	2311+87.05	64.7 RT		A	4'	T20 F&G	-9.91		-17.13	-17.13	
3319	NOT USED	-	-	-	-	-	-	-	-	-	-
3320	2309+50.00	78.5 RT		C	2'	T1F OL	-9.90	-15.88			
341	2313+85.01	7.1 LT		A(7)	4'	T20 F&G	-7.98	-15.08		-15.08	
342	2313+85.06	66.6 RT		A	4'	T20 F&G	-8.23	-15.37			-15.37
343	2314+24.24	83.9 RT		C	2'	T1F OL	-7.56				-12.19
344	2314+24.07	77.1 RT	A		4'	T1F CL	-6.71	-17.46	-12.21	-15.53	
345	2315+23.10	77.2 RT	A		4'	T1F CL	-5.98	-17.84	-17.84	-13.77	
346	2315+15.14	7.9 LT		A(7)	4'	T20 F&G	-6.32	-13.42			

### STORM SEWER SCHEDULE

PIPE NUMBER	UPSTREAM STATION	DOWNSTREAM STATION	TYPE	DIA. (IN)	LENGTH (FT)	SLOPE %	T.B. (CU.YD)
2918	2287+36.09	2287+35.60	2	15	3	0.44	0.7
2919	2287+46.09	2287+36.09	2	15	7	0.44	0.8
2920	2287+66.15	2287+66.20	2	12	4	0.44	0.1
2921	2288+90.25	2288+99.27	2	15	8	0.44	1.6
2922	2288+99.27	2288+96.63	2	15	75	0.44	14.3
2923	2288+96.63	2288+96.11	2	15	6	0.44	0.6
2924	2288+05.72	2287+99.05	2	12	4	0.44	0.0
2925	2285+15.41	2285+24.10	2	12	6	0.44	0.0
301	2290+38.03	2290+47.60	2	15	9	0.44	1.0
302	2290+47.60	2290+47.00	2	15	78	0.44	7.6
303	2291+97.03	2291+97.95	2	15	5	0.44	0.6
304	2291+97.95	2291+98.07	2	15	86	0.44	9.4
305	2293+62.67	2293+73.92	2	12	10	0.44	2.3
306	2293+73.92	2293+74.06	2	12	66	0.44	15.6
307	2290+47.00	2290+46.73	2	15	9	0.44	0.3
308	2291+98.07	2291+89.19	2	15	11	0.44	1.0
311	2295+48.54	2295+50.01	2	12	6	0.44	1.0
312	2295+50.01	2295+50.06	2	12	56	0.44	16.2
313	2297+12.39	2297+18.99	2	12	7	0.44	1.7
314	2297+18.99	2297+19.13	2	12	66	0.44	16.3
315	2298+58.58	2298+58.58	2	12	66	0.44	7.3
316	2300+58.82	2300+42.99	2	12	15	0.44	1.7
317	2300+42.99	2300+43.00	2	12	66	0.44	8.7
321	2301+98.85	2301+97.93	2	12	5	0.44	0.9
322	2301+97.93	2301+96.77	2	12	66	0.44	13.5
323	2302+58.13	2303+47.92	2	12	10	0.44	2.3
324	2303+47.92	2303+48.07	2	12	66	0.44	15.6
325	2305+07.48	2304+97.94	2	15	9	0.44	1.6
326	2304+97.94	2304+97.79	2	15	99	0.44	16.5
327	2306+45.99	2306+47.99	2	15	7	0.44	1.0
328	2306+47.99	2306+48.17	2	15	78	0.44	20.2
329	2306+48.17	2306+48.93	2	15	17	0.44	0.8
331	2308+08.98	2308+07.09	2	15	72	0.44	16.2
332	2309+47.71	2309+66.08	2	15	74	0.44	13.2
333	2309+66.08	2309+66.10	2	15	8	0.44	1.6
334	NOT USED	-	-	-	-	-	-
335	2310+53.75	2310+44.79	2	12	70	0.44	10.6
336	2310+44.79	2310+44.72	2	12	7	0.44	0.9
337	2311+25.18	2311+23.33	2	15	6	0.44	1.7
338	2311+13.33	2311+23.33	2	15	6	0.44	1.7
339	2311+33.33	2311+23.33	2	15	6	0.44	1.7
3310	2311+23.33	2311+23.36	2	15	67	0.44	18.9
3311	NOT USED	-	-	-	-	-	-
3312	NOT USED	-	-	-	-	-	-
3313	2311+13.41	2311+23.36	2	15	6	0.44	1.7
3314	2311+33.42	2311+23.36	2	15	7	0.44	2.1
3315	2311+23.36	2311+24.72	2	15	6	0.44	4.4
3316	2311+24.72	2310+89.65	2	24	30	0.30	0.0
3317	2312+18.24	2311+87.05	2	15	71	0.44	20.8
3318	2311+87.05	2311+24.72	2	15	60	0.44	32.0
3319	2308+07.09	2308+07.73	2	15	14	0.44	0.7
3320	2309+50.00	2309+66.08	2	12	15	0.44	2.6
341	2313+85.01	2313+85.06	2	15	66	0.44	19.4
342	2313+85.06	2314+24.07	2	15	37	0.44	14.3

### NOTES:

- INDICATES INLET TYPE A, 2' DIAMETER, TYPE 20 FRAME & GRATE.
- INDICATES MANHOLE, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE.
- INDICATES SEWER LATERAL WITH 45° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
- INDICATES SEWER LATERAL WITH 30° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
- INDICATES SEWER LATERAL WITH 60° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
- INDICATES MANHOLE TYPE A WITH FLAT SLAB TOP, IDOT STANDARD 602601.
- INDICATES CATCH BASIN REQUIRING TEMPORARY SOIL RETENTION SYSTEM WITH INSTALLATION.
- ALL STRUCTURE ELEVATIONS IN RESURFACED AREAS COME FROM AERIAL SURVEY AND SHOULD BE VERIFIED IN THE FIELD AND ADJUSTED TO MATCH EXISTING CONDITIONS.

### CASING SIZES

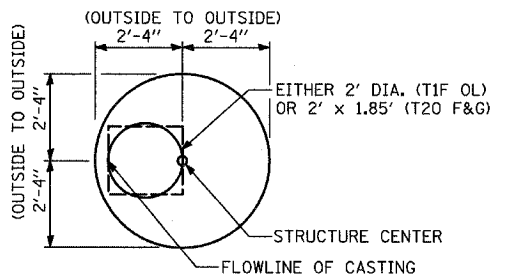
PIPE SIZE	CASING SIZE (OD)*	CASING WALL THICKNESS
12"	30"	0.500"
24"	42"	0.625"
30"	48"	0.688"
36"	48"	0.688"

\*ALL STEEL CASING SHALL MEET OR EXCEED ASTM A-139, GRADE B.  
SEE THE DRAINAGE & UTILITY PLANS FOR LOCATION OF ALL STRUCTURES.

CATCH BASIN STATIONS ARE MEASURED TO CENTER OF STRUCTURE.

CATCH BASIN OFFSETS ARE MEASURED TO FLOWLINE OF CASTING. (SEE BELOW)

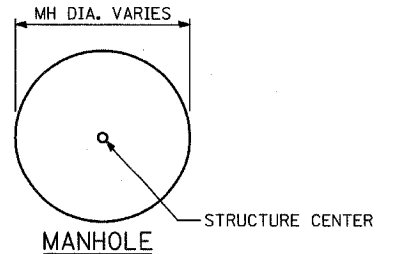
FLOWLINE OF CASTING IS LOCATED AT C OF STRUCTURE FOR CATCH BASINS LOCATED IN SWALE AND GORE AREAS.



### CATCH BASIN

(PRECAST REINFORCED CONCRETE SECTION)

MANHOLE STATIONS AND OFFSETS ARE MEASURED TO CENTER OF STRUCTURE. (SEE BELOW)



### MANHOLE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
DRAINAGE STRUCTURE SCHEDULE

SCALE: NONE  
DATE: MARCH 7, 2006  
DRAWN BY: RD  
CHECKED BY: DA

ADDENDUM 1 05/08/06





### DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE		DIA.	FRAME & LID	TOP OF FRAME	N INV.	E INV.	S INV.	W INV.
			MH	CB							
347	2315+17.14	72.0 RT		A	4'	T20 F&G	-6.77	-13.74		-13.74	
451	1994+49.98	87.2 RT		A	4'	T20 F&G	6.07	0.73			
452	1993+39.92	87.1 RT		A	4'	T20 F&G	5.68	0.26		0.26	
453	1992+59.52	85.2 RT		A	4'	T20 F&G	5.37	-0.07		-0.07	
454	1992+49.56	83.3 RT		A	4'	T20 F&G	5.35	-0.10		-0.10	
455	1991+50.00	51.2 RT		C	2'	T1F OL	4.70			-0.48	
461	1996+75.83	39.2 RT		C	2'	T20 F&G	7.01			3.65	
471	2006+96.52	51.3 RT	A		5'	T1F CL	3.32	-7.02	-2.38	-6.52	
472	2004+89.49	50.4 RT	A		5'	T1F CL	2.66	-8.23	-3.18	-7.73	
473	2003+27.99	45.3 RT	A(2)		6'	T1F CL	4.05	-8.70		-8.70	
474	303+94.22	27.2 LT		A	4'	T20 F&G	4.31			-1.52	
475	302+08.06	24.0 LT		A	4'	T20 F&G	3.85	-2.25			
476	301+98.06	24.0 LT		A	4'	T20 F&G	3.86	-2.28	-2.28	-2.28	
477	301+88.05	24.0 LT		A	4'	T20 F&G	3.88			-2.25	
478	300+78.86	24.0 LT		A	4'	T20 F&G	3.85			-1.98	
479	2006+96.17	34.2 RT		A	4'	T20 F&G	3.52	-2.31			
4710	2005+10.00	34.2 RT		A	4'	T20 F&G	3.02	-3.08			
4711	2005+00.00	34.2 RT		A	4'	T20 F&G	3.05	-3.11	-3.11	-3.11	
4712	2004+90.00	34.2 RT		A	4'	T20 F&G	3.07			-3.08	
4713	2005+39.64	45.6 RT		C	2'	T1F OL	1.14	-2.36			
4714	2003+75.31	34.2 RT		A	4'	T20 F&G	3.54	-7.54			
481	2010+00.32	39.9 RT	A		4'	T1F CL	4.65		0.17	-4.56	
482	2011+55.57	42.9 RT	A		4'	T1F CL	4.32	-5.14	-0.54	-5.39	
483	2012+86.99	40.8 RT	A		5'	T1F CL	4.11	-5.82	-1.91	-6.32	
484	2008+32.63	51.3 RT	A		6'	T1F CL	3.61	-6.06	-1.64	-1.64	
485	2008+36.38	34.2 RT		A	4'	T20 F&G	4.26	-1.57			
486	2008+48.41	44.2 RT		C	2'	T1F OL	2.29				-1.58
487	2010+04.05	10.9 LT		A	4'	T20 F&G	6.19	0.36			
488	2009+97.69	34.2 RT		A	4'	T20 F&G	4.68	0.19	0.19		
489	310+00.00	31.8 LT		A	4'	T20 F&G	5.04			-0.79	
4810	310+00.00	8.0 RT		A	4'	T20 F&G	4.23	-1.60			
4811	2012+79.92	7.6 LT		A	4'	T20 F&G	6.50	-1.73		-1.73	
4812	2012+79.52	34.2 RT		A	4'	T20 F&G	4.34	-1.88		-1.88	
4813	308+50.00	32.2 LT		A	4'	T20 F&G	5.73	-0.10			
4814	308+50.00	8.0 RT		A	4'	T20 F&G	5.60	-0.25		-0.25	
4815	305+43.99	30.5 LT		A	4'	T20 F&G	5.16			-0.67	
491	2014+63.78	41.4 RT	A		5'	T1F CL	2.39	-6.91	-3.24	-7.16	
492	2016+36.71	41.6 RT	A(6)		5'	T1F CL	0.75	-4.31(E)	-7.74	-4.95	-7.99
493	2017+17.21	44.5 RT	A(2)		6'	T1F CL	-0.33	-8.18		-8.18	
494	2019+04.85	40.4 RT	A		5'	T1F CL	-2.38	-7.33	-7.33	-7.33	
495	2017+86.47	41.2 RT	A		5'	T1F CL	-0.65	-8.22		-7.72	
496	2017+44.82	43.8 RT	A(2)		6'	T1F CL	-0.82	-8.33		-8.33	
497	315+93.98	26.3 LT		A(7)	4'	T20 F&G	0.61	-6.81			
498	316+12.07	7.4 RT		A	4'	T20 F&G	-0.82	-6.95		-6.95	
499	2019+17.16	9.3 LT		A	4'	T20 F&G	0.47	-7.12		-7.12	
4910	2019+18.77	34.3 RT		A	4'	T20 F&G	-1.93		-7.28	-7.28	
4911	2019+04.98	47.0 RT		C	2'	T1F OL	-2.83			-7.31	
4912	315+08.72	26.1 LT		A(7)	4'	T20 F&G	1.12	-5.97			
4913	315+08.78	7.5 RT		A	4'	T20 F&G	-0.18	-6.08		-6.08	
4914	2017+93.26	9.2 LT		A	4'	T20 F&G	1.77	-6.23		-6.23	
4915	2017+94.31	34.2 RT		A	4'	T20 F&G	-0.56	-7.17		-6.39	
4916	313+38.64	27.2 LT		A(7)	4'	T20 F&G	2.54	-4.48			
4917	313+38.62	8.0 RT		A	4'	T20 F&G	1.23	-4.60		-4.60	
4918	2016+28.36	9.2 LT		A	4'	T20 F&G	3.52	-4.75		-4.75	

### STORM SEWER SCHEDULE

PIPE NUMBER	UPSTREAM STATION	DOWNSTREAM STATION	TYPE	DIA. (IN)	LENGTH (FT)	SLOPE %	T.B. (CU.YD)
343	2314+24.24	2314+24.07	2	12	4	0.44	0.0
344	2314+24.07	2315+23.10	3	15	95	0.40	7.0
345	2315+23.10	2316+16.41	3	15	88	0.40	0.0
346	2315+15.14	2315+17.14	2	15	72	0.44	20.3
347	2315+17.14	2315+23.10	2	15	6	0.44	1.9
348	NOT USED	-	-	-	-	-	-
349	2313+84.68	2313+85.01	2	15	7	0.44	1.1
451	1994+49.98	1993+39.92	2	12	107	0.44	32.0
452	1993+39.92	1992+59.52	2	12	77	0.44	23.0
453	1992+59.52	1992+49.56	2	12	6	0.44	1.8
454	1992+49.56	1991+55.45	2	12	104	0.44	35.5
455	1991+50.00	1991+55.45	2	12	18	0.44	4.1
461	1996+75.83	1996+75.63	2	12	4	0.44	0.4
471	2006+96.52	2004+89.49	2	24	203	0.35	0.0
472	2004+89.49	2003+27.99	3	30	157	0.30	0.0
473	2003+27.99	300+23.68	3	30	8	0.25	0.0
474	303+94.22	303+92.81	2	12	17	0.44	1.5
475	302+08.06	301+98.06	2	15	6	0.44	2.4
476	301+98.06	300+99.11	2	15	30	0.44	3.1
477	301+88.05	301+98.06	2	15	6	0.44	1.6
478	300+78.86	300+68.45	2	12	33	0.44	1.7
479	2006+96.17	2006+96.52	2	12	15	0.44	1.0
4710	2005+10.00	2005+00.00	2	15	6	0.44	2.4
4711	2005+00.00	2004+89.49	2	15	17	0.44	1.9
4712	2004+90.00	2005+00.00	2	15	6	0.44	2.4
4713	2005+39.64	2005+30.82	2	12	12	0.44(3)	-
4714	2003+75.31	300+70.45	2	12	13	0.44	4.2
481	2010+00.32	2011+55.57	2	15	149	0.40	0.0
482	2011+55.57	2012+86.99	2	18	124	0.35	0.0
483	2012+86.99	2014+63.78	2	24	168	0.35	0.0
484	2008+32.63	2006+96.52	2	18	132	0.35	0.0
485	2008+36.38	2008+32.63	2	12	15	0.44	1.6
486	2008+48.41	2008+32.63	2	12	14	0.44	0.0
487	2010+04.05	2009+97.69	2	12	38	0.44	10.6
488	2009+97.69	2010+00.32	2	12	5	0.44	1.0
489	310+00.00	309+85.65	2	12	20	0.44	5.1
4810	310+00.00	2012+79.92	2	12	30	0.44	8.9
4811	2012+79.92	2012+79.52	2	12	34	0.44	26.4
4812	2012+79.52	2012+86.99	2	12	7	0.44	2.7
4813	308+50.00	308+50.00	2	12	33	0.44	11.6
4814	308+50.00	2011+55.57	2	12	65	0.44	16.1
4815	305+43.99	305+41.88	2	12	9	0.44	1.6
491	2014+63.78	2016+36.71	2	27	165	0.35	0.0
492	2016+36.71	2017+17.21	2	30	74	0.25	0.0
493	2017+17.21	2017+31.03	2	30	8	0.25	0.0
494	2019+04.85	2017+86.47	2	24	111	0.35	0.0
495	2017+86.47	2017+44.82	2	30	36	0.30	0.0
496	2017+44.82	2017+31.03	2	30	8	0.25	0.0
497	315+93.98	316+12.07	2	12	31	0.44	21.6
498	316+12.07	2019+17.16	2	12	39	0.44	10.0
499	2019+17.16	2019+18.77	2	12	36	0.44	23.3
4910	2019+18.77	2019+04.85	2	12	12	0.44	3.3
4911	2019+04.98	2019+04.85	2	12	4	0.44	0.0
4912	315+08.72	315+08.78	2	12	26	0.44	17.3

### NOTES:

- INDICATES INLET TYPE A, 2' DIAMETER, TYPE 20 FRAME & GRATE.
- INDICATES MANHOLE, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE.
- INDICATES SEWER LATERAL WITH 45° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
- INDICATES SEWER LATERAL WITH 30° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
- INDICATES SEWER LATERAL WITH 60° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
- INDICATES MANHOLE TYPE A WITH FLAT SLAB TOP, IDOT STANDARD 602601.
- INDICATES CATCH BASIN REQUIRING TEMPORARY SOIL RETENTION SYSTEM WITH INSTALLATION.
- ALL STRUCTURE ELEVATIONS IN RESURFACED AREAS COME FROM AERIAL SURVEY AND SHOULD BE VERIFIED IN THE FIELD AND ADJUSTED TO MATCH EXISTING CONDITIONS.

### CASING SIZES

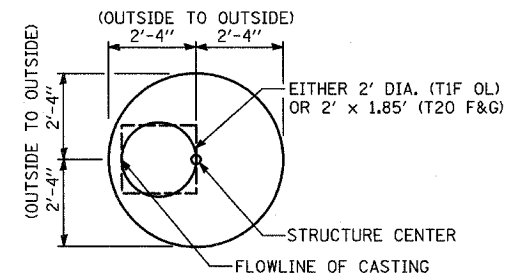
PIPE SIZE	CASING SIZE (OD)*	CASING WALL THICKNESS
12"	30"	0.500"
24"	42"	0.625"
30"	48"	0.688"
36"	48"	0.688"

\*ALL STEEL CASING SHALL MEET OR EXCEED ASTM A-139, GRADE B.  
SEE THE DRAINAGE & UTILITY PLANS FOR LOCATION OF ALL STRUCTURES.

CATCH BASIN STATIONS ARE MEASURED TO CENTER OF STRUCTURE.

CATCH BASIN OFFSETS ARE MEASURED TO FLOWLINE OF CASTING. (SEE BELOW)

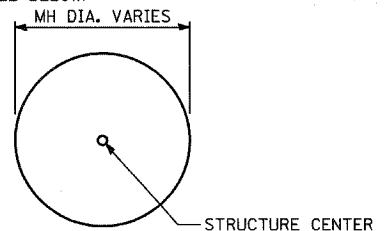
FLOWLINE OF CASTING IS LOCATED AT C OF STRUCTURE FOR CATCH BASINS LOCATED IN SWALE AND GORE AREAS.



### CATCH BASIN

(PRECAST REINFORCED CONCRETE SECTION)

MANHOLE STATIONS AND OFFSETS ARE MEASURED TO CENTER OF STRUCTURE. (SEE BELOW)



### MANHOLE

SHEET 8 OF 10

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**DRAINAGE STRUCTURE SCHEDULE**

SCALE: NONE      DRAWN BY: RD  
DATE: MARCH 7, 2006      CHECKED BY: DA



**DRAINAGE STRUCTURE SCHEDULE**

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE		DIA.	FRAME & LID	TOP OF FRAME	N INV.	E INV.	S INV.	W INV.
			MH	CB							
4919	2016+29.03	34.2 RT		A	4'	T20 F&G	1.30	-4.91		-4.91	
4920	2016+00.38	46.1 RT		C	2'	T1F OL	-0.66				-4.16
4921	311+61.08	8.0 RT		A	4'	T20 F&G	2.90	-2.93			
4922	2014+55.91	8.2 LT		A	4'	T20 F&G	5.21	-3.06		-3.06	
4923	2014+57.45	34.2 RT		A	4'	T20 F&G	2.99	-3.21		-3.21	
4924	311+61.10	29.7 LT		A	4'	T20 F&G	3.75			-2.08	
501	2021+06.35	46.6 RT	A(2)		6'	T1F CL	-2.91		-18.54		-18.54
502	318+40.59	25.2 LT		A(7)	4'	T20 F&G	-1.15	-9.43			
503	318+43.80	8.0 RT		A	4'	T20 F&G	-2.61			-9.54	-9.54
504	2021+65.10	10.0 RT		A	4'	T20 F&G	-2.83	-9.76	-9.76		
505	2021+65.06	36.0 RT		A	4'	T20 F&G	-4.56	-9.93		-9.93	
5110	322+50.00	24.9 LT		A	4'	T20 F&G	-4.90		-12.79		
5111	322+50.00	8.0 RT		A	4'	T20 F&G	-5.38		-12.90	-12.90	
5112	2024+99.38	10.0 LT		A	4'	T20 F&G	-6.23	-12.98			-12.98
5113	2024+99.31	36.0 RT		A	4'	T20 F&G	-7.97	-13.15		-13.15	
5114	2025+04.31	46.8 RT		C	2'	T1F OL	-8.37				-13.19
5115	2026+39.06	10.0 LT		A	4'	T20 F&G	-7.67	-14.48			
5116	2026+41.23	36.0 RT		A	4'	T20 F&G	-9.42	-14.65	-14.65		
5117	2026+46.19	48.0 RT		C	2'	T1F OL	-9.03			-12.53	
5118	NOT USED	-									
5119	324+77.29	25.8 LT		A	4'	T20 F&G	-9.73	-15.56			
5120	324+77.24	14.1 RT		A	4'	T20 F&G	-8.13	-15.70		-15.70	
5121	2027+62.98	10.0 LT		A	4'	T20 F&G	-8.47				-15.59
5122	2027+72.94	10.0 LT		A	4'	T20 F&G	-8.48	-15.62	-15.62		-15.62
5123	2027+82.91	10.0 LT		A	4'	T20 F&G	-8.47		-15.59		
5124	2027+84.77	36.0 RT		A	4'	T20 F&G	-10.20		-15.76		-15.76
5125	2027+74.58	36.0 RT		A	4'	T20 F&G	-10.20		-15.79	-15.79	-15.79
5126	2027+64.39	36.0 RT		A	4'	T20 F&G	-10.20		-15.82		-15.82
5127	2027+35.89	47.1 RT		C	2'	T1F OL	-10.47				-14.47
5128	NOT USED	-									
5129	2026+28.70	41.9 RT	A(6)		5'	T1F CL	-9.51	-12.59	-17.30	-14.70	-17.27
5130	NOT USED	-									
5131	2023+46.25	44.2 RT	A(6)		5'	T1F CL	-6.73	-11.64	-17.96	-11.64	-17.96
5132	2023+46.52	51.8 RT		C	2'	T1F OL	-6.67			-11.62	
5133	320+78.68	25.0 LT		A(7)	4'	T20 F&G	-3.01		-11.28		
5134	320+78.70	7.9 RT		A	4'	T20 F&G	-4.23		-11.39		-11.39
5135	2023+51.03	10.0 LT		A	4'	T20 F&G	-4.72		-11.44		-11.44
5136	2023+46.00	36.0 RT		A	4'	T20 F&G	-6.41		-11.61		-11.61
521	2028+40.25	36.0 RT		A	4'	T20 F&G	-9.99			-15.54	
522	2030+40.48	10.0 LT		A	4'	T20 F&G	-5.12		-9.19		
523	2030+63.50	34.0 RT		A	4'	T20 F&G	-6.14	-9.38		-9.38	
524	2032+69.09	10.0 LT		A	4'	T20 F&G	1.15		-6.55		
525	2032+06.43	32.2 RT		A	4'	T20 F&G	-1.92		-6.20		
541	2036+34.69	81.3 LT	A		4'	T1F CL	2.01	-5.55		-6.49	-6.49
542	2036+24.12	91.4 LT	A(2)		6'	T1F CL	0.90		-6.53		-6.53
543	2036+56.35	101.6 LT		C	2'	T1F OL	0.07		-5.43		
544	2034+84.50	74.7 LT		C	2'	T1F OL	-2.00	-5.82			
545	2035+02.42	10.0 LT		A	4'	T20 F&G	7.57		-0.04		
546	2037+54.35	10.0 LT		A	4'	T20 F&G	13.81		4.94		
551	329+76.99	34.4 LT	A(2)		6'	T1F CL	-14.64		-26.43		-26.43
552	329+68.57	37.2 LT	A		5'	T1F CL	-15.30			-26.44	-26.44
553	329+00.00	18.0 RT		A(1)	2'	T20 F&G	-12.32			-20.48	
554	329+00.07	28.3 LT		A	4'	T20 F&G	-11.27	-20.66			-20.66
555	326+79.89	26.6 LT		A	4'	T20 F&G	-12.25	-16.38		-16.38	

**STORM SEWER SCHEDULE**

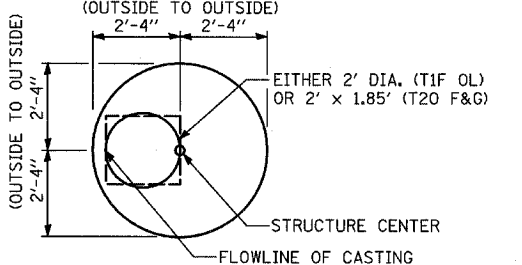
PIPE NUMBER	UPSTREAM STATION	DOWNSTREAM STATION	TYPE	DIA. (IN)	LENGTH (FT)	SLOPE %	T.B. (CU.YD)
4913	315+08.78	2017+93.26	2	12	34	0.44	5.8
4914	2017+93.26	2017+94.31	2	12	36	0.44	26.2
4915	2017+94.31	2017+94.13	2	12	8	0.44	5.4
4916	313+38.64	313+38.62	2	12	28	0.44	18.1
4917	313+38.62	2016+28.36	2	12	33	0.44	5.2
4918	2016+28.36	2016+29.03	2	12	36	0.44	27.9
4919	2016+29.03	2016+36.71	2	12	8	0.44	1.8
4920	2016+00.38	2016+36.71	2	12	33	0.44	0.0
4921	311+61.08	2014+55.91	2	12	30	0.44	5.2
4922	2014+55.91	2014+57.45	2	12	35	0.44	27.2
4923	2014+57.45	2014+63.78	2	12	7	0.44	1.8
4924	311+61.10	311+41.54	2	12	34	0.44	7.7
501	2021+06.35	2020+92.53	3	36	8	0.25	0.0
502	318+40.59	318+43.80	2	12	26	0.44	21.8
503	318+43.80	2021+65.10	2	12	50	0.44	6.7
504	2021+65.10	2021+65.06	2	12	38	0.44	7.0
505	2021+65.06	2021+65.01	2	12	17	0.44(3)	0.3
5110	322+50.00	322+50.00	2	12	25	0.44	21.4
5111	322+50.00	2024+99.38	2	12	18	0.44	5.3
5112	2024+99.38	2024+99.31	2	12	38	0.44	6.2
5113	2024+99.31	2025+11.85	2	12	10	0.44	0.0
5114	2025+04.31	2025+11.85	2	12	6	0.44	-
5115	2026+39.06	2026+41.23	2	12	39	0.44	6.7
5116	2026+41.23	2026+28.70	2	12	11	0.44	0.7
5117	2026+46.19	2026+28.70	2	12	15	0.44	0.0
5118	NOT USED	-	-	-	-	-	-
5119	324+77.29	324+77.24	2	12	32	0.44	22.3
5120	324+77.24	2027+46.97	2	12	68	0.44	14.8
5121	2027+62.98	2027+72.94	2	15	6	0.44	1.8
5122	2027+72.94	2027+74.58	2	15	39	0.44	7.9
5123	2027+82.91	2027+72.94	2	15	6	0.44	1.8
5124	2027+84.77	2027+74.58	2	15	6	0.44	0.7
5125	2027+74.58	2027+64.39	2	15	6	0.44	0.7
5126	2027+64.39	2027+59.87	2	15	4	0.44	0.6
5127	2027+35.89	2027+26.25	2	12	11	0.44(4)	0.0
5128	2027+59.87	2026+28.70	2	30	120	0.25	35.3
5129	2026+28.70	2025+11.85	2	30	110	0.25	0.0
5130	2025+11.85	2023+46.25	2	30	157	0.25	0.0
5131	2023+46.25	2021+06.35	3	36	230	0.25	0.0
5132	2023+46.52	2023+46.25	2	12	5	0.44	0.0
5133	320+78.68	320+78.70	2	12	25	0.44	21.4
5134	320+78.70	2023+51.03	2	12	11	0.44	2.4
5135	2023+51.03	2023+46.00	2	12	39	0.44	6.3
5136	2023+46.00	2023+46.25	2	12	6	0.44	0.2
521	2028+40.25	2027+84.77	2	12	51	0.44	6.7
522	2030+40.48	2030+63.50	2	12	43	0.44	0.0
523	2030+63.50	2030+74.53	2	12	14	0.44	0.0
524	2032+69.09	2032+69.79	2	12	35	0.44	10.1
541	2036+34.69	2036+24.12	2	18	10	0.44	0.0
542	2036+24.12	2036+13.82	2	18	10	0.44	0.0
543	2036+56.35	2036+34.69	2	12	27	0.44	0.0
544	2034+84.50	2036+34.69	2	12	153	0.44	0.0
545	2035+02.42	2035+02.80	2	12	43	0.44	11.1
546	2037+54.35	2037+55.00	2	12	38	0.44	24.0

- NOTES:**
- INDICATES INLET TYPE A, 2' DIAMETER, TYPE 20 FRAME & GRATE.
  - INDICATES MANHOLE, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE.
  - INDICATES SEWER LATERAL WITH 45° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
  - INDICATES SEWER LATERAL WITH 30° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
  - INDICATES SEWER LATERAL WITH 60° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
  - INDICATES MANHOLE TYPE A WITH FLAT SLAB TOP, IDOT STANDARD 602601.
  - INDICATES CATCH BASIN REQUIRING TEMPORARY SOIL RETENTION SYSTEM WITH INSTALLATION.
  - ALL STRUCTURE ELEVATIONS IN RESURFACED AREAS COME FROM AERIAL SURVEY AND SHOULD BE VERIFIED IN THE FIELD AND ADJUSTED TO MATCH EXISTING CONDITIONS.

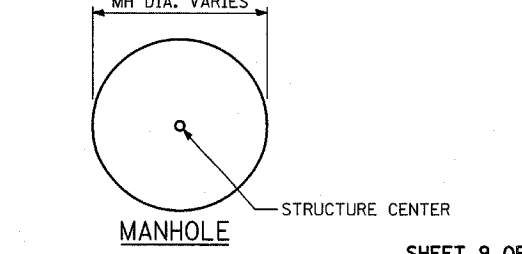
**CASING SIZES**

PIPE SIZE	CASING SIZE (OD)*	CASING WALL THICKNESS
12"	30"	0.500"
24"	42"	0.625"
30"	48"	0.688"
36"	48"	0.688"

\*ALL STEEL CASING SHALL MEET OR EXCEED ASTM A-139, GRADE B.  
 SEE THE DRAINAGE & UTILITY PLANS FOR LOCATION OF ALL STRUCTURES.  
 CATCH BASIN STATIONS ARE MEASURED TO CENTER OF STRUCTURE.  
 CATCH BASIN OFFSETS ARE MEASURED TO FLOWLINE OF CASTING. (SEE BELOW)  
 FLOWLINE OF CASTING IS LOCATED AT C OF STRUCTURE FOR CATCH BASINS LOCATED IN SWALE AND GORE AREAS.



**CATCH BASIN**  
 (PRECAST REINFORCED CONCRETE SECTION)  
 MANHOLE STATIONS AND OFFSETS ARE MEASURED TO CENTER OF STRUCTURE. (SEE BELOW)



REVISIONS	
NAME	DATE

### DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE		DIA.	FRAME & LID	TOP OF FRAME	N INV.	E INV.	S INV.	W INV.
			MH	CB							
556	326+88.31	16.5 RT		A	4'	T20 F&G	-10.39			-16.22	
557	329+86.01	31.2 LT	A		5'	T1F CL	-15.22		-26.41		-26.41
558	329+74.22	24.3 LT		A	4'	T20 F&G	-15.14		-20.97		-20.97
561	333+35.45	35.8 LT	A		5'	T1F CL	-14.12	-19.81	-24.75		-24.25
562	331+28.74	39.1 LT	A		5'	T1F CL	-16.61	-22.28	-25.79	-22.28(W)	-25.54
563	333+00.00	27.0 RT		C	2'	T1F OL	-14.10				-19.47
564	333+35.02	18.0 RT		A	4'	T20 F&G	-13.07		-19.61	-19.61	
565	333+35.00	26.0 LT		A	4'	T20 F&G	-14.65	-19.77		-19.77	
566	331+36.94	34.2 LT		C	2'	T1F OL	-17.05		-22.25		
567	331+30.14	25.6 RT		C	2'	T1F OL	-14.25			-22.00	
568	331+30.14	18.0 RT		A	4'	T20 F&G	-14.40	-22.03	-22.03		
569	331+20.25	18.0 RT		A	4'	T20 F&G	-14.40		-22.06	-22.06	-22.06
5610	331+10.36	18.0 RT		A	4'	T20 F&G	-14.40				-22.03
5611	331+10.66	26.0 LT		A	4'	T20 F&G	-15.95				-22.19
5612	331+20.84	26.0 LT		A	4'	T20 F&G	-15.95	-22.22	-22.22	-22.22	-22.22
5613	331+31.02	26.0 LT		A	4'	T20 F&G	-15.95		-22.19		
581	239+94.13	56.0 LT	DROP		6'	T1F CL	20.54	10.00	10.48		-14.75
582	238+38.68	63.4 LT	A(2)		6'	T1F CL	-4.49		-16.22		-16.22
583	NOT USED	-	-	-	-	-	-	-	-	-	-
584	NOT USED	-	-	-	-	-	-	-	-	-	-
585	239+94.16	46.0 LT		A	4'	T20 F&G	20.50	10.52			10.52
586	238+63.18	45.9 LT		A	4'	T20 F&G	15.90		11.07		
587	335+65.24	18.0 RT		A	4'	T20 F&G	-10.00			-17.27	
588	335+65.52	26.0 LT		A	4'	T20 F&G	-11.60	-17.43	-17.43		
589	335+25.17	30.0 LT	A		4'	T1F CL	-10.27				-17.59
5810	NOT USED	-	-	-	-	-	-	-	-	-	-
5811	NOT USED	-	-	-	-	-	-	-	-	-	-
5812	NOT USED	-	-	-	-	-	-	-	-	-	-
5813	337+00.00	17.1 RT		C	2'	T1F OL	-7.01		-13.29		
5814	NOT USED	-	-	-	-	-	-	-	-	-	-
5815	NOT USED	-	-	-	-	-	-	-	-	-	-
5816	NOT USED	-	-	-	-	-	-	-	-	-	-
5817	334+17.51	34.7 LT		C	2'	T1F OL	-12.58		-18.58		
5818	334+09.03	31.3 LT	A		4'	T1F CL	-12.61		-23.92		-18.61
591	339+93.06	12.0 RT		A	4'	T20 F&G	2.72			-4.92	
592	339+92.69	26.0 RT		A	4'	T20 F&G	1.06	-5.05		-5.05	
593	338+39.34	52.0 LT	A		4'	T1F CL	5.50		-0.50		-6.50
594	338+72.93	34.9 LT	A		5'	T1F CL	0.96	-7.36	-6.50		-7.36
595	339+92.58	35.9 LT	A		5'	T1F CL	1.08	-5.09	-7.55	-7.55	
596	338+73.62	12.0 RT		A(FS)	4'	T20 F&G	-1.04		-7.20	-7.20	
597	338+73.13	26.0 LT		A(FS)	4'	T20 F&G	-2.82	-7.33	-7.33	-7.33	
598	338+26.65	12.0 RT		A(1)	2'	T20 F&G	-2.87				-7.00
599	338+25.02	26.0 LT		A(1)	2'	T20 F&G	-4.67				-7.14

### STORM SEWER SCHEDULE

PIPE NUMBER	UPSTREAM STATION	DOWNSTREAM STATION	TYPE	DIA. (IN)	LENGTH (FT)	SLOPE %	T.B. (CU.YD)
551	329+76.99	329+68.57	2	27	4	0.25	0.0
552	329+68.57	329+71.25	2	27	6	0.44	0.0
553	329+00.00	329+00.07	2	12	40	0.44	40.7
554	329+00.07	329+74.22	2	12	70	0.44	58.8
555	326+79.89	326+82.52	2	12	5	0.44	0.9
556	326+88.31	326+79.89	2	12	36	0.44	9.6
557	329+86.01	329+76.99	2	27	6	0.33	0.0
558	329+74.22	329+86.01	2	12	11	0.44	4.9
561	333+35.45	331+28.74	2	24	196	0.40	0.0
562	331+28.74	329+86.01	2	27	136	0.46	0.0
563	333+00.00	333+35.02	2	12	31	0.44	3.6
564	333+35.02	333+35.00	2	12	36	0.44	5.5
565	333+35.00	333+35.45	2	12	8	0.44	0.4
566	331+36.94	331+28.74	2	12	6	0.44	0.0
567	331+30.14	331+30.14	2	12	7	0.44	1.4
568	331+30.14	331+20.25	2	15	6	0.44	2.1
569	331+20.25	331+20.84	2	15	36	0.44	9.7
5610	331+10.36	331+20.25	2	15	6	0.44	2.1
5611	331+10.66	331+20.84	2	15	6	0.44	1.1
5612	331+20.84	331+28.74	2	15	13	0.44	0.9
5613	331+31.02	331+20.84	2	15	6	0.44	1.1
581	239+94.13	238+38.68	7	18	147	1.00	0.0
582	238+38.68	336+78.82	3	18	8	1.00	0.0
583	NOT USED	-	-	-	-	-	-
584	NOT USED	-	-	-	-	-	-
585	239+94.16	239+94.13	2	12	8	0.44	3.7
586	238+63.18	239+94.16	2	12	125	0.44	38.7
587	335+65.24	335+65.52	2	12	36	0.44	8.1
588	335+65.52	335+25.17	2	12	36	0.44	8.1
589	NOT USED	-	-	-	-	-	-
5810	NOT USED	-	-	-	-	-	-
5811	NOT USED	-	-	-	-	-	-
5812	NOT USED	-	-	-	-	-	-
5813	337+00.00	336+78.82	2	12	21	0.44	0.0
5814	NOT USED	-	-	-	-	-	-
5815	NOT USED	-	-	-	-	-	-
5816	NOT USED	-	-	-	-	-	-
5817	334+17.51	334+09.03	2	12	6	0.44	0.0
5818	334+09.03	333+35.45	2	18	67	0.49	3.3
591	339+93.06	339+92.69	2	12	30	0.44	7.7
592	339+92.69	339+92.58	2	12	8	0.44	0.7
593	338+39.34	338+72.93	2	12	32	0.50	0.0
594	338+72.93	339+92.58	2	24	112	0.40	0.0
595	339+92.58	235+07.03	3	24	52	0.31	0.0
596	338+73.62	338+73.13	2	12	30	0.44	3.0
597	338+73.13	338+72.93	2	12	7	0.44	0.9
598	338+26.65	338+73.62	2	12	45	0.44	3.6
599	338+25.02	338+73.13	2	12	45	0.44	0.0

### NOTES:

- INDICATES INLET TYPE A, 2' DIAMETER, TYPE 20 FRAME & GRATE.
- INDICATES MANHOLE, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE.
- INDICATES SEWER LATERAL WITH 45° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
- INDICATES SEWER LATERAL WITH 30° CONNECTION. SEE SHEET "DETAIL OF STORM SEWER CONNECTIONS TO SEWER."
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### CASING SIZES

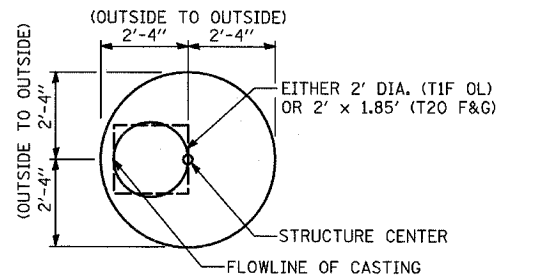
PIPE SIZE	CASING SIZE (OD)*	CASING WALL THICKNESS
12"	30"	0.500"
24"	42"	0.625"
30"	48"	0.688"
36"	48"	0.688"

\*ALL STEEL CASING SHALL MEET OR EXCEED ASTM A-139, GRADE B. SEE THE DRAINAGE & UTILITY PLANS FOR LOCATION OF ALL STRUCTURES.

CATCH BASIN STATIONS ARE MEASURED TO CENTER OF STRUCTURE.

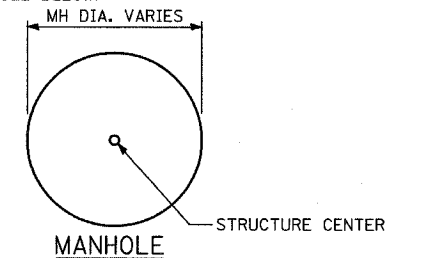
CATCH BASIN OFFSETS ARE MEASURED TO FLOWLINE OF CASING. (SEE BELOW)

FLOWLINE OF CASING IS LOCATED AT C OF STRUCTURE FOR CATCH BASINS LOCATED IN SWALE AND GORE AREAS.



CATCH BASIN (PRECAST REINFORCED CONCRETE SECTION)

MANHOLE STATIONS AND OFFSETS ARE MEASURED TO CENTER OF STRUCTURE. (SEE BELOW)



REVISIONS	
NAME	DATE

### UNDERDRAIN SCHEDULE

UNDERDRAIN PIPE LIMITS	OFFSET (FT)	PIPE UNDERDRAIN 6" (FT)	CONNECTING STRUCTURE NUMBER	PIPE UNDERDRAIN 6" (SPECIAL) (FT)
192+14.42 - 193+28.76	36.00 LT- 45.87 LT	114.3	EX	10.0
193+91.61 - 193+28.76	36.00 LT- 45.87 LT	62.9	EX	10.0
196+12.05 - 193+91.61	36.00 LT- 36.94 LT	220.4	EX	2.0
198+14.59 - 196+12.05	36.00 LT- 45.95 LT	202.5	EX	10.0
193+29.65 - 193+29.65	36.00 LT- 12.00 RT	36.0	21	12.0
193+40.04 - 193+40.04	36.00 LT- 12.00 RT	36.0	25	12.0
193+50.04 - 193+50.04	36.00 LT- 12.00 RT	36.0	24	12.0
193+29.65 - 193+40.04	12.00 RT- 12.00 RT	10.4	25	2.0
193+50.04 - 193+40.04	12.00 RT- 12.00 RT	10.0	25	2.0
*192+14.58 - 193+29.56	12.00 RT- 12.00 RT	115.0	21	2.0
194+28.13 - 193+50.04	12.00 RT- 12.00 RT	78.1	24	2.0
196+22.11 - 194+28.13	12.00 RT- 12.00 RT	194.0	22	2.0
198+14.59 - 196+22.11	12.00 RT- 12.00 RT	192.5	23	2.0
198+14.59 - 199+64.09	36.00 LT- 51.71 LT	149.5	31	10.0
199+64.04 - 201+99.54	36.00 LT- 52.14 LT	235.5	34	10.0
201+99.54 - 202+58.64	36.00 LT- 50.89 LT	59.1	37	10.0
202+58.64 - 203+92.02	36.00 LT- 50.95 LT	133.4	41	10.0
198+14.59 - 199+64.11	12.00 RT- 12.00 RT	149.5	32	2.0
199+64.11 - 200+57.93	12.00 RT- 12.00 RT	93.8	33	2.0
203+92.02 - 206+42.02	36.00 LT- 51.30 LT	250.0	44	10.0
206+42.02 - 208+33.70	36.00 LT- 46.77 LT	191.7	46	10.0
208+33.70 - 209+93.88	36.00 LT- 46.00 LT	160.2	51	10.0
203+58.09 - 203+92.17	26.14 RT- 25.55 RT	34.1	EX	2.0
203+92.17 - 204+75.17	25.55 RT- 23.89 RT	83.0	42	2.0
204+75.17 - 205+58.16	23.89 RT- 22.23 RT	83.0	43	2.0
205+58.16 - 206+42.16	22.23 RT- 20.55 RT	84.0	45	2.0
206+42.16 - 208+10.74	20.55 RT- 18.00 RT	168.6	47	2.0
*208+10.74 - 209+93.88	18.00 RT- 24.00 RT	183.1	52	2.0
209+93.88 - 212+23.93	46.00 LT- 46.00 LT	230.0	54	2.0
212+23.93 - 213+58.54	46.00 LT- 46.00 LT	134.6	57	2.0
213+58.54 - 214+71.28	46.00 LT- 46.00 LT	112.7	511	2.0
217+07.71 - 214+91.98	46.00 LT- 46.00 LT	215.7	512	2.0
209+93.88 - 212+23.98	24.00 RT- 24.00 RT	230.1	55	2.0
212+23.98 - 213+58.54	24.00 RT- 24.00 RT	134.6	58	2.0
213+58.54 - 214+71.28	24.00 RT- 24.00 RT	112.7	516	2.0
217+07.93 - 214+91.28	24.00 RT- 24.00 RT	216.7	517	2.0
214+71.28 - 214+81.28	36.00 LT- 46.00 LT	10.0	513	2.0
214+91.28 - 214+81.28	36.00 LT- 46.00 LT	10.0	513	2.0
214+71.28 - 214+71.28	36.00 LT- 24.00 RT	50.0	516	10.0
214+81.28 - 214+81.28	36.00 LT- 24.00 RT	50.0	518	10.0
214+91.28 - 214+91.28	36.00 LT- 24.00 RT	50.0	517	10.0
214+71.28 - 214+81.28	24.00 RT- 24.00 RT	10.0	518	2.0
214+91.28 - 214+81.28	24.00 RT- 24.00 RT	10.0	518	2.0
219+23.70 - 217+07.71	46.00 LT- 46.00 LT	216.0	61	2.0
220+91.70 - 219+23.70	46.00 LT- 46.00 LT	168.0	66	2.0
222+13.24 - 220+91.71	46.00 LT- 46.00 LT	121.5	69	2.0
*219+29.73 - 217+07.93	22.60 RT- 24.00 RT	221.8	62	2.0
220+92.96 - 219+29.73	26.66 RT- 22.60 RT	163.2	67	2.0
222+13.24 - 220+92.96	29.07 RT- 26.66 RT	120.3	610	2.0
223+87.44 - 222+13.24	46.00 LT- 46.00 LT	174.2	72	2.0
225+30.57 - 223+87.44	46.00 LT- 46.00 LT	143.1	75	2.0
226+60.23 - 225+30.57	46.00 LT- 46.00 LT	129.7	78	2.0
223+87.44 - 222+13.24	32.55 RT- 29.07 RT	174.2	73	2.0
225+33.30 - 223+87.44	35.48 RT- 32.55 RT	145.9	76	2.0

### UNDERDRAIN SCHEDULE (CONT.)

UNDERDRAIN PIPE LIMITS	OFFSET (FT)	PIPE UNDERDRAIN 6" (FT)	CONNECTING STRUCTURE NUMBER	PIPE UNDERDRAIN 6" (SPECIAL) (FT)
226+61.84 - 225+33.30	38.05 RT- 35.48 RT	128.5	79	2.0
227+98.09 - 226+60.23	46.00 LT- 46.00 LT	137.9	81	2.0
229+87.90 - 227+98.09	46.00 LT- 46.00 LT	189.8	84	2.0
229+87.90 - 231+06.84	46.00 LT- 46.00 LT	118.9	92	2.0
227+98.17 - 226+61.84	40.75 RT- 38.06 RT	136.3	82	2.0
229+87.90 - 227+98.17	44.39 RT- 40.75 RT	189.7	86	2.0
229+87.90 - 231+06.53	44.39 RT- 46.99 RT	118.6	91	2.0
231+06.84 - 231+49.00	46.00 LT- 46.00 LT	42.2	95	2.0
231+49.00 - 231+49.00	2.00 RT- 46.00 LT	38.0	95	10.0
231+59.00 - 231+59.00	2.00 RT- 46.00 LT	38.0	94	10.0
231+69.00 - 231+69.00	2.00 RT- 46.01 LT	38.0	93	10.0
231+49.00 - 231+59.00	46.00 LT- 46.00 LT	10.0	94	2.0
231+69.00 - 231+59.00	46.01 LT- 46.00 LT	10.0	94	2.0
232+76.57 - 231+69.00	46.17 LT- 46.01 LT	107.6	93	2.0
233+15.10 - 232+76.57	46.00 LT- 46.17 LT	38.5	96	2.0
233+30.36 - 233+77.29	46.00 LT- 46.00 LT	46.9	918	2.0
235+35.84 - 233+77.29	46.00 LT- 46.00 LT	158.5	918	2.0
236+50.00 - 235+35.84	46.00 LT- 46.00 LT	114.2	920	2.0
235+67.42 - 236+50.00	46.00 LT 46.00 LT	82.6	924	2.0
232+48.10 - 233+77.43	10.00 RT- 10.00 RT	129.3	917	2.0
235+34.88 - 233+77.43	10.00 RT- 10.00 RT	157.5	917	2.0
236+67.50 - 235+34.88	10.00 RT- 10.00 RT	132.6	919	2.0
407+90.93 - 408+17.32	10.00 LT- 10.00 LT	26.4	99	2.0
410+50.27 - 408+37.32	10.00 LT- 10.00 LT	212.9	97	2.0
408+17.32 - 408+27.32	10.00 LT- 10.00 LT	10.0	98	2.0
408+27.32 - 408+37.32	10.00 LT- 10.00 LT	10.0	97	2.0
408+27.32 - 408+27.32	0.00 LT- 34.00 RT	0.0	910	8.0
408+37.32 - 408+37.32	0.00 LT- 34.00 RT	0.0	911	8.0
408+47.32 - 408+47.32	0.00 LT- 34.00 RT	0.0	912	8.0
408+27.32 - 408+37.32	34.00 RT- 34.00 RT	10.0	911	2.0
408+47.32 - 408+37.32	34.00 RT- 34.00 RT	10.0	911	2.0
*406+49.77 - 408+28.32	34.00 RT- 34.00 RT	178.6	910	2.0
410+50.27 - 408+47.32	34.00 RT- 34.00 RT	202.9	912	2.0
412+51.05 - 410+50.27	10.00 LT- 10.00 LT	200.8	101	2.0
412+51.05 - 414+56.03	10.00 LT- 10.00 LT	205.0	105	2.0
415+00.00 - 414+56.03	10.00 LT- 10.00 LT	44.0	105	2.0
412+51.05 - 410+50.27	34.00 RT- 34.00 RT	200.8	102	2.0
412+51.05 - 414+56.03	34.00 RT- 34.00 RT	205.0	104	2.0
415+00.00 - 414+56.03	34.00 RT- 34.00 RT	44.0	104	2.0
241+47.03 - 239+94.16	46.00 LT- 46.00 LT	152.9	585	2.0
243+00.00 - 241+47.03	46.00 LT- 46.00 LT	153.0	112	2.0
244+90.47 - 243+00.00	46.00 LT- 46.00 LT	190.5	115	2.0
244+90.47 - 245+78.48	46.00 LT- 46.00 LT	88.0	117	2.0
246+22.66 - 245+78.48	46.00 LT- 46.00 LT	44.2	117	2.0
240+12.96 - 245+45.78	10.49 RT- 10.00 RT	532.8	111	2.0
243+00.00 - 241+45.78	10.00 RT- 10.00 RT	154.2	111	2.0
244+28.10 - 243+00.00	10.00 RT- 10.00 RT	128.1	114	2.0
245+47.39 - 248+46.74	10.00 RT- 8.00 RT	299.4	122	2.0
248+36.99 - 248+58.84	42.00 LT- 42.00 LT	21.8	121	2.0
248+58.84 - 249+90.92	42.00 LT- 42.00 LT	132.1	123	2.0
249+90.92 - 251+81.80	42.00 LT- 42.00 LT	190.9	128	2.0
251+81.80 - 253+45.98	42.00 LT- 42.02 LT	164.2	139	2.0
248+46.74 - 249+91.10	8.00 RT- 8.43 RT	144.4	124	2.0
249+91.10 - 252+30.72	8.43 RT- 10.00 RT	239.6	135	2.0

#### LEGEND:

\*COORDINATE LOCATION OF PIPE UNDERDRAIN WITH LOCATION OF PROPOSED ELECTRICAL DUCT.

#### NOTES:

1. IF THE PROPOSED UNDERDRAIN IS IN CONFLICT WITH AN EXISTING UTILITY, THE CONTRACTOR SHALL OUTLET THE UNDERDRAIN TO NEAREST DRAINAGE STRUCTURE.



REVISIONS	
NAME	DATE

UNDERDRAIN SCHEDULE (CONT.)

UNDERDRAIN PIPE LIMITS	OFFSET (FT)	PIPE UNDERDRAIN 6" (FT)	CONNECTING STRUCTURE NUMBER	PIPE UNDERDRAIN 6" (SPECIAL) (FT)
253+45.98 - 255+54.27	42.02 LT- 43.59 LT	208.3	142	2.0
2039+27.06 - 2037+54.35	10.00 LT- 10.00 LT	172.7	546	2.0
2040+25.08 - 2039+27.06	10.00 LT- 10.00 LT	98.0	131	2.0
2040+25.08 - 2042+75.22	10.00 LT- 10.00 LT	250.1	136	2.0
2038+44.71 - 2037+55.18	41.18 RT- 42.98 RT	89.5	EX	2.0
2039+27.06 - 2038+44.71	39.58 RT- 41.18 RT	82.4	EX	2.0
2040+25.08 - 2039+27.06	37.73 RT- 39.58 RT	98.0	132	2.0
2040+25.08 - 2042+75.22	37.73 RT- 36.00 RT	250.1	137	2.0
2042+75.22 - 2043+96.86	36.00 RT- 36.00 RT	121.6	1310	2.0
253+45.96 - 255+54.27	36.00 LT- 44.72 LT	208.3	142	2.0
253+54.72 - 255+54.27	46.28 RT- 36.00 RT	199.5	143	2.0
255+54.27 - 257+65.20	43.59 LT- 43.46 LT	210.9	146	2.0
2202+32.94 - 2203+98.70	0.00 LT- 6.99 LT	165.8	151	2.0
255+54.27 - 257+65.20	36.00 RT- 36.00 RT	210.9	147	2.0
2202+32.94 - 2203+98.71	72.00 RT- 69.56 RT	165.8	152	2.0
2203+98.70 - 2205+01.85	0.00 LT- 6.67 LT	103.1	154	2.0
2205+01.85 - 2206+45.56	0.00 LT- 6.53 LT	143.7	1512	2.0
2203+98.71 - 2204+53.60	69.56 RT- 67.46 RT	54.9	1521	2.0
2204+53.60 - 2205+08.49	67.46 RT- 65.34 RT	54.9	155	2.0
2205+31.62 - 2205+08.49	63.51 RT- 65.34 RT	23.1	155	2.0
*2205+51.36 - 2206+45.60	60.00 RT- 63.33 RT	94.2	159	2.0
*2206+45.60 - 2207+01.50	60.00 RT- 63.38 RT	55.9	1510	2.0
2206+45.56 - 2207+01.50	0.00 LT- 5.34 LT	55.9	1513	2.0
2207+01.50 - 2207+10.00	0.00 LT- 5.21 LT	8.5	1515	2.0
2207+16.76 - 2207+10.00	0.00 LT- 5.21 LT	6.8	1515	2.0
2207+65.83 - 2207+16.76	0.00 LT- 5.10 LT	49.1	1514	2.0
2208+15.24 - 2207+65.83	0.00 LT- 4.30 LT	49.4	1518	2.0
2210+68.97 - 2208+15.24	0.00 LT- 3.65 LT	253.7	161	2.0
*2210+27.61 - 2207+01.50	65.21 RT- 63.38 RT	326.1	1510	2.0
2210+45.55 - 2210+27.61	67.01 RT- 65.21 RT	17.9	165	2.0
2212+29.77 - 2210+68.97	0.00 LT- 3.75 LT	160.8	167	2.0
2214+03.32 - 2212+29.77	0.00 LT- 4.35 LT	173.6	1610	2.0
2210+58.22 - 2210+69.71	64.26 RT- 64.08 RT	11.5	169	2.0
2212+29.06 - 2210+69.71	72.00 RT- 64.08 RT	159.4	169	2.0
2214+02.94 - 2212+29.06	72.00 RT- 72.00 RT	173.9	1612	2.0
2215+79.03 - 2214+03.32	0.00 LT- 5.00 LT	175.7	171	2.0
2217+52.81 - 2215+79.03	0.00 LT- 5.00 LT	173.8	173	2.0
2219+29.28 - 2217+52.81	0.00 LT- 6.50 LT	176.5	176	2.0
2215+78.67 - 2214+02.94	72.00 RT- 72.00 RT	175.7	172	2.0
2217+52.92 - 2215+78.67	72.00 RT- 72.00 RT	174.3	175	2.0
2219+08.88 - 2217+52.92	72.00 RT- 72.00 RT	156.0	178	2.0
2220+89.23 - 2219+29.28	0.00 LT- 6.50 LT	160.0	181	2.0
2220+89.23 - 2222+70.01	0.00 LT- 6.50 LT	180.8	184	2.0
2222+70.01 - 2224+29.79	0.00 LT- 6.50 LT	159.8	185	2.0
2224+29.79 - 2225+89.85	0.00 LT- 9.60 LT	160.1	192	2.0
2223+53.78 - 2224+29.79	86.33 RT- 84.71 RT	76.0	186	2.0
2224+29.79 - 2224+83.45	84.71 RT- 83.64 RT	53.7	187	2.0
2224+83.45 - 2225+37.03	83.64 RT- 82.56 RT	53.6	191	2.0
2225+89.85 - 2227+44.18	0.00 LT- 10.00 LT	154.3	195	2.0
2227+44.18 - 2229+04.33	0.00 LT- 10.00 LT	160.1	198	2.0

UNDERDRAIN SCHEDULE (CONT.)

UNDERDRAIN PIPE LIMITS	OFFSET (FT)	PIPE UNDERDRAIN 6" (FT)	CONNECTING STRUCTURE NUMBER	PIPE UNDERDRAIN 6" (SPECIAL) (FT)
2229+04.33 - 2230+64.49	0.00 LT- 10.00 LT	160.2	1911	2.0
2230+64.49 - 2232+19.97	0.00 LT- 9.12 LT	155.5	202	2.0
2225+37.03 - 2225+84.27	82.56 RT- 81.62 RT	47.2	193	2.0
2225+84.27 - 2226+67.17	81.62 RT- 79.96 RT	82.9	194	2.0
2226+67.17 - 2227+43.54	79.96 RT- 78.43 RT	76.4	196	2.0
2227+43.54 - 2228+24.06	78.43 RT- 78.00 RT	80.5	197	2.0
2228+24.06 - 2229+07.09	78.00 RT- 75.16 RT	83.0	199	2.0
2229+07.09 - 2229+83.98	75.16 RT- 73.63 RT	76.9	1910	2.0
2229+83.98 - 2230+64.09	73.63 RT- 72.96 RT	80.1	1912	2.0
2230+64.09 - 2231+42.00	72.96 RT- 72.96 RT	77.9	201	2.0
2230+69.49 - 2232+19.97	0.00 LT- 9.12 LT	150.5	202	2.0
2232+19.97 - 2233+49.27	0.00 LT- 10.00 LT	129.3	204	2.0
2233+49.27 - 2234+30.04	0.00 LT- 10.00 LT	80.8	207	2.0
2235+26.76 - 2234+50.04	0.00 LT- 10.00 LT	76.7	208	2.0
2234+30.04 - 2234+40.04	0.00 LT- 10.00 LT	10.0	209	2.0
2234+50.04 - 2234+40.04	0.00 LT- 10.00 LT	10.0	209	2.0
2234+30.04 - 2234+30.04	0.00 LT- 71.69 RT	62.0	2012	9.0
2234+40.04 - 2234+40.04	0.00 LT- 71.31 RT	62.0	2014	9.0
2234+50.04 - 2234+50.04	0.00 LT- 70.92 RT	62.0	2013	9.0
2234+30.04 - 2234+40.04	71.69 RT- 71.31 RT	10.0	2014	2.0
2234+50.04 - 2234+40.04	70.92 RT- 71.31 RT	10.0	2014	2.0
2237+42.88 - 2235+26.76	0.00 LT- 10.00 LT	216.1	2016	2.0
2231+42.01 - 2232+19.59	72.96 RT- 72.96 RT	77.6	203	2.0
*2232+19.59 - 2233+49.06	72.96 RT- 73.05 RT	129.5	205	2.0
2233+49.06 - 2234+30.04	73.05 RT- 71.69 RT	81.0	2012	2.0
2234+79.18 - 2234+50.04	69.80 RT- 70.93 RT	29.1	2013	2.0
2235+26.76 - 2234+79.18	67.97 RT- 69.80 RT	47.6	2017	2.0
2235+60.19 - 2235+26.76	65.96 RT- 66.99 RT	33.4	2018	2.0
*2238+53.24 - 2235+60.19	60.00 RT- 65.96 RT	293.0	2019	2.0
2237+52.88 - 2237+42.88	0.00 LT- 7.47 LT	10.0	211	2.0
2238+90.26 - 2237+52.88	0.00 LT- 7.54 LT	137.4	212	2.0
2240+40.36 - 2238+90.26	0.00 LT- 9.40 LT	150.1	213	2.0
2242+11.90 - 2240+40.36	0.00 LT- 10.00 LT	171.5	214	2.0
2239+78.10 - 2238+59.71	72.00 RT- 64.72 RT	118.4	215	2.0
2238+53.24 - 2237+43.12	60.00 RT- 63.45 RT	110.1	216	2.0
2239+95.79 - 2240+40.79	72.00 RT- 72.00 RT	45.0	EX	2.0
2242+45.90 - 2240+40.79	80.92 RT- 72.00 RT	205.1	EX	2.0
2243+70.40 - 2242+11.90	0.00 LT- 10.00 LT	158.5	221	2.0
2244+05.00 - 2243+70.40	0.00 LT- 10.00 LT	34.6	222	2.0
2244+05.00 - 2245+98.57	0.00 LT- 10.00 LT	193.6	224	2.0
2245+98.57 - 2246+22.22	0.00 LT- 10.00 LT	23.6	223	2.0
2245+22.22 - 2247+41.34	10.00 LT- 10.00 LT	219.1	232	2.0
2242+46.00 - 2242+16.90	82.76 RT- 80.92 RT	29.1	EX	2.0
2244+92.09 - 2245+98.22	72.00 RT- 72.00 RT	106.1	225	2.0
2245+98.22 - 2247+41.75	72.00 RT- 72.00 RT	143.5	233	2.0
2246+22.22 - 2247+41.34	0.00 LT 10.00 LT	119.1	232	2.0
2247+41.34 - 2249+18.81	0.00 LT- 10.00 LT	177.5	234	2.0
2249+18.81 - 2250+89.08	0.00 LT- 8.21 LT	170.3	236	2.0
2250+89.08 - 2252+48.78	0.00 LT- 6.50 LT	159.7	238	2.0
2252+48.78 - 2253+18.86	0.00 LT- 6.76 LT	70.1	241	2.0

LEGEND:

\*COORDINATE LOCATION OF PIPE UNDERDRAIN WITH LOCATION OF PROPOSED ELECTRICAL DUCT.

NOTES:

1. IF THE PROPOSED UNDERDRAIN IS IN CONFLICT WITH AN EXISTING UTILITY, THE CONTRACTOR SHALL OUTLET THE UNDERDRAIN TO NEAREST DRAINAGE STRUCTURE.

UNDERDRAIN SCHEDULE (CONT.)

UNDERDRAIN PIPE LIMITS	OFFSET (FT)	PIPE UNDERDRAIN 6" (FT)	CONNECTING STRUCTURE NUMBER	PIPE UNDERDRAIN 6" (SPECIAL) (FT)
2247+41.75 - 2248+29.68	72.00 RT- 72.00 RT	87.9	235	2.0
2248+29.68 - 2250+88.89	72.00 RT- 72.00 RT	259.2	237	2.0
2250+88.89 - 2252+50.12	72.00 RT- 72.00 RT	161.2	239	2.0
2252+50.12 - 2254+18.95	72.00 RT- 72.00 RT	168.8	243	2.0
2253+18.86 - 2254+29.24	0.00 LT- 5.88 LT	110.4	242	2.0
2254+29.24 - 2255+99.39	0.00 LT- 5.62 LT	170.2	244	2.0
2255+99.39 - 2257+48.33	0.00 LT- 5.68 LT	148.9	247	2.0
2258+36.87 - 2257+68.33	0.00 LT- 5.64 LT	68.5	248	2.0
2257+48.33 - 2257+59.60	0.00 LT- 5.65 LT	11.3	249	2.0
2257+68.33 - 2257+59.60	0.00 LT- 5.65 LT	8.7	249	2.0
2257+48.33 - 2257+48.34	0.00 LT- 68.78 RT	62.0	2412	7.0
2257+59.60 - 2257+59.60	0.00 LT- 68.35 RT	62.0	2414	7.0
2257+68.33 - 2257+68.32	0.00 LT- 68.01 RT	62.0	2413	7.0
2257+48.34 - 2257+59.60	68.78 RT- 68.35 RT	11.3	2414	2.0
2257+68.32 - 2257+59.60	68.01 RT- 68.35 RT	8.7	2414	2.0
2260+09.82 - 2258+36.87	0.00 LT- 5.83 LT	173.0	2415	2.0
2254+18.95 - 2255+89.12	72.00 RT- 72.00 RT	170.2	245	2.0
2255+89.12 - 2257+48.34	72.00 RT- 68.78 RT	159.2	2412	2.0
2258+36.84 - 2257+68.32	65.38 RT- 68.01 RT	68.5	2413	2.0
*2259+89.26 - 2258+36.84	63.87 RT- 65.38 RT	152.4	2416	2.0
2261+49.06 - 2260+09.82	0.00 LT- 7.96 LT	139.2	252	2.0
2263+29.67 - 2261+49.06	0.00 LT- 6.50 LT	180.6	255	2.0
2264+97.31 - 2263+29.67	0.00 LT- 6.50 LT	167.6	258	2.0
2266+67.96 - 2264+97.31	0.00 LT- 6.50 LT	170.6	2511	2.0
*2259+97.25 - 2260+09.82	64.64 RT- 65.93 RT	12.6	253	2.0
*2259+89.26 - 2260+09.82	72.00 RT- 65.93 RT	149.0	253	2.0
2263+29.67 - 2261+58.86	72.00 RT- 72.00 RT	170.8	256	2.0
2264+97.31 - 2263+29.67	72.00 RT- 72.00 RT	167.6	259	2.0
2266+67.96 - 2264+97.31	72.00 RT- 72.00 RT	170.6	2512	2.0
2268+58.96 - 2266+67.96	0.00 LT- 6.73 LT	191.0	262	2.0
2270+59.10 - 2268+58.96	0.00 LT- 10.00 LT	200.1	264	2.0
2272+65.02 - 2270+59.10	0.00 LT- 10.00 LT	205.9	266	2.0
2268+58.96 - 2266+67.96	72.00 RT- 72.00 RT	191.0	263	2.0
2269+51.76 - 2268+58.96	72.00 RT- 72.00 RT	92.8	265	2.0
2272+65.02 - 2274+57.97	0.00 LT- 10.00 LT	193.0	272	2.0
2274+57.97 - 2276+33.42	0.00 LT- 10.00 LT	175.5	276	2.0
2276+33.42 - 2278+07.69	0.00 LT- 10.00 LT	174.3	283	2.0
2272+66.97 - 2273+68.05	86.33 RT- 84.21 RT	101.1	271	2.0
2273+68.05 - 2274+57.97	84.21 RT- 82.41 RT	89.9	273	2.0
2274+57.97 - 2275+45.92	82.41 RT- 80.65 RT	88.0	275	2.0
2275+45.92 - 2276+33.42	80.65 RT- 78.90 RT	87.5	277	2.0
2276+33.42 - 2277+20.92	78.90 RT- 77.15 RT	87.5	281	2.0
2278+07.69 - 2278+88.01	0.00 LT- 10.00 LT	80.3	286	2.0
2278+88.01 - 2281+68.01	0.00 LT- 10.00 LT	280.0	2810	2.0
2281+68.01 - 2283+56.93	0.00 LT- 10.00 LT	188.9	291	2.0
2277+20.92 - 2278+07.64	77.15 RT- 75.42 RT	86.7	284	2.0
2278+07.64 - 2279+88.01	75.42 RT- 72.00 RT	180.4	287	2.0
2279+88.01 - 2281+68.01	72.00 RT- 72.00 RT	180.0	2811	2.0
2281+68.01 - 2283+51.01	72.00 RT- 71.15 RT	183.0	292	2.0
2283+56.93 - 2285+33.93	0.00 LT- 9.97 LT	177.0	296	2.0

TYLIN INTERNATIONAL

SHEET 2 OF 3

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 UNDERDRAIN SCHEDULE

REVISIONS	
NAME	DATE



UNDERDRAIN SCHEDULE (CONT.)

UNDERDRAIN PIPE LIMITS	OFFSET (FT)	PIPE UNDERDRAIN 6" (FT)	CONNECTING STRUCTURE NUMBER	PIPE UNDERDRAIN 6" (SPECIAL) (FT)
2285+33.93 - 2287+26.04	0.00 LT-10.00 LT	192.1	2911	2.0
2287+26.04 - 2287+36.04	0.00 LT-10.00 LT	10.0	2912	2.0
2288+99.27 - 2287+46.04	0.00 LT-10.00 LT	153.2	2910	2.0
2287+46.04 - 2287+36.04	0.00 LT-10.00 LT	10.0	2912	2.0
2287+26.04 - 2287+26.04	0.00 LT-70.31 RT	62.0	2916	10.0
2287+36.04 - 2287+36.04	0.00 LT-71.31 RT	62.0	2918	10.0
2287+46.04 - 2287+46.04	0.00 LT-72.00 RT	62.0	2919	10.0
2287+26.04 - 2287+36.04	70.31 RT-71.31 RT	10.0	2918	2.0
2287+46.04 - 2287+36.04	72.00 RT-71.31 RT	10.0	2918	2.0
2283+51.01 - 2284+43.93	71.15 RT-67.61 RT	92.9	294	2.0
2284+43.93 - 2285+33.93	67.61 RT-64.18 RT	90.0	297	2.0
2285+33.93 - 2286+73.16	64.18 RT-65.00 RT	139.2	2915	2.0
2286+73.16 - 2287+26.04	65.00 RT-70.31 RT	52.9	2916	2.0
2287+66.15 - 2287+46.04	72.00 RT-72.00 RT	20.1	2919	2.0
2288+96.64 - 2287+66.15	72.00 RT-72.00 RT	130.5	2920	2.0
2290+47.00 - 2288+96.64	75.76 RT-72.00 RT	150.4	2923	2.0
2290+47.60 - 2288+99.27	0.00 LT-10.00 LT	148.3	2922	2.0
2291+97.95 - 2290+47.60	0.00 LT-10.00 LT	150.4	302	2.0
2293+73.92 - 2291+97.95	0.00 LT-10.00 LT	176.0	304	2.0
2295+50.01 - 2293+73.92	0.00 LT-10.00 LT	176.1	306	2.0
2291+98.07 - 2290+47.00	84.00 RT-75.76 RT	151.1	EX	2.0
2297+18.99 - 2295+50.01	0.00 LT-10.00 LT	169.0	312	2.0
2298+58.58 - 2297+18.99	0.00 LT-10.00 LT	139.6	314	2.0
2298+86.88 - 2298+58.58	0.00 LT-10.00 LT	28.3	315	2.0
2298+86.88 - 2300+42.99	0.00 LT-10.00 LT	156.1	317	2.0
2300+42.99 - 2301+97.93	0.00 LT-10.00 LT	154.9	322	2.0
2301+97.93 - 2303+47.92	0.00 LT-10.00 LT	150.0	324	2.0
2303+47.92 - 2304+97.92	0.00 LT-10.00 LT	150.0	326	2.0
2304+97.92 - 2306+47.99	0.00 LT-8.00 LT	150.1	328	2.0
2306+47.99 - 2308+08.98	0.00 LT-6.78 LT	161.0	331	2.0
2303+70.61 - 2304+48.00	86.12 RT-82.54 RT	77.4	EX	2.0
2304+48.00 - 2305+48.00	82.54 RT-78.98 RT	100.0	EX	2.0
2305+48.00 - 2306+49.17	78.98 RT-77.05 RT	101.2	EX	2.0
2306+49.17 - 2308+07.09	77.05 RT-71.07 RT	157.9	EX	2.0
2308+08.98 - 2309+47.71	0.00 LT-6.98 LT	138.7	332	2.0
2309+47.71 - 2310+53.75	0.00 LT-7.08 LT	106.0	335	2.0
2310+53.75 - 2311+13.33	0.00 LT-7.17 LT	59.6	338	2.0
2311+13.33 - 2311+23.33	0.00 LT-7.20 LT	10.0	3310	2.0
2311+33.33 - 2311+23.33	0.00 LT-7.20 LT	10.0	3310	2.0
2311+13.33 - 2311+13.41	0.00 LT-67.55 RT	62.0	3313	6.0
2311+23.33 - 2311+23.36	0.00 LT-67.16 RT	62.0	3315	6.0
2311+33.33 - 2311+33.42	0.00 LT-66.78 RT	62.0	3314	6.0
2311+13.41 - 2311+23.36	67.55 RT-67.16 RT	9.9	3315	2.0
2311+33.42 - 2311+23.36	66.78 RT-67.16 RT	10.1	3315	2.0
2312+18.24 - 2311+33.33	0.00 LT-7.22 LT	84.9	339	2.0
2313+85.01 - 2312+18.24	0.00 LT-7.36 LT	166.8	3317	2.0
2308+07.09 - 2309+66.08	71.07 RT-72.00 RT	159.0	333	2.0
2309+66.08 - 2310+44.74	72.00 RT-70.19 RT	78.7	336	2.0
2310+44.74 - 2311+13.41	70.19 RT-67.55 RT	68.7	3313	2.0

UNDERDRAIN SCHEDULE (CONT.)

UNDERDRAIN PIPE LIMITS	OFFSET (FT)	PIPE UNDERDRAIN 6" (FT)	CONNECTING STRUCTURE NUMBER	PIPE UNDERDRAIN 6" (SPECIAL) (FT)
2311+87.00 - 2311+33.42	64.72 RT-66.78 RT	53.6	3314	2.0
2313+85.01 - 2311+87.00	66.60 RT-64.72 RT	198.0	3318	2.0
2315+15.14 - 2313+85.01	0.00 LT-7.07 LT	130.1	341	2.0
2316+00.00 - 2315+15.14	0.00 LT-7.86 LT	84.9	346	2.0
2315+17.14 - 2313+85.01	72.00 RT-66.60 RT	132.1	342	2.0
2316+00.00 - 2315+17.14	72.00 RT-72.00 RT	82.9	347	2.0
1990+48.74 - 1992+50.00	34.12 RT-83.14 RT	201.3	454	2.0
1993+39.92 - 1992+59.83	87.07 RT-85.21 RT	80.1	453	2.0
1994+50.00 - 1993+39.92	87.13 RT-87.07 RT	110.1	452	2.0
1995+62.00 - 1994+50.00	43.20 RT-87.16 RT	112.0	451	2.0
1995+62.00 - 1996+75.76	43.20 RT-39.21 RT	113.8	461	2.0
1996+75.76 - 1998+34.97	39.21 RT-33.66 RT	159.2	EX	2.0
2021+00.00 - 2021+65.10	8.93 LT-10.00 LT	65.1	504	2.0
2021+65.10 - 2023+51.03	10.00 LT-10.00 LT	185.9	5135	2.0
2021+00.00 - 2021+65.06	34.24 RT-36.00 RT	65.1	505	2.0
2021+65.06 - 2023+46.00	36.00 RT-36.00 RT	180.9	5136	2.0
2023+51.03 - 2024+99.38	10.00 LT-10.00 LT	148.4	5112	2.0
2024+99.08 - 2026+39.06	10.00 LT-10.00 LT	140.0	5115	2.0
2026+39.06 - 2027+62.98	10.00 LT-10.00 LT	123.9	5121	2.0
2030+40.48 - 2027+82.91	10.00 LT-10.00 LT	257.6	5123	2.0
2023+46.00 - 2024+99.31	36.00 RT-36.00 RT	153.3	5113	2.0
2024+99.31 - 2026+41.23	36.00 RT-36.00 RT	141.9	5116	2.0
2026+41.23 - 2027+64.39	36.00 RT-36.00 RT	123.2	5126	2.0
2028+40.25 - 2027+84.77	36.00 RT-36.00 RT	55.5	5124	2.0
2027+62.98 - 2027+72.94	10.00 LT-10.00 LT	10.0	5122	2.0
2027+82.91 - 2027+72.94	10.00 LT-10.00 LT	10.0	5122	2.0
2027+62.98 - 2027+64.39	0.00 LT-36.00 RT	26.0	5126	10.0
2027+72.94 - 2027+74.58	0.00 LT-36.00 RT	26.0	5125	10.0
2027+82.94 - 2027+84.77	0.00 LT-36.00 RT	26.0	5124	10.0
2032+69.09 - 2030+40.48	10.00 LT-10.00 LT	228.6	522	2.0
2035+02.42 - 2032+69.09	10.00 LT-10.00 LT	233.3	524	2.0
2030+63.50 - 2028+40.25	34.00 RT-36.00 RT	223.3	521	2.0
2031+92.67 - 2030+63.50	34.00 RT-34.00 RT	129.2	523	2.0
2037+54.35 - 2035+02.42	10.00 LT-10.00 LT	251.9	545	2.0
2034+18.75 - 2035+02.88	50.21 RT-48.34 RT	84.1	EX	2.0
2036+35.46 - 2035+02.88	45.47 RT-48.34 RT	132.6	EX	2.0
2037+55.18 - 2036+35.46	42.98 RT-45.49 RT	119.7	EX	2.0
330+65.46 - 331+10.66	24.99 LT-26.00 LT	45.2	5611	2.0
331+10.36 - 331+10.66	10.00 RT-26.00 LT	26.0	5611	10.0
331+20.25 - 331+20.84	10.00 RT-26.00 LT	26.0	5612	10.0
331+30.14 - 331+31.02	10.00 RT-26.00 LT	26.0	5613	10.0
331+10.66 - 331+20.84	26.00 LT-26.00 LT	10.2	5612	2.0
331+31.02 - 331+20.84	26.00 LT-26.00 LT	10.2	5612	2.0
331+10.36 - 331+20.25	10.00 RT-10.00 RT	9.9	569	2.0
331+30.14 - 331+20.25	10.00 RT-10.00 RT	9.9	569	2.0
333+35.00 - 331+31.02	26.00 LT-26.00 LT	204.0	5613	2.0
335+65.24 - 333+35.00	26.00 LT-26.00 LT	230.2	565	2.0
333+65.46 - 331+10.36	18.00 RT-18.00 RT	255.1	5610	2.0
333+35.00 - 331+30.14	18.00 RT-18.00 RT	204.9	568	2.0

UNDERDRAIN SCHEDULE (CONT.)

UNDERDRAIN PIPE LIMITS	OFFSET (FT)	PIPE UNDERDRAIN 6" (FT)	CONNECTING STRUCTURE NUMBER	PIPE UNDERDRAIN 6" (SPECIAL) (FT)
335+65.24 - 333+35.00	18.00 RT-18.00 RT	230.2	564	2.0
338+25.02 - 335+65.24	26.00 LT-26.00 LT	259.8	588	2.0
338+73.13 - 338+25.02	26.00 LT-26.00 LT	48.1	599	2.0
339+92.69 - 338+73.13	26.00 LT-26.00 LT	119.6	597	2.0
338+26.65 - 335+65.24	12.00 RT-18.00 RT	261.4	587	2.0
338+73.62 - 338+26.65	12.00 RT-12.00 RT	47.0	598	2.0
339+93.06 - 338+73.62	12.00 RT-12.00 RT	119.4	596	2.0
340+29.15 - 339+92.69	26.00 LT-26.00 LT	36.5	592	2.0
340+29.15 - 339+93.06	12.00 RT-12.00 RT	36.1	591	2.0

MANHOLE RECONSTRUCTION SCHEDULE

STRUCTURE NUMBER	CONTRACT NUMBER	STATION	OFFSET	STRUCTURE DATA	EXISTING RIM EL	PROPOSED RIM EL
3C2	62694	216+57.96	30.8 RT	MH TY A-5'	1.86	-0.67
3C3	62694	216+48.30	30.8 RT	MH TY A-6'(R)	1.82	-0.72
3C4	62694	216+38.39	30.8 RT	DROP MH-7'	1.86	-0.76
64	62591	233+20.21	46.0 LT	JC	5.66	3.98
113	62591	249+47.93	21.6 RT	DROP MH-6'	17.19	20.35
68	62591	249+49.00	37.3 RT	JC	14.18	17.07
146	62872	2017+19.51	42.8 LT	DROP MH-6'	0.94	F.V.
116	62591	2231+59.83	75.5 RT	DROP MH-6'	-1.28	-3.50
EX		2245+80.00	70.3 RT	F.V.	2.40	2.18

**LEGEND:**  
 \*COORDINATE LOCATION OF PIPE UNDERDRAIN WITH LOCATION OF PROPOSED ELECTRICAL DUCT.

**NOTES:**  
 1. IF THE PROPOSED UNDERDRAIN IS IN CONFLICT WITH AN EXISTING UTILITY, THE CONTRACTOR SHALL OUTLET THE UNDERDRAIN TO NEAREST DRAINAGE STRUCTURE.



REVISIONS	
NAME	DATE

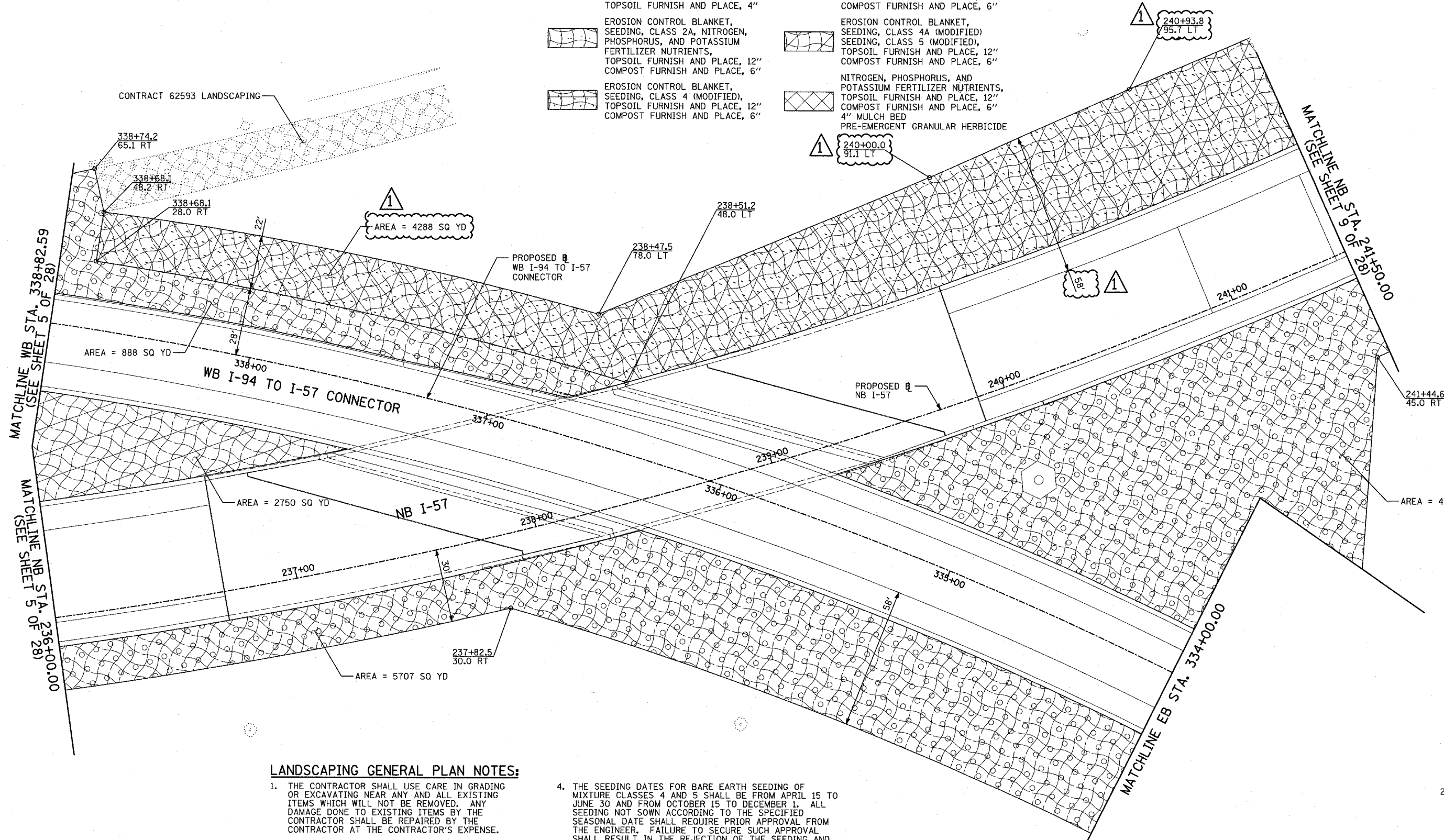
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 UNDERDRAIN SCHEDULE  
 AND  
 MANHOLE RECONSTRUCTION SCHEDULE  
 SCALE: NONE  
 DATE: MARCH 7, 2006  
 DRAWN BY: MB  
 CHECKED BY: DA





**LEGEND:**

- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- EROSION CONTROL BLANKET, SEEDING, CLASS 4 (MODIFIED), SEEDING, CLASS 4A (MODIFIED), SEEDING, CLASS 5 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- EROSION CONTROL BLANKET, SEEDING, CLASS 5 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
- 4" MULCH BED
- PRE-EMERGENT GRANULAR HERBICIDE



**LANDSCAPING GENERAL PLAN NOTES:**

- THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
- THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
- AREAS TO BE SEEDED BETWEEN NOVEMBER 1 AND APRIL 1 SHALL REQUIRE DORMANT SEEDING, WHICH SHALL BE INCLUDED IN THE COST OF SEEDING CLASS 2A, SEEDING CLASS 4 (MODIFIED), OR SEEDING CLASS 4A (MODIFIED).
- THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASSES 4 AND 5 SHALL BE FROM APRIL 15 TO JUNE 30 AND FROM OCTOBER 15 TO DECEMBER 1. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
- LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO TOPSOIL PLACEMENT, SEEDING, AND PLANTING.







REVISIONS	
NAME	DATE

ADDENDUM 1 05/08/06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**LANDSCAPING PLAN**  
**NB I-57 AND WB I-94 TO I-57 CONNECTOR**  
**NB I-57 STA 236+00.00 TO 241+50.00**  
**(SHEET 7 OF 28)**  
 SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: JJS  
 CHECKED BY: MPG

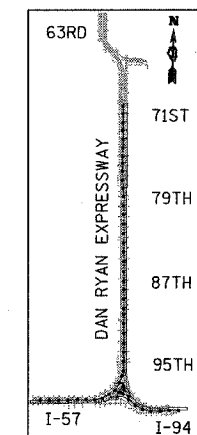
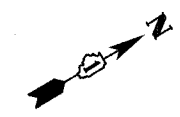
**TYLIN INTERNATIONAL**

**LEGEND:**

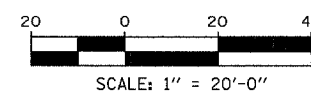
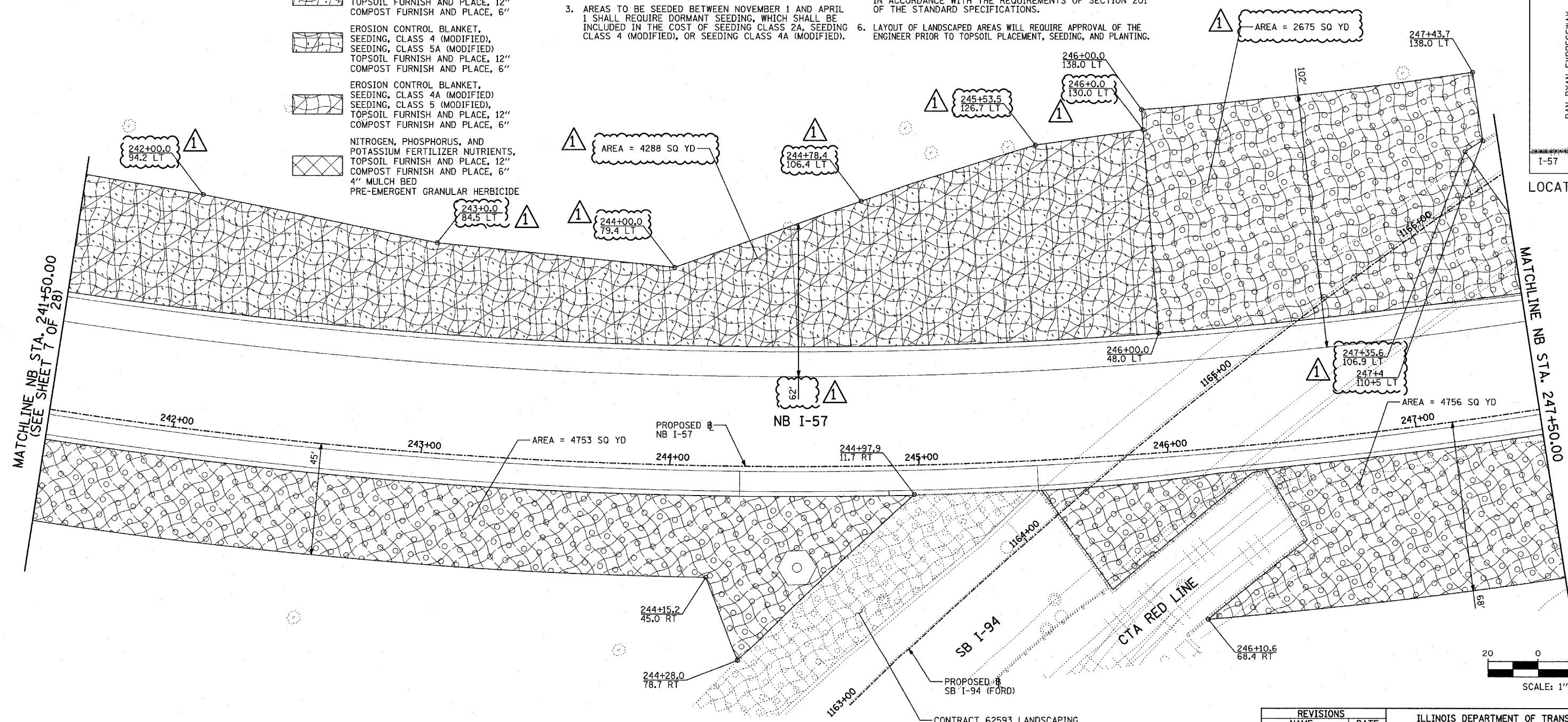
-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
-  EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
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-  EROSION CONTROL BLANKET, SEEDING, CLASS 4 (MODIFIED), SEEDING, CLASS 5A (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
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-  NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE

**LANDSCAPING GENERAL PLAN NOTES:**

1. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
2. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
3. AREAS TO BE SEEDDED BETWEEN NOVEMBER 1 AND APRIL 1 SHALL REQUIRE DORMANT SEEDING, WHICH SHALL BE INCLUDED IN THE COST OF SEEDING CLASS 2A, SEEDING CLASS 4 (MODIFIED), OR SEEDING CLASS 4A (MODIFIED).
4. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASSES 4 AND 5 SHALL BE FROM APRIL 15 TO JUNE 30 AND FROM OCTOBER 15 TO DECEMBER 1. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
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6. LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO TOPSOIL PLACEMENT, SEEDING, AND PLANTING.



LOCATION MAP



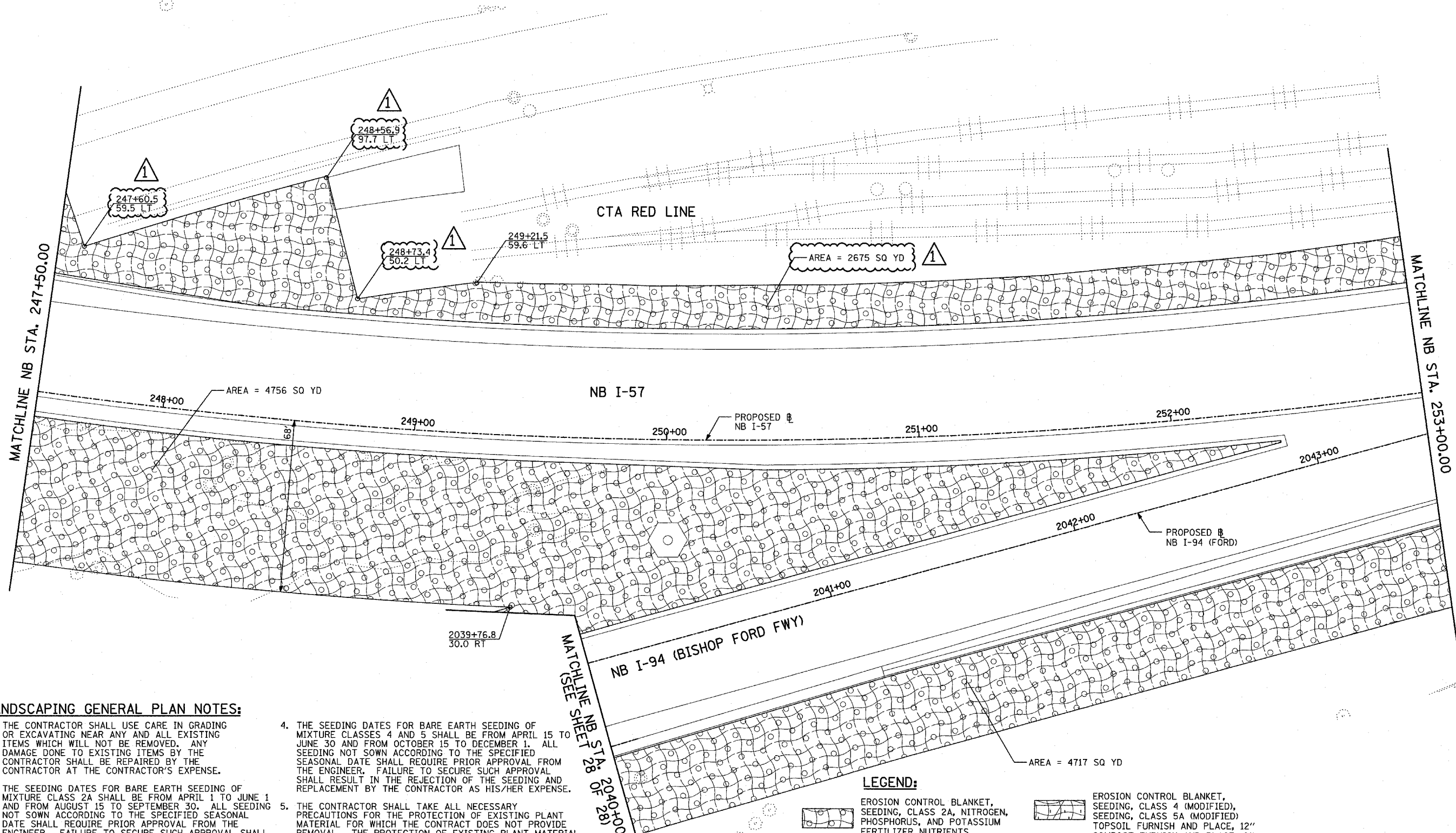
**TYLIN** INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 LANDSCAPING PLAN  
 NB I-57  
 STA. 241+50.00 TO 247+50.00  
 (SHEET 9 OF 28)

SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: JJS  
 CHECKED BY: MPG

ADDENDUM 1 05/08/06



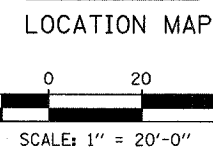
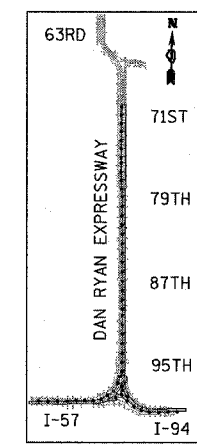
**LANDSCAPING GENERAL PLAN NOTES:**

1. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
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6. LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO TOPSOIL PLACEMENT, SEEDING, AND PLANTING.

MATCHLINE NB STA. 2040+00.00 (SEE SHEET 28 OF 28)

**LEGEND:**

- |  |  |  |   |
|--|--|--|---|
|  | EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"                                |  | EROSION CONTROL BLANKET, SEEDING, CLASS 4 (MODIFIED), SEEDING, CLASS 5A (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"                    |
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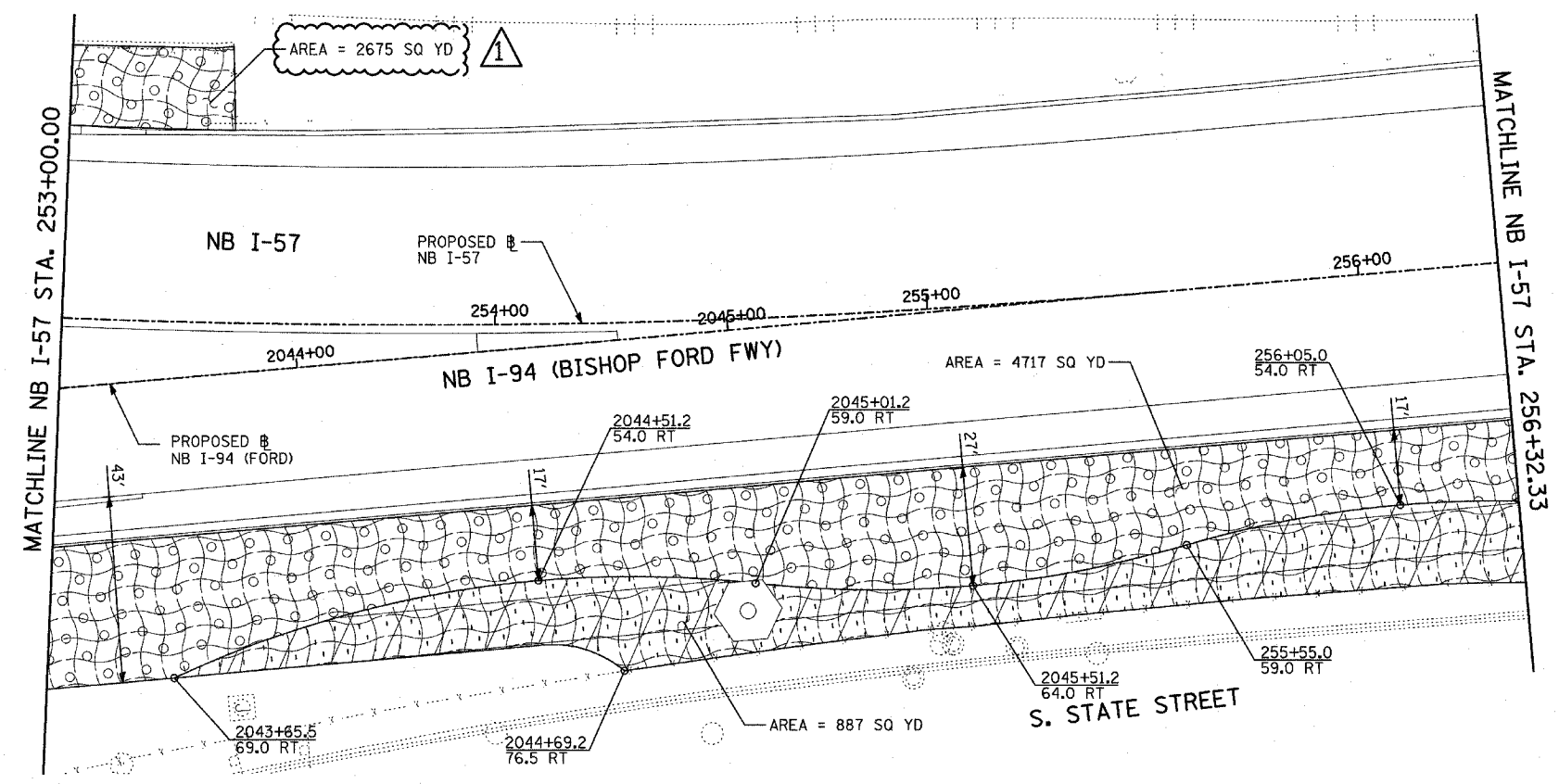
**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE

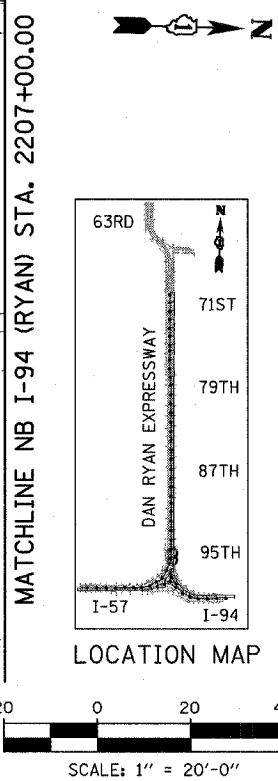
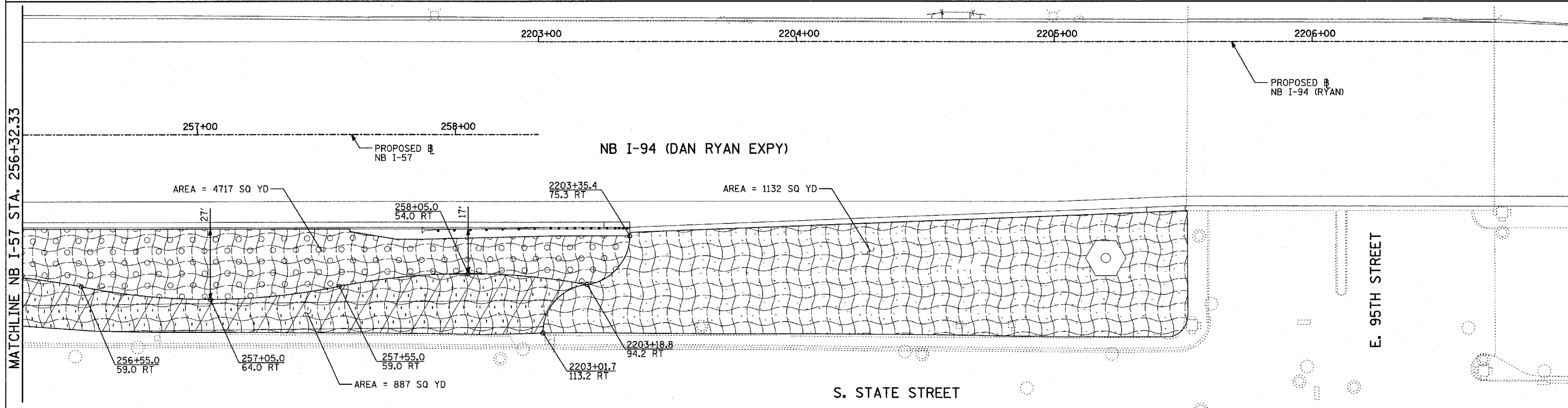
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 LANDSCAPING PLAN  
 NB I-57 AND NB I-94 (BISHOP FORD FWY)  
 NB I-57 STA. 247+50.00 TO 253+00.00  
 (SHEET 10 OF 28)

SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: JJS  
 CHECKED BY: MPG





- LEGEND:**
- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
  - EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
  - EROSION CONTROL BLANKET, SEEDING, CLASS 4 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
  - EROSION CONTROL BLANKET, SEEDING, CLASS 4 (MODIFIED), SEEDING, CLASS 5A (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
  - EROSION CONTROL BLANKET, SEEDING, CLASS 4A (MODIFIED), SEEDING, CLASS 5 (MODIFIED), TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"
  - NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6" 4" MULCH BED PRE-EMERGENT GRANULAR HERBICIDE



**LANDSCAPING GENERAL PLAN NOTES:**

1. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
2. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
3. AREAS TO BE SEEDDED BETWEEN NOVEMBER 1 AND APRIL 1 SHALL REQUIRE DORMANT SEEDING, WHICH SHALL BE INCLUDED IN THE COST OF SEEDING CLASS 2A, SEEDING CLASS 4 (MODIFIED), OR SEEDING CLASS 4A (MODIFIED).
4. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASSES 4 AND 5 SHALL BE FROM APRIL 15 TO JUNE 30 AND FROM OCTOBER 15 TO DECEMBER 1. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
5. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
6. LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO TOPSOIL PLACEMENT, SEEDING, AND PLANTING.

**TYLIN** INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 LANDSCAPING PLAN**  
 NB I-57 AND NB I-94  
 NB I-57 STA. 253+00.00 TO  
 NB I-94 STA. 2207+00.00  
 (SHEET 11 OF 28)

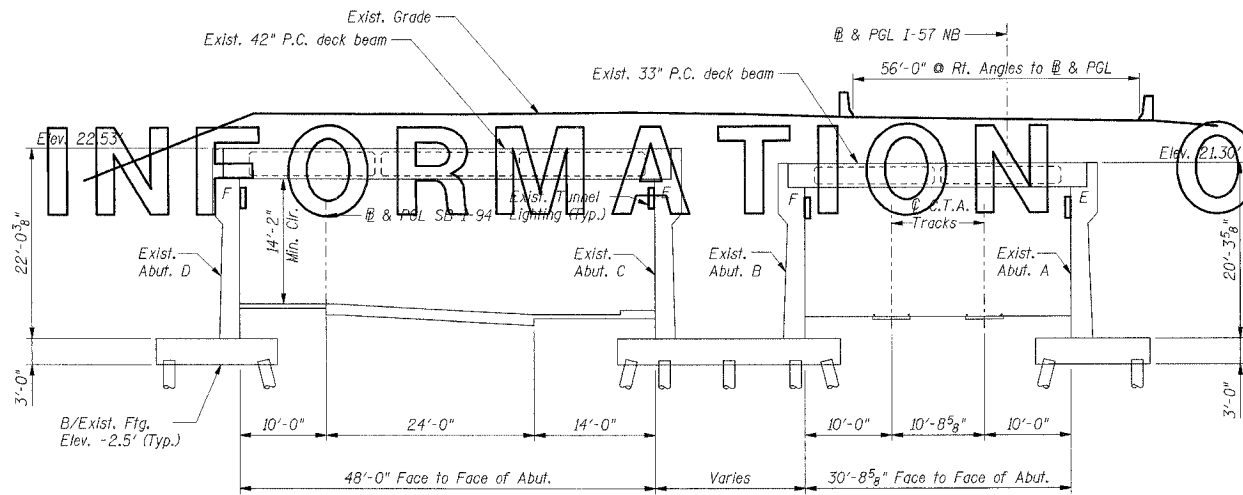
SCALE: 1"=20'  
 DATE: MARCH 7, 2006  
 DRAWN BY: JJS  
 CHECKED BY: MPG





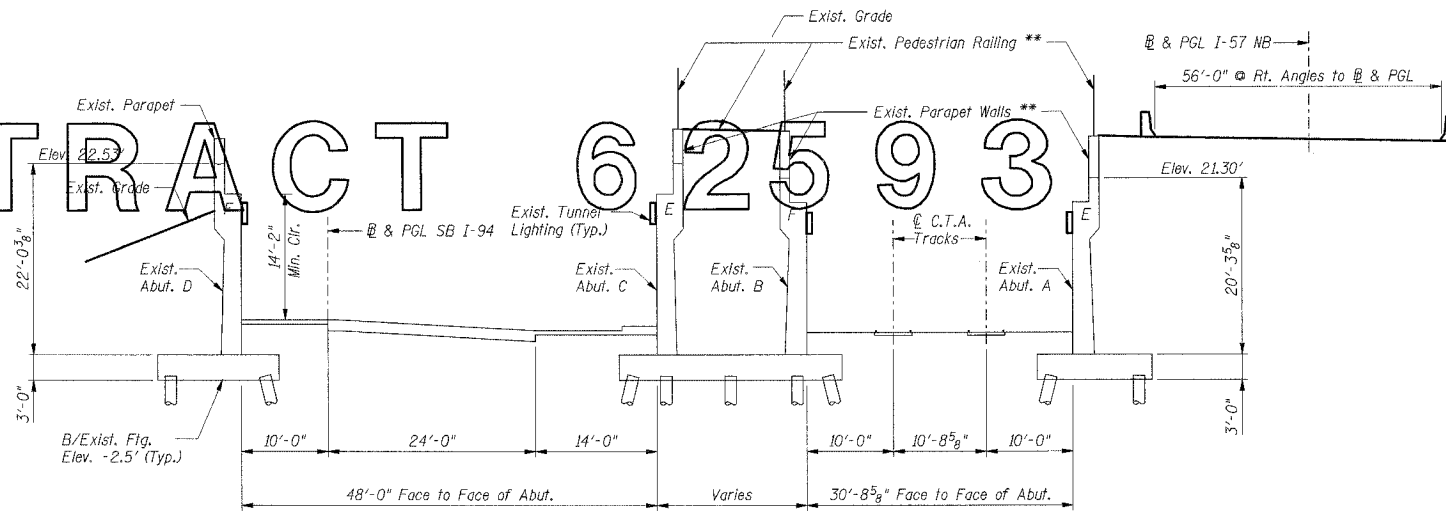
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	COOK	916	562A
STA.		TO STA.		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				
CONTRACT NO. 62304				
*(1516.1, 1717, & 1818) R-4				

FOR INFORMATION ONLY



THESE PLANS ~~SECTION A-A~~ INCLUDED IN

CONTRACT 62593



**SECTION B-B**

- NOTES:**
1. Work this sheet with sheet S-001.
  2. \*\* denotes existing elements constructed by others prior to abutment wall repair.

SHT. S-001A

REVISIONS	
NAME	DATE
ADDENDUM 1	05/08/06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. ROUTE 57 (INTERSTATE 57) OVER  
F.A.I. ROUTE I-94 SB & CTA TRACKS-BRIDGE REPAIRS  
SN 016-0073  
COOK COUNTY  
SECTION (1516.1, 1717, & 1818) R-4  
GENERAL SECTIONS

DATE: 05/08/06  
DRAWN BY: PJS  
CHECKED BY: MJK

**TENG**  
TENG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
202 N. MICHIGAN AVE., CHICAGO, IL 60601  
TELEPHONE: 312.614.0000

Added Sheet, JFS - 5/8/06

--ARBORDER.DGN --VPFDOWN\_LOAD --ARBORDER.DGN --NPFDOWN\_LOAD --VALT00YVSDGN --VR000YVSDGN --VTP000T46.DGN --SUR000YALDGN  
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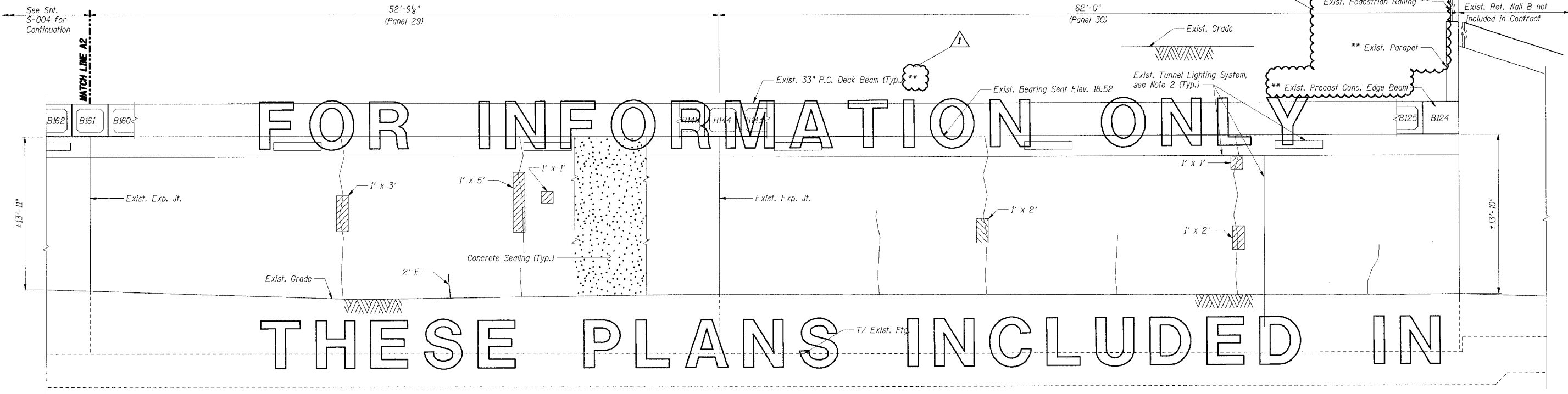








F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	COOK	916	566
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 62304				
*(1516.1, 1717, & 1818) R-4				



**INSIDE ELEVATION - ABUTMENT A  
(ALONG WORK LINE A)**

ABUTMENT A BILL OF MATERIAL		
Item	Unit	Total
Structural Repair Of Concrete (Depth Equal To Or Less Than 5")	Sq Ft	33
Epoxy Crack Sealing	Foot	26
Concrete Sealing	Sq Yd	453

**CONTRACT 6 2 5 9 3**

**LEGEND**  
  
 Structural Repair of Concrete (Depth equal to or less than 5")  
 Epoxy Crack Sealing  
 Halfrline Crack - Not to be sealed

- Notes:**
- Work this Sheet with Sheet S-004.
  - Existing Tunnel Lighting System shall be protected and maintained by the Contractor per the Special Provision for PROTECT AND MAINTAIN EXISTING CTA TUNNEL LIGHTING SYSTEM.
  - Concrete Sealer shall be applied to the abutment walls according to the Special Provision for Concrete Sealer.
  - Areas of repairs shown are estimated based upon inspection surveys conducted in 2004. The Engineer shall document actual locations and types of repairs on As-Built plans.
  - Date of Survey: February 2004  
I-94 Tunnel: July 2004
  - The Contractor shall coordinate work on C.T.A. property with the C.T.A. according to the Special Provisions.
  - Repairs to the tunnel walls and sealing of C.T.A. tunnel walls shall not be performed until waterproofing membrane installation has been completed by others.
  - \*\* denotes existing elements constructed by others prior to abutment wall repair.

SHT. S-005

REVISIONS	
NAME	DATE

ADDENDUM 1      05/08/06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. ROUTE 57 (INTERSTATE 57) OVER  
 F.A.I. ROUTE I-94 SB & CTA TRACKS-BRIDGE REPAIRS  
 SN 016-0073  
 COOK COUNTY  
 SECTION (1516.1, 1717, & 1818) R-4  
 ABUTMENT A  
 REPAIRS II

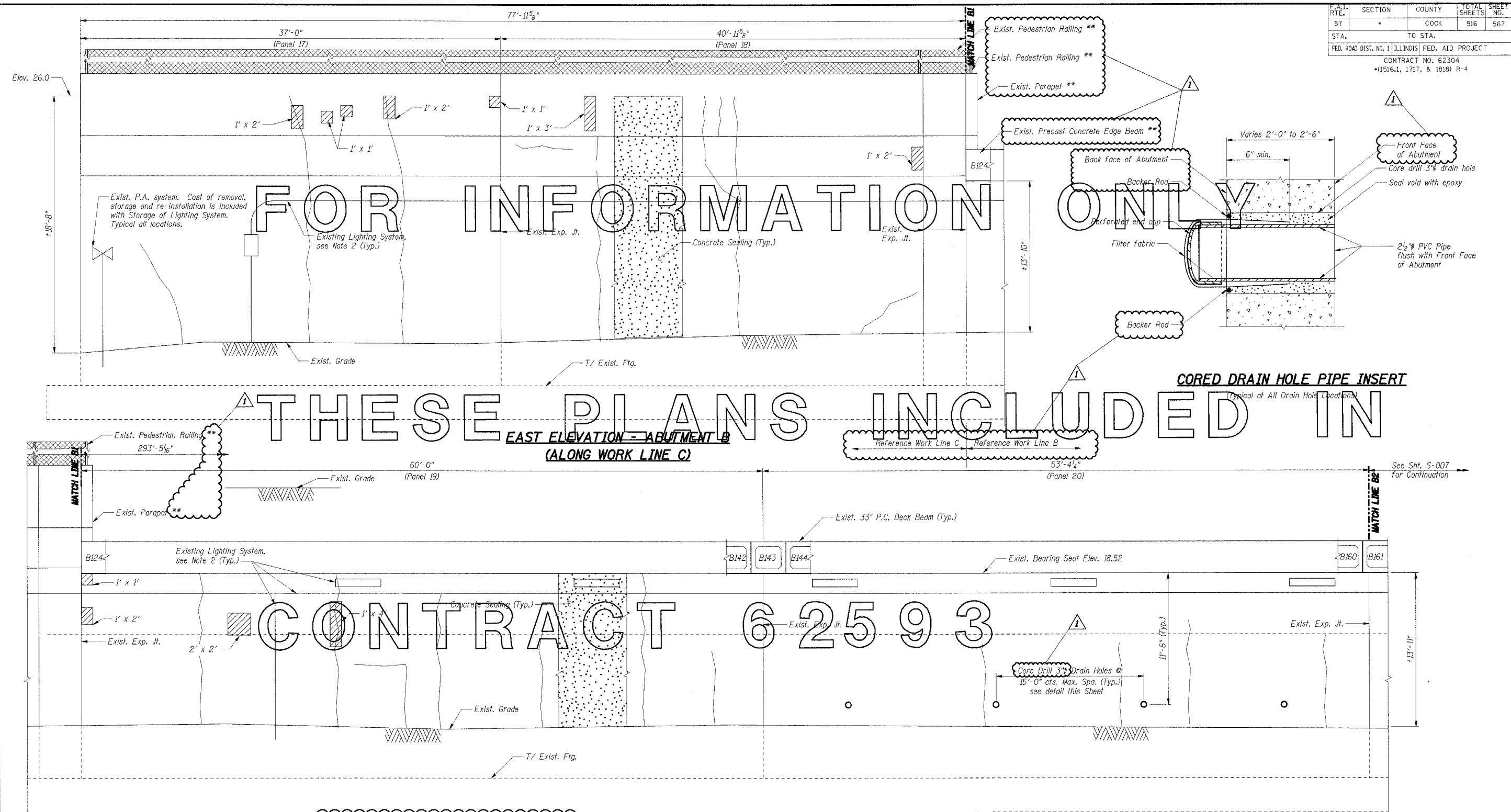
DATE: 05/08/06      DRAWN BY: VV  
 CHECKED BY: RDS

**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 205 N. MICHIGAN AVE., CHICAGO, IL 60601  
 TELEPHONE: 312.616.0000

Revised - JFS 5/8/06

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	COOK	916	567
STA. TO STA.				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 62304				
*(1516.1, 1717, & 1818) R-4				



SHT. S-006

REVISIONS	
NAME	DATE

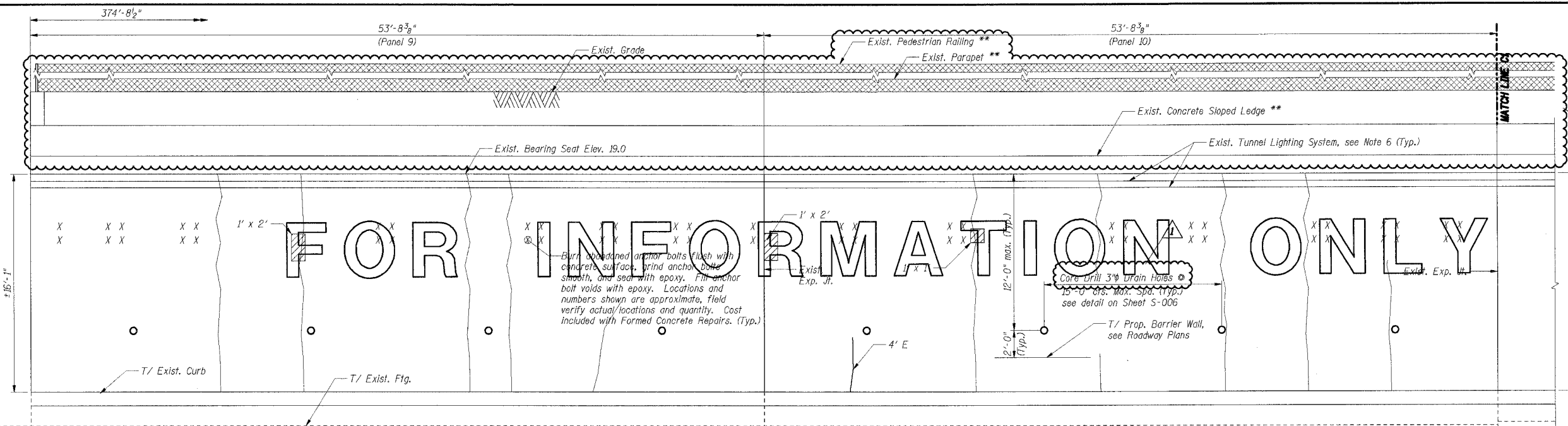
ADDENDUM 1 05/08/06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. ROUTE 57 (INTERSTATE 57) OVER  
 F.A.I. ROUTE I-94 SB & CTA TRACKS-BRIDGE REPAIRS  
 SN 016-0073  
 COOK COUNTY  
 SECTION (1516.1, 1717, & 1818) R-4  
 ABUTMENT B  
 REPAIRS I  
 DATE: 05/08/06  
 DRAWN BY: VV  
 CHECKED BY: RDS

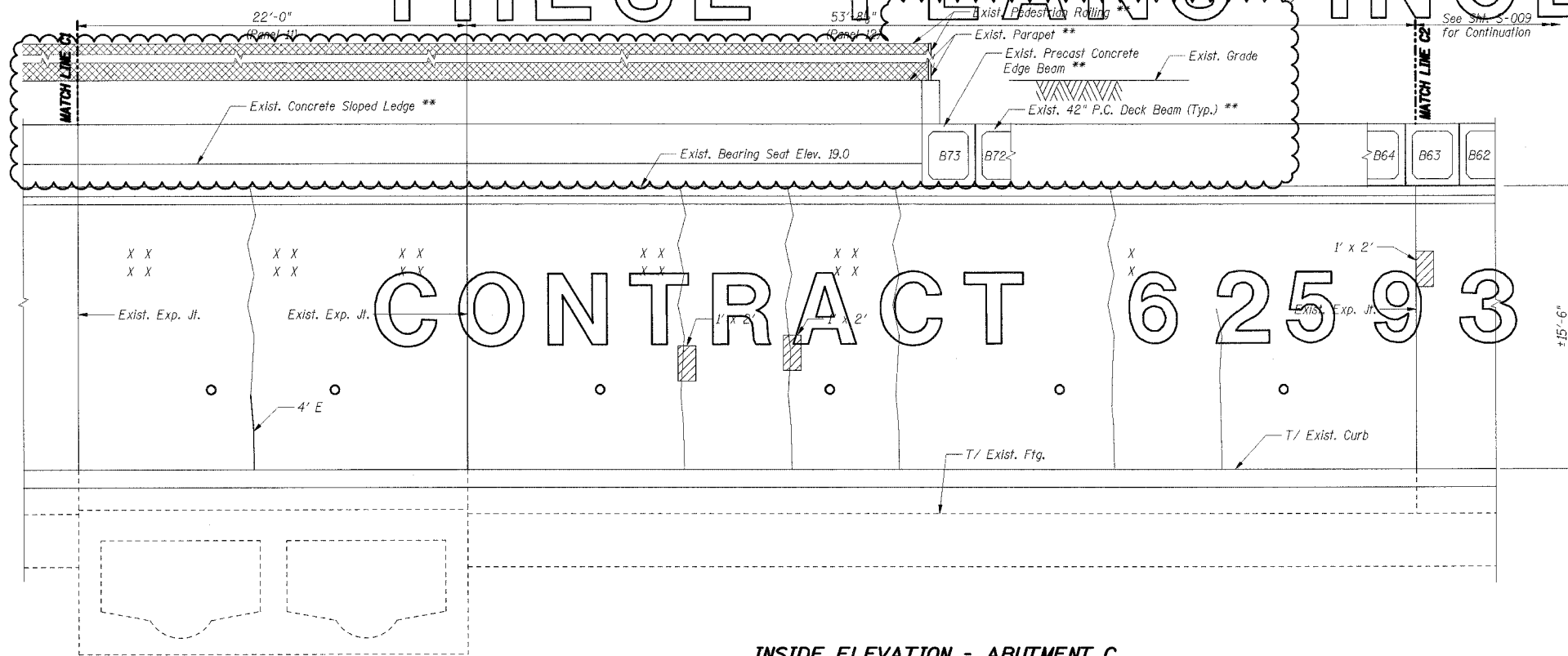
**TENG**  
 TENG & ASSOCIATES, INC.  
 BUSINESS ARCHITECTS/PLANNERS  
 205 N. MICHIGAN AVE., CHICAGO, IL 60601  
 TELEPHONE 312.616.0000

Revised - JFS 5/8/06





**THESE REPAIRS INCLUDED IN**



**INSIDE ELEVATION - ABUTMENT C  
(ALONG WORK LINE C)**

**LEGEND**

- Structural Repair of Concrete (Depth equal to or less than 5")
- Epoxy Crack Sealing
- Hairline Crack - Not to be sealed
- Abandoned anchor bolts or anchor bolt voids.

- Notes:**
1. Work this Sheet with Sheet S-009.
  2. Areas of repairs shown are estimated based upon inspection surveys conducted in 2004. The Engineer shall document actual locations and types of repairs on As-Built plans.
  3. Date of Survey  
I-94 Tunnel: February 2004  
CTA Tunnel: July 2004
  4. The Contractor shall coordinate work on C.T.A. property with the C.T.A. according to the Special Provisions.
  5. See Sheet S-009 for Bill of Material.
  6. Existing Tunnel Lighting System shall be protected and maintained by the Contractor per the Special Provision for PROTECT AND MAINTAIN EXISTING TUNNEL LIGHTING SYSTEM.
  7. Repairs to the tunnel walls shall not be performed until waterproofing membrane installation has been completed by others.
  8. \*\* denotes existing elements constructed by others prior to abutment wall repair.
  9. Wall surfaces repaired by Structural Repair of Concrete or Epoxy Crack Sealing methods shall be painted. Paint type and color shall match existing as approved by the Engineer. Paint application shall be in accordance with manufacturer's recommendations. The cost of paint materials and paint preparation and application shall be included with the cost of Structural Repair of Concrete.

SHT. S-008

REVISIONS	
NAME	DATE

ADDENDUM 1    05/08/06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. ROUTE 57 (INTERSTATE 57) OVER  
F.A.I. ROUTE I-94 SB & CTA TRACKS-BRIDGE REPAIRS  
SN 016-0073  
COOK COUNTY  
SECTION (1516.1, 1717, & 1818) R-4  
ABUTMENT C  
REPAIRS I

DRAWN BY: VV  
CHECKED BY: RDS

DATE: 05/08/06

**TENG**

TENG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
256 N. MICHIGAN AVE., CHICAGO, IL 60601  
TELEPHONE 312.646.0000

Revised - JFS 5/8/06

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 5-07-2006, 12:25:00  
 LEAC



































**SCHEDULE OF 33" P.P.C. DECK BEAMS**

Beam	L	a	b	c	d	e	bl	cl	dl
B203	34'-1"	11 1/4"	1'-7 1/4"	15'-6 1/2"	15'-6 1/2"	1'-4 3/4"			
B202	34'-1"	11 1/4"	1'-10"	15'-6 1/2"	15'-6 1/2"	1'-2"			
B201	34'-1"	11 1/4"	1'-3 3/8"	15'-6"	15'-6"	1'-9 5/8"	9 3/8"	9 7/8"	10 3/8"
B200	34'-1"	11 1/4"	1'-6"	15'-6"	15'-6"	1'-7"			
B199	34'-1"	11 1/4"	1'-8 1/2"	15'-6"	15'-6"	1'-4 1/2"			
B198	34'-1"	11 1/4"	11 1/4"	15'-6"	15'-5 3/4"	2'-2"	11 3/4"	11 3/4"	12"
B197	34'-1"	11 1/4"	1'-1 5/8"	15'-6"	15'-5 3/4"	1'-11 5/8"			
B196	34'-1"	11 1/4"	1'-3 7/8"	15'-6"	15'-5 3/4"	1'-9 3/8"			
B195	34'-1.5"	1'-0"	1'-6 1/4"	15'-6"	15'-5 3/4"	1'-7 1/2"			
B194	34'-1.5"	1'-0"	1'-8 3/8"	15'-6"	15'-5 3/4"	1'-5 3/8"			
B193	34'-1.5"	1'-0"	1'-10 3/8"	15'-6"	15'-5 3/4"	1'-3 3/8"			
B192	34'-1.5"	1'-0"	11 5/8"	15'-6 3/4"	15'-6 3/4"	2'-0 3/8"	1'-0 5/8"	11 7/8"	10 7/8"
B191	34'-1.5"	1'-0"	1'-1 3/8"	15'-6 3/4"	15'-6 3/4"	1'-10 5/8"			
B190	34'-1.5"	1'-0"	1'-3 1/8"	15'-6 3/4"	15'-6 3/4"	1'-8 7/8"			
B189	34'-1.5"	1'-0"	1'-4 3/4"	15'-6 3/4"	15'-6 3/4"	1'-7 1/4"			
B188	34'-1.5"	1'-0"	1'-6 1/4"	15'-6 3/4"	15'-6 3/4"	1'-5 3/4"			
B187	34'-1.5"	1'-0"	1'-7 3/4"	15'-6 3/4"	15'-6 3/4"	1'-4 1/4"			
B186	34'-1.5"	1'-0"	1'-9"	15'-6 3/4"	15'-6 3/4"	1'-3"			
B185	34'-1.5"	1'-0"	1'-10 1/4"	15'-6 3/4"	15'-6 3/4"	1'-1 3/4"			
B184	34'-2"	1'-1 1/4"	1'-11 3/4"	15'-6 3/4"	15'-6 3/4"	1'-0 3/4"			
B183	34'-2"	1'-1 1/4"	2'-0 3/4"	15'-6 3/4"	15'-6 3/4"	11 3/4"			
B182	34'-2"	1'-1 1/4"	1'-1"	15'-7 1/4"	15'-7 1/4"	1'-10 1/2"			
B181	34'-2"	1'-1 1/4"	1'-1 7/8"	15'-7 1/4"	15'-7 1/4"	1'-9 5/8"			
B180	34'-2"	1'-1 1/4"	1'-2 5/8"	15'-7 1/4"	15'-7 1/4"	1'-8 7/8"			
B179	34'-2"	1'-1 1/4"	1'-3 3/8"	15'-7 1/4"	15'-7 1/4"	1'-8 1/8"			
B178	34'-2"	1'-1 1/4"	1'-4"	15'-7 1/4"	15'-7 1/4"	1'-7 1/2"			
B177	34'-2"	1'-1 1/4"	1'-4 1/2"	15'-7 1/4"	15'-7 1/4"	1'-7"			
B176	34'-2.5"	1'-1 3/4"	1'-5 1/4"	15'-7 1/4"	15'-7 1/4"	1'-6 3/4"			
B175	34'-2.5"	1'-1 3/4"	1'-5 5/8"	15'-7 1/4"	15'-7 1/4"	1'-6 3/8"			
B174	34'-2.5"	1'-1 3/4"	1'-5 7/8"	15'-7 1/4"	15'-7 1/4"	1'-6 1/8"			
B173	34'-2.5"	1'-1 3/4"	1'-6"	15'-7 1/4"	15'-7 1/4"	1'-6"			
B172	34'-2.5"	1'-1 3/4"	1'-6 1/8"	15'-7 1/4"	15'-7 1/4"	1'-5 7/8"			
B171	34'-2.5"	1'-1 3/4"	1'-6 1/4"	15'-7 1/4"	15'-7 1/4"	1'-6"			
B170	34'-2.5"	1'-1 3/4"	1'-6"	15'-7 1/4"	15'-7 1/4"	1'-6"			
B169	34'-2.5"	1'-1 3/4"	1'-5 3/4"	15'-7 1/4"	15'-7 1/4"	1'-6 1/4"			
B168	34'-2"	1'-1 1/4"	1'-5 1/4"	15'-7 1/4"	15'-7 1/4"	1'-6 1/4"			
B167	34'-2"	1'-1 1/4"	1'-4 7/8"	15'-7 1/4"	15'-7 1/4"	1'-6 5/8"			
B166	34'-2"	1'-1 1/4"	1'-4 3/8"	15'-7 1/4"	15'-7 1/4"	1'-7 1/8"			
B165	34'-2"	1'-1 1/4"	1'-3 7/8"	15'-7 1/4"	15'-7 1/4"	1'-7 5/8"			
B164	34'-2"	1'-1 1/4"	1'-3 1/8"	15'-7 1/4"	15'-7 1/4"	1'-8 3/8"			
B163	34'-2"	1'-1 1/4"	1'-2 3/8"	15'-7 1/4"	15'-7 1/4"	1'-9 1/8"			
B162	34'-2"	1'-1 1/4"	1'-1 5/8"	15'-7 1/4"	15'-7 1/4"	1'-9 7/8"			
B161	34'-1.5"	1'-0"	1'-11 5/8"	15'-6 3/4"	15'-6 3/4"	1'-0 3/8"			
B160	34'-1.5"	1'-0"	1'-10 5/8"	15'-6 3/4"	15'-6 3/4"	1'-1 3/8"			
B159	34'-1.5"	1'-0"	1'-9 1/2"	15'-6 3/4"	15'-6 3/4"	1'-2 1/2"			
B158	34'-1.5"	1'-0"	1'-8 1/4"	15'-6 3/4"	15'-6 3/4"	1'-3 3/4"			
B157	34'-1.5"	1'-0"	1'-7"	15'-6 3/4"	15'-6 3/4"	1'-5"			
B156	34'-1.5"	1'-0"	1'-5 5/8"	15'-6 3/4"	15'-6 3/4"	1'-6 3/8"			
B155	34'-1.5"	1'-0"	1'-4 1/8"	15'-6 3/4"	15'-6 3/4"	1'-7 7/8"			
B154	34'-1.5"	1'-0"	1'-2 5/8"	15'-6 3/4"	15'-6 3/4"	1'-9 3/8"			
B153	34'-1.5"	1'-0"	1'-1"	15'-6 3/4"	15'-6 3/4"	1'-11"			
B152	34'-1.5"	1'-0"	11 1/4"	15'-6 3/4"	15'-6 3/4"	2'-0 3/4"	1'-0 7/8"	1'-0 5/8"	1'-0 3/8"
B151	34'-1"	11 1/4"	1'-10"	15'-6 1/2"	15'-6 1/2"	1'-4"			
B150	34'-1"	11 1/4"	1'-8"	15'-6 1/2"	15'-6 1/2"	1'-4"			
B149	34'-1"	11 1/4"	1'-6"	15'-6 1/2"	15'-6 1/2"	1'-6"			
B148	34'-1"	11 1/4"	1'-3 7/8"	15'-6 1/2"	15'-6 1/2"	1'-8 1/8"			
B147	34'-1"	11 1/4"	1'-1 3/4"	15'-6 1/2"	15'-6 1/2"	1'-10 1/4"			
B146	34'-1"	11 1/4"	11 3/8"	15'-6 1/2"	15'-6 1/2"	2'-0 5/8"			
B145	34'-1"	11 1/4"	2'-0 3/4"	15'-6 1/2"	15'-6 1/2"	11 3/4"			
B144	34'-1"	11 1/4"	1'-10 1/4"	15'-6 1/2"	15'-6 1/2"	1'-1 3/4"			
B143	34'-1"	11 1/4"	1'-7 5/8"	15'-6 1/2"	15'-6 1/2"	1'-4 3/8"			
B142	34'-1"	11 1/4"	1'-5"	15'-6 1/2"	15'-6 1/2"	1'-7"			
B141	34'-1"	11 1/4"	1'-2 1/4"	15'-6 1/2"	15'-6 1/2"	1'-9 3/4"			
B140	34'-1"	11 1/4"	11 3/8"	15'-6 1/2"	15'-6 1/2"	2'-0 5/8"	1'-0 1/2"	1'-0 1/2"	1'-0 1/2"
B139	34'-1"	11 1/4"	1'-9"	15'-6 1/2"	15'-6 1/2"	1'-3"			
B138	34'-1"	11 1/4"	1'-6"	15'-6 1/2"	15'-6 1/2"	1'-6"			
B137	34'-1"	11 1/4"	1'-2 7/8"	15'-6 1/2"	15'-6 1/2"	1'-9 1/8"			
B136	34'-1"	11 1/4"	11 5/8"	15'-6 1/2"	15'-6 1/2"	2'-0 3/8"	1'-1 1/4"	1'-1"	1'-1"
B135	34'-1"	11 1/4"	1'-9 5/8"	15'-6 1/4"	15'-6 1/2"	1'-2 1/2"			
B134	34'-1"	11 1/4"	1'-6 1/4"	15'-6 1/4"	15'-6 1/2"	1'-6"			
B133	34'-1"	11 1/4"	1'-2 3/4"	15'-6 1/4"	15'-6 1/2"	1'-9 3/8"			
B132	34'-1"	11 1/4"	11 1/4"	15'-6 1/4"	15'-6 1/2"	2'-1"	1'-1 1/2"	1'-1 1/4"	1'-0 5/8"
B131	34'-1"	11 1/4"	1'-9"	15'-6"	15'-6"	1'-4"			
B130	34'-1"	10 1/2"	1'-5 1/4"	15'-6"	15'-6"	1'-7 3/4"			
B129	34'-1"	10 1/2"	1'-1 3/8"	15'-6"	15'-6"	1'-11 5/8"	10"	10 3/4"	11 1/2"
B128	34'-1"	10 1/2"	1'-7 1/2"	15'-6 3/4"	15'-6 3/4"	1'-4"			
B127	34'-1"	10 1/2"	1'-3 1/2"	15'-6 3/4"	15'-6 3/4"	1'-8"			
B126	34'-1"	10 1/2"	11 1/4"	15'-6 7/8"	15'-6 3/4"	2'-0 1/8"	11 1/2"	10 7/8"	10 3/8"
B125	34'-1"	10 1/2"	1'-6 1/2"	15'-6 1/4"	15'-6 1/4"	1'-6"			
B124	34'-1.5"	10 1/2"	1'-2 3/8"	15'-6 1/4"	15'-6 1/4"	1'-10 5/8"			

**SCHEDULE OF 42" P.P.C. DECK BEAMS**

Beam(s)	L	a	b	c	d	e	f	bl	cl	dl	el
B73	51'-5.5"	1'-1"	1'-0 1/2"	16'-1 1/2"	16'-1 1/2"	16'-1 1/2"	2'-0 1/2"				
B72	51'-5.5"	1'-1"	1'-1"	16'-1 1/2"	16'-1 1/2"	16'-1 1/2"	2'-0"				
B71	51'-5.5"	1'-1"	1'-11 1/8"	16'-1 1/2"	16'-1 1/2"	16'-1 1/2"	1'-1 7/8"	-9 3/4"	-9 3/4"	-9 3/4"	-9 3/4"
B70	51'-5.5"	1'-1"	1'-11 5/8"	16'-1 1/2"	16'-1 1/2"	16'-1 1/2"	1'-1 3/8"				
B69	51'-5.5"	1'-1"	2'-0"	16'-1 1/2"	16'-1 1/2"	16'-1 1/2"	1'-1"				
B68	51'-5.5"	1'-1"	1'-1"	16'-1 1/2"	16'-2"	16'-1 1/2"	1'-11 1/2"	11 1/4"	11 1/4"	10 3/4"	10 3/4"
B67	51'-6"	1'-1 3/4"	1'-1 1/2"	16'-1 1/2"	16'-2"	16'-1 1/2"	1'-11 1/2"				
B66	51'-6"	1'-1 3/4"	1'-1 3/4"	16'-1 1/2"	16'-2"	16'-1 1/2"	1'-11 1/4"				
B65	51'-6"	1'-1 3/4"	1'-1 7/8"	16'-1 1/2"	16'-2"	16'-1 1/2"	1'-11 1/8"				
B64	51'-6"	1'-1 3/4"	1'-2"	16'-1 1/2"	16'-2"	16'-1 1/2"	1'-11"				
B63	51'-6"	1'-1 3/4"	1'-2"	16'-1 1/2"	16'-2"	16'-1 1/2"	1'-11"				
B62	51'-6"	1'-1 3/4"	1'-2"	16'-1 1/2"	16'-2"	16'-1 1/2"	1'-11"				
B61	51'-6"	1'-1 3/4"	1'-2"	16'-1 1/2"	16'-2"	16'-1 1/2"	1'-11"				
B60	51'-6"	1'-1 3/4"	1'-8 3/4"	16'-1 1/2"	16'-2 1/2"	16'-1 1/2"	1'-3 3/4"				
B59	51'-5.5"	1'-1"	1'-8 3/8"	16'-1 1/2"	16'-2 1/2"	16'-1 1/2"	1'-3 5/8"				
B58	51'-5.5"	1'-1"	1'-8 1/8"	16'-1 1/2"	16'-2 1/2"	16'-1 1/2"	1'-3 7/8"				
B57	51'-5.5"	1'-1"	1'-7 3/4"	16'-1 1/2"	16'-2 1/2"	16'-1 1/2"	1'-4 1/4"				
B56	51'-5.5"	1'-1"	1'-7 3/8"	16'-1 1/2"	16'-2 1/2"	16'-1 1/2"	1'-4 5/8"				
B55	51'-5.5"	1'-1"	1'-7"	16'-1 1/2"	16'-2 1/2"	16'-1 1/2"	1'-5"				
B54	51'-5.5"	1'-1"	1'-6 1/2"	16'-1 1/2"	16'-2 1/2"	16'-1 1/2"	1'-5 1/2"				
B53	51'-5.5"	1'-1"	1'-6"	16'-1 1/2"	16'-2 1/2"	16'-1 1/2"	1'-6"				
B52	51'-5.5"	1'-1"	1'-5 3/8"	16'-1 1/2"	16'-2 1/2"	16'-1 1/2"	1'-6 5/8"				
B51	51'-5.5"	1'-1"	1'-4 3/4"	16'-1 1/2"	16'-2 1/2"	16'-1 1/2"	1'-7 1/4"				
B50	51'-5.5"	1'-1"	1'-4"	16'-1 1/2"	16'-2 1/2"	16'-1 1/2"	1'-8"				
B49	51'-5.5"	1'-1"	1'-3 3/4"	16'-1 1/2"	16'-2 1/2"	16'-1 1/2"	1'-8 3/4"				
B48	51'-5.5"	1'-1"	1'-2 1/2"	16'-1 1/2"	16'-2 1/2"	16'-1 1/2"	1'-9 1/2"				
B47	51'-5"	1'-0"	1'-1 3/8"	16'-1 1/2"	16'-2 1/2"	16'-1 1/2"	1'-10 1/8"				
B46	51'-5"	1'-0"	1'-0 3/4"	16'-1 1/2"	16'-2 1/2"	16'-1 1/2"	1'-11 1/8"	11 5/8"	11 5/8"	10 5/8"	10 5/8"
B45	51'-5"	1'-0"	1'-11"	16'-1 1/2"	16'-1 1/2"	16'-1 1/2"	1'-1 1/2"				
B44	51'-5"	1'-0"	1'-10"	16'-1 1/2"	16'-1 1/2"	16'-1 1/2"	1'-2 1/2"				
B43	51'-5"	1'-0"	1'-8 7/8"	16'-1 1/2"	16'-1 1/2"	16'-1 1/2"	1'-3 5/8"				
B42	51'-5"	1'-0"	1'-7 3/4"	16'-1 1/2"	16'-1 1/2"	16'-1 1/2"	1'-4 3/4"				
B41	51'-5"	1'-0"	1'-6 1/2"	16'-1 1/2"	16'-1 1/2"	16'-1 1/2"	1'-6"				
B40	51'-5"	1'-0"	1'-5 1/4"	16'-1 1/2"	16'-1 1/2"	16'-1 1/2"	1'-7 1/4"				
B39	51'-5"	1'-0"	1'-3 7/8"	16'-1 1/2"	16'-1 1/2"	16'-1 1/2"	1'-8 5/8"				
B38	51'-5"	1'-0"	1'-2 1/2"	16'-1 1/2"	16'-1 1/2"	16'-1 1/2"	1'-10"				
B37	51'-5"	1'-0"	1'-1 1/8"	16'-1 1/2"	16'-1 1/2"	16'-1 1/2"	1'-11 3/8"				
B36	51'-5"	1'-0"	11 5/8"	16'-1 1/2"	16'-1 1/2"	16'-1 1/2"	2'-0 1/8"				
B35	51'-5"	1'-0"	1'-11"	16'-1 1/2"	16'-2"	16'-1 1/2"	1'-1"				
B34	51'-5"	1'-0"	1'-9 3/8"	16'-1 1/2"	16'-2"	16'-1 1/2"	1'-2 5/8"				
B33	51'-5"	1'-0"	1'-7 3/4"	16'-1 1/2"	16'-2"	16'-1 1/2"	1'-4 1/4"				









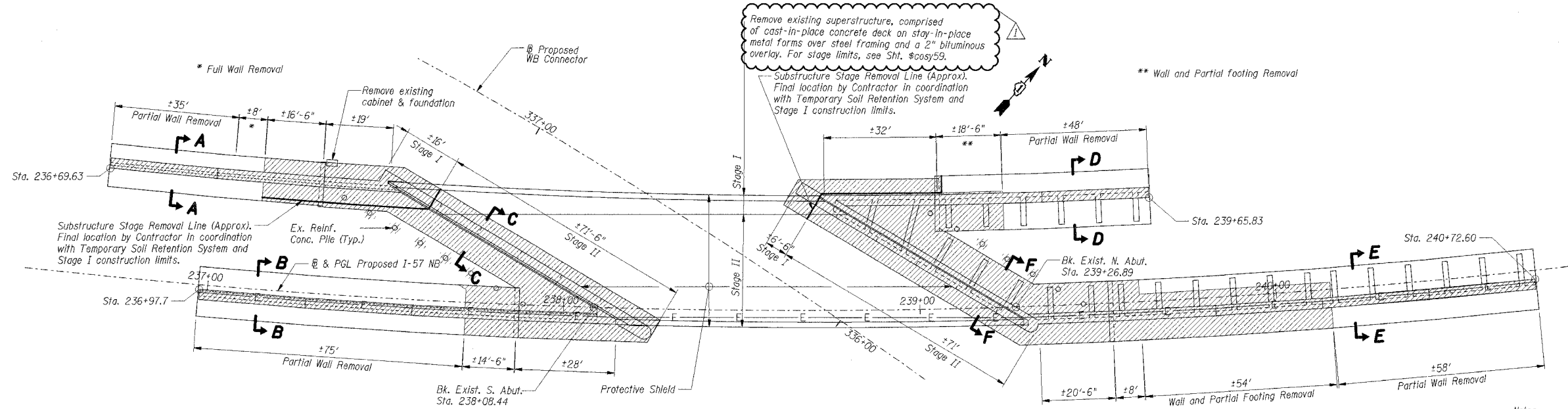








F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	COOK	916	581
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62304 *(1516.1, 1717, & 1818) R-4				



**REMOVAL PLAN**

**LEGEND**

- Substructure removal
- Reinforced concrete pile removal
- E- Exist. electrical conduit (abandon)

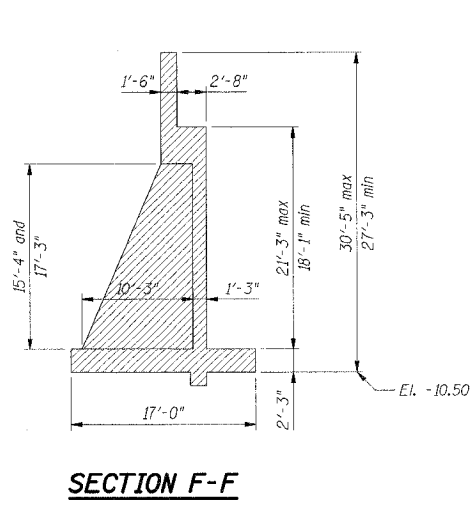
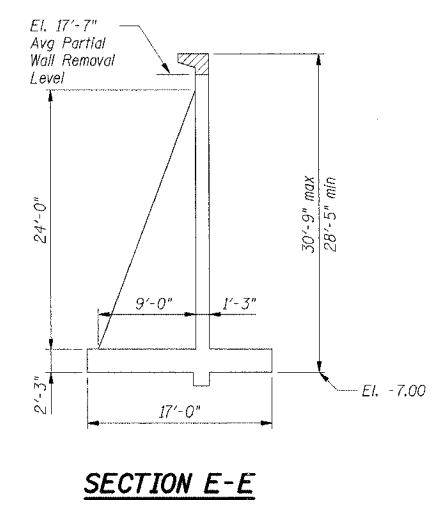
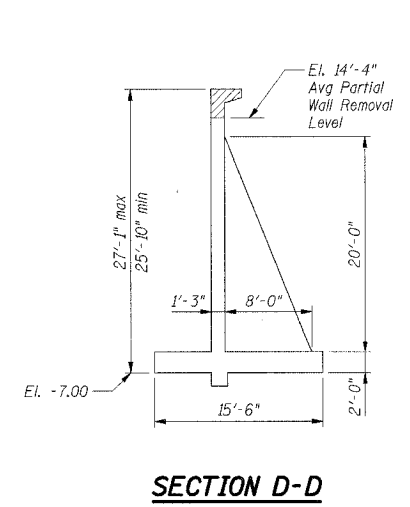
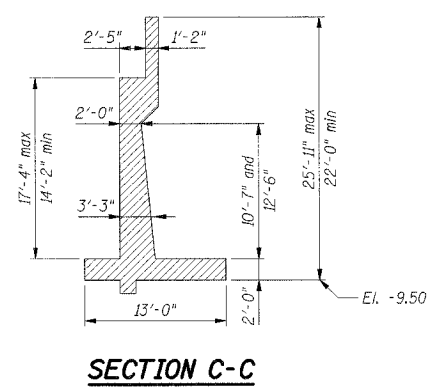
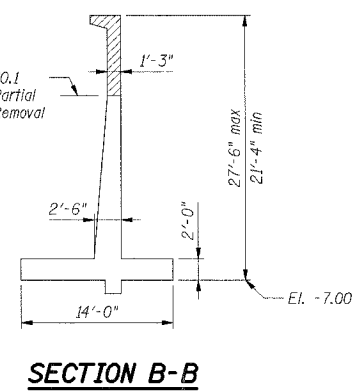
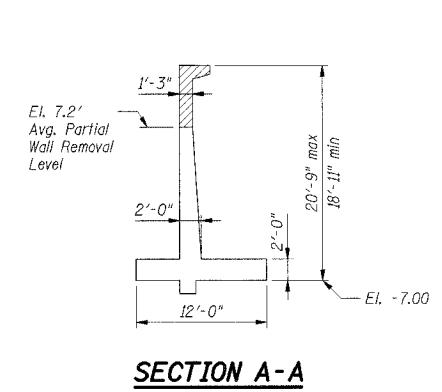
- Notes:*
1. For Temporary Soil Retention System, see Shts. #spdybe to #spdybi.
  2. All removal work included with Removal of Existing Structures. The removal limits and dimensions shown are for Information. They are based on Standard Specifications and are consistent with the Temporary Soil Retention System concept given in these plans. The final removal limits shall be according to Standard Specification section 501.
  - 3.

BILL OF MATERIAL		
Item	Unit	Total
Removal of Existing Structures	L Sum	1
Protective Shield	Sq Yd	445

*For Information Only:*  
The work included in Removal of Existing Structures includes the following estimated component quantities:

Item	Unit	Quantity
Concrete Bridge Deck & Barrier	Cu yd	119
2" Bituminous Overlay	Cu yd	24
Steel Superstructure	lb	263,988
Concrete Walls & Footings	Cu yd	1145
Excavation	Cu yd	*

\* The Structure Excavation quantities given in the abutment and retaining wall sheets have been calculated in accordance with the Standard Specification for Structure Excavation, without deduction for excavation which will be completed in conjunction with Removal of Existing Structures. The excavation quantity required for structure removal, and not covered in the Structure Excavation quantities, is included with Removal of Existing Structures, and has not been tabulated.



REVISIONS	
NAME	DATE

DRAWN BY: RDS  
CHECKED BY: TCU

DATE: 05/08/06

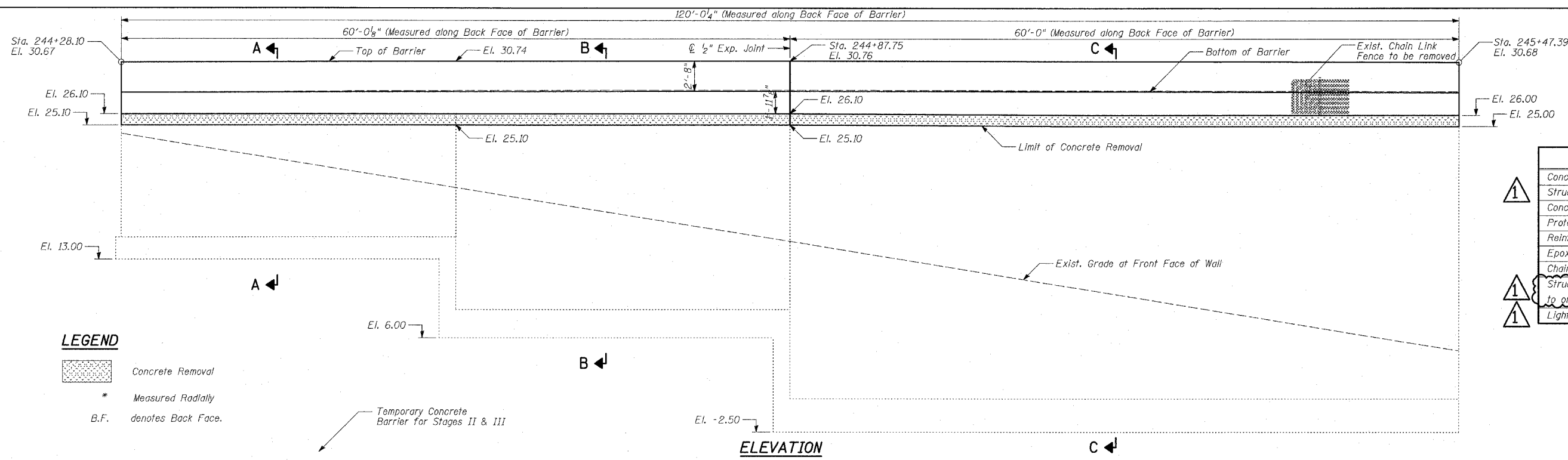
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. ROUTE 57 (INTERSTATE 57)  
I-57 NB OVER WB CONNECTOR  
SN 016-0072 OLD, SN 016-2852 NEW  
STA. 238+73.54  
COOK COUNTY, SECTION (1516.1, 1717, & 1818) R-4  
STRUCTURE REMOVAL

ADDENDUM 1	05/08/06
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**TENG**  
Revised 05/08/2006, BGR



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	916	633
STA. 190+65 (NB I-57) TO STA. 2316+00 (NB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717, & 1818) R-4 62304				

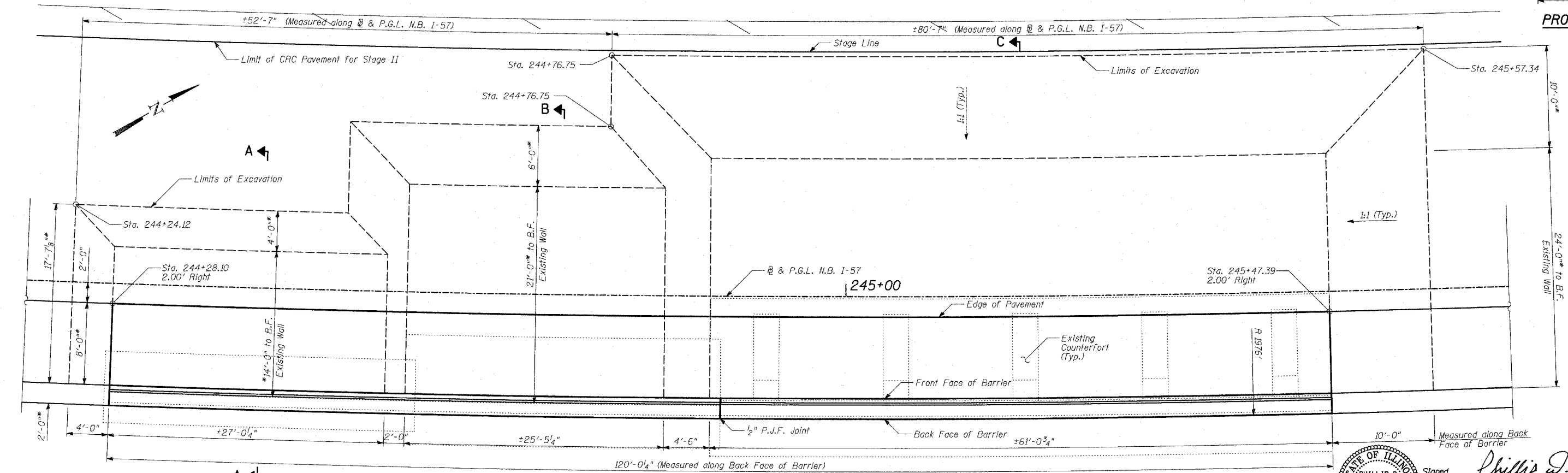
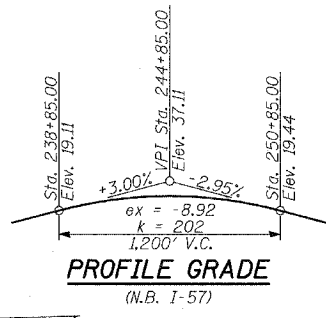


**TOTAL BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Concrete Removal	CU YD	5
Structure Excavation	CU YD	861
Concrete Structures	CU YD	85
Protective Coat	SQ YD	241
Reinforcement Bars, Epoxy Coated	POUND	16,800
Epoxy Crack Sealing	FOOT	100
Chain Link Fence Removal	FOOT	120
Structural Repair of Concrete (Depth Equal to or less than 5 in.)	SQ FT	10
Lightweight Cellular Concrete Fill	CU YD	968

**LEGEND**

- Concrete Removal
- \* Measured Radially
- B.F. denotes Back Face.



**GENERAL NOTES:**

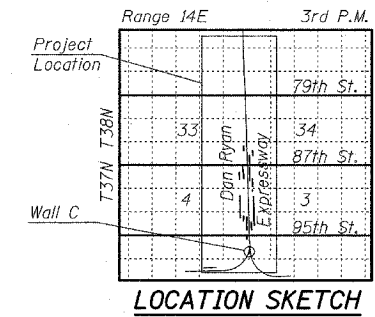
1. Reinforcement bars shall conform to the requirements of AASHTO M31 or M322 Grade 60.
2. Protective Coat shall be applied to exposed surfaces of the concrete facing. See Section on D-D Sheet 3 of 4.
3. Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work; however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
4. Existing utilities in conflict with retaining wall reconstruction shall be abandoned or relocated according to directions given on the roadway plans.
5. All elevations shown are based on the Chicago City Datum of 0.00, which is 579.19 feet above mean tide New York. (NAVD 88)
6. It is the Contractor's responsibility to locate the existing Counterforts. Any repairs due to the damage of the Counterforts during excavation shall be the Contractor's responsibility.

7. Place Lightweight Cellular Concrete Fill in lifts not exceeding 2 feet. The material shall be placed to prevent segregation.
8. The finished surface of the Lightweight Cellular Concrete Fill shall be primed with bituminous primer. Cost included with "Lightweight Cellular Concrete Fill".
9. Coordinate staging with civil plans.

**DESIGN SPECIFICATION**  
AASHTO 2002 Standard Specifications for Highway Bridges

**DESIGN STRESSES**  
**FIELD UNITS**  
f'c = 3,500 psi  
fy = 60,000 psi (Reinforcement)

**TYLIN INTERNATIONAL**



Signed *Phillip D. Frey*  
PHILLIP D. FREY  
081-004826  
CHICAGO, ILLINOIS  
Professional Engineer  
Ill. Lic. No. 081-004826  
Expires 11-30-2006

Date 3/7/06

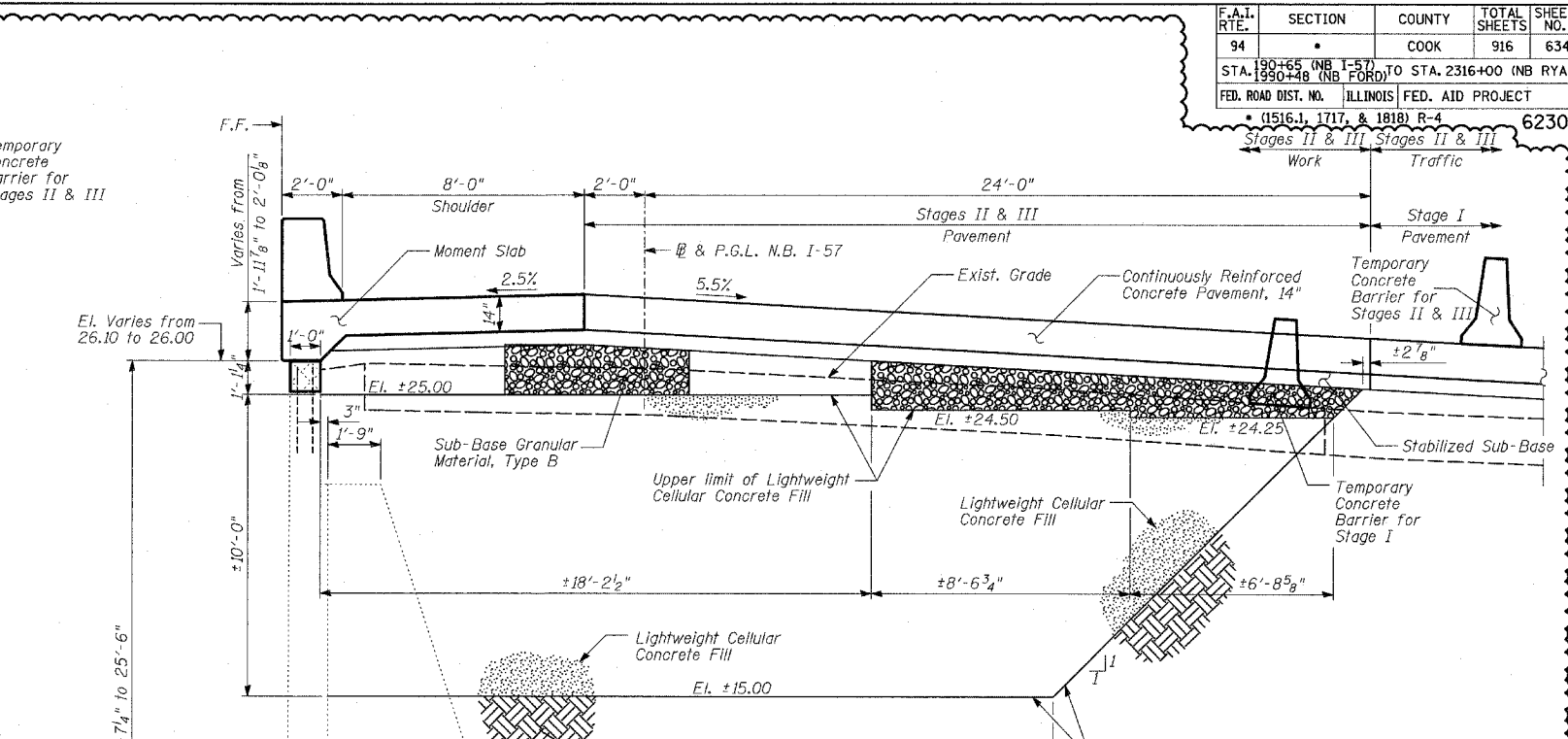
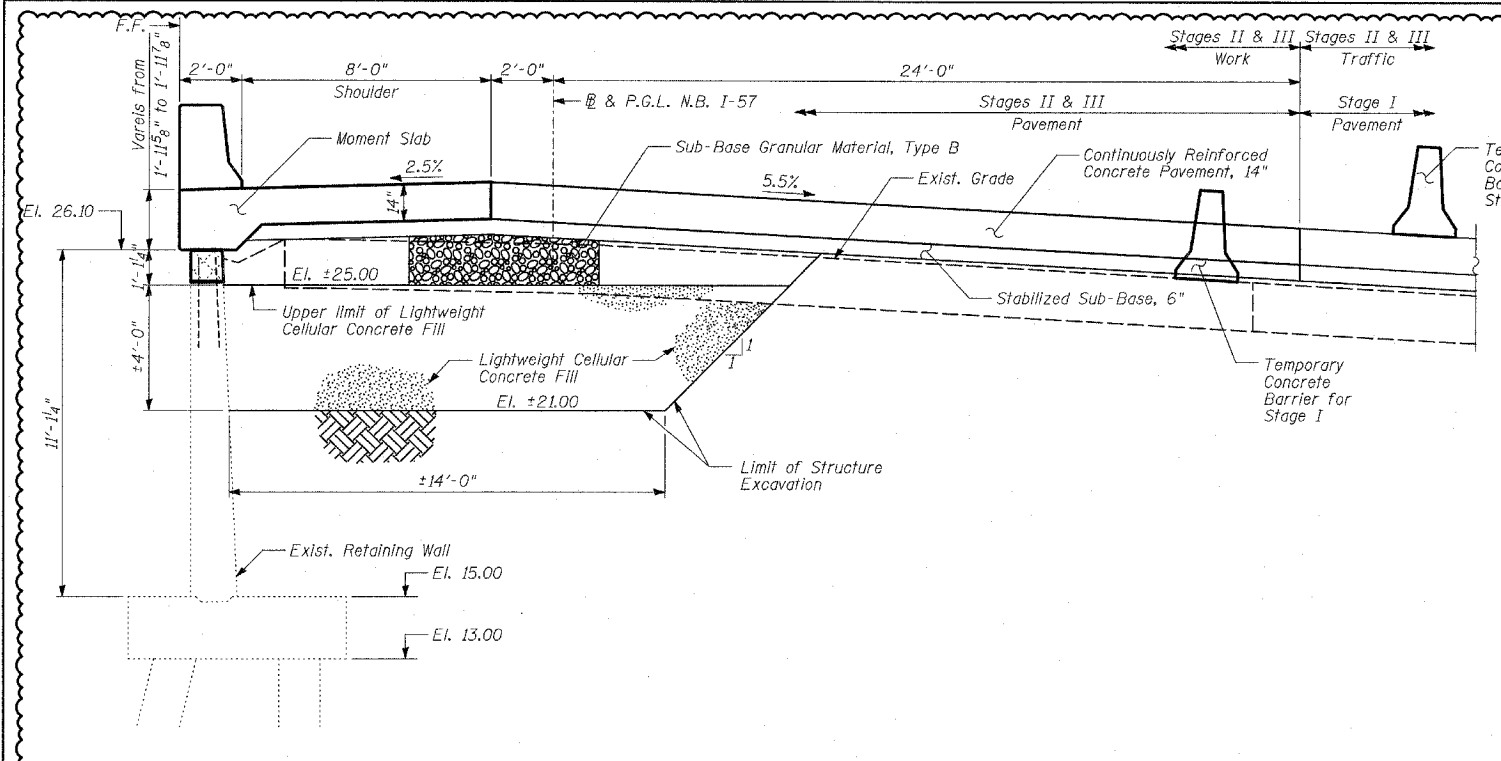
For drawings 1 thru 4 of 4

REVISIONS	
NAME	DATE

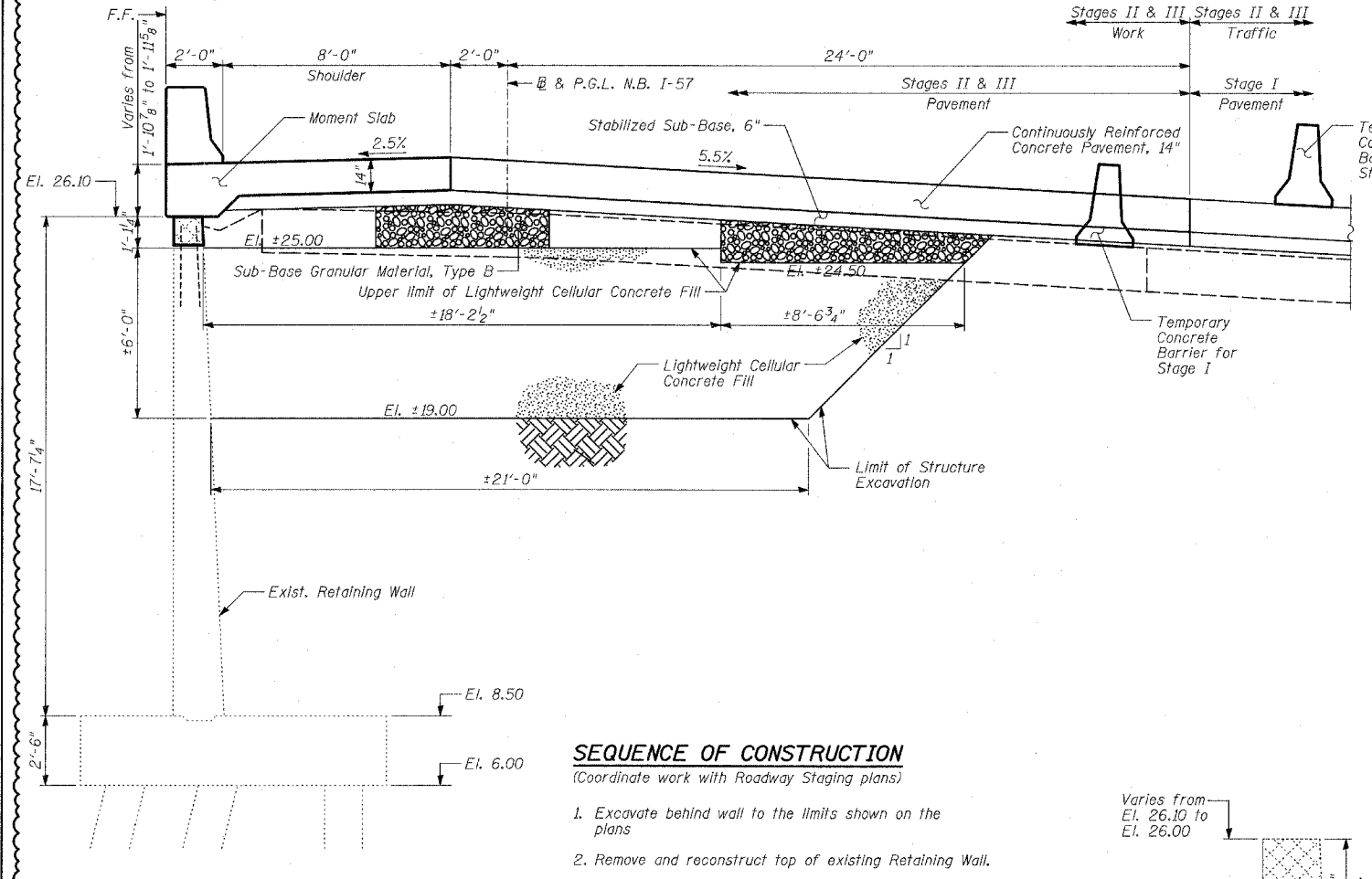
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)

**WALL C MODIFICATIONS**  
**GENERAL PLAN AND ELEVATION**  
**STA. 244+28.10 TO STA. 245+47.39**

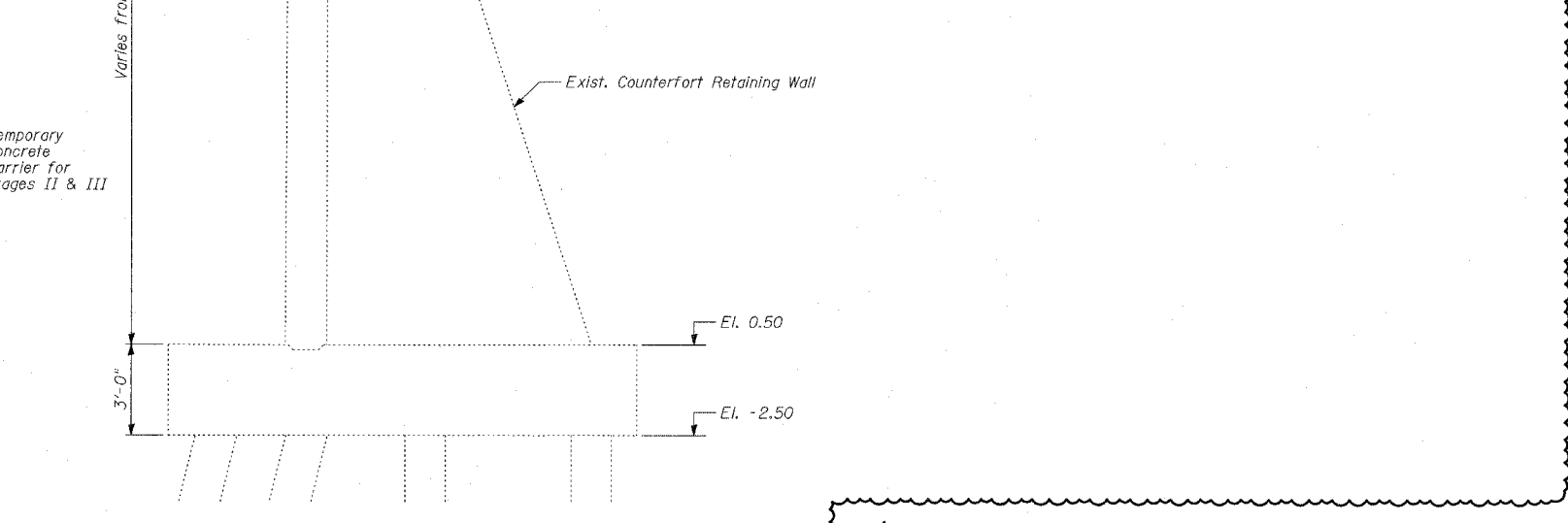
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DATE: MARCH 7, 2006 CHECKED BY: MI



**SECTION A-A**  
(Looking South)

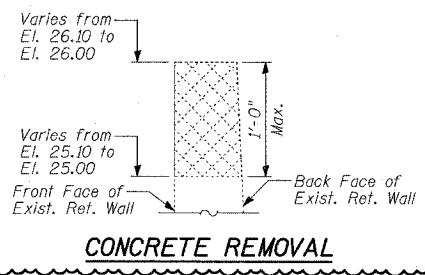


**SECTION C-C**  
(Looking South)



**SEQUENCE OF CONSTRUCTION**  
(Coordinate work with Roadway Staging plans)

1. Excavate behind wall to the limits shown on the plans
2. Remove and reconstruct top of existing Retaining Wall.
3. Backfill with approved Lightweight Cellular Concrete Fill in lifts not exceeding two (2) feet.
4. Place Sub-Base Granular Material, Type B, Stabilized Sub-Base and construct Moment Slab and Parapet.
5. Construct Pavement.



**BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Concrete Removal	CU YD	5
Structure Excavation	CU YD	861
Lightweight Cellular Concrete Fill	CU YD	968

**NOTES:**

1. Lightweight Cellular Concrete Fill shall be placed in layers not exceeding 2 feet in thickness.

**LEGEND**

- Concrete Removal
- F.F. denotes Front Face of Wall.

**REVISIONS**

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)

**WALL C MODIFICATIONS**  
**SECTIONS AND DETAILS**

S.N. \_\_\_\_\_ DESIGNED BY: TD, DJR  
SCALE: \_\_\_\_\_ DRAWN BY: DJR  
DATE: MARCH 7, 2006 CHECKED BY: MI

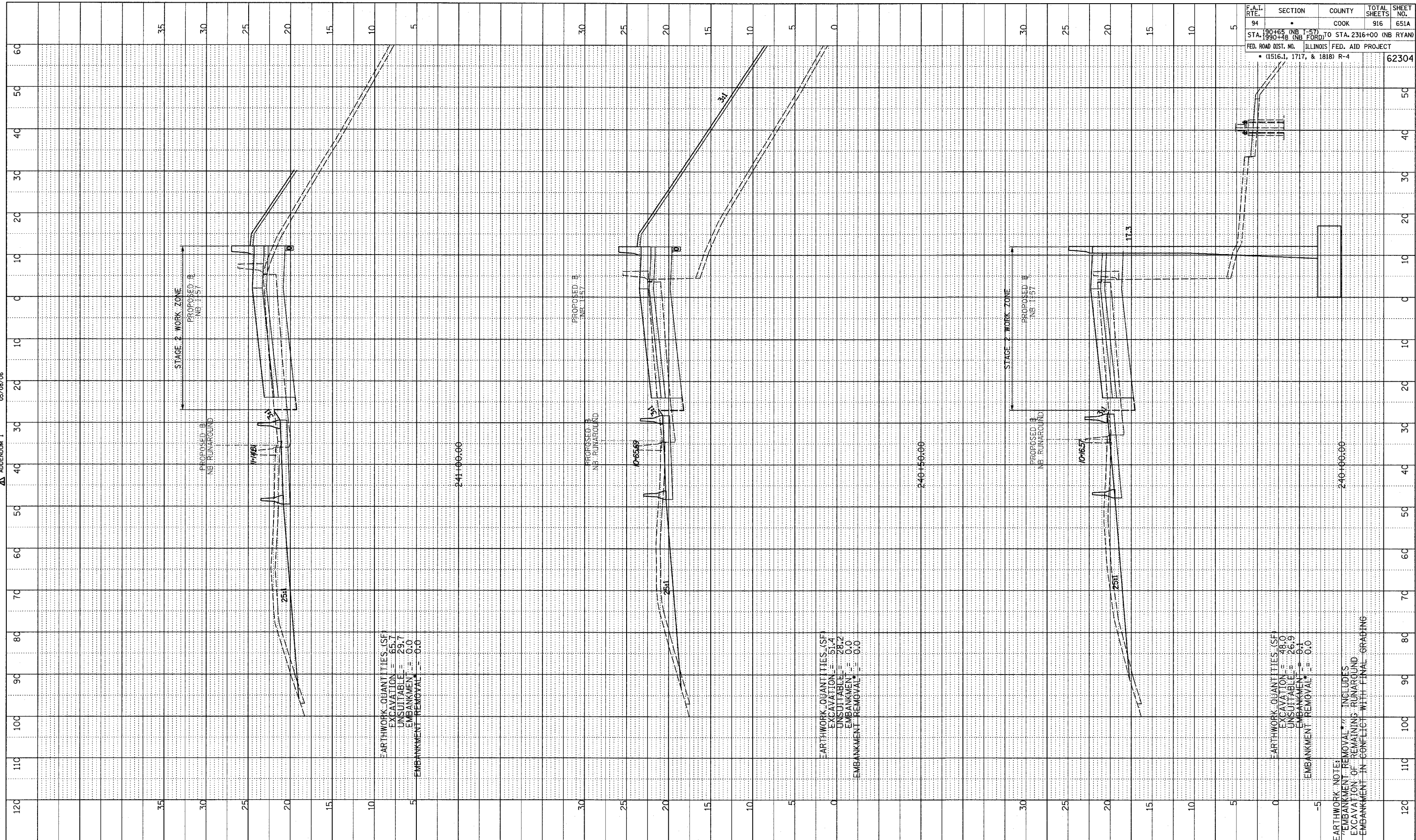
ADDENDUM 1 05/08/06





PROFILE SERVEYED \_\_\_\_\_ BY \_\_\_\_\_ DATE \_\_\_\_\_  
 GRADES CHECKED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_

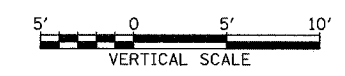
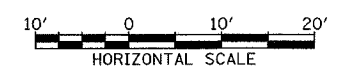
APPENDIX 1  
 05/08/06



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	90+65 (NB I-57)	COOK	916	651A
	STA. 1990+48 (NB FORD)			TO STA. 2316+00 (NB RYAN)
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
	(1516.1, 1717, & 1818) R-4			62304

TYLIN INTERNATIONAL

NEW SHEET



NORTHBOUND I-57 (STAGE 2 RUNAROUND)  
 STA. 240+00 TO STA. 241+00

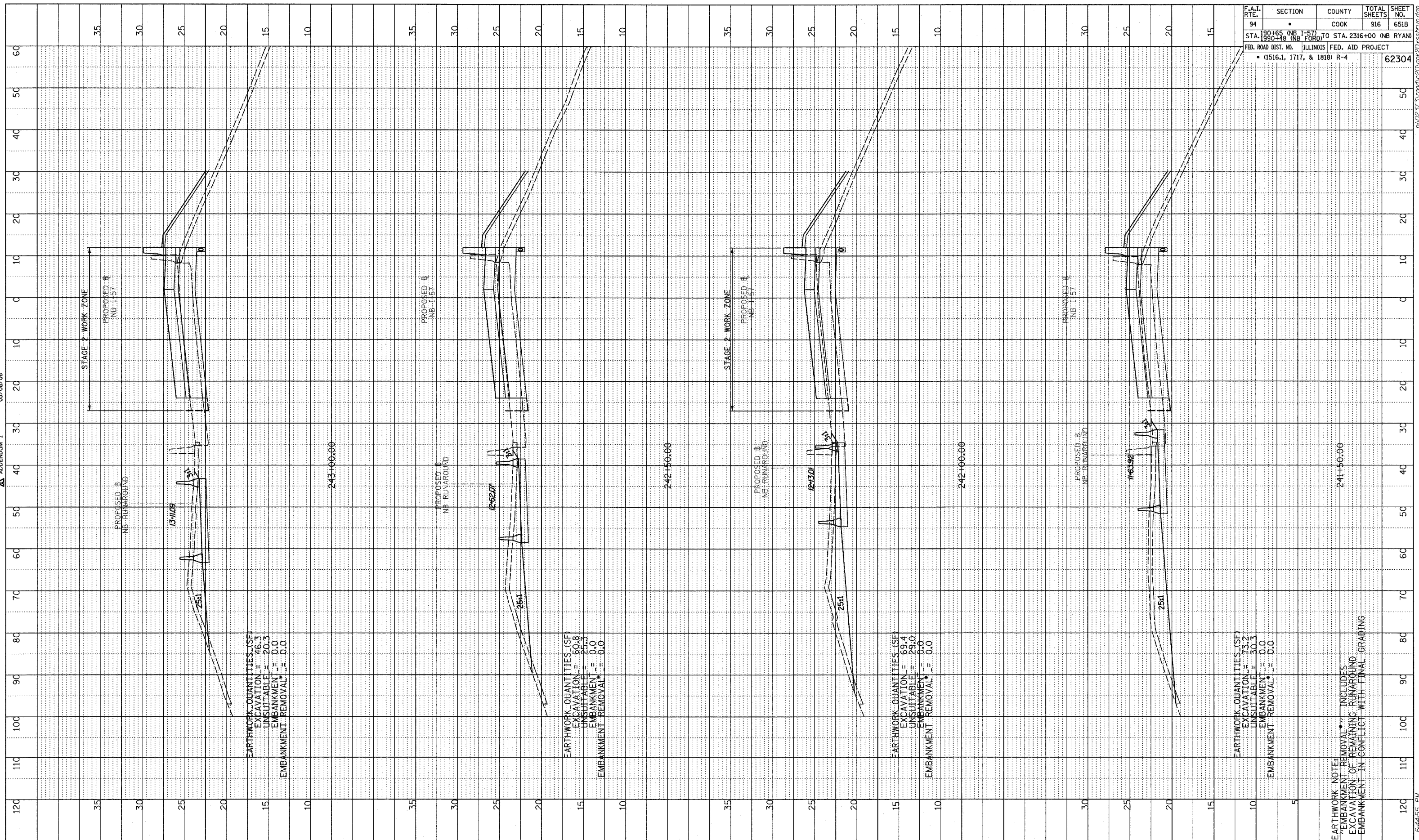
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 EMBANKMENT REMOVAL \*\* INCLUDES  
 EXCAVATION OF REMAINING RUNAROUND  
 EMBANKMENT IN CONFLICT WITH FINAL GRADING

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PROFILE SUBMITTED  
 DATE  
 BT  
 PLOTTED  
 DATE  
 NO. 1  
 STRUCTURE NOTATION CHD

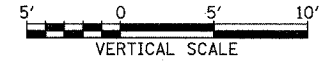
APPENDIX 1  
 05/08/06

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	916	651B
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717, & 1818) R-4				
				62304



TYLIN INTERNATIONAL

NEW SHEET



NORTHBOUND I-57 (STAGE 2 RUNAROUND)  
 STA. 241+50 TO STA. 243+00

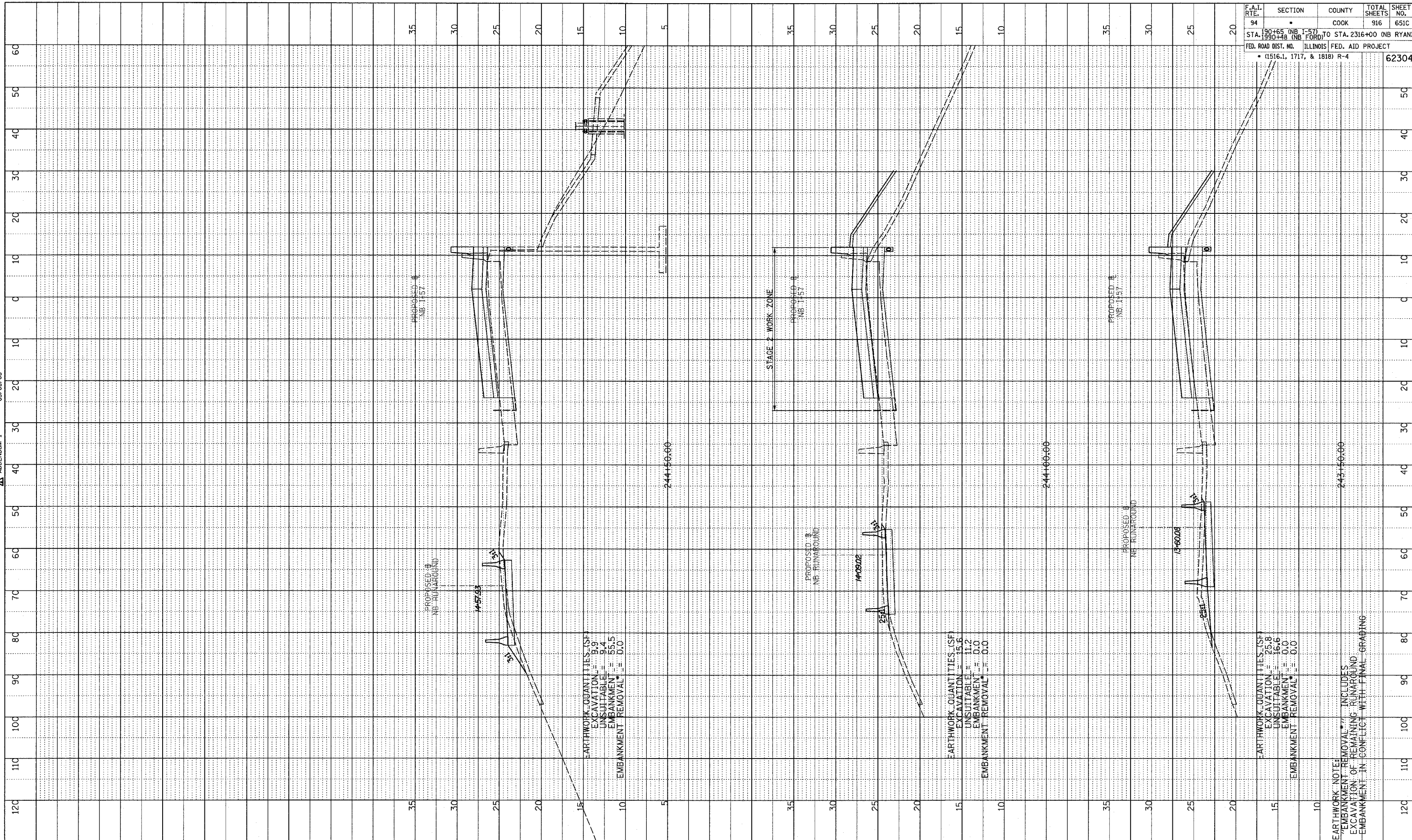
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 EXCAVATION OF REMAINING RUNAROUND  
 EMBANKMENT IN CONFLICT WITH FINAL GRADING

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PROFILE SIGNED BY: \_\_\_\_\_ DATE: 05/08/06  
 PLOTTED BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 NO. \_\_\_\_\_  
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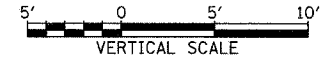
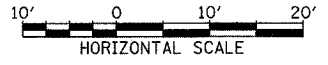
ADDENDUM 1



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717, & 1818) R-4				
				62304

TYLIN INTERNATIONAL

NEW SHEET



NORTHBOUND I-57 (STAGE 2 RUNAROUND)  
STA. 243+50 TO STA. 244+50

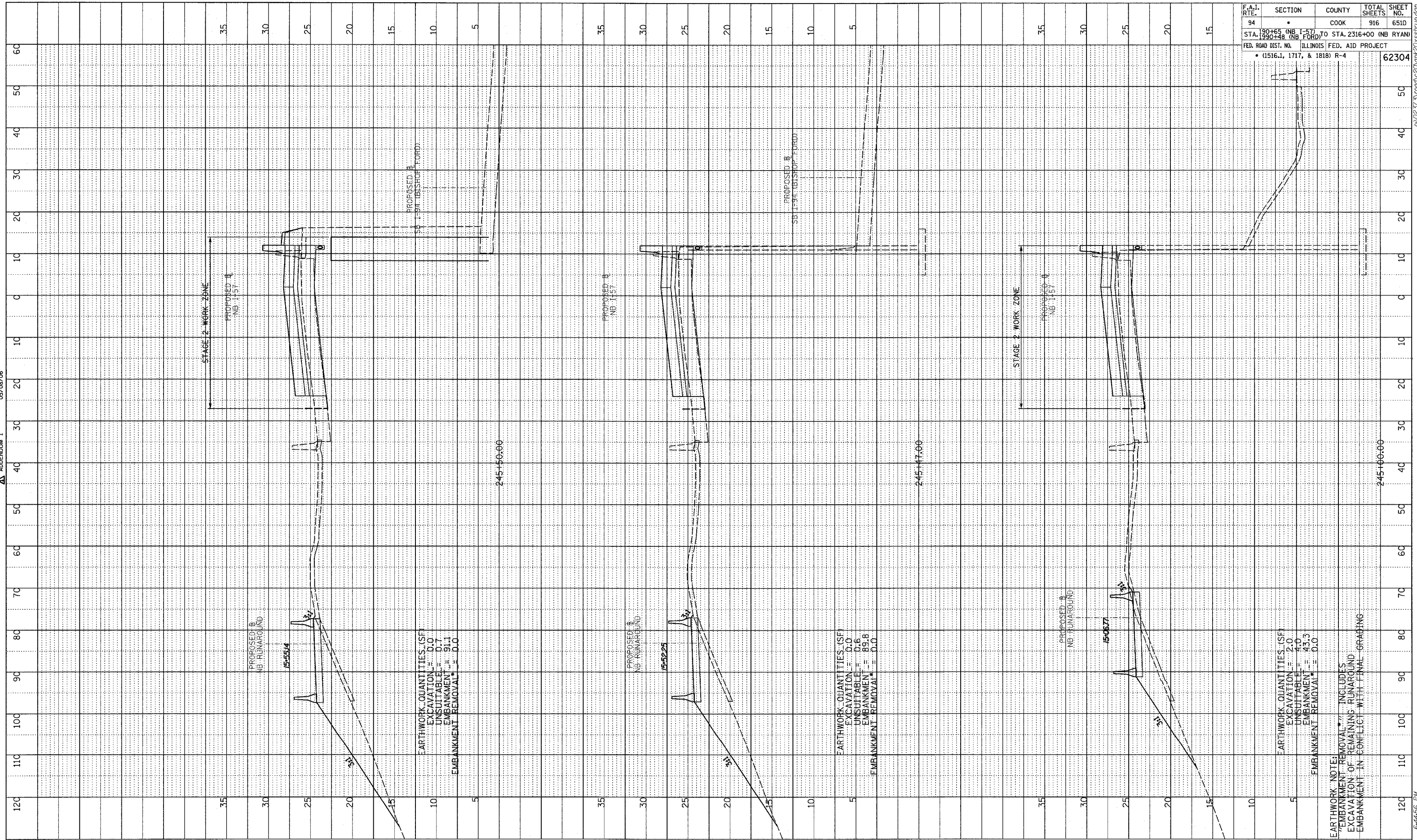
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 DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 PLOTTED  
 CHECKED  
 STRUCTURE NOTATIONS OK'D

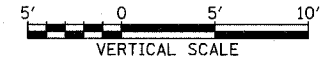
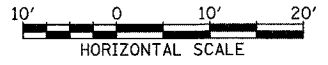
APPENDUM 1  
 05/08/06

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT • (1516.1, 1717, & 1818) R-4				



TYLIN INTERNATIONAL

NEW SHEET



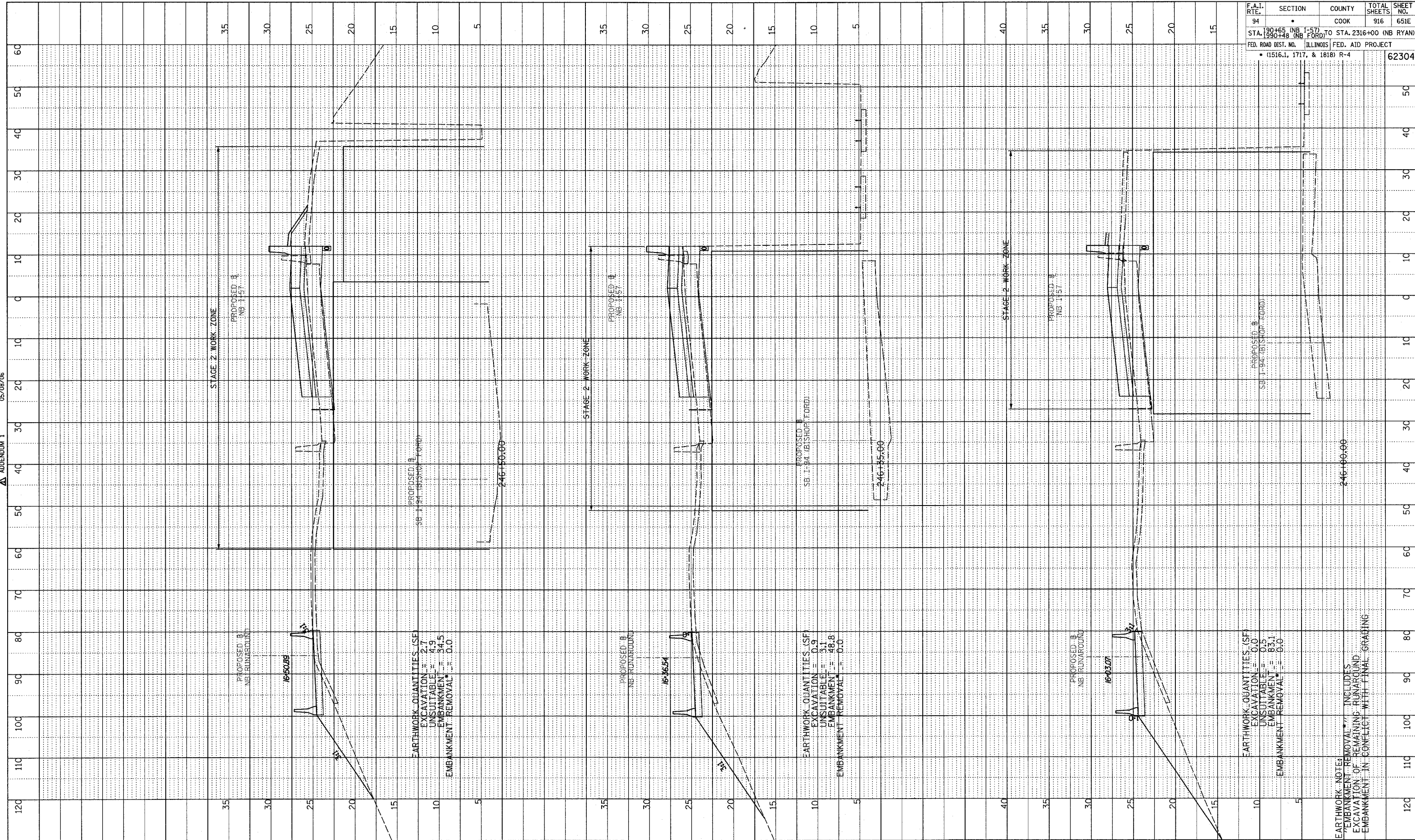
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ADDENDUM 1

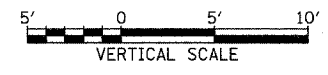
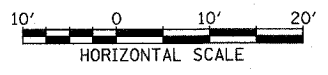


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	916	651E
STA. 190+65 (NB I-57) TO STA. 2316+00 (NB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717, & 1818) R-4				
				62304

TYLIN INTERNATIONAL



NEW SHEET



NORTHBOUND I-57 (STAGE 2 RUNAROUND)  
 STA. 246+00 TO STA. 246+50

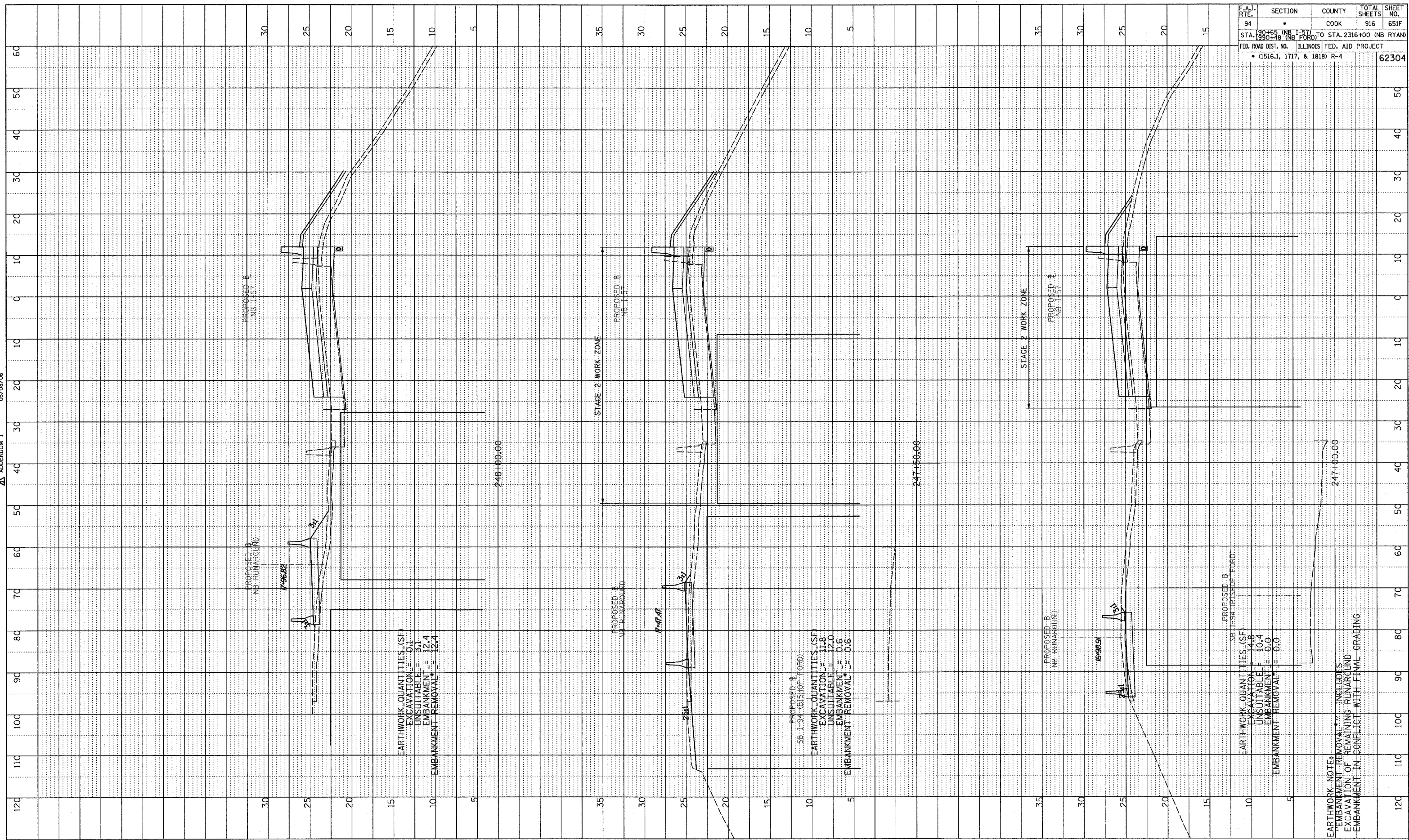
EARTHWORK NOTE:  
 EMBANKMENT REMOVAL INCLUDES  
 EXCAVATION OF REMAINING RUNAROUND  
 EMBANKMENT IN CONFLICT WITH FINAL GRABING

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PROFILE  
 DATE  
 BY  
 CHECKED  
 GRADES CHECKED  
 PLAN NOTED  
 STRUCTURE NOTATIONS CHKD  
 NO.

05/08/06  
 APPENDUM 1

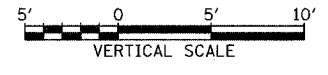
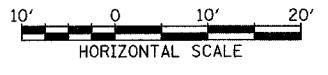


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	916	651F
STA. 190+65 (NB I-57) TO STA. 2316+00 (NB I-57) FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT • (1516.1, 1717, & 1818) R-4				
				62304

TYLIN INTERNATIONAL



NEW SHEET

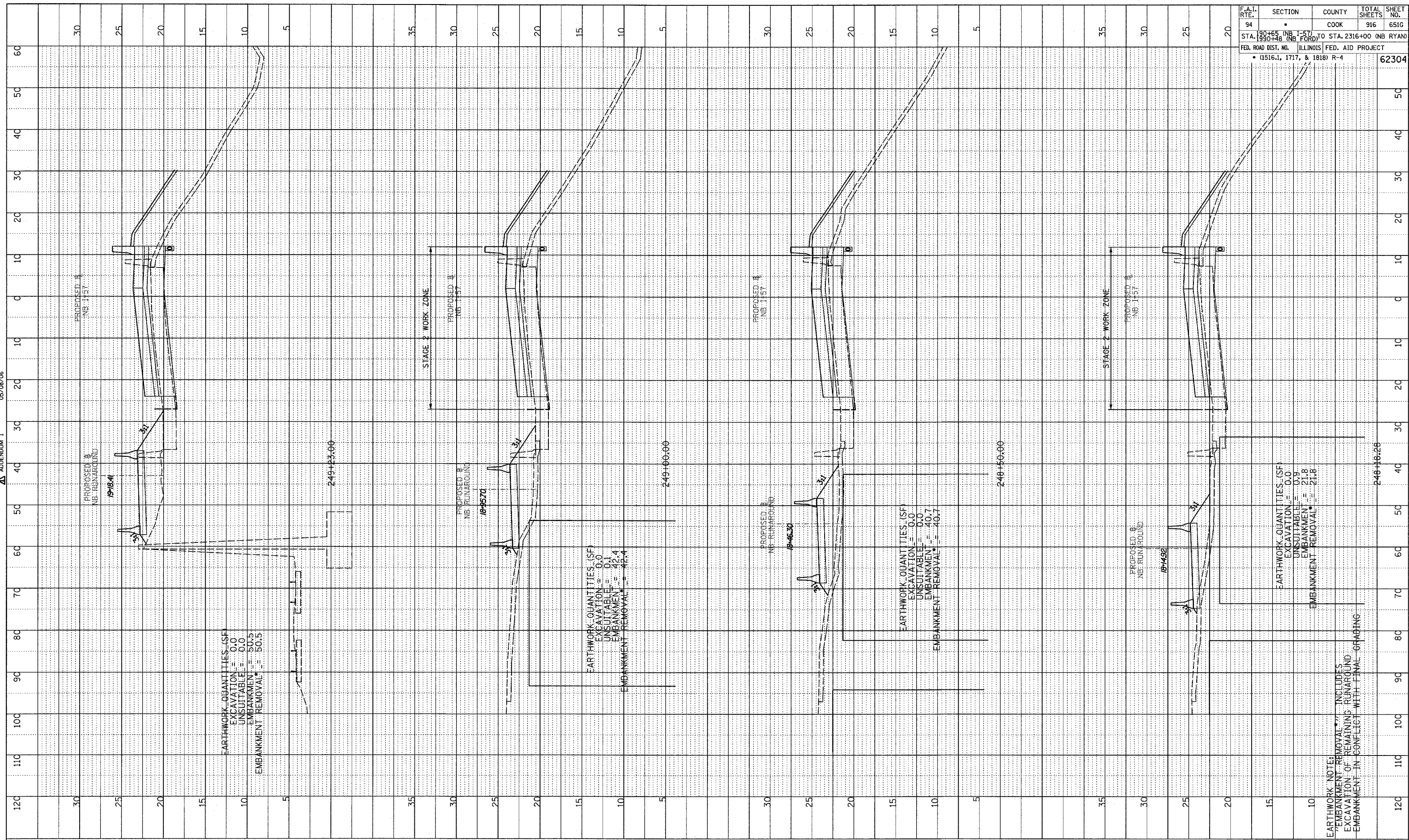


NORTHBOUND I-57 (STAGE 2 RUNAROUND)  
 STA. 247+00 TO STA. 248+00

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PROFILE SUBMITTED BY DATE  
 GRADES CHECKED  
 NOTE BOOK NO. NOTED  
 STRUCTURE NOTATIONS CH/NO

ADDENDUM 1  
 05/08/06

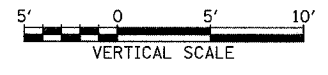
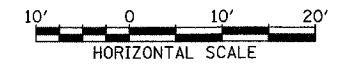


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	180+65 (NB I-57) TO STA. 2316+00 (NB RYAN)	COOK	916	651G
STA. 1890+48 (NB FORD) TO STA. 2316+00 (NB RYAN) FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT • (1516.1, 1717, & 1818) R-4				
				62304

TYLIN INTERNATIONAL



NEW SHEET



NORTHBOUND I-57 (STAGE 2 RUNAROUND)  
 STA. 248+18.28 TO STA. 249+23

EARTHWORK NOTE:  
 EMBANKMENT REMOVAL INCLUDES  
 EXCAVATION OF REMAINING RUNAROUND  
 EMBANKMENT IN CONFLICT WITH FINAL GRADING

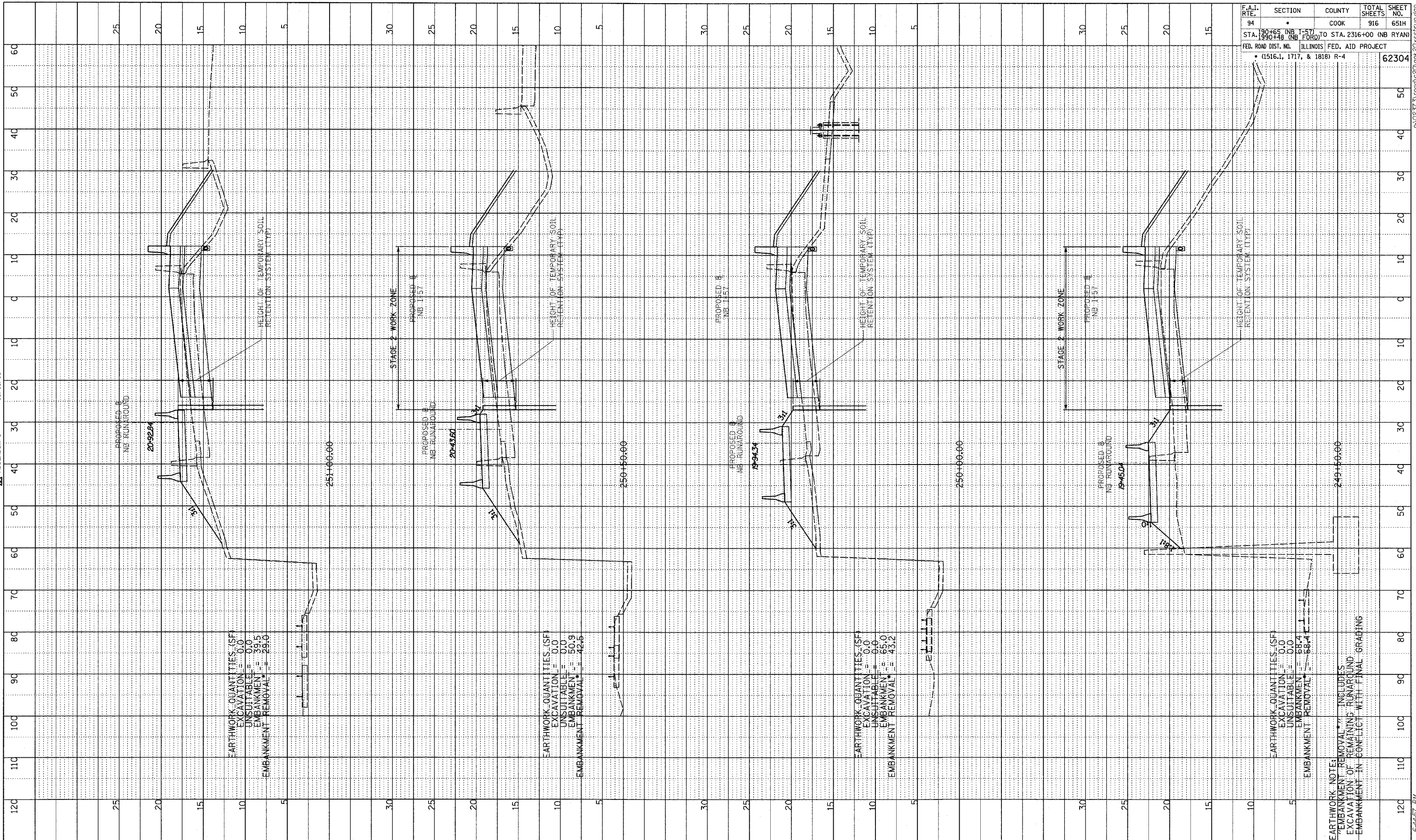
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PROFILE SURVEYED BY DATE  
 PLOTTED BY  
 NOTE BOOK NO. GRADES CHECKED STRUCTURE NOTATIONS CHKD

APPENDIX 1 05/08/06

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	190+65 (NB I-57) TO STA. 2316+00 (NB RYAN)	COOK	916	651H
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				62304
(1516.1, 1717, & 1818) R-4				



EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 0.0  
 UNSUITABLE = 0.0  
 EMBANKMENT = 39.5  
 EMBANKMENT REMOVAL = 29.0

EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 0.0  
 UNSUITABLE = 0.0  
 EMBANKMENT = 50.9  
 EMBANKMENT REMOVAL = 42.5

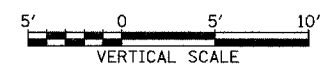
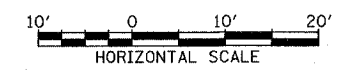
EARTHWORK QUANTITIES (SF)  
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 UNSUITABLE = 0.0  
 EMBANKMENT = 65.0  
 EMBANKMENT REMOVAL = 43.2

EARTHWORK QUANTITIES (SF)  
 EXCAVATION = 0.0  
 UNSUITABLE = 0.0  
 EMBANKMENT = 68.4  
 EMBANKMENT REMOVAL = 68.4

EARTHWORK NOTE:  
 \*EMBANKMENT REMOVAL INCLUDES EXCAVATION OF REMAINING RUNAROUND EMBANKMENT IN CONFLICT WITH FINAL GRADING

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NEW SHEET



NORTHBOUND I-57 (STAGE 2 RUNAROUND)  
 STA. 249+50 TO STA. 251+00

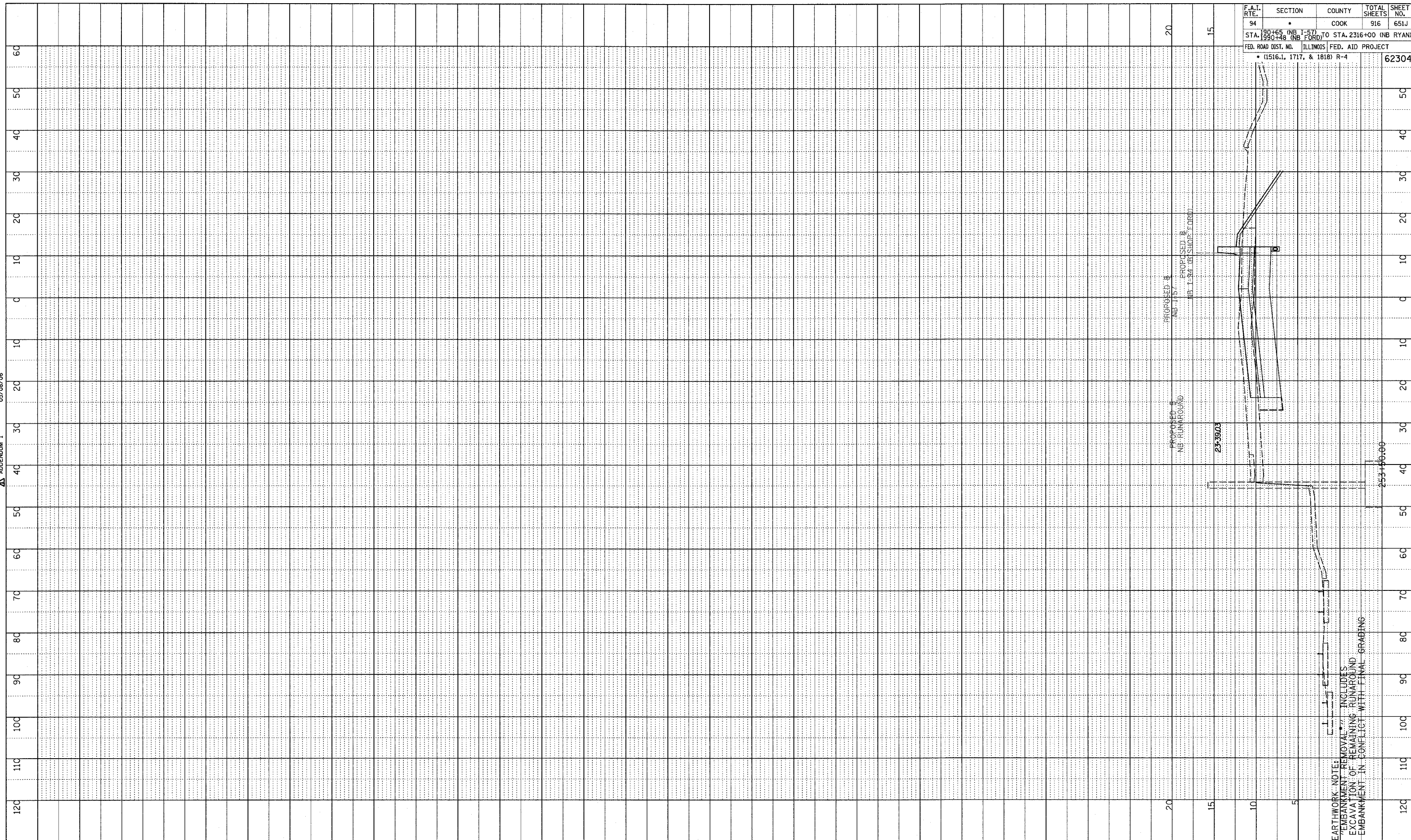
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PROFILE SHEET  
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 BY: [ ]  
 CHECKED: [ ]  
 DATE: [ ]  
 BY: [ ]  
 NO. [ ]

ADDENDUM 1



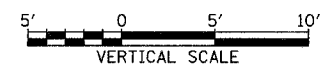
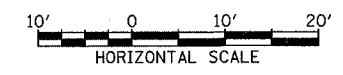
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	916	651J
STA. 190+65 (NB I-57) TO STA. 2316+00 (NB RYAN)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717, & 1818) R-4				
				62304

EARTHWORK NOTE:  
 "EMBANKMENT REMOVAL" INCLUDES  
 EXCAVATION OF REMAINING RUNAROUND  
 EMBANKMENT IN CONFLICT WITH FINAL GRABING

TYLIN INTERNATIONAL



NEW SHEET

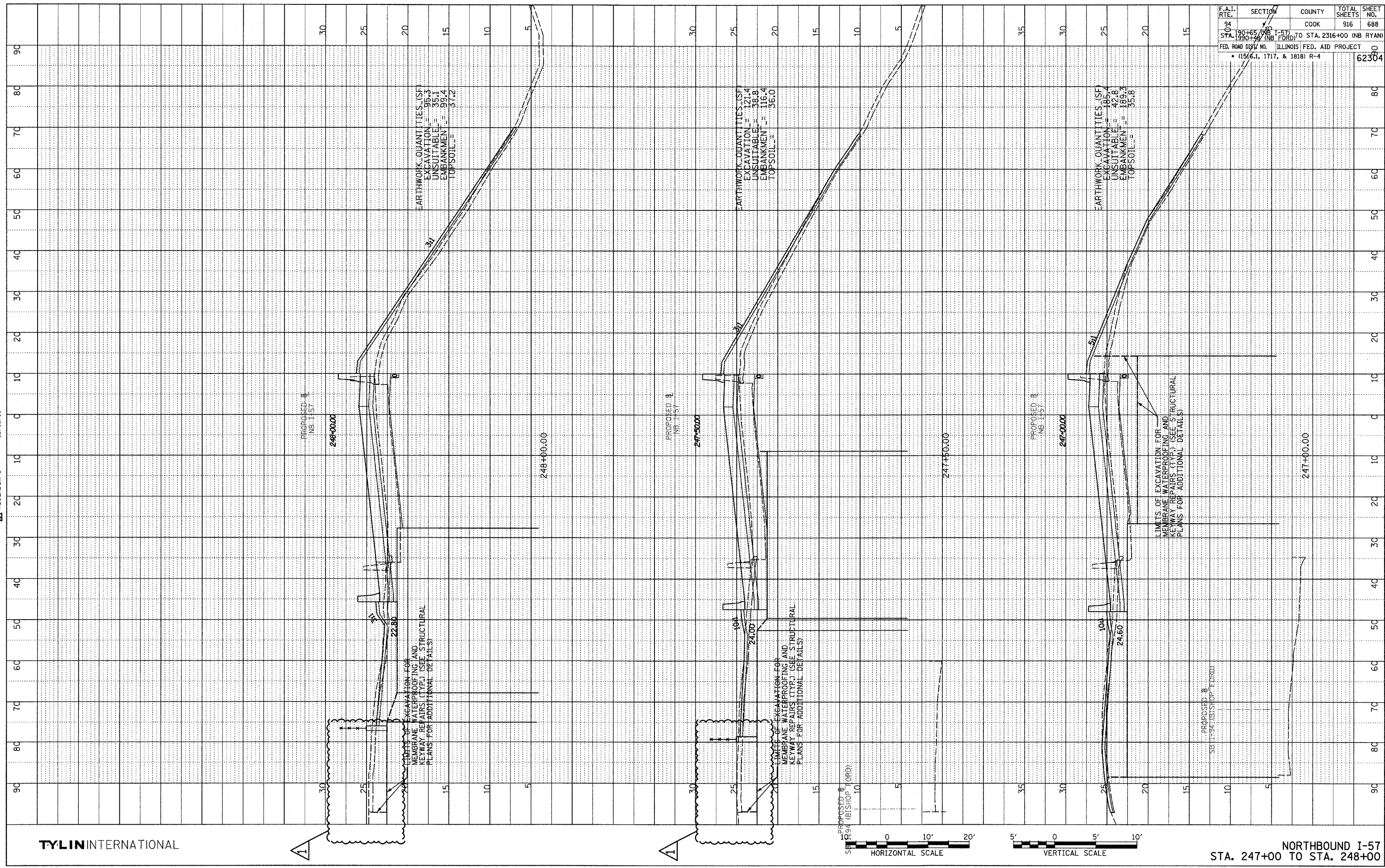


NORTHBOUND I-57 (STAGE 2 RUNAROUND)  
 STA. 253+50

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PROFILE SURVEYED \_\_\_\_\_ BY \_\_\_\_\_ DATE \_\_\_\_\_  
 GRADES CHECKED \_\_\_\_\_  
 E.M. NOTED \_\_\_\_\_  
 NO. \_\_\_\_\_ STRUCTURE NOTATIONS C/P/D  
 05/08/06  
 ADDENDUM 1



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	190+65 TO 2316+00 (NB I-57)	COOK	916	688
94	190+65 TO 2316+00 (NB I-57)	COOK	916	688
ILLINOIS FED. AID PROJECT				62304
FED. ROAD DIST. NO. (1516.1, 1717, & 1818) R-4				

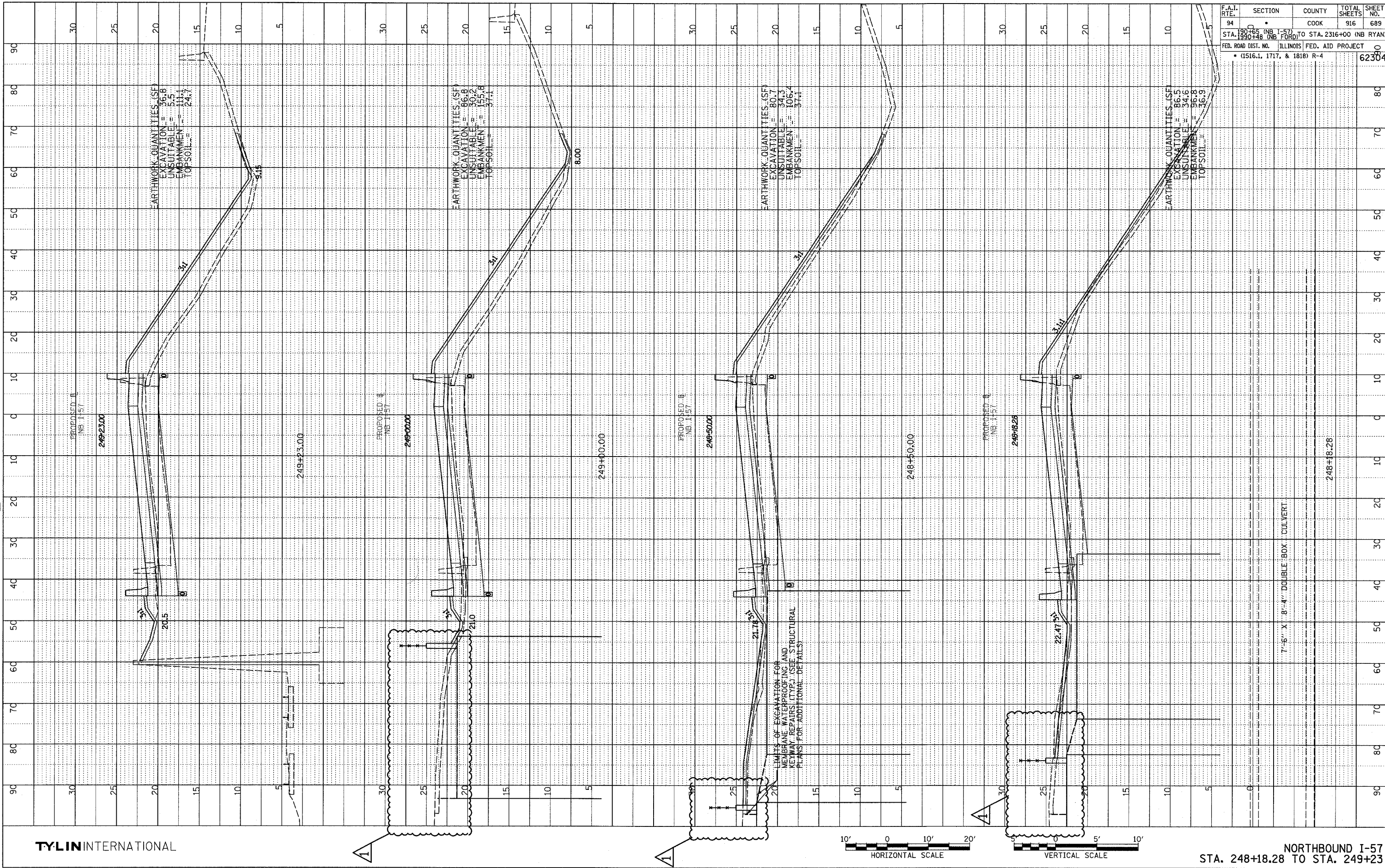
TYLIN INTERNATIONAL

NORTHBOUND I-57  
STA. 247+00 TO STA. 248+00

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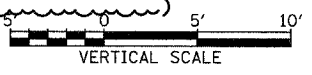
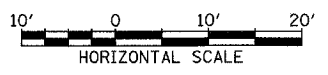
PROFILE REVISIONS  
 DATE  
 BY  
 NO. STRUCTURE NOTATIONS CHECKED  
 DATE  
 BY  
 NO. STRUCTURE NOTATIONS CHECKED

APPENDIX I 05/08/06



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	190+65 (NB I-57) TO STA. 2316+00 (NB RYAN)	COOK	916	689
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• (1516.1, 1717, & 1818) R-4				

TYLIN INTERNATIONAL



NORTHBOUND I-57  
 STA. 248+18.28 TO STA. 249+23

DATE \$/TIME\$