

INDEX OF SHEETS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

DAN RYAN EXPRESSWAY:	ADT (2010)	DESIGN SPEED	POSTED SPEED
NB I-94 (DAN RYAN)	151,800	60 MPH	55 MPH
NB I-57	57,300	60 MPH	55 MPH
NB 95TH STREET ENTRANCE RAMP	10,500	45 MPH	40 MPH

MAJOR CROSS STREETS AND FRONTAGE ROADS:	ADT	POSTED SPEED
95TH STREET	23,800	30 MPH
S. STATE STREET	15,100	30 MPH

DESCRIPTION OF PROJECT

CONSTRUCTION OF FLUTED KNEE WALLS,
FLUTED PARAPET ON EXISTING RETAINING
WALL LOCATED WITHIN THE PROJECT LIMITS.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

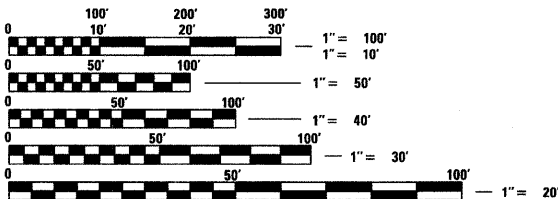
F.A.I. ROUTE 94 (DAN RYAN EXPRESSWAY)
SECTION 1516.1 I-7
FLUTED KNEE WALL CONSTRUCTION
ALONG STATE STREET FROM 95TH STREET TO 89TH STREET
COOK COUNTY
C-91-229-05

F.A.I. 94 (RYAN) PROJECT LIMIT
STA. 2243+03.23 (NB I-94)

T. 38 N.
T. 37 N.

F.A.I. 94 (RYAN) PROJECT LIMIT
STA. 2212+06.20 (NB I-94)

PROJECT LOCATED IN THE CITY OF CHICAGO

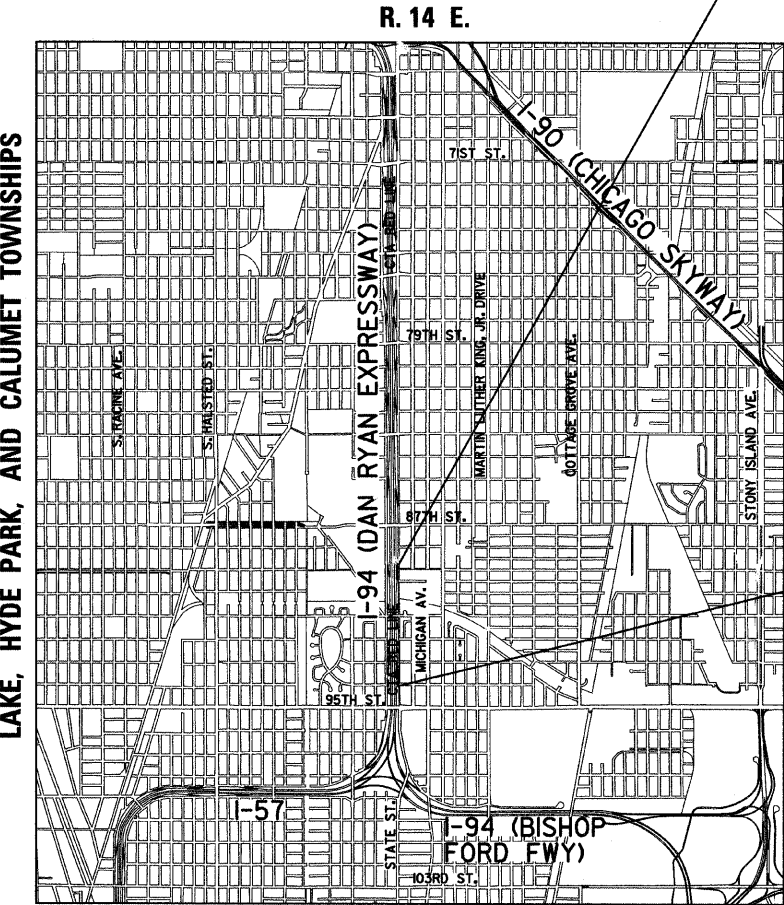


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES; REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED

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

CTA CONTACT:
DAVID HEARD,
MANAGER, CONSTRUCTION
MANAGEMENT OVERSIGHT
(312) 681-3862

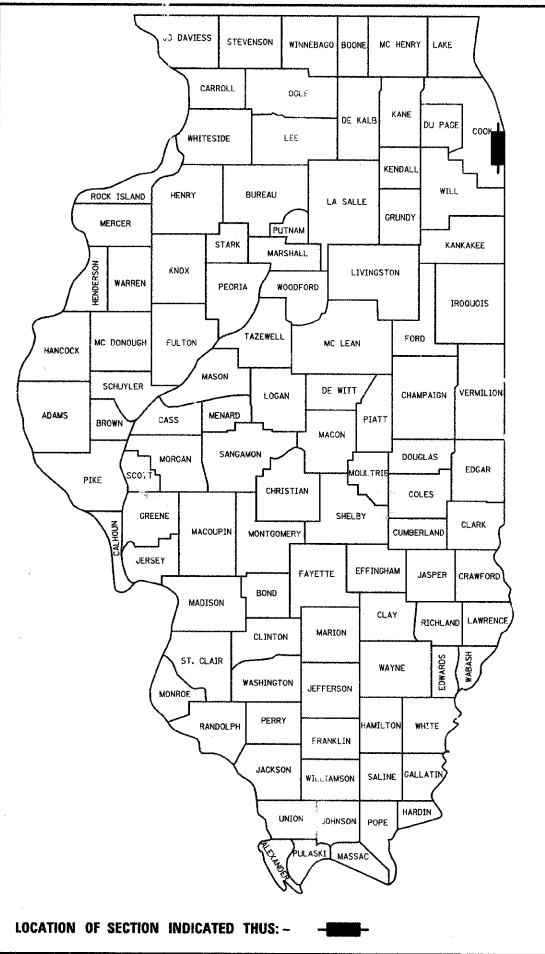
CONTRACT NO. 62971



LOCATION MAP

0 1/2 MILE 1 MILE
MAP SCALE: 1" = 1/2 MILE
GROSS LENGTH OF PROJECT = 3097.03 FT. = 0.59 MI.
NET LENGTH OF PROJECT = 3097.03 FT. = 0.59 MI.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1 I-7	COOK	58	1
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
D-91-229-05				62971



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED October 9, 2008
Dean M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
June 26, 2009
Charles J. Ingersoll
ENGINEER OF DESIGN AND ENVIRONMENT
June 26, 2009
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

CONTRACT 25B



Signed Dean A. Kiesel
Date October 7, 2008
Expires 11-30-2009

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1 I-7	COOK	58	2
STA. 2212+06.20 TO STA. 2243+03.23				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

62971

INDEX OF SHEETS

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5 - 6	EXISTING AND PROPOSED TYPICAL SECTIONS
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57	TC-18 DIST1, SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
58	TC-22 DIST 1, ARTERIAL ROAD INFORMATION SIGN

INDEX OF STATE STANDARDS

STANDARD NO.	TITLE
000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
606001-04	CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER
664001-02	CHAIN LINK FENCE
701456	PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
701601-00	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-06	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES

GENERAL NOTES:

1. UTILITY LOCATIONS SHOWN ON THESE PLANS MAY NOT BE CORRECT OR COMPLETE. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE RESPECTIVE UTILITIES OF THE CITY OF CHICAGO AND THOSE PRIVATELY OWNED. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL THE CHICAGO UTILITY ALERT NETWORK AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, CABLE, AND GAS FACILITIES (48 HOURS NOTIFICATION IS REQUIRED). CONTACT THE CHICAGO DEPARTMENT OF WATER MANAGEMENT PERMIT SECTION AT (312) 747-7893 FOR WATER AND SEWER LOCATIONS.
2. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS. THE ENGINEER OR AN AUTHORIZED SURVEYOR AGENT WILL WITNESS OR OTHERWISE REFERENCE AND RESET MONUMENTS AS NECESSARY. ALL PROPERTY CORNERS EXCEPT THOSE WITHIN AREAS WHERE THE SCHEDULE, IF PROVIDED, SHOWS PLACEMENT OF R.O.W. MARKERS SHALL REMAIN UNDISTURBED.
3. THE CONTRACTOR SHALL NOT SET UP A YARD OR FIELD OFFICE ON IDOT PROPERTY WITHOUT WRITTEN PERMISSION FROM IDOT.
4. THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ABUTTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.
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. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS THAT WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT NO GAP REMAINS BETWEEN PROPOSED RELOCATED FENCING OR WHERE PROPOSED RELOCATED FENCING TERMINATES AND EXISTING FENCE REMAINS IN PLACE.
8. ALL EXISTING FENCE THAT IS REQUIRED TO BE REMOVED AND RE-ERECTED SHALL BE RELOCATED PRIOR TO THE START OF INSTALLATION OF THE PROPOSED KNEE WALL OR AS DIRECTED BY THE ENGINEER.
9. THE LOCATIONS OF VARIOUS ITEMS SUCH AS PAVEMENT, RETAINING WALLS, AND DRAINAGE STRUCTURES BUILT IN CONTRACTS UNDER CONSTRUCTION ARE BASED ON THE PUBLISHED CONTRACT PLAN DRAWINGS AVAILABLE DURING DESIGN. THE CONTRACTOR SHALL VERIFY AS-BUILT CONDITIONS.
10. 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 SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
11. THE INTENT OF THE CONTRACT DOCUMENTS IS TO CONSTRUCT THE FLUTED KNEE WALL BEHIND THE EXISTING CURB AND GUTTER. ANY DAMAGE TO THE EXISTING CURB AND GUTTER SHALL BE REPAIRED TO THE ORIGINAL CONDITION OF THE CURB AND GUTTER OR REPLACED AT THE CONTRACTOR'S OWN EXPENSE.
12. THE ENGINEER SHALL BE ALLOWED ACCESS TO THE FIELD OFFICE IN USE FOR CONTRACT #62973 (25D).
13. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TRAFFIC CONTROL DEVICES NEEDED TO COMPLETE THE WORK. THIS WORK SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
14. THE CONTRACTOR SHALL NOT MAINTAIN A PERMANENT PARTIAL RAMP OR SHOULDER CLOSURE ALONG THE MAINLINE I-94 (DAN RYAN) FOR THE DURATION OF THIS PROJECT. ONLY TEMPORARY PARTIAL RAMP CLOSURES SHALL BE PERMITTED.
15. ALL CATCH BASINS IN THE CITY OF CHICAGO SHALL MEET THE CHICAGO DEPARTMENT OF WATER MANAGEMENT'S STANDARDS.
16. PERMITS FROM THE DEPARTMENT OF WATER MANAGEMENT ARE REQUIRED FOR ALL UNDERGROUND STORM, SANITARY AND COMBINED SEWER SYSTEM CONSTRUCTION, AND FOR ALL WORK INVOLVING ADJUSTMENT OF SEWER STRUCTURES. THE DEPARTMENT OF WATER MANAGEMENT'S PERMIT SHALL BE OBTAINED BY A LICENSED SEWER DRAIN LAYER PRIOR TO START OF CONSTRUCTION. THE LICENSED SEWER CONTRACTOR/ SUBCONTRACTOR SHALL SUBMIT TWO SETS OF PLANS APPROVED BY THE DEPARTMENT OF WATER MANAGEMENT FOR THE ISSUANCE OF THE SEWER PERMIT TO BUREAU OF ENGINEERING SERVICES-SEWER SECTION, JARDINE PURIFICATION PLANT, EL+51, ROOM 313, 1000 E. OHIO ST., CHICAGO, IL 60611. INSPECTION WILL BE PROVIDED BY THE DEPARTMENT OF WATER MANAGEMENT.
17. THE RESIDENT ENGINEER AND THE CONTRACTOR SHALL FIELD VERIFY THE CITY'S EXISTING SEWER FACILITIES IN THE LIMITS OF THE REFERENCED PROJECT FOR ANY CONFLICTS DUE TO THE PROPOSED IMPROVEMENT. ANY CONFLICT SHALL BE RESOLVED WITH THE DEPARTMENT OF WATER MANAGEMENT PRIOR TO START OF CONSTRUCTION.
18. IN CASE OF DAMAGE TO CITY OF CHICAGO SEWERS, PRIVATE AND PUBLIC DRAINS, SEWER STRUCTURES AND/OR BENCH MONUMENTS, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE DEPARTMENT OF WATER MANAGEMENT AT (312) 744-0409 OR (312) 744-0408.
19. PERFORATED LIDS SHALL BE PLACED ON ALL SEWER MANHOLES AND CATCH BASINS.
20. NIGHT OPERATIONS SHALL NOT BE ALLOWED.
21. LOCATION OF THE ELECTRICAL EQUIPMENT, INSTALLED BY CONTRACT 62583, IS APPROXIMATE. THE RESIDENT ENGINEER AND THE CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATION OF ALL ELECTRICAL ITEMS WITHIN THE PROJECT LIMITS WITH THE IDOT ELECTRICAL REPRESENTATIVE PRIOR TO THE START OF CONSTRUCTION. THE COST SHALL BE INCLUDED IN THE COST OF MOBILIZATION

GENERAL NOTES (CONT.):

22. CITY OF CHICAGO WATER VALVE VAULTS AND SEWER STRUCTURES SHALL NOT BE CLOSED, COVERED OR OTHERWISE OBSTRUCTED DURING CONSTRUCTION WITHOUT PRIOR WRITTEN PERMISSION FROM THE CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT.
23. IN LOCATIONS WHERE THE MAIN SEWER IS NOT BEING REPLACED AND THE EXISTING DRAINAGE FACILITIES ARE DISTURBED OR DAMAGED DURING CONSTRUCTION BY THE CONTRACTOR, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO RESTORE AND REPLACE THE DAMAGED FACILITIES AT HIS/HER OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER.
24. IT IS CALLED TO THE CONTRACTOR'S ATTENTION THAT HE/SHE SHALL BE REQUIRED TO OBTAIN AND PAY FOR ANY INSPECTION OR PERMIT FEES TO THE VARIOUS DEPARTMENTS OF THE CITY OF CHICAGO AND THE STATE OF ILLINOIS. THE COST FOR THESE FEES SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF MOBILIZATION. PERMIT FEES SHALL BE PAID PRIOR TO COMMENCING CONSTRUCTION.
25. A PERMIT SHALL BE SECURED FROM THE BUREAU OF TRAFFIC PERMIT DIVISION, ROOM 804, CITY HALL AND BE INCLUDED IN THE COST OF MOBILIZATION. ADDITIONALLY, SEVEN (7) DAYS NOTICE SHALL BE GIVEN TO THE BUREAU OF TRAFFIC (312-744-0330) PRIOR TO STARTING ANY WORK OR MAKING ANY CHANGES IN THE TRAFFIC PATTERNS. ANY LANE OR ROADWAY CLOSURE INCLUDING DETOUR SHALL BE REVIEWED AND APPROVED BY THE BUREAU OF TRAFFIC.
26. A "BOXED" NOTE INDICATES AN ITEM OF WORK THAT IS NOT PAID FOR SEPARATELY, BUT IS PAID FOR AS PART OF ANOTHER ITEM LISTED IN THE SUMMARY OF QUANTITIES.
27. THE REMOVED AND RE-ERECTED CHAIN LINK FENCE SHALL REMAIN IN ITS RELOCATED POSITION, AS SHOWN ON PLANS, AT THE END OF THIS CONTRACT. FUTURE CONTRACT #60A01 SHALL INSTALL THE PERMANENT FENCING ON THE KNEE WALL AND THEN REMOVE THE FENCE LEFT IN PLACE BY THIS CONTRACT.
28. THE CONTRACTOR SHALL PROTECT ALL BLUNT ENDS OF THE KNEE WALL FOR TRAFFIC SAFETY. ALL TEMPORARY PROTECTION DEVICES USED FOR THIS PURPOSE SHALL BE NCHRP 350 COMPLIANT AND AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).

CONTRACTOR ACCESS ASSUMPTIONS:

FOR FLUTED KNEE WALL, FLUTED KNEE WALL, SPECIAL AND PARAPET CONSTRUCTION,
ACCESS IS ASSUMED TO BE FROM THE FRONTAGE ROAD.

REVISONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94 (DAN RYAN EXPRESSWAY) INDEX OF SHEETS, INDEX OF STATE STANDARDS, GENERAL NOTES, AND CONTRACTOR ACCESS ASSUMPTIONS
NAME	DATE	
S.N.	DESIGNED BY:	<div style="position: absolute; right: -50px; top: 0; transform: rotate(90deg); transform-origin: right top;">10/16/03 AM</div> <div style="position: absolute; right: -50px; bottom: 0; transform: rotate(90deg); transform-origin: right bottom;">10/17/2008</div>
SCALE: NONE	DRAWN BY: AMB, MAF	
DATE: OCTOBER 17, 2008	CHECKED BY: TGB, MI	

PROJECT: KNEE WALLS AND HMLT SERVICE PAD ALONG
STATE STREET FROM 95TH TO 89TH STREET
COOK COUNTY / CITY OF CHICAGO

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1 I-7	COOK	58	3
STA. 2212+06.20 TO STA. 2243+03.23				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

2971

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	URBAN QUANTITY	100% STATE SFTY-4A
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	72	72
20100210	TREE REMOVAL (^{OVER} 15 UNITS DIAMETER)	UNIT	17	17
20200100	EARTH EXCAVATION	CU YD	165	165
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	175	175
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	352	352
21101645	TOPSOIL FURNISH AND PLACE, 12"	SQ YD	209	209
21101825	COMPOST FURNISH AND PLACE, 6"	SQ YD	209	209
25000210	SEEDING, CLASS 2A	ACRE	0.25	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	11	11
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	11	11
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	11	11
25100630	EROSION CONTROL BLANKET	SQ YD	561	561
25200200	SUPPLEMENTAL WATERING	UNIT	28	28
28000510	INLET FILTERS	EACH	15	15
42001300	PROTECTIVE COAT	SQ YD	323	323
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	139	139
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	36	36
44000600	SIDEWALK REMOVAL	SQ FT	92	92
44004250	PAVED SHOULDER REMOVAL	SQ YD	255	255
50102400	CONCRETE REMOVAL	CU YD	36	36
50200100	STRUCTURE EXCAVATION	CU YD	85	85
50300255	CONCRETE SUPERSTRUCTURE	CU YD	70	70
50300300	PROTECTIVE COAT	SQ YD	378	378
50300510	RUSTICATION FINISH	SQ FT	598	598
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	9160	9160
51100300	SLOPE WALL 6 INCH	SQ YD	25	25
60250200	CATCH BASINS TO BE ADJUSTED	EACH	1	1
60255500	MANHOLES TO BE ADJUSTED	EACH	3	3
60618324	CONCRETE MEDIAN SURFACE, 6 INCH (SPECIAL)	SQ FT	533	533
66410300	CHAIN LINK FENCE REMOVAL	FOOT	699	699
66410400	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	304	304
67100100	MOBILIZATION	L SUM	1	1

* SPECIALTY ITEM

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CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	100% STATE SFTY-4A
70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	241	241
70400100	TEMPORARY CONCRETE BARRIER	FOOT	40	40
70400600	RELOCATE TEMPORARY CONCRETE BARRIER (STATE OWNED)	FOOT	620	620
* 81200120	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	45	45
* 81300980	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE 8"X8"X6"	EACH	2	2
X0326143	FLUTED KNEE WALL (SPECIAL)	FOOT	269	269
X0326311	RELOCATE EXISTING SIGN PANEL (SPECIAL)	EACH	3	3
X0326144	TACTILE/DETECTABLE WARNING SURFACE	SQ FT	8	8
* X0326491	TRAFFIC SIGNAL POST, PAINTED STEEL (SPECIAL)	EACH	1	1
X0321750	REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED	FOOT	620	620
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	52	52
* X0323363	ELECTRIC CABLE IN CONDUIT, NO 12 3/C	FOOT	55	55
X0324640	FLUTED KNEE WALL	FOOT	836	836
X6065740	CONCRETE MEDIAN SURFACE, 5" (MODIFIED)	SQ FT	1940	1940
X6640210	TEMPORARY CHAIN LINK FENCE (PORTABLE)	FOOT	674	674
XX104800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V.12	FOOT	36.0	36.0
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
Z0030240	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2	EACH	1	1
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1

LOCATION			EARTH EXCAVATION (CU YD)	REM. & DISP. UNSUITABLE (CU YD)
ALIGNMENT	STATION	TO STATION		
NB I-94 (DAN RYAN EXPY)	2212+00.0	2219+50.0	100.0	60.0
NB I-94 (DAN RYAN EXPY)	2233+00.0	2237+50.0	25.0	35.0
NB I-94 (DAN RYAN EXPY)	2238+00.0	2243+50.0	40.0	80.0
TOTAL =			165.0	175.0

LOCATION			TREE REMOV 6-15 (UNIT)
ALIGNMENT	STATION	OFFSET	
NB I-94 (DAN RYAN EXPY)	2217+55.31	125.7' RT	6
NB I-94 (DAN RYAN EXPY)	2217+58.72	124.9' RT	6
NB I-94 (DAN RYAN EXPY)	2217+62.07	124.9' RT	6
NB I-94 (DAN RYAN EXPY)	2217+66.05	124.6' RT	6
NB I-94 (DAN RYAN EXPY)	2217+69.91	124.8' RT	6
NB I-94 (DAN RYAN EXPY)	2217+74.22	124.8' RT	7
NB I-94 (DAN RYAN EXPY)	2217+78.91	124.6' RT	10
NB I-94 (DAN RYAN EXPY)	2217+82.82	125.1' RT	11
NB I-94 (DAN RYAN EXPY)	2233+46.22	123.6' RT	6
NB I-94 (DAN RYAN EXPY)	2238+62.77	91.4' RT	8
TOTAL =			72

	LOCATION		TREE REMOV 6-15 (UNIT)
ALIGNMENT	STATION	OFFSET	
NB I-94 (DAN RYAN EXPY)	2217+37.01	125.1' RT	
		TOTAL =	17

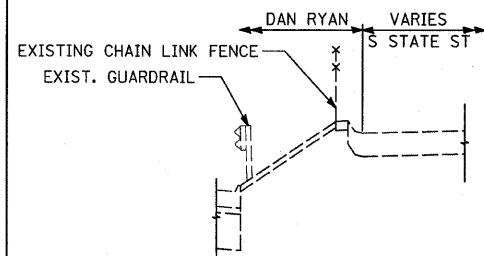
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ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)

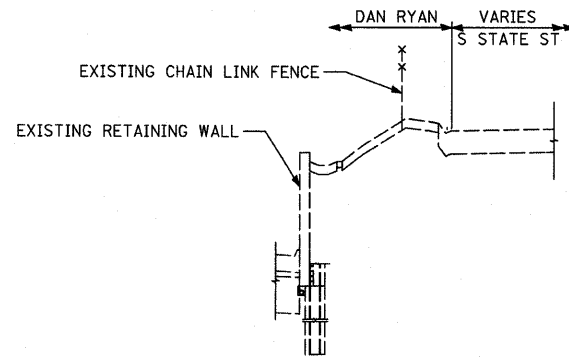
SUMMARY OF QUANTITIES
SCHEDULE OF QUANTITIES

SCALE: NONE
DATE: OCTOBER 17, 2008

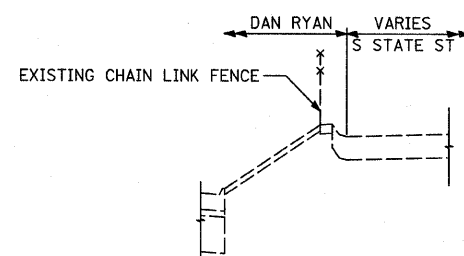
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CHECKED BY: TGB, MI



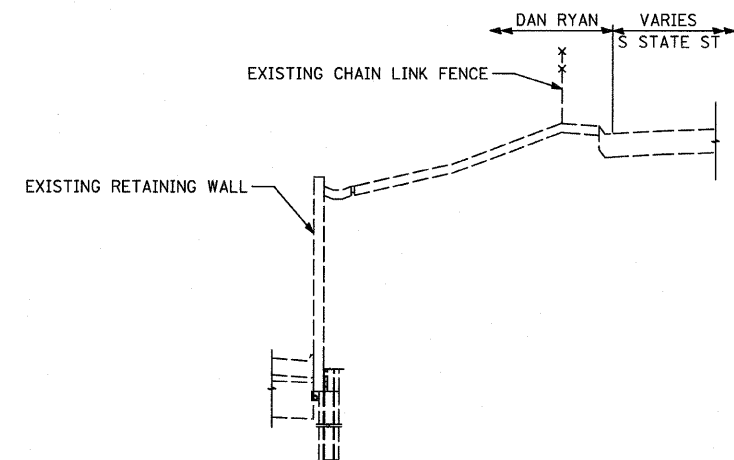
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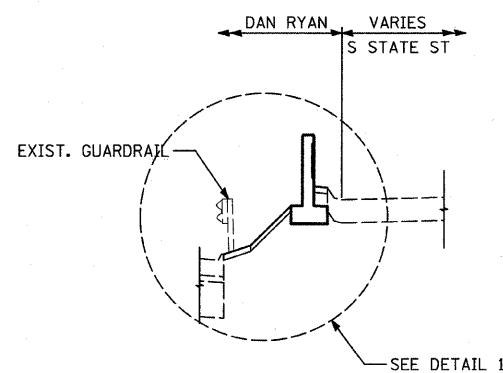
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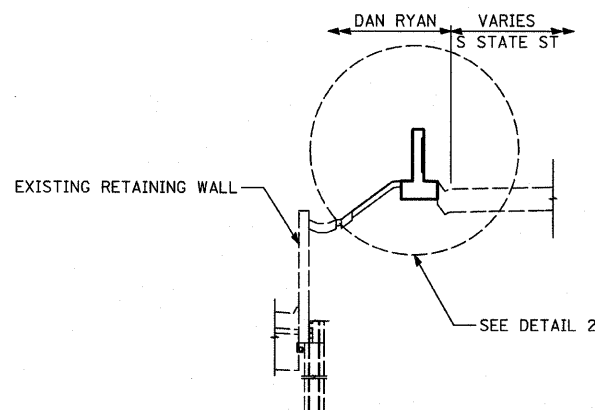
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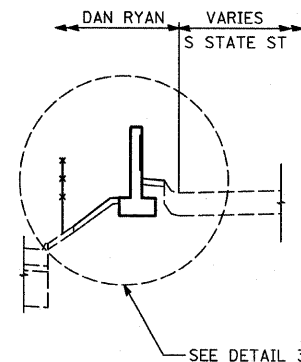
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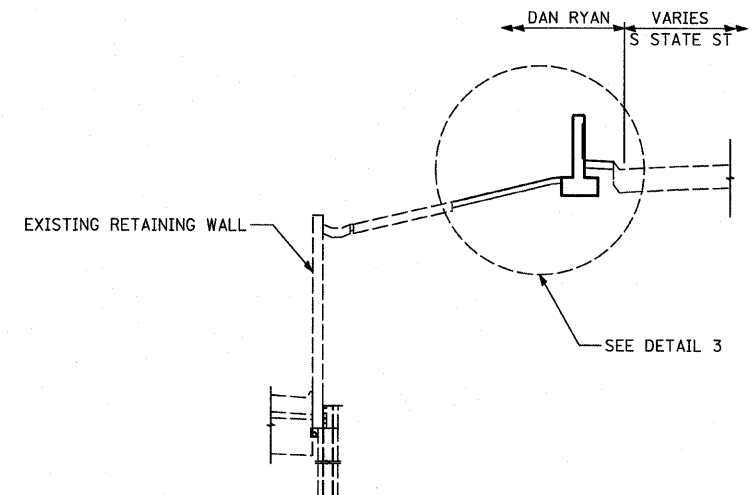
PROPOSED NB STATE ST.
STA. 2212+46.6 TO STA. 2213+59.3



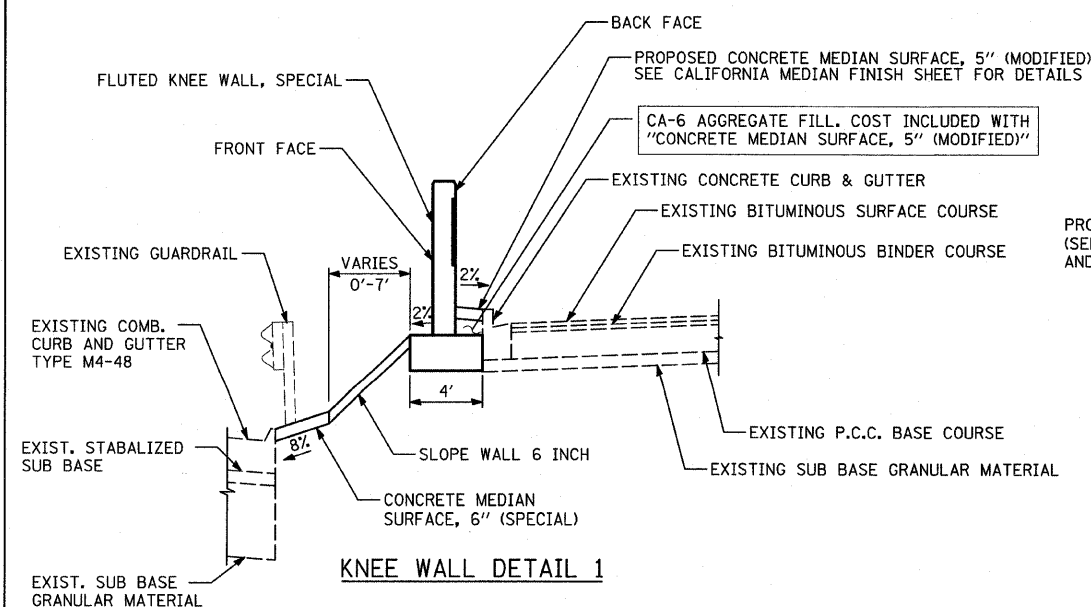
PROPOSED NB STATE ST.
STA. 2213+59.3 TO STA. 2214+78.1
STA. 2233+32.7 TO STA. 2236+37.5
STA. 2239+15.1 TO STA. 2240+18.7



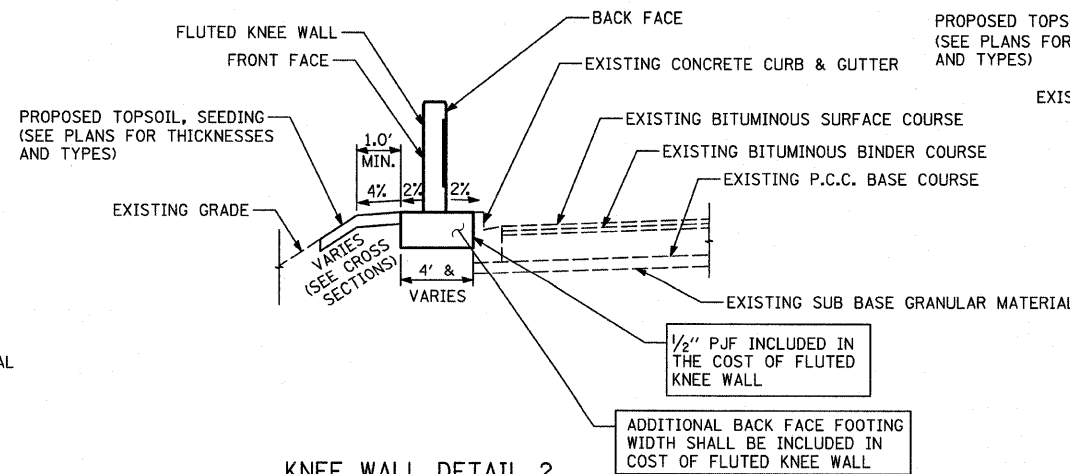
PROPOSED NB STATE ST.
STA. 2242+73.2 TO STA. 2243+03.2



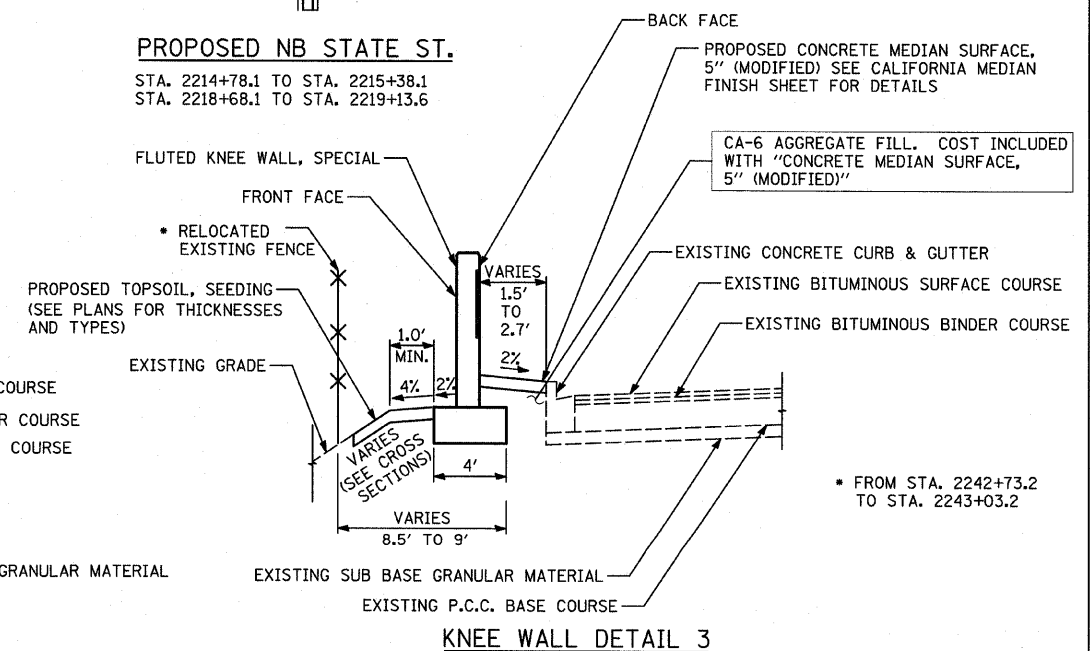
PROPOSED NB STATE ST.
STA. 2214+78.1 TO STA. 2215+38.1
STA. 2218+68.1 TO STA. 2219+13.6



KNEE WALL DETAIL 1



KNEE WALL DETAIL 2



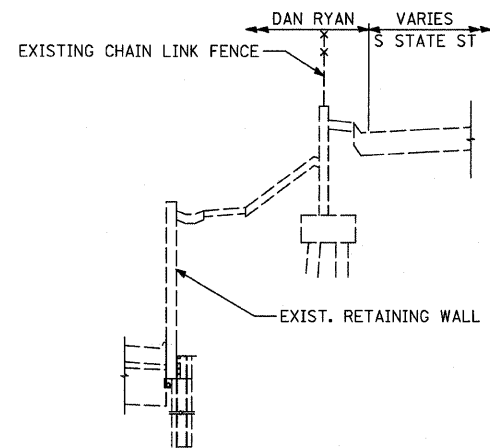
KNEE WALL DETAIL 3

REVISIONS	
NAME	DATE

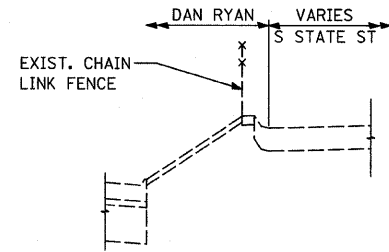
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
EXISTING AND PROPOSED TYPICAL SECTIONS
NB STATE ST.
SHEET 1 OF 2
SCALE: NONE
DATE: OCTOBER 17, 2008
DRAWN BY: TB
CHECKED BY: TGB, MI

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1 I-7	COOK	58	6
STA. 2212+06.20 TO STA. 2243+03.23				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

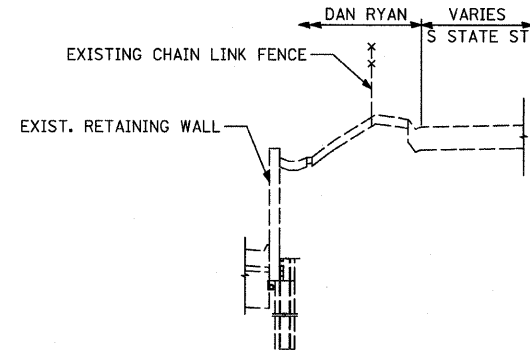
62971



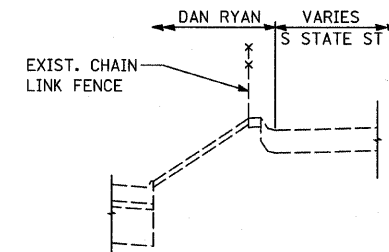
EXISTING NB STATE ST.



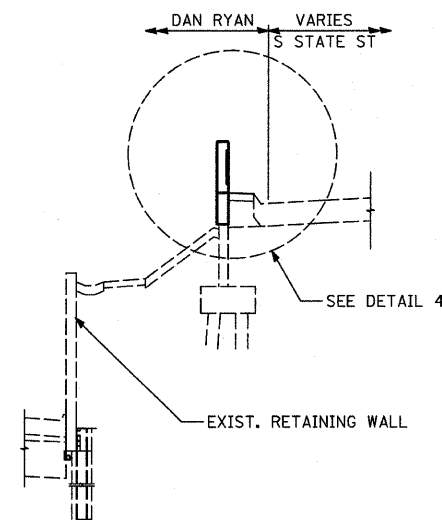
EXISTING NB STATE ST.



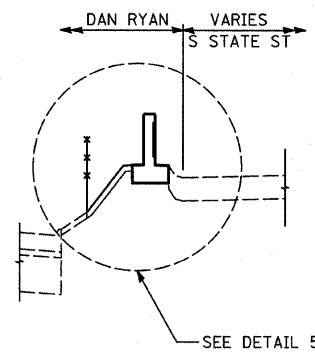
EXISTING NB STATE ST.



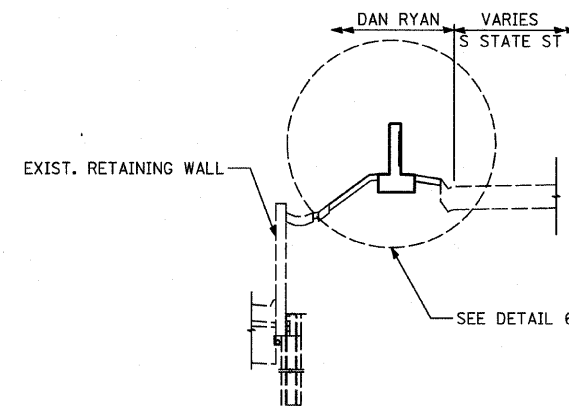
EXISTING NB STATE ST.



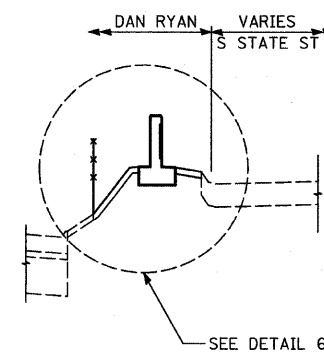
PROPOSED NB STATE ST.
STA. 2215+38.1 TO STA. 2218+68.1



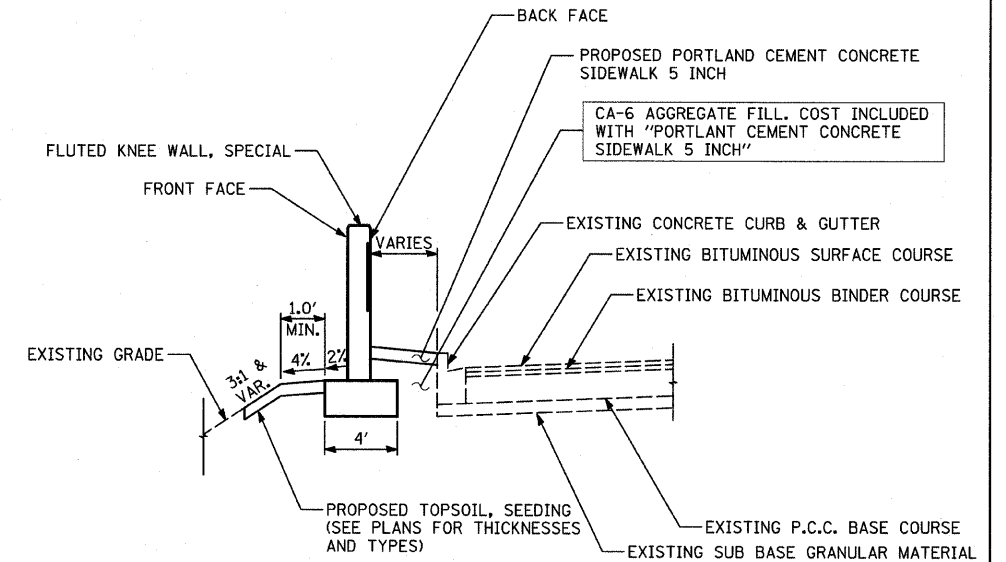
PROPOSED NB STATE ST.
STA. 2240+18.7 TO STA. 2241+86.0



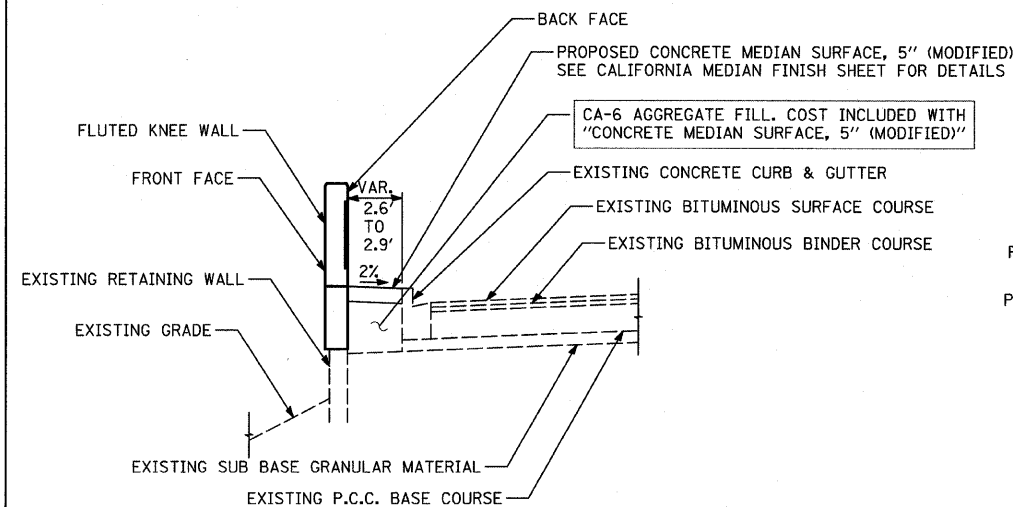
PROPOSED NB STATE ST.
STA. 2238+39.5 TO STA. 2239+15.1



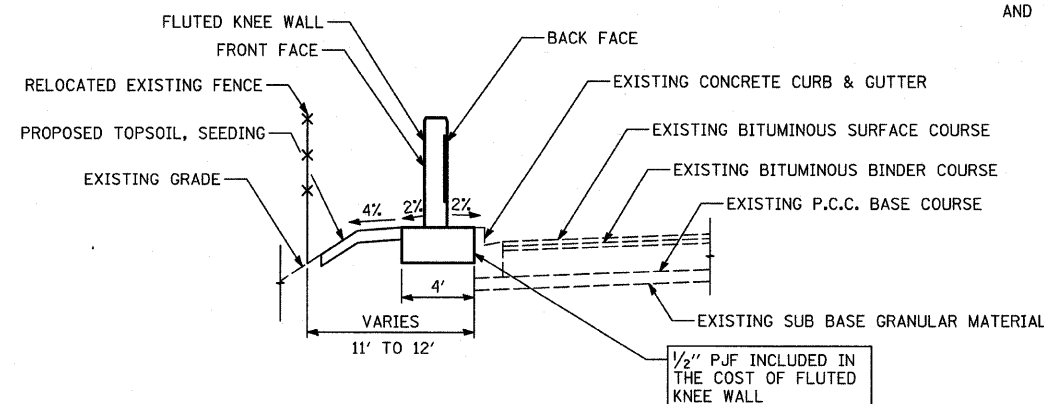
PROPOSED NB STATE ST.
STA. 2241+86.0 TO STA. 2242+73.2



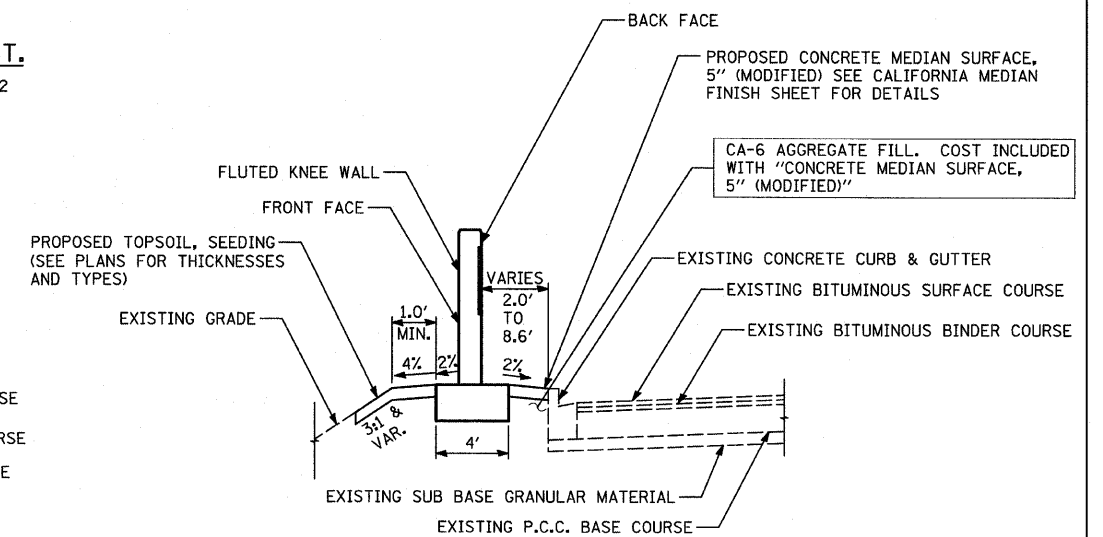
FLUTED KNEE WALL
TYPICAL SECTION AT SIDEWALK



KNEE WALL DETAIL 4



KNEE WALL DETAIL 5



KNEE WALL DETAIL 6

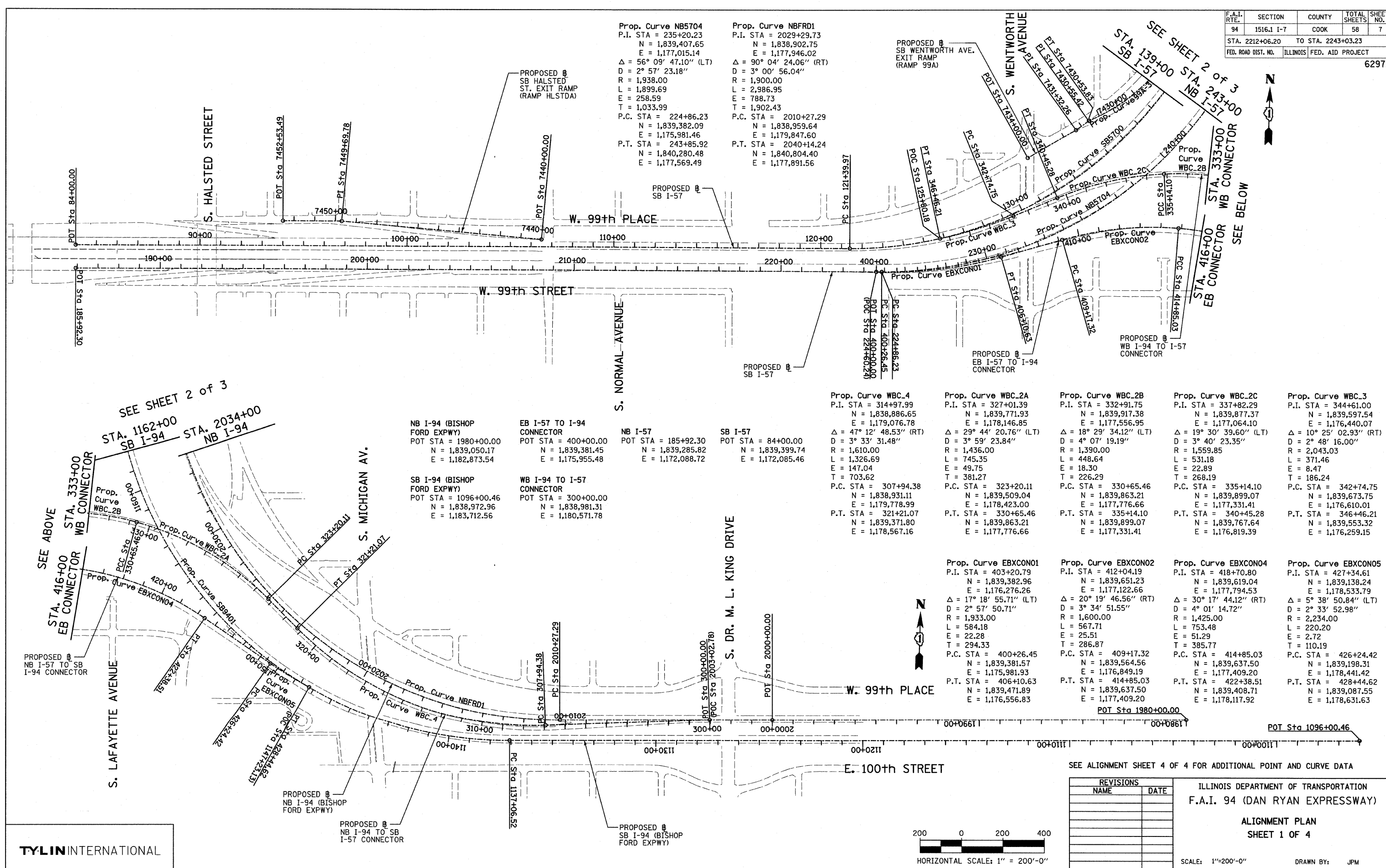
REVISIONS	
NAME	DATE

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

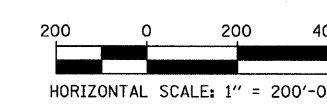
EXISTING AND PROPOSED TYPICAL SECTIONS
NB STATE ST.
SHEET 2 OF 2

SCALE: NONE
DATE: OCTOBER 17, 2008

DRAWN BY: TB
CHECKED BY: TGB, MI



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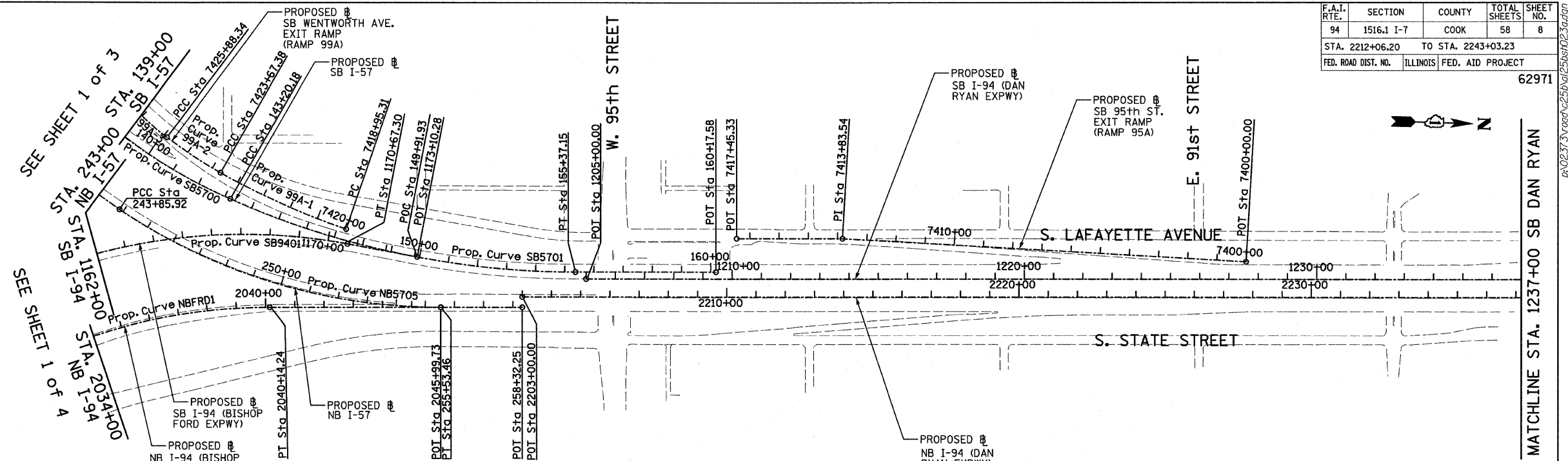


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
ALIGNMENT PLAN
SHEET 1 OF 4
SCALE: 1"=200'-0"
DATE: OCTOBER 17, 2008
DRAWN BY: JPM
CHECKED BY: DAK

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1 I-7	COOK	58	8
STA. 2212+06.20 TO STA. 2243+03.23				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

62971



Prop. Curve SB5700
P.I. STA = 133+70.06
N = 1,839,521.70
E = 1,177,054.03
Δ = 66° 11' 55.15" (LT)
D = 3° 02' 10.83"
R = 1,887.00
L = 2,180.21
E = 365.53
T = 1,230.09
P.C. STA = 121+39.97
N = 1,839,491.52
E = 1,175,824.31
P.T. STA = 143+20.18
N = 1,840,659.02
E = 1,177,522.68

Prop. Curve SB5701
P.I. STA = 149+37.75
N = 1,841,230.00
E = 1,177,757.97
Δ = 24° 02' 07.49" (LT)
D = 1° 58' 30.13"
R = 2,901.00
L = 1,216.96
E = 65.01
T = 617.56
P.C. STA = 143+20.18
N = 1,840,659.02
E = 1,177,522.68
P.T. STA = 155+37.15
N = 1,841,847.31
E = 1,177,740.29

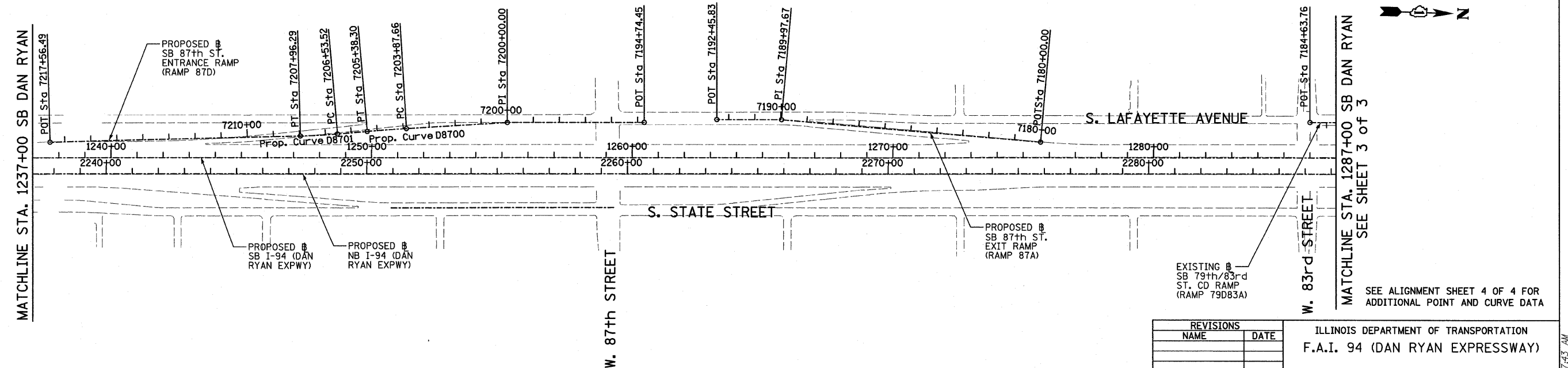
Prop. Curve NB5705
P.I. STA = 249+87.51
N = 1,840,788.31
E = 1,177,892.02
Δ = 34° 03' 37.98" (LT)
D = 2° 55' 02.28"
R = 1,964.00
L = 1,167.54
E = 90.07
T = 601.59
P.C. STA = 243+85.92
N = 1,840,280.48
E = 1,177,569.49
P.T. STA = 255+53.46
N = 1,841,389.65
E = 1,177,874.80

Prop. Curve SB9401
P.I. STA = 1160+15.97
N = 1,838,783.95
E = 1,177,299.83
Δ = 100° 48' 58.07" (RT)
D = 2° 59' 59.20"
R = 1,910.00
L = 3,360.79
E = 1,086.95
T = 2,309.46
P.C. STA = 1137+06.52
N = 1,838,851.99
E = 1,179,608.28
P.T. STA = 1170+67.30
N = 1,841,064.16
E = 1,177,666.20

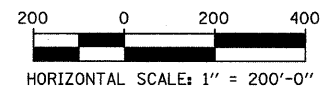
SB I-94 (DAN RYAN EXPWY)
POT STA = 1205+00.00
N = 1,841,884.04
E = 1,177,763.25

SB I-57
POT STA = 160+17.58
N = 1,842,327.55
E = 1,177,726.54
NB I-57
POT STA = 258+32.25
N = 1,841,668.33
E = 1,177,866.82
NB I-94 (DAN RYAN EXPWY)
POT STA = 2203+00.00
N = 1,841,667.31
E = 1,177,830.83

SB I-94 (BISHOP FORD EXPWY)
POT STA = 1173+10.28
N = 1,841,304.06
E = 1,177,704.74
NB I-94 (BISHOP FORD EXPWY)
POT STA = 2045+99.73
N = 1,841,389.65
E = 1,177,874.80



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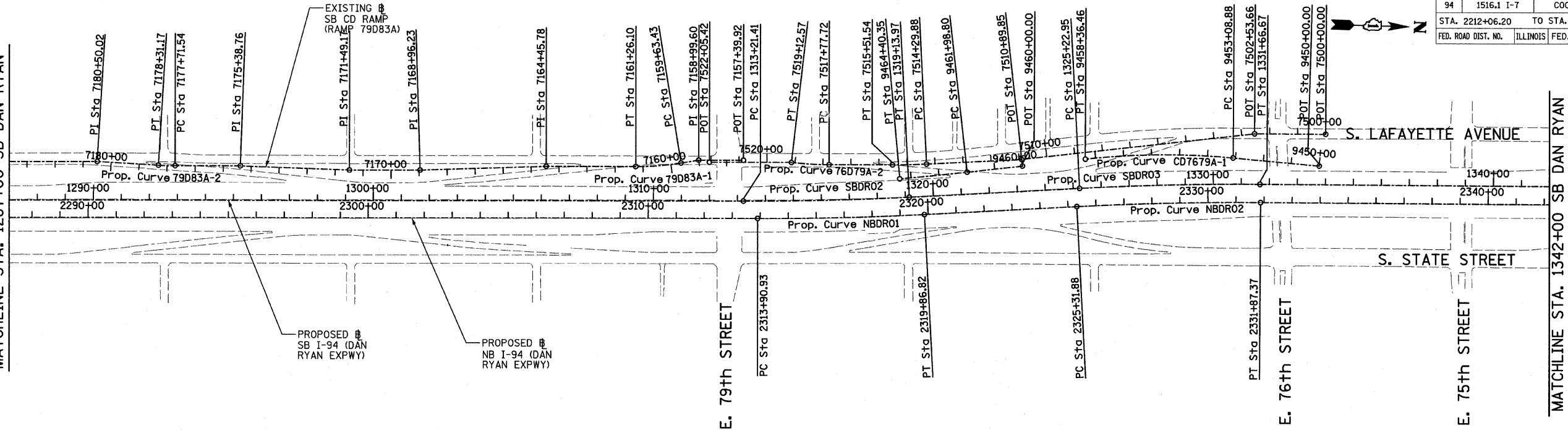
REVISIONS	
NAME	DATE

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

ALIGNMENT PLAN
SHEET 2 OF 4

SCALE: 1"=200'
DATE: OCTOBER 17, 2008
DRAWN BY: JPM
CHECKED BY: DAK

SEE SHEET 2 of 3
MATCHLINE STA. 1287+00 SB DAN RYAN

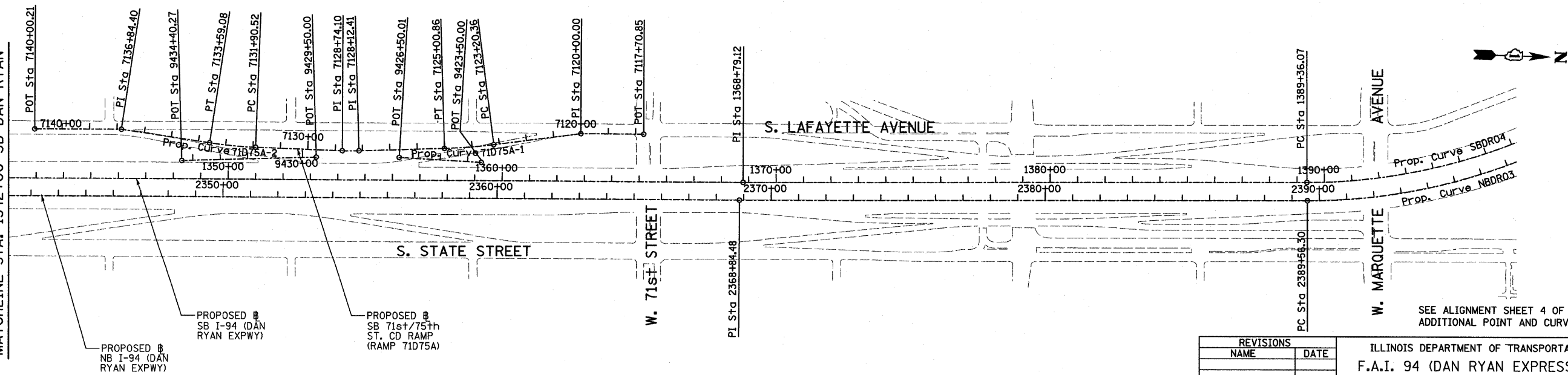


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1 I-7	COOK	58	9
STA. 2212+06.20 TO STA. 2243+03.23				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

62971

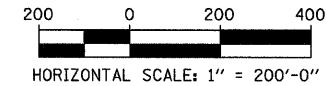
Prop. Curve NBDR01 P.I. STA = 2316+88.94 N = 1,853,051.58 E = 1,177,504.84 Δ = 2° 58' 38.60" (LT) D = 0° 29' 58.77" R = 11,467.00 L = 595.89 E = 3.87 T = 298.01 P.C. STA = 2313+90.93 N = 1,852,753.69 E = 1,177,513.37 P.T. STA = 2319+86.82 N = 1,853,348.62 E = 1,177,480.85	Prop. Curve NBDR02 P.I. STA = 2328+59.71 N = 1,854,218.69 E = 1,177,410.58 Δ = 3° 16' 48.34" (RT) D = 0° 30' 01.44" R = 11,450.00 L = 655.49 E = 4.69 T = 327.84 P.C. STA = 2325+31.88 N = 1,853,891.91 E = 1,177,436.97 P.T. STA = 2331+87.37 N = 1,854,546.43 E = 1,177,402.92	Prop. Curve NBDR03 P.I. STA = 2398+13.58 N = 1,861,170.38 E = 1,177,231.19 Δ = 44° 36' 17.12" (LT) D = 2° 44' 29.13" R = 2,090.00 L = 1,627.06 E = 168.99 T = 857.27 P.C. STA = 2389+56.30 N = 1,860,313.48 E = 1,177,256.19 P.T. STA = 2405+83.37 N = 1,861,762.92 E = 1,176,611.65	Prop. Curve SBDR02 P.I. STA = 1316+17.76 N = 1,852,997.25 E = 1,177,445.02 Δ = 2° 58' 38.60" (LT) D = 0° 30' 08.86" R = 11,403.00 L = 592.56 E = 3.85 T = 296.35 P.C. STA = 1313+21.41 N = 1,852,701.02 E = 1,177,453.50 P.T. STA = 1319+13.97 N = 1,853,292.63 E = 1,177,421.16	Prop. Curve SBDR03 P.I. STA = 1328+44.90 N = 1,854,220.54 E = 1,177,346.22 Δ = 3° 16' 11.04" (RT) D = 0° 30' 28.59" R = 11,280.00 L = 643.72 E = 4.59 T = 321.95 P.C. STA = 1325+22.95 N = 1,853,899.63 E = 1,177,372.14 P.T. STA = 1331+66.67 N = 1,854,542.40 E = 1,177,338.64	Prop. Curve SBDR04 P.I. STA = 1397+75.78 N = 1,861,149.16 E = 1,177,163.97 Δ = 44° 32' 58.56" (LT) D = 2° 47' 41.70" R = 2,050.00 L = 1,593.95 E = 165.31 T = 839.71 P.C. STA = 1389+36.07 N = 1,860,309.83 E = 1,177,189.29 P.T. STA = 1405+30.02 N = 1,861,729.54 E = 1,176,557.11
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MATCHLINE STA. 1342+00 SB DAN RYAN



SEE ALIGNMENT SHEET 4 OF 4 FOR
ADDITIONAL POINT AND CURVE DATA

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	F.A.I. 94 (DAN RYAN EXPRESSWAY)	
		ALIGNMENT PLAN	
		SHEET 3 OF 4	
		SCALE: 1"=200'	DRAWN BY: JPM
		DATE: OCTOBER 17, 2008	CHECKED BY: DAK



TYLIN INTERNATIONAL

SB HALSTED ST.
EXIT RAMP
(RAMP HLSTDA)
POT STA = 7440+00.00
N = 1,839,490.94
E = 1,174,333.70
P.I. STA = 7449+69.78
N = 1,839,551.73
E = 1,173,365.83
POT STA = 7452+53.49
N = 1,839,544.76
E = 1,173,082.20

SB WENTWORTH AVE.
EXIT RAMP
(RAMP 99A)
POT STA = 7430+55.42
N = 1,840,141.17
E = 1,176,961.02
POT STA = 7431+32.26
N = 1,840,094.48
E = 1,176,899.99
POT STA = 7434+00.00
N = 1,839,955.89
E = 1,176,670.92

SB 95th ST. EXIT RAMP
(RAMP 95A)
POT STA = 7400+00.00
N = 1,844,139.73
E = 1,177,638.63
P.I. STA = 7413+83.54
N = 1,842,756.77
E = 1,177,598.60
POT STA = 7417+45.33
N = 1,842,395.13
E = 1,177,608.95

SB 87th ST.
ENTRANCE RAMP
(RAMP 87D)
POT STA = 7194+74.45
N = 1,847,424.06
E = 1,177,468.58
P.I. STA = 7200+00.00
N = 1,846,898.74
E = 1,177,484.09
POT STA = 7217+56.49
N = 1,845,147.17
E = 1,177,609.78

SB 87th ST. EXIT RAMP
(RAMP 87A)
POT STA = 7180+00.00
N = 1,848,946.30
E = 1,177,501.00
P.I. STA = 7189+97.67
N = 1,847,950.35
E = 1,177,442.53
POT STA = 7192+45.83
N = 1,847,702.29
E = 1,177,449.63

Prop. Curve 99A-1
P.I. STA = 7421+32.05
N = 1,840,832.05
E = 1,177,544.75
 $\Delta = 10^\circ 49' 08.53''$ (RT)
D = 2° 17' 30.59"
R = 2,500.00
L = 472.07
E = 11.18
T = 236.74
P.C. STA = 7418+95.31
N = 1,841,058.12
E = 1,177,615.03
P.T. STA = 7423+67.38
N = 1,840,623.20
E = 1,177,433.29

Prop. Curve 99A-2
P.I. STA = 7424+78.02
N = 1,840,525.59
E = 1,177,381.20
 $\Delta = 7^\circ 26' 49.68''$ (RT)
D = 3° 22' 13.22"
R = 1,700.00
L = 220.96
E = 3.60
T = 110.64
P.C. STA = 7423+67.38
N = 1,840,623.20
E = 1,177,433.29
P.T. STA = 7425+88.34
N = 1,840,435.56
E = 1,177,316.90

Prop. Curve 99A-3
P.I. STA = 7428+26.42
N = 1,840,241.82
E = 1,177,178.53
 $\Delta = 29^\circ 38' 02.27''$ (RT)
D = 6° 21' 58.31"
R = 900.00
L = 465.49
E = 30.96
T = 238.08
P.C. STA = 7425+88.34
N = 1,840,435.56
E = 1,177,316.90
P.T. STA = 7430+53.83
N = 1,840,141.84
E = 1,176,962.46

Prop. Curve D8700
P.I. STA = 7204+62.99
N = 1,846,437.54
E = 1,177,524.69
 $\Delta = 1^\circ 30' 03.72''$ (LT)
D = 0° 59' 47.21"
R = 5,750.00
L = 150.64
E = 0.49
T = 75.32
P.C. STA = 7203+87.66
N = 1,846,512.58
E = 1,177,518.09
P.T. STA = 7205+38.30
N = 1,846,362.71
E = 1,177,533.26

Prop. Curve D8701
P.I. STA = 7207+24.93
N = 1,846,177.29
E = 1,177,554.49
 $\Delta = 3^\circ 27' 36.43''$ (RT)
D = 2° 25' 25.25"
R = 2,364.00
L = 142.76
E = 1.08
T = 71.40
P.C. STA = 7206+53.52
N = 1,846,248.23
E = 1,177,546.37
P.T. STA = 7207+96.29
N = 1,846,105.99
E = 1,177,558.32

Prop. Curve 79D83A-1
P.I. STA = 7160+44.94
N = 1,852,394.55
E = 1,177,340.32
 $\Delta = 9^\circ 19' 12.90''$ (RT)
D = 5° 43' 46.48"
R = 1,000.00
L = 162.67
E = 3.32
T = 81.51
P.C. STA = 7159+63.43
N = 1,852,474.58
E = 1,177,324.82
P.T. STA = 7161+26.10
N = 1,852,313.07
E = 1,177,342.65

Prop. Curve 79D83A-2
P.I. STA = 7178+01.36
N = 1,850,638.94
E = 1,177,390.59
 $\Delta = 3^\circ 24' 57.69''$ (RT)
D = 5° 43' 46.48"
R = 1,000.00
L = 59.62
E = 0.44
T = 29.82
P.C. STA = 7177+71.54
N = 1,850,668.74
E = 1,177,389.73
P.T. STA = 7178+31.17
N = 1,850,609.13
E = 1,177,389.66

SB C-D RAMP
(RAMP 79D83A)
POT STA = 7157+39.92
N = 1,852,696.86
E = 1,177,308.11
P.I. STA = 7158+99.60
N = 1,852,537.24
E = 1,177,312.68
P.I. STA = 7164+45.78
N = 1,851,993.52
E = 1,177,351.80
P.I. STA = 7168+96.23
N = 1,851,543.85
E = 1,177,378.34
P.I. STA = 7171+49.17
N = 1,851,291.02
E = 1,177,385.58
P.I. STA = 7175+38.76
N = 1,850,901.43
E = 1,177,383.07
P.I. STA = 7180+50.02
N = 1,850,390.38
E = 1,177,382.88
POT STA = 7184+63.76
N = 1,849,976.81
E = 1,177,394.72

SB 76th/79th ST.
CD RAMP
(RAMP 76D79A)
POT STA = 7500+00.00
N = 1,854,771.42
E = 1,177,153.21
P.I. STA = 7502+53.66
N = 1,854,517.84
E = 1,177,159.17
P.I. STA = 7510+89.85
N = 1,853,689.73
E = 1,177,275.17
POT STA = 7522+05.42
N = 1,852,575.71
E = 1,177,319.03

Prop. Curve 76D79A-1
P.I. STA = 7514+90.72
N = 1,853,290.06
E = 1,177,316.40
 $\Delta = 2^\circ 48' 22.72''$ (RT)
D = 2° 18' 23.74"
R = 2,484.00
L = 121.66
E = 0.75
T = 60.84
P.C. STA = 7514+29.88
N = 1,853,350.72
E = 1,177,301.54
P.T. STA = 7515+51.54
N = 1,853,229.24
E = 1,177,307.99

Prop. Curve 76D79A-2
P.I. STA = 7518+45.22
N = 1,852,935.69
E = 1,177,316.40
 $\Delta = 6^\circ 31' 33.29''$ (RT)
D = 4° 50' 21.01"
R = 1,184.00
L = 134.86
E = 1.92
T = 67.50
P.C. STA = 7517+77.72
N = 1,853,003.16
E = 1,177,314.47
P.T. STA = 7519+12.57
N = 1,852,868.44
E = 1,177,310.65

SB 76th/79th ST.
CD EXIT CONNECTOR
(CD7679A)
POT STA = 9450+00.00
N = 1,854,751.70
E = 1,177,267.37
Prop. Curve CD7679A-1
P.I. STA = 9455+73.58
N = 1,854,179.28
E = 1,177,230.83
 $\Delta = 11^\circ 37' 34.33''$ (LT)
D = 2° 12' 13.26"
R = 2,600.00
L = 527.58
E = 13.44
T = 264.70
P.C. STA = 9453+08.88
N = 1,854,443.44
E = 1,177,247.69
P.T. STA = 9458+36.46
N = 1,853,917.14
E = 1,177,267.55

SB 76th/79th ST.
CD ENTRANCE CONNECTOR
(CD7679B)
POT STA = 9460+00.00
N = 1,853,693.06
E = 1,177,298.94
Prop. Curve CD7679B-1
P.I. STA = 9463+19.58
N = 1,853,376.57
E = 1,177,343.27
 $\Delta = 1^\circ 13' 13.54''$ (RT)
D = 0° 30' 18.91"
R = 11,340.00
L = 241.55
E = 0.64
T = 120.78
P.C. STA = 9461+98.80
N = 1,853,496.18
E = 1,177,326.52
P.T. STA = 9464+40.35
N = 1,853,256.63
E = 1,177,357.48

SB 71st/75th ST.
CD RAMP
(RAMP 71D75A)
POT STA = 7117+70.85
N = 1,857,886.40
E = 1,177,086.26
P.I. STA = 7120+00.00
N = 1,857,657.31
E = 1,177,091.65
P.I. STA = 7128+12.41
N = 1,856,850.29
E = 1,177,177.64
P.I. STA = 7128+74.10
N = 1,856,788.62
E = 1,177,179.10
P.I. STA = 7136+84.40
N = 1,855,981.27
E = 1,177,124.75
POT STA = 7140+00.21
N = 1,855,665.56
E = 1,177,132.18

Prop. Curve 71D75A-1
P.I. STA = 7124+10.68
N = 1,857,251.52
E = 1,177,154.81
 $\Delta = 5^\circ 35' 23.99''$ (RT)
D = 3° 05' 49.45"
R = 1,850.00
L = 180.49
E = 2.20
T = 90.32
P.C. STA = 7123+20.36
N = 1,857,340.76
E = 1,177,140.92
P.T. STA = 7125+00.86
N = 1,857,161.34
E = 1,177,159.94

Prop. Curve 71D75A-2
P.I. STA = 7132+74.89
N = 1,856,387.85
E = 1,177,175.17
 $\Delta = 6^\circ 30' 28.18''$ (RT)
D = 3° 51' 39.25"
R = 1,484.00
L = 168.56
E = 2.40
T = 84.37
P.C. STA = 7131+90.52
N = 1,856,472.22
E = 1,177,176.00
P.T. STA = 7133+59.08
N = 1,856,304.13
E = 1,177,164.79

SB 71st/75th ST.
CD EXIT CONNECTOR
(RAMP CD7175A)
POT STA = 9423+50.00
N = 1,857,297.2866
E = 1,177,207.4713
POT STA = 9426+50.01
N = 1,856,997.4225
E = 1,177,198.1891
CD ENTRANCE CONNECTOR
(RAMP CD7175B)
POT STA = 9429+50.00
N = 1,856,694.2083
E = 1,177,205.3235
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N = 1,856,204.7281
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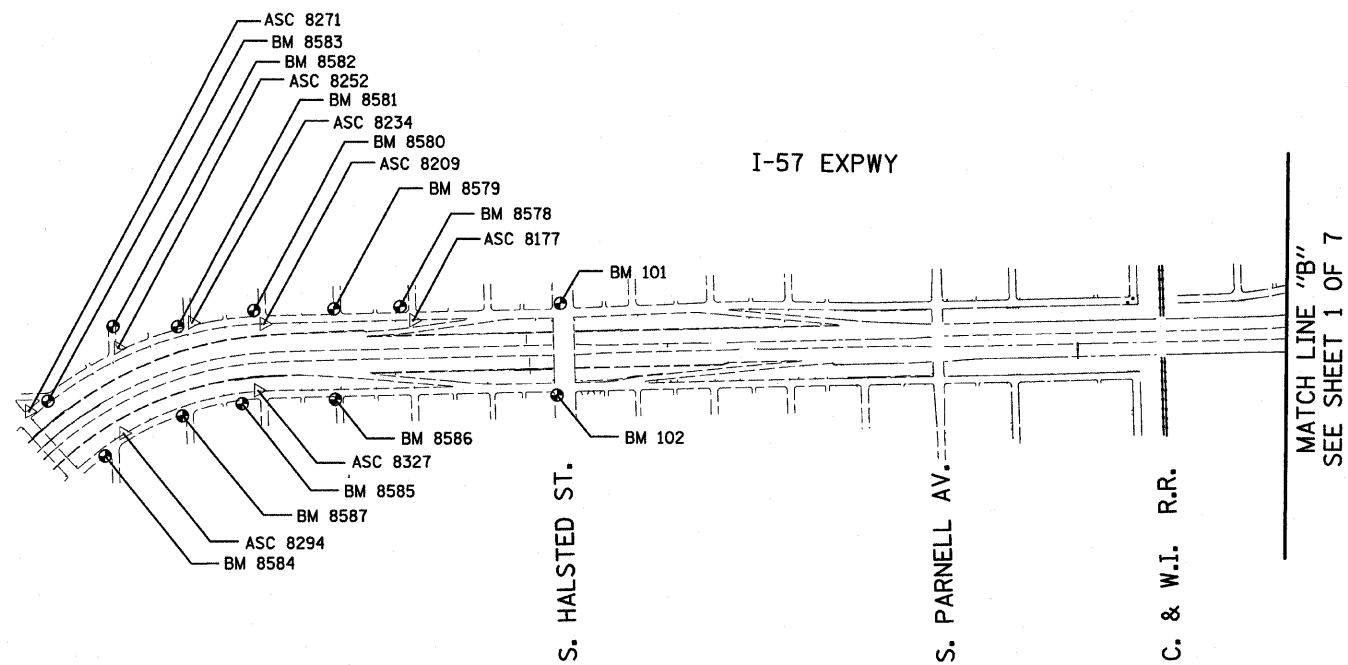
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1 I-7	COOK	58	10
STA. 2212+06.20		TO STA. 2243+03.23		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

62971

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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94 (DAN RYAN EXPRESSWAY)	
NAME	DATE		
		ALIGNMENT PLAN SHEET 4 OF 4	
SCALE: NO SCALE		DRAWN BY: JPA	
DATE: OCTOBER 17, 2008		CHECKED BY: JPM	

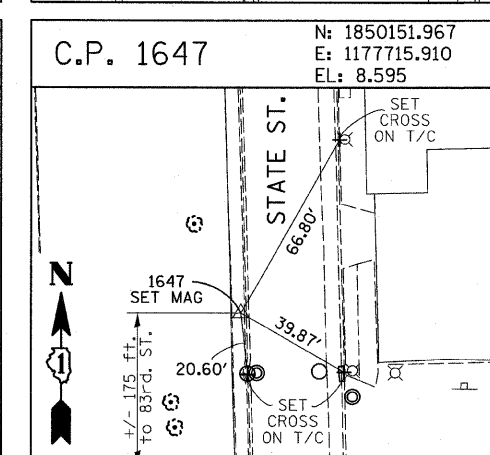
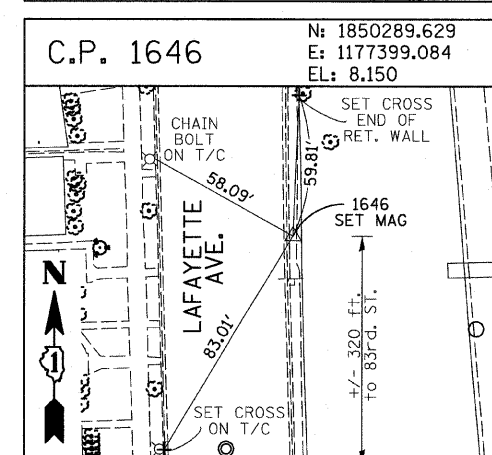
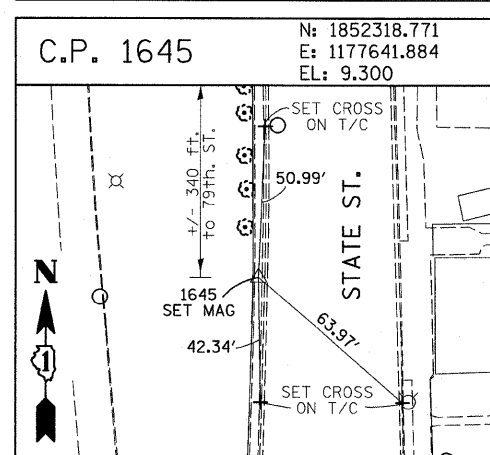
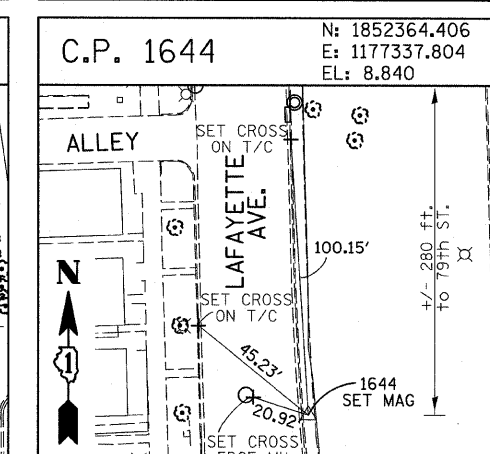
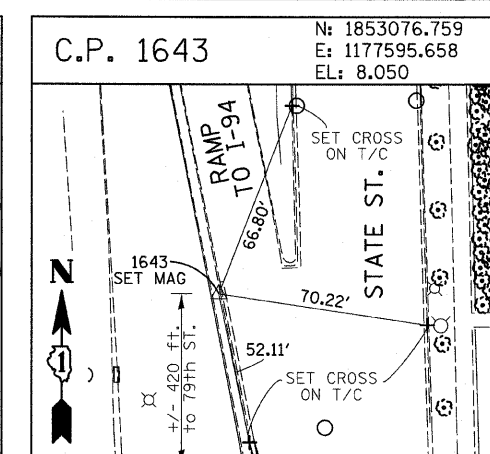
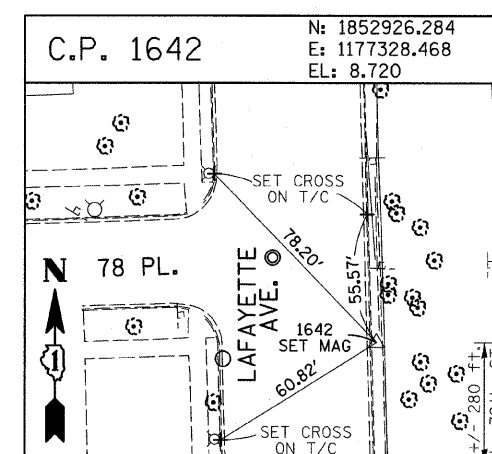
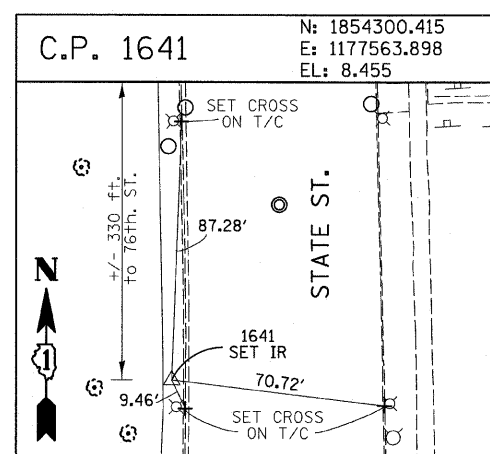
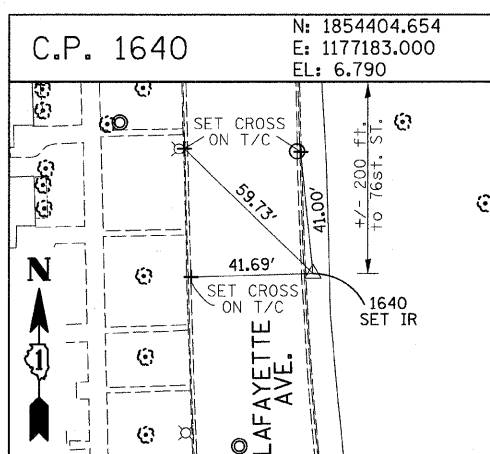
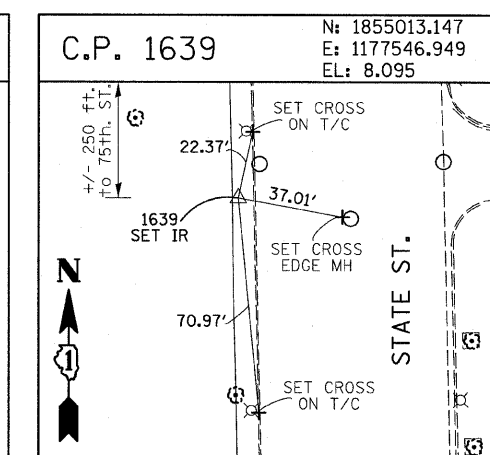
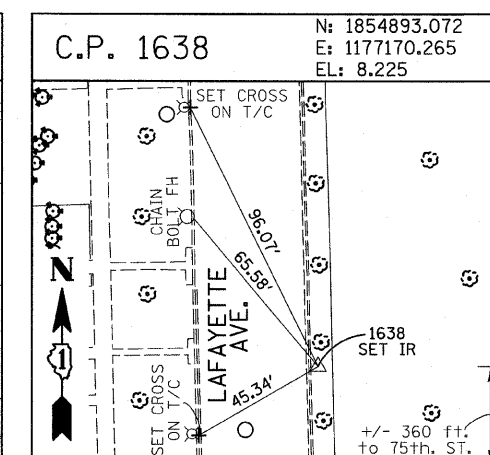
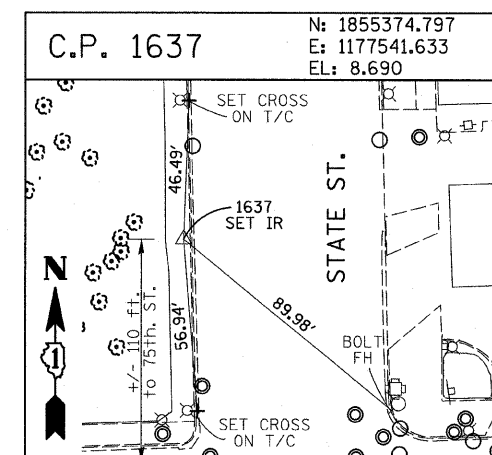
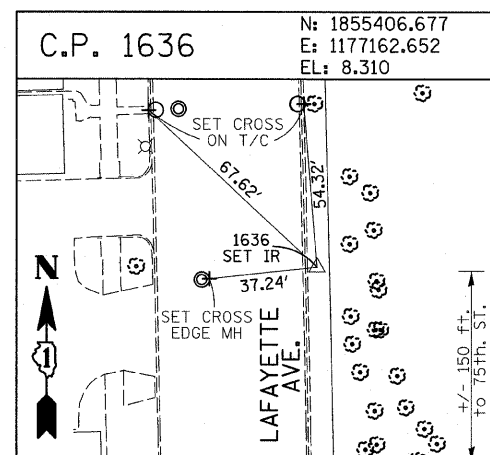
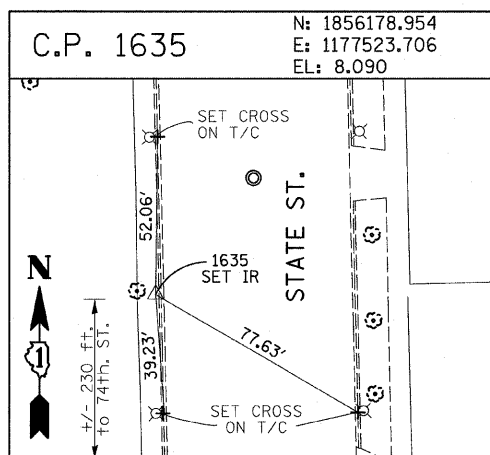
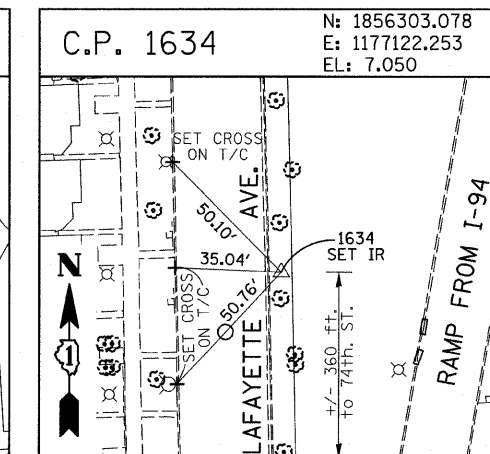
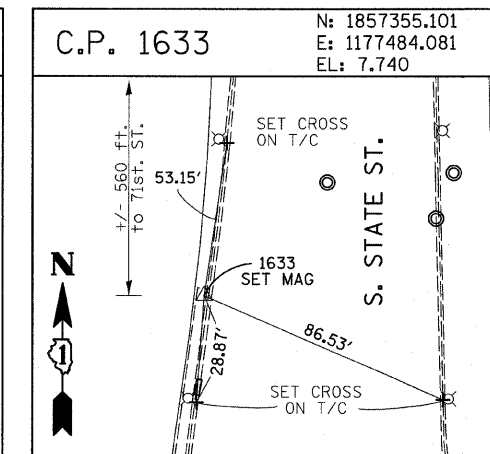
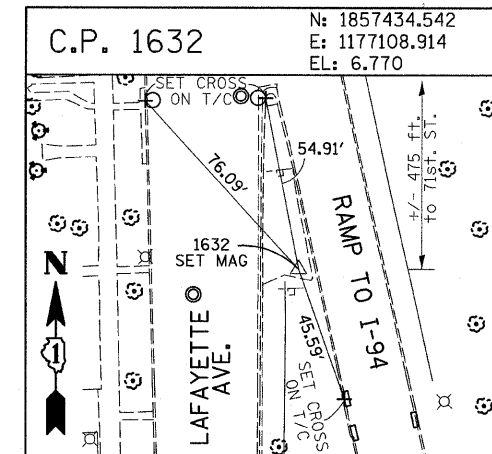
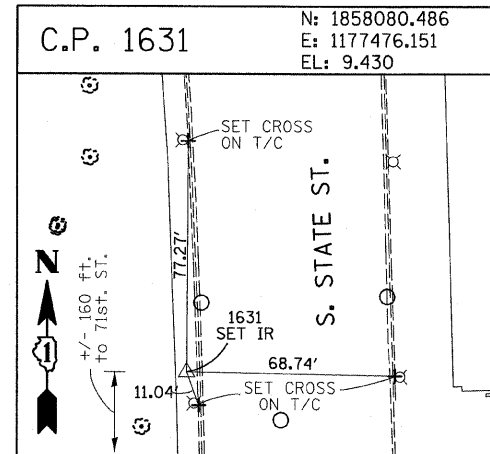
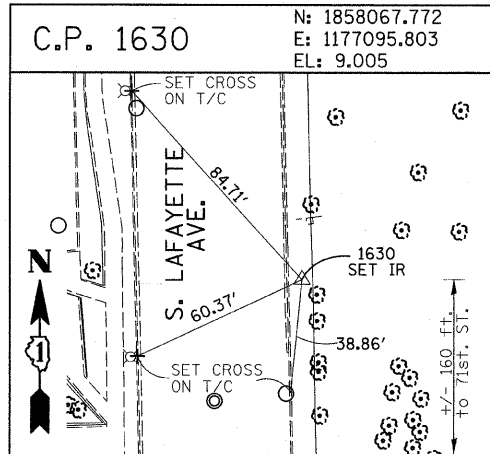
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1 I-7	COOK	58	12
STA. 2212+06.20 TO STA. 2243+03.23				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
62971				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
SURVEY TIES FOR CONTROL POINTS
SHEET 2 OF 7

SCALE: 1"=400'
DATE: OCTOBER 17, 2008
DRAWN BY: GSP
CHECKED BY: MMW

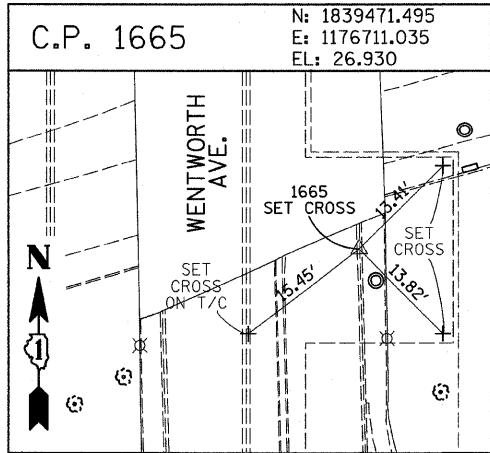
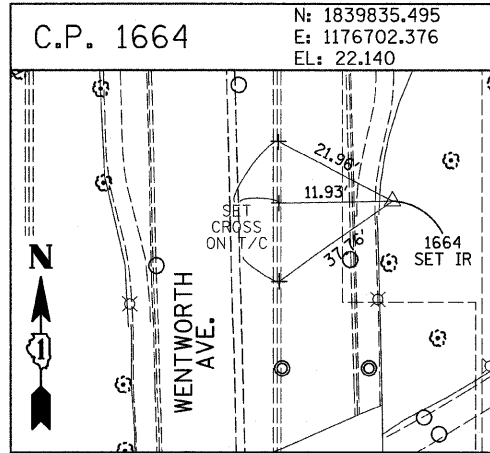
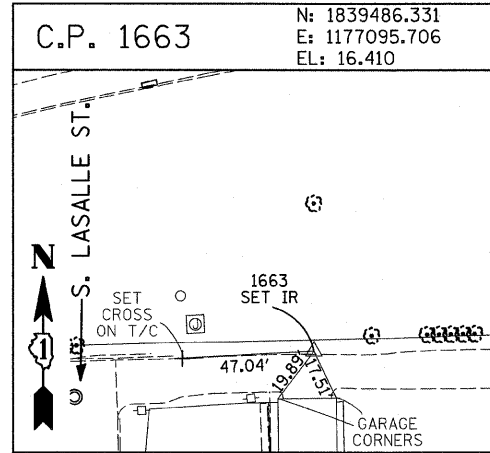
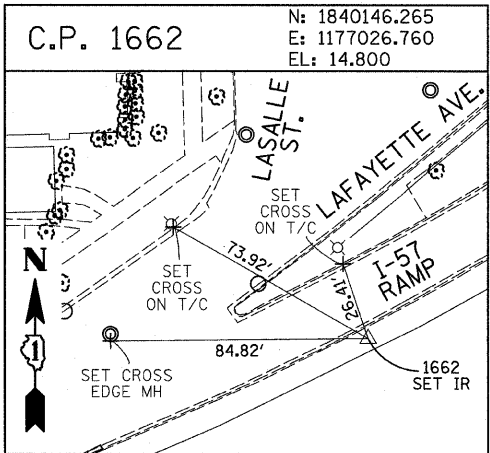
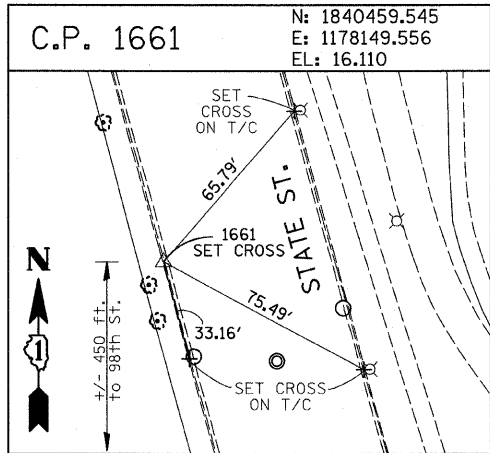
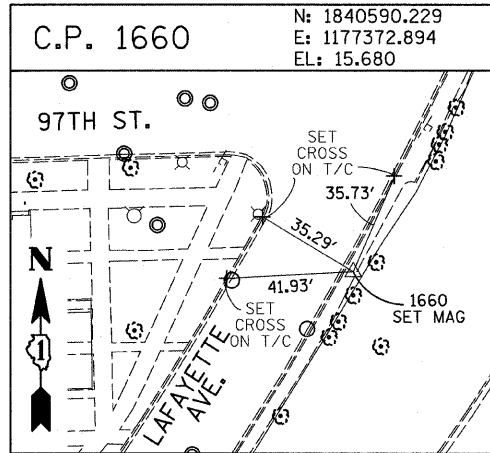
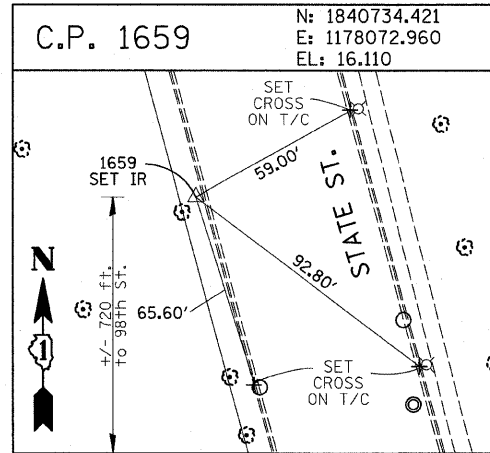
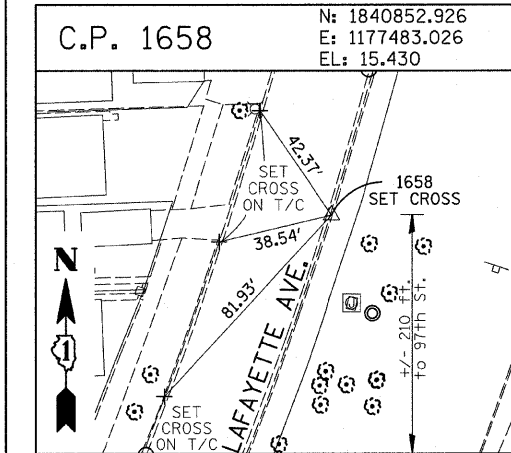
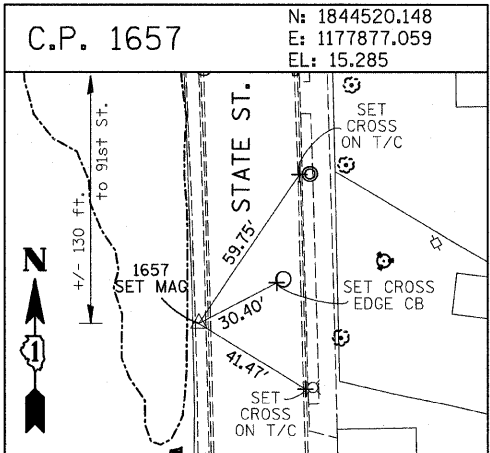
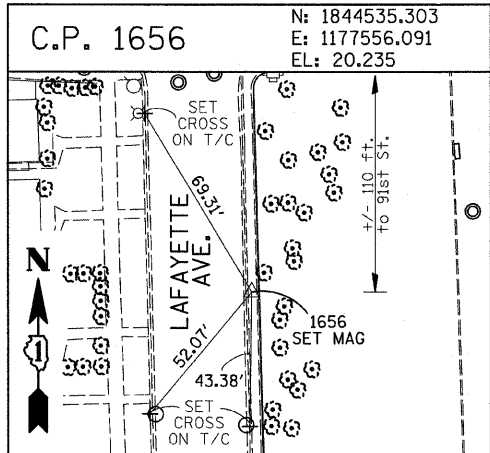
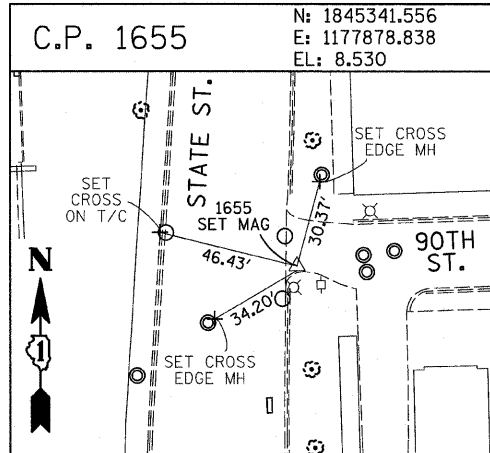
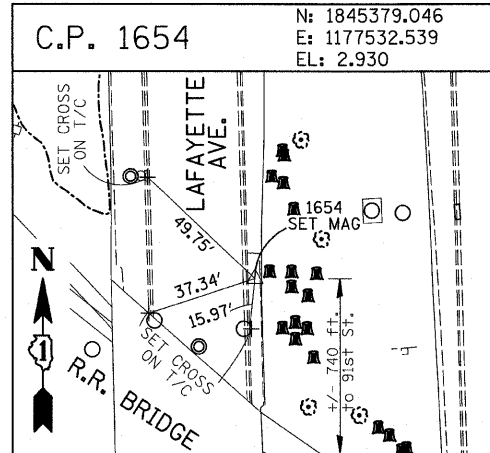
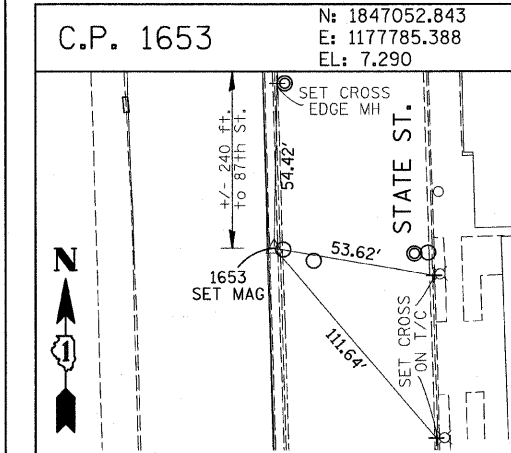
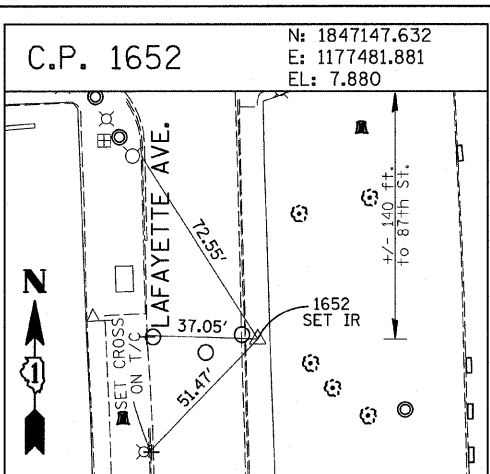
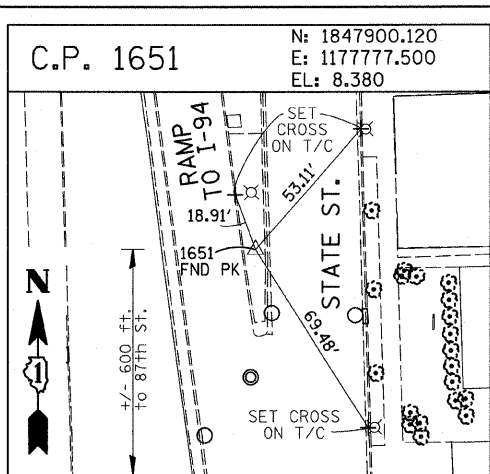
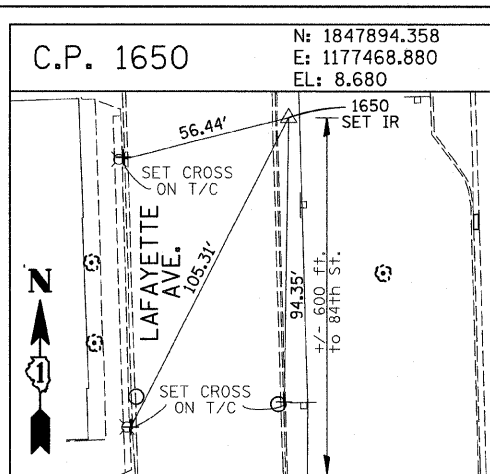
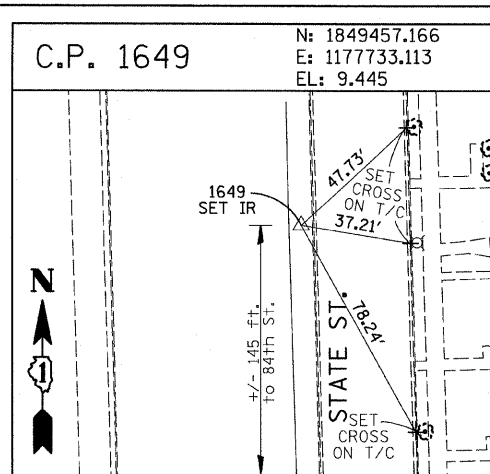
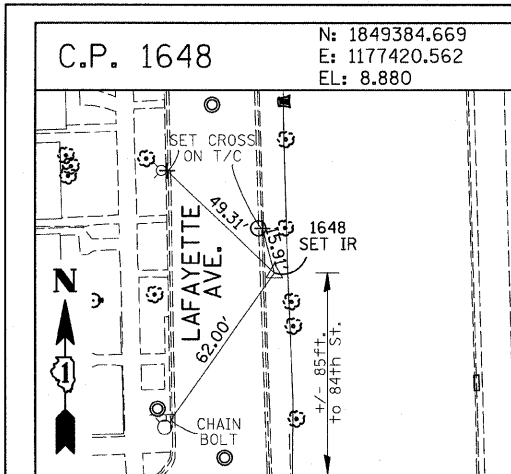


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1 I-7	COOK	58	13
STA. 2212+06.20 TO STA. 2243+03.23				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62971				

American Surveying Consultants, P.C.
1577 Plank Rd., Suite 200, IL 61021 605 N. Northwest Highway/Chicago, IL 60631
815-264-0231 773-763-1381

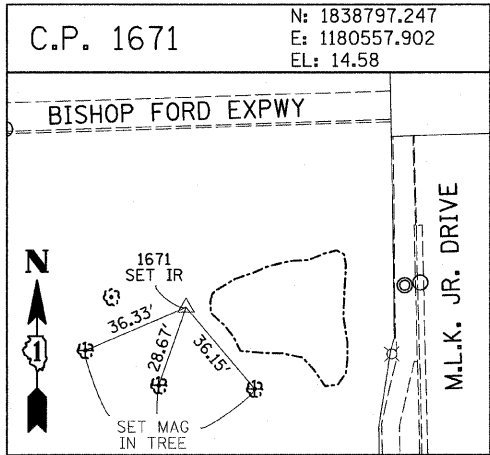
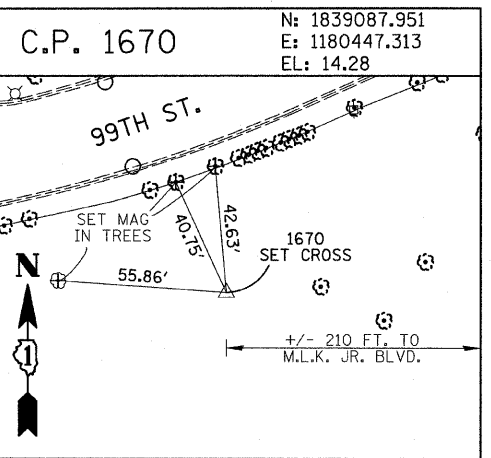
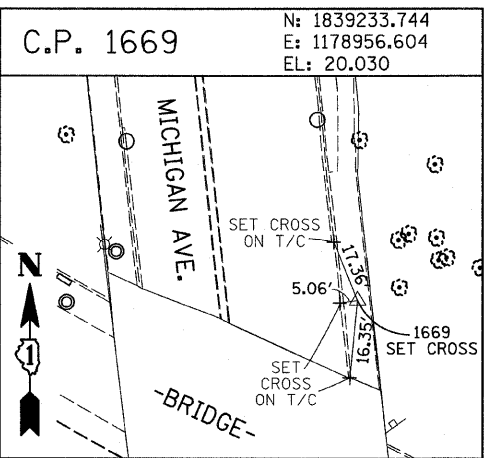
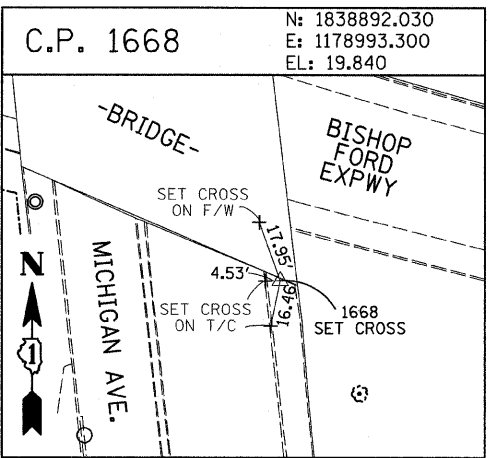
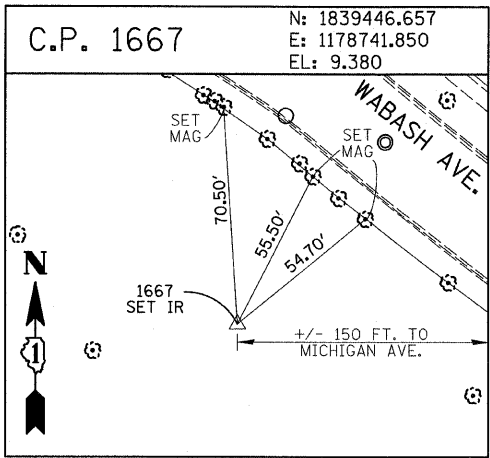
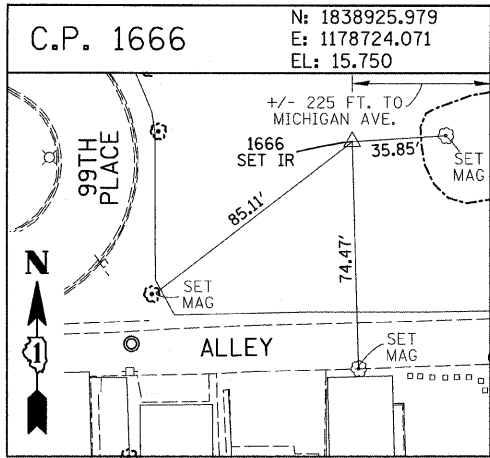
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
SURVEY TIES FOR CONTROL POINTS
SHEET 3 OF 7
SCALE: 1"=30'
DATE: OCTOBER 17, 2008
DRAWN BY: GSP
CHECKED BY: MMW



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1 I-7	COOK	58	14
STA. 2212+06.20		TO STA. 2243+03.23		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62971				

REVISIONS	
NAME	DATE



PROJECT BENCHMARKS

- BM 2231 ELEVATION= 10.24 FEET
SET CROSS ON CHAIN BOLT OF FIRE HYDRANT ON THE SOUTHWEST CORNER OF 71ST STREET AND LAFAYETTE AVENUE.
- BM 2232 ELEVATION= 8.46 FEET
SET CROSS ON CHAIN BOLT OF FIRST FIRE HYDRANT SOUTH OF 73RD STREET ON THE WEST SIDE OF LAFAYETTE AVENUE. APPROXIMATELY 330 FEET SOUTH OF 73RD STREET.
- BM 2233 ELEVATION= 9.90 FEET
SET CROSS ON NORTHWEST BOLT OF FIRE HYDRANT ON THE NORTHWEST CORNER OF 75TH STREET AND LAFAYETTE AVENUE.
- BM 2234 ELEVATION= 9.56 FEET
SET CROSS ON CHAIN BOLT OF FIRST FIRE HYDRANT SOUTH OF 75TH STREET ON THE WEST SIDE OF LAFAYETTE AVENUE. APPROXIMATELY 320 FEET SOUTH OF 75TH STREET.
- BM 2235 ELEVATION= 7.50 FEET
SET CROSS ON CHAIN BOLT OF FIRST FIRE HYDRANT SOUTH OF 76TH STREET ON THE WEST SIDE OF LAFAYETTE. APPROXIMATELY 330 FEET SOUTH OF 76TH STREET.
- BM 2236 ELEVATION= 10.41 FEET
SET CROSS ON WEST BOLT OF FIRE HYDRANT ON THE SOUTHWEST CORNER OF 79TH STREET AND LAFAYETTE AVENUE.
- BM 2237 ELEVATION= 9.20 FEET
SET CROSS ON CHAIN BOLT OF FIRST FIRE HYDRANT NORTH OF 83RD STREET ON THE WEST SIDE OF LAFAYETTE AVENUE. APPROXIMATELY 350 FEET NORTH OF 83RD STREET.
- BM 2238 ELEVATION= 10.04 FEET
SET CROSS ON CHAIN BOLT OF FIRE HYDRANT OF THE NORTHWEST CORNER OF 4TH STREET AND LAFAYETTE AVENUE.
- BM 2239 ELEVATION= 9.59 FEET
SET CROSS ON CHAIN BOLT OF SECOND FIRE HYDRANT NORTH OF 87TH STREET ON THE WEST SIDE OF LAFAYETTE AVENUE. APPROXIMATELY 720 FEET NORTH OF 87TH STREET.
- BM 2240 ELEVATION= 9.49 FEET
SET CROSS ON THE NORTHWEST BOLT OF FIRE HYDRANT ON THE SOUTHWEST CORNER OF 78TH STREET AND LAFAYETTE AVENUE.
- BM 2241 ELEVATION= 3.63 FEET
SET SQUARE CUT ON TOP OF CURB NEXT TO LIGHT POLE ON THE NORTHWEST CORNER OF LAFAYETTE AVENUE AND RAILROAD BRIDGE. APPROXIMATELY 770 FEET NORTH OF 91ST STREET.
- BM 2242 ELEVATION= 22.82 FEET
SET CROSS ON CHAIN BOLT OF FIRE HYDRANT ON THE SOUTHWEST CORNER OF 91ST STREET AND LAFAYETTE AVENUE.
- BM 2243 ELEVATION= 15.68 FEET
SET SQUARE CUT ON THE TOP OF CURB NEXT TO THIRD LIGHT POLE NORTH OF 97TH STREET ON THE WEST SIDE OF LAFAYETTE AVENUE. APPROXIMATELY 260 FEET NORTH OF 97TH STREET.
- BM 2244 ELEVATION= 15.94 FEET
SET SQUARE CUT ON TOP OF CURB NEXT TO LIGHT POLE ON THE NORTH SIDE OF 98TH STREET. APPROXIMATELY 120 FEET EAST OF WENTWORTH AVENUE.

- BM 2245 ELEVATION= 16.35 FEET
SET SQUARE CUT ON THE EAST END OF CURB AT THE NORTHEAST CORNER OF FIRST ALLEY NORTH OF 99TH STREET. APPROXIMATELY 35 FEET EAST OF LASALLE STREET.
- BM 2246 ELEVATION= 20.00 FEET
SET SQUARE CUT WITH CROSS ON TOP OF ABUTMENT WALL ON THE NORTHWEST CORNER OF STATE STREET BRIDGE OVER THE BISHOP FORD EXPRESSWAY. APPROXIMATELY 20 FEET NORTH OF THE NORTH EDGE OF THE BRIDGE.
- BM 2248 ELEVATION= 9.77 FEET
SET CROSS ON CHAIN BOLT OF FIRST FIRE HYDRANT NORTH OF RAILROAD BRIDGE ON THE EAST SIDE OF STATE STREET. APPROXIMATELY 110 FEET SOUTH OF 90TH STREET.
- BM 2249 ELEVATION= 9.67 FEET
SET CROSS ON CHAIN BOLT OF FIRE HYDRANT ON THE NORTHWEST CORNER OF 87TH AND STATE STREET.
- BM 2250 ELEVATION= 10.03 FEET
SET CROSS ON CHAIN BOLT OF FIRE HYDRANT ON THE NORTHWEST CORNER OF 83RD ST. AND STATE STREET.
- BM 2251 ELEVATION= 10.95 FEET
FOUND CROSS ON EAST BOLT OF FIRE HYDRANT ON THE EAST SIDE OF STATE STREET. APPROXIMATELY 135 FEET NORTH OF 79TH STREET.
- BM 2252 ELEVATION= 10.02 FEET
SET CROSS ON WEST BOLT OF FIRE HYDRANT ON THE NORTHWEST CORNER OF STATE STREET AND 76TH STREET.
- BM 2254 ELEVATION= 9.17 FEET
SET CROSS ON CHAIN BOLT OF FIRST FIRE HYDRANT SOUTH OF 73RD STREET ON THE EAST SIDE OF STATE STREET. APPROXIMATELY 330 FEET SOUTH OF 73RD STREET.
- BM 2255 ELEVATION= 11.25 FEET
SET CROSS ON CHAIN BOLT OF FIRE HYDRANT ON THE NORTHWEST CORNER OF 71ST STREET AND STATE STREET.
- BM 2256 ELEVATION= 16.36 FEET
SET SQUARE CUT ON TOP OF ABUTMENT WALL ON THE NORTHWEST CORNER OF MARTIN LUTHER KING DRIVE BRIDGE OVER THE BISHOP FORD EXPRESSWAY. APPROXIMATELY 1 FOOT NORTH OF THE NORTH END OF THE BRIDGE.
- BM 2257 ELEVATION= 18.25 FEET
SET CROSS ON NORTHEAST BOLT OF LIGHT POLE BASE ON THE EAST SIDE OF STATE STREET. APPROXIMATELY 970 FEET SOUTH OF 95TH STREET.
- BM 2258 ELEVATION= 10.53 FEET
SET CROSS ON NORTHWEST BOLT OF LIGHT BASE ON NORTHWEST CORNER OF 71ST STREET AND LAFAYETTE AVENUE.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1 I-7	COOK	58	15
STA. 2212+06.20 TO STA. 2243+03.23				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
62971				

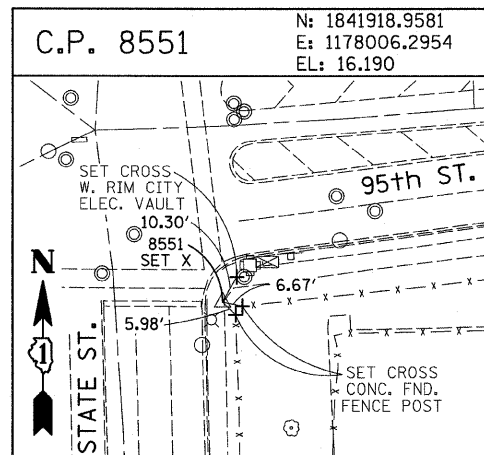
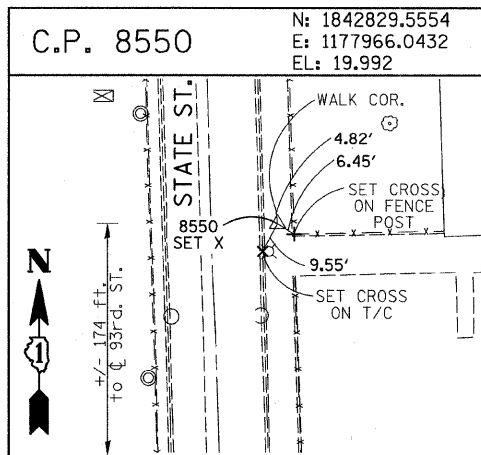
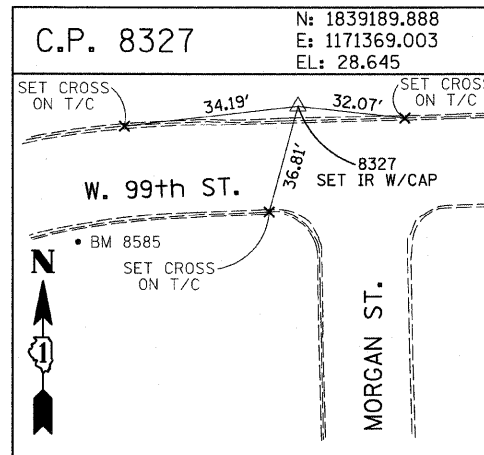
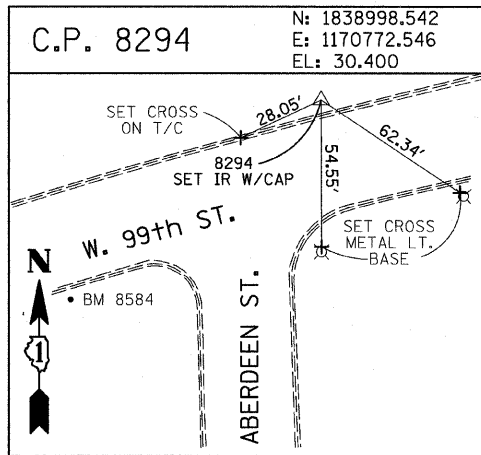
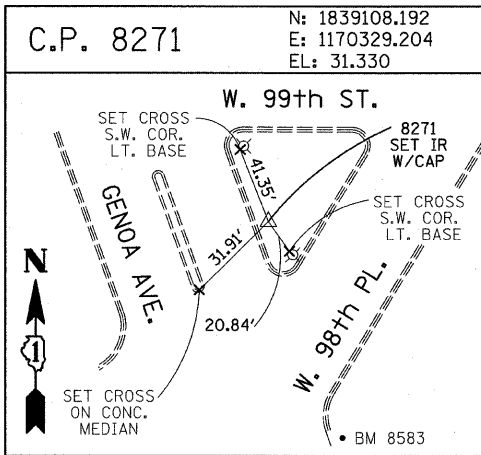
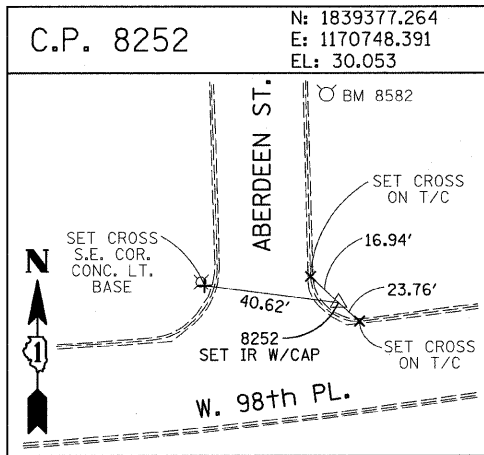
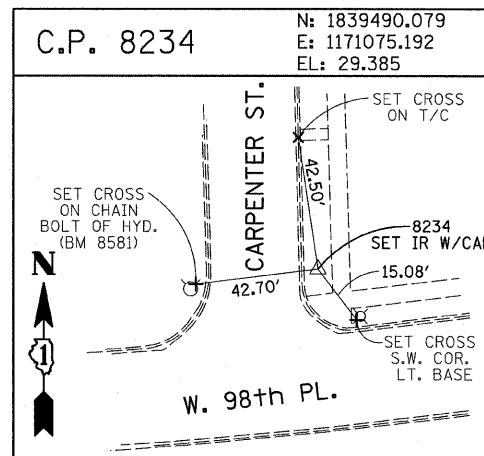
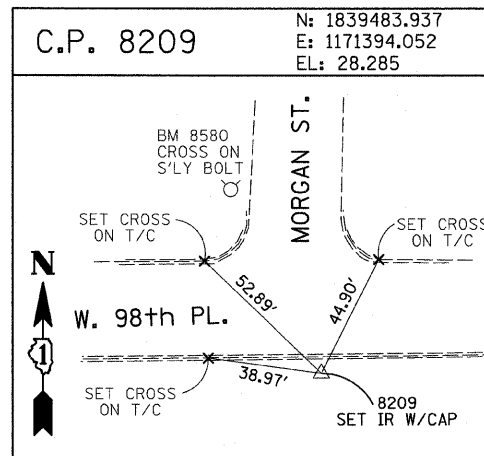
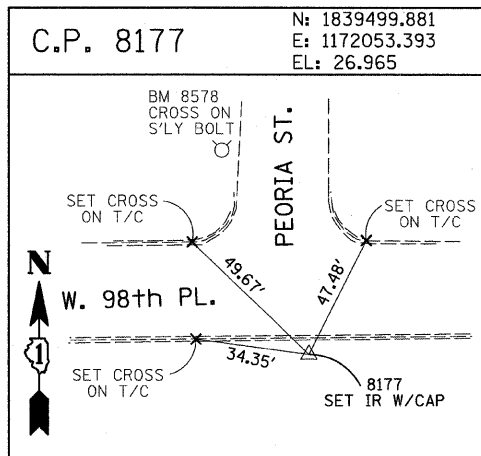
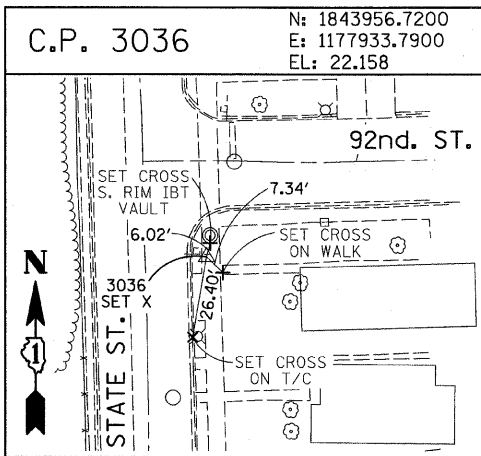
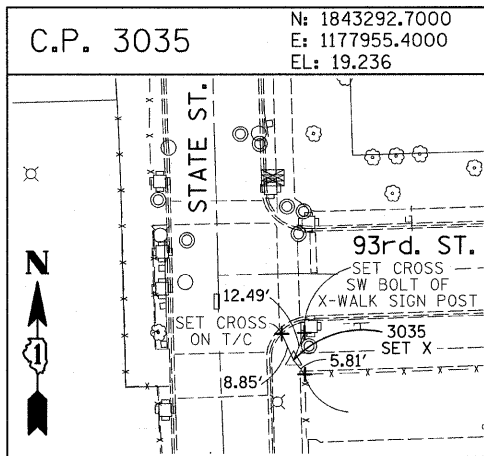
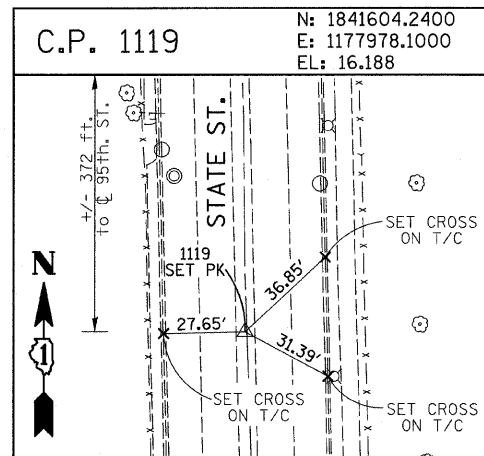
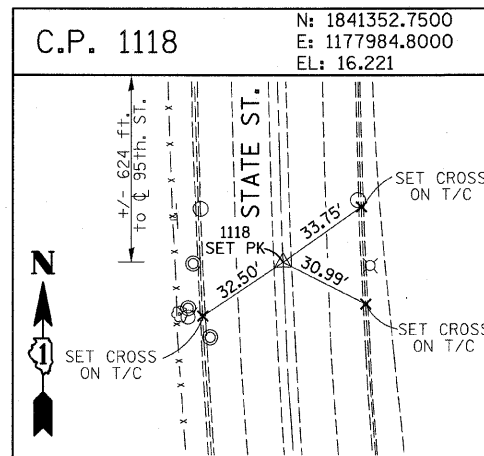
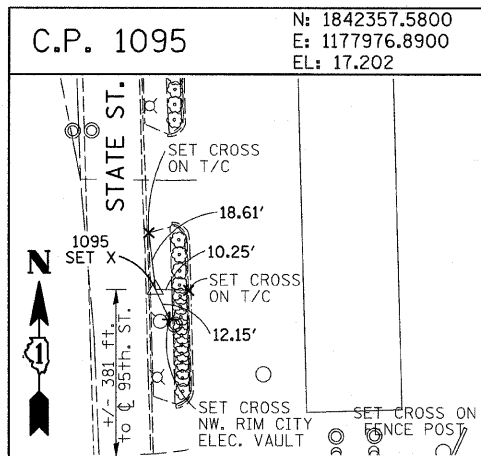
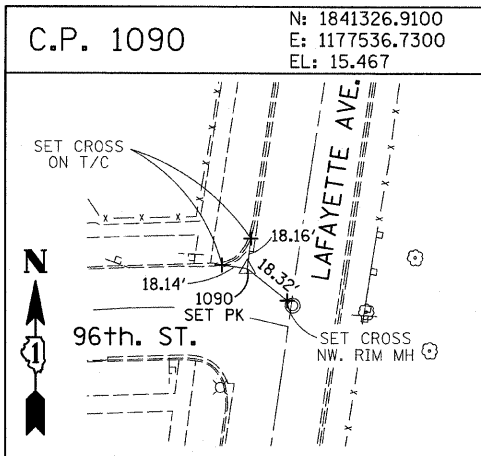
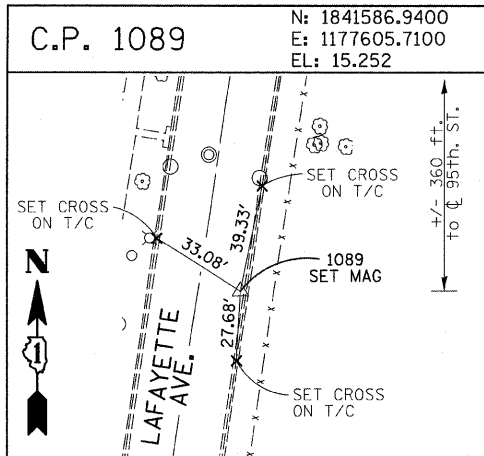
REVISIONS	
NAME	DATE

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

SURVEY TIES FOR CONTROL POINTS
SHEET 5 OF 7

SCALE: 1"=30'
DATE: OCTOBER 17, 2008
DRAWN BY: GSP
CHECKED BY: MMW

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1 I-7	COOK	58	16
STA. 2212+06.20 TO STA. 2243+03.23		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		62971		



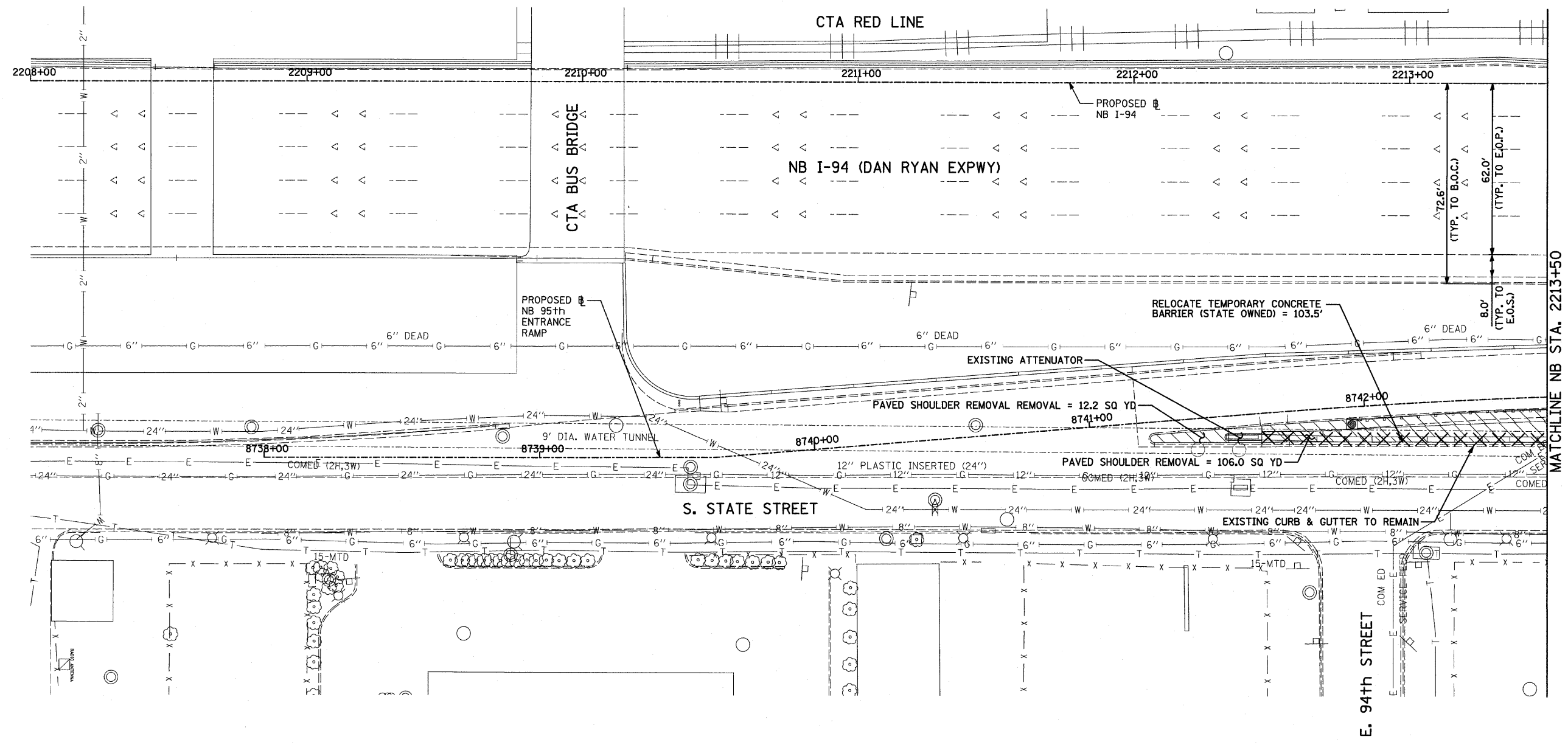
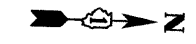
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
SURVEY TIES FOR CONTROL POINTS
SHEET 6 OF 7

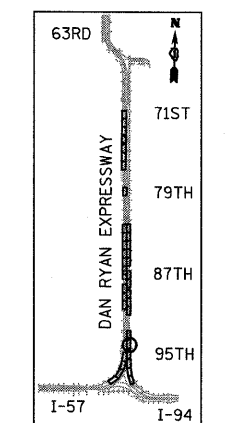
SCALE: 1"=30'
DATE: OCTOBER 17, 2008
DRAWN BY: GSP
CHECKED BY: MMW

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1 I-7	COOK	58	18
STA. 2212+06.20 TO STA. 2243+03.23				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

62971



MATCHLINE NB STA. 2213+50



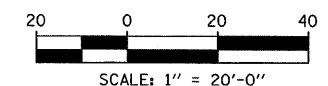
LOCATION MAP

LEGEND:

- PAVED SHOULDER REMOVAL
- COMB CONC CURB & GUTTER REMOVAL
- CHAIN LINK FENCE REMOVAL
- CONCRETE BARRIER/GUARDRAIL REMOVAL
- TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)

NOTE:

SIGNS SHALL BE RELOCATED AT A MINIMUM OF 3 FEET FROM THE FRONT FACE OF THE PROPOSED KNEE WALL OR MOUNTED TO THE FRONT FACE OF THE RECONSTRUCTED PARAPET. EXACT PLACEMENT SHALL BE DETERMINED BY THE ENGINEER. PAID FOR AS "RELOCATED EXISTING SIGN PANEL, SPECIAL".



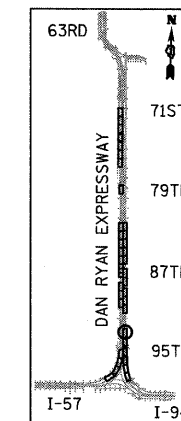
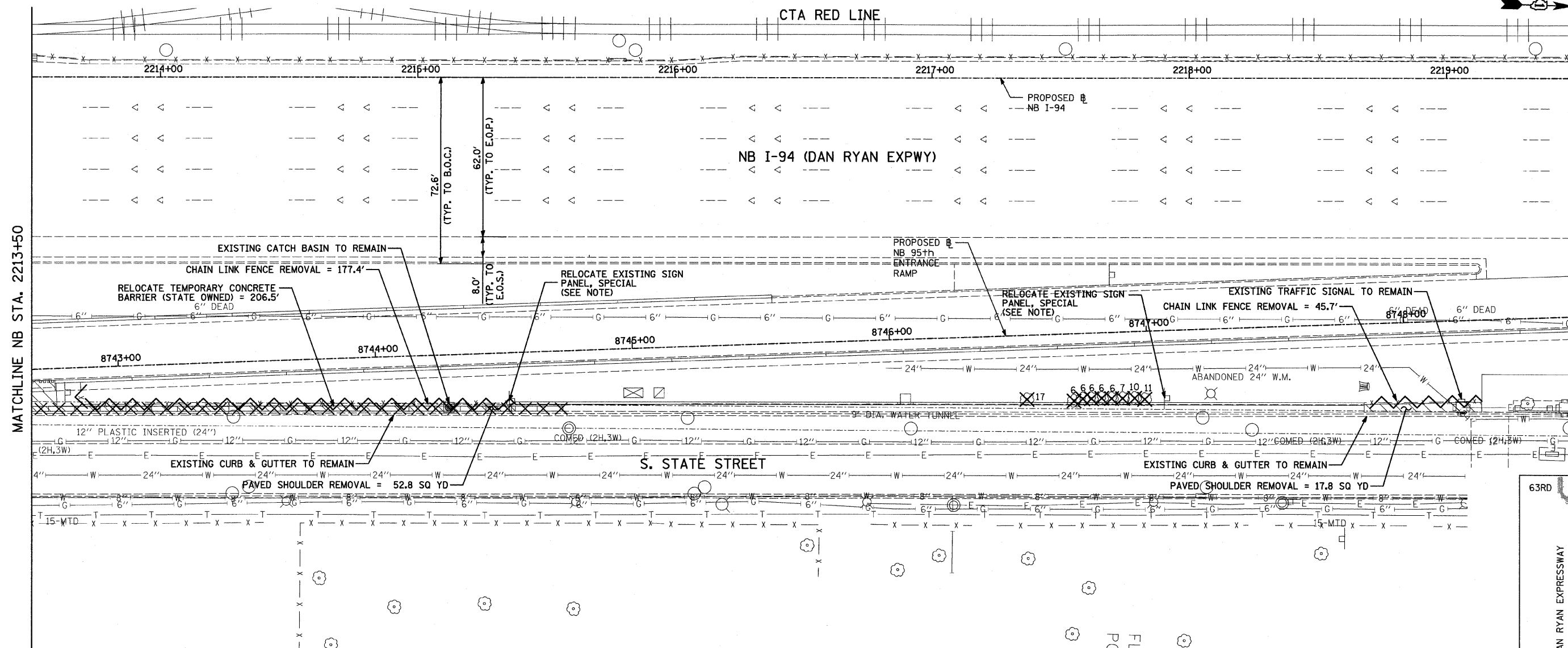
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
REMOVAL PLAN
NB I-94 (DAN RYAN EXPRESSWAY)
STA. 2208+00 TO 2213+50
 SCALE: 1"=20' DRAWN BY: AMB, MAF, TB
 DATE: OCTOBER 17, 2008 CHECKED BY: TGB, MI

TYLIN INTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1 I-7	COOK	58	20
STA. 2212+06.20		TO STA. 2243+03.23		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

62971



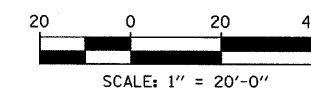
LOCATION MAP

LEGEND:

- PAVED SHOULDER REMOVAL
- COMB CONC CURB & GUTTER REMOVAL
- CHAIN LINK FENCE REMOVAL
- CONCRETE BARRIER/GUARDRAIL REMOVAL
- TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)

NOTE:

SIGNS SHALL BE RELOCATED AT A MINIMUM OF 3 FEET FROM THE FRONT FACE OF THE PROPOSED KNEE WALL OR MOUNTED TO THE FRONT FACE OF THE RECONSTRUCTED PARAPET. EXACT PLACEMENT SHALL BE DETERMINED BY THE ENGINEER, PAID FOR AS "RELOCATED EXISTING SIGN PANEL, SPECIAL".



REVISIONS	
NAME	DATE

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

REMOVAL PLAN
NB I-94 (DAN RYAN EXPRESSWAY)
STA. 2213+50.00 TO 2219+50.00

SCALE: 1"=20'
DATE: OCTOBER 17, 2008
DRAWN BY: AMB, MAF, TB
CHECKED BY: TGB, MI

TYLIN INTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1 I-7	COOK	58	21
STA. 2212+06.20 TO STA. 2243+03.23				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

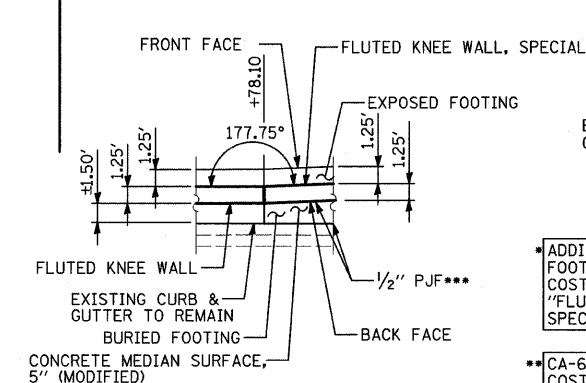
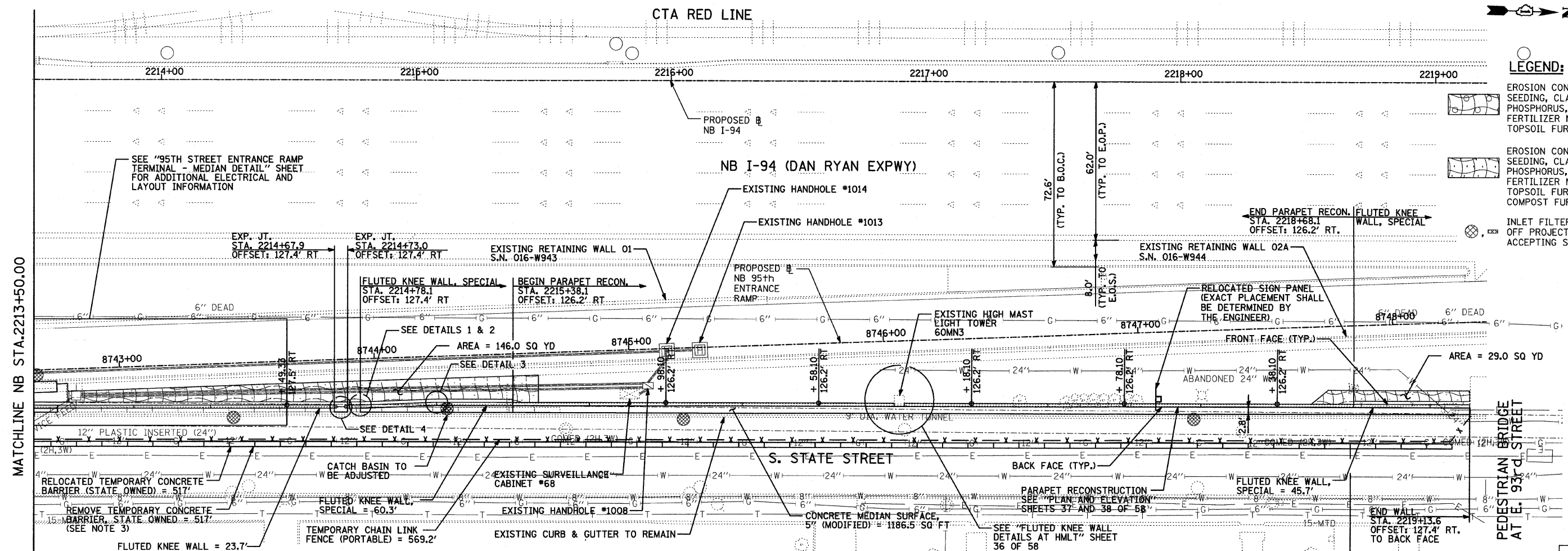
62971

LEGEND:

EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"

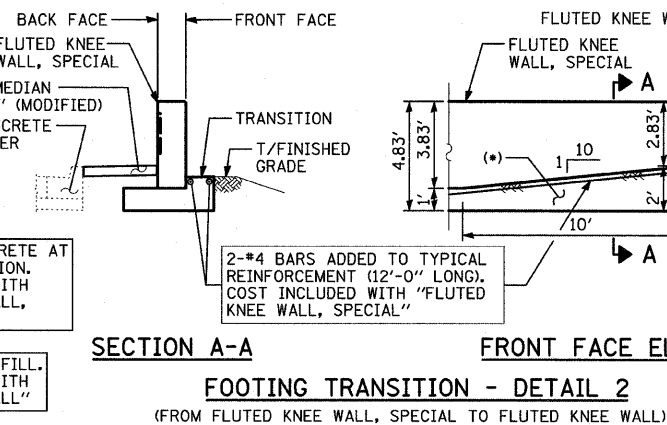
EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"

INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF



DETAIL 1

*** COST INCLUDED WITH "CONCRETE MEDIAN SURFACE, 5\"/>

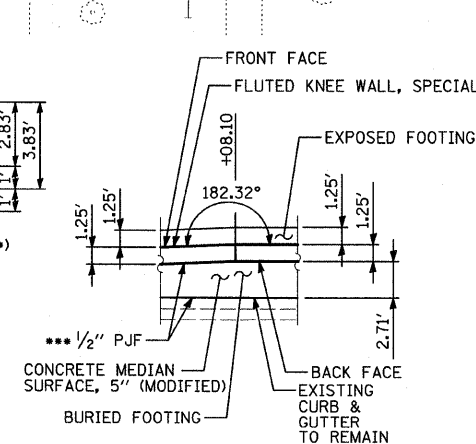


SECTION A-A

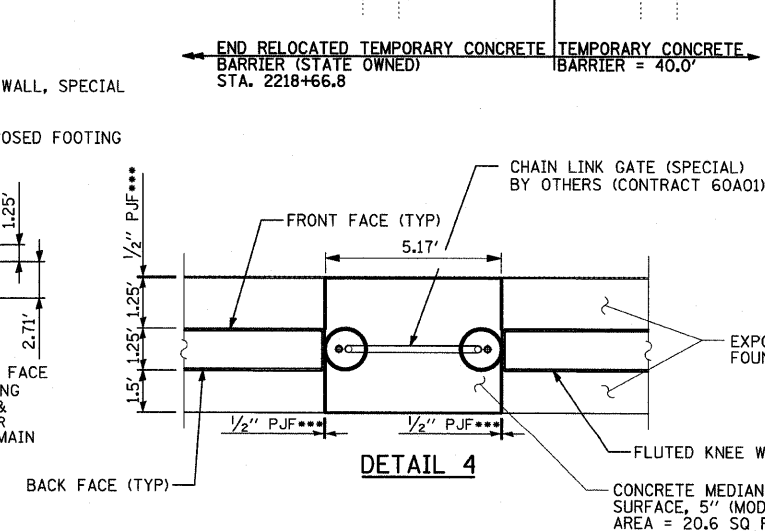
FOOTING TRANSITION - DETAIL 2
(FROM FLUTED KNEE WALL, SPECIAL TO FLUTED KNEE WALL)

NOTES:

1. STATION AND OFFSET CALLOUTS ALONG THE LENGTH OF EITHER FLUTED KNEE WALL OR FLUTED KNEE WALL, SPECIAL ARE TAKEN FROM THE FRONT FACE SIDE AT PROPOSED EXPANSION JOINT LOCATIONS.
2. THE CONTRACTOR SHALL PROTECT AND USE CAUTION DURING CONSTRUCTION OPERATIONS AROUND ALL EXISTING PUBLIC OR PRIVATE UTILITY FACILITIES.
3. TEMPORARY CONCRETE BARRIER, STATE OWNED SHALL NOT BE REMOVED UNTIL ALL CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED OR AS DIRECTED BY THE ENGINEER.

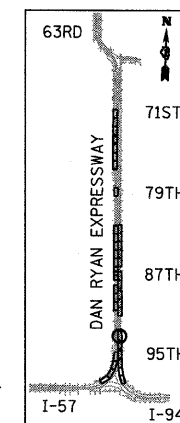


DETAIL 3

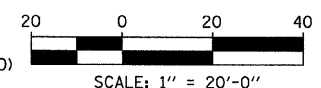


DETAIL 4

*** COST INCLUDED WITH "CONCRETE MEDIAN SURFACE, 5\"/>



LOCATION MAP



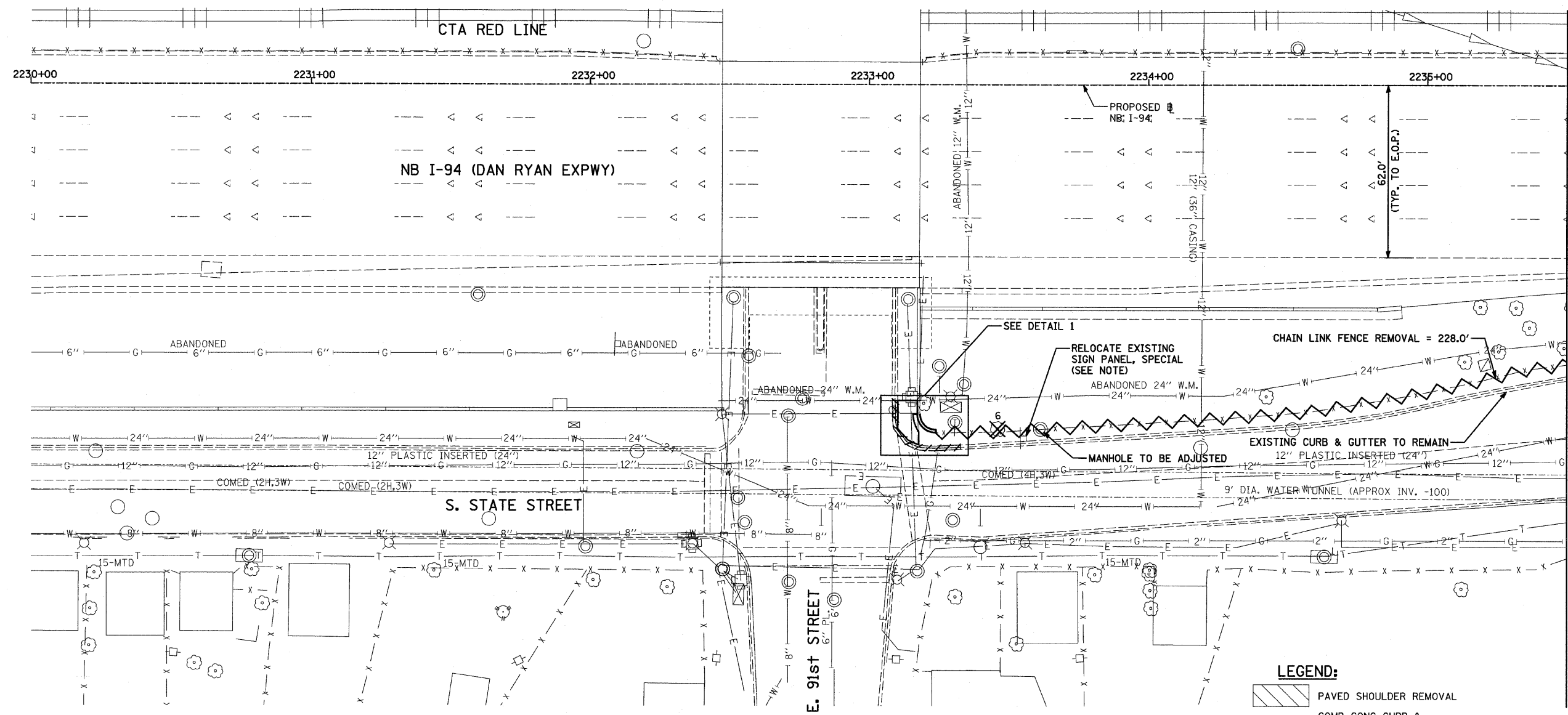
REVISIONS		DATE
NAME	DATE	

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

PROPOSED PLAN
NB I-94 (DAN RYAN EXPRESSWAY)
STA. 2213+50.00 TO STA. 2219+50.00

SCALE: 1"=20'
DATE: OCTOBER 17, 2008
DRAWN BY: AMB, MAF
CHECKED BY: TGB, MI

TYLIN INTERNATIONAL



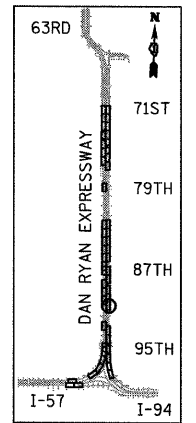
MATCHLINE NB STA. 2235+50.00

LEGEND:

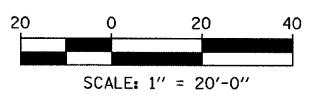
- PAVED SHOULDER REMOVAL
- COMB CONC CURB & GUTTER REMOVAL
- CHAIN LINK FENCE REMOVAL
- CONCRETE BARRIER/GUARDRAIL REMOVAL
- TREE REMOVAL (UNITS) (NO UNIT SHOWN = <6)

NOTE:

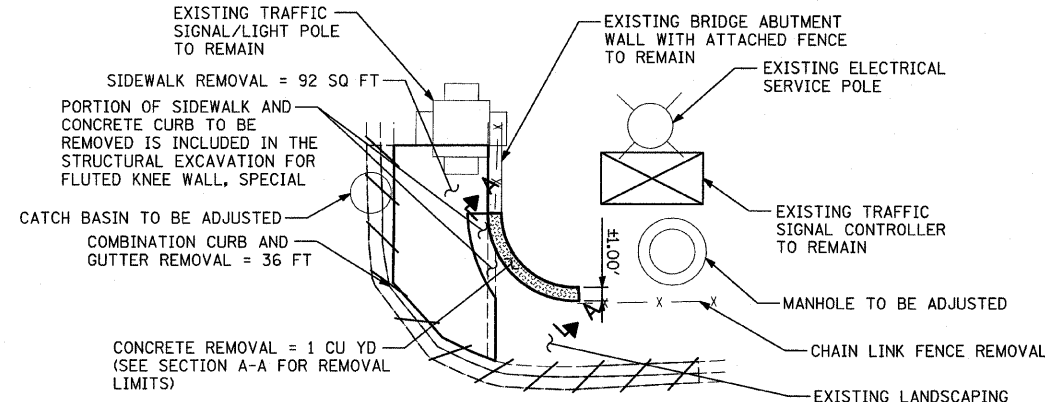
SIGNS SHALL BE RELOCATED AT A MINIMUM OF 3 FEET FROM THE FRONT FACE OF THE PROPOSED KNEE WALL OR MOUNTED TO THE FRONT FACE OF THE RECONSTRUCTED PARAPET. EXACT PLACEMENT SHALL BE DETERMINED BY THE ENGINEER, PAID FOR AS "RELOCATED EXISTING SIGN PANEL, SPECIAL".



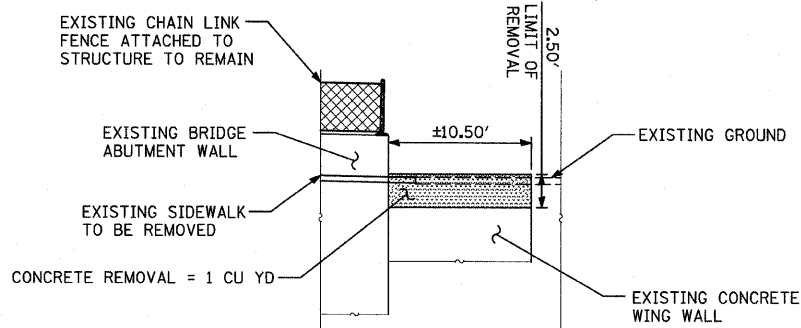
LOCATION MAP



DETAIL 1: INTERSECTION CORNER REMOVAL PLAN



SECTION A-A: EXPANDED CROSS SECTION - EXISTING WALL CONCRETE REMOVAL PLAN



TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

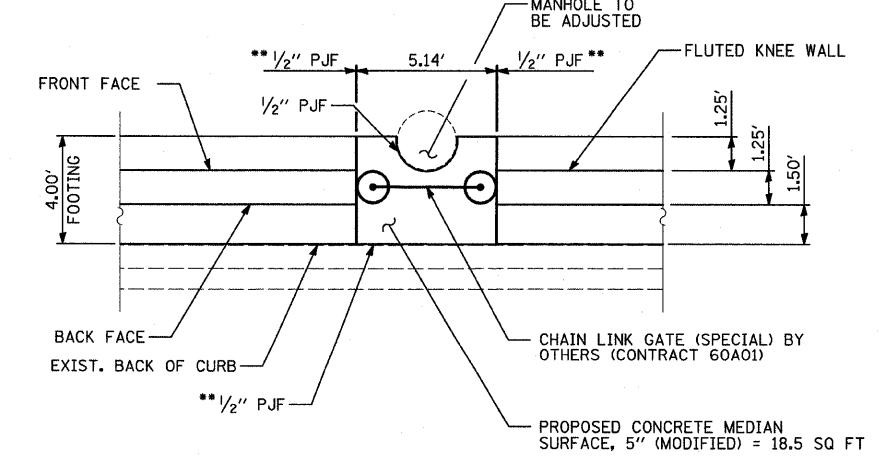
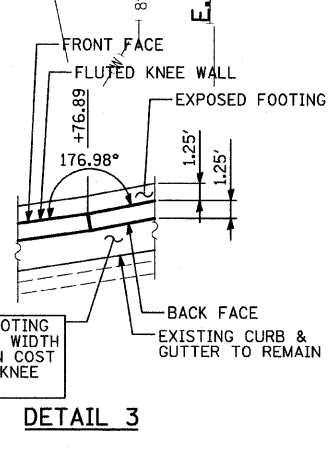
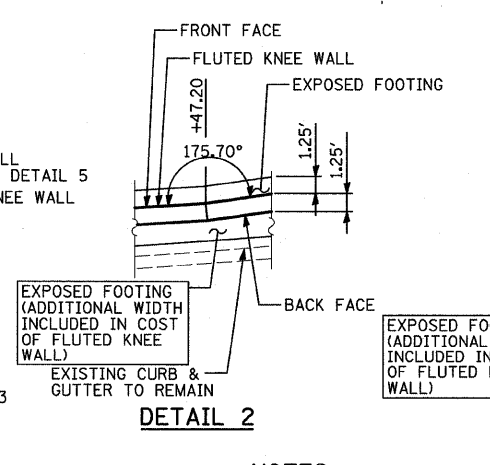
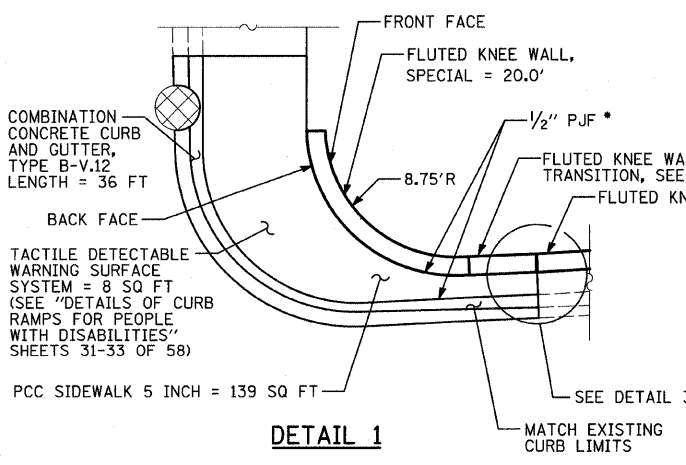
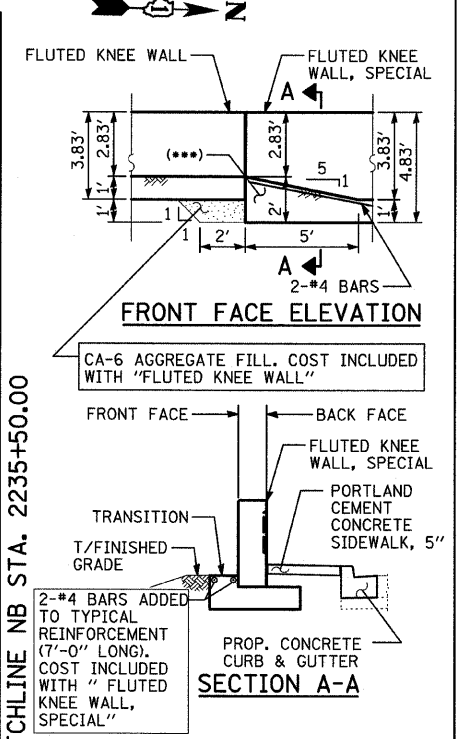
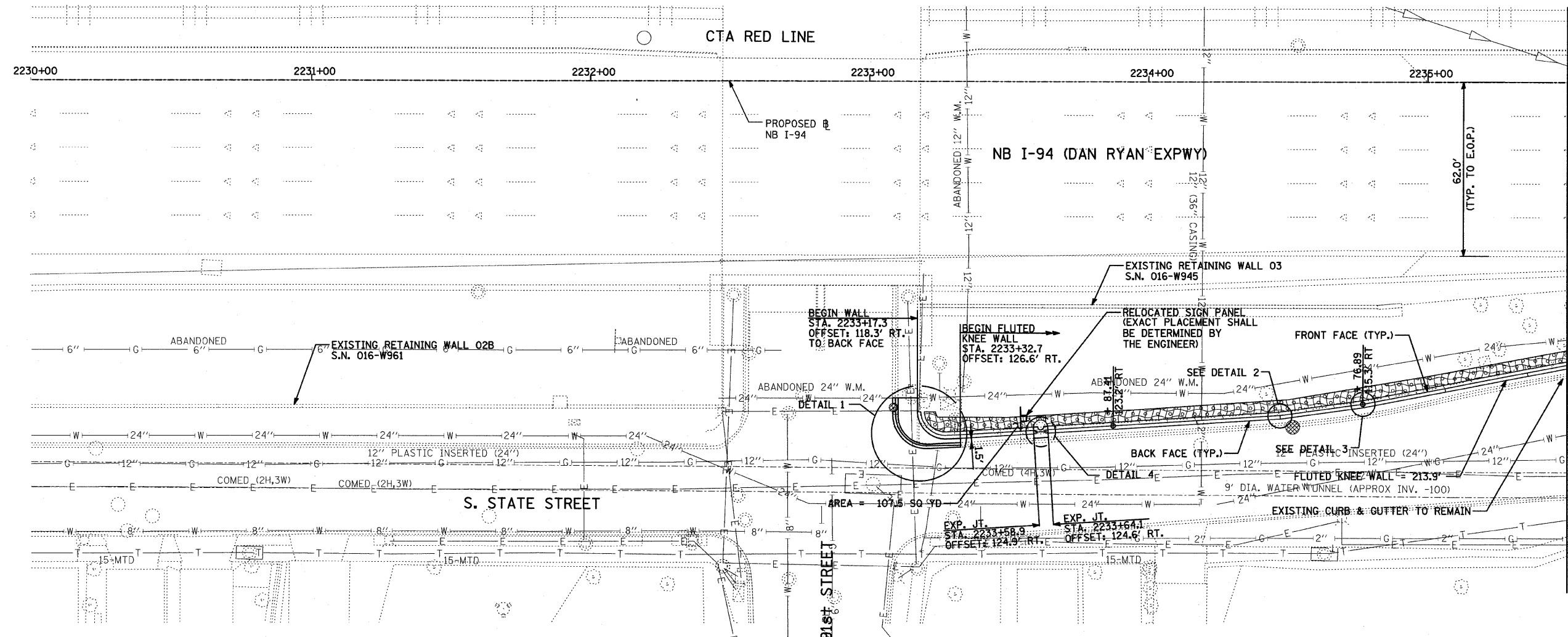
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)

REMOVAL PLAN
NB I-94 (DAN RYAN EXPRESSWAY)
STA. 2230+00.00 TO 2235+50.00

SCALE: 1"=20' DRAWN BY: AMB, MAF, TB
DATE: OCTOBER 17, 2008 CHECKED BY: TGB, MT

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1 I-7	COOK	58	23
STA. 2212+06.20 TO STA. 2243+03.23				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

62971



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, 6"
- INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF

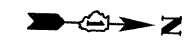
LOCATION MAP

- NOTES:**
- STATION AND OFFSET CALLOUTS ALONG THE LENGTH OF EITHER FLUTED KNEE WALL OR FLUTED KNEE WALL, SPECIAL ARE TAKEN FROM THE FRONT FACE SIDE AT PROPOSED EXPANSION JOINT LOCATIONS.
 - THE CONTRACTOR SHALL PROTECT AND USE CAUTION DURING CONSTRUCTION OPERATIONS AROUND ALL EXISTING PUBLIC OR PRIVATE UTILITY FACILITIES.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	F.A.I. 94 (DAN RYAN EXPRESSWAY)	
		PROPOSED PLAN	
		NB I-94 (DAN RYAN EXPRESSWAY)	
		STA. 2230+00.00 TO 2235+50.00	
		SCALE: 1"=20'	
		DATE: OCTOBER 17, 2008	
		DRAWN BY: AMB, MAF	
		CHECKED BY: TGB, MI	

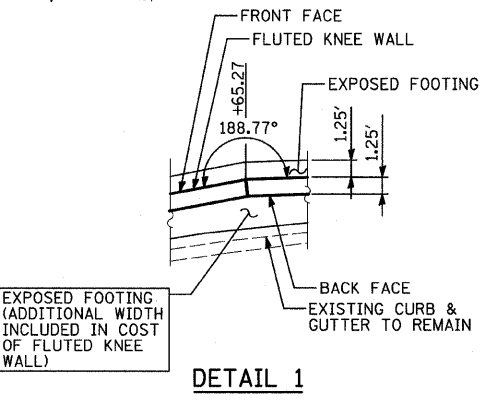
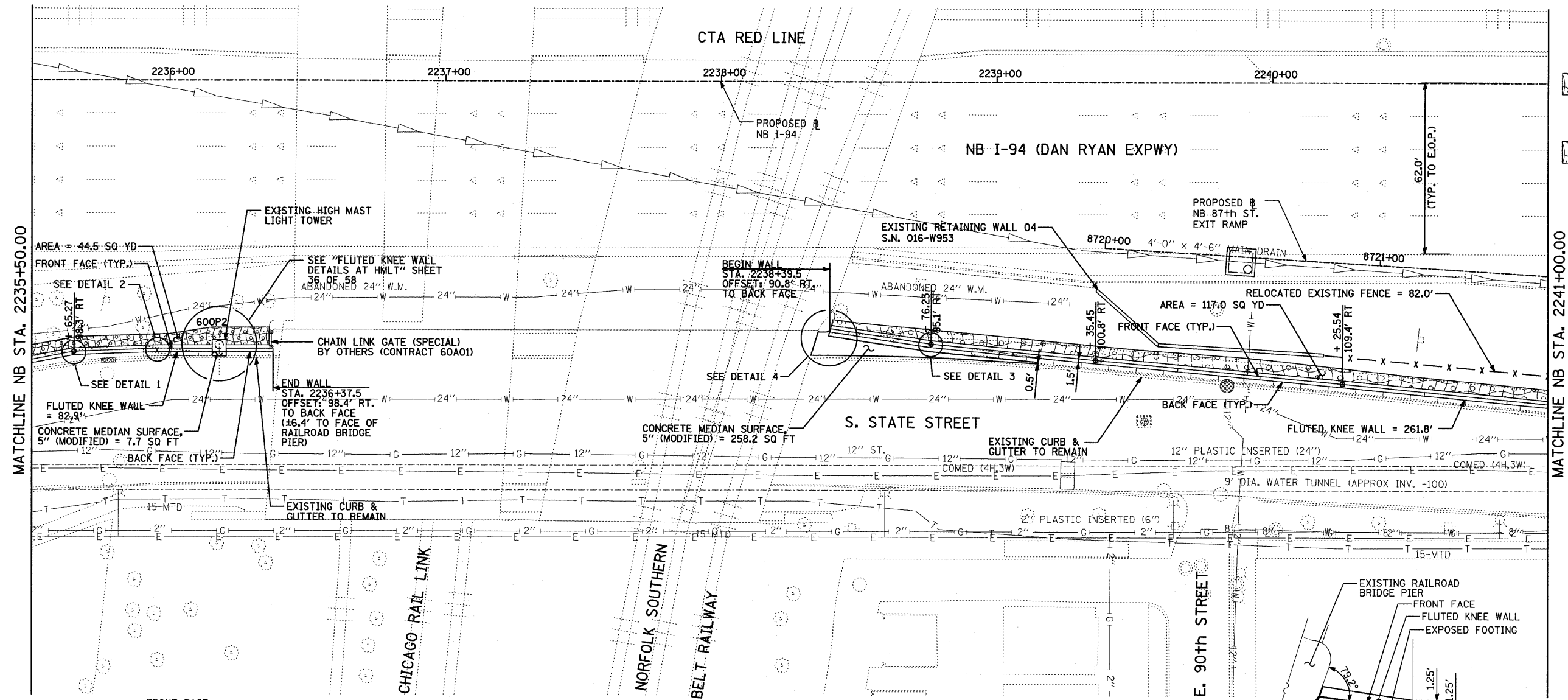
TYLIN INTERNATIONAL

COST INCLUDED WITH "CONCRETE MEDIAN SURFACE, 5\"

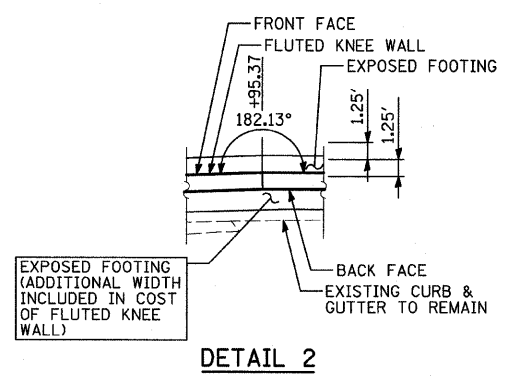


LEGEND:

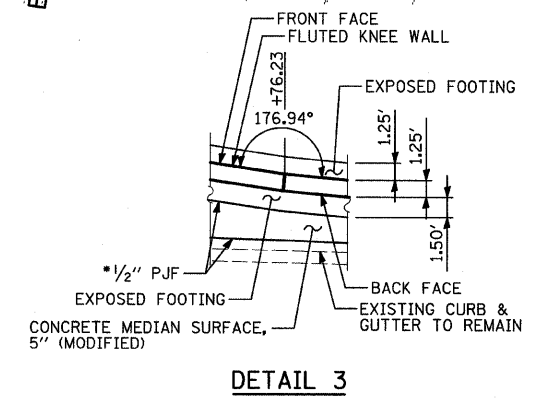
- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"
- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12"
- INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF



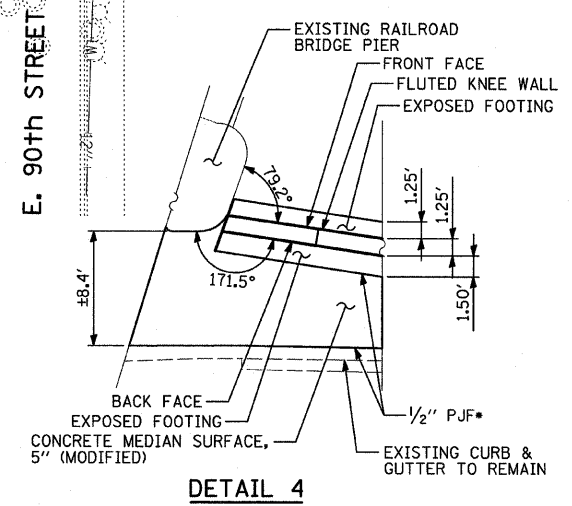
DETAIL 1



DETAIL 2



DETAIL 3



DETAIL 4

NOTES:

- STATION AND OFFSET CALLOUTS ALONG THE LENGTH OF EITHER FLUTED KNEE WALL OR FLUTED KNEE WALL, SPECIAL ARE TAKEN FROM THE FRONT FACE SIDE AT PROPOSED EXPANSION JOINT LOCATIONS.
- THE CONTRACTOR SHALL PROTECT AND USE CAUTION DURING CONSTRUCTION OPERATIONS AROUND ALL EXISTING PUBLIC OR PRIVATE UTILITY FACILITIES.

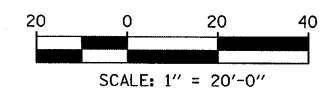
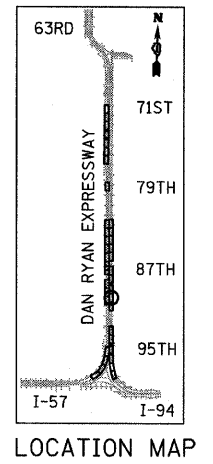
REVISIONS	
NAME	DATE

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

PROPOSED PLAN
NB I-94 (DAN RYAN EXPRESSWAY)
STA. 2235+50.00 TO 2241+00.00

SCALE: 1"=20'
 DATE: OCTOBER 17, 2008

DRAWN BY: AMB, MAF
 CHECKED BY: TGB, MI



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1 I-7	COOK	58	27
STA. 2212+06.20 TO STA. 2243+03.23		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		62971		

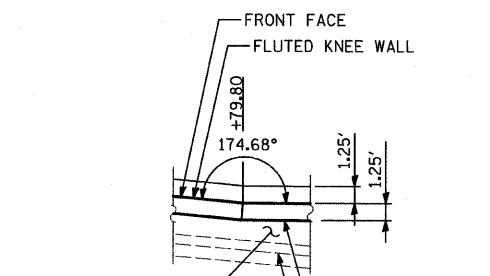
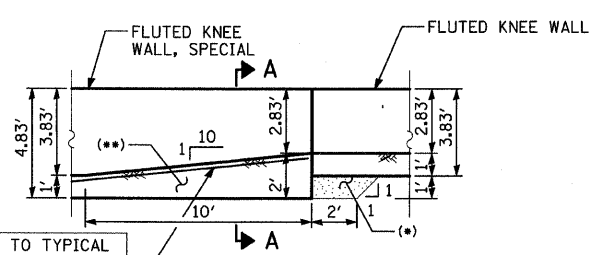
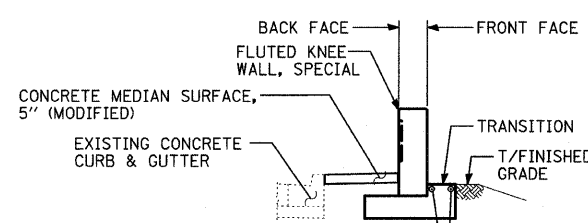
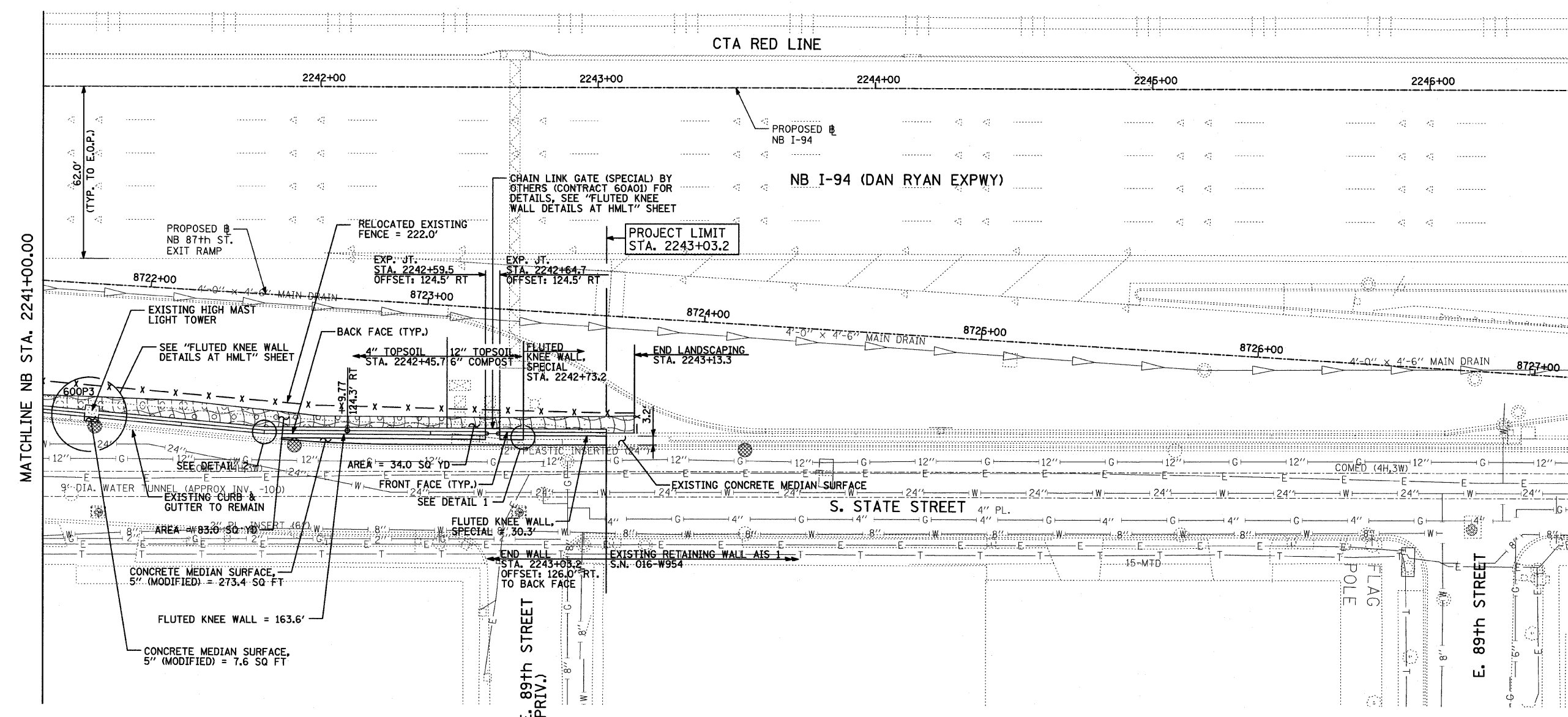


LEGEND:

EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 4"

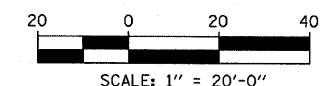
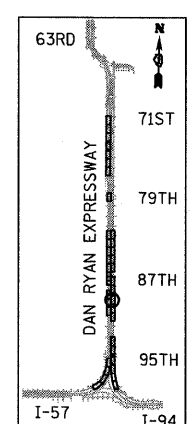
EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS, TOPSOIL FURNISH AND PLACE, 12" COMPOST FURNISH AND PLACE, 6"

INLET FILTER, TO BE INSTALLED IN OFF PROJECT DRAINAGE STRUCTURES ACCEPTING STORMWATER RUNOFF



NOTES:

1. STATION AND OFFSET CALLOUTS ALONG THE LENGTH OF EITHER FLUTED KNEE WALL OR FLUTED KNEE WALL, SPECIAL ARE TAKEN FROM THE FRONT FACE SIDE AT PROPOSED EXPANSION JOINT LOCATIONS.
2. THE CONTRACTOR SHALL PROTECT AND USE CAUTION DURING CONSTRUCTION OPERATIONS AROUND ALL EXISTING PUBLIC OR PRIVATE UTILITY FACILITIES.



- ADDITIONAL CONCRETE AT FOOTING TRANSITION, COST INCLUDED WITH "FLUTED KNEE WALL, SPECIAL"
- CA-6 AGGREGATE FILL, COST INCLUDED WITH "FLUTED KNEE WALL"

SECTION A-A
FOOTING TRANSITION - DETAIL 1
(FROM FLUTED KNEE WALL, SPECIAL TO FLUTED KNEE WALL)

DETAIL 2

REVISIONS	
NAME	DATE

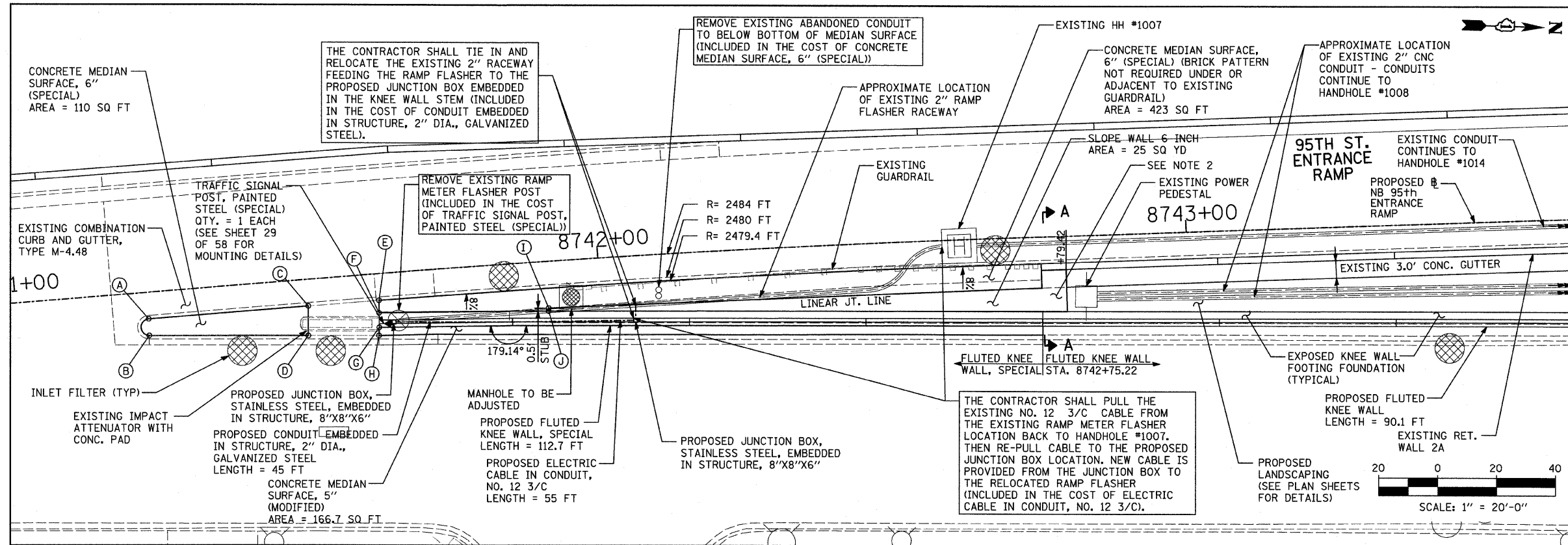
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)

PROPOSED PLAN
NB I-94 (DAN RYAN EXPRESSWAY)
STA. 2241+00.00 TO 2246+50.00

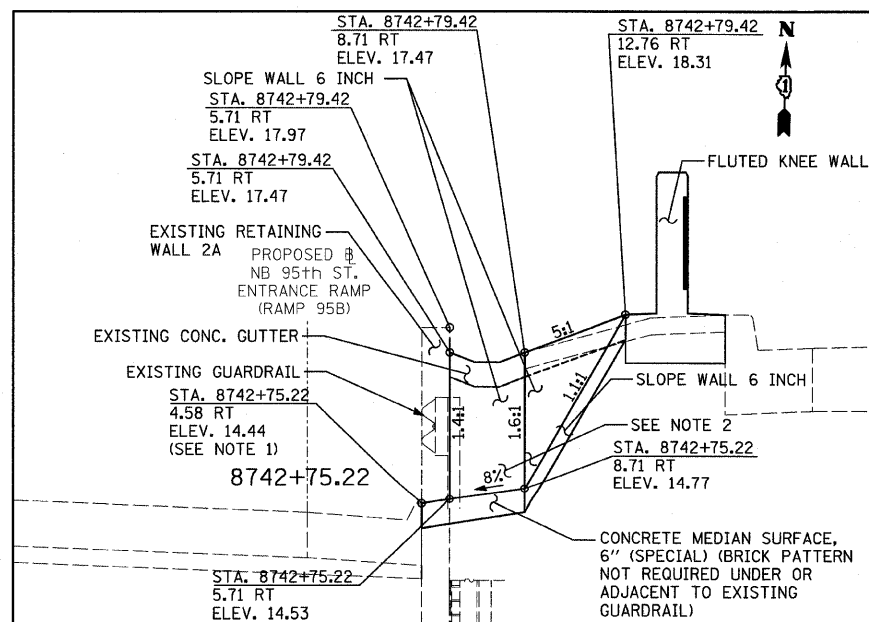
SCALE: 1"=20'
DATE: OCTOBER 17, 2008

DRAWN BY: AMB, MAF
CHECKED BY: TGB, MI

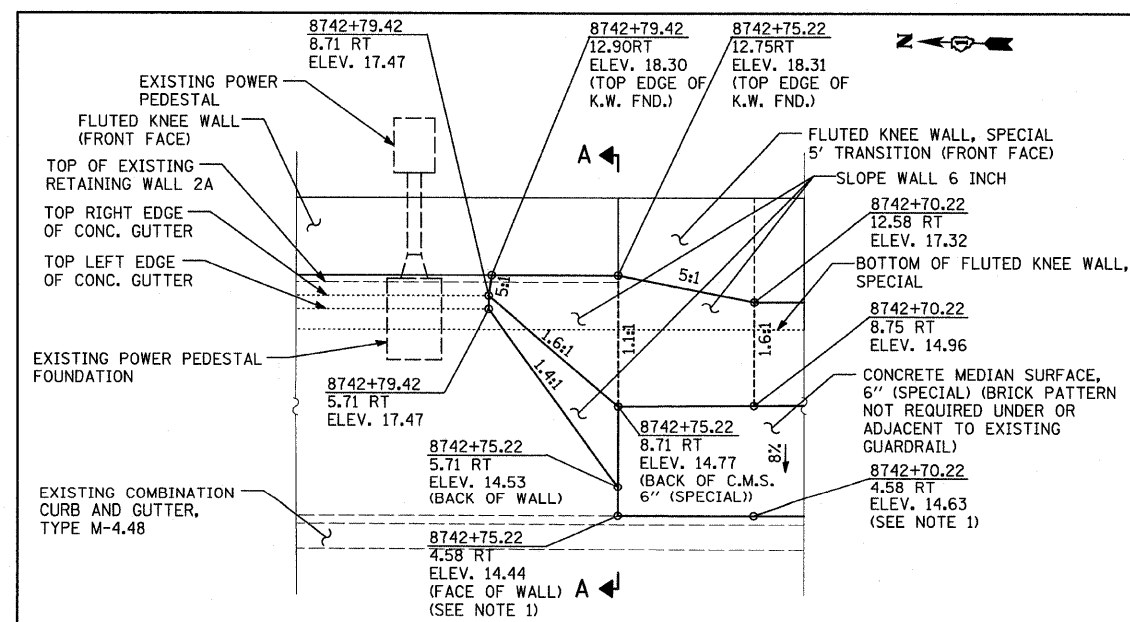
TYLIN INTERNATIONAL



PLAN VIEW: 95TH STREET ENTRANCE RAMP TERMINAL: SCALE 1" = 20'



SECTION A-A: CROSS SECTION - CONCRETE MEDIAN SURFACE, 6" (SPECIAL) AND SLOPE WALL 6 INCH TRANSITION - EXPANDED VIEW
NOT TO SCALE



DETAIL 1: FRONT FACE ELEVATION - CONCRETE MEDIAN SURFACE, 6" (SPECIAL) AND SLOPE WALL 6 INCH TRANSITION - EXPANDED VIEW
NOT TO SCALE

STATION AND OFFSET CALLOUTS:

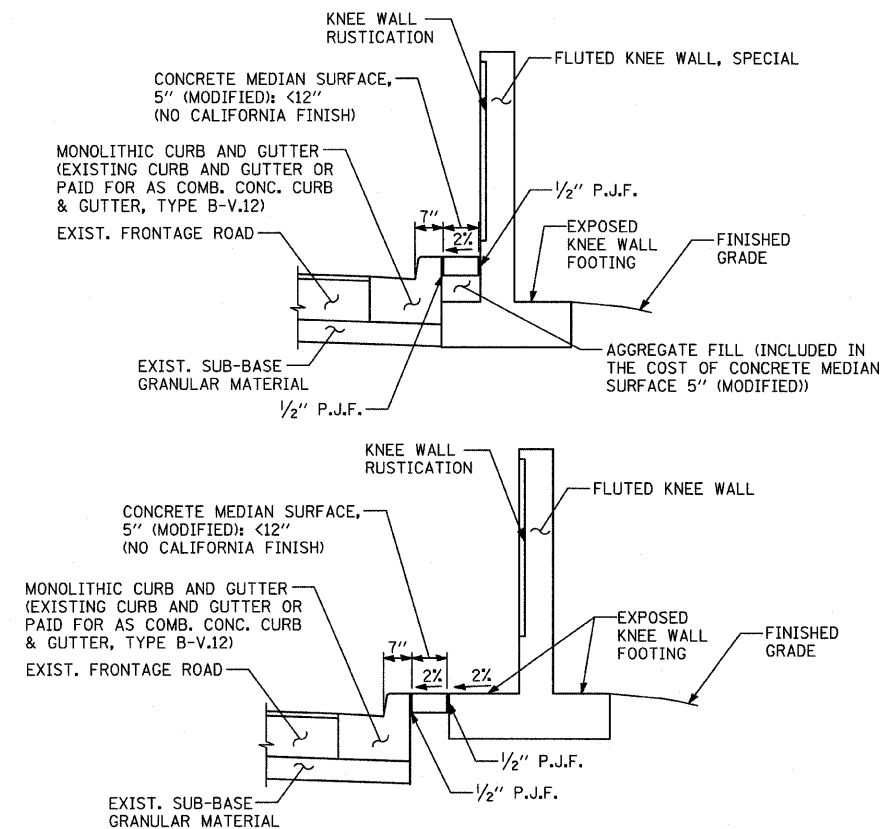
- A. STA. 8741+23.16; OFFSET 4.58RT (NB 95TH ST ENT. RAMP @)
- B. STA. 8741+23.04; OFFSET 7.41RT (NB 95TH ST ENT. RAMP @)
- C. STA. 8741+50.34; OFFSET 4.58RT (NB 95TH ST ENT. RAMP @)
- D. STA. 8741+49.93; OFFSET 9.61RT (NB 95TH ST ENT. RAMP @)
- E. STA. 8741+62.38; OFFSET 4.58RT (NB 95TH ST ENT. RAMP @)
- F. STA. 8741+62.20; OFFSET 6.72RT (NB 95TH ST ENT. RAMP @)
- G. STA. 8741+62.04; OFFSET 9.22RT (NB 95TH ST ENT. RAMP @)
- H. STA. 8741+61.89; OFFSET 10.58RT (NB 95TH ST ENT. RAMP @)
- I. STA. 8741+91.01; OFFSET 8.00RT (NB 95TH ST ENT. RAMP @)
- J. STA. 8741+90.97; OFFSET 8.50RT (NB 95TH ST ENT. RAMP @)

NOTES:

- BACK OF CURB ELEVATIONS PROVIDED ABOVE ARE BASED ON PREVIOUSLY PUBLISHED PLANS AVAILABLE DURING DESIGN. THE CONTRACTOR SHALL FIELD VERIFY AND MAKE ADJUSTMENTS AS REQUIRED.
- SLOPE WALL 6 INCH SLOPES UP FROM STA. 8742+75.22 TO MEET THE EXISTING CONCRETE GUTTER BEHIND RETAINING WALL 2A AT STA. 8742+79.42.

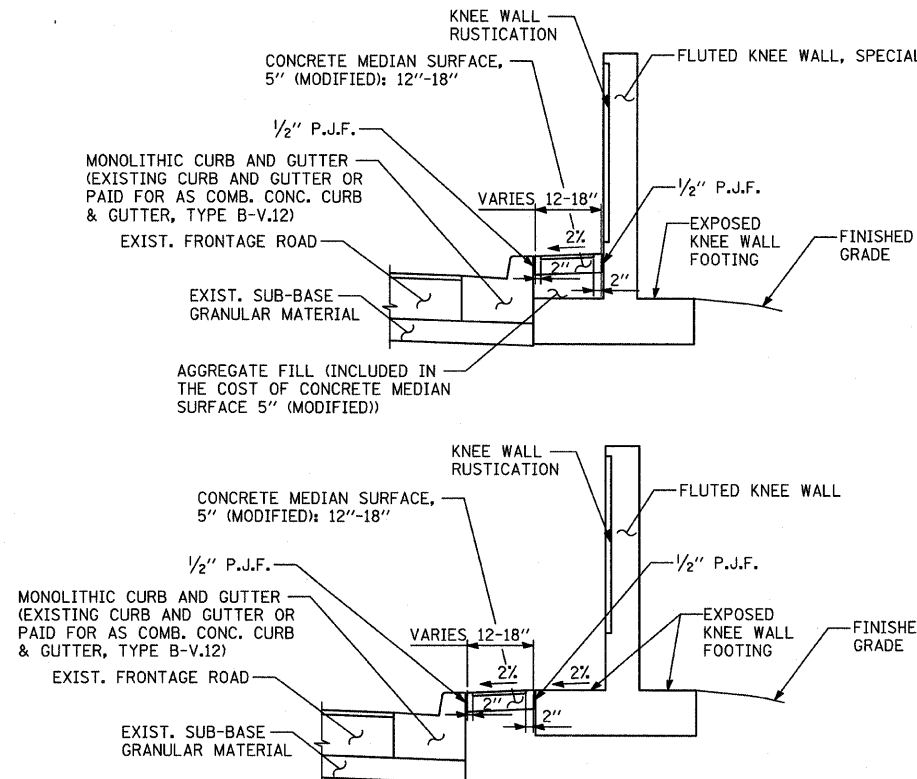
REVISIONS		DATE
NAME		
ILLINOIS DEPARTMENT OF TRANSPORTATION		F.A.I. 94 (DAN RYAN EXPRESSWAY)
95TH STREET ENTRANCE RAMP TERMINAL		
MEDIAN DETAIL		
SCALE: AS NOTED		DRAWN BY: JDF
DATE: OCTOBER 17, 2008		CHECKED BY: JPM

NOTE:
THIS OPTION SHALL BE USED WHEN THE CARRIAGE WALK AREA MEASURES LESS THAN 12" IN WIDTH



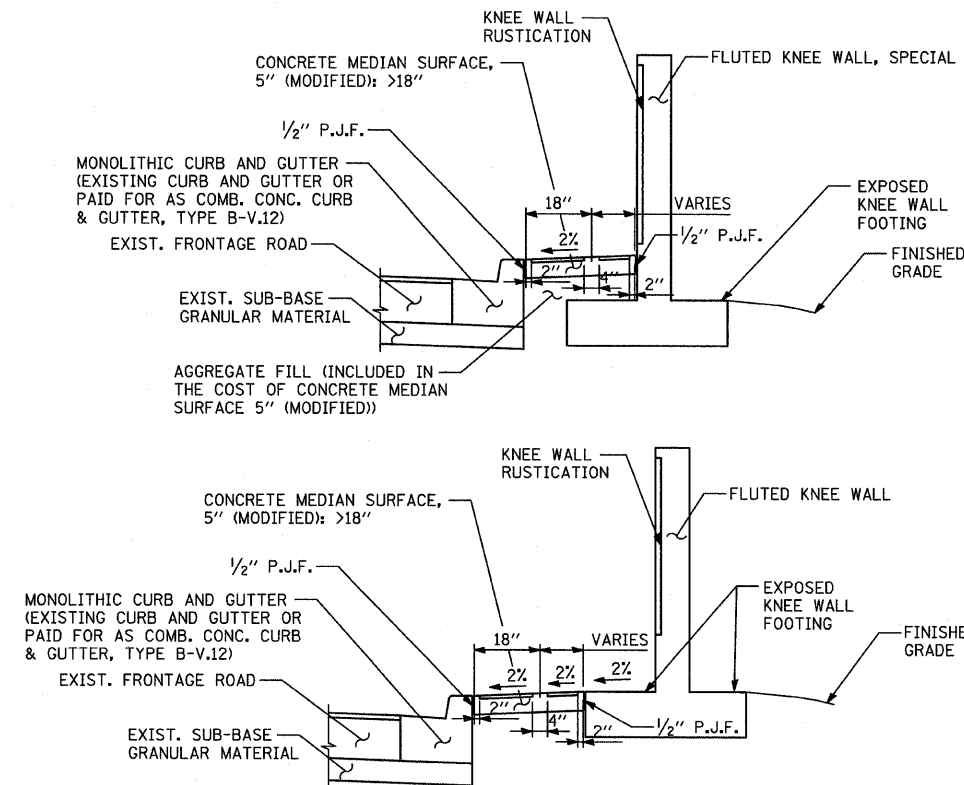
CONCRETE MEDIAN SURFACE, 5" (MODIFIED) "A"
AREA <12" WIDE

NOTE:
THIS OPTION SHALL BE USED WHEN THE CARRIAGE WALK AREA MEASURES 12" TO 18" IN WIDTH

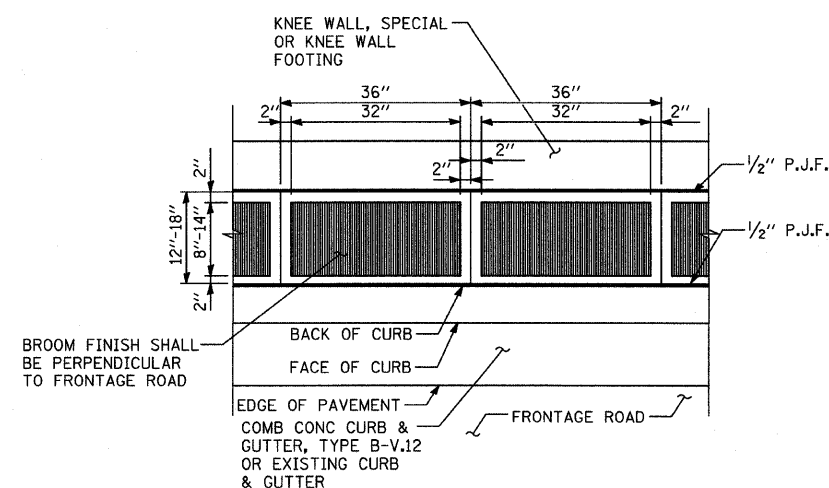


CONCRETE MEDIAN SURFACE, 5" (MODIFIED) "B"
AREA 12"-18" WIDE

NOTE:
THIS OPTION SHALL BE USED WHEN THE CARRIAGE WALK AREA MEASURES 18" OR GREATER IN WIDTH

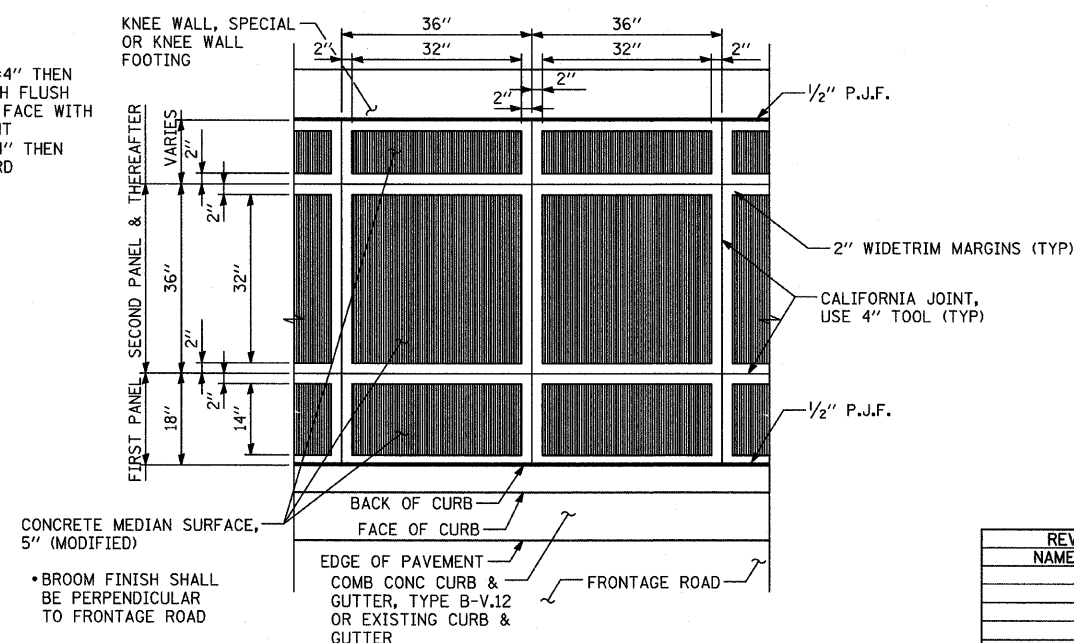


CONCRETE MEDIAN SURFACE, 5" (MODIFIED) "C"
AREA >18" WIDE



DETAIL "B": COORDINATE WITH CONC. MED. SURFACE, 5" (MODIFIED) "B"
CALIFORNIA FINISH

VARIES PANEL:
• IF THE WIDTH IS $\geq 4'$ THEN APPLY BROOM FINISH FLUSH TO THE KNEE WALL FACE WITH 4" CALIFORNIA JOINT
• IF THE WIDTH IS $< 4'$ THEN SURFACE TO BE HARD TROWELLED



DETAIL "A": COORDINATE WITH CONC. MED. SURFACE, 5" (MODIFIED) "C"
CALIFORNIA FINISH

VARIES PANEL:
• IF THE WIDTH IS $\geq 4'$ THEN APPLY BROOM FINISH FLUSH TO THE RETAINING WALL WITH 4" CALIFORNIA JOINT
• IF THE WIDTH IS $< 4'$ THEN SURFACE TO BE HARD TROWELLED (SEE DETAIL A)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1 I-7	COOK	58	30
STA. 2212+06.20 TO STA. 2243+03.23				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
62971				

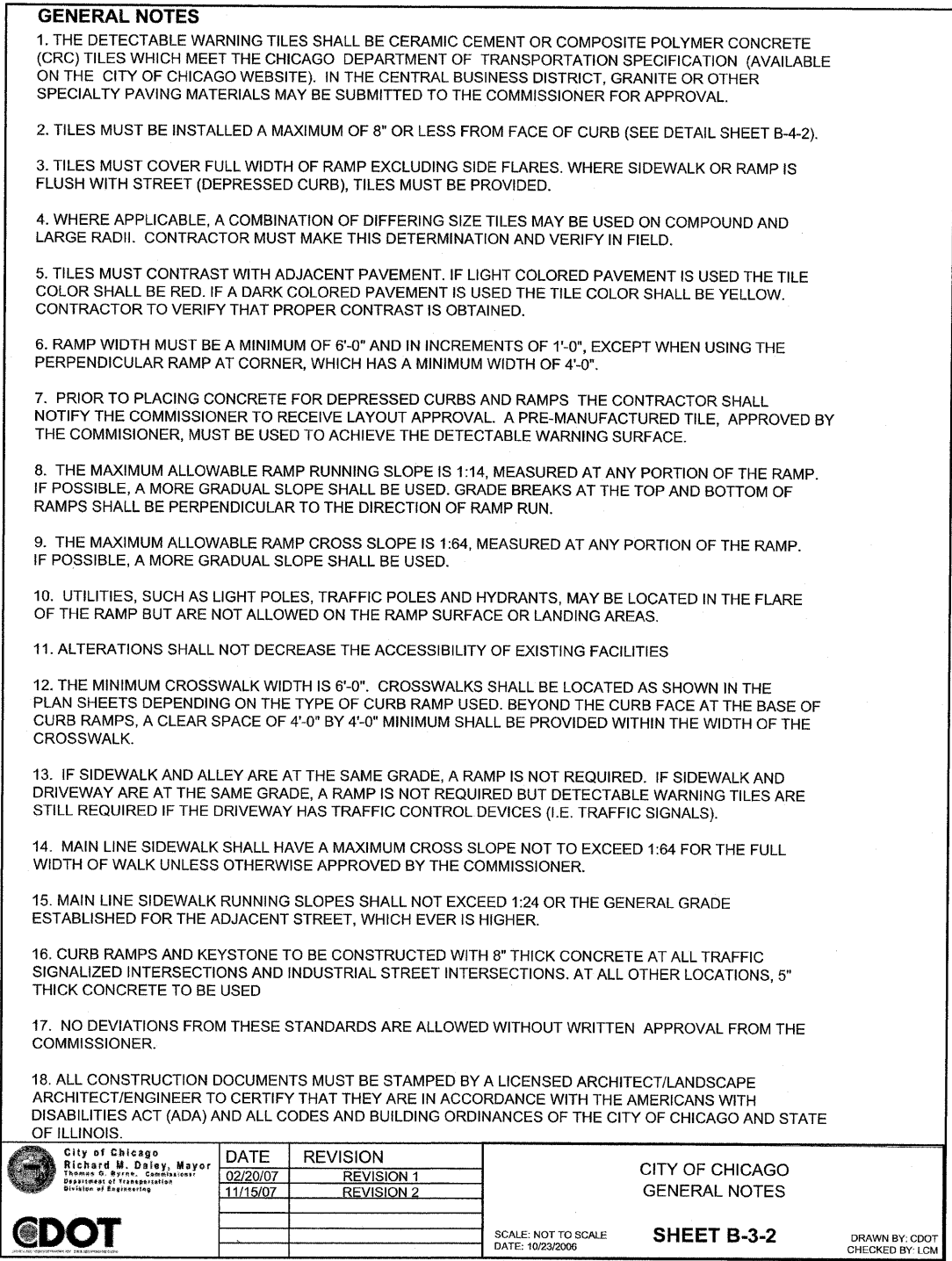
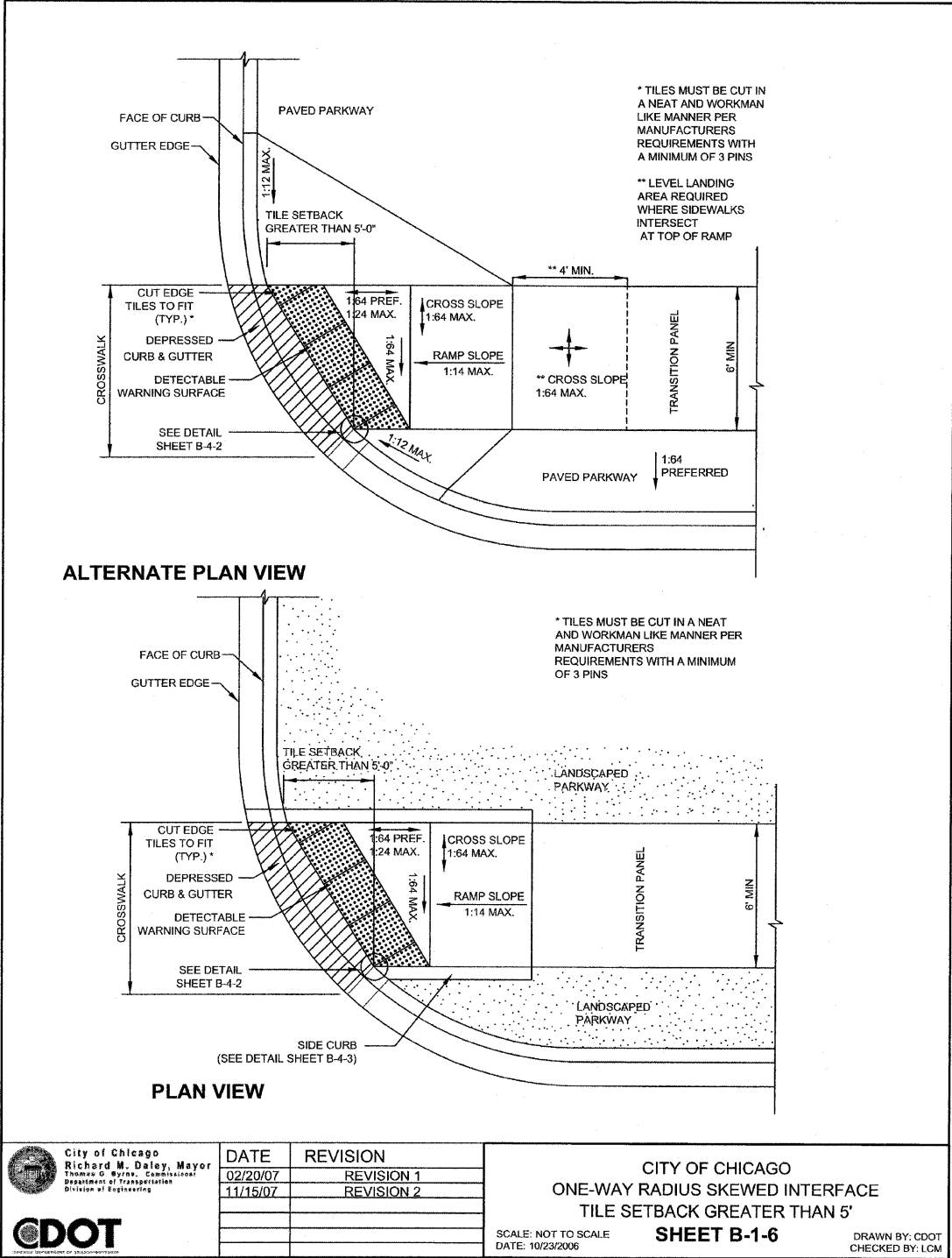
NOTE:
NOT ALL ITEMS SHOWN ON THIS SHEET ARE PROPOSED. SEE PLANS FOR PROPOSED ITEMS.

REVISIONS	
NAME	DATE

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

CONCRETE MEDIAN SURFACE, 5" (MODIFIED) WITH CALIFORNIA FINISH DETAIL

SCALE: NONE
DATE: OCTOBER 17, 2008
DRAWN BY: MPG
CHECKED BY: JPM



SEE THE CITY OF CHICAGO'S
WEBSITE @ WWW.CITYOFCHICAGO.ORG
FOR MOST CURRENT STANDARDS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
CITY OF CHICAGO STANDARD DETAILS
DETAILS OF CURB RAMPS FOR
PEOPLE WITH DISABILITIES
SHEET 1 OF 3
SCALE: NONE
DATE: OCTOBER 17, 2008
DRAWN BY: CDOT
CHECKED BY:

ADA COMPLIANCE AND TRANSITION GUIDELINES

POLICY STATEMENT: ANY ALTERATION OF THE PUBLIC WAY MUST BE RESTORED IN AN ADA COMPLIANT MANNER

I. STREET RESURFACING / RECONSTRUCTION *

FOR ANY RESURFACING/RECONSTRUCTION PROJECT WHERE, WITHIN THE PROJECT LIMITS, A CROSSWALK IS ENCOUNTERED OR WHERE THE PROJECT LIMITS TERMINATE WITHIN 4' OR LESS OF A CROSSWALK, THOSE CROSSWALKS AND THE ASSOCIATED CURB RAMPS MUST BE IMPROVED TO CURRENT ADA STANDARDS. WHERE RESURFACING/RECONSTRUCTION ENCOUNTERS LESS THAN 1/4 POINT OF THE STREET SURFACE (LONGITUDINAL CUT), IT IS ACCEPTABLE PRACTICE TO EXCLUDE IMPROVEMENTS TO THE ASSOCIATED CROSSWALKS AND CURB RAMPS.

WHEN A PROJECT SCOPE OF WORK CALLS FOR ONLY AN INTERSECTION TO BE REPAVED, THE INTERSECTION LIMITS AS DEFINED BY THE AREA OUTLINED BY OUTERMOST CROSSWALK LINES AND ADJACENT CURB FACES AND ALL ADJOINING CROSSWALKS AND CURB RAMPS MUST BE IMPROVED TO CURRENT ADA STANDARDS.

WHEN A PROJECT SCOPE OF WORK IS LIMITED TO A SINGLE CORNER OF AN INTERSECTION, THE CURB RAMP MUST BE IMPROVED TO CURRENT ADA STANDARDS AND THE ADJACENT PAVEMENT MUST BE RESURFACED, AS NECESSARY TO PROVIDE FOR A FLUSH TRANSITION.

FOR ANY RESURFACING / RECONSTRUCTION PROJECT WHERE, WITHIN THE PROJECT LIMITS, AN ALLEY APRON IS INCLUDED, THE ASSOCIATED CURB RAMPS AND SIDEWALKS MUST BE IMPROVED TO CURRENT ADA STANDARDS

II. SIDEWALK INSTALLATION / REPAIRS / RECONSTRUCTION

THE LIMITS OF ANY MAINLINE SIDEWALK REPLACEMENT, GREATER THAN TEN FEET (10') IN LENGTH, THAT ABUT AN EXISTING RAMP LOCATION (INCLUDING THE FOUR FOOT (4') LANDING AREA AND/OR THE "KEYSTONE"), SHALL BE EXTENDED TO INCLUDE THE AFFECTED RAMPS AND THESE RAMPS SHALL BE RECONSTRUCTED TO CURRENT ADA STANDARDS. IN ADDITION, ALL NEWLY PLACED SIDEWALK TEN FEET (10') OR MORE IN LENGTH SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL CURRENT APPLICABLE STANDARDS WHICH INCLUDE PROVIDING A MINIMUM FOUR FEET (4') WIDTH ACCESSIBLE PATHWAY WITH A CROSS SLOPE NOT TO EXCEED 1:64.

III. GUIDELINES FOR TRANSITIONING TO EXISTING NON-COMPLIANT CONDITION



NEW SIDEWALK PLACEMENTS GREATER THAN TEN FEET IN CONTIGUOUS LENGTH:
THE LIMITS OF ANY MAINLINE SIDEWALK REPLACEMENT, GREATER THAN TEN FEET (10') IN LENGTH, MUST BE EXTENDED FOR A MINIMUM FIVE ADDITIONAL FEET (5') EITHER SIDE IN ORDER TO PROVIDE A REASONABLE TRANSITION TO MATCH THE EXISTING SIDEWALK. THE LENGTH OF TRANSITION SHALL BE LENGTHENED AS NECESSARY TO ENSURE THAT THE RUNNING SLOPE OF THE TRANSITION DOES NOT EXCEED A SLOPE OF 1:24 (PREFERRED) OR 1:14 (MAXIMUM) AT ANY POINT.

NEW SIDEWALK REPLACEMENTS TEN FEET OR LESS IN CONTIGUOUS LENGTH (REPAIRS):
IT IS ACCEPTABLE PRACTICE TO MATCH ADJACENT SIDEWALKS AT THE EXISTING SLOPE.

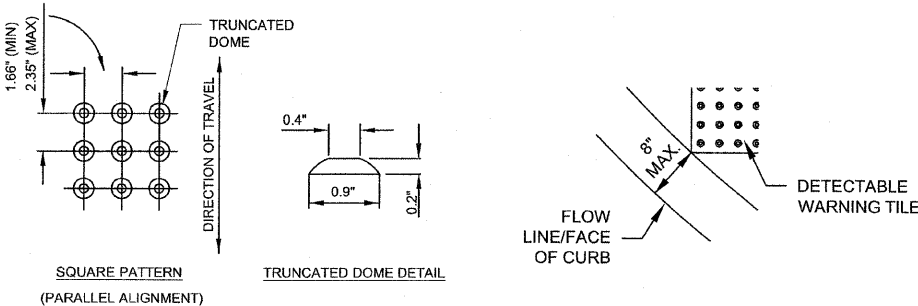
CURB RAMP REPLACEMENTS:
SIDEWALK REPLACEMENT BEYOND THE LIMITS OF THE LANDING AREA AND/OR THE "KEYSTONE" MUST BE EXTENDED A MINIMUM OF AN AN ADDITIONAL FIVE FEET (5') EITHER SIDE IN ORDER TO PROVIDE A REASONABLE TRANSITION TO MATCH THE EXISTING SIDEWALK. THE TRANSITION SHALL BE LENGTHENED AS NECESSARY TO ENSURE THAT THE RUNNING SLOPE OF THE TRANSITION DOES NOT EXCEED A SLOPE OF 1:24 (PREFERRED) OR 1:14 (MAXIMUM) AT ANY POINT.

NO EXCEPTIONS TO THE ABOVE WILL BE ALLOWED WITHOUT WRITTEN APPROVAL FROM THE COMMISSIONER.

* THE REQUIREMENTS OF SECTION I. SHALL APPLY ONLY TO CITY AGENCIES

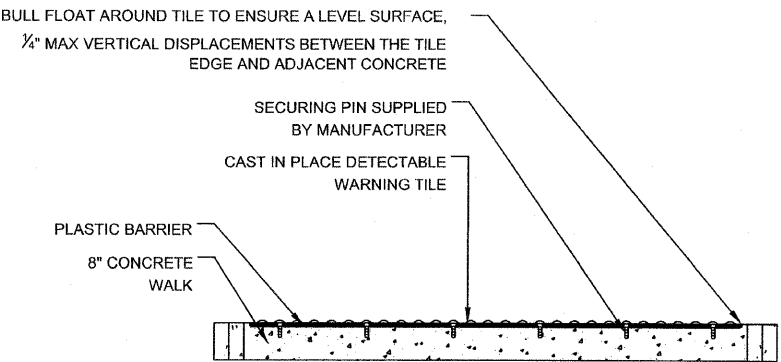
 <div>City of Chicago Richard M. Daley, Mayor Thomas G. Byrne, Commissioner Department of Transportation Division of Engineering</div>  <div>ILLINOIS DEPARTMENT OF TRANSPORTATION</div>	DATE	REVISION	<div>CITY OF CHICAGO</div> <div>ADA COMPLIANCE AND TRANSITION GUIDELINES</div> <div>SCALE: NOT TO SCALE DATE: 10/23/2006</div> <div>SHEET B-3-3</div> <div>DRAWN BY: CDOT CHECKED BY: LCM</div>
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	

GENERAL NOTE: THE ROWS OF DOMES IN THE DETECTABLE WARNING MATERIAL MUST BE ALIGNED WITH THE PATH OF WHEELCHAIR TRAVEL WHICH IS REQUIRED TO BE PERPENDICULAR TO THE GRADE BREAK AT THE BOTTOM OF THE RAMP TO PERMIT TRACKING BETWEEN DOME ROWS. ON BLENDED TRANSITIONS, DOME ORIENTATION IS NOT SIGNIFICANT





TILE PATTERN DETAIL

TILE PLACEMENT ON A RADIUS



DETECTABLE TILE WARNING SECTION

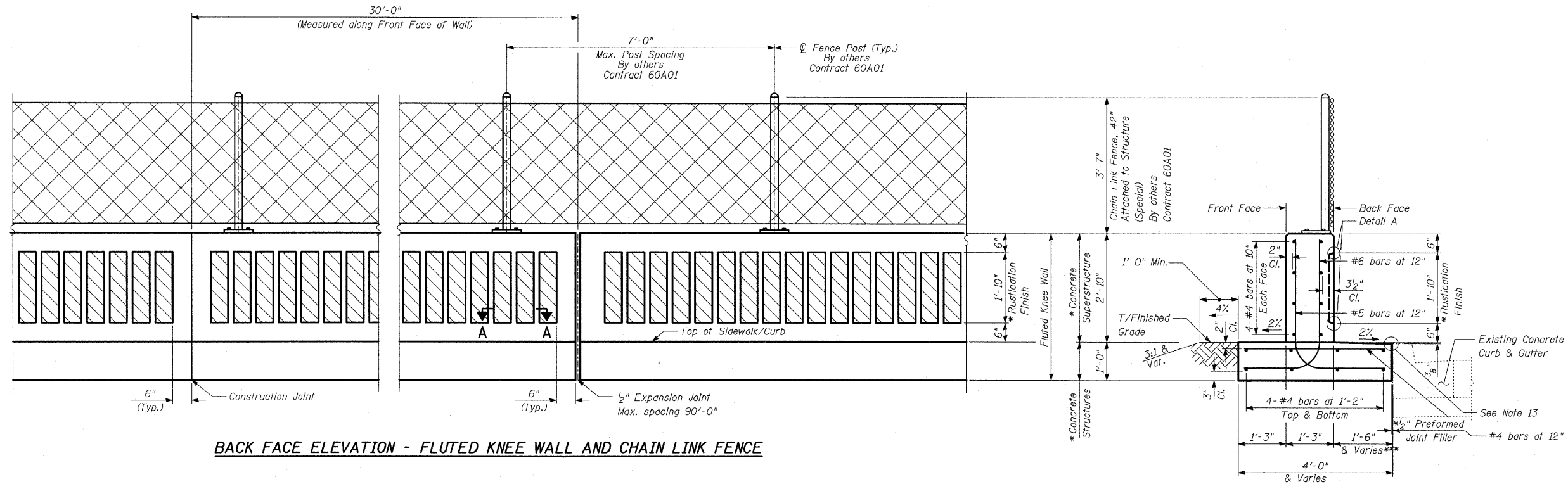
 <div>City of Chicago Richard M. Daley, Mayor Thomas G. Byrne, Commissioner Department of Transportation Division of Engineering</div>  <div>ILLINOIS DEPARTMENT OF TRANSPORTATION</div>	DATE	REVISION	CITY OF CHICAGO DETECTABLE WARNING TILE DETAILS SCALE: NOT TO SCALE DATE: 10/23/2006 SHEET B-4-2 DRAWN BY: CDOT CHECKED BY: LCM
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	

SEE THE CITY OF CHICAGO'S
WEBSITE @ WWW.CITYOFCHICAGO.ORG
FOR MOST CURRENT STANDARDS

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94 (DAN RYAN EXPRESSWAY) CITY OF CHICAGO STANDARD DETAILS DETAILS OF CURB RAMPS FOR PEOPLE WITH DISABILITIES SHEET 2 OF 3 SCALE: NONE DATE: OCTOBER 17, 2008
NAME	DATE	
		DRAWN BY: CDOT CHECKED BY:

NOTES:

- Reinforcement Bar Shall Conform to the Requirements of AASHTO M-31 or M-322 Grade 60
- Concrete: $f'c = 3500$ psi
- Fluted Knee Wall shall be paid for per foot as "Fluted Knee Wall." Included in the cost of "Fluted Knee Wall" shall be "Concrete Superstructure" stem, "Concrete Structure" foundation, reinforcement bars (epoxy coated), rustication finish, protective coat, expansion joint filler and sealing compound.
- At Locations Where Fluted Knee Wall Abuts a Rigid Structure, a $\frac{1}{2}$ " Thick Preformed Expansion Joint Filler Conforming to the Shape of the Structure Shall be Installed Between the Wall and the Structure. A $\frac{1}{2}$ " PJF Shall be Installed where Fluted Knee Wall footing abuts curb and gutter. The cost shall be included in "Fluted Knee Wall".
- Quantities shown in "BILL OF MATERIAL" are for one (1) linear foot of "Fluted Knee Wall".
- Chain Link Fence, 42" Attached to Structure will not be paid for in this contract, but shall be furnished and installed by others in Contract 60A01.
- Protective Coat shall be applied according to Section 503.19 of the Standard Specifications to all concrete surfaces not in contact with soil for the typical section of the fluted knee wall. The cost shall be included in "Fluted Knee Wall"
- All concrete edges shall be chamfered $\frac{3}{4}$ " except as noted.
- All Expansion Joints shall be at Maximum spacing of 90' with construction joints at 30'.
- All construction joints shall be bonded.
- The top of the footing shall be broom finished.
- All required excavation shall be included in the cost of "Earth Excavation".
- The top edge of Knee Wall Footing or Concrete Median Surface, 5" (Modified) shall be $\frac{3}{8}$ " higher than the top of Existing Curb to account for future settlement.

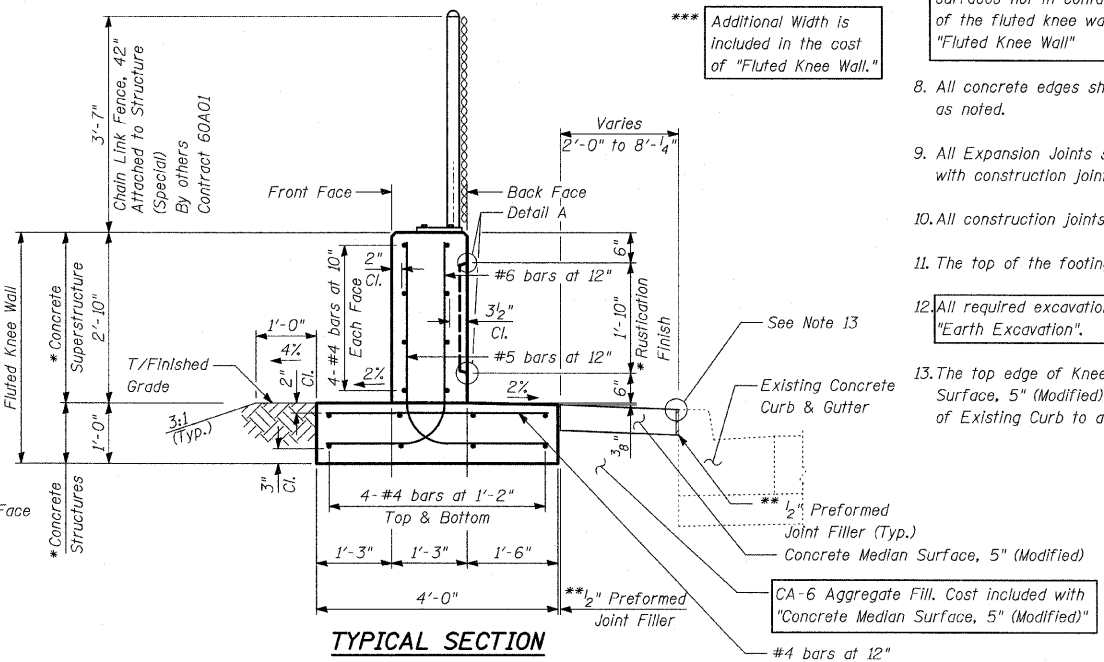


BACK FACE ELEVATION - FLUTED KNEE WALL AND CHAIN LINK FENCE

TYPICAL SECTION FLUTED KNEE WALL

Sta. 2213+59.3 to Sta. 2214+78.1
Sta. 2233+32.7 to Sta. 2236+37.5
Sta. 2239+15.1 to Sta. 2241+86.0

* Cost included with "Fluted Knee Wall."
*** Additional Width is included in the cost of "Fluted Knee Wall."



TYPICAL SECTION FLUTED KNEE WALL

Sta. 2238+39.5 to Sta. 2239+15.1
Sta. 2241+86.0 to Sta. 2242+73.2

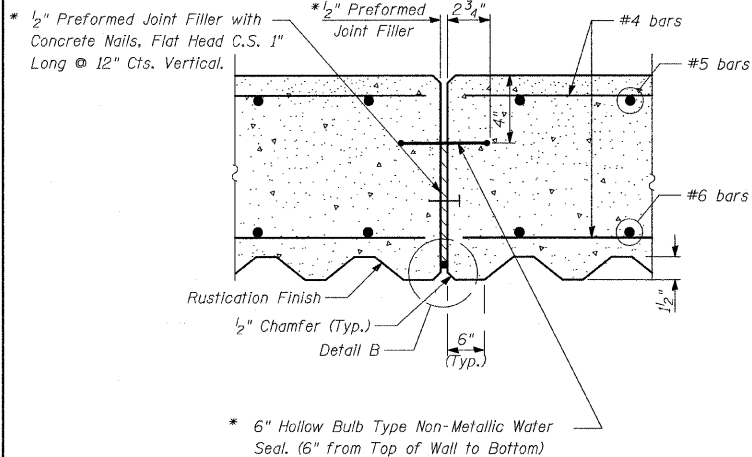
BILL OF MATERIAL

QUANTITIES PER LINEAR FOOT OF FLUTED KNEE WALL		
ITEM	UNIT	TOTAL
Concrete Structures	CU YD	0.15
Concrete Superstructure	CU YD	0.14
Protective Coat	SQ YD	1.08
Rustication Finish	SQ FT	1.84
Reinforcement Bars, Epoxy Coated	POUND	27.5

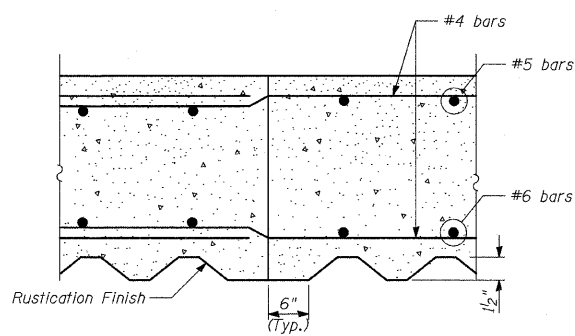
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
94TH ST. TO N. OF 89TH ST. (PRIVATE)
FLUTED KNEE WALL STANDARD DETAILS

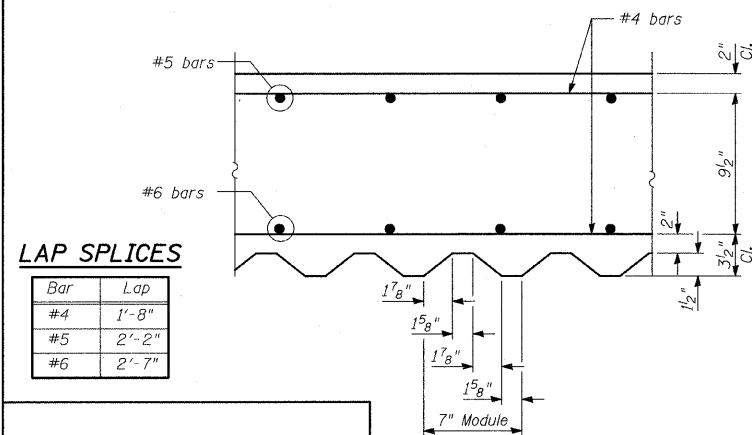
S.N.
SCALE: N.T.S.
DATE: OCTOBER 17, 2008
DESIGNED BY: MAF
DRAWN BY: MAF, TB
CHECKED BY: MI



EXPANSION JOINT DETAILS



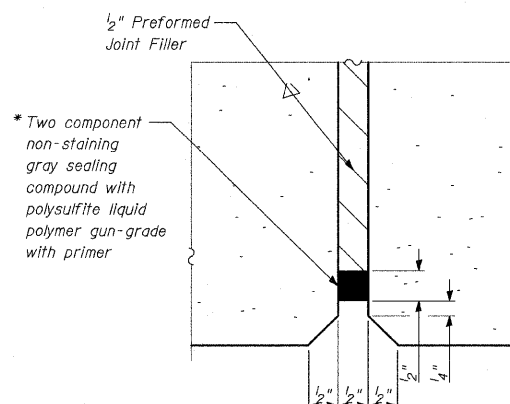
CONSTRUCTION JOINT DETAILS



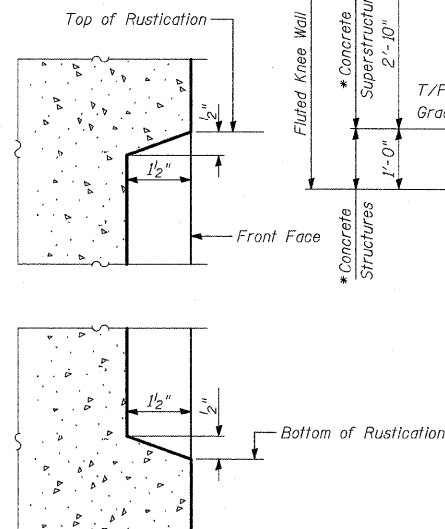
LAP SPLICES

Bar	Lap
#4	1'-8"
#5	2'-2"
#6	2'-7"

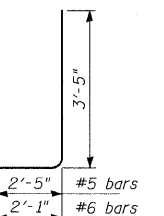
SECTION A-A



DETAIL B

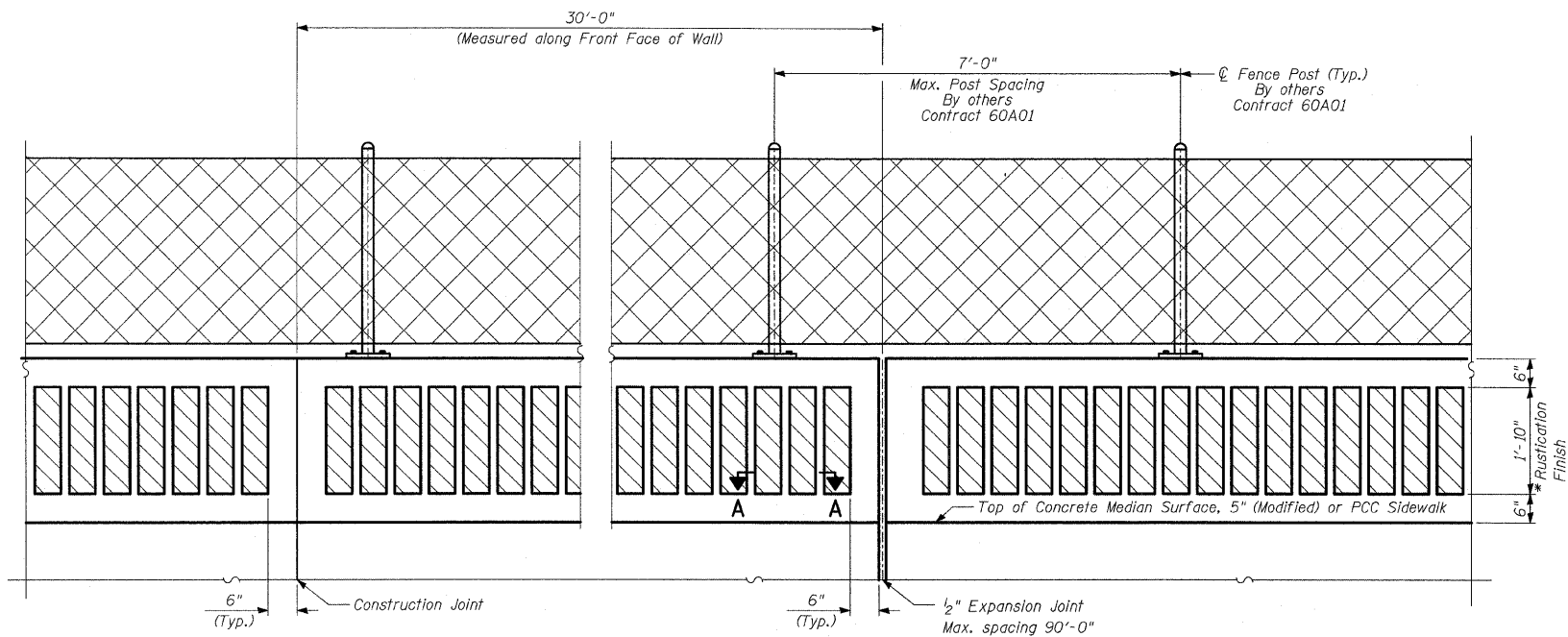


DETAIL A

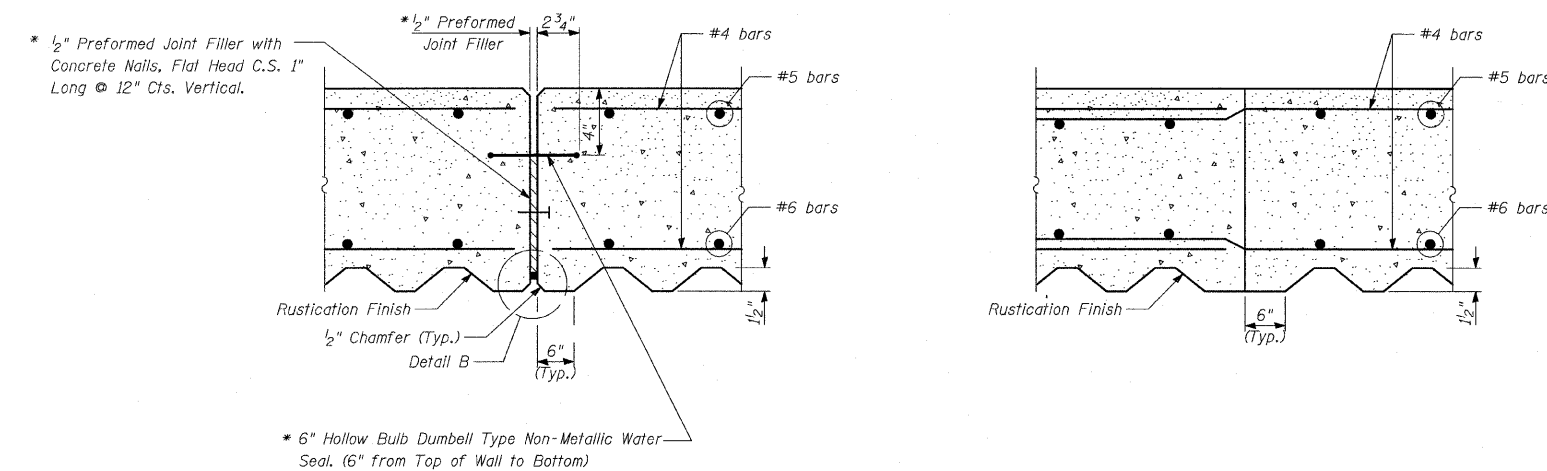


BARS BEND DETAILS

TYLIN INTERNATIONAL



BACK FACE ELEVATION - FLUTED KNEE WALL, SPECIAL AND CHAIN LINK FENCE



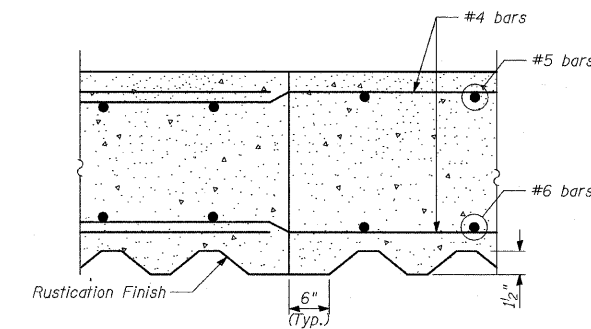
EXPANSION JOINT DETAILS

LAP SPLICES

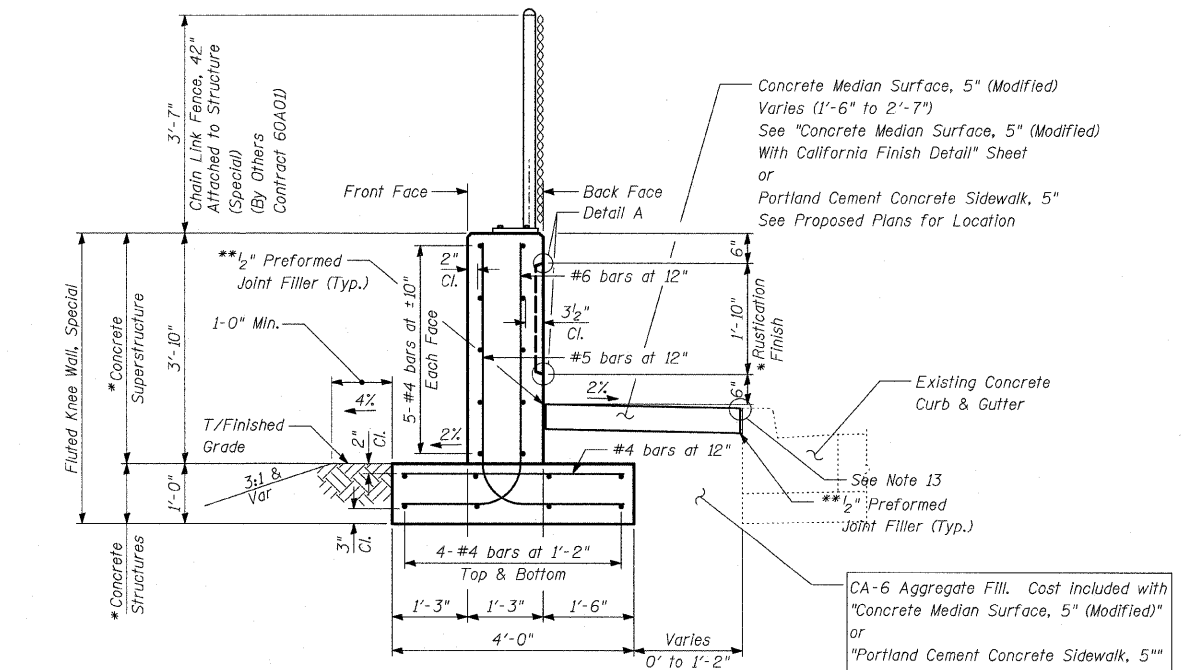
Bar	Lap
#4	1'-8"
#5	2'-2"
#6	2'-7"

TYLIN INTERNATIONAL

SECTION A-A



DETAIL B



TYPICAL SECTION FLUTED KNEE WALL, SPECIAL

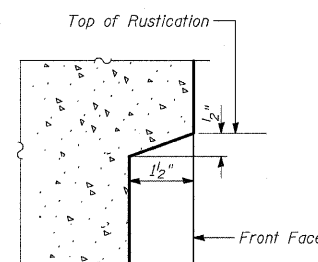
Sta. 2212+46.6 to Sta. 2213+59.3
Sta. 2214+78.1 to Sta. 2215+38.1
Sta. 2218+68.1 to Sta. 2219+13.6
Sta. 2233+17.3 (Back Face) to Sta. 2233+32.7
Sta. 2242+73.2 to Sta. 2243+03.2

BILL OF MATERIAL

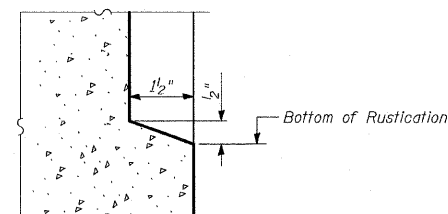
QUANTITIES PER LINEAR FOOT OF FLUTED KNEE WALL, SPECIAL		
ITEM	UNIT	TOTAL
Concrete Structures	CU YD	0.15
Concrete Superstructure	CU YD	0.18
Protective Coat	SQ YD	1.02
Rustication Finish	SQ FT	1.84
Reinforcement Bars, Epoxy Coated	POUND	31.4

NOTES:

1. For notes, see "Fluted Knee Wall Standard Details" sheet.

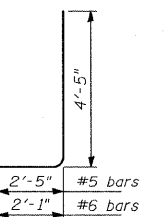


DETAIL A



* Cost included with "Fluted Knee Wall Special"

** Cost included with "Concrete Median Surface, 5" (Modified)" or "Portland Cement Concrete Sidewalk, 5""

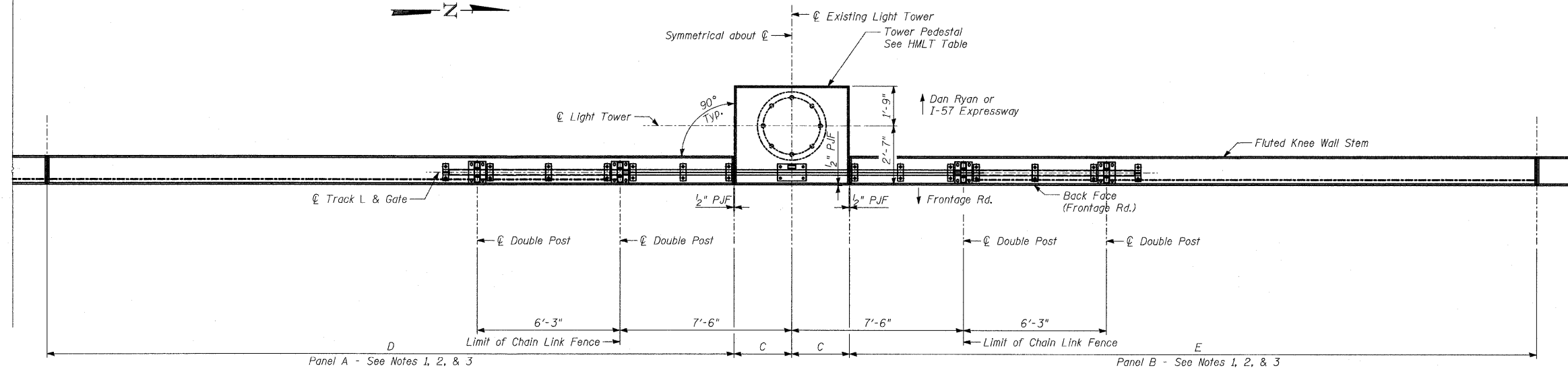


BARS BEND DETAILS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
94TH ST. TO N. OF 89TH ST. (PRIVATE)
FLUTED KNEE WALL, SPECIAL
STANDARD DETAILS

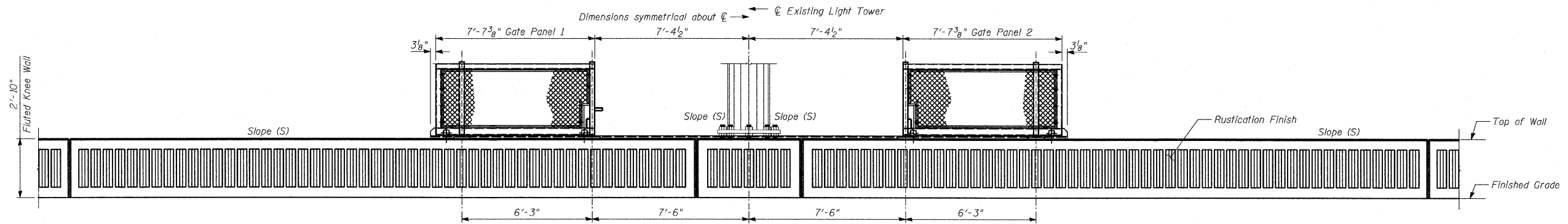
S.N. DESIGNED BY: MAF
SCALE: N.T.S. DRAWN BY: MAF, TB
DATE: OCTOBER 17, 2008 CHECKED BY: MI



PLAN - LIMITS OF CHAIN LINK GATE ASSEMBLY IN OPEN POSITION

HMLT TABLE

HMLT	C	D	E
60MN3	2.02	29.65	26.31
600P2	2.52	20.03	17.00
600P3	2.52	30.00	30.00

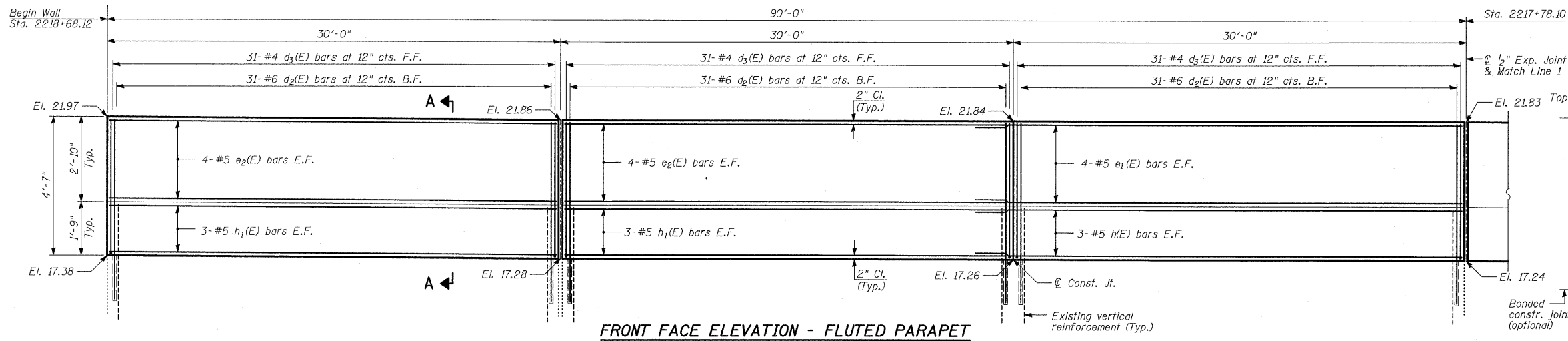


BACK FACE ELEVATION - LIMITS OF CHAIN LINK GATE ASSEMBLY IN OPEN POSITION

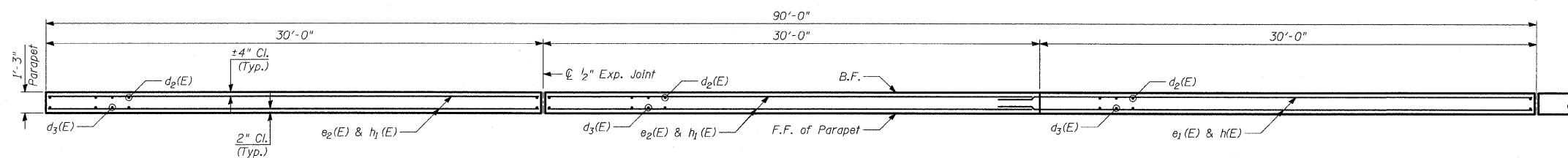
NOTES:

- The Chain Link Gate Assembly (Special) is not included in this contract, but shall be furnished and installed by others in Contract 60A01.
- Panels A & B shall be constructed to be aligned with the Back Face of existing High Mast Light Tower (HMLT).
- The Slope (S) at the top of panels A & B and the HMLT foundation shall be the same.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1 I-7	COOK	58	37
STA. 2212+06.20 TO STA. 2243+03.23		ILLINOIS	FED. AID PROJECT	62971



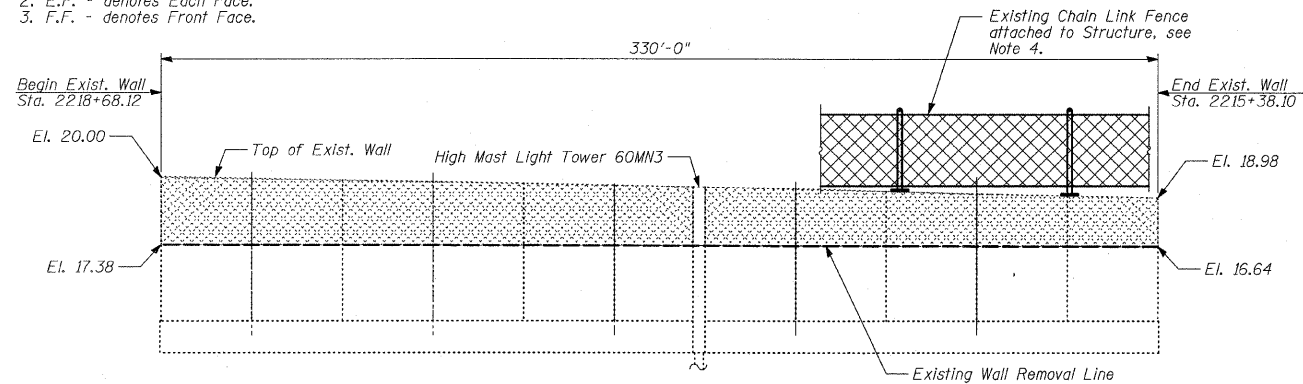
FRONT FACE ELEVATION - FLUTED PARAPET



TOP PLAN

NOTES:

1. B.F. - denotes Back Face.
2. E.F. - denotes Each Face.
3. F.F. - denotes Front Face.



LIMITS OF REMOVAL OF EXISTING STRUCTURE
(LOOKING EAST)

LEGEND

- Concrete Removal
- Structure Excavation

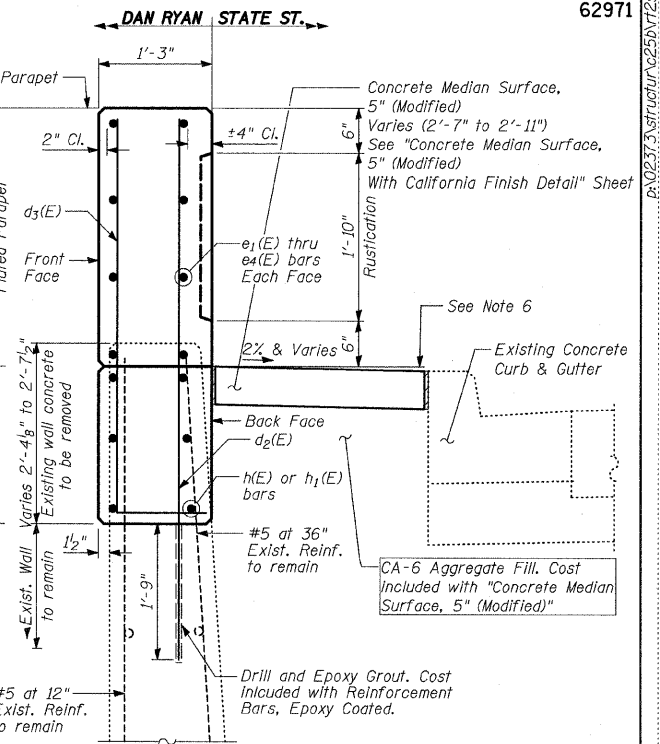
NOTES:

1. Remove existing wall to elevations shown. Existing vertical reinforcement shall be cleaned and incorporated into the new construction. Cost included with "Concrete Removal".
2. Existing vertical reinforcement bars that are damaged during concrete removal operations at the top of the existing walls shall be repaired or replaced using approved bar splicer or anchorage system. Cost included with "Concrete Removal".
3. See Knee Wall Detail Sheets for Rustication Finish Details.
4. Cost of removal of existing chain link fence attached to structure to be included with "Concrete Removal".
5. Drill and epoxy grout d2(e) bars according to Article 584 of the Standard Specifications. The cost shall be included with "Reinforcement Bars Epoxy Coated".
6. The top edge of Knee Wall Footing or Concrete Median Surface, 5" (Modified) shall be 2" higher than the top of Existing Curb to account for future settlement.

LAP SPLICES

Bar	Lap
#4	1'-8"
#5	2'-2"
#6	2'-7"

TYLIN INTERNATIONAL



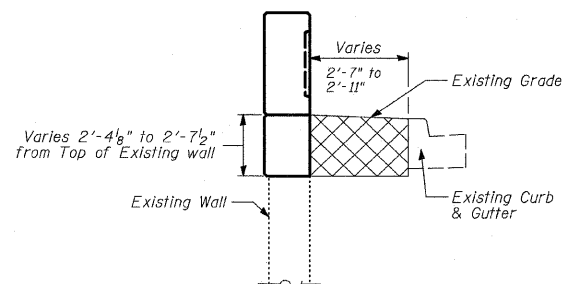
SECTION A-A

(Sta. 2215+38.10 to Sta. 2218+68.12)

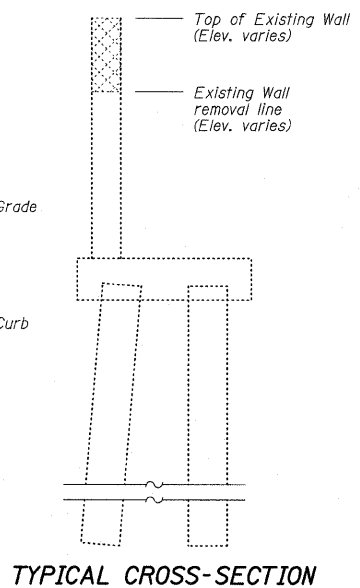
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d2(E)	337	#6	6'-2"	—
d3(E)	337	#4	5'-3"	L
e1(E)	32	#5	32'-2"	—
e2(E)	40	#5	29'-8"	—
e3(E)	8	#5	25'-11"	—
e4(E)	8	#5	29'-3"	—
h(E)	24	#5	32'-2"	—
h1(E)	30	#5	29'-8"	—
h2(E)	6	#5	25'-11"	—
h3(E)	6	#5	29'-3"	—
Concrete Removal			CU YD	35
Structure Excavation			CU YD	85
Concrete Superstructure			CU YD	70
Protective Coat			SQ YD	378
Rustication Finish			SQ FT	598
Reinforcement Bars, Epoxy Coated			POUND	9,160

Reinforcement bars designated (E) shall be epoxy coated.



LIMITS OF STRUCTURE EXCAVATION



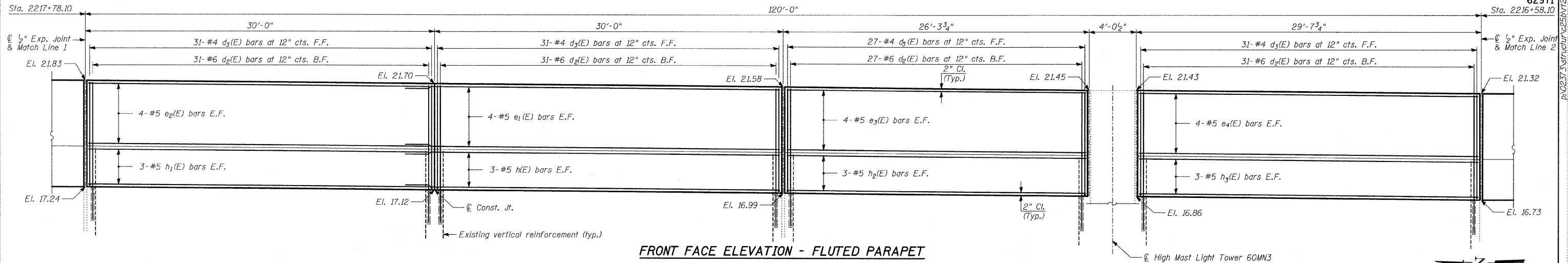
TYPICAL CROSS-SECTION

REVISIONS	NAME	DATE

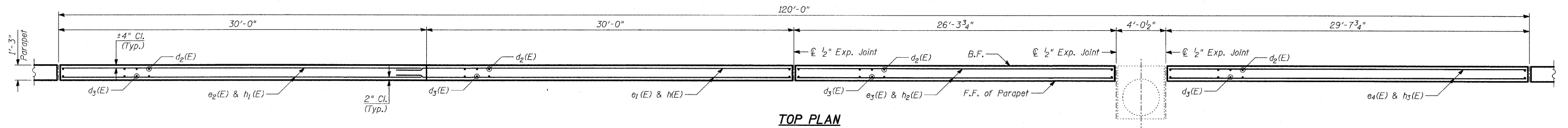
ILLINOIS DEPARTMENT OF TRANSPORTATION	
F.A.I. 94 (DAN RYAN EXPRESSWAY)	
94TH ST. TO N. OF 89TH ST. (PRIVATE)	
PARAPET RECONSTRUCTION	
PLAN AND ELEVATION	
STA. 2218+68.12 TO STA. 2217+78.10	
S.N.	DESIGNED BY: MI, TB
SCALE: N.T.S.	DRAWN BY: TB
DATE: OCTOBER 17, 2008	CHECKED BY: MI

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1 I-7	COOK	58	38
STA. 2212+06.20 TO STA. 2243+03.23		ILLINOIS FED. AID PROJECT		

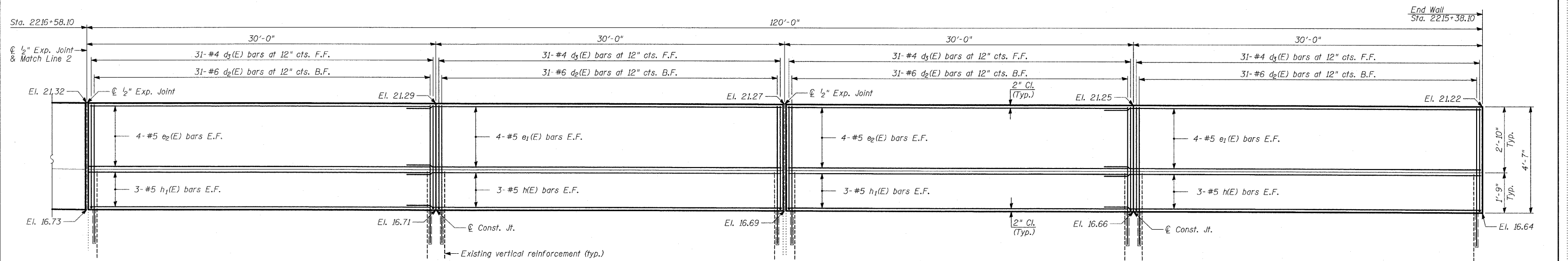
62971



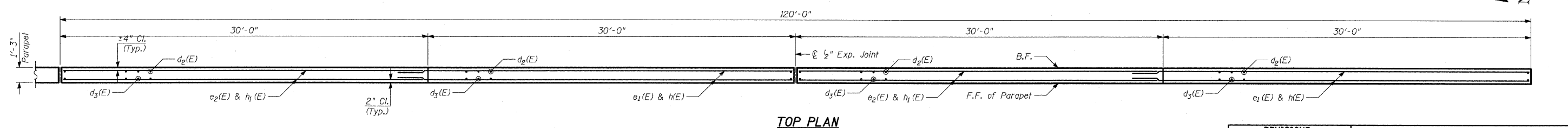
FRONT FACE ELEVATION - FLUTED PARAPET



TOP PLAN



FRONT FACE ELEVATION - FLUTED PARAPET



TOP PLAN

NOTES:

1. B.F. - denotes Back Face.
2. E.F. - denotes Each Face.
3. F.F. - denotes Front Face.
4. Work this sheet with Sheet 37.
5. For Construction and Expansion Joint Details, see "Fluted Knee Wall Standard Details".
6. For Bill of Material and Notes, see Sheet 37.

LAP SPLICES

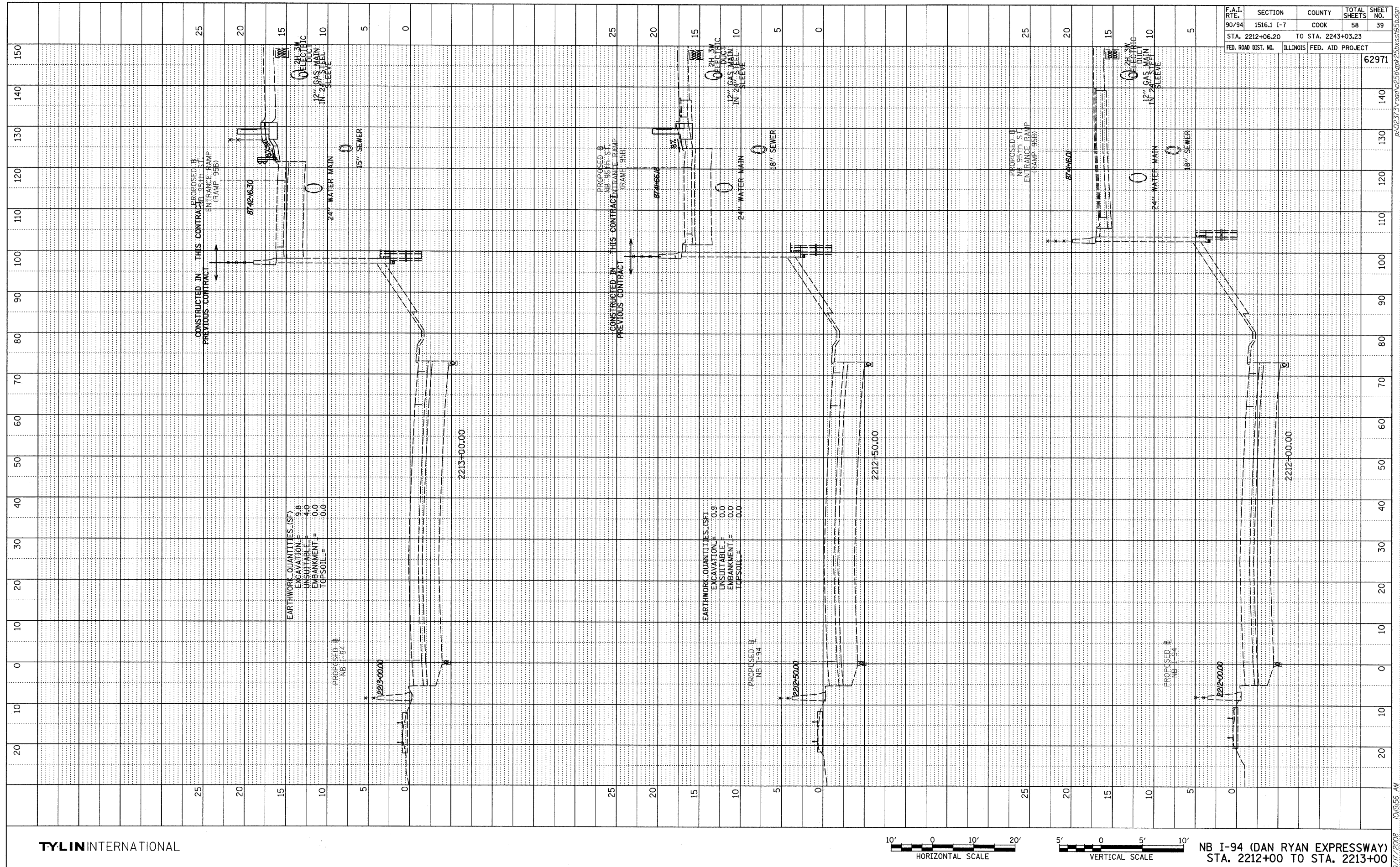
Bar	Lap
#4	1'-8"
#5	2'-2"
#6	2'-7"

TYLIN INTERNATIONAL

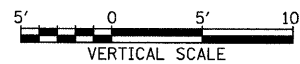
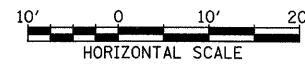
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
94TH ST. TO N. OF 89TH ST. (PRIVATE)
PARAPET RECONSTRUCTION
PLAN AND ELEVATION
STA. 2217+78.10 TO STA. 2215+38.10
S.N. DESIGNED BY: MI, TB
SCALE: N.T.S. DRAWN BY: TB
DATE: OCTOBER 17, 2008 CHECKED BY: MI

PROFILE	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
NO. _____	GRADES CHECKED _____		
	B.M. NOTED _____		
	STRUCTURE NOTAT'NS CHK'D _____		

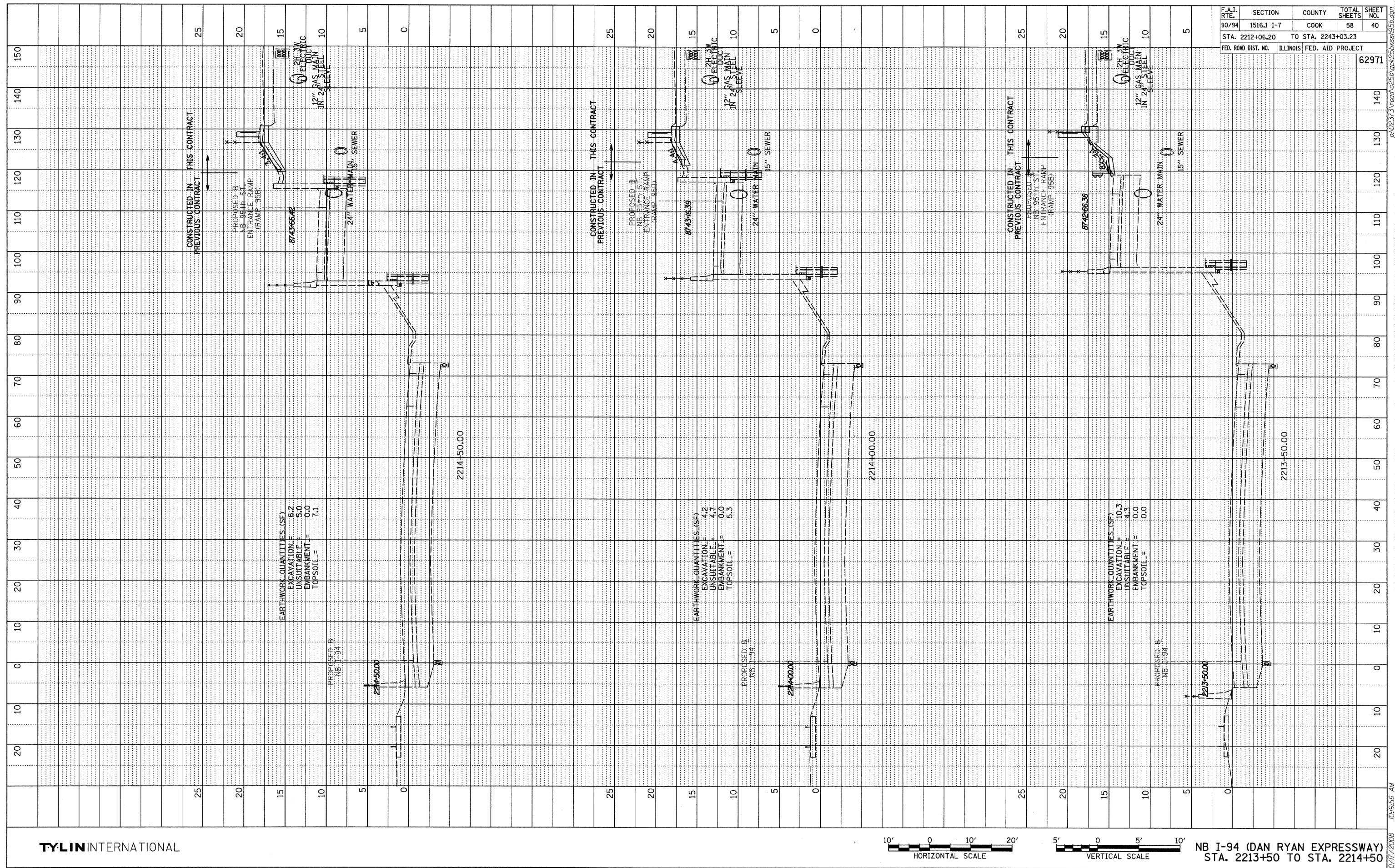


TYLIN INTERNATIONAL

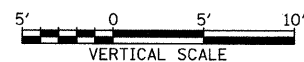
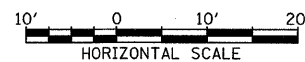


NB I-94 (DAN RYAN EXPRESSWAY)
STA. 2212+00 TO STA. 2213+00

PROFILE NO. _____ NOTE BOOK GRADES CHECKED _____ B/LM. NOTED _____ STRUCTURE NOTATIONS CHK'd _____	SURVEYED	BY	DATE
	PILOTED		
	DESIGNED		
	CONSTRUCTED		
	CHECKED		



TYLIN INTERNATIONAL

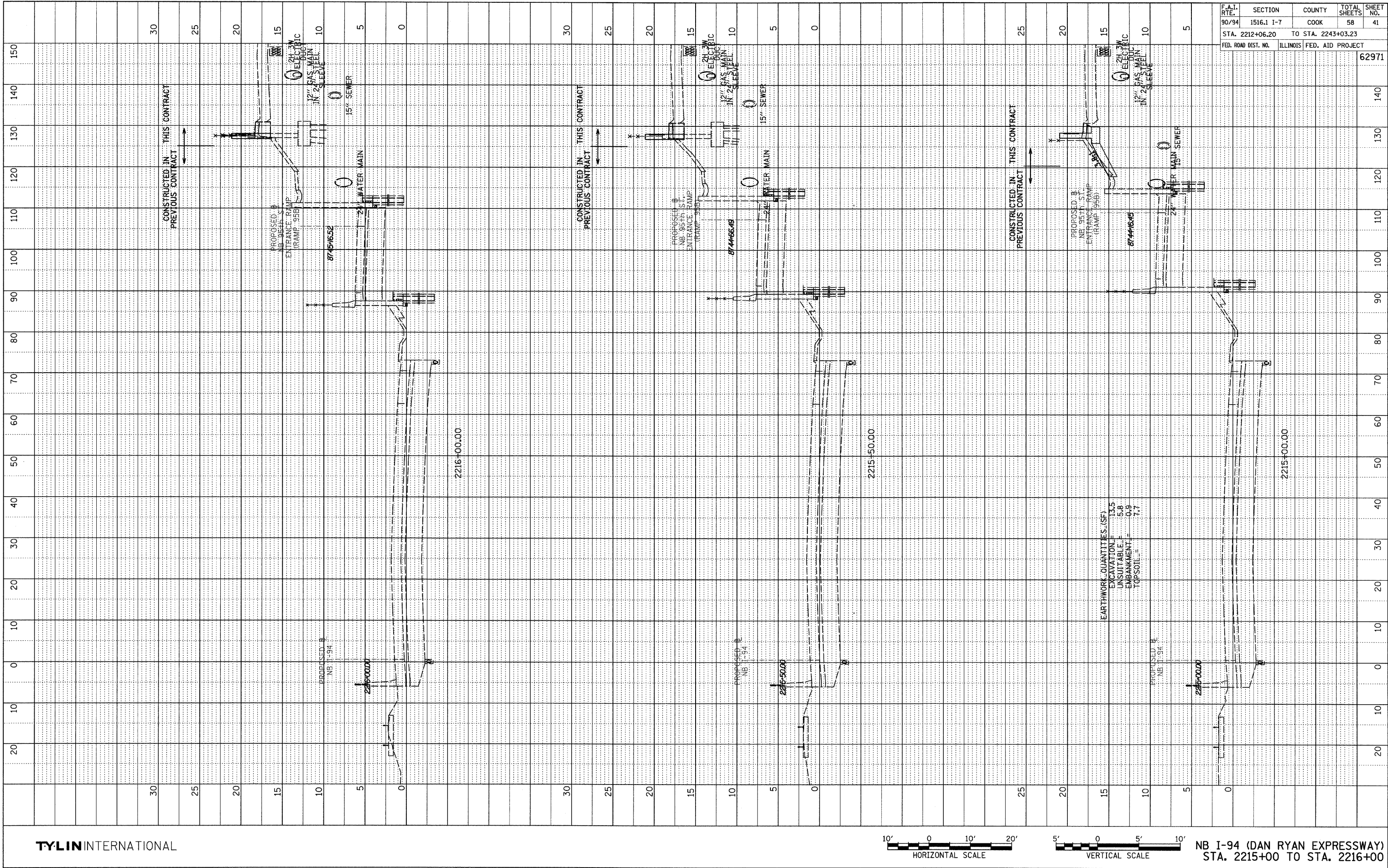


NB I-94 (DAN RYAN EXPRESSWAY)
STA. 2213+50 TO STA. 2214+50

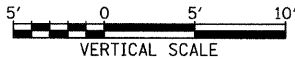
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	1516.1 I-7	COOK	58	40
STA. 2212+06.20 TO STA. 2243+03.23				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
				62971

10/17/2008 10:19:56 AM

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
	E.M. NOTED		
	STRUCTURE NOTATIONS		



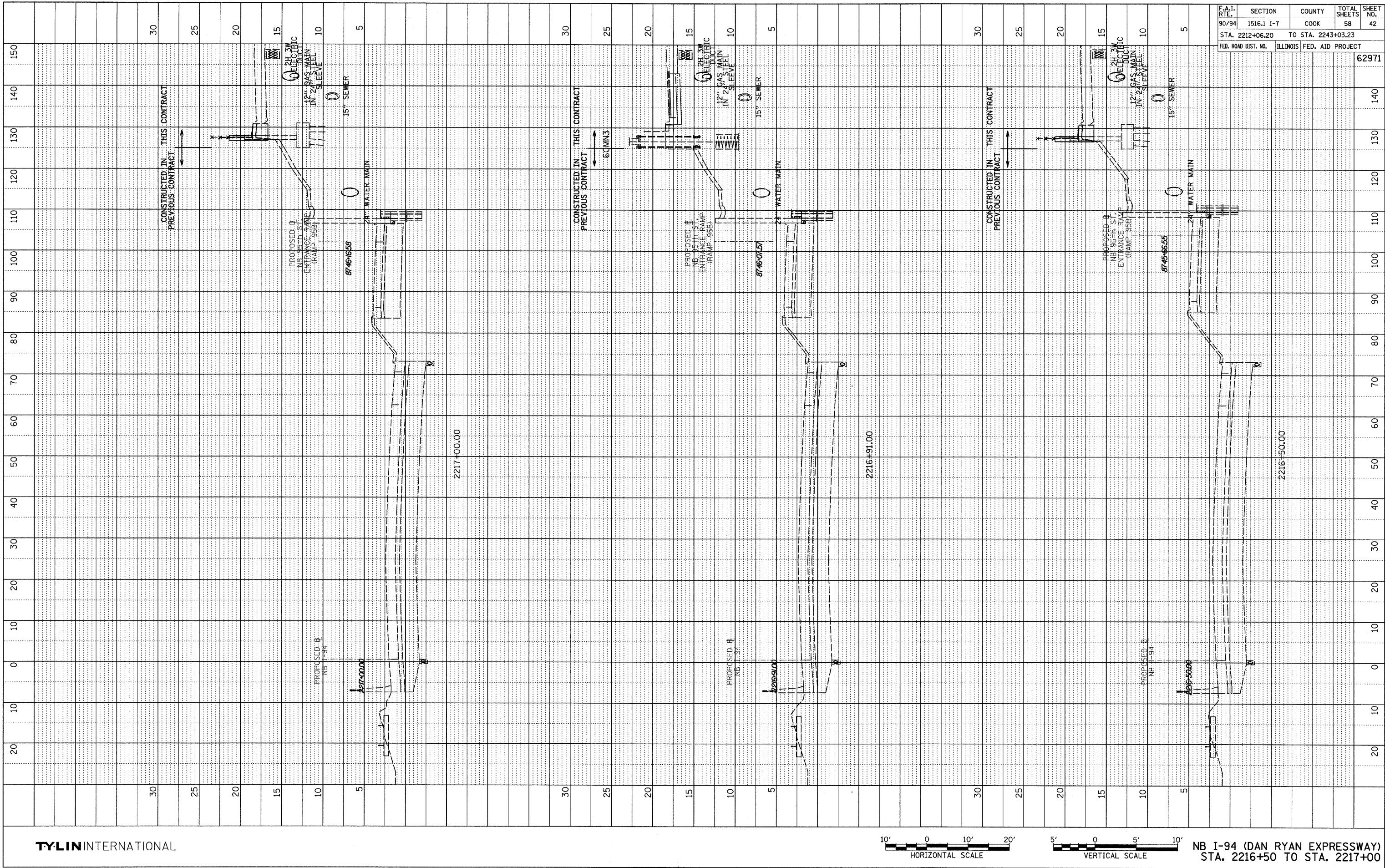
TYLIN INTERNATIONAL



NB I-94 (DAN RYAN EXPRESSWAY)
STA. 2215+00 TO STA. 2216+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	1516.1 I-7	COOK	58	41
STA. 2212+06.20	TO STA. 2243+03.23			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	62971	

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



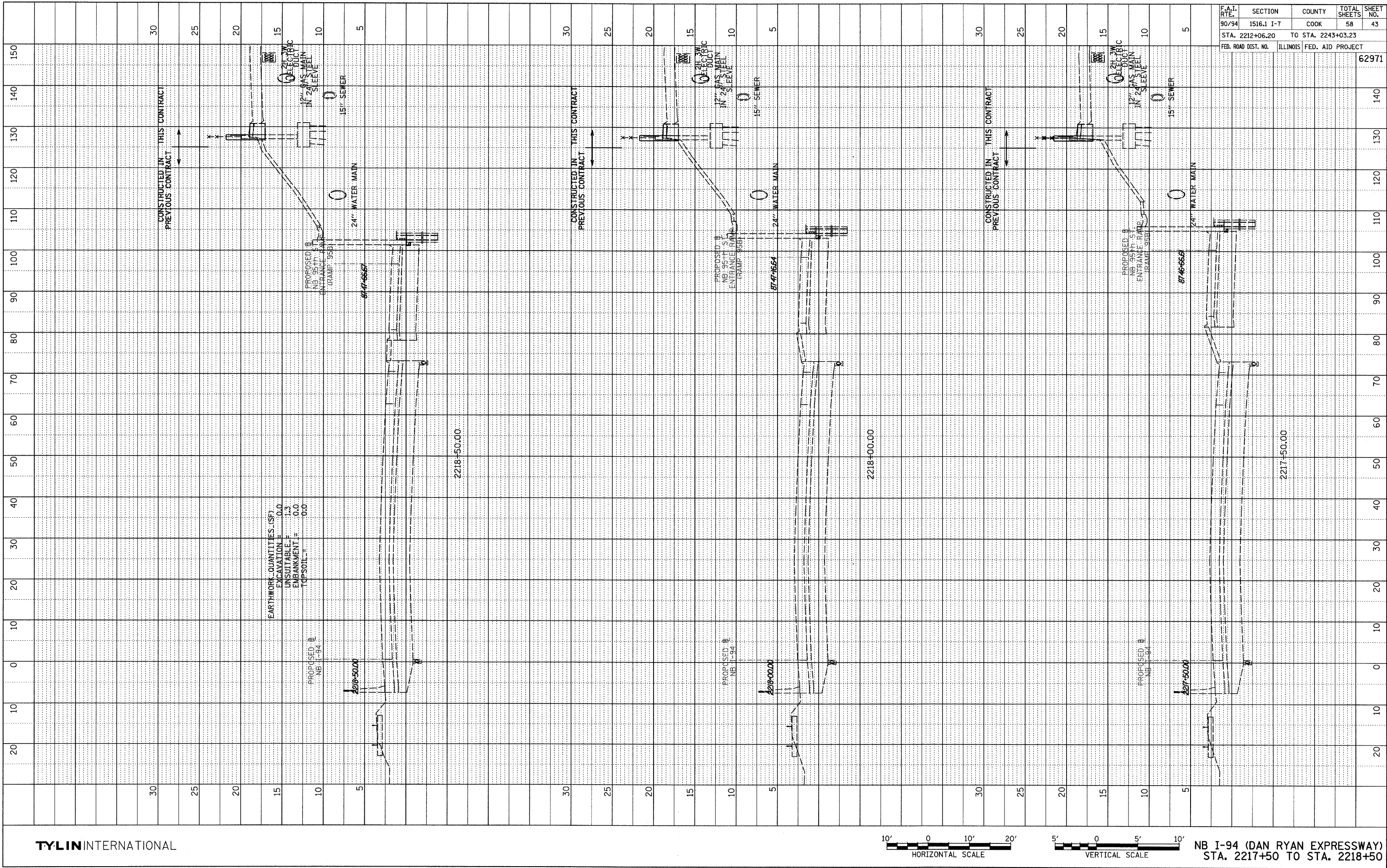
TYLIN INTERNATIONAL



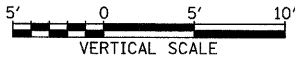
NB I-94 (DAN RYAN EXPRESSWAY)
STA. 2216+50 TO STA. 2217+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	1516.1 I-7	COOK	58	42
STA. 2212+06.20	TO STA. 2243+03.23			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		62971

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	BY		



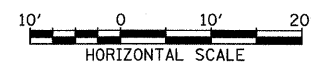
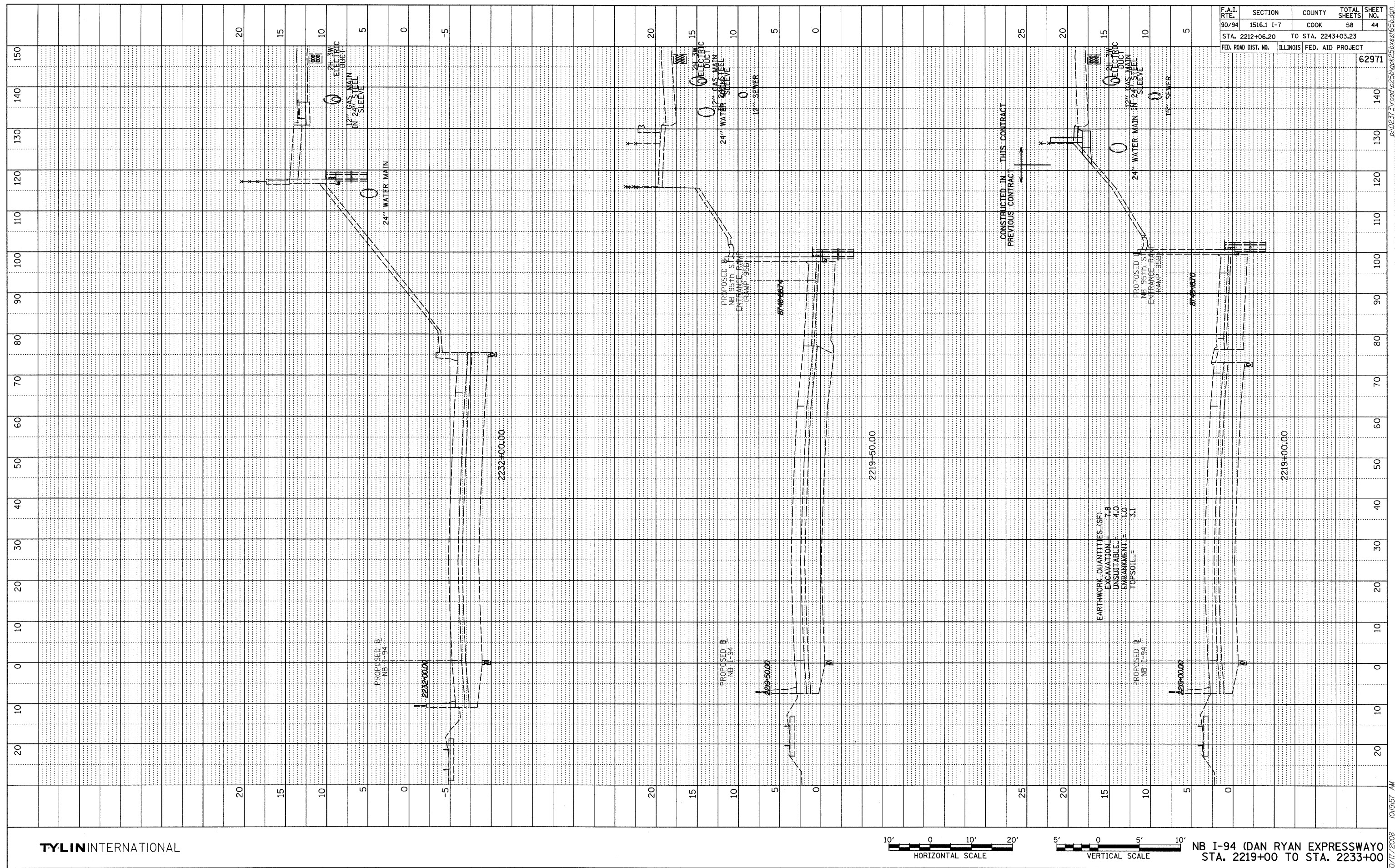
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NB I-94 (DAN RYAN EXPRESSWAY)
STA. 2217+50 TO STA. 2218+50

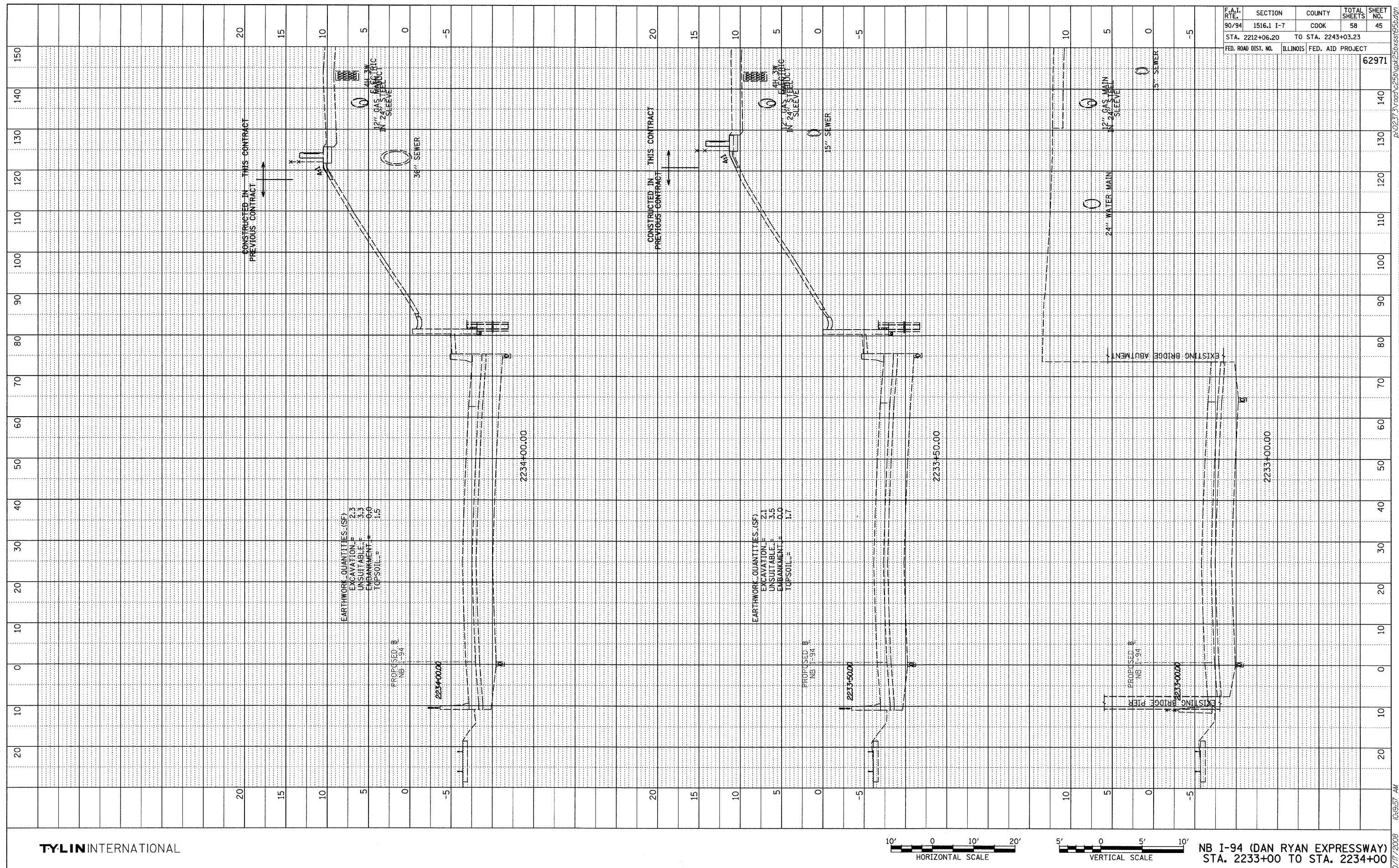
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	1516.1 I-7	COOK	58	43
STA. 2212+06.20		TO STA. 2243+03.23		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
				62971

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO. _____	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATIONS CHK'D		

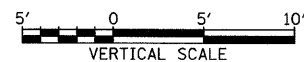
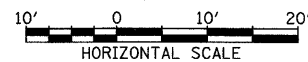


NB I-94 (DAN RYAN EXPRESSWAY)
STA. 2219+00 TO STA. 2233+00

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATIONS CHECKED		



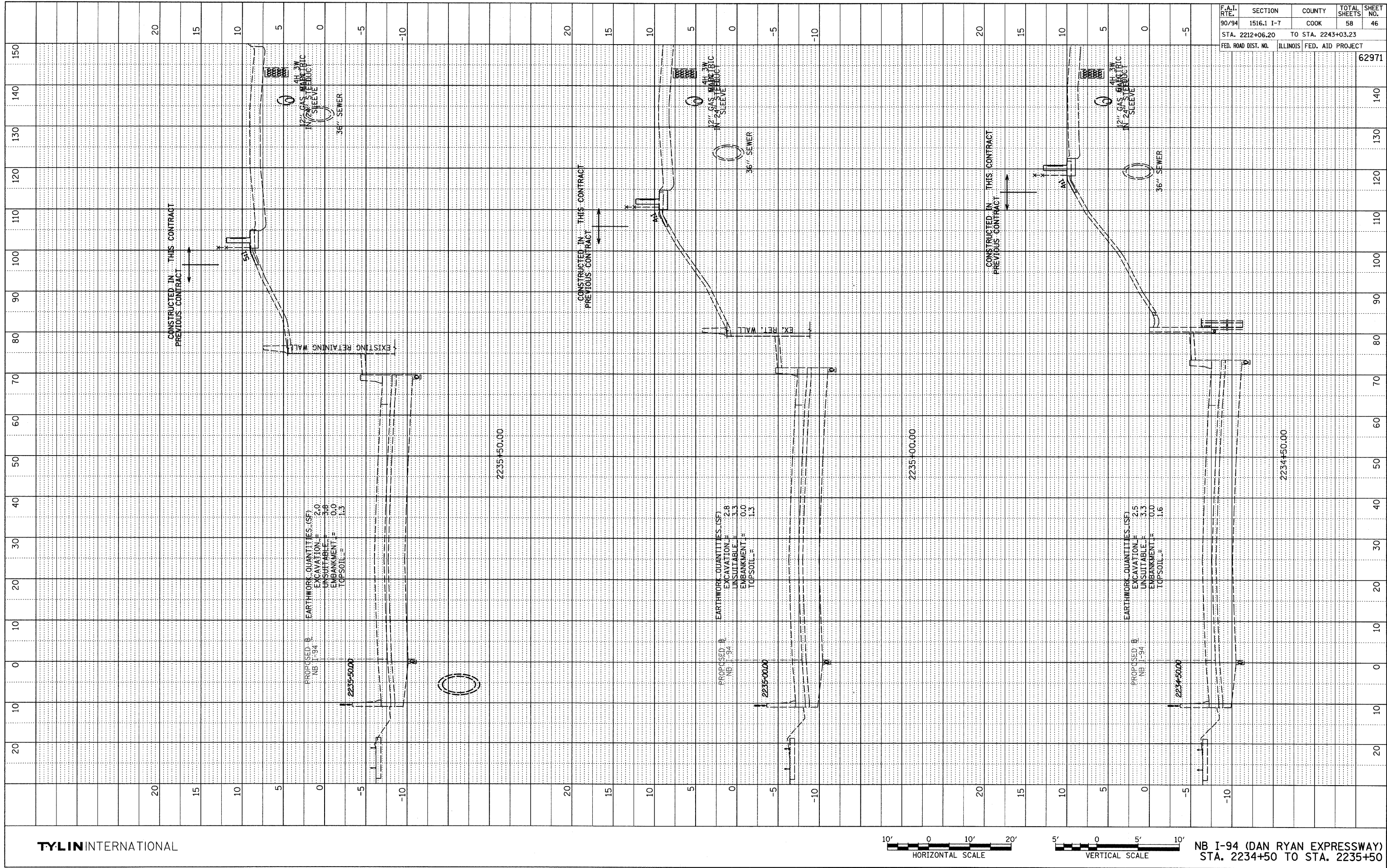
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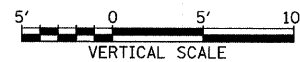
NB I-94 (DAN RYAN EXPRESSWAY)
STA. 2233+00 TO STA. 2234+00

10/17/2008 10:19:57 AM

PROFILE	DATE
BY	
REVIEWED	
NOTE BOOK	
GRADES CHECKED	
PLAN NOTED	
NO.	



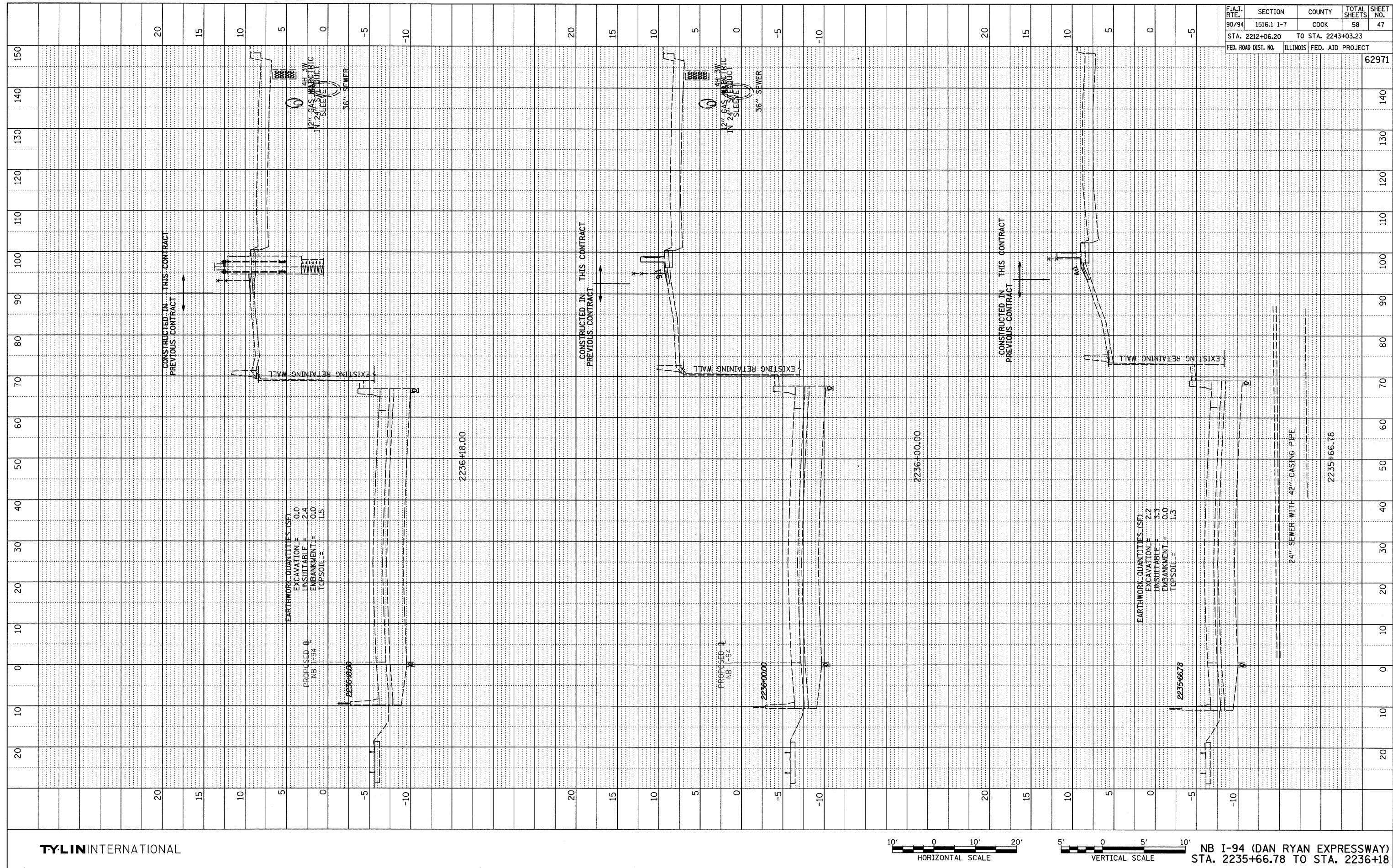
TYLIN INTERNATIONAL



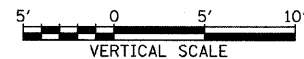
NB I-94 (DAN RYAN EXPRESSWAY)
STA. 2234+50 TO STA. 2235+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	1516.1 I-7	COOK	58	46
STA. 2212+06.20	TO STA. 2243+03.23			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
				62971

PROFILE	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
NO. _____	GRADES CHECKED _____		
	B.M. NOTED _____		
	STRUCTURE NOTAT'NS CHK'D _____		



TY·LININTERNATIONAL

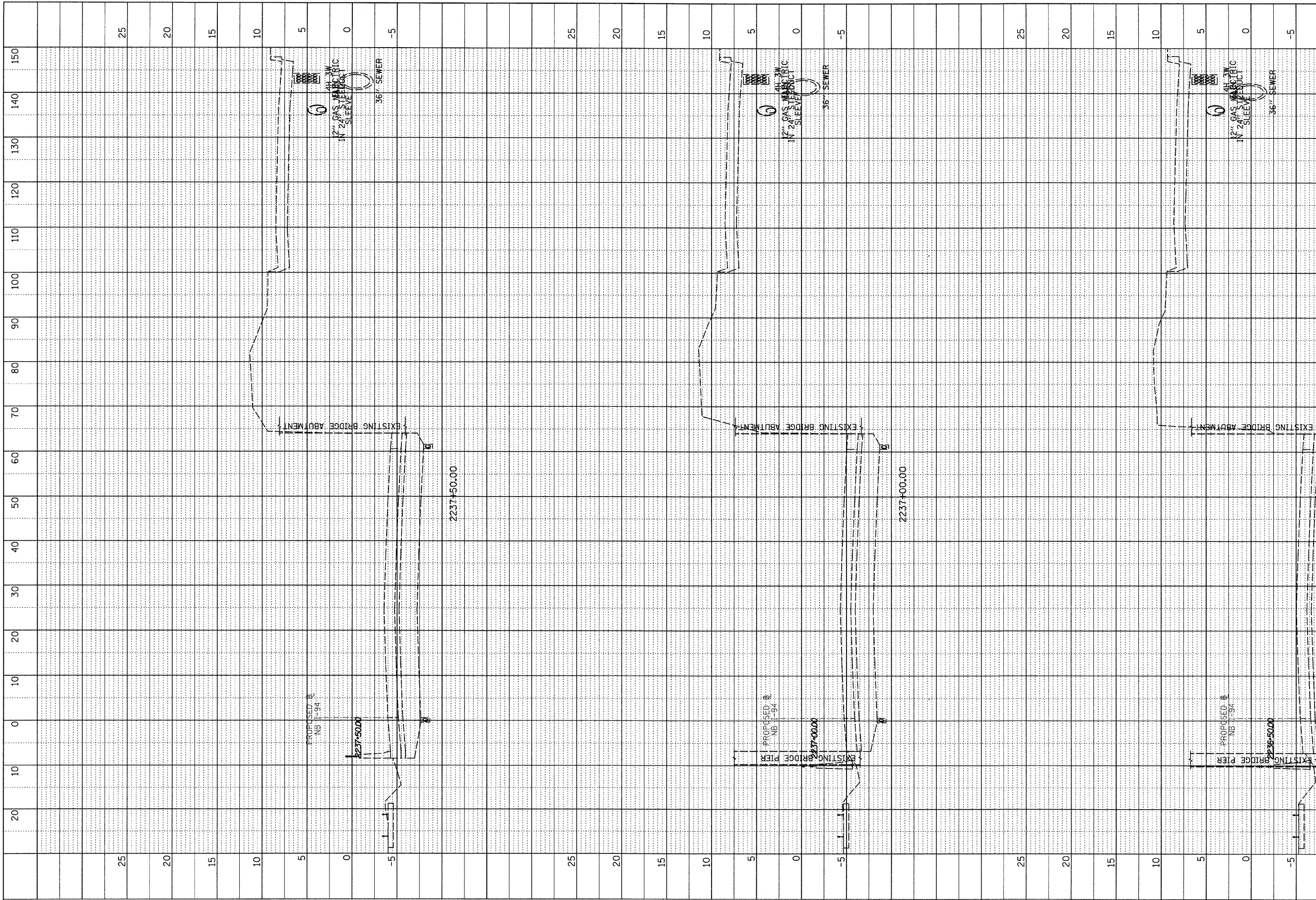


NB I-94 (DAN RYAN EXPRESSWAY)
STA. 2235+66.78 TO STA. 2236+18

10/17/2008 10:19:57 AM

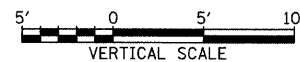
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PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	BY		



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	1516.1 I-7	COOK	58	48
STA. 2212+06.20		TO STA. 2243+03.23		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
				62971

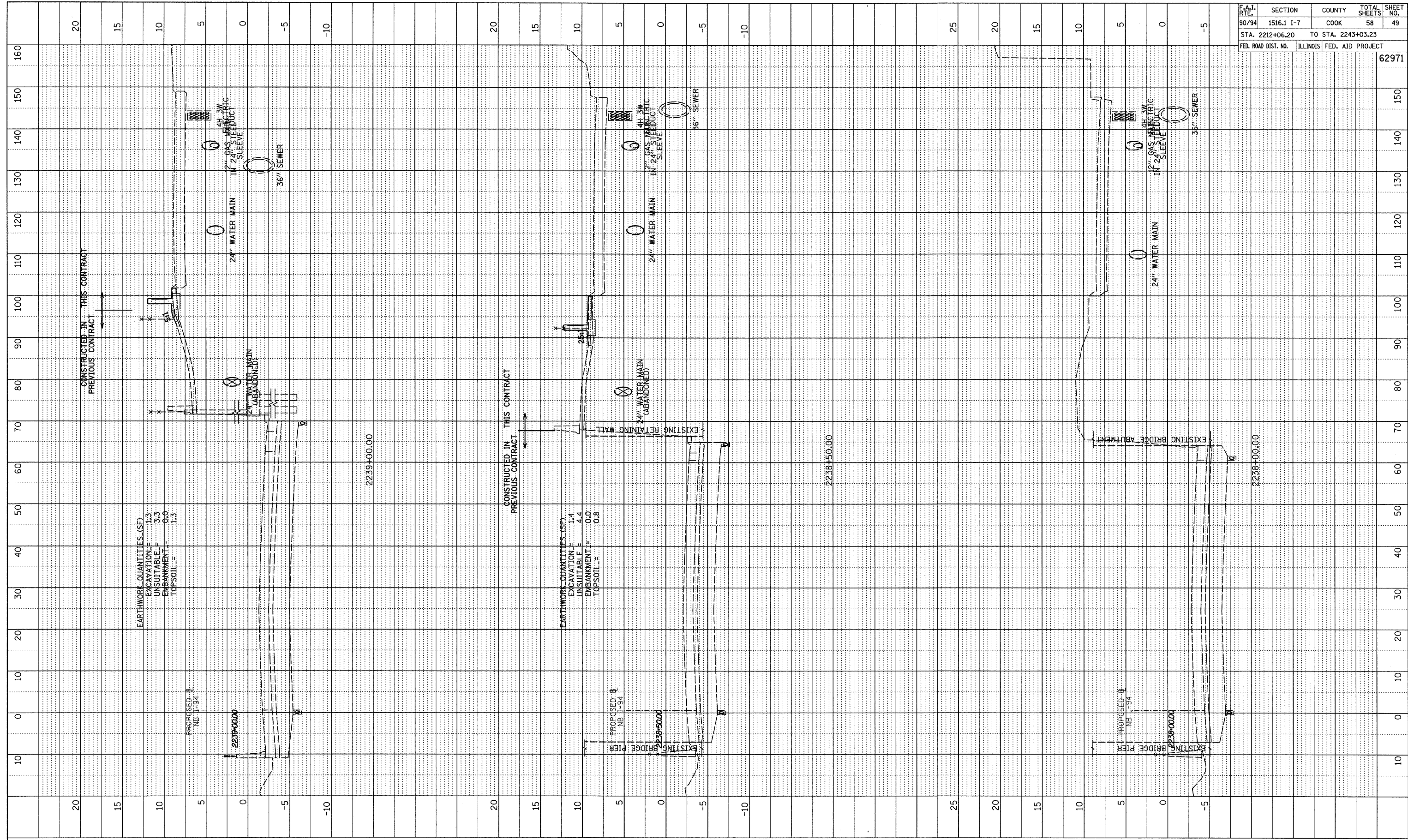
TYLIN INTERNATIONAL



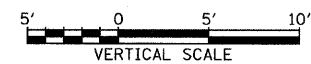
NB I-94 (DAN RYAN EXPRESSWAY)
STA. 2235+50 TO STA. 2237+50

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	GRADES CHECKED		
	B.M. NOTED		
NO. _____	STRUCTURE	NOTATNS CHK'D	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	1516.1 1-7	COOK	58	49
STA. 2212+06.20 TO STA. 2243+03.23				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
				62971



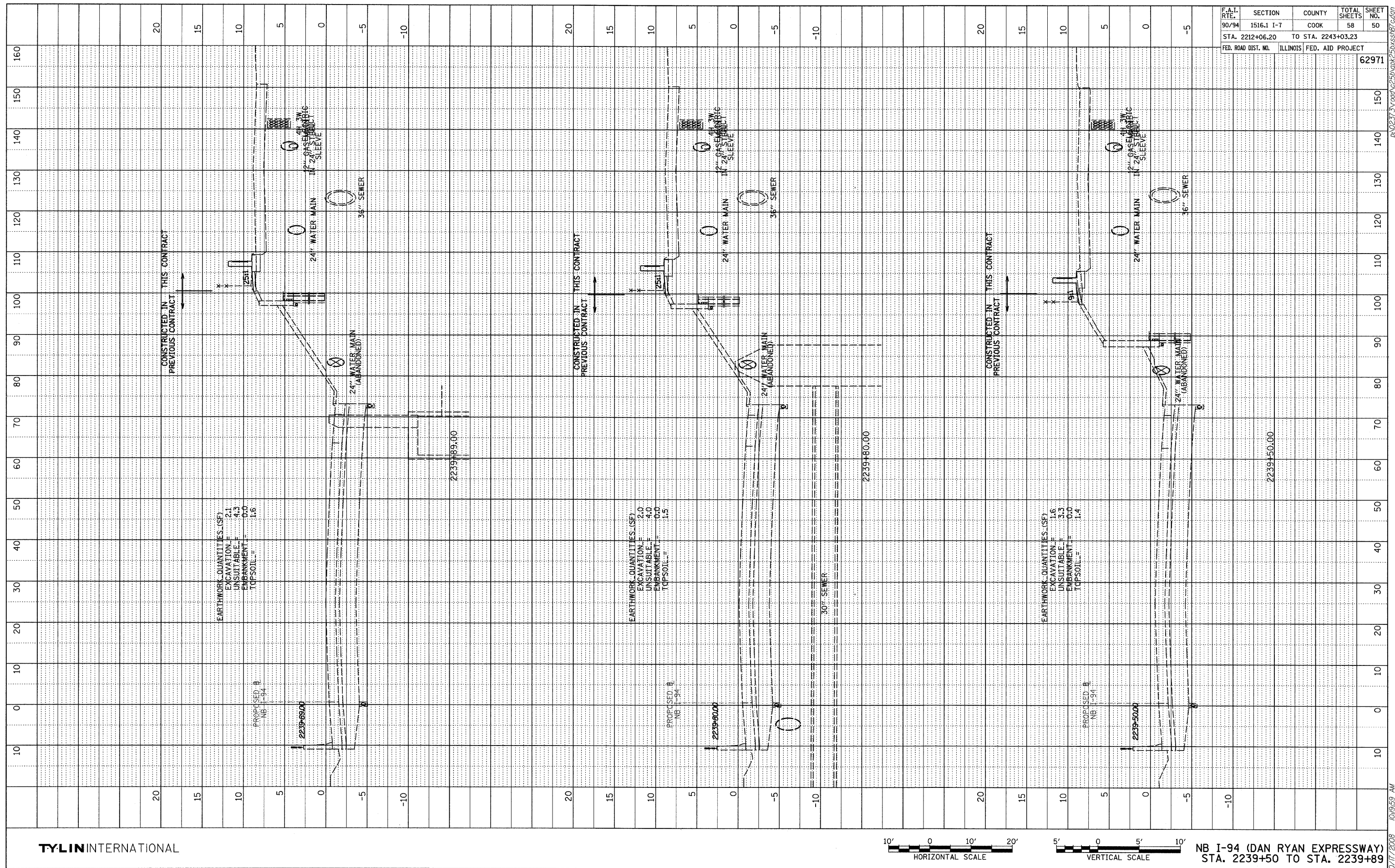
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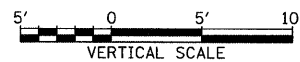
NB I-94 (DAN RYAN EXPRESSWAY)
STA. 2238+00 TO STA. 2239+00

10/17/2008 10:19:59 AM

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	GRADES CHECKED		
	B.M. NOTED		
NO. _____	STRUCTURE NOTATIONS CHK'D		



TYLININTERNATIONAL

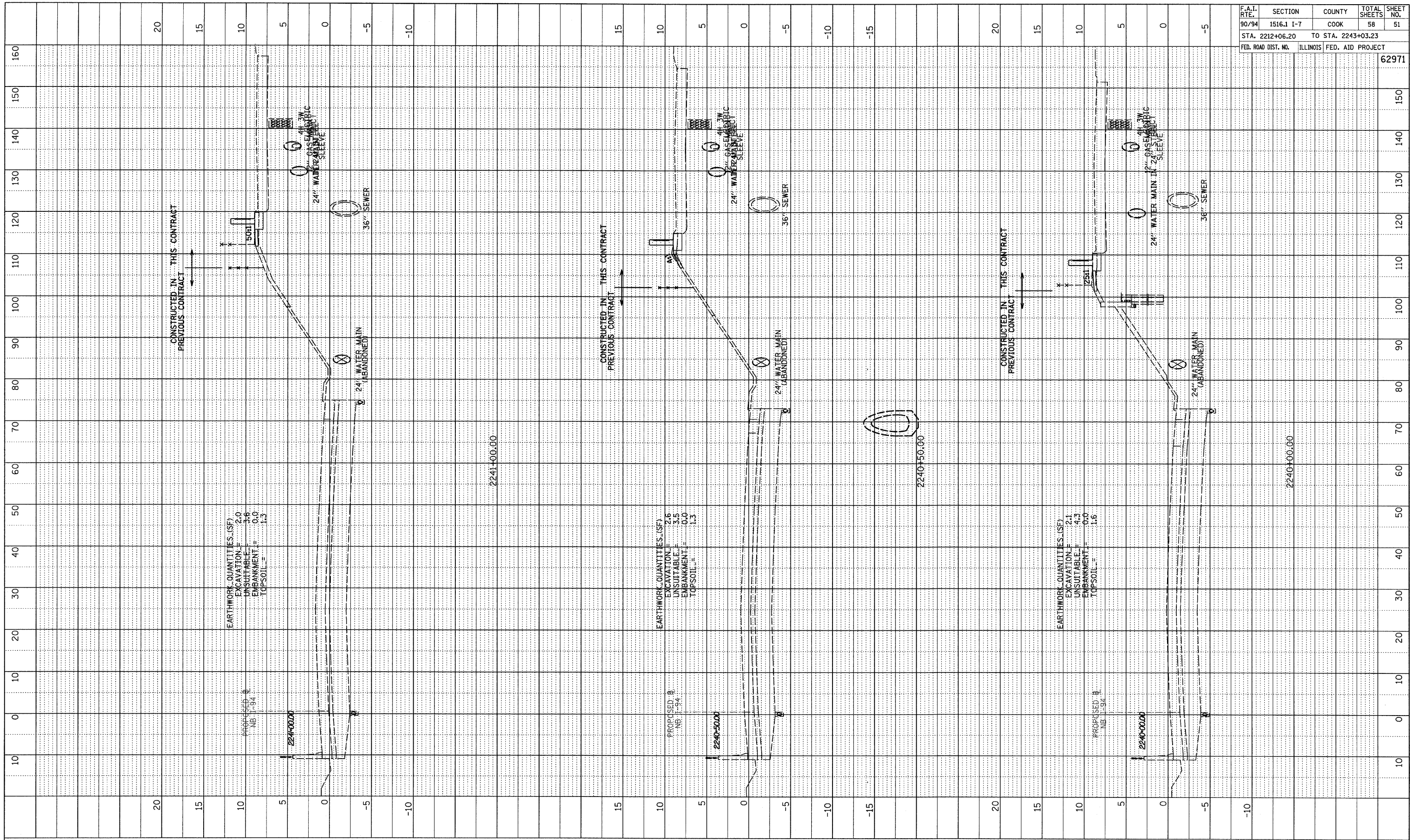


NB I-94 (DAN RYAN EXPRESSWAY)
STA. 2239+50 TO STA. 2239+89

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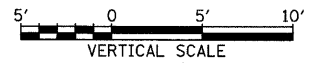
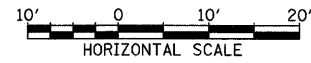
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PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	NOTE BOOK		
	NO.		



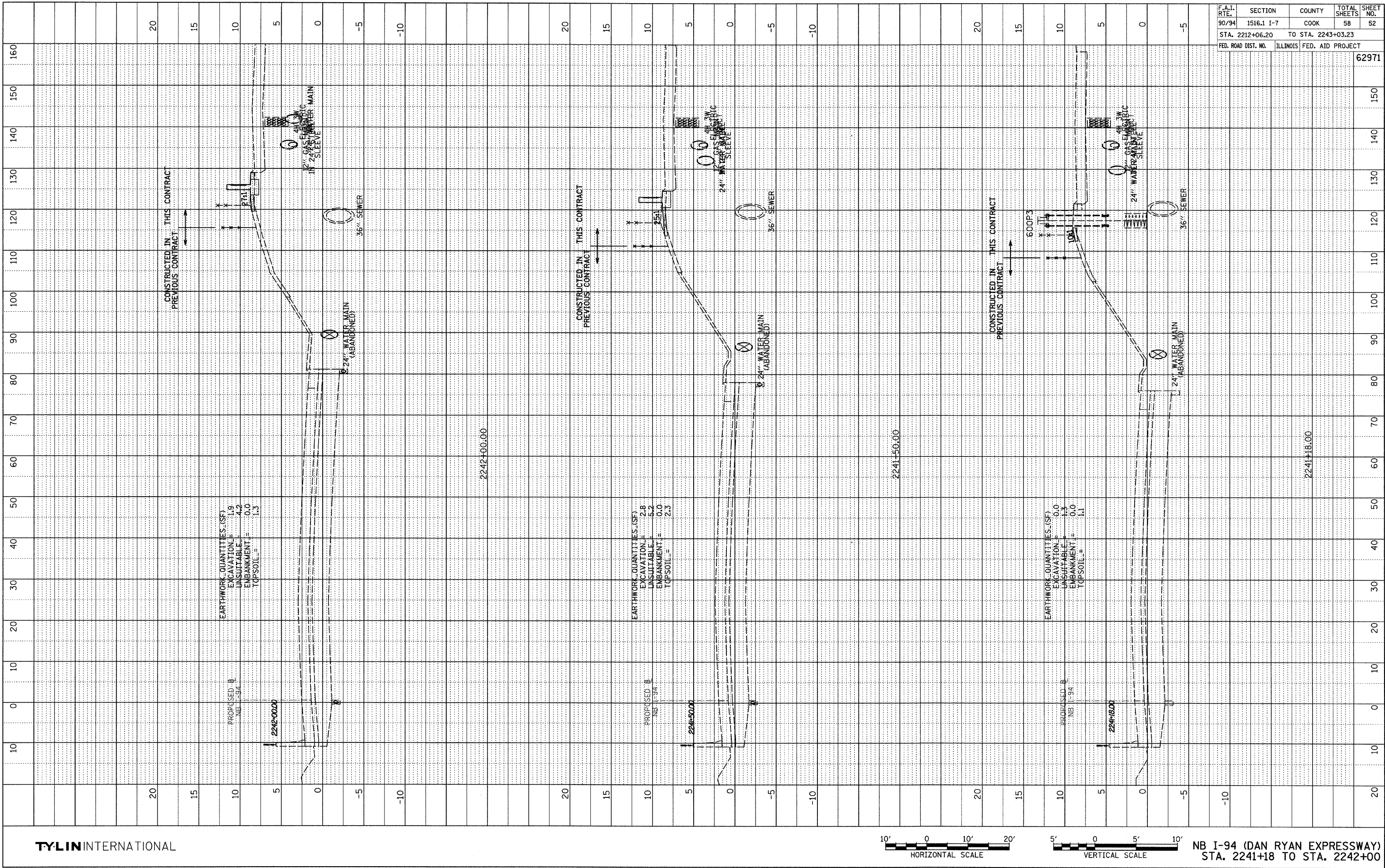
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90/94	1516.1 I-7	COOK	58	51
STA. 2212+06.20 TO STA. 2243+03.23				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT 62971				

TYLIN INTERNATIONAL



NB I-94 (DAN RYAN EXPRESSWAY)
STA. 2240+00 TO STA. 2241+00

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	PLAN NOTED		
	PLANS USE NOTATIONS CHWD		

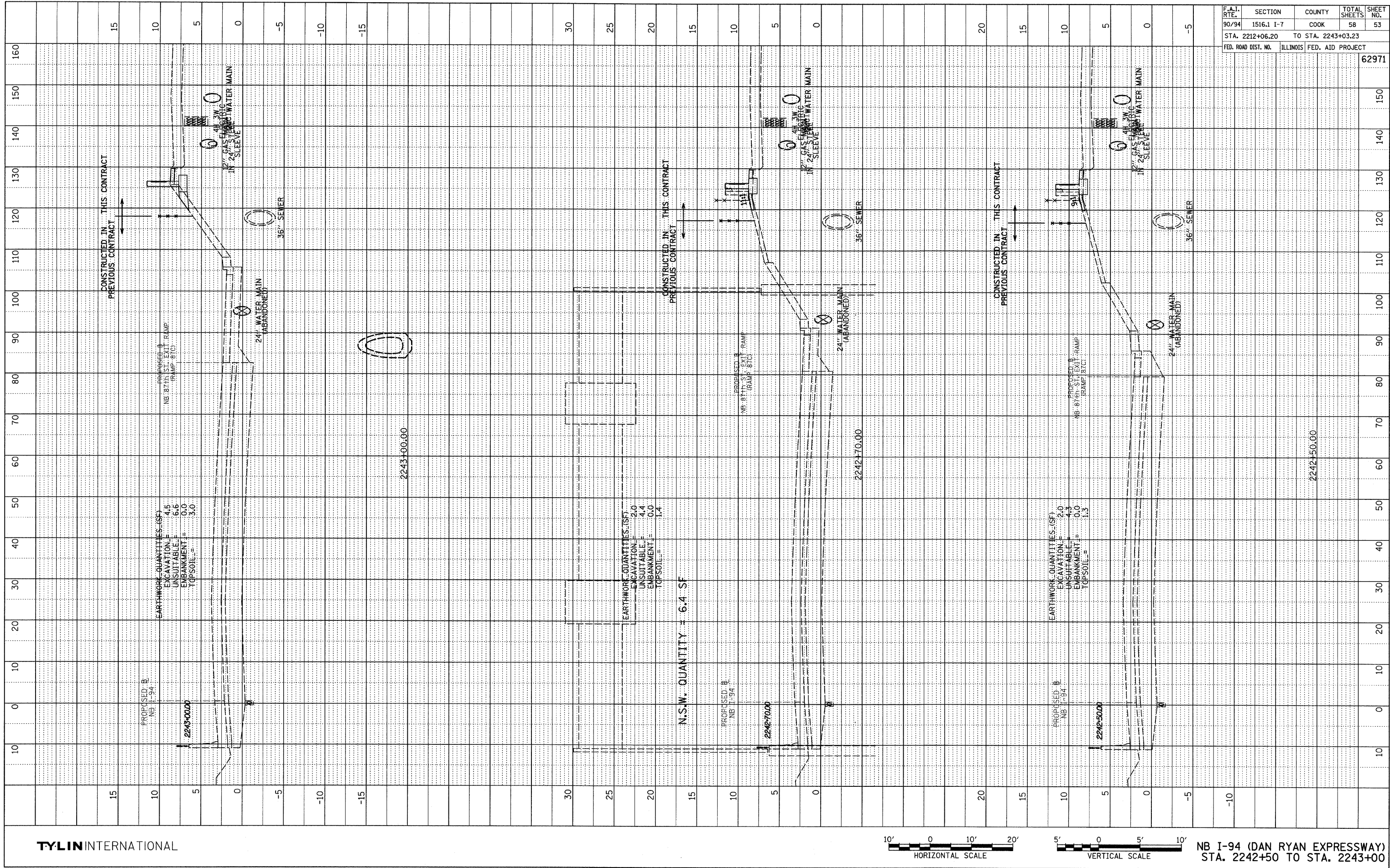


TYLIN INTERNATIONAL

NB I-94 (DAN RYAN EXPRESSWAY)
STA. 2241+18 TO STA. 2242+00

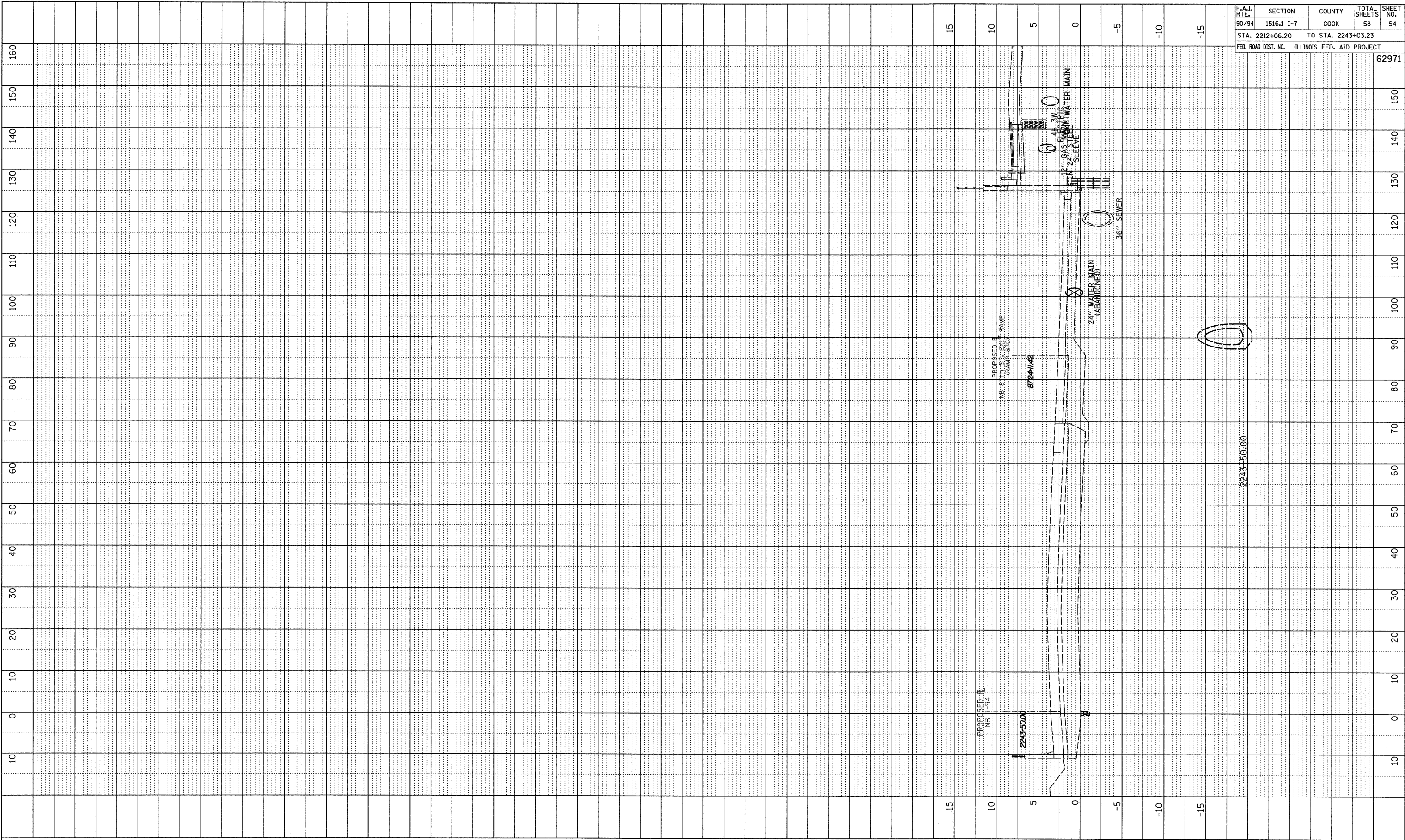
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	1516.1 I-7	COOK	58	52
STA. 2212+06.20		TO STA. 2243+03.23		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	62971	

PROFILE	STARTED	BY	DATE
NOTE BOOK	GRADES CHECKED		
	PLAN NOTED		
	STRUCTURE ABUTTS CHNG		



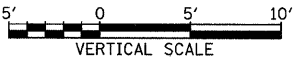
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90/94	1516.1 I-7	COOK	58	53
STA. 2212+06.20	TO STA. 2243+03.23			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
				62971

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLANS CHECKED		
NO.	DATE NOTED		
	BY		

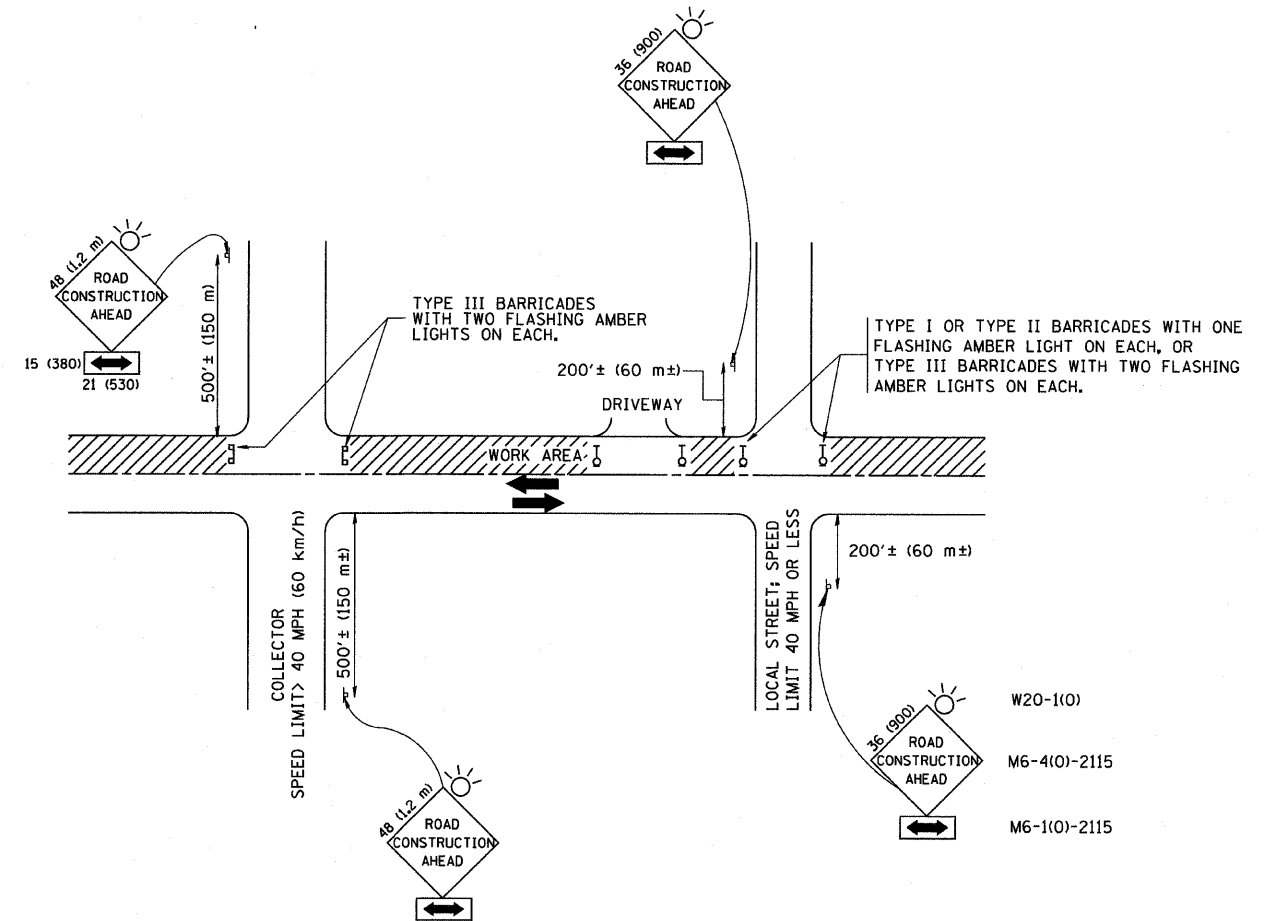


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	1516.1 I-7	COOK	58	54
STA. 2212+06.20		TO STA. 2243+03.23		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
				62971

TYLIN INTERNATIONAL



NB I-94 (DAN RYAN EXPRESSWAY)
STA. 2243+50



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

NOTES:

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

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

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

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

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

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

FILE NAME =	USER NAME = goglienobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
W:\diststd\22x34\td10.dgn		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACH 01-06-00

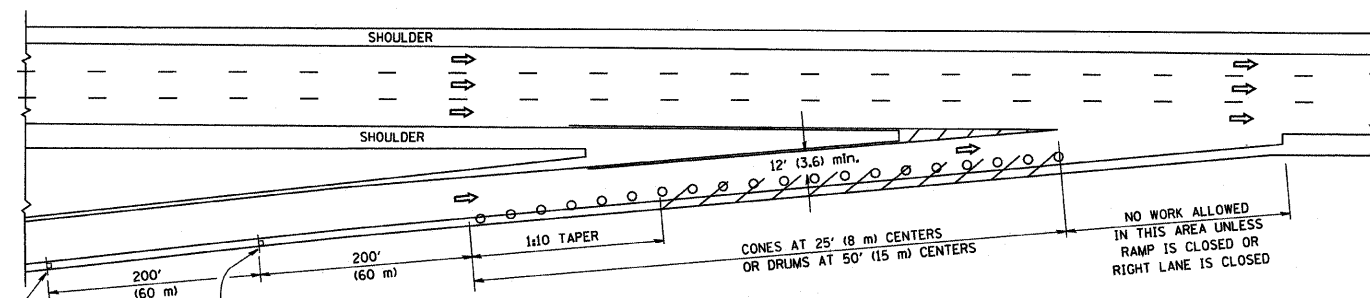
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

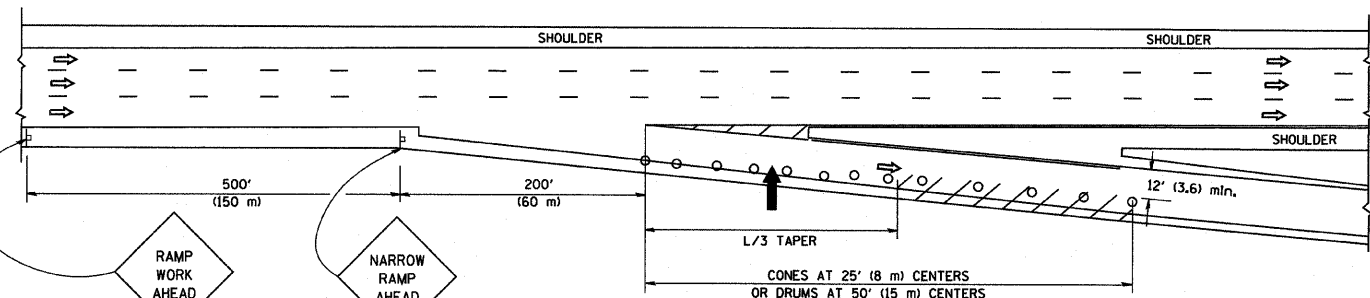
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1 1-7	COOK	58	55
TC-10		CONTRACT NO. 62971		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

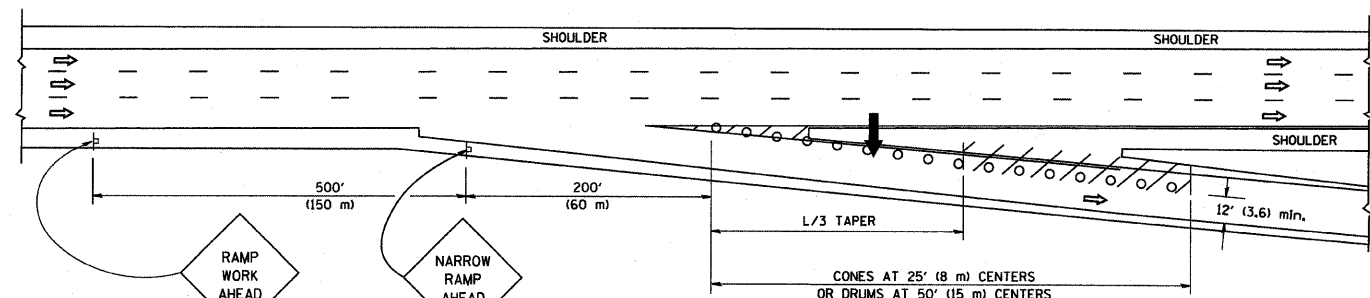
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

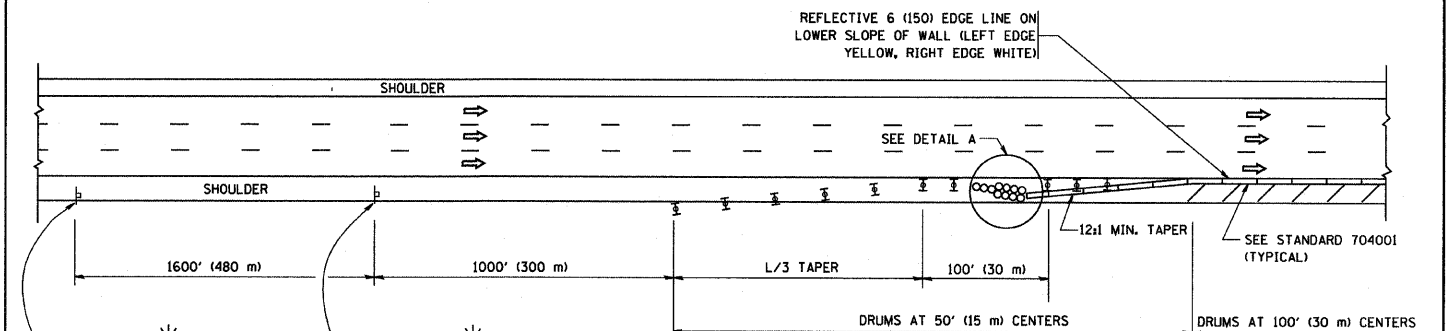
SYMBOLS

- ➔ ARROWBOARD
- ▨ WORK AREA
- ├ SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- ⊥ TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE

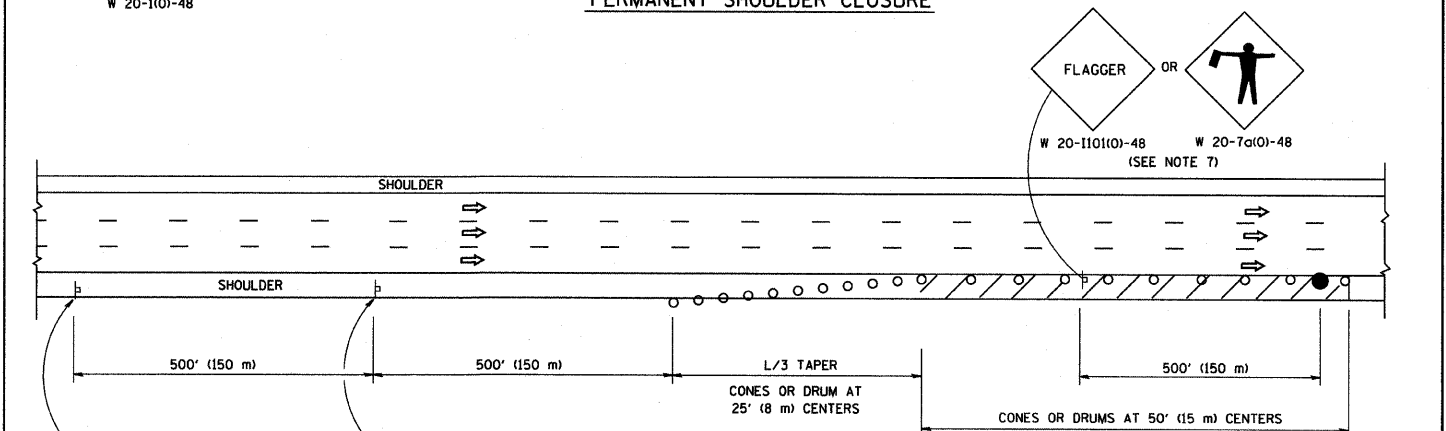
GENERAL NOTES

- THE "L" DISTANCE EQUALS:
SPEED LIMIT FORMULAS
45 mph (80 km/h) METRIC ENGLISH
OR GREATER: $L = 0.65(W)(S)$ $L = (W)(S)$
W = WIDTH OF OFFSET IN FEET (METERS)
S = NORMAL POSTED SPEED MPH (KM/H)
- PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

SHOULDER CLOSURE DETAILS



PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

ARRAY DESIGN PER MANUFACTURER TO BE NCHRP 350 COMPLIANT FOR POSTED SPEED.

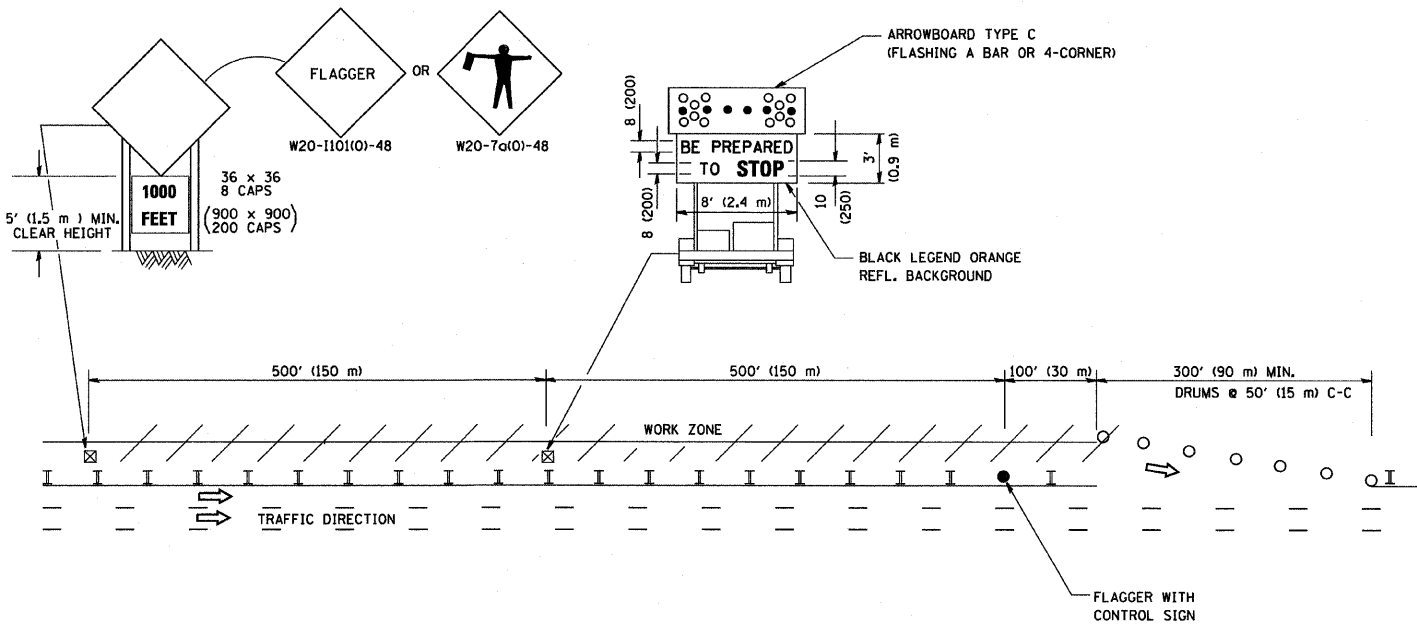
DETAIL "A"
IMPACT ATTENUATOR, TEMPORARY
(SEE NOTE 5)

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

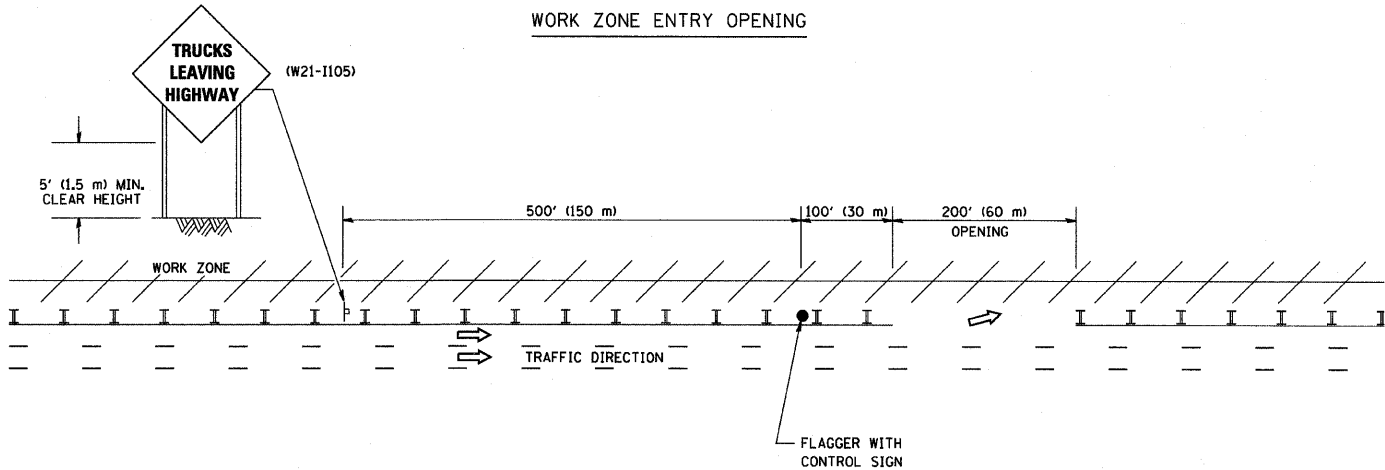
FILE NAME =	USER NAME = gaglienob	DESIGNED -	REVISED - J.A.F. 12-02	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
W:\diststd\22x34\1017.dgn		DRAWN - D.W.S.	REVISED - 04-03		SCALE: NONE			94	1516.1	1-7	58	56
		CHECKED -	REVISED - J.A.F. 12-06		SHEET NO. 1 OF 1 SHEETS			CONTRACT NO. 62971				
		DATE - 11-96	REVISED - S.P.B. 01-07		STA. TO STA.			FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING

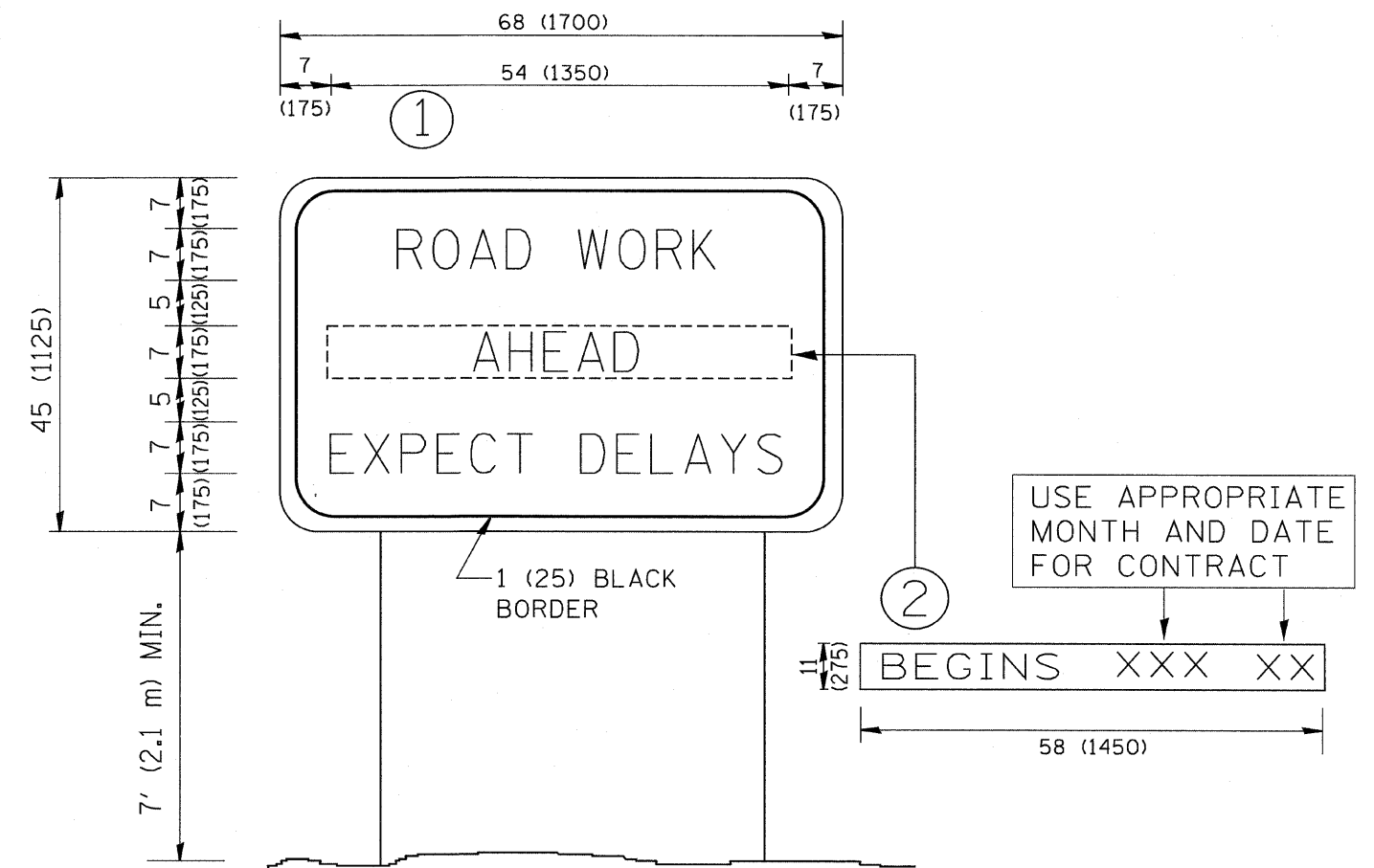


NOTES:

1. The Arrowboard, the Flagger Ahead trailer mounted sign, and the Trucks Leaving Highway sign shall be removed or turned away from traffic and the exit and entry openings shall be closed when the flagging operation ceases.
2. Work Zone Exit Openings should be a minimum of one half mile apart.
3. Exiting the work zone at any place other than at a Work Zone Exit Opening will be prohibited.
4. All vehicles shall enter the work zone at entry openings, using their turn signals to warn motorists

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN

FILE NAME = W:\distotd\22x34\to18.dgn	USER NAME = geglennobt	DESIGNED -	REVISED - D.W.S. 08-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS			F.A. RTE. 94	SECTION 1516.1	COUNTY 1-7	TOTAL SHEETS 53	SHEET NO. 57
	PLOT SCALE = 50.000' / IN.	DRAWN -	REVISED - J.A.F. 04-03		SCALE: NONE			TC-18				CONTRACT NO. 62971
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - J.A.F. 02-06		SHEET NO. 1 OF 1 SHEETS			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
		DATE -	REVISED - S.P.B. 01-07		STA. TO STA.							



NOTES:

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

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

FILE NAME = W:\diststd\22x34\tc22.dgn	USER NAME = geghenobt	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. MIRS 12-11-97					94	1516.1	1-7	58	58
	PLOT SCALE = 50,000" / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99					TC-22				
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE	SHEET NO. 1 OF 1	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT	CONTRACT NO. 62971