

**INDEX OF SHEETS**

FOR INDEX OF SHEETS, SEE SHEET NO. 2

DAN RYAN EXPRESSWAY:	ADT (2010)	DESIGN SPEED	POSTED SPEED
SB I-94 (DAN RYAN)	140,500	60 MPH	55 MPH
SB 87TH STREET ENTRANCE RAMP	13,400	45 MPH	40 MPH
SB 95TH STREET EXIT RAMP	11,900	45 MPH	40 MPH

CROSS STREETS AND FRONTAGE ROADS:	ADT	POSTED SPEED
87TH STREET	24,900	30 MPH
SOUTH LAFAYETTE AVENUE	6,800	30 MPH

**DESCRIPTION OF PROJECT**

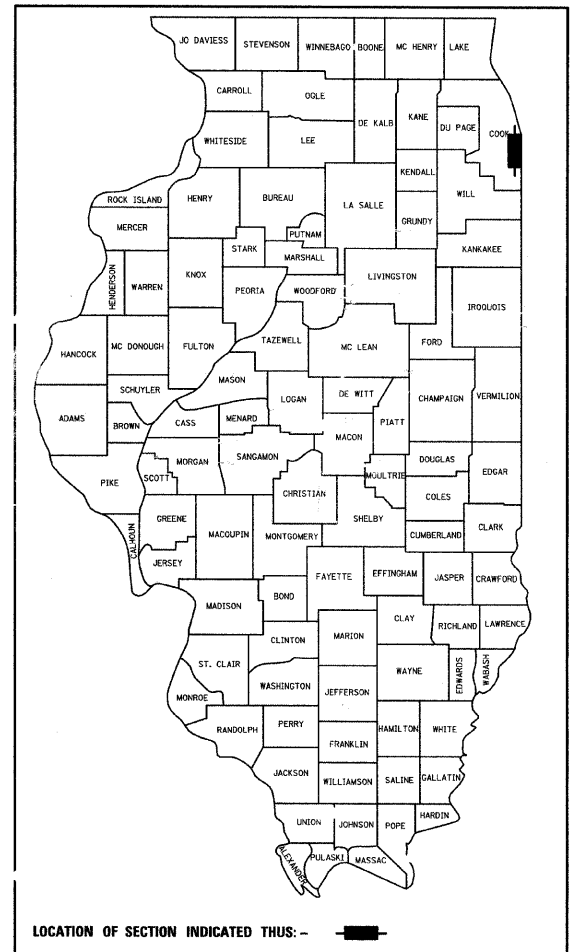
CONSTRUCTION OF FLUTED KNEE WALLS AND FLUTED PARAPET ON EXISTING RETAINING WALL LOCATED WITHIN THE PROJECT LIMITS.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED HIGHWAY PLANS**

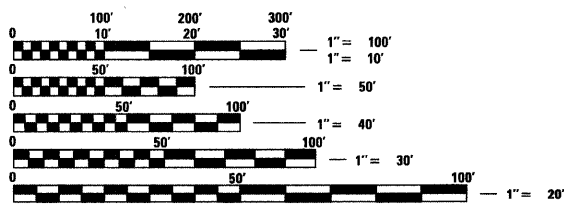
F.A.I. ROUTE 94 (DAN RYAN EXPRESSWAY)  
SECTION (1516.1 & 1717)I-10  
FLUTED KNEE WALL CONSTRUCTION ALONG LAFAYETTE AVENUE  
FROM 94TH STREET TO 88TH STREET  
COOK COUNTY  
C-91-236-05

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1&1717 I-10	COOK	44	1
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
D-91-236-05				62978



LOCATION OF SECTION INDICATED THUS: - [Symbol] -

**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

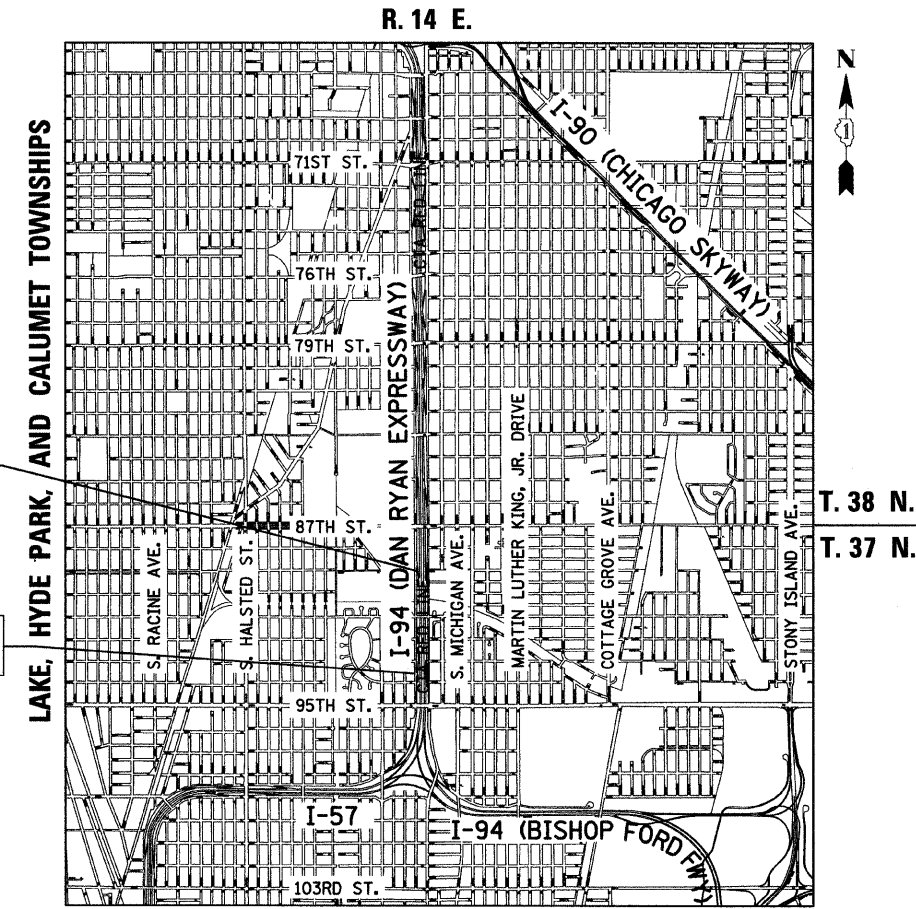
DIGGER:  
CHICAGO UTILITY ALERT NETWORK  
(312) 744-7000

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

**CONTRACT NO. 62978**

F.A.I. 94 (RYAN) PROJECT LIMIT  
STA. 1248 + 12.50 (SB I-94)

F.A.I. 94 (RYAN) PROJECT LIMIT  
STA. 1216 + 84.45 (SB I-94)



**LOCATION MAP**

GROSS LENGTH OF PROJECT = 3128.1 FT. = 0.59 MI.  
NET LENGTH OF PROJECT = 3128.1 FT. = 0.59 MI.  
MAP SCALE: 1" = 1/2 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED JANUARY 8, 2009  
Diann 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 26B**



Signed Dean A. Kirsling  
Date 01-07-09  
32957 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS Expires 11-30-2009

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	44	2
STA. 1216+84.45		TO STA. 1248+12.50		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*(1516.1 & 1717 I-10)		62978		

**INDEX OF SHEETS**

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1	COVER
2	INDEX OF SHEETS, INDEX OF STATE STANDARDS, GENERAL NOTES AND CONTRACTOR ACCESS ASSUMPTIONS
3	SUMMARY OF QUANTITIES AND SCHEDULE OF QUANTITIES
4-5	EXISTING AND PROPOSED TYPICAL SECTIONS
6-16	ALIGNMENT PLAN AND SURVEY TIES FOR CONTROL POINTS
17-24	EXISTING PLAN AND PROPOSED PLANS
25	95TH STREET EXIT RAMP TERMINAL DETAIL
26	CONCRETE MEDIAN SURFACE, 5" (MODIFIED) WITH CALIFORNIA FINISH DETAIL
27-30	FLUTED KNEE WALL, FLUTED KNEE WALL, SPECIAL, FLUTED KNEE WALL, AT HMLT, AND PARAPET RECONSTRUCTION STANDARD DETAILS
31-40	PROPOSED CROSS SECTIONS
41	TC-10 DIST 1, TRAFFIC CONTROL AND PROTECTION SPECIAL FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
42	TC-17 DIST 1, TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES PARTIAL RAMP CLOSURES
43	TC-18 DIST 1, SIGNING FOR FLAGGING AT WORK ZONE OPENINGS
44	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 A FOOT
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
664001-02	CHAIN LINK FENCE
701456-	PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
701601-03	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:**

- 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.
- 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.
- THE CONTRACTOR SHALL NOT SET UP A YARD OR FIELD OFFICE ON IDOT PROPERTY WITHOUT WRITTEN PERMISSION FROM IDOT.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ABUTTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.
- 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)
- 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.
- 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.
- ALL EXISTING FENCE THAT IS REQUIRED TO BE REMOVED AND RE-ERECTED OR TEMPORARY FENCE SHALL BE RELOCATED OR PLACED PRIOR TO THE START OF INSTALLATION OF THE PROPOSED KNEE WALL OR AS DIRECTED BY THE ENGINEER.
- 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.
- 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.
- 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.
- THE ENGINEER SHALL BE ALLOWED ACCESS TO THE FIELD OFFICE IN USE FOR CONTRACT #62981 (26E).
- 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).
- THE CONTRACTOR SHALL NOT MAINTAIN A PERMANENT PARTIAL RAMP OR SHOULDER CLOSURE ALONG MAINLINE I-94 (DAN RYAN) FOR THE DURATION OF THIS PROJECT. ONLY TEMPORARY PARTIAL RAMP CLOSURES SHALL BE PERMITTED.
- ALL CATCH BASINS IN THE CITY OF CHICAGO SHALL MEET THE CHICAGO DEPARTMENT OF WATER MANAGEMENT'S STANDARDS.
- 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.
- 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.
- 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.
- PERFORATED LIDS SHALL BE PLACED ON ALL SEWER MANHOLES AND CATCH BASINS.
- NIGHT OPERATIONS SHALL NOT BE ALLOWED
- 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.):**

- 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.
- 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.
- 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.
- 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.
- 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.
- THE REMOVED AND RE-ERECTED EXISTING FENCE OR TEMPORARY FENCE SHALL REMAIN IN ITS POSITION, AS SHOWN ON PLANS, AT THE END OF THIS CONTRACT. FUTURE CONTRACT #60A02 SHALL INSTALL THE PERMANENT FENCING ON THE KNEE WALL AND THEN REMOVE THE FENCE LEFT IN PLACE BY THIS CONTRACT.
- 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 AND FLUTED KNEE WALL, SPECIAL CONSTRUCTION, ACCESS IS ASSUMED TO BE FROM THE FRONTAGE ROAD.
- FOR PARAPET RECONSTRUCTION, ACCESS IS ASSUMED TO BE FROM THE FRONTAGE ROAD.

**TYLIN** INTERNATIONAL

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	F.A.I. 94 (DAN RYAN EXPRESSWAY)	
		INDEX OF SHEETS, INDEX OF STATE STANDARDS, GENERAL NOTES AND CONTRACTOR ACCESS ASSUMPTIONS	
		SCALE: NONE	DRAWN BY: AMB,MAF
		DATE: JANUARY 16, 2009	CHECKED BY: TGB,MI

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PROJECT: KNEE WALLS ALONG LAFAYETTE AVENUE  
FROM 94TH STREET TO 88TH STREET  
COOK COUNTY/CITY OF CHICAGO

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	44	3
STA. 1216+84.45		TO STA. 1248+12.50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*(1516.1 & 1717 I-10)				62978

SUMMARY OF QUANTITIES URBAN

CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	100% STATE SFTY-4A
20101000	TEMPORARY FENCE	FOOT	63	63
20200100	EARTH EXCAVATION	CU YD	135	135
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	220	220
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	424	424
21101645	TOPSOIL FURNISH AND PLACE, 12"	SQ YD	198	198
21101825	COMPOST FURNISH AND PLACE, 6"	SQ YD	198	198
25000210	SEEDING, CLASS 2A	ACRE	0.25	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	14	14
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	14	14
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	14	14
25001800	SEEDING, CLASS 4 (MODIFIED)	ACRE	0.25	0.25
25100630	EROSION CONTROL BLANKET	SQ YD	622	622
25200200	SUPPLEMENTAL WATERING	UNIT	54	54
28000510	INLET FILTERS	EACH	7	7
42001300	PROTECTIVE COAT	SQ YD	289	289
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	44	44
44004250	PAVED SHOULDER REMOVAL	SQ YD	102	102
50102400	CONCRETE REMOVAL	CU YD	13	13
50200100	STRUCTURE EXCAVATION	CU YD	27	27
50300255	CONCRETE SUPERSTRUCTURE	CU YD	24	24
50300300	PROTECTIVE COAT	SQ YD	106	106
50300510	RUSTICATION FINISH	SQ FT	199	199
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	3220	3220
66410300	CHAIN LINK FENCE REMOVAL	FOOT	98	98
66410400	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	395	395
67100100	MOBILIZATION	L SUM	1	1
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1

SUMMARY OF QUANTITIES URBAN

CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	100% STATE SFTY-4A
70400100	TEMPORARY CONCRETE BARRIER	FOOT	420	420
X0326143	FLUTED KNEE WALL, SPECIAL	FOOT	143	143
X0321750	REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED	FOOT	40	40
X0324640	FLUTED KNEE WALL	FOOT	987	987
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	52	52
X2500322	SEEDING, CLASS 5A, (MODIFIED)	ACRE	0.25	0.25
X6065740	CONCRETE MEDIAN SURFACE, 5" (MODIFIED)	SQ FT	2511	2511
X6640210	TEMPORARY CHAIN LINK FENCE (PORTABLE)	FOOT	220	220
XX104800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V.12	FOOT	44.0	44.0
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

\* SPECIALTY ITEM

EARTHWORK SCHEDULE

ALIGNMENT	LOCATION		EARTH EXCAVATION (CU YD)	REM. & DISP. UNSUITABLE (CU YD)
	STATION	TO STATION		
SB I-94 (DAN RYAN EXPY)	1216+88.4	1218+91.5	30.0	25.0
SB I-94 (DAN RYAN EXPY)	1235+15.6	1236+26.7	20.0	40.0
SB I-94 (DAN RYAN EXPY)	1237+24.7	1238+08.9	10.0	30.0
SB I-94 (DAN RYAN EXPY)	1239+58.5	1248+02.4	75.0	125.0
		TOTAL =	135.0	220.0

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

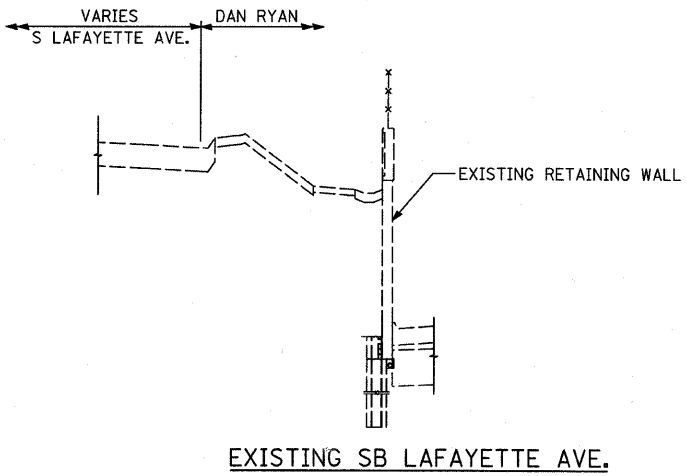
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)

SUMMARY OF QUANTITIES AND SCHEDULE OF QUANTITIES

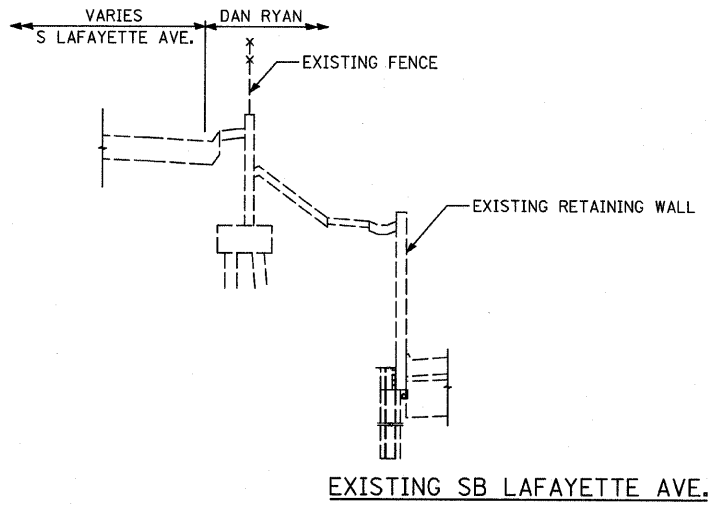
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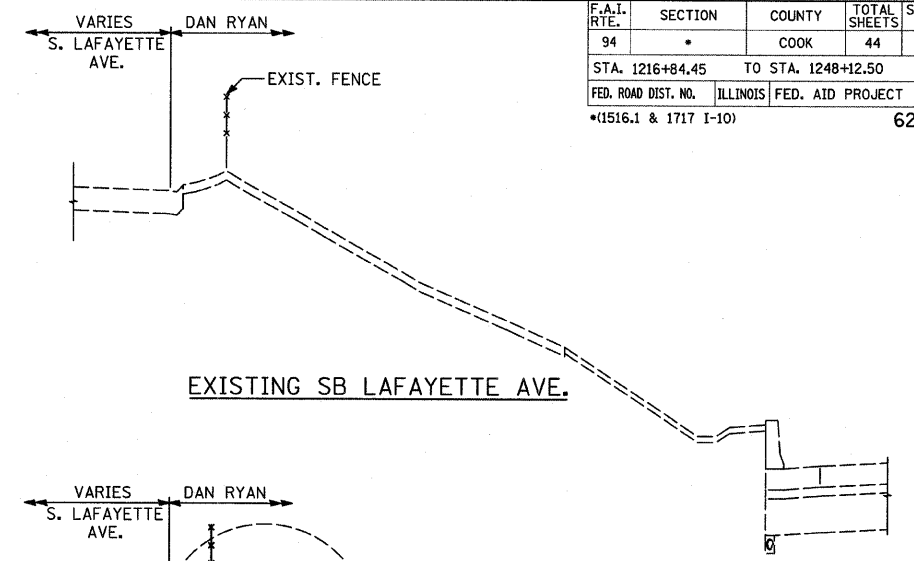
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	44	4
STA. 1216+84.45		TO STA. 1248+12.50		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*1516.1 & 1717 I-10		62978		



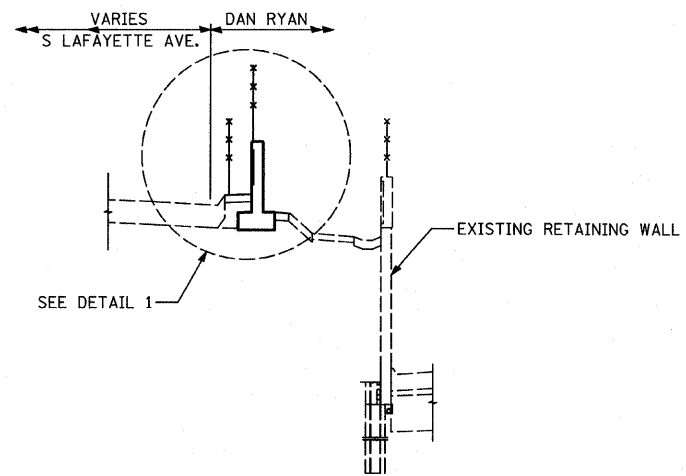
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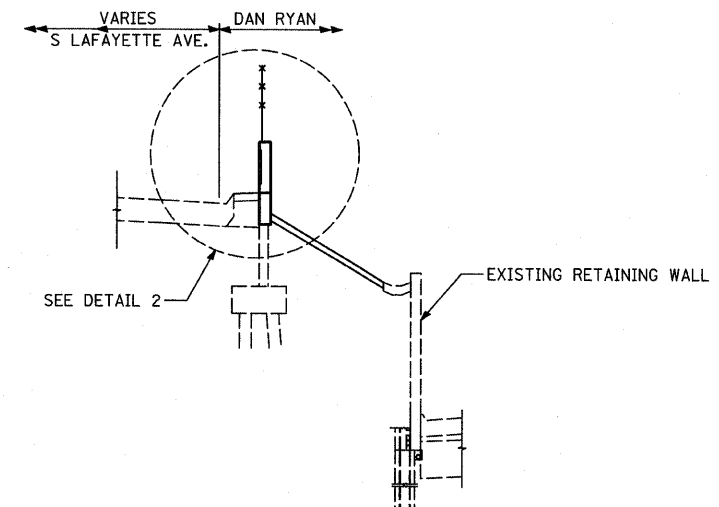
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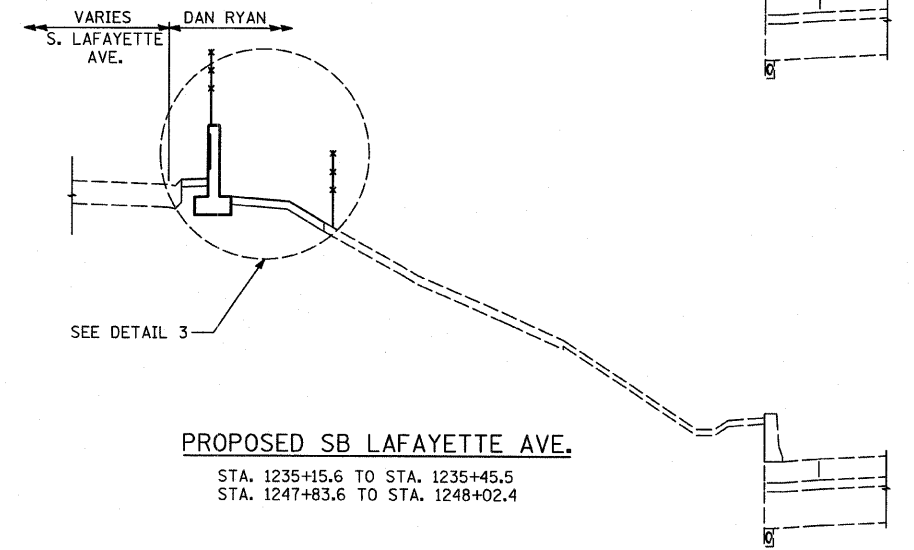
EXISTING SB LAFAYETTE AVE.



PROPOSED SB LAFAYETTE AVE.

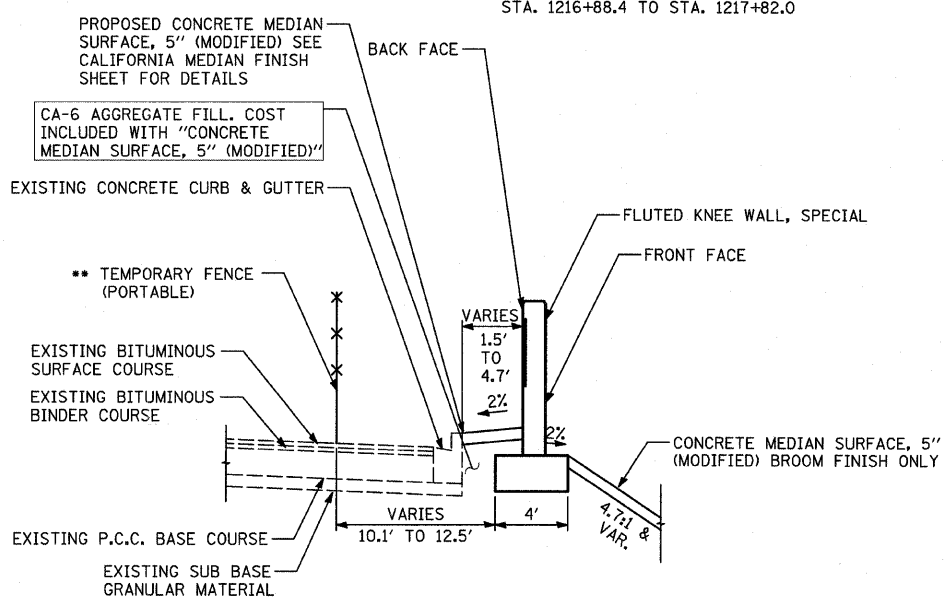


PROPOSED SB LAFAYETTE AVE.



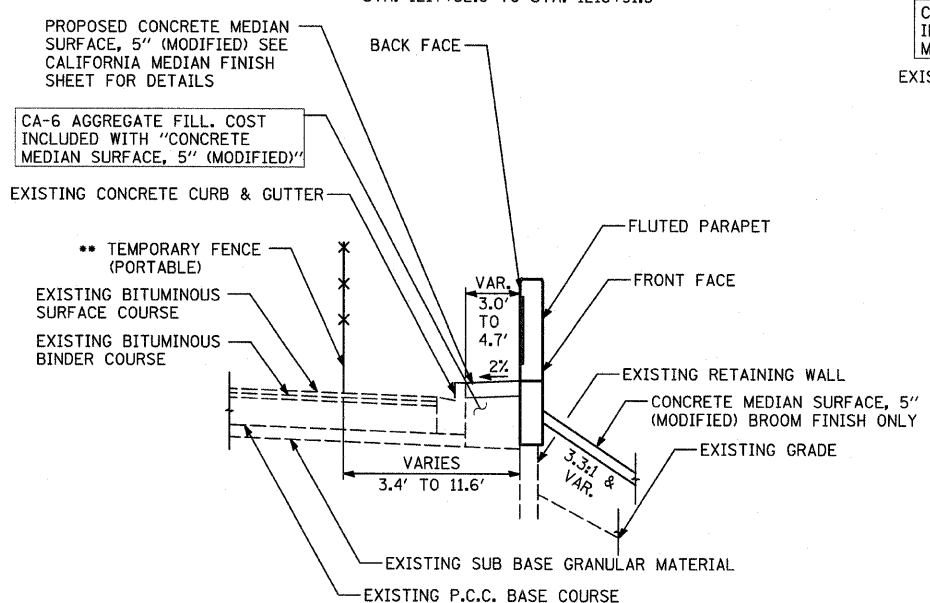
PROPOSED SB LAFAYETTE AVE.

STA. 1235+15.6 TO STA. 1235+45.5  
STA. 1247+83.6 TO STA. 1248+02.4



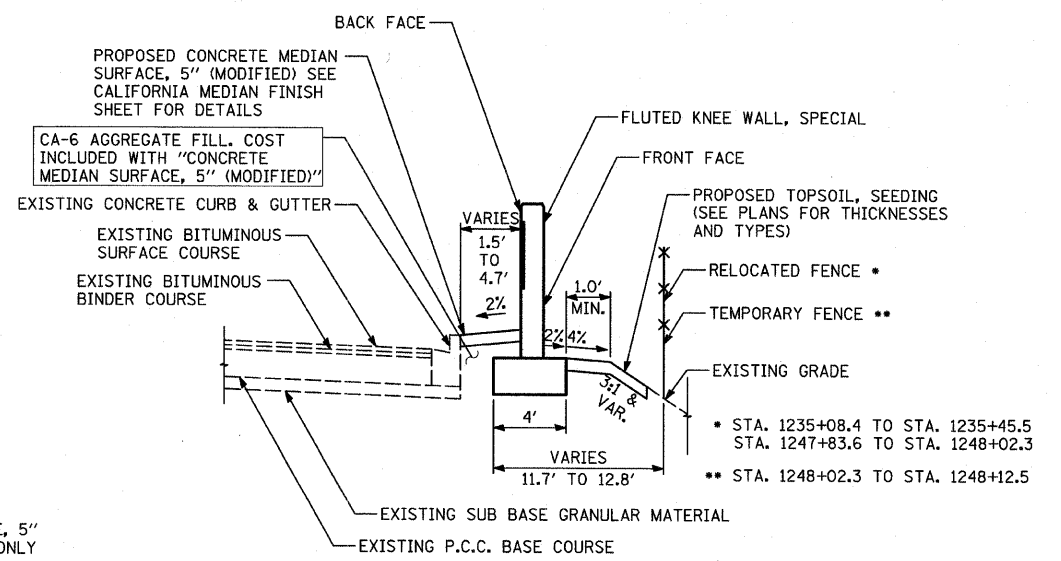
\*\* STA. 1216+84.4 TO STA. 1217+82.0

KNEE WALL DETAIL 1



\*\* STA. 1217+82.0 TO STA. 1218+91.5

KNEE WALL DETAIL 2



KNEE WALL DETAIL 3

\* STA. 1235+08.4 TO STA. 1235+45.5  
STA. 1247+83.6 TO STA. 1248+02.3  
\*\* STA. 1248+02.3 TO STA. 1248+12.5

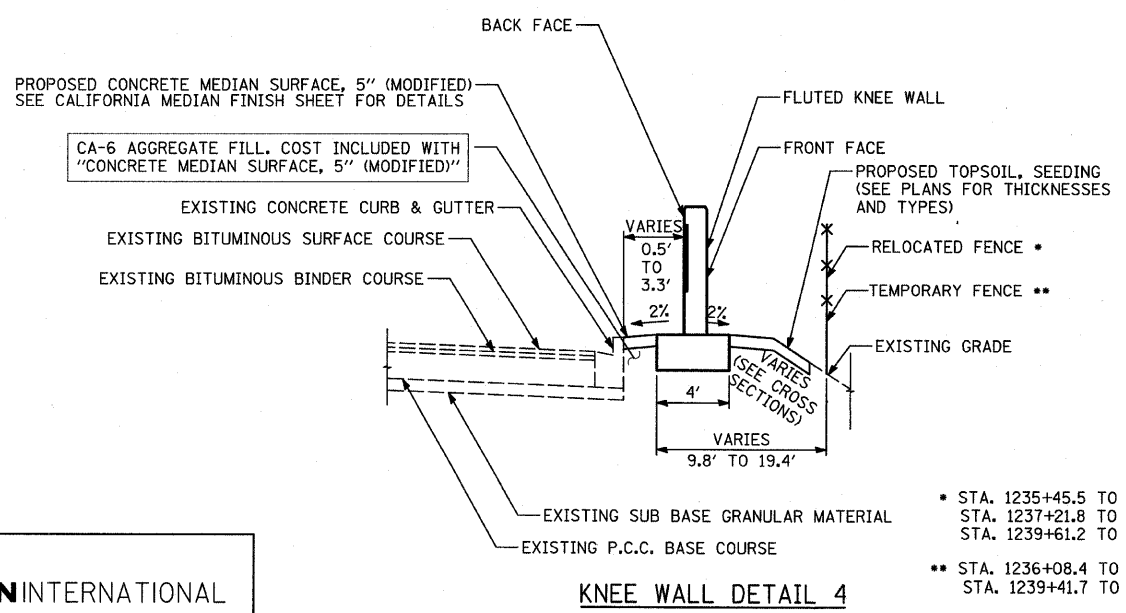
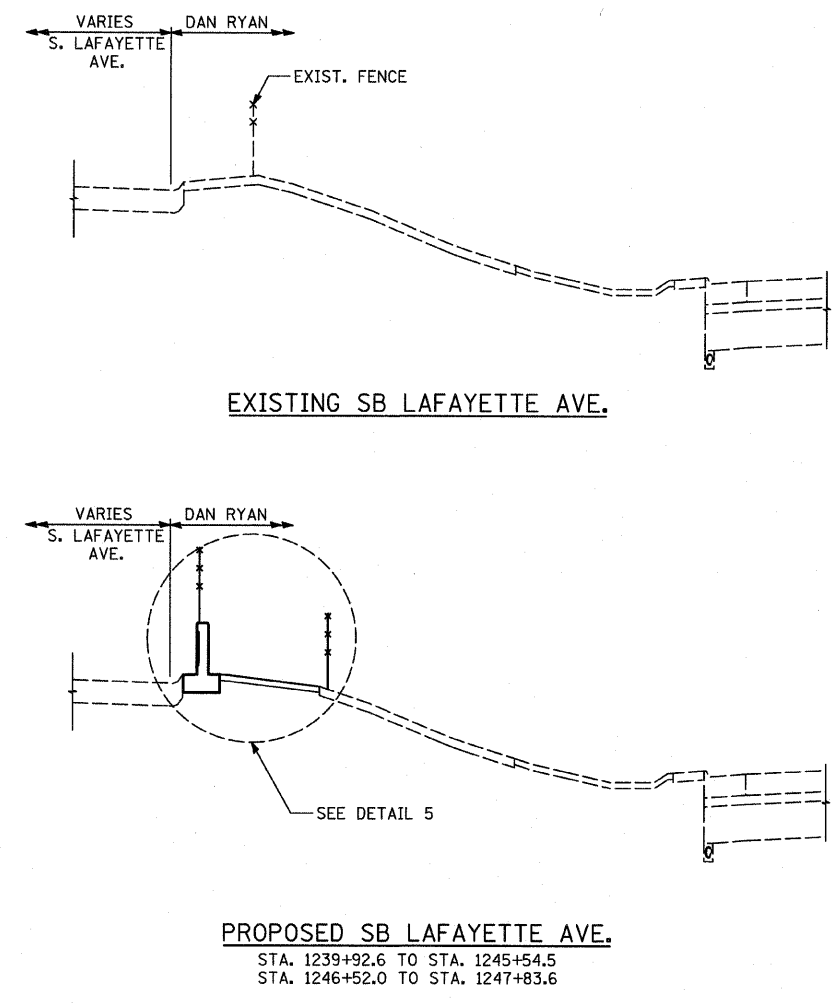
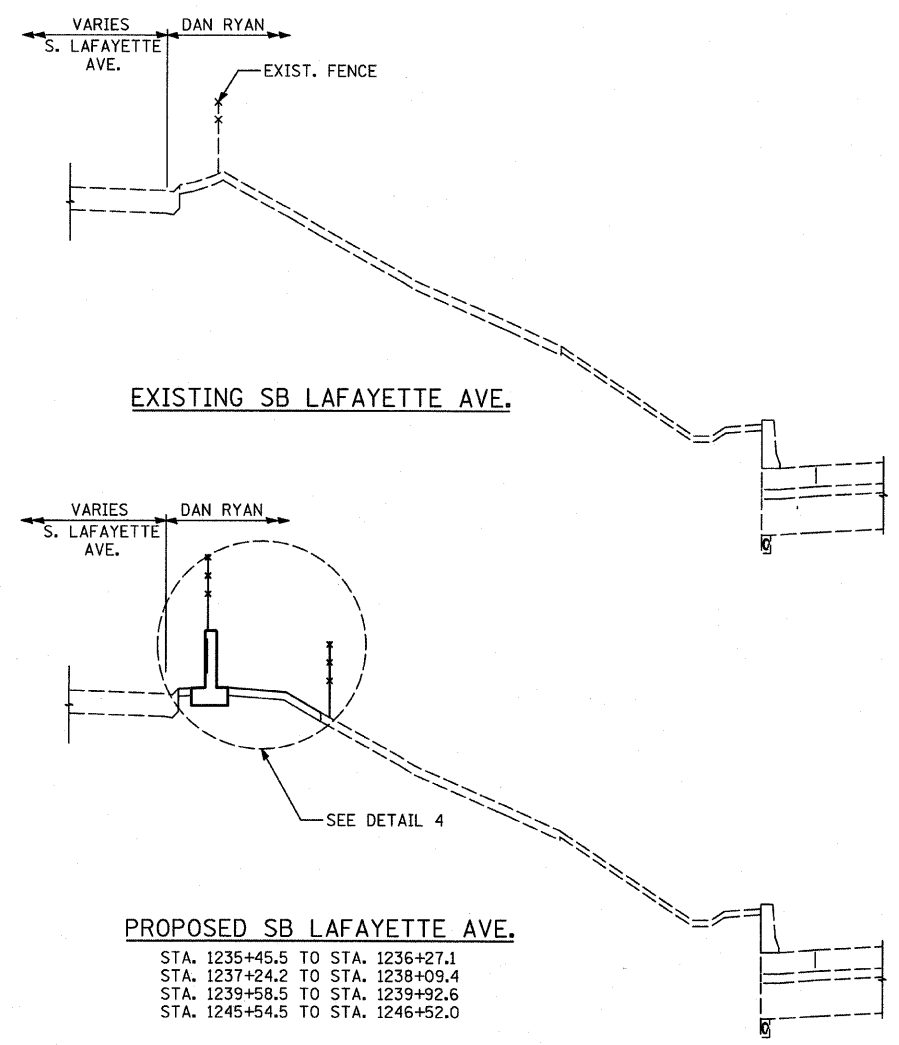
TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

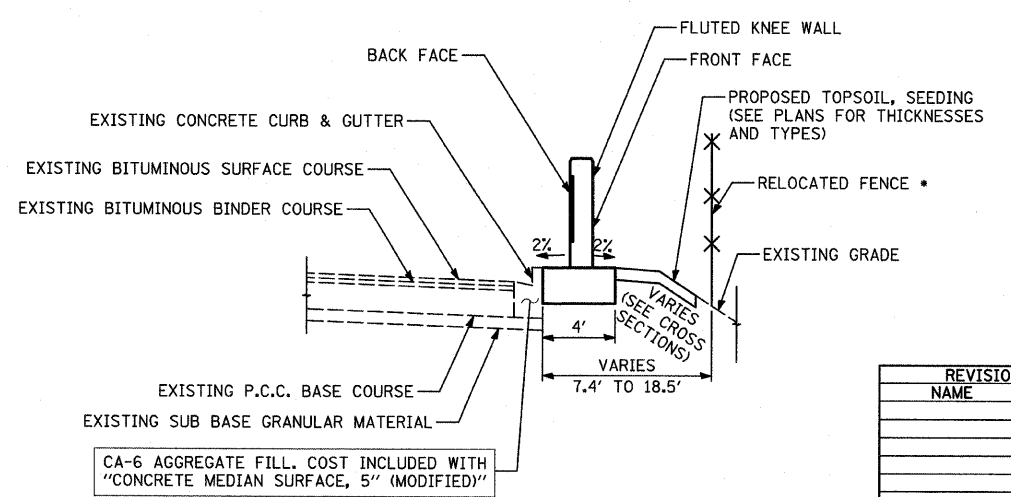
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**EXISTING AND PROPOSED TYPICAL SECTIONS  
SB LAFAYETTE AVE.  
SHEET 1 OF 2**  
SCALE: NONE  
DATE: JANUARY 16, 2009  
DRAWN BY: TB  
CHECKED BY: TGB, MI

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	44	5
STA. 1216+84.45 TO STA. 1248+12.50				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
*(1516.1 & 1717 I-10)		62978		



- STA. 1235+45.5 TO STA. 1236+08.4
- STA. 1237+21.8 TO STA. 1238+09.4
- STA. 1239+61.2 TO STA. 1239+92.6
- STA. 1236+08.4 TO STA. 1236+27.2
- STA. 1239+41.7 TO STA. 1239+61.2



- STA. 1239+92.6 TO STA. 1241+00.0
- STA. 1247+50.0 TO STA. 1247+83.6

**TYLIN** INTERNATIONAL

**KNEE WALL DETAIL 4**

**KNEE WALL DETAIL 5**

REVISIONS	
NAME	DATE

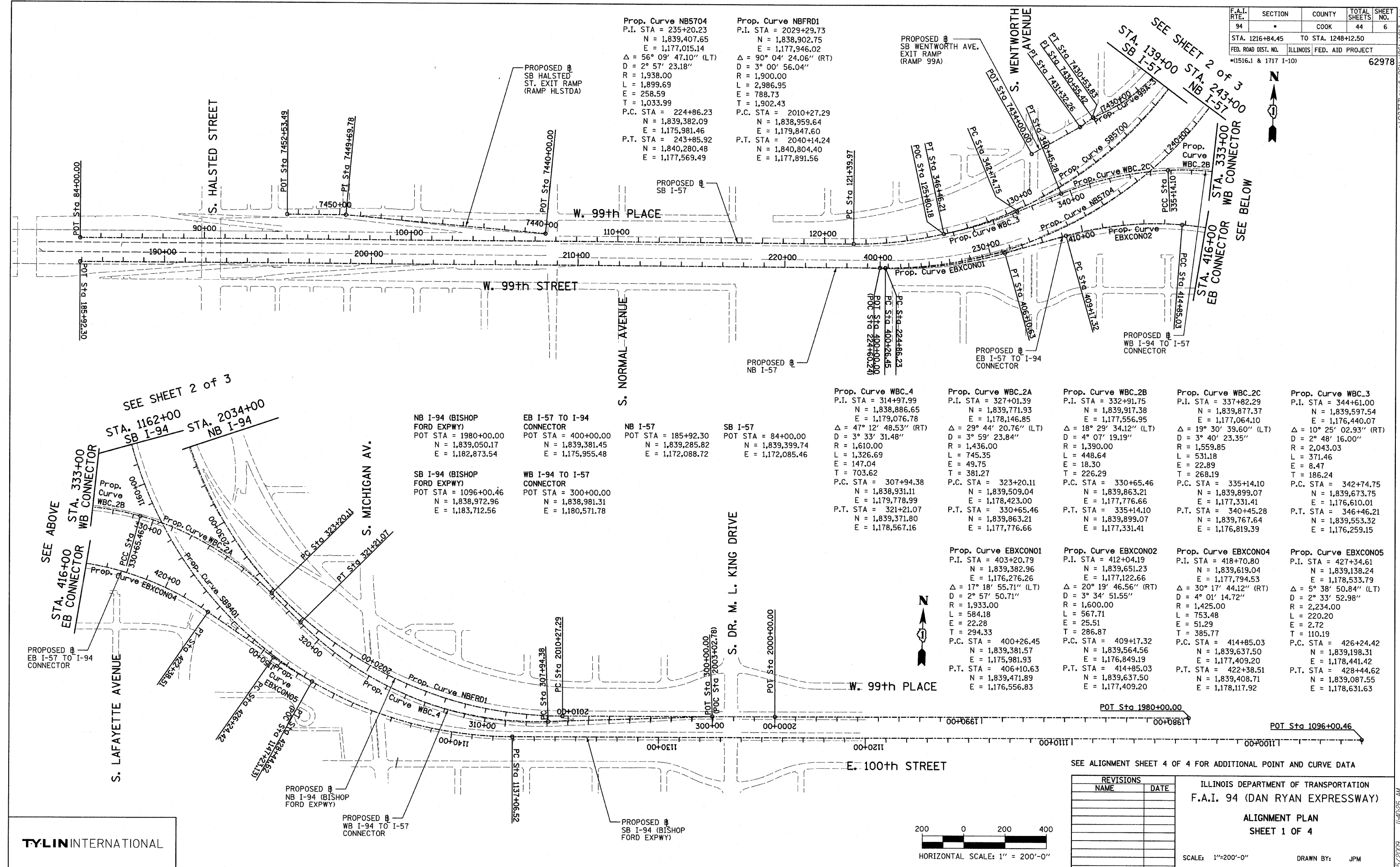
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**EXISTING AND PROPOSED TYPICAL SECTIONS**  
**SB LAFAYETTE AVE.**  
**SHEET 2 OF 2**

SCALE: NONE  
DATE: JANUARY 16, 2009

DRAWN BY: TB  
CHECKED BY: TGB, MI

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	44	6
STA. 1216+84.45		TO STA. 1248+12.50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(1516.1 & 1717 I-10)		62978		



Prop. Curve NB5704  
P.I. STA = 235+20.23  
N = 1,839,407.65  
E = 1,177,015.14  
Δ = 56° 09' 47.10" (LT)  
D = 2° 57' 23.18"  
R = 1,938.00  
L = 1,899.69  
E = 258.59  
T = 1,033.99  
P.C. STA = 224+86.23  
N = 1,839,382.09  
E = 1,175,981.46  
P.T. STA = 243+85.92  
N = 1,840,280.48  
E = 1,177,569.49

Prop. Curve NBFRD1  
P.I. STA = 2029+29.73  
N = 1,838,902.75  
E = 1,177,946.02  
Δ = 90° 04' 24.06" (RT)  
D = 3° 00' 56.04"  
R = 1,900.00  
L = 2,986.95  
E = 788.73  
T = 1,902.43  
P.C. STA = 2010+27.29  
N = 1,838,959.64  
E = 1,179,847.60  
P.T. STA = 2040+14.24  
N = 1,840,804.40  
E = 1,177,891.56

NB I-94 (BISHOP FORD EXPWY)  
POT STA = 1980+00.00  
N = 1,839,050.17  
E = 1,182,873.54

EB I-57 TO I-94 CONNECTOR  
POT STA = 400+00.00  
N = 1,839,381.45  
E = 1,175,955.48

NB I-57  
POT STA = 185+92.30  
N = 1,839,285.82  
E = 1,172,088.72

SB I-57  
POT STA = 84+00.00  
N = 1,839,399.74  
E = 1,172,085.46

SB I-94 (BISHOP FORD EXPWY)  
POT STA = 1096+00.46  
N = 1,838,972.96  
E = 1,183,712.56

WB I-94 TO I-57 CONNECTOR  
POT STA = 300+00.00  
N = 1,838,981.31  
E = 1,180,571.78

Prop. Curve WBC\_4  
P.I. STA = 314+97.99  
N = 1,838,886.65  
E = 1,179,076.78  
Δ = 47° 12' 48.53" (RT)  
D = 3° 33' 31.48"  
R = 1,610.00  
L = 1,326.69  
E = 147.04  
T = 703.62  
P.C. STA = 307+94.38  
N = 1,838,931.11  
E = 1,179,778.99  
P.T. STA = 321+21.07  
N = 1,839,371.80  
E = 1,178,567.16

Prop. Curve WBC\_2A  
P.I. STA = 327+01.39  
N = 1,839,771.93  
E = 1,178,146.85  
Δ = 29° 44' 20.76" (LT)  
D = 3° 59' 23.84"  
R = 1,436.00  
L = 745.35  
E = 49.75  
T = 381.27  
P.C. STA = 323+20.11  
N = 1,839,509.04  
E = 1,178,423.00  
P.T. STA = 330+65.46  
N = 1,839,863.21  
E = 1,177,776.66

Prop. Curve WBC\_2B  
P.I. STA = 332+91.75  
N = 1,839,917.38  
E = 1,177,556.95  
Δ = 18° 29' 34.12" (LT)  
D = 4° 07' 19.19"  
R = 1,390.00  
L = 448.64  
E = 18.30  
T = 226.29  
P.C. STA = 330+65.46  
N = 1,839,863.21  
E = 1,177,776.66  
P.T. STA = 335+14.10  
N = 1,839,899.07  
E = 1,177,331.41

Prop. Curve WBC\_2C  
P.I. STA = 337+82.29  
N = 1,839,877.37  
E = 1,177,064.40  
Δ = 19° 30' 39.60" (LT)  
D = 3° 40' 23.35"  
R = 1,559.85  
L = 531.18  
E = 22.89  
T = 268.19  
P.C. STA = 335+14.10  
N = 1,839,899.07  
E = 1,177,331.41  
P.T. STA = 340+45.28  
N = 1,839,767.64  
E = 1,176,819.39

Prop. Curve WBC\_3  
P.I. STA = 344+61.00  
N = 1,839,597.54  
E = 1,176,440.07  
Δ = 10° 25' 02.93" (RT)  
D = 2° 48' 16.00"  
R = 2,043.03  
L = 371.46  
E = 8.47  
T = 186.24  
P.C. STA = 342+74.75  
N = 1,839,673.75  
E = 1,176,610.01  
P.T. STA = 346+46.21  
N = 1,839,553.32  
E = 1,176,259.15

Prop. Curve EBXC0N01  
P.I. STA = 403+20.79  
N = 1,839,382.96  
E = 1,176,276.26  
Δ = 17° 18' 55.71" (LT)  
D = 2° 57' 50.71"  
R = 1,933.00  
L = 584.18  
E = 22.28  
T = 294.33  
P.C. STA = 400+26.45  
N = 1,839,381.57  
E = 1,175,981.93  
P.T. STA = 406+10.63  
N = 1,839,471.89  
E = 1,176,556.83

Prop. Curve EBXC0N02  
P.I. STA = 412+04.19  
N = 1,839,651.23  
E = 1,177,122.66  
Δ = 20° 19' 46.56" (RT)  
D = 3° 34' 51.55"  
R = 1,600.00  
L = 753.48  
E = 25.51  
T = 385.77  
P.C. STA = 409+17.32  
N = 1,839,564.56  
E = 1,176,849.19  
P.T. STA = 414+85.03  
N = 1,839,637.50  
E = 1,178,409.20

Prop. Curve EBXC0N04  
P.I. STA = 418+70.80  
N = 1,839,619.04  
E = 1,177,794.53  
Δ = 30° 17' 44.12" (RT)  
D = 4° 01' 14.72"  
R = 1,425.00  
L = 753.48  
E = 51.29  
T = 385.77  
P.C. STA = 414+85.03  
N = 1,839,637.50  
E = 1,177,409.20  
P.T. STA = 422+38.51  
N = 1,839,408.71  
E = 1,178,117.92

Prop. Curve EBXC0N05  
P.I. STA = 427+34.61  
N = 1,839,138.24  
E = 1,178,533.79  
Δ = 5° 38' 50.84" (LT)  
D = 2° 33' 52.98"  
R = 2,234.00  
L = 220.20  
E = 2.72  
T = 110.19  
P.C. STA = 426+24.42  
N = 1,839,198.31  
E = 1,178,441.42  
P.T. STA = 428+44.62  
N = 1,839,087.55  
E = 1,178,631.63

SEE SHEET 2 of 3  
STA. 1162+00  
SB I-94  
STA. 2034+00  
NB I-94

SEE ABOVE  
STA. 333+00  
WB CONNECTOR  
STA. 416+00  
EB CONNECTOR

SEE BELOW  
STA. 333+00  
WB CONNECTOR  
STA. 416+00  
EB CONNECTOR

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

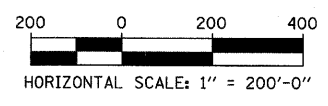
REVISIONS	
NAME	DATE

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

ALIGNMENT PLAN  
SHEET 1 OF 4

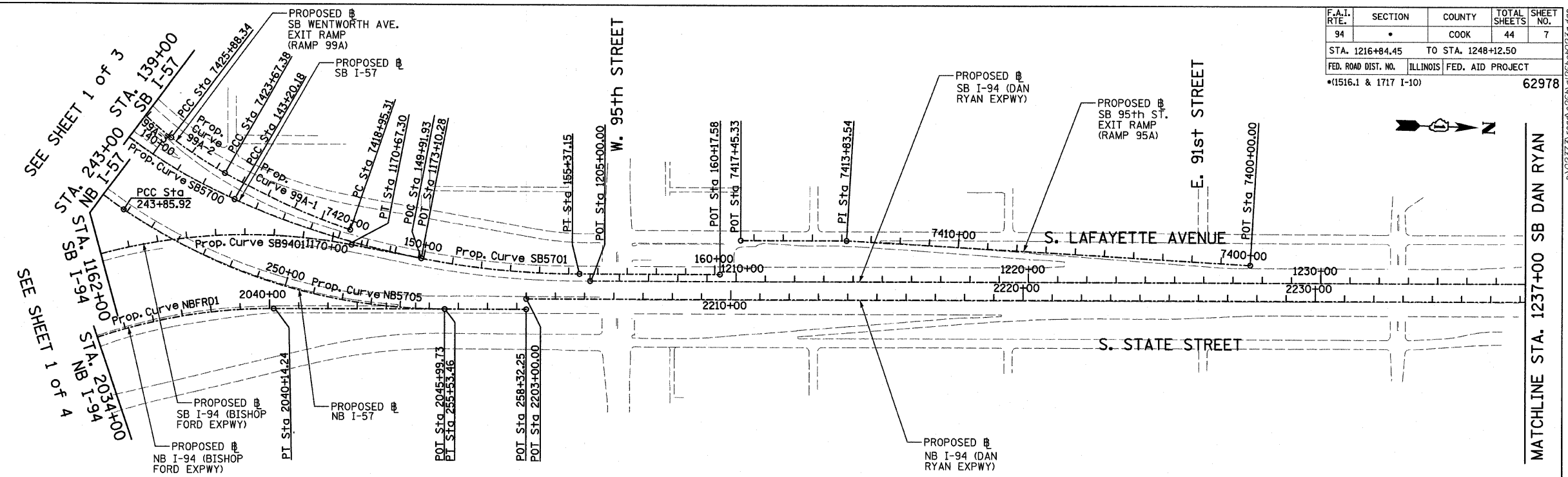
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DATE: JANUARY 16, 2009

DRAWN BY: JPM  
CHECKED BY: DAK

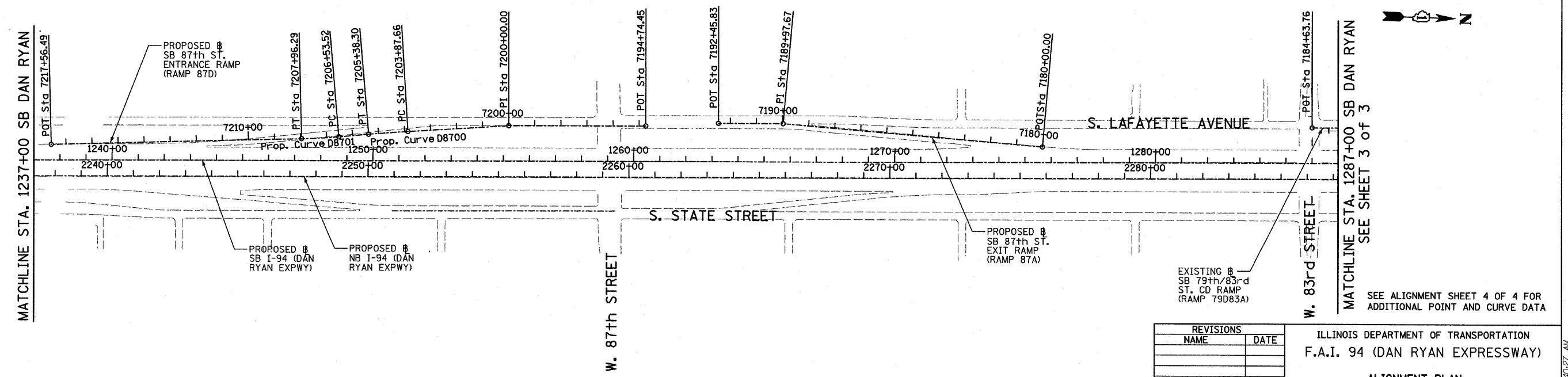


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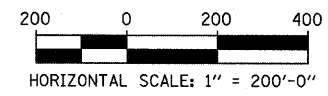
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	44	7
STA. 1216+84.45 TO STA. 1248+12.50				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*(1516.1 & 1717 I-10)		62978		



<b>Prop. Curve SB5700</b> P.I. STA = 133+70.06 N = 1,839,521.70 E = 1,177,054.03 $\Delta = 66^\circ 11' 55.15''$ (LT) D = $3^\circ 02' 10.83''$ 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	<b>Prop. Curve SB5701</b> P.I. STA = 149+37.75 N = 1,841,230.00 E = 1,177,757.97 $\Delta = 24^\circ 02' 07.49''$ (LT) D = $1^\circ 58' 30.13''$ 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	<b>Prop. Curve NB5705</b> P.I. STA = 249+87.51 N = 1,840,788.31 E = 1,177,892.02 $\Delta = 34^\circ 03' 37.98''$ (LT) D = $2^\circ 55' 02.28''$ 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	<b>Prop. Curve SB9401</b> P.I. STA = 1160+15.97 N = 1,838,783.95 E = 1,177,299.83 $\Delta = 100^\circ 48' 58.07''$ (RT) D = $2^\circ 59' 59.20''$ 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	<b>SB I-94 (DAN RYAN EXPWY)</b> POT STA = 1205+00.00 N = 1,841,884.04 E = 1,177,763.25	<b>SB I-57</b> POT STA = 160+17.58 N = 1,842,327.55 E = 1,177,726.54	<b>SB I-94 (BISHOP FORD EXPWY)</b> POT STA = 1173+10.28 N = 1,841,304.06 E = 1,177,704.74	<b>NB I-57</b> POT STA = 258+32.25 N = 1,841,668.33 E = 1,177,866.82	<b>NB I-94 (BISHOP FORD EXPWY)</b> POT STA = 2045+99.73 N = 1,841,389.65 E = 1,177,874.80	<b>NB I-94 (DAN RYAN EXPWY)</b> POT STA = 2203+00.00 N = 1,841,667.31 E = 1,177,830.83
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REVISIONS	
NAME	DATE

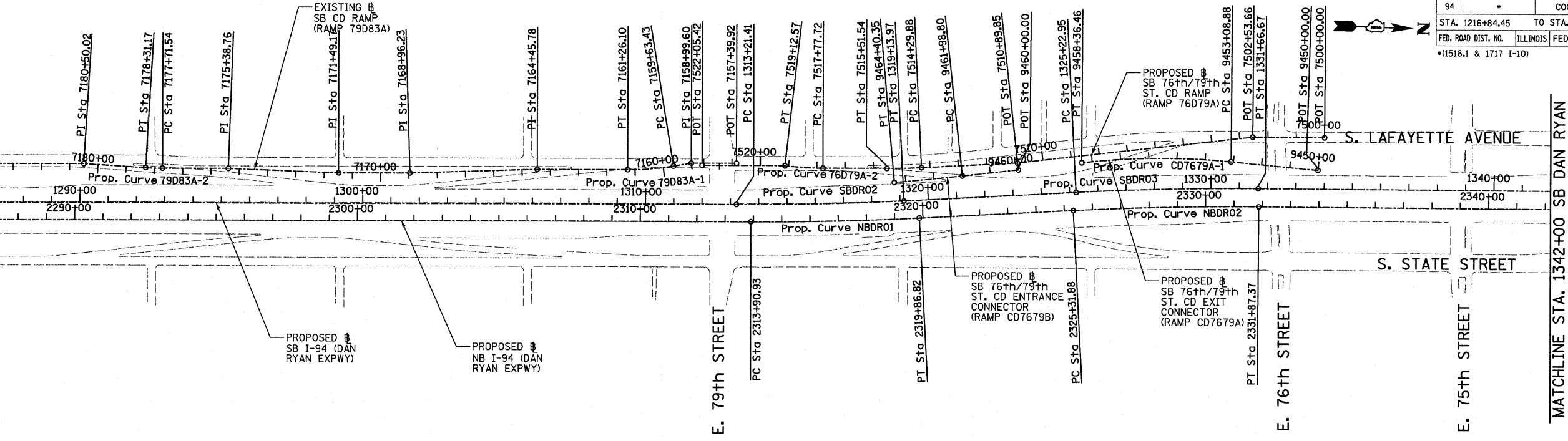
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**ALIGNMENT PLAN**  
 SHEET 2 OF 4  
 SCALE: 1"=200'  
 DATE: JANUARY 16, 2009  
 DRAWN BY: JPM  
 CHECKED BY: DAK

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F.A.I. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	44	8
STA. 1216+84.45		TO STA. 1248+12.50		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*1516.1 & 1717 I-10		62978		

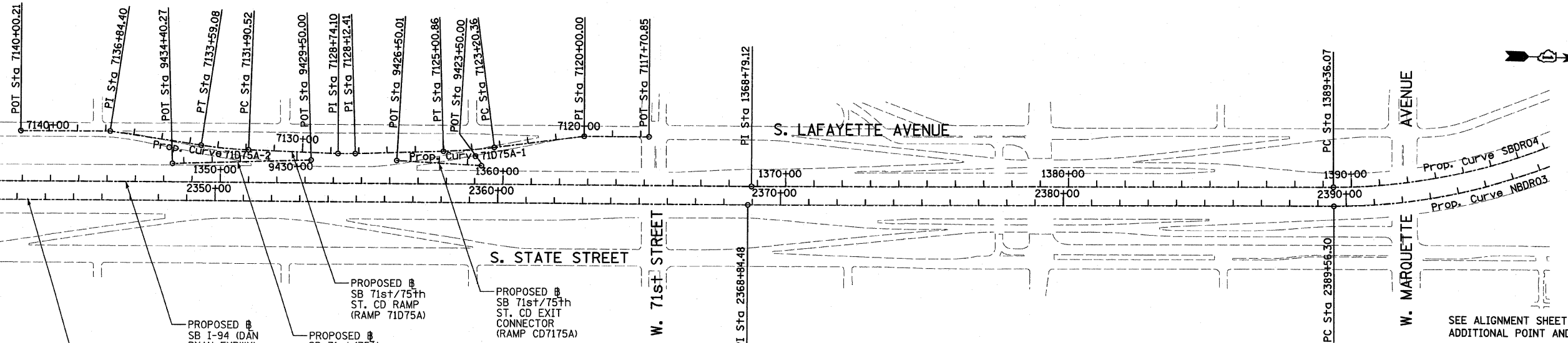
SEE SHEET 2 of 3

MATCHLINE STA. 1287+00 SB DAN RYAN



<b>Prop. Curve NBDR01</b> P.I. STA = 2316+88.94 N = 1,853,051.58 E = 1,177,504.84 $\Delta = 2^\circ 58' 38.60''$ (LT) D = $0^\circ 29' 58.77''$ 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	<b>Prop. Curve NBDR02</b> P.I. STA = 2328+59.71 N = 1,854,218.69 E = 1,177,410.58 $\Delta = 3^\circ 16' 48.34''$ (RT) D = $0^\circ 30' 01.44''$ 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	<b>Prop. Curve NBDR03</b> P.I. STA = 2398+13.58 N = 1,861,170.38 E = 1,177,231.19 $\Delta = 44^\circ 36' 17.12''$ (LT) D = $2^\circ 44' 29.13''$ 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	<b>Prop. Curve SBDRO2</b> P.I. STA = 1316+17.76 N = 1,852,997.25 E = 1,177,445.02 $\Delta = 2^\circ 58' 38.60''$ (LT) D = $0^\circ 30' 08.86''$ 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	<b>Prop. Curve SBDRO3</b> P.I. STA = 1328+44.90 N = 1,854,220.54 E = 1,177,346.22 $\Delta = 3^\circ 16' 11.04''$ (RT) D = $0^\circ 30' 28.59''$ 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	<b>Prop. Curve SBDRO4</b> P.I. STA = 1397+75.78 N = 1,861,149.16 E = 1,177,163.97 $\Delta = 44^\circ 32' 58.56''$ (LT) D = $2^\circ 47' 41.70''$ 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	<b>NB I-94 (DAN RYAN EXPRESSWAY)</b> P.I. STA = 2368+84.48 N = 1,858,242.53 E = 1,177,316.62  <b>SB I-94 (DAN RYAN EXPRESSWAY)</b> P.I. STA = 1368+79.12 N = 1,858,253.81 E = 1,177,251.32
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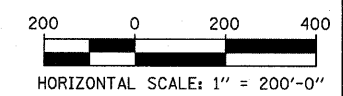
MATCHLINE STA. 1342+00 SB DAN RYAN



PROPOSED # NB I-94 (DAN RYAN EXPWY)  
 PROPOSED # SB I-94 (DAN RYAN EXPWY)  
 PROPOSED # SB 71st/75th ST. CD ENTRANCE CONNECTOR (RAMP CD7175A)  
 PROPOSED # SB 71st/75th ST. CD RAMP (RAMP 71D75A)  
 PROPOSED # SB 71st/75th ST. CD EXIT CONNECTOR (RAMP CD7175A)

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

TYLIN INTERNATIONAL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 ALIGNMENT PLAN  
 SHEET 3 OF 4  
 SCALE: 1"=200'  
 DATE: JANUARY 16, 2009  
 DRAWN BY: JPM  
 CHECKED BY: DAK

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	44	9
STA. 1216+84.45		TO STA. 1248+12.50		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*1516.1 & 1717 I-10		62978		

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 = 1,177,306.25  
 $\Delta = 2^\circ 48' 22.72''$  (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  
(CDT679A)  
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  
(CDT679B)  
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  
POT STA = 9434+40.27  
N = 1,856,204.7281  
E = 1,177,233.1786

TYLIN INTERNATIONAL

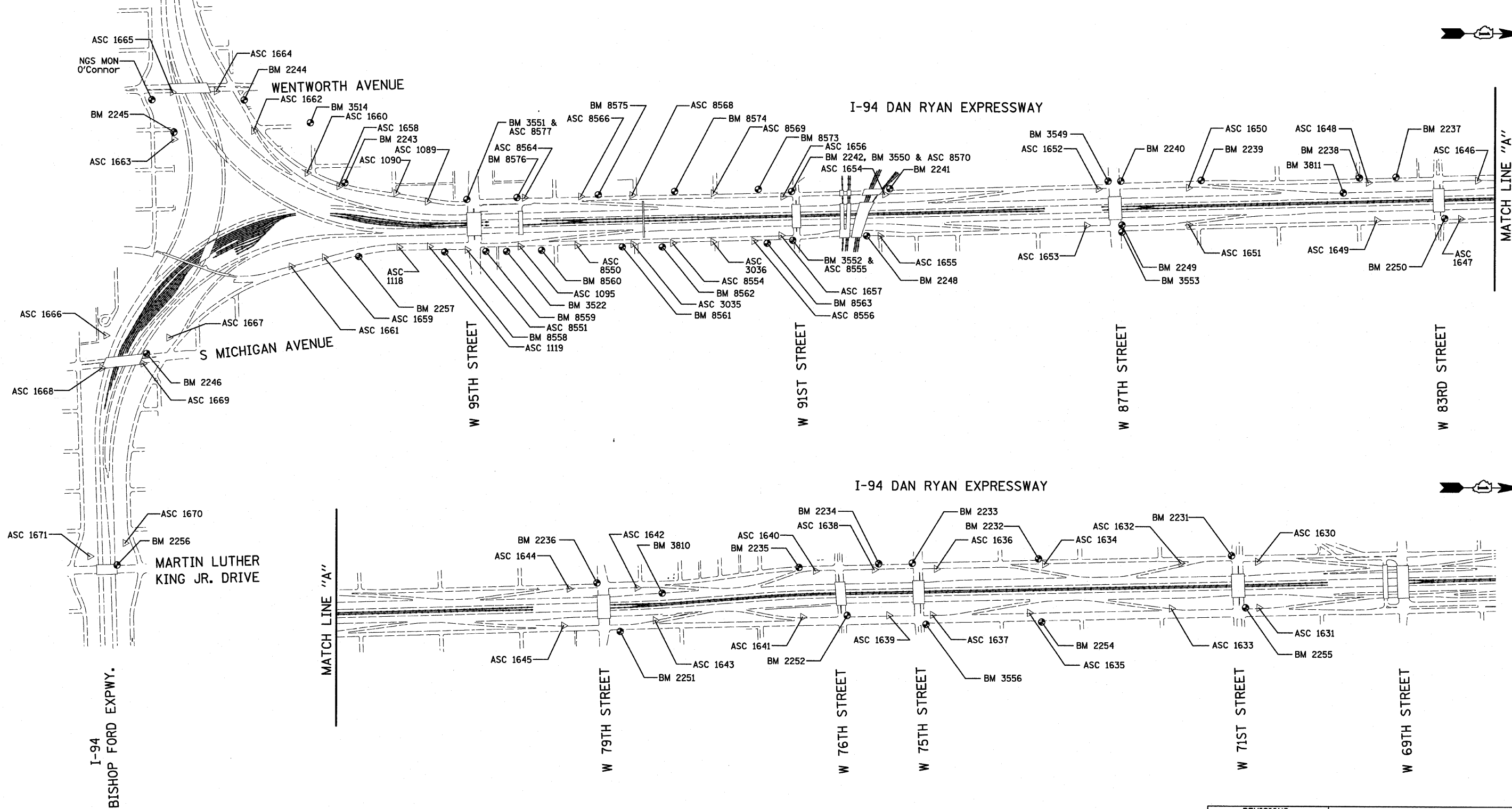
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
  
ALIGNMENT PLAN  
SHEET 4 OF 4  
  
SCALE: NO SCALE DRAWN BY: JPA  
DATE: JANUARY 16, 2009 CHECKED BY: JPM

11:49:28 AM 1/15/2009

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	44	10
STA. 1216+84.45		TO STA. 1248+12.50		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*1516.1 & 1717 I-10		62978		

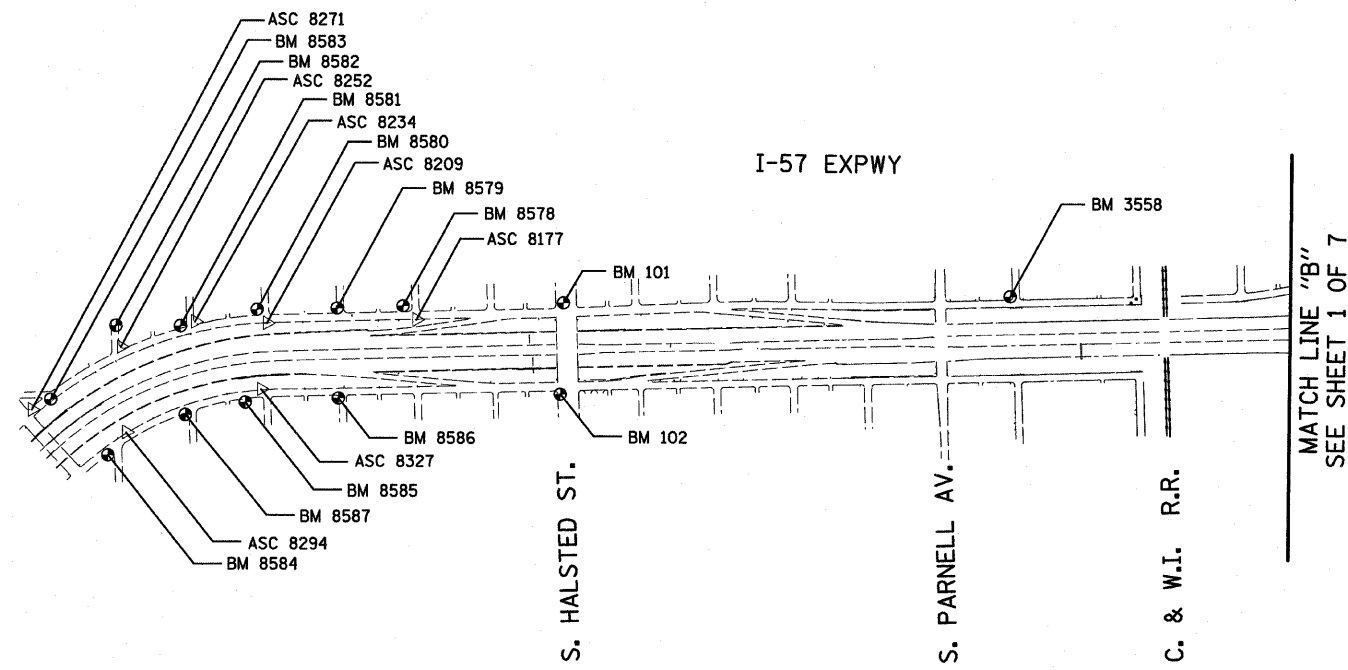
I-57 EXPWY  
SEE SHEET 2 OF 7  
MATCH LINE "B"



REVISIONS	
NAME	DATE

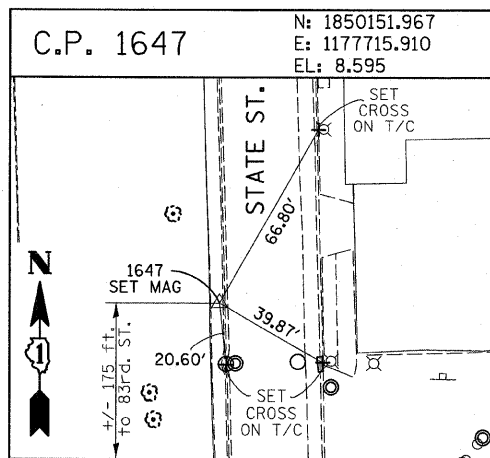
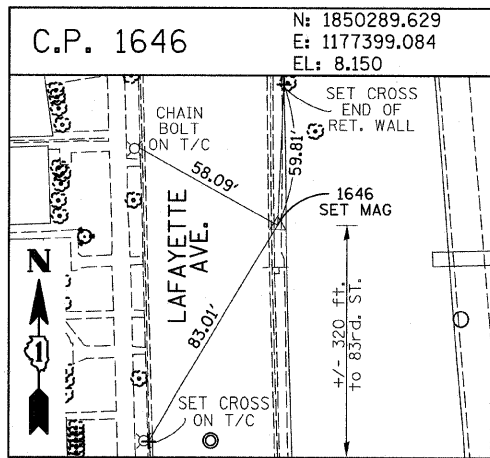
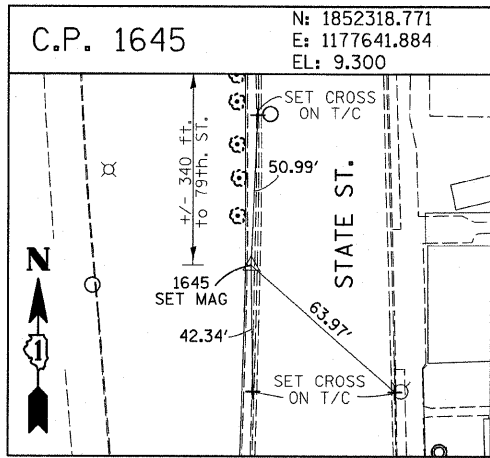
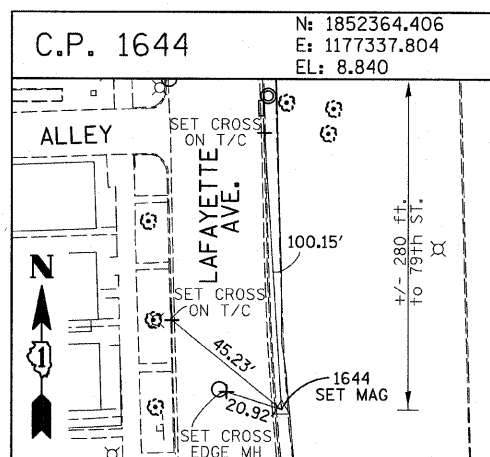
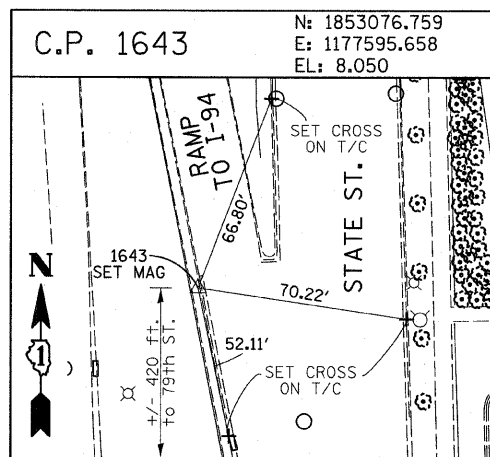
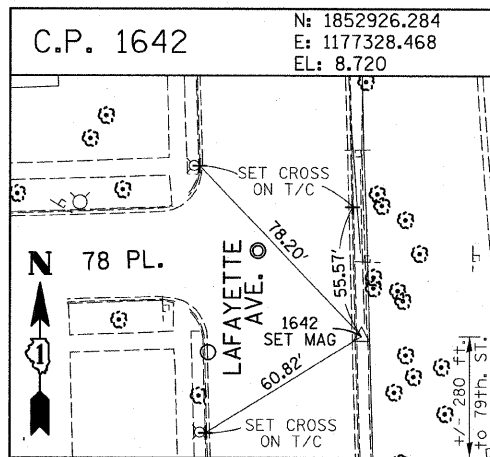
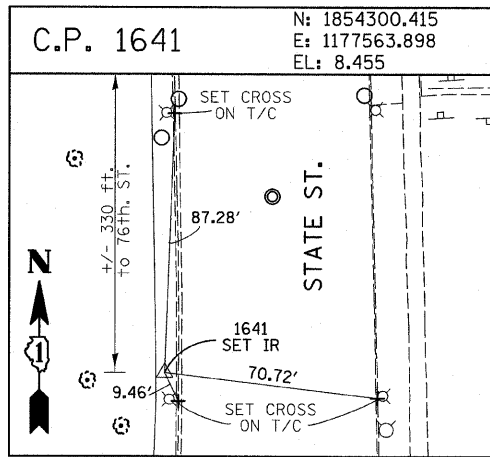
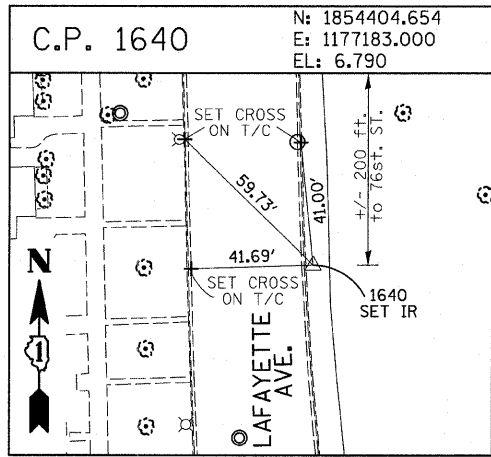
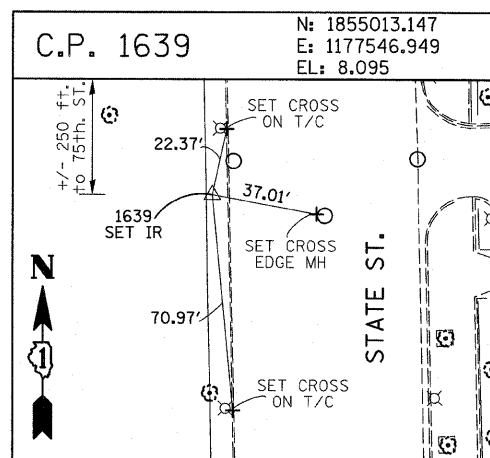
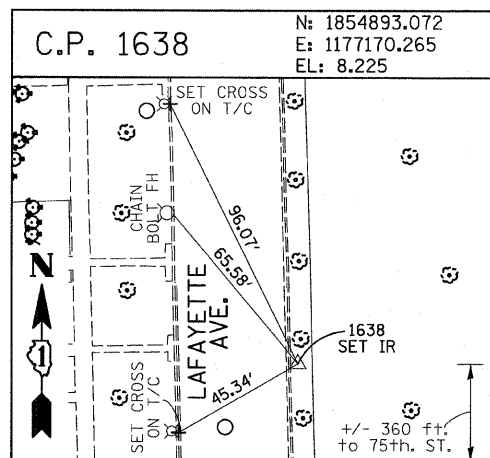
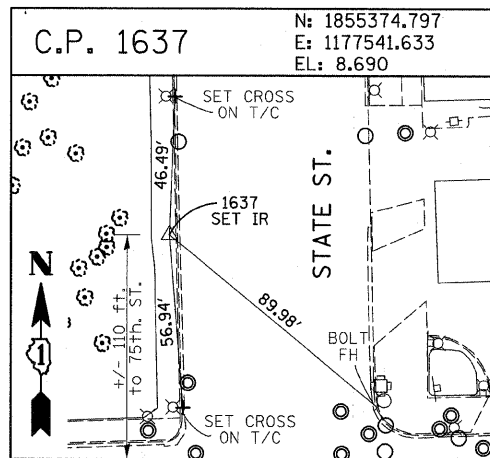
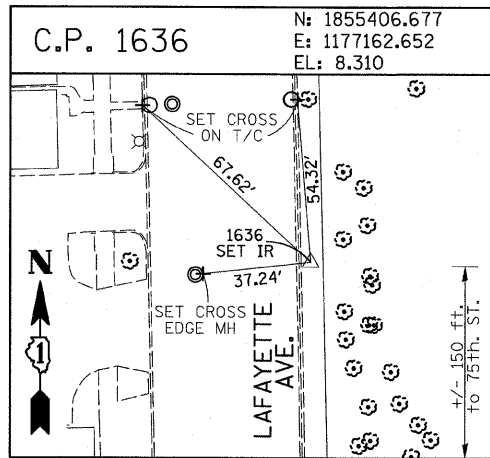
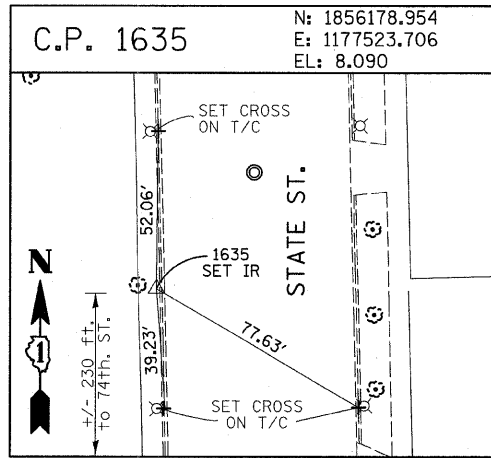
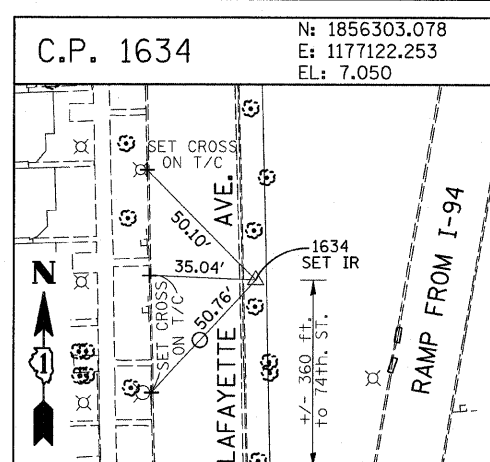
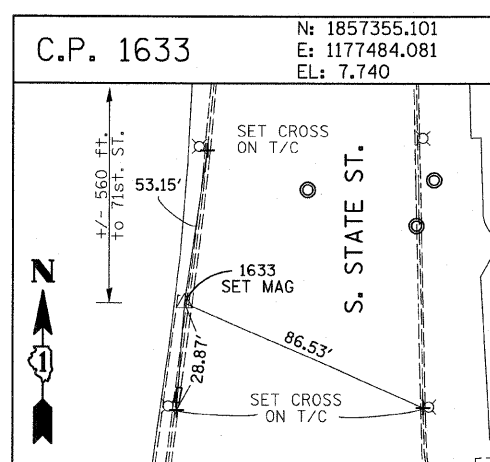
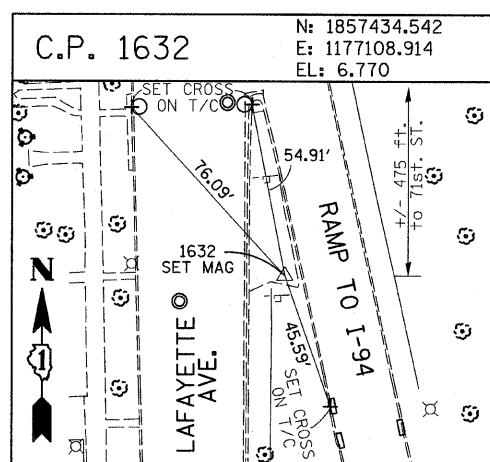
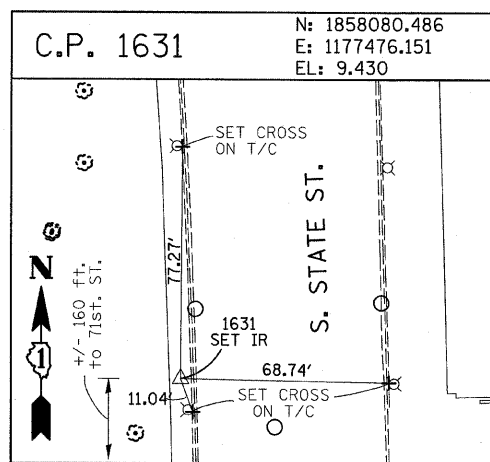
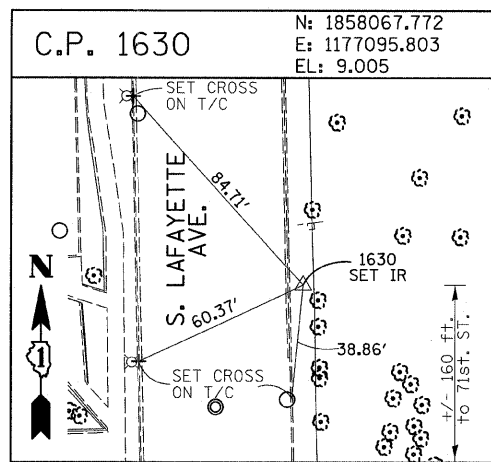
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
SURVEY TIES FOR CONTROL POINTS  
SHEET 1 OF 7  
SCALE: 1"=400'  
DATE: JANUARY 16, 2009  
DRAWN BY: GSP  
CHECKED BY: MMW

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	44	11
STA. 1216+84.45 TO STA. 1248+12.50				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*(1516.1 & 1717 I-10)			62978	



REVISIONS	
NAME	DATE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	44	12
STA. 1216+84.45		TO STA. 1248+12.50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*1516.1 & 1717 I-10)		62978		



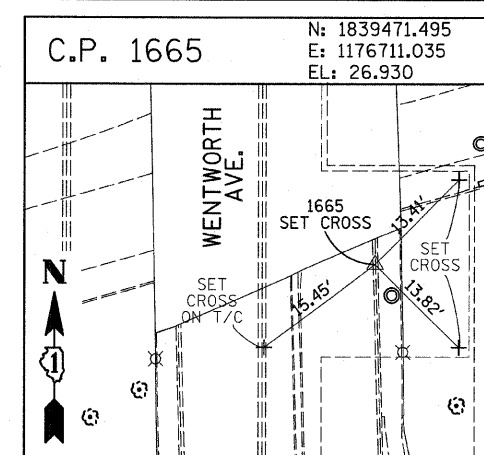
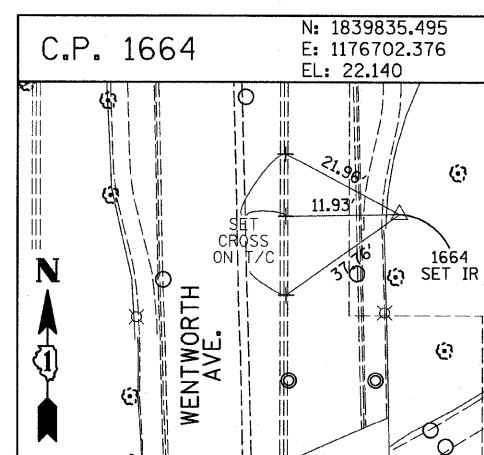
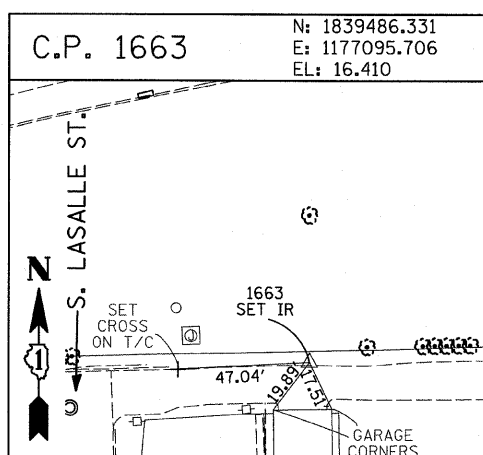
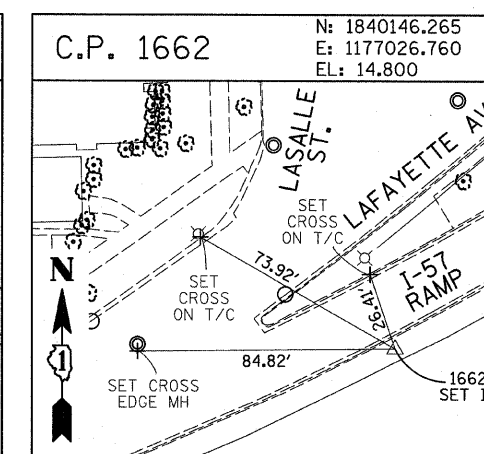
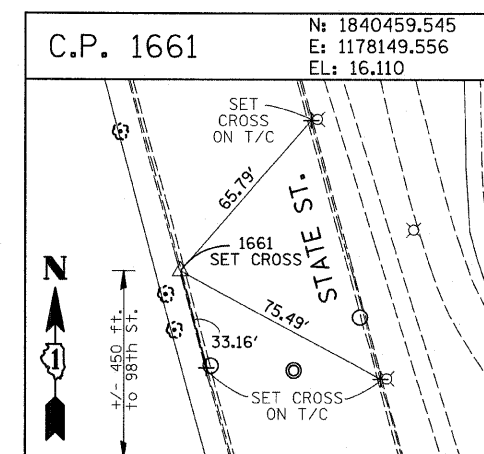
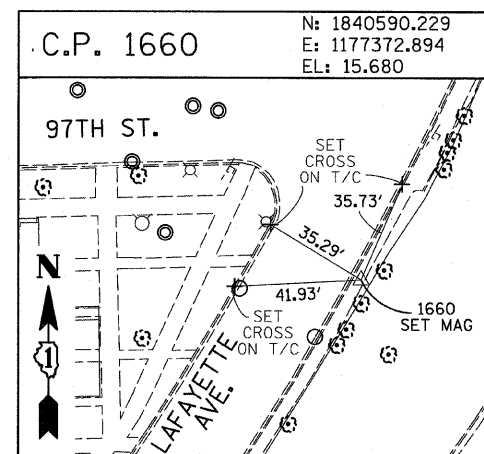
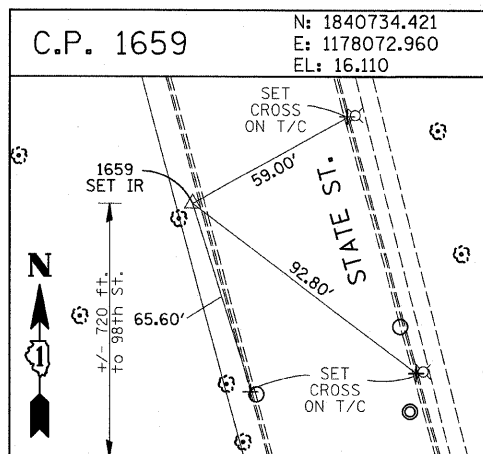
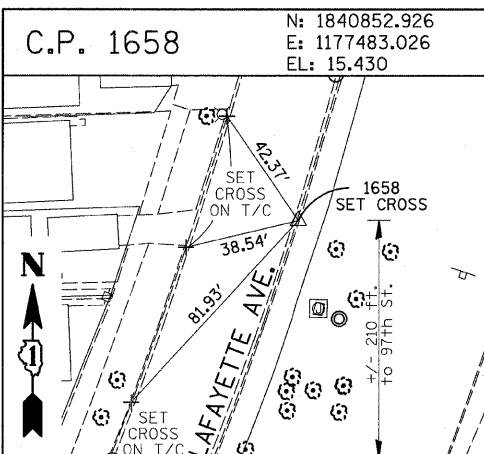
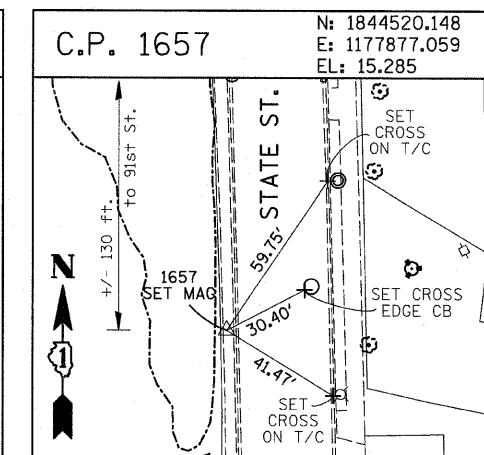
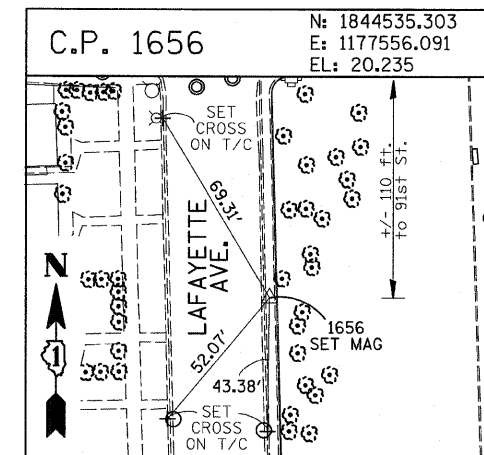
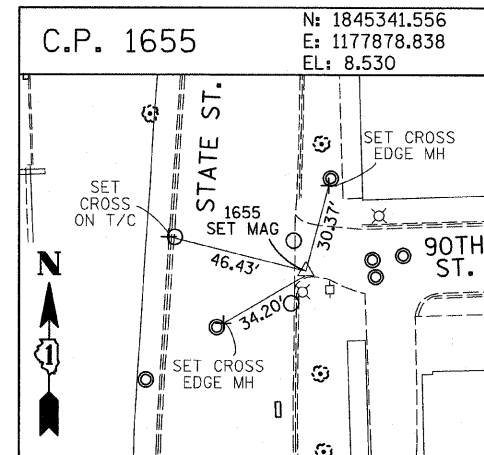
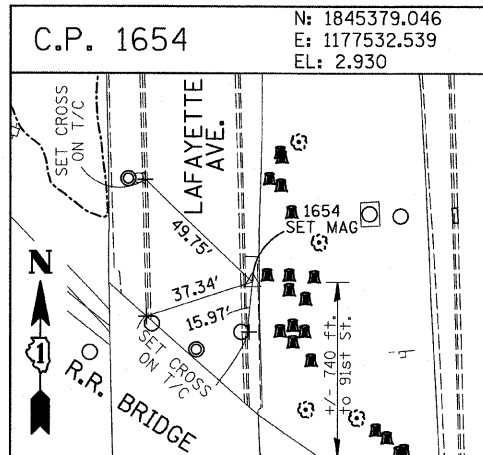
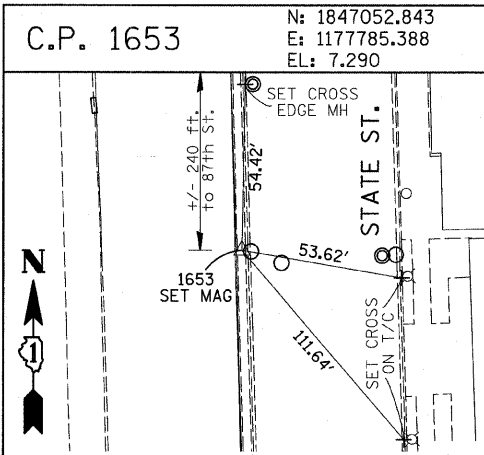
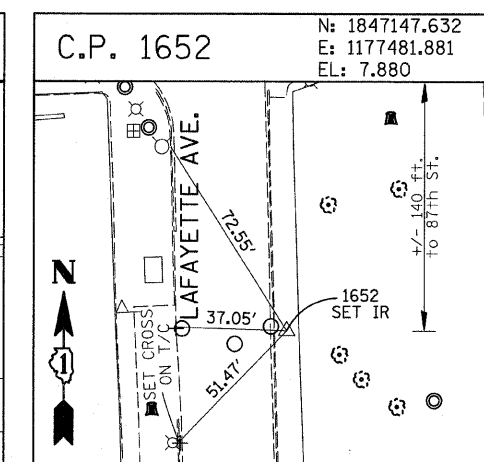
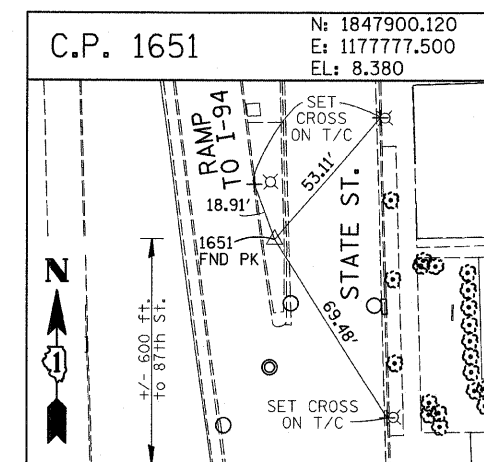
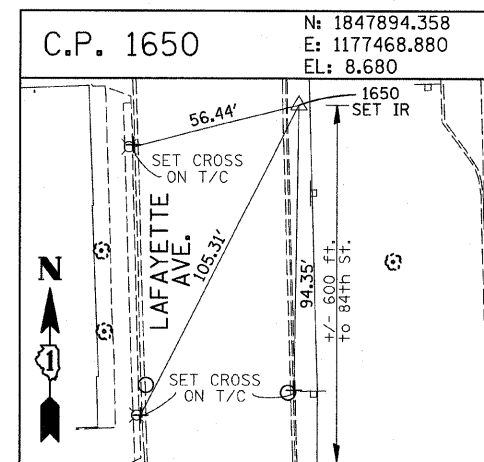
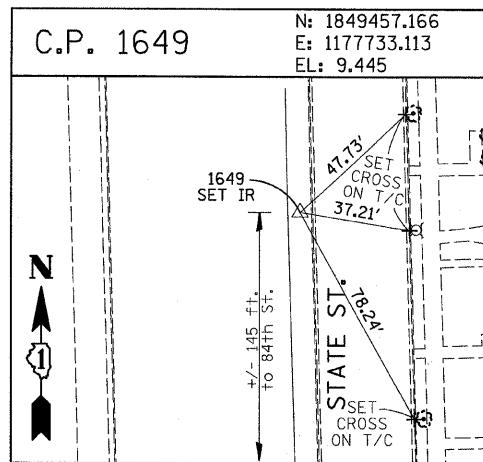
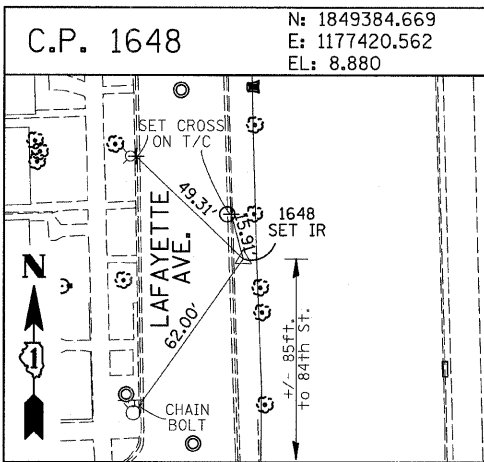
American Surveying Consultants, P.C.  
 1177 71st St., Suite 200, Oak Brook, IL 60151  
 630-581-1100

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: JANUARY 16, 2009  
 DRAWN BY: GSP  
 CHECKED BY: MMW

1/15/2009 11:40:31 AM P:\02373\road\268\fig\268s03.dwg

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	.	COOK	44	13
STA. 1216+84.45		TO STA. 1248+12.50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*1516.1 & 1717 I-10)		62978		



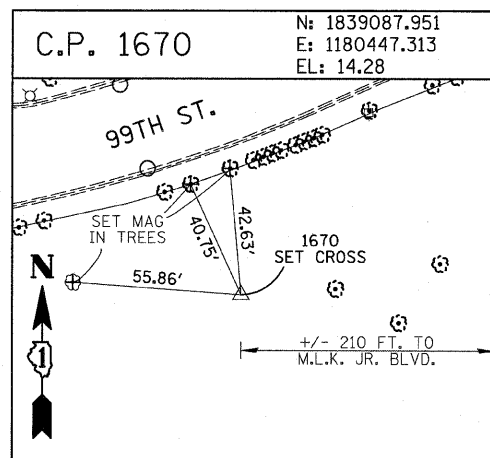
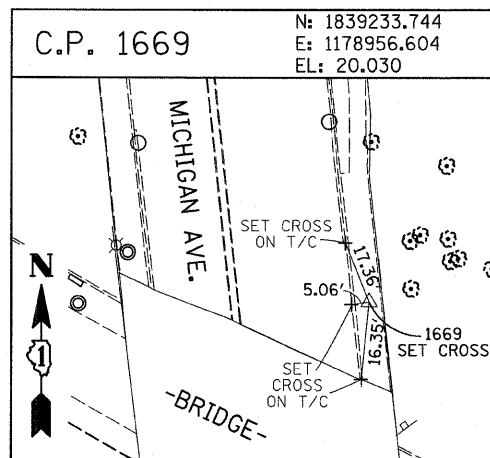
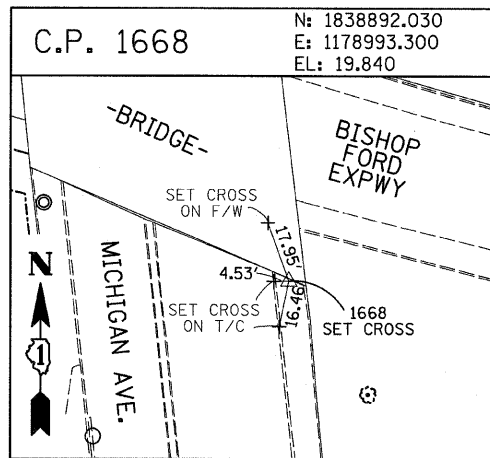
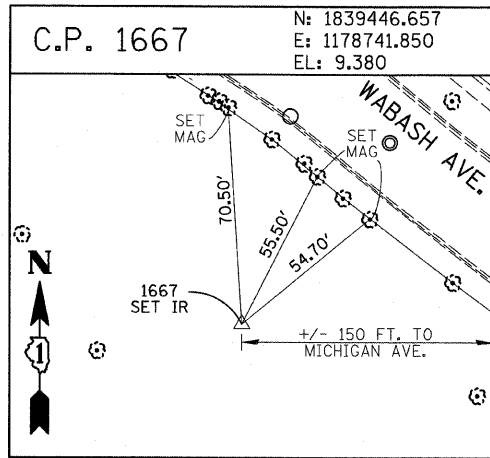
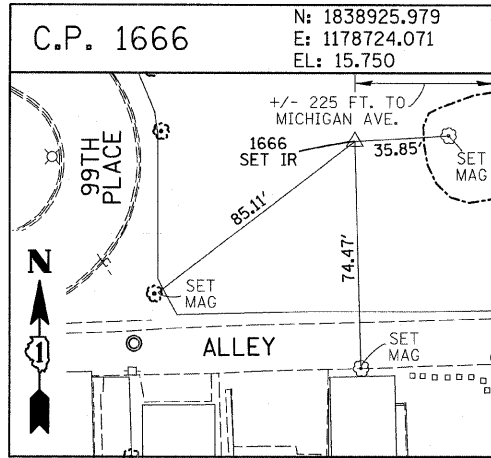
American Surveying Consultants, P.C.  
 1637 Piquette Rd., Chicago, IL 60641  
 312-467-4231

REVISIONS	
NAME	DATE

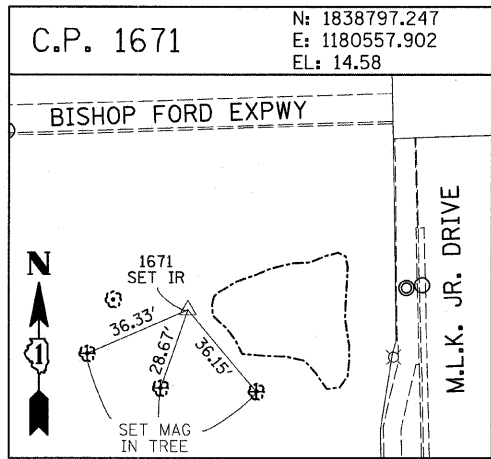
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 SURVEY TIES FOR CONTROL POINTS  
 SHEET 4 OF 7

SCALE: 1"=30'  
 DATE: JANUARY 16, 2009  
 DRAWN BY: GSP  
 CHECKED BY: MMW

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	44	14
STA. 1216+84.45		TO STA. 1248+12.50		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*(1516.1 & 1717 I-10)		62978		



**PROJECT BENCHMARKS**

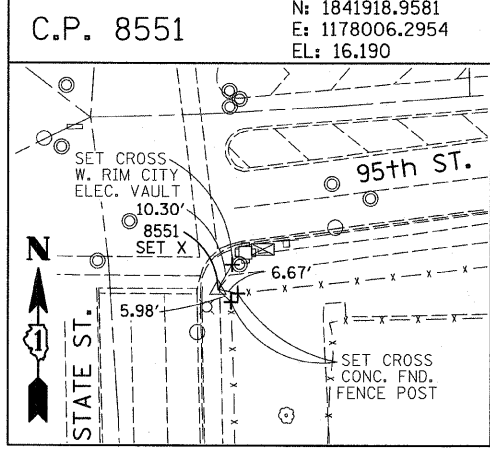
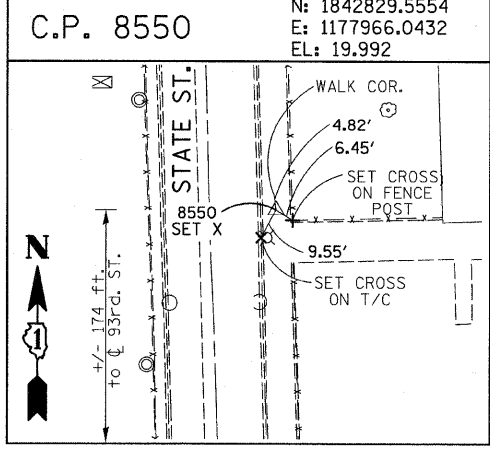
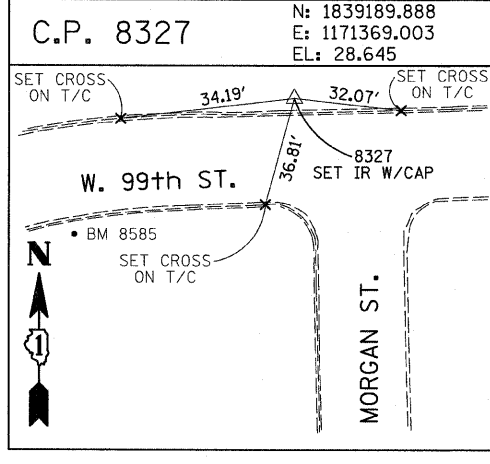
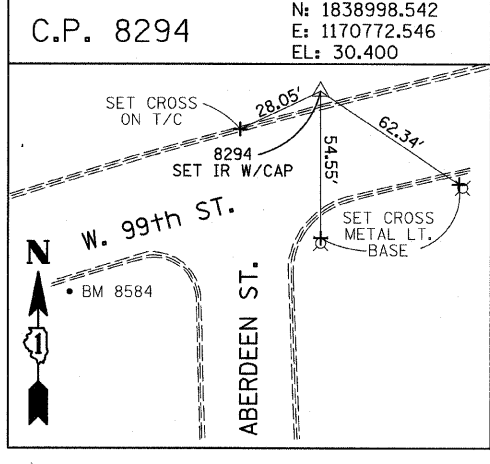
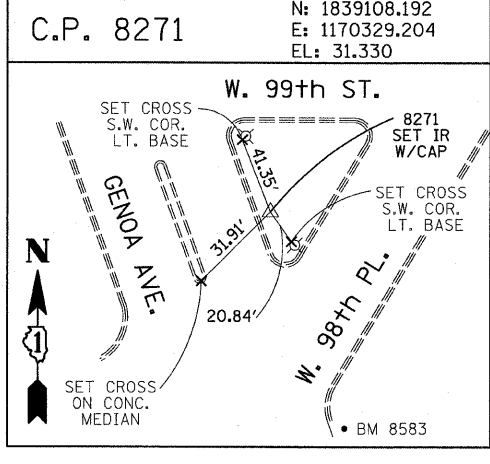
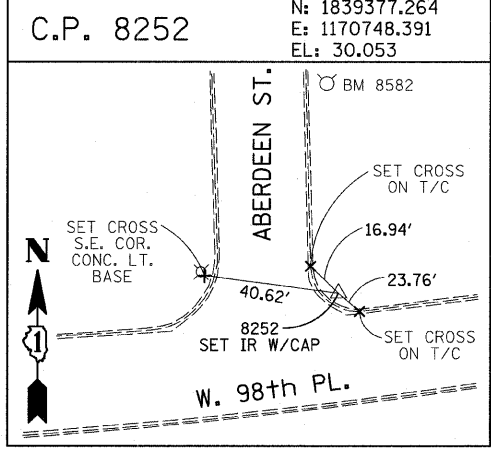
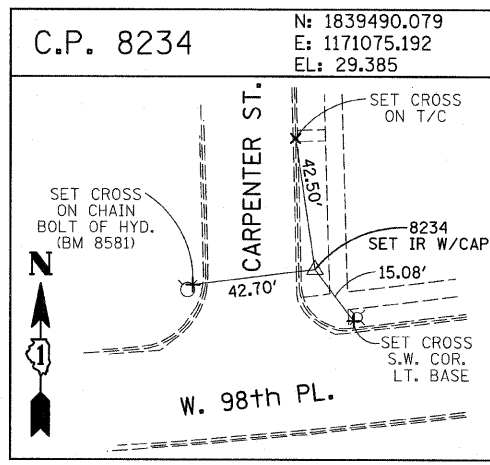
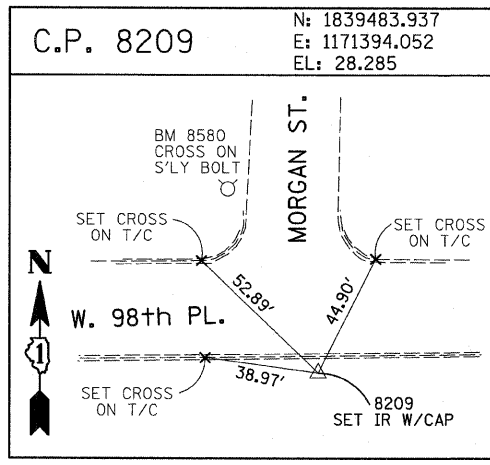
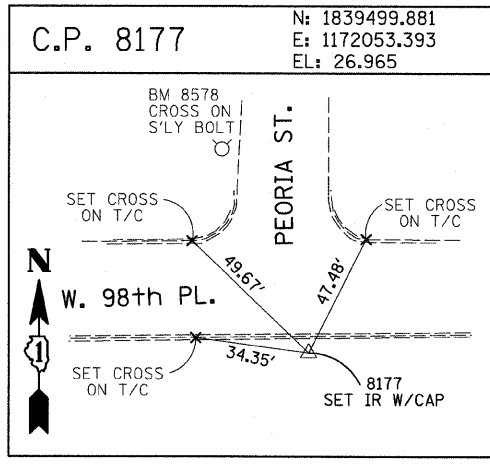
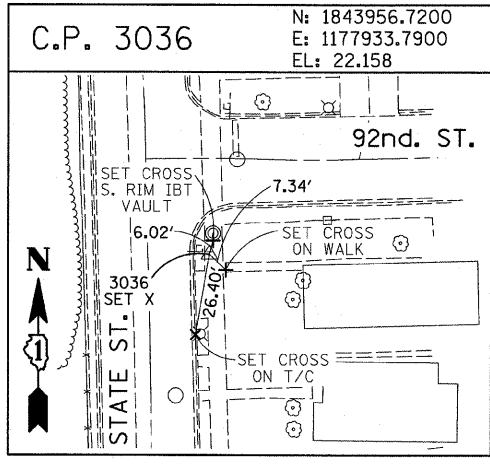
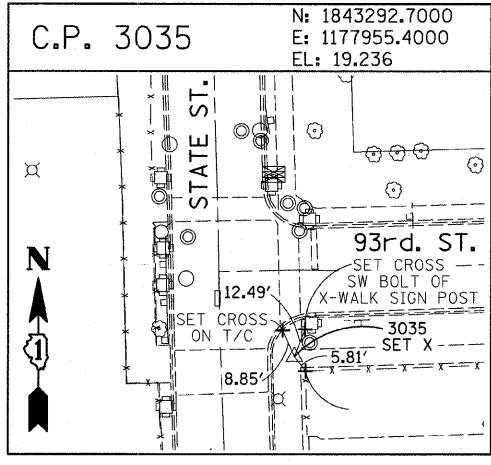
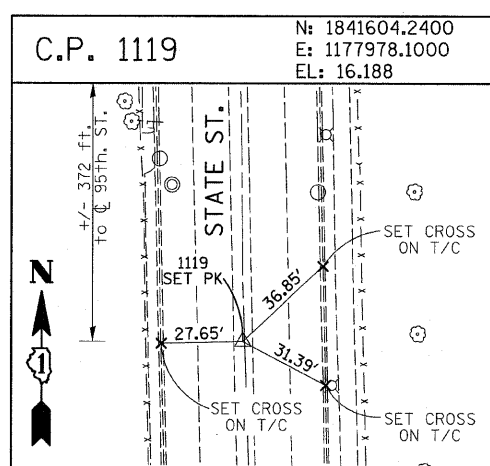
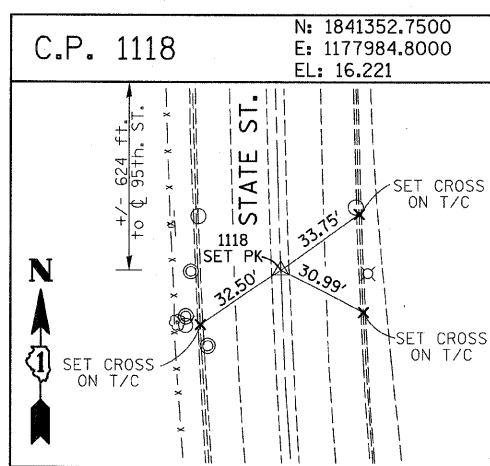
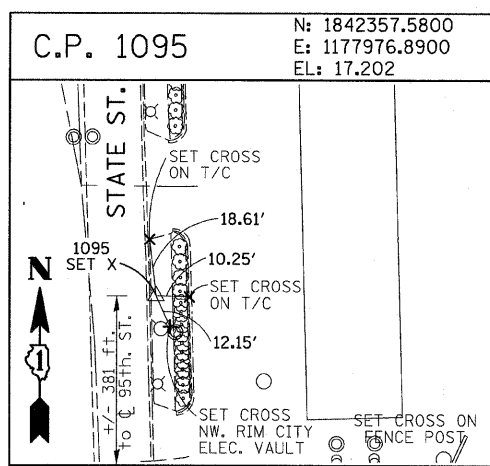
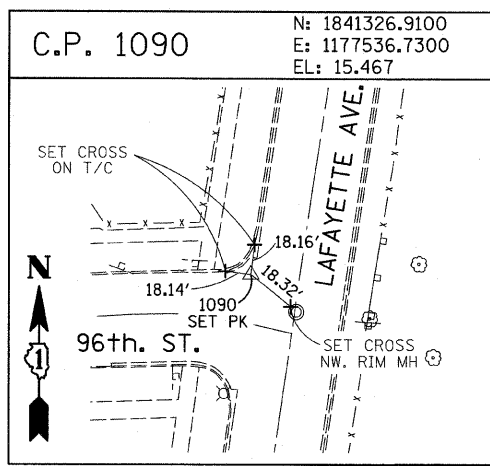
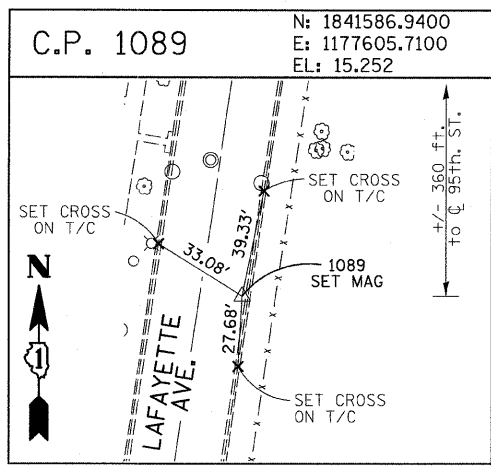
- BM 2231 ELEVATION= 10.24 FEET  
SET CROSS ON CHAIN BOLT OF FIRE HYDRANT ON THE SOUTHWEST CORNER OF 71ST STREET AND LAFAYETTE AVENUE.
- BM 2232 ELEVATION= 8.46 FEET  
SET CROSS ON CHAIN BOLT OF FIRST FIRE HYDRANT SOUTH OF 73RD STREET ON THE WEST SIDE OF LAFAYETTE AVENUE. APPROXIMATELY 350 FEET SOUTH 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.

REVISIONS	
NAME	DATE

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	44	15
STA. 1216+84.45		TO STA. 1248+12.50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*(1516.1 & 1717 I-10)		62978		



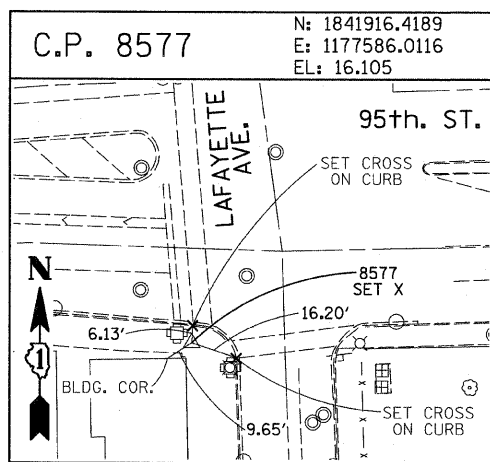
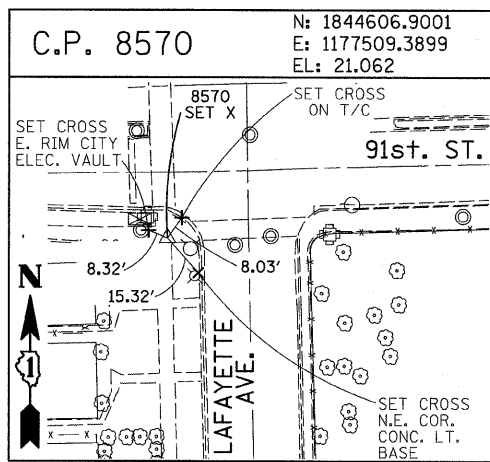
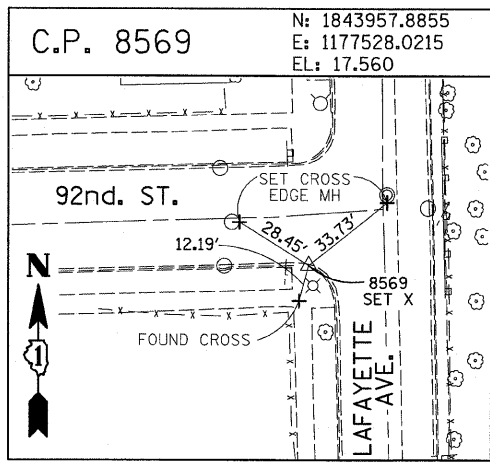
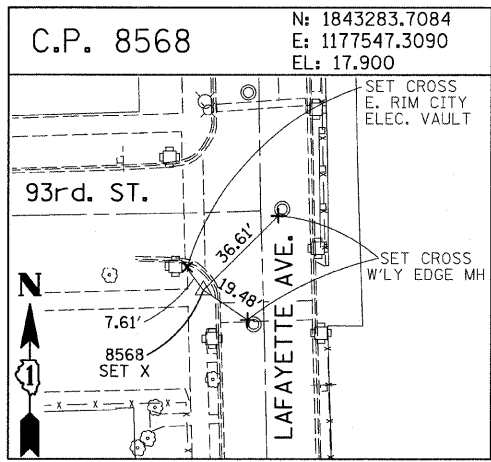
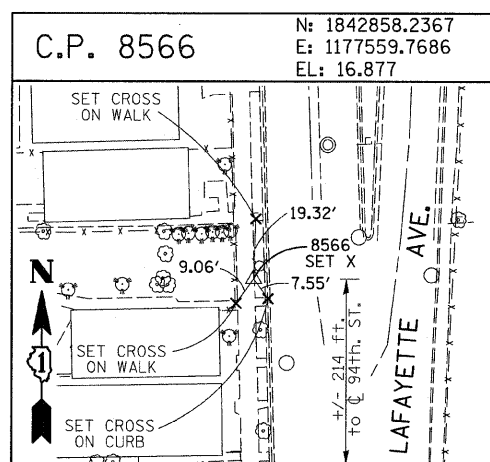
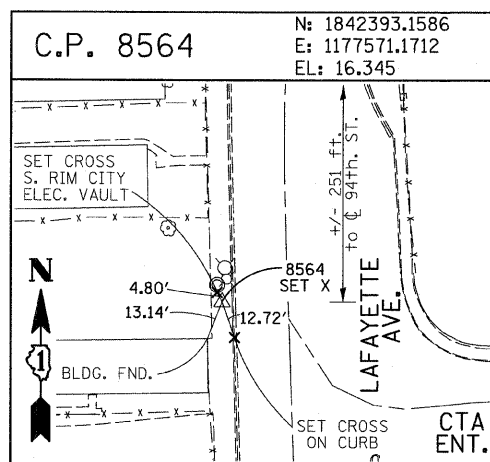
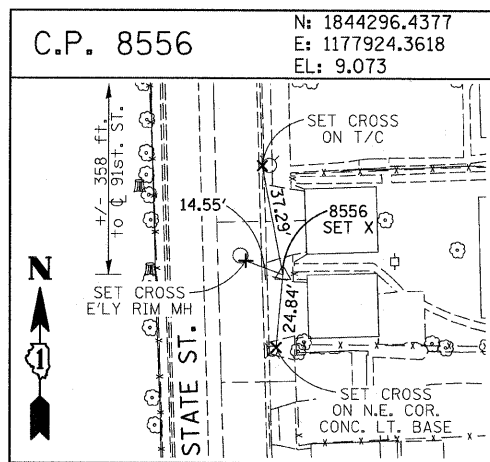
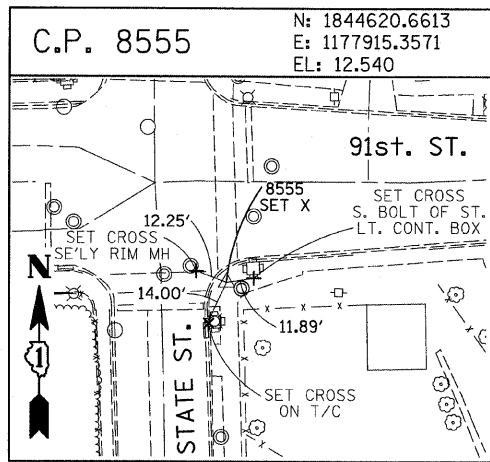
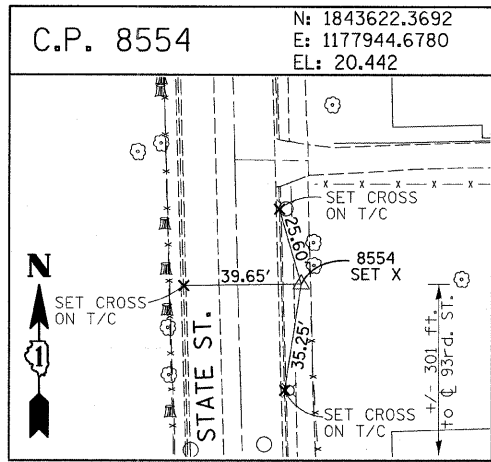
American Surveying Consultants, P.C.  
 1157 Pine Bluff, Chicago, IL 60611  
 312-491-0211

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: JANUARY 16, 2009  
 DRAWN BY: GSP  
 CHECKED BY: MMW

1/15/2009 11:40:36 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	44	16
STA. 1216+84.45		TO STA. 1248+12.50		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*(1516.1 & 1717 I-10)				62978



**PROJECT BENCHMARKS**

- BM 101 ELEVATION= 24.89 FEET  
SET SQUARE CUT ON SOUTHERLY CURB OF WEST 98TH PLACE, APPROXIMATELY 70 FEET EAST OF THE CENTERLINE OF GREEN STREET.
- BM 102 ELEVATION= 27.36 FEET  
SET CROSS ON SOUTHERLY FLANGE BOLT OF FIRE HYDRANT AT THE SOUTHWEST CORNER OF WEST 99TH STREET AND GREEN STREET.
- BM 8558 ELEVATION= 17.73 FEET  
SET SQUARE CUT ON SOUTHEAST CORNER OF FOURTH LIGHT BASE SOUTH OF 95TH STREET, ON THE EAST SIDE OF STATE STREET.
- BM 8559 ELEVATION= 17.10 FEET  
SET SQUARE CUT ON SOUTHWEST CORNER OF CONCRETE SIGN BASE AT THE NORTHWEST CORNER OF THE MOBIL GAS STATION PROPERTY AT THE NORTHEAST CORNER OF 95TH STREET AND STATE STREET.
- BM 8560 ELEVATION= 17.50 FEET  
SET SQUARE CUT ON SOUTHEAST CORNER OF CONCRETE BUS SLAB ON THE EAST SIDE OF STATE STREET, APPROXIMATELY 50 FEET SOUTH OF THE CENTERLINE OF 94TH STREET.
- BM 8561 ELEVATION= 19.77 FEET  
SET CROSS ON SOUTHEASTERLY FLANGE BOLT OF FIRST FIRE HYDRANT SOUTH OF 93RD STREET, ON THE EAST SIDE OF STATE STREET.
- BM 8562 ELEVATION= 22.29 FEET  
SET CROSS ON SOUTHEASTERLY FLANGE BOLT OF FIRST FIRE HYDRANT NORTH OF 93RD STREET, ON THE EAST SIDE OF STATE STREET.
- BM 8563 ELEVATION= 20.47 FEET  
SET CROSS ON SOUTHEASTERLY FLANGE BOLT OF FIRST FIRE HYDRANT SOUTH OF 91ST STREET, ON THE EAST SIDE OF STATE STREET.
- BM 8573 ELEVATION= 19.89 FEET  
SET SQUARE CUT ON EAST SIDE OF SIDEWALK OPPOSITE TO THE SECOND FIRE HYDRANT SOUTH OF 91ST STREET, ON THE WEST SIDE OF LAFAYETTE AVENUE.
- BM 8574 ELEVATION= 18.90 FEET  
SET CROSS ON THE WESTERLY FLANGE BOLT OF FIRE HYDRANT APPROXIMATELY AT 9224 S. LAFAYETTE AVENUE, ON THE WEST SIDE OF LAFAYETTE AVENUE.
- BM 8575 ELEVATION= 17.77 FEET  
SET CROSS ON THE WESTERLY FLANGE BOLT OF FIRE HYDRANT APPROXIMATELY AT 9326 S. LAFAYETTE AVENUE, ON THE WEST SIDE OF LAFAYETTE AVENUE.

- BM 8576 ELEVATION= 17.43 FEET  
SET CROSS ON THE WESTERLY FLANGE BOLT OF FIRE HYDRANT AT THE VACANT LOT BETWEEN 9416 AND 9422 S. LAFAYETTE AVENUE, ON THE WEST SIDE OF LAFAYETTE AVENUE.
- BM 8578 ELEVATION= 27.92 FEET  
SET CROSS ON SOUTHERLY FLANGE BOLT OF FIRE HYDRANT AT THE NORTHWEST CORNER OF WEST 98TH PLACE AND PEORIA STREET.
- BM 8579 ELEVATION= 28.59 FEET  
SET CROSS ON SOUTHERLY FLANGE BOLT OF FIRE HYDRANT AT THE NORTHWEST CORNER OF WEST 98TH PLACE AND SANGAMON STREET.
- BM 8580 ELEVATION= 29.24 FEET  
SET CROSS ON SOUTHERLY FLANGE BOLT OF FIRE HYDRANT AT THE NORTHWEST CORNER OF WEST 98TH PLACE AND MORGAN STREET.
- BM 8581 ELEVATION= 30.82 FEET  
SET CROSS ON CHAIN BOLT OF FIRE HYDRANT ON THE NORTHWEST CORNER OF CARPENTER STREET AND WEST 98TH PLACE.
- BM 8582 ELEVATION= 30.69 FEET  
SET CROSS ON CHAIN BOLT OF FIRST FIRE HYDRANT NORTH OF WEST 98TH PLACE, ON THE EAST SIDE OF ABERDEEN STREET.
- BM 8583 ELEVATION= 33.14 FEET  
SET SQUARE CUT ON CONCRETE BRIDGE WALL AT THE SOUTHEASTERLY CORNER OF GENOA AVENUE AND 99TH STREET.
- BM 8584 ELEVATION= 32.36 FEET  
SET CROSS ON CHAIN BOLT OF FIRST FIRE HYDRANT WEST OF ABERDEEN STREET, ON THE SOUTHERLY SIDE OF 99TH STREET.
- BM 8585 ELEVATION= 30.28 FEET  
SET CROSS ON SOUTHERLY FLANGE BOLT OF FIRST FIRE HYDRANT WEST OF MORGAN STREET, ON THE SOUTH SIDE OF 99TH STREET.
- BM 8586 ELEVATION= 28.75 FEET  
SET CROSS ON NORTHERLY FLANGE BOLT OF FIRE HYDRANT AT THE SOUTHWEST CORNER OF 99TH STREET AND SANGAMON STREET.
- BM 8587 ELEVATION= 31.19 FEET  
SET CROSS ON SOUTHERLY FLANGE BOLT OF FIRE HYDRANT AT THE SOUTHWEST CORNER OF 99TH STREET AND CARPENTER STREET.

- BM 3514 ELEVATION= 17.56 FEET  
SET CROSS ON CHAIN BOLT OF HYDRANT AT SOUTHWEST INTERSECTION OF LASALLE ST. AND 97TH ST.
- BM 3522 ELEVATION= 18.06 FEET  
SET CROSS ON SOUTH SOUTHEAST FLANGE BOLT OF HYDRANT ± HALFWAY BETWEEN NORTH AND SOUTH ENTRANCE TO CITGO, EAST SIDE OF STATE ST. AND NORTH OF 95TH ST.
- BM 3549 ELEVATION= 9.49 FEET  
SET CROSS WESTERLY FLANGE BOLT OF HYDRANT AT SOUTHWEST INTERSECTION OF 87TH ST. AND LAFAYETTE AVE.
- BM 3550 ELEVATION= 22.88 FEET  
SET CROSS WESTERLY FLANGE BOLT OF HYDRANT AT SOUTHWEST INTERSECTION OF 91ST ST. AND LAFAYETTE AVE.
- BM 3551 ELEVATION= 17.50 FEET  
SET CROSS NORTHERLY FLANGE BOLT OF HYDRANT AT SOUTHWEST INTERSECTION OF 95TH ST. AND LAFAYETTE AVE.
- BM 3552 ELEVATION= 14.81 FEET  
SET CROSS NORTHEAST BOLT OF TRAFFIC SIGNAL/LIGHT BASE AT SOUTHEAST INTERSECTION OF 91ST ST. AND STATE ST.
- BM 3553 ELEVATION= 8.47 FEET  
SET CROSS NORTHWEST BOLT OF TRAFFIC SIGNAL/LIGHT BASE AT NORTHEAST INTERSECTION OF 87TH ST. AND STATE ST.
- BM 3556 ELEVATION= 9.06 FEET  
SET CROSS EASTERLY FLANGE BOLT OF HYDRANT AT NORTHEAST CORNER OF 75TH ST. AND STATE ST.
- BM 3558 ELEVATION= 18.15 FEET  
SET CROSS SOUTHWESTERLY FLANGE BOLT OF HYDRANT AT NORTHWEST INTERSECTION OF NORMAL ST. AND 98TH PLACE.
- BM 3810 ELEVATION= 0.29 FEET  
CUT SQUARE ON SOUTHERLY CORNER OF METAL BASE FOR OVERHEAD SIGN, ON THE WESTERLY SIDE OF SOUTHBOUND DAN RYAN, OPPOSITE OF WEST 77TH PLACE, APPROXIMATELY 1000 FEET NORTH OF 79TH STREET BRIDGE.
- BM 3811 ELEVATION= 1.95 FEET  
CUT SQUARE ON SOUTHEASTERLY CORNER OF METAL BASE FOR OVERHEAD SIGN, ON THE WESTERLY SIDE OF SOUTHBOUND DAN RYAN APPROXIMATELY 840 FEET SOUTHERLY OF 83RD STREET.

REVISIONS	
NAME	DATE

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

**SURVEY TIES FOR CONTROL POINTS**  
**SHEET 7 OF 7**

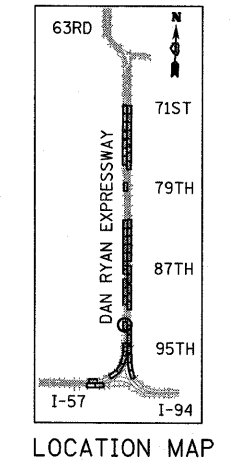
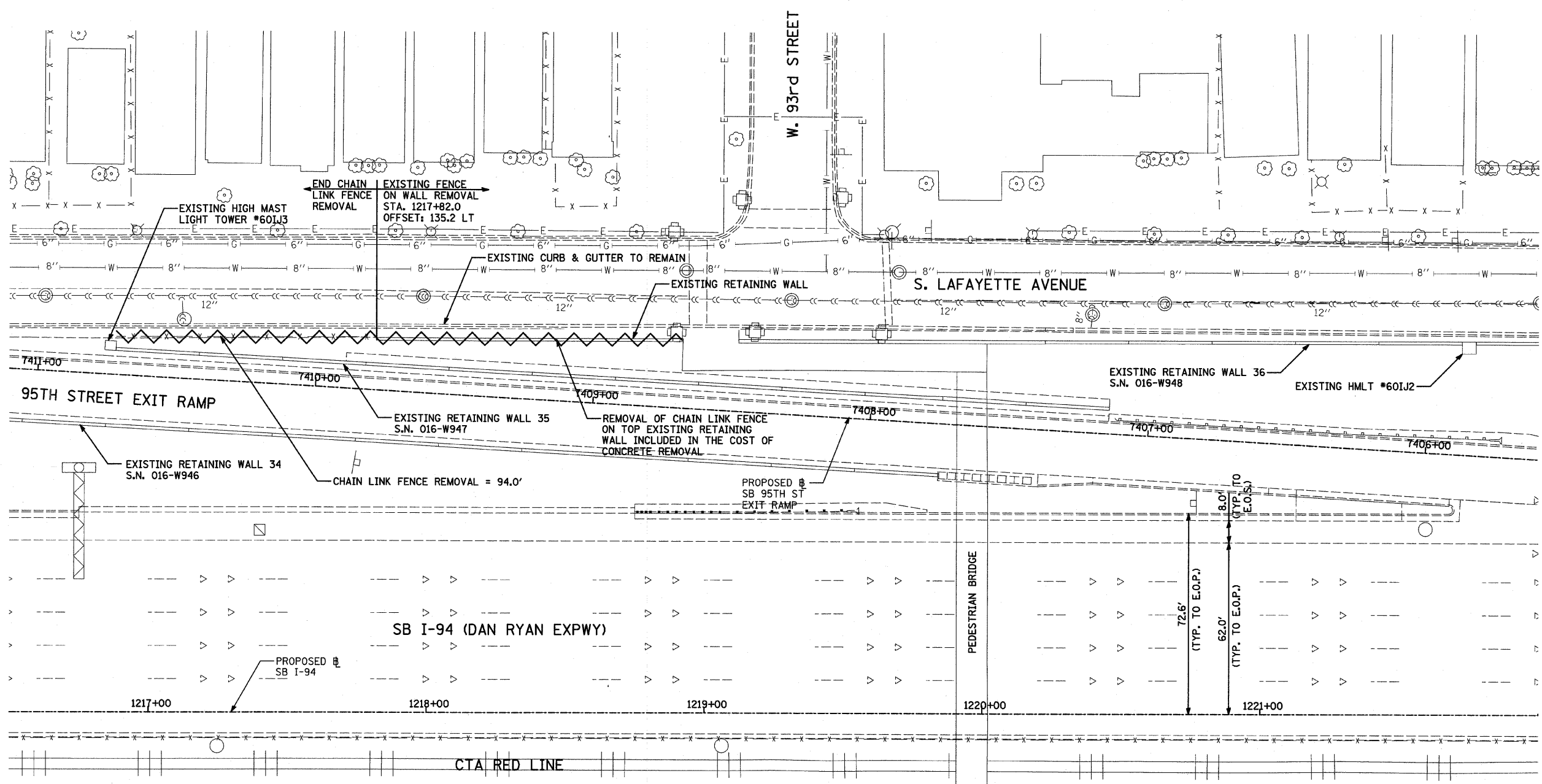
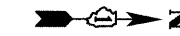
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DATE: JANUARY 16, 2009

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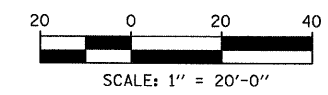
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	44	17
STA. 1216+84.45		TO STA. 1248+12.50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*(1516.1 & 1717 I-10)				62978



- LEGEND:**
- PAVED SHOULDER REMOVAL
  - COMB CONC CURB & GUTTER REMOVAL
  - CHAIN LINK FENCE REMOVAL
  - CONCRETE BARRIER/GUARDRAIL REMOVAL



**TYLIN** INTERNATIONAL

REVISIONS	
NAME	DATE

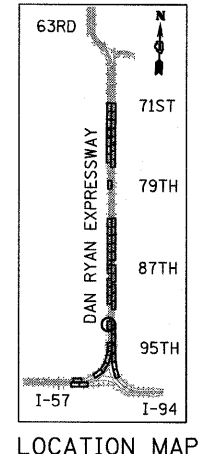
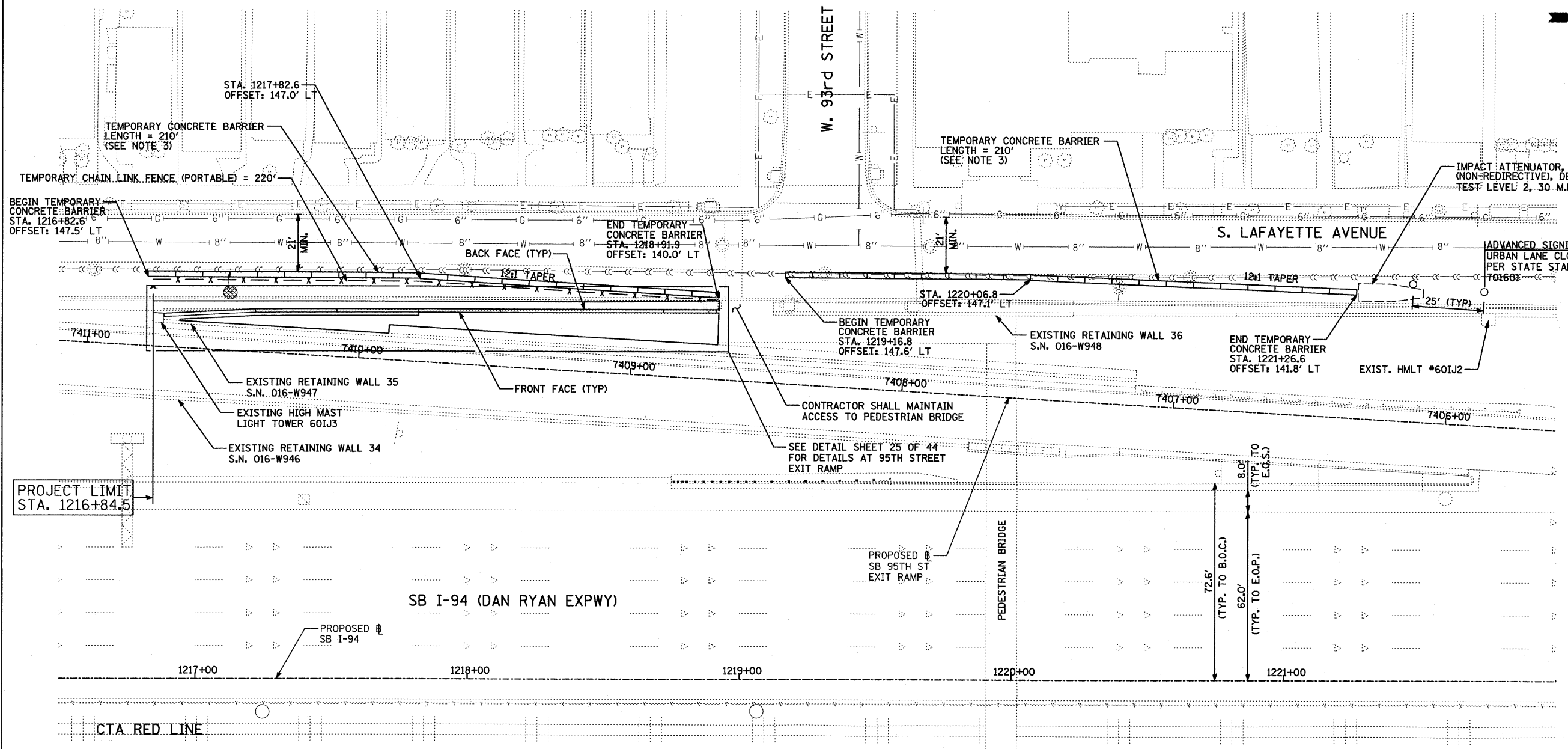
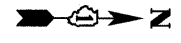
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 REMOVAL PLAN  
 SB I-94 (DAN RYAN EXPRESSWAY)  
 STA. 1216+50.00 TO STA. 1222+00.00

SCALE: 1"=20'  
 DATE: JANUARY 16, 2009

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





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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	44	18
STA. 1216+84.45		TO STA. 1248+12.50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*(1516.1 & 1717 I-10)		62978		



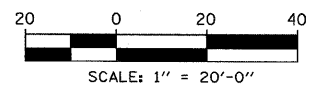
LOCATION MAP

**LEGEND:**

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

**NOTES:**

1. STATION AND OFFSET CALLOUTS ALONG THE LENGTH OF EITHER FLUTED KNEE WALL OR FLUTED KNEE WALL, SPECIAL ARE TAKEN FROM THE BACK 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 SHALL NOT BE REMOVED UNTIL ALL CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED OR AS DIRECTED BY THE ENGINEER



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**PROPOSED PLAN**  
**SB I-94 (I-94 DAN RYAN EXPWY)**  
**STA. 1216+50.00 TO STA. 1222+00.00**

SCALE: 1"=20'  
DATE: JANUARY 16, 2009

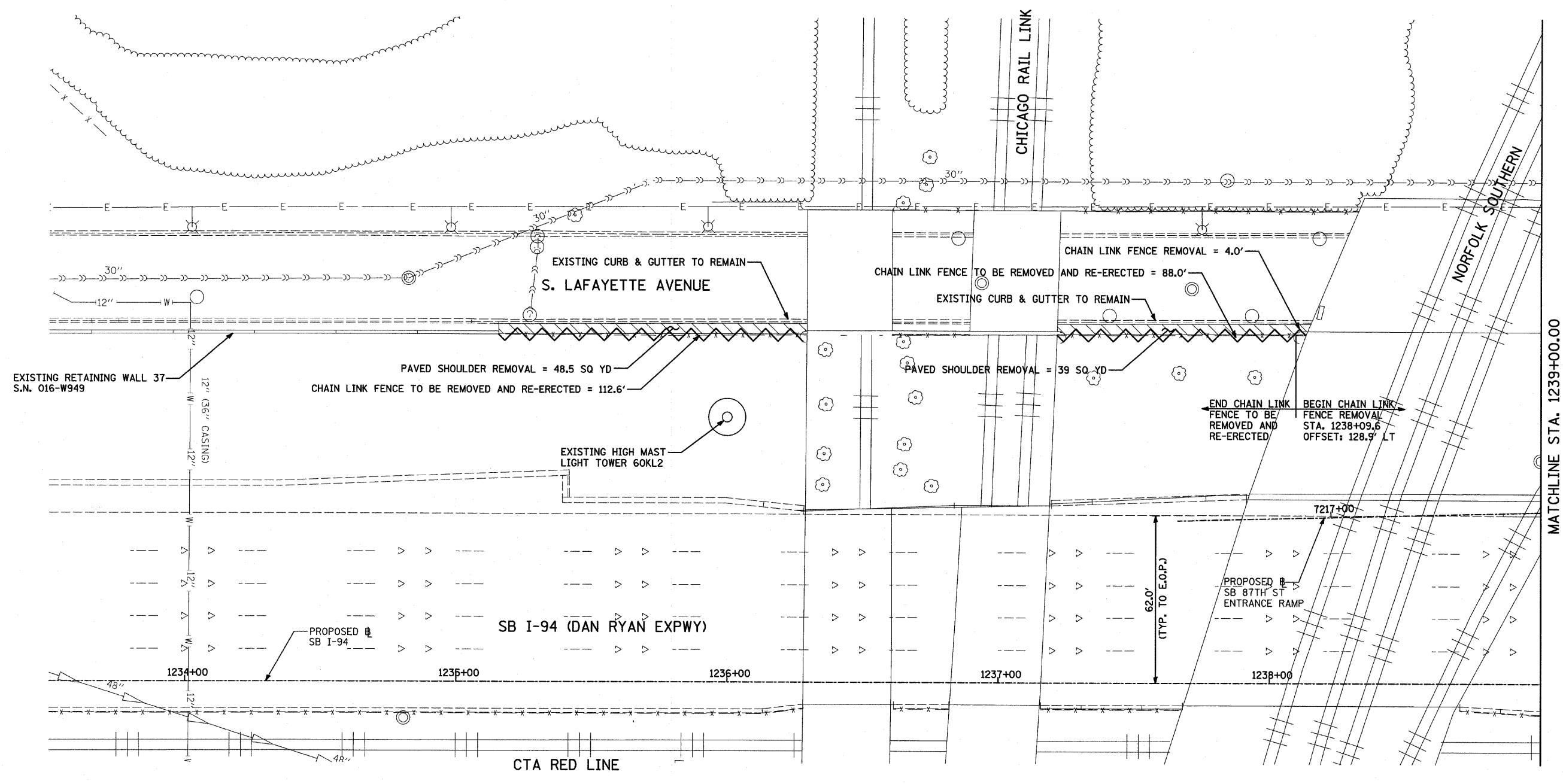
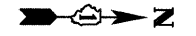
DRAWN BY: AMB, MAF, TB  
CHECKED BY: TGB, MI

COST INCLUDED WITH "CONCRETE MEDIAN SURFACE, 5 INCH (MODIFIED)"

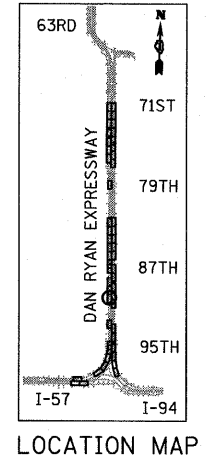
**TYLIN** INTERNATIONAL

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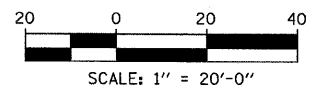
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	44	19
STA. 1216+84.45		TO STA. 1248+12.50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*(1516.1 & 1717 I-10)		62978		



MATCHLINE STA. 1239+00.00



- LEGEND:**
- PAVED SHOULDER REMOVAL
  - COMB CONC CURB & GUTTER REMOVAL
  - CHAIN LINK FENCE REMOVAL
  - CONCRETE BARRIER/GUARDRAIL REMOVAL



**TYLIN** INTERNATIONAL

REVISIONS	
NAME	DATE

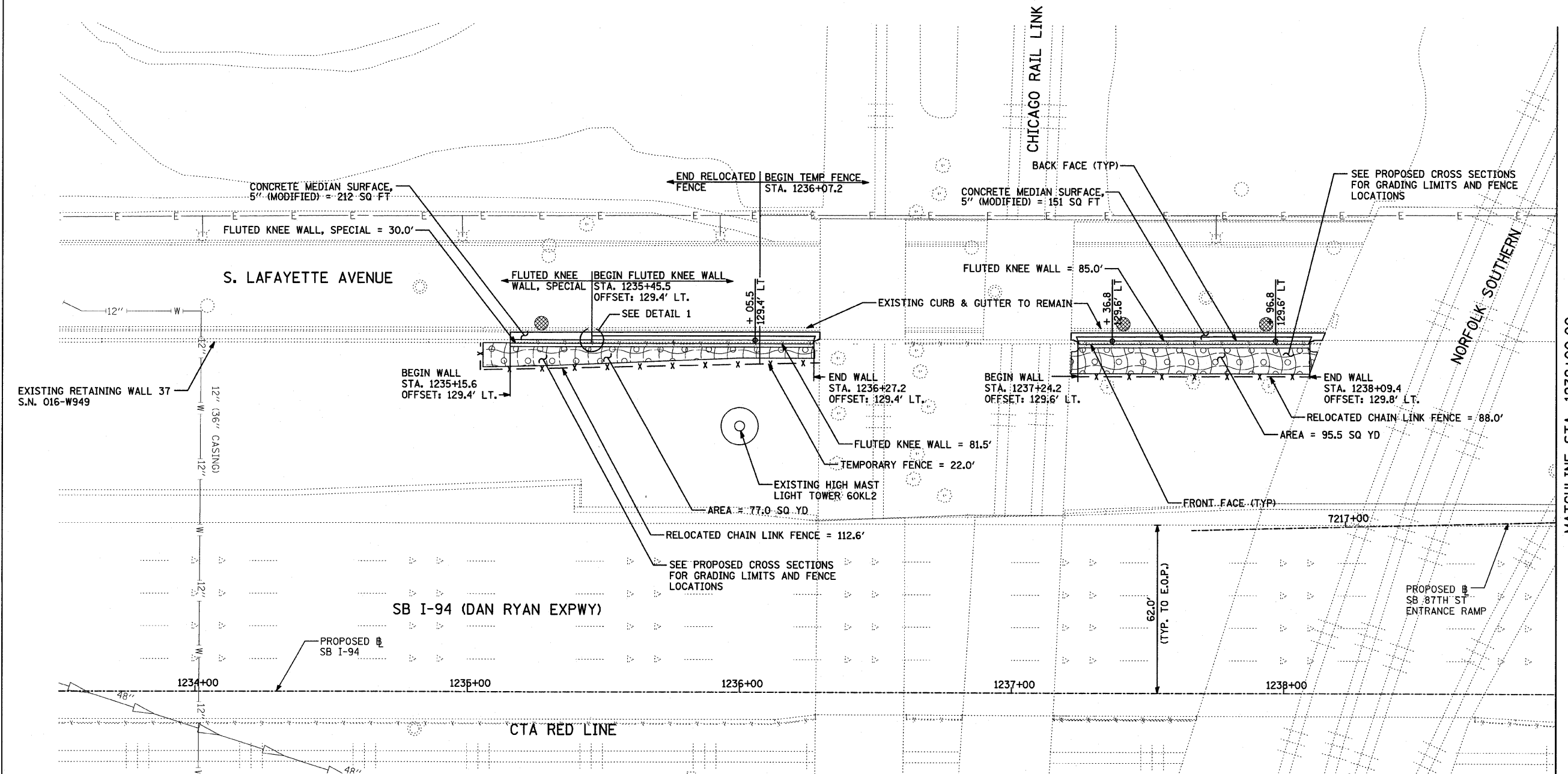
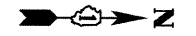
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 REMOVAL PLAN  
 SB I-94 (DAN RYAN EXPRESSWAY)  
 STA. 1233+50.00 TO STA. 1239+00.00

SCALE: 1"=20'  
 DATE: JANUARY 16, 2009

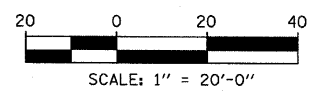
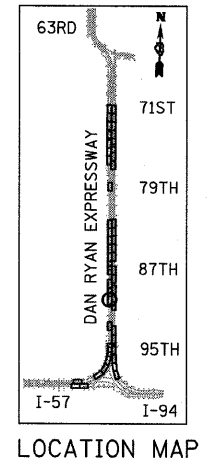
DRAWN BY: AMB, MAF  
 CHECKED BY: TGB, MI

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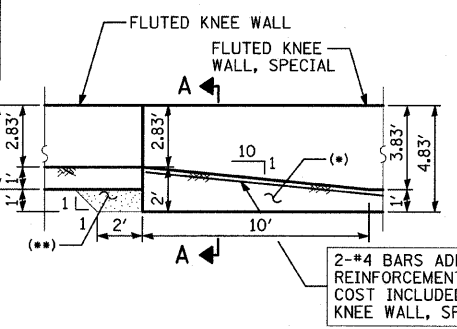
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	44	20
STA. 1216+84.45 TO STA. 1248+12.50				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
*(1516.1 & 1717 I-10)		62978		



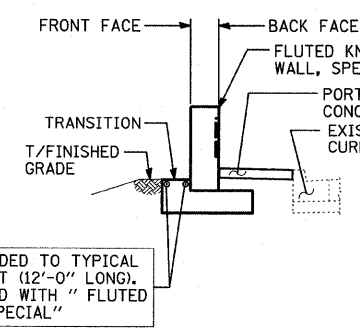
MATCHLINE STA. 1239+00.00



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



**FRONT FACE ELEVATION**



**SECTION A-A**

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

**LEGEND:**

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

**NOTES:**

1. STATION AND OFFSET CALLOUTS ALONG THE LENGTH OF EITHER FLUTED KNEE WALL OR FLUTED KNEE WALL, SPECIAL ARE TAKEN FROM THE BACK 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.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
 PROPOSED PLAN  
 SB I-94 (I-94 DAN RYAN EXPWY)  
 STA. 1233+50.00 TO STA. 1239+00.00

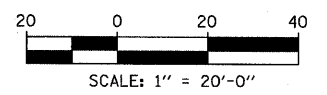
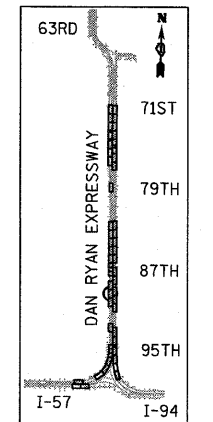
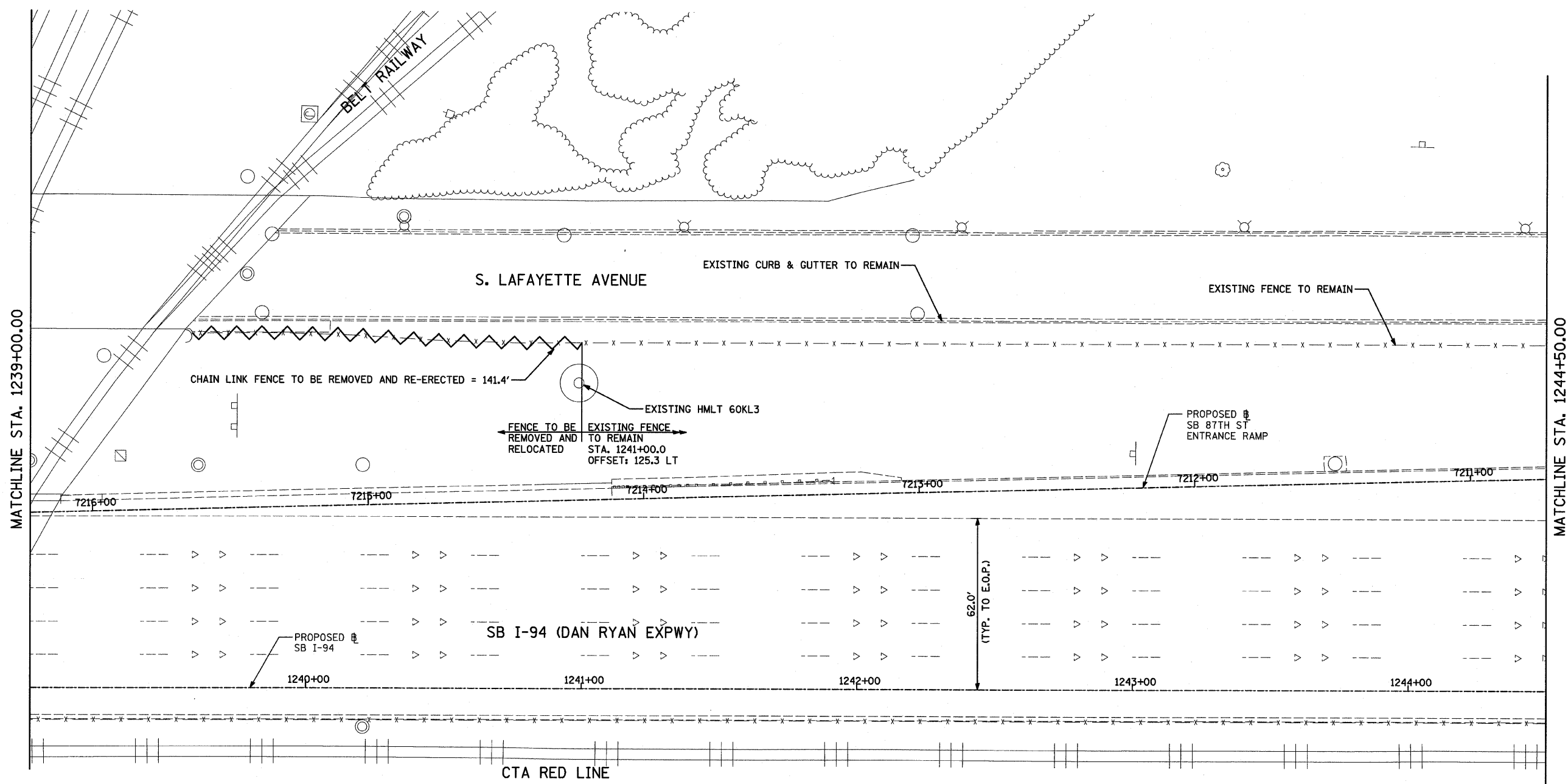
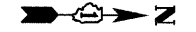
SCALE: 1"=20'  
 DATE: JANUARY 16, 2009

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

**TYLIN** INTERNATIONAL

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	44	21
STA. 1216+84.45		TO STA. 1248+12.50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*(1516.1 & 1717 I-10)				62978



- LEGEND:**
- PAVED SHOULDER REMOVAL
  - COMB CONC CURB & GUTTER REMOVAL
  - CHAIN LINK FENCE REMOVAL
  - CONCRETE BARRIER/GUARDRAIL REMOVAL

**TYLIN** INTERNATIONAL

REVISIONS	
NAME	DATE

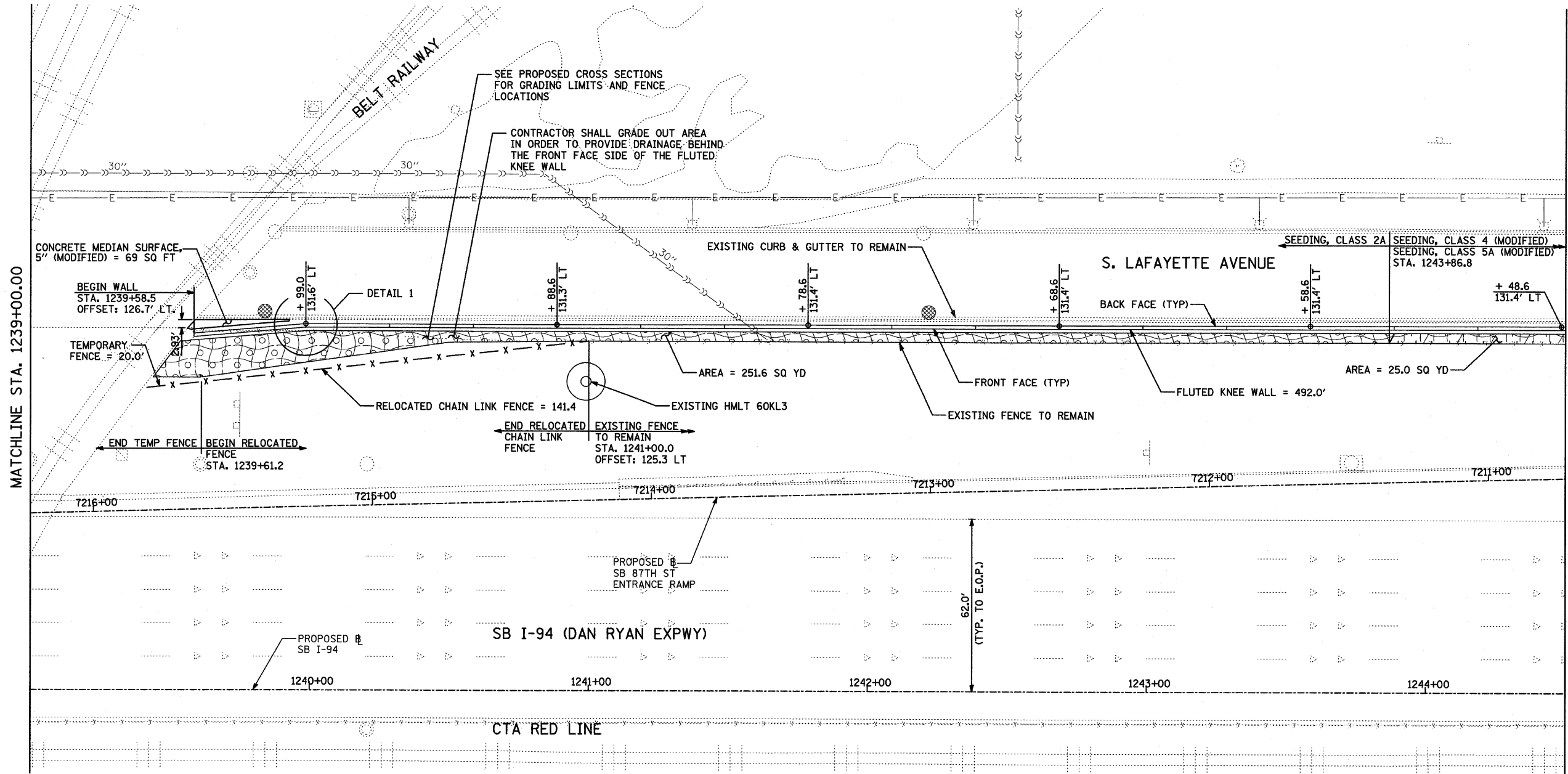
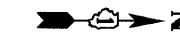
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**REMOVAL PLAN**  
**SB I-94 (DAN RYAN EXPRESSWAY)**  
**STA. 1239+00.00 TO STA. 1244+50.00**

SCALE: 1"=20'  
DATE: JANUARY 16, 2009

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

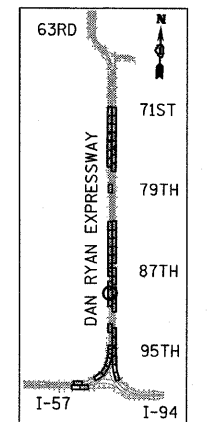
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	44	22
STA. 1216+84.45		TO STA. 1248+12.50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*1516.1 & 1717 I-10		62978		

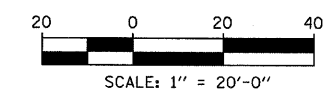


MATCHLINE STA. 1239+00.00

MATCHLINE STA. 1244+50.00



LOCATION MAP

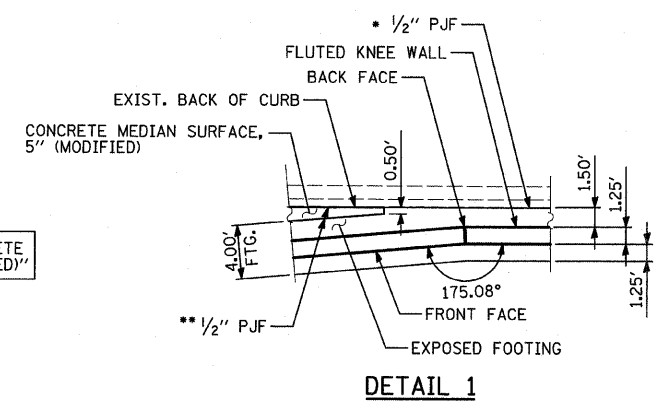


**LEGEND:**

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

**NOTES:**

1. STATION AND OFFSET CALLOUTS ALONG THE LENGTH OF EITHER FLUTED KNEE WALL OR FLUTED KNEE WALL, SPECIAL ARE TAKEN FROM THE BACK 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.



\* COST INCLUDED WITH "FLUTED KNEE WALL"

\*\* COST INCLUDED WITH "CONCRETE MEDIAN SURFACE, 5" (MODIFIED)"

**TYLIN INTERNATIONAL**

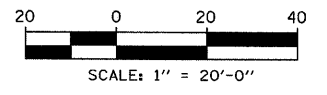
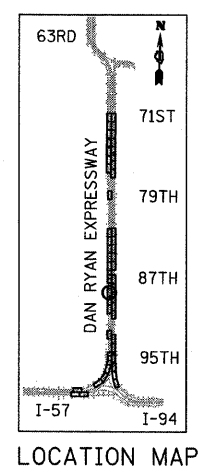
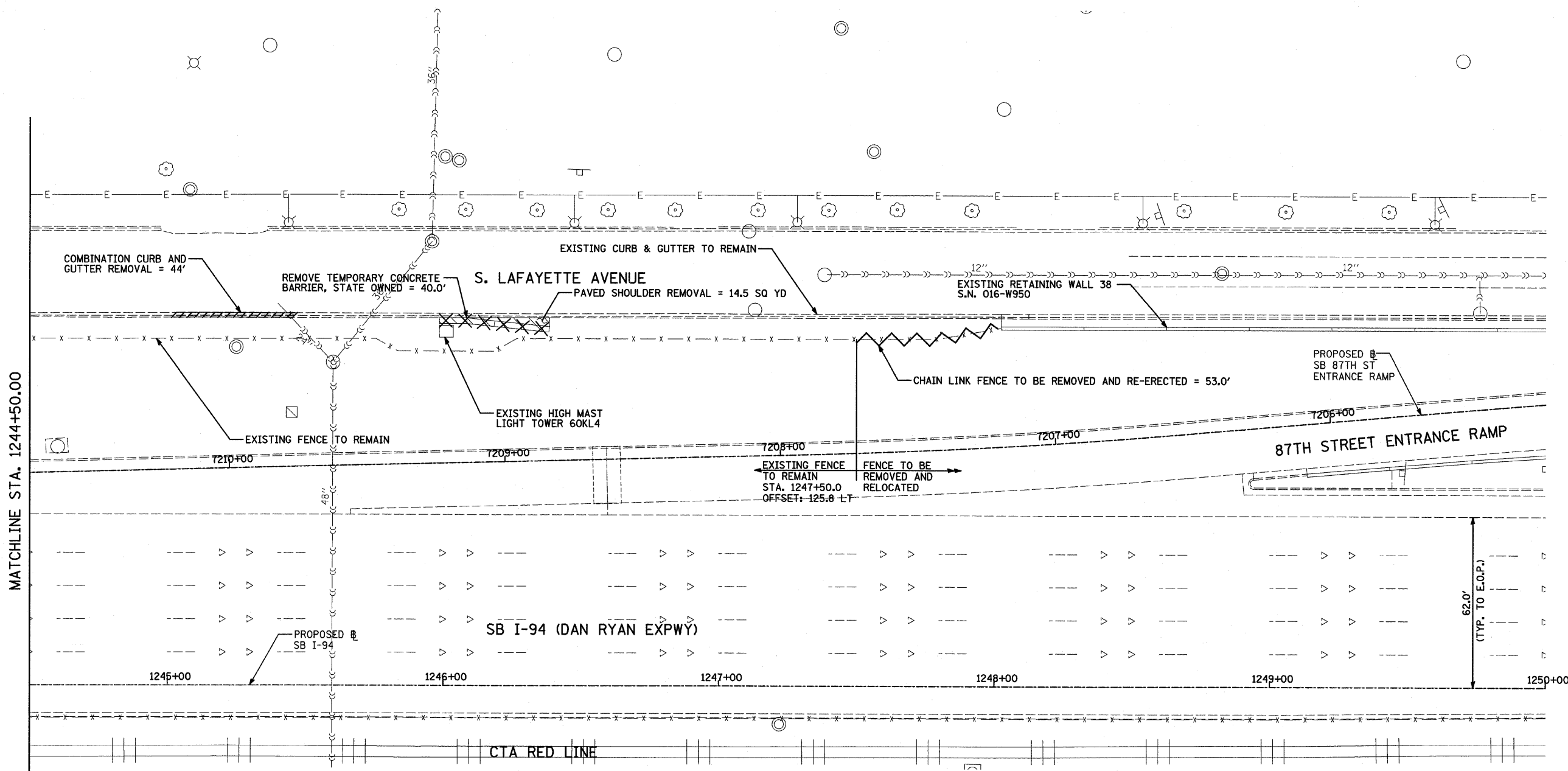
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**PROPOSED PLAN**  
**SB I-94 (I-94 DAN RYAN EXPWY)**  
**STA. 1239+00.00 TO STA. 1244+50.00**

SCALE: 1"=20'  
DATE: JANUARY 16, 2009  
DRAWN BY: AMB, MAF, TB  
CHECKED BY: TGB, MI

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	44	23
STA. 1216+84.45		TO STA. 1248+12.50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
•(1516.1 & 1717 I-10)		62978		



- LEGEND:**
- PAVED SHOULDER REMOVAL
  - COMB CONC CURB & GUTTER REMOVAL
  - CHAIN LINK FENCE REMOVAL
  - CONCRETE BARRIER/GUARDRAIL REMOVAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 REMOVAL PLAN  
 SB I-94 (DAN RYAN EXPRESSWAY)  
 STA. 1244+50.00 TO STA. 1250+00.00

SCALE: 1"=20'  
 DATE: JANUARY 16, 2009

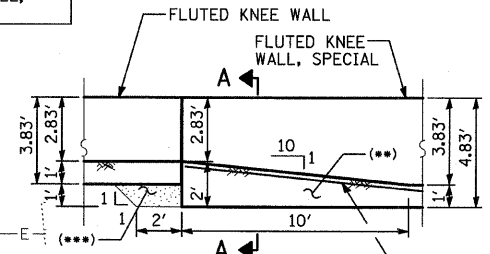
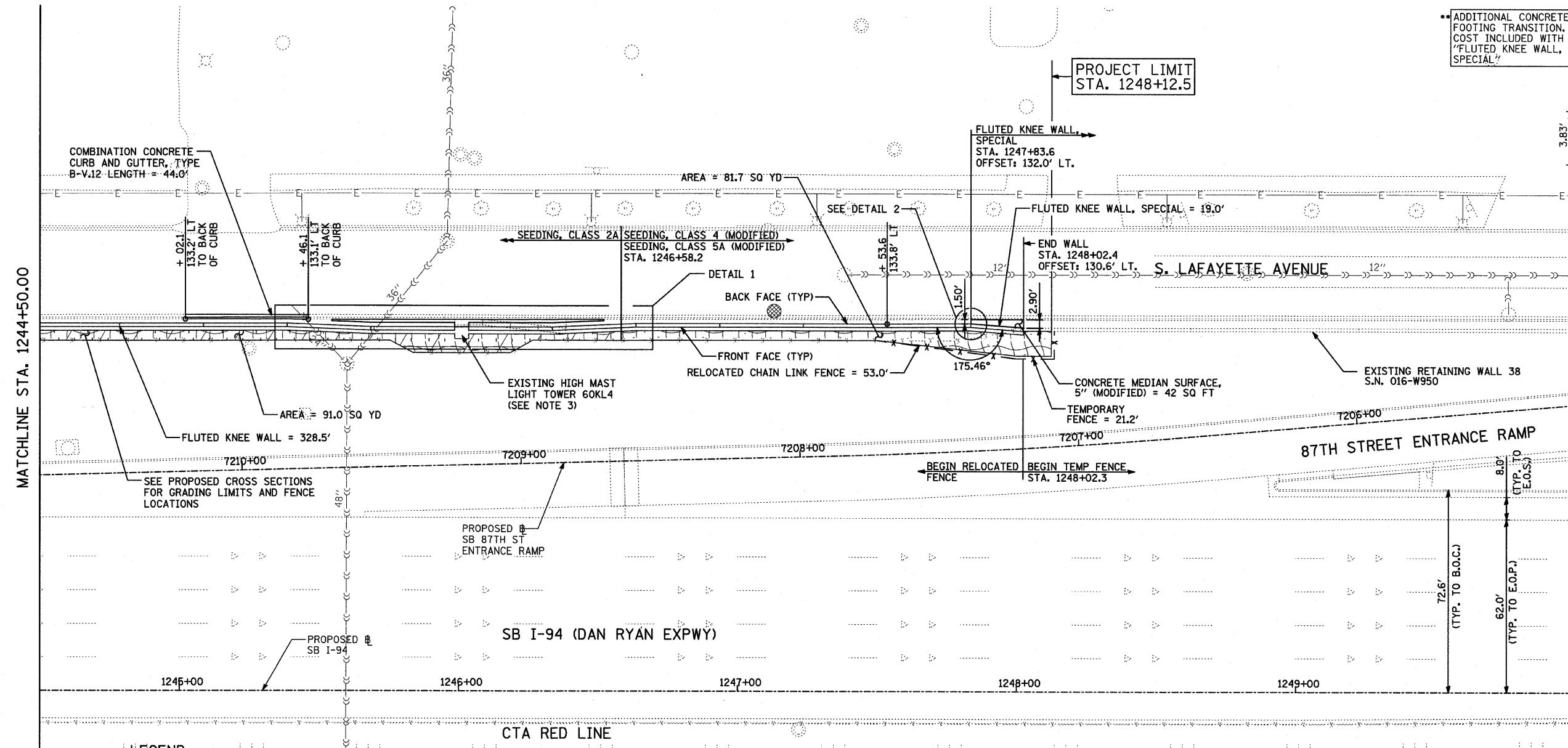
DRAWN BY: AMB, MAF  
 CHECKED BY: TGB, MI

**TYLIN** INTERNATIONAL

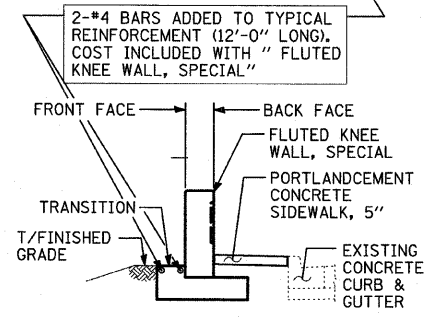
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	44	24
STA. 1216+84.45 TO STA. 1248+12.50				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
(1516.1 & 1717 I-10)		62978		

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

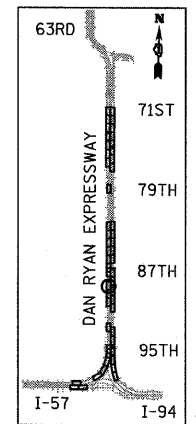


FRONT FACE ELEVATION

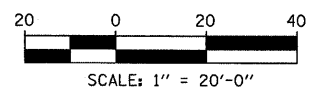


SECTION A-A

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



LOCATION MAP



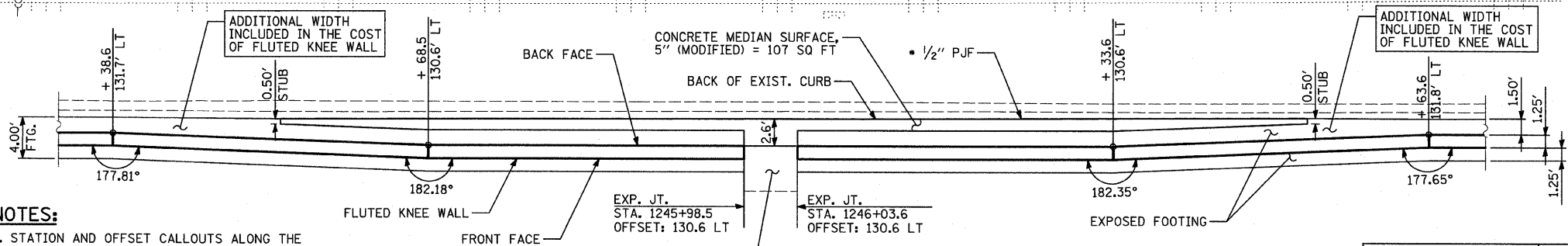
SCALE: 1" = 20'-0"

**LEGEND:**

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

**NOTES:**

- STATION AND OFFSET CALLOUTS ALONG THE LENGTH OF EITHER FLUTED KNEE WALL OR FLUTED KNEE WALL, SPECIAL ARE TAKEN FROM THE BACK 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.
- FOR DETAILS, SEE "FLUTED KNEE WALL AT HMLT" SHEET.



DETAIL 1

• COST INCLUDED WITH "CONCRETE MEDIAN SURFACE, 5" (MODIFIED)"

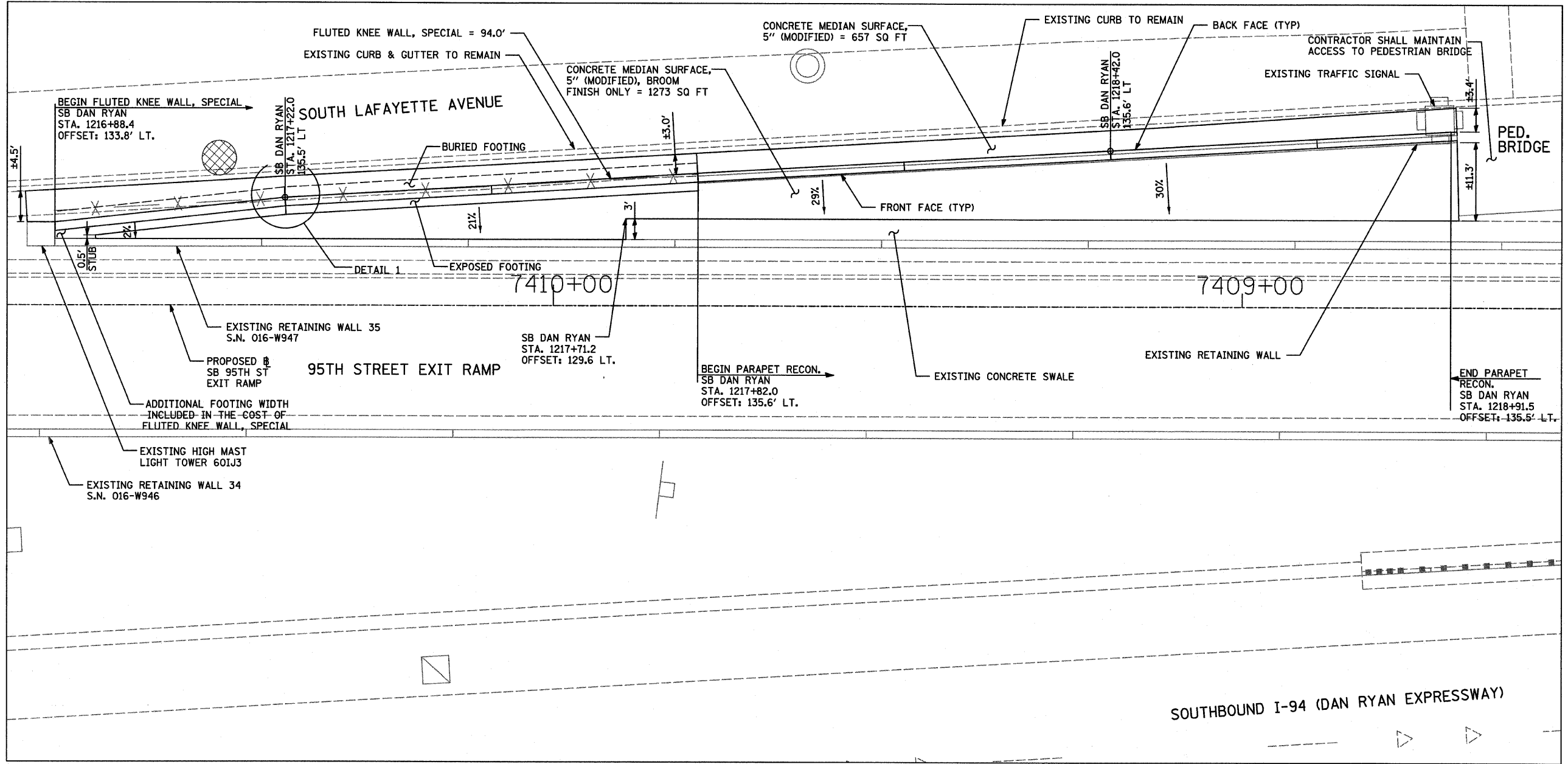
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 PROPOSED PLAN  
 SB I-94 (I-94 DAN RYAN EXPWY)  
 STA. 1244+50.00 TO STA. 1250+00.00

SCALE: 1"=20'  
 DATE: JANUARY 16, 2009

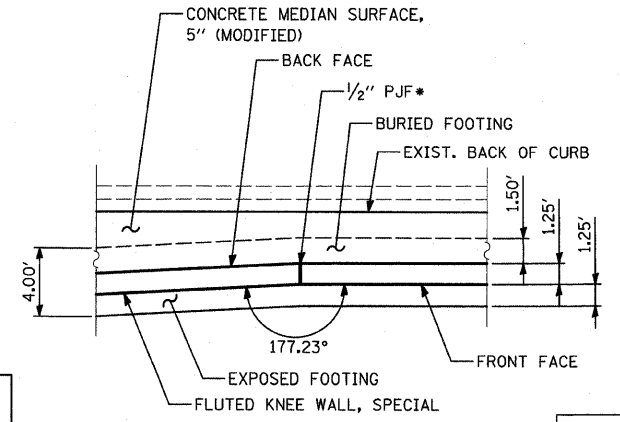
DRAWN BY: AMB, MAF, TB  
 CHECKED BY: TGB, MI





**95TH STREET EXIT RAMP DETAILS**

NOTE: CROSS SLOPES SHOWN ON THE PLANS CORRESPOND TO THOSE SHOWN IN THE PROPOSED CROSS SECTIONS.



**DETAIL 1**

\* COST INCLUDED WITH "CONCRETE MEDIAN SURFACE, 5 INCH (MODIFIED)"

**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**95TH STREET EXIT RAMP DETAILS**

SCALE: NONE  
 DATE: JANUARY 16, 2009  
 DRAWN BY: JDF  
 CHECKED BY: JPM

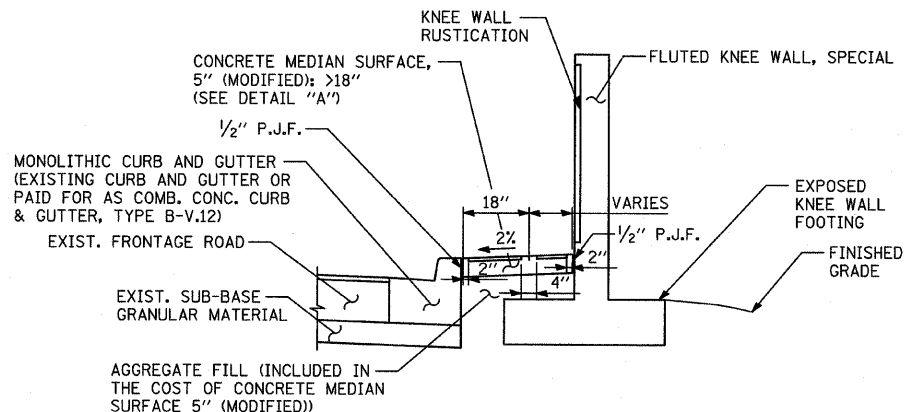
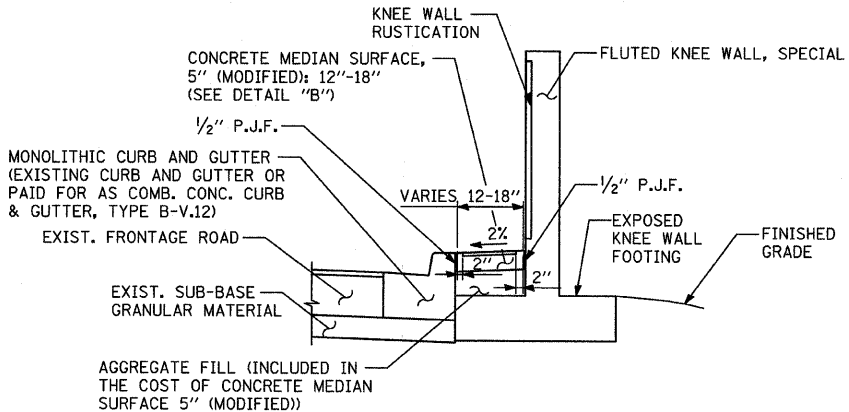
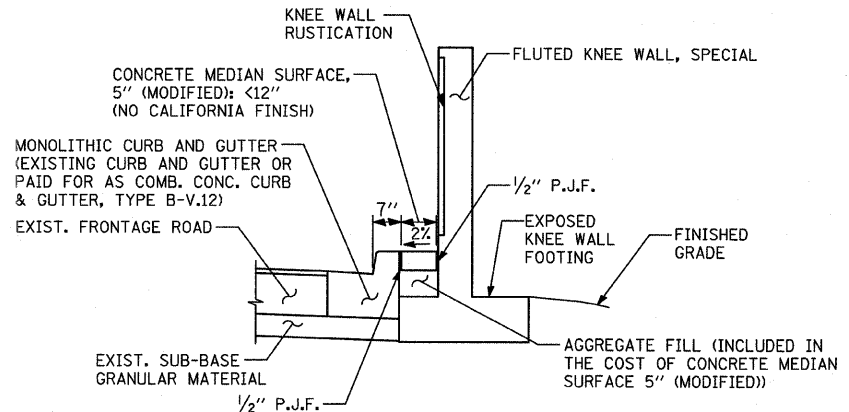
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**NOTE:**  
THIS OPTION SHALL BE USED WHEN THE CARRIAGE WALK AREA MEASURES LESS THAN 12" IN WIDTH

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

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

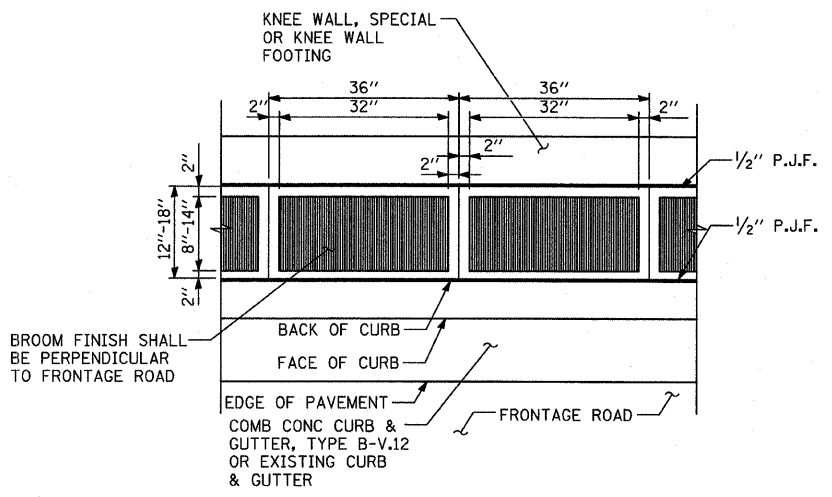
**VARIES PANEL:**  
• IF THE WIDTH IS  $\geq 4"$  THEN APPLY BROOM FINISH FLUSH TO THE KNEE WALL WITH 4" CALIFORNIA JOINT  
• IF THE WIDTH IS  $< 4"$  THEN SURFACE TO BE HARD TROWELLED (SEE DETAIL A)



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

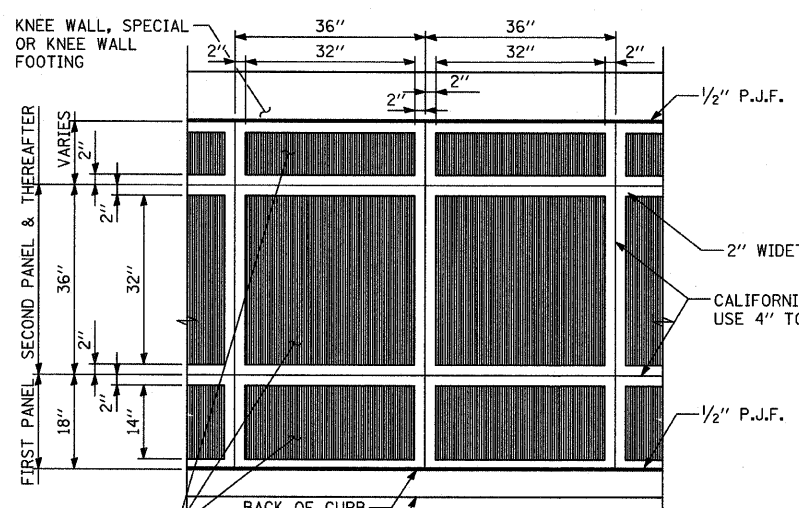
CONCRETE MEDIAN SURFACE, 5" (MODIFIED) "B"  
AREA 12"-18" WIDE

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

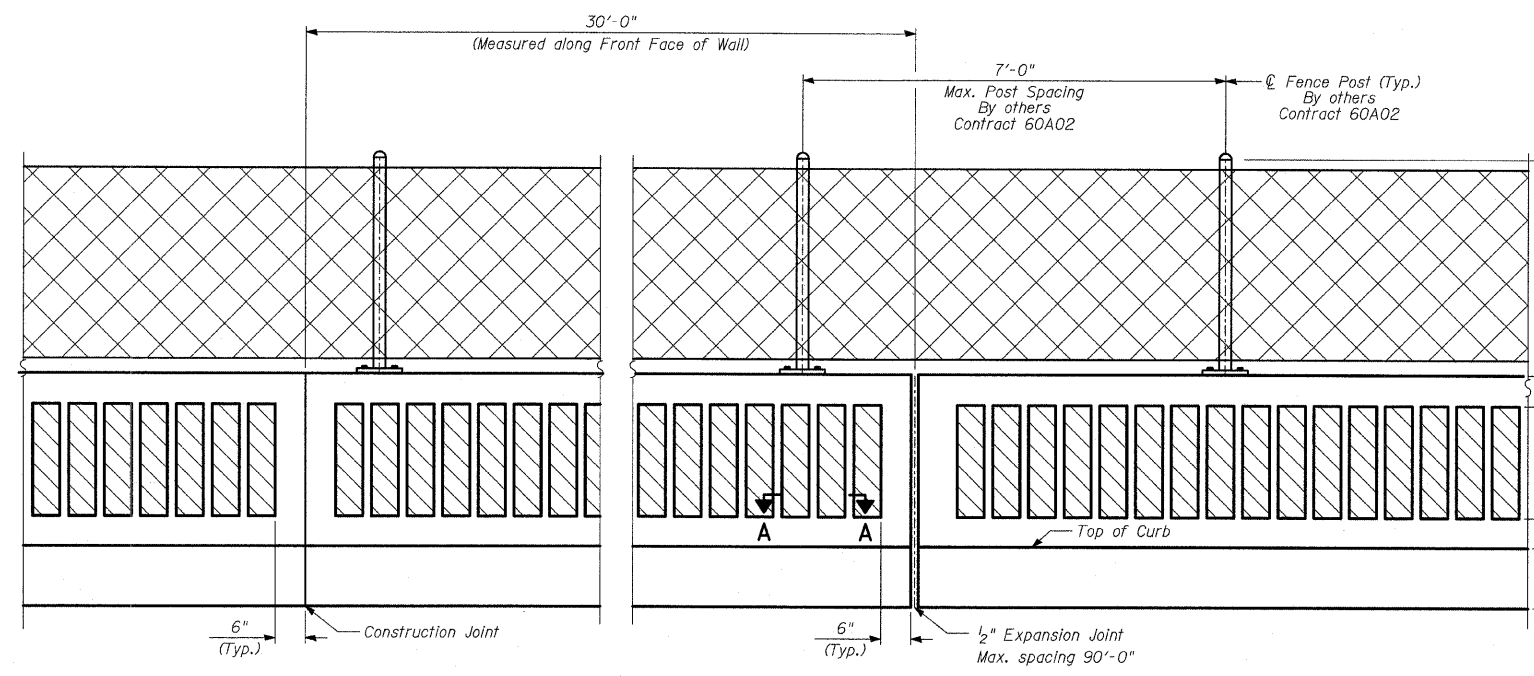


DETAIL "A": COORDINATE WITH CONC. MED. SURFACE, 5" (MODIFIED) "C"  
CALIFORNIA FINISH

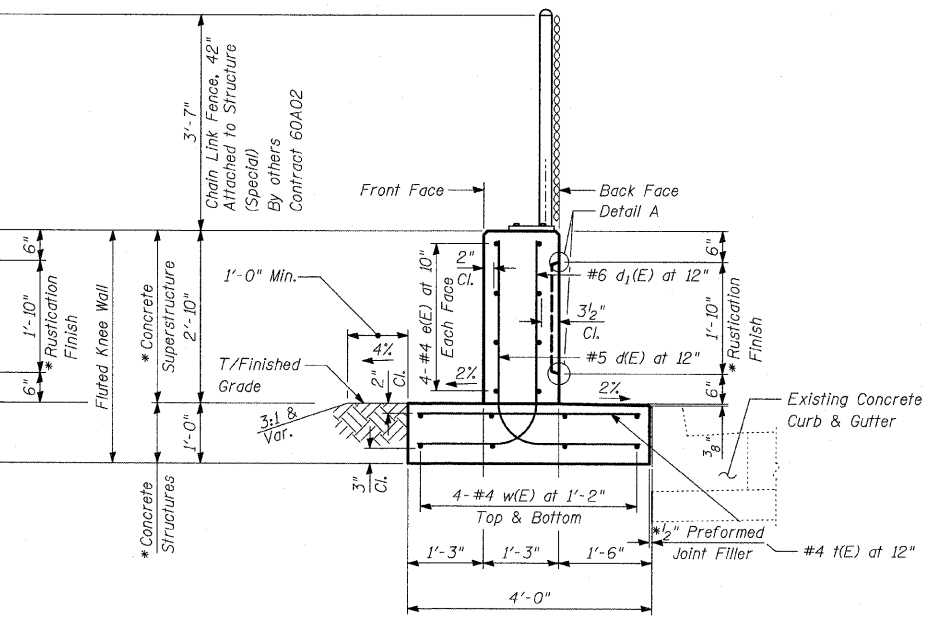
**NOTE:**  
NOT ALL ITEMS SHOWN ON THIS SHEET ARE PROPOSED. SEE PLANS FOR PROPOSED ITEMS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**CONCRETE MEDIAN SURFACE, 5" (MODIFIED) WITH CALIFORNIA FINISH DETAIL**  
S.N. DESIGNED BY:  
SCALE: NONE DRAWN BY: JDF  
DATE: JANUARY 16, 2009 CHECKED BY: JPM



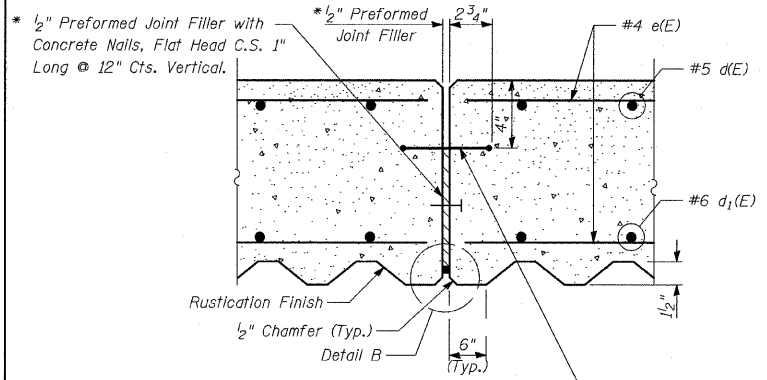
**BACK FACE ELEVATION - FLUTED KNEE WALL AND CHAIN LINK FENCE**



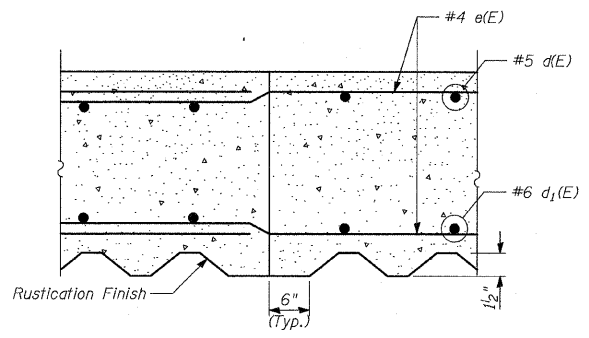
**TYPICAL SECTION FLUTED KNEE WALL**

Sta. 1239+92.61 to Sta. 1245+54.47  
Sta. 1246+52.01 to Sta. 1247+83.55

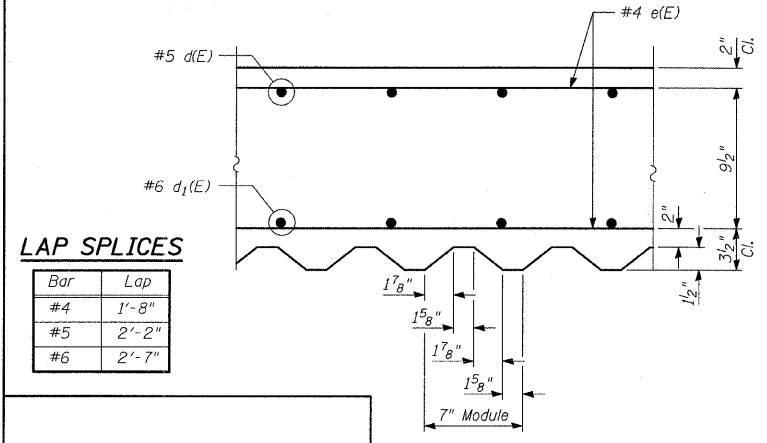
\* Cost included with "Fluted Knee Wall."



**EXPANSION JOINT DETAILS**

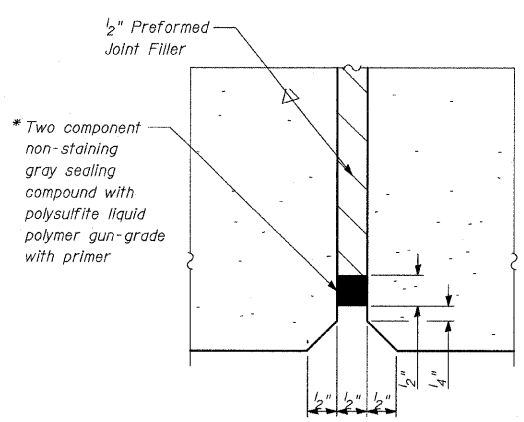


**CONSTRUCTION JOINT DETAILS**

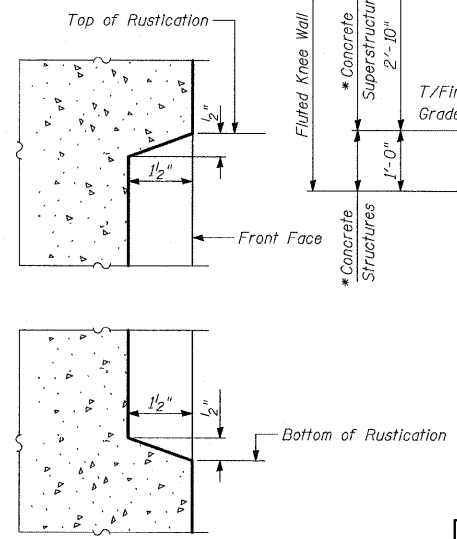


**TYLIN INTERNATIONAL**

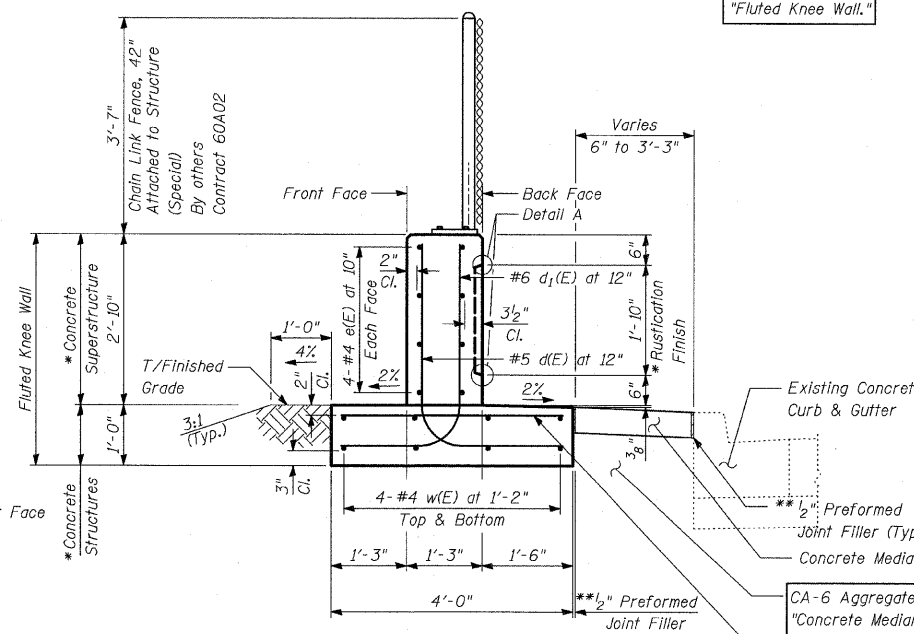
**SECTION A-A**



**DETAIL B**



**DETAIL A**



**TYPICAL SECTION FLUTED KNEE WALL**

Sta. 1235+45.54 to Sta. 1236+27.13  
Sta. 1237+24.18 to Sta. 1238+09.38  
Sta. 1239+58.52 to Sta. 1239+92.61  
Sta. 1245+54.47 to Sta. 1246+52.01

**BILL OF MATERIAL**

QUANTITIES PER 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	27.9

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
FLUTED KNEE WALL ALONG LAFAYETTE AVE.  
S. OF 93RD ST. TO S. OF 88TH ST.  
FLUTED KNEE WALL STANDARD DETAILS

S.N. DESIGNED BY: MAF  
SCALE: N.T.S. DRAWN BY: MAF, TB  
DATE: JANUARY 16, 2009 CHECKED BY: MI

**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 Superstructures" stem, "Concrete Structures" 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 1/2" Thick Preformed Expansion Joint Filler Conforming to the Shape of the Structure Shall be Installed Between the Wall and the Structure. A 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) 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 60A02.
- 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 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.

\*\* Cost included with "Concrete Median Surface, 5" (Modified)"

\*\* 1/2" Preformed Joint Filler (Typ.)

Concrete Median Surface, 5" (Modified)

CA-6 Aggregate Fill. Cost included with "Concrete Median Surface, 5" (Modified)"

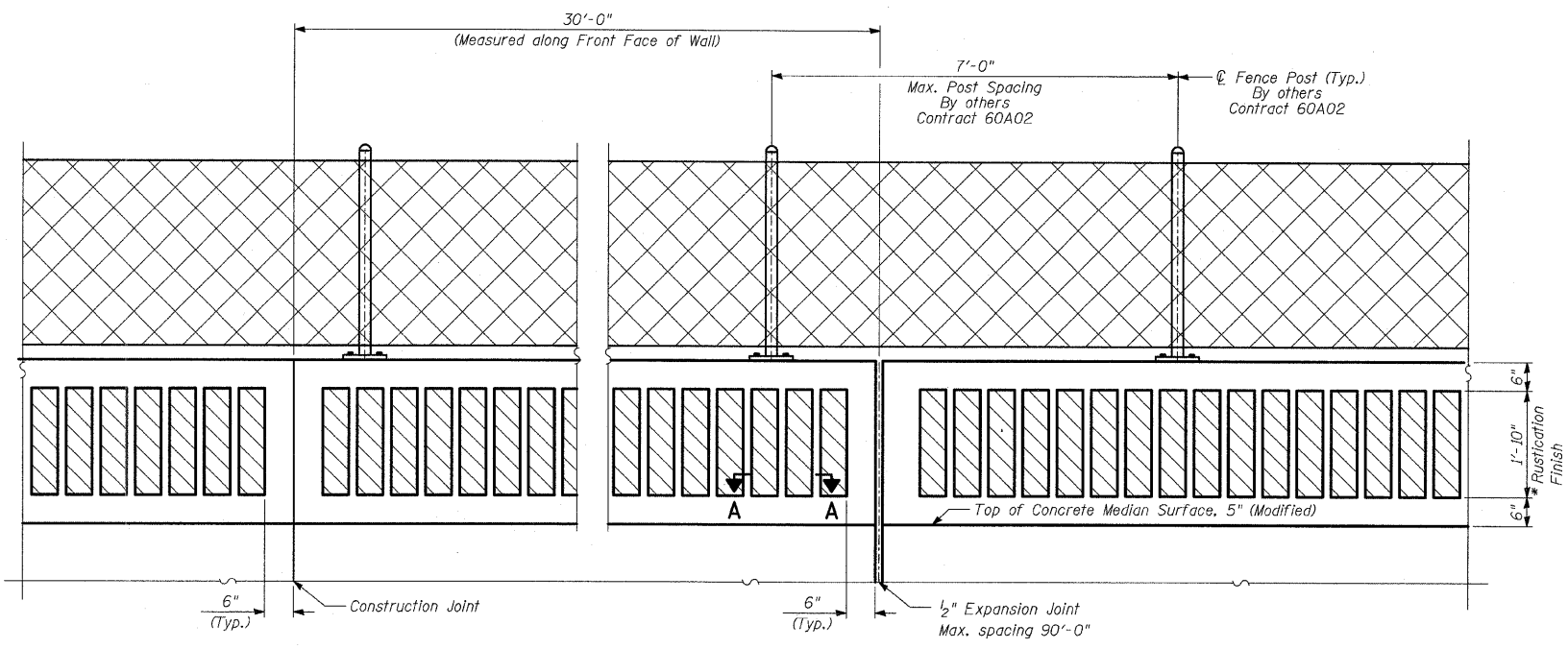
\*\* 1/2" Preformed Joint Filler

#4 t(E) at 12"

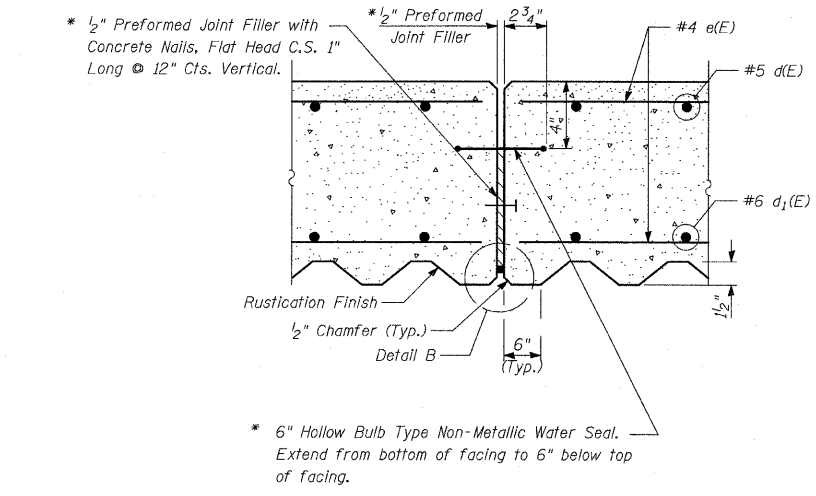
**BARS d(E) & d1(E)**

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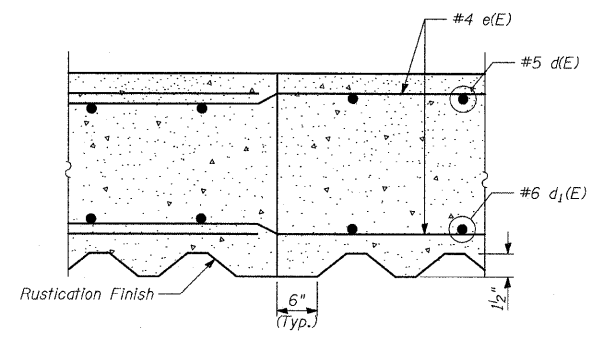
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	44	28
STA. 1216+84.45		TO STA. 1248+12.50		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*(1516.1 & 1717 I-10)		62978		



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



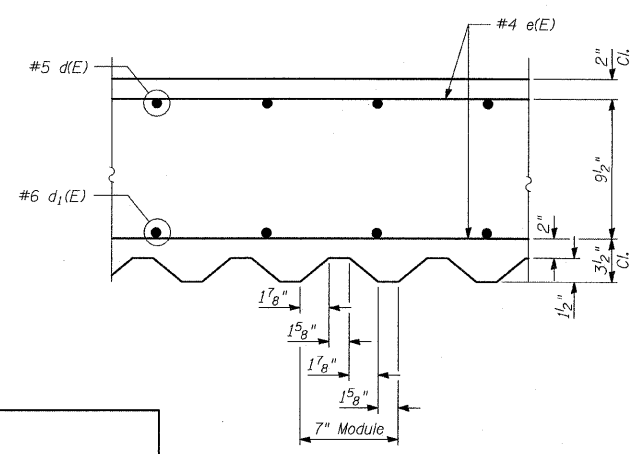
**EXPANSION JOINT DETAILS**



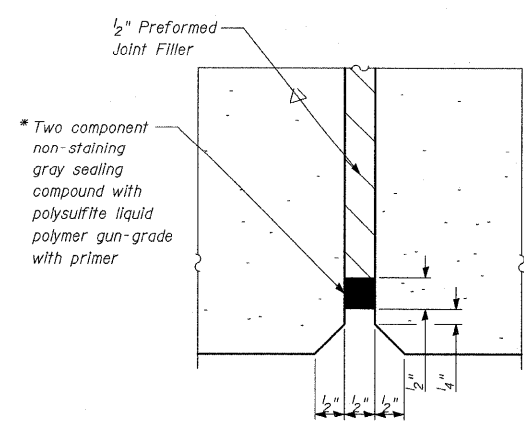
**CONSTRUCTION JOINT DETAILS**

**LAP SPLICES**

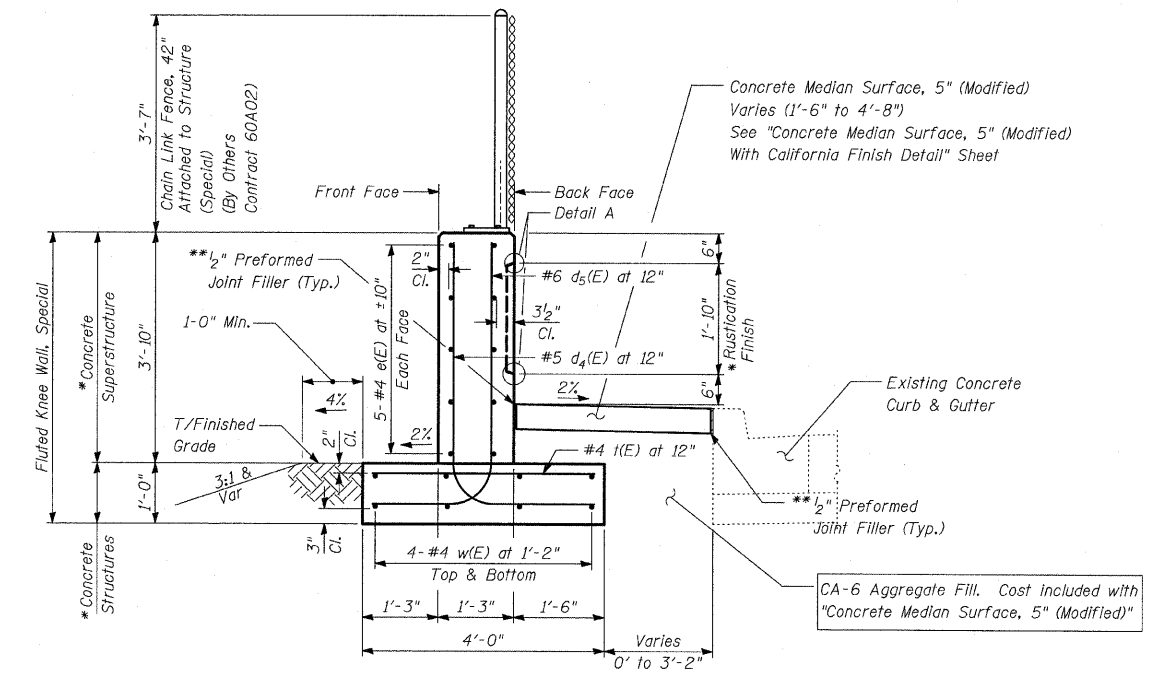
Bar	Lap
#4	1'-8"
#5	2'-2"
#6	2'-7"



**SECTION A-A**

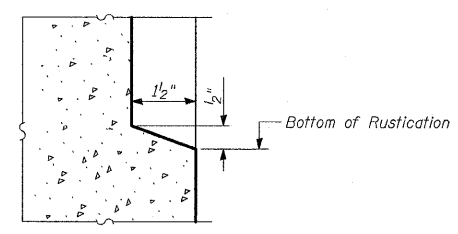
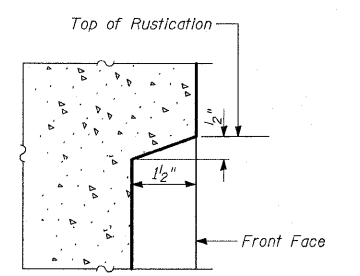


**DETAIL B**



**TYPICAL SECTION FLUTED KNEE WALL, SPECIAL**

Sta. 1216+88.41 to Sta. 1217+81.97  
 Sta. 1235+15.56 to Sta. 1235+45.54  
 Sta. 1247+83.55 to Sta. 1248+02.43



**DETAIL A**

**BILL OF MATERIAL**

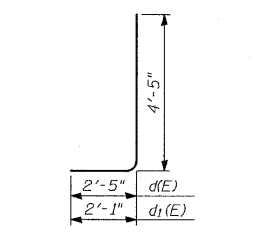
**QUANTITIES PER FOOT OF FLUTED KNEE WALL, SPECIAL**

ITEM	UNIT	TOTAL
Concrete Structures	CU YD	0.15
Concrete Superstructure	CU YD	0.18
Protective Coat	SQ YD	1.01
Rustication Finish	SQ FT	1.84
Reinforcement Bars, Epoxy Coated	POUND	31.8

**NOTES:**

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

\* Cost included with "Fluted Knee Wall, Special."  
 \*\* Cost included with "Concrete Median Surface, 5" (Modified)"



**BARS d4(E) & d5(E)**

**REVISIONS**

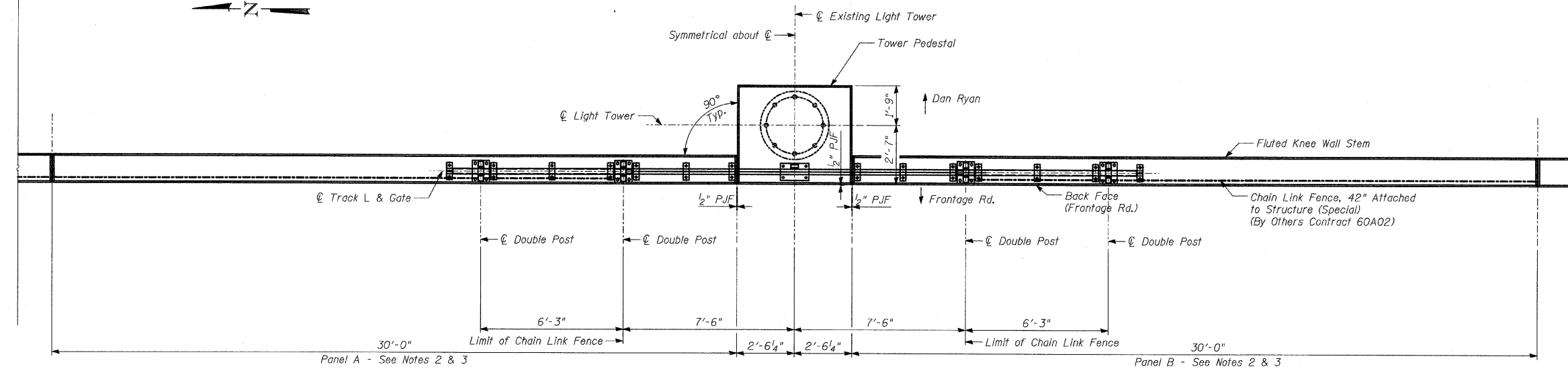
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 FLUTED KNEE WALL, SPECIAL  
 ALONG LAFAYETTE AVE.  
 S. OF 93RD ST. TO S. OF 88TH ST.  
 FLUTED KNEE WALL, SPECIAL STANDARD DETAILS  
 S.N. DESIGNED BY: MAF  
 SCALE: N.T.S. DRAWN BY: MAF, TB  
 DATE: JANUARY 16, 2009 CHECKED BY: MI

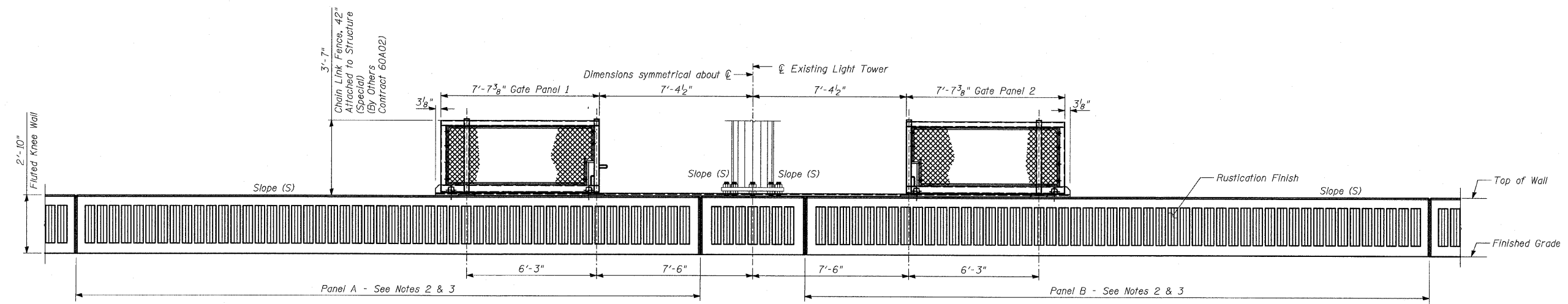
**TYLIN INTERNATIONAL**

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA. 1216+84.45		TO STA. 1248+12.50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*(1516.1 & 1717 1-10)				62978



PLAN - LIMITS OF CHAIN LINK GATE ASSEMBLY IN OPEN POSITION



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

**NOTES:**

1. The Chain Link Gate Assembly (Special), and the Chain Link Gate (Special) are not included in this contract, but shall be furnished and installed by others in Contract 60A02.
2. Panels A & B shall be constructed to be aligned with the Back Face of existing High Mast Light Tower (HMLT).
3. The Slope (S) at the top of panels A & B and the HMLT foundation shall be the same.

**TYLIN** INTERNATIONAL

REVISIONS	
NAME	DATE

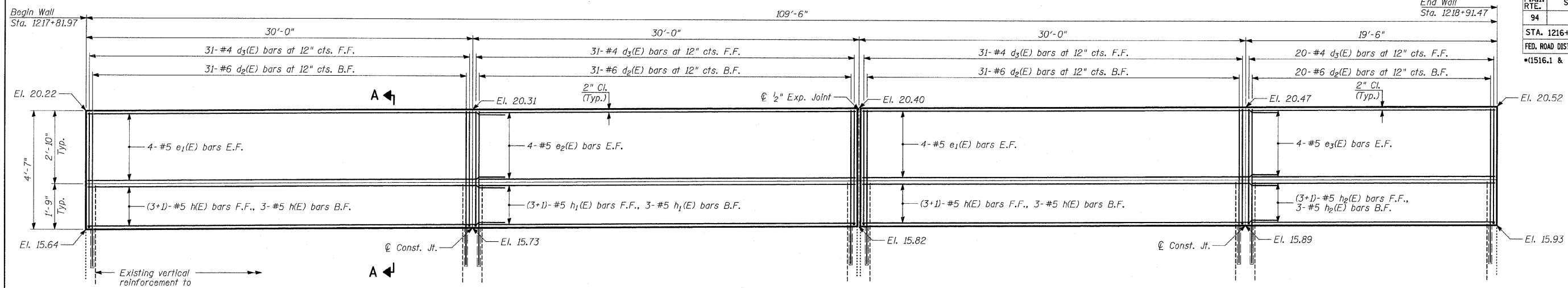
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**FLUTED KNEE WALL ALONG LAFAYETTE AVE.**  
**S. OF 93RD ST. TO S. OF 88TH ST.**  
**FLUTED KNEE WALL AT HMLT**

S.N.  
SCALE: N.T.S.  
DATE: JANUARY 16, 2009

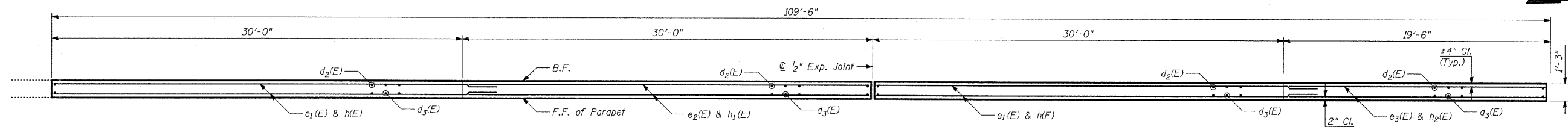
DESIGNED BY: MAF  
DRAWN BY: MAF  
CHECKED BY: MI

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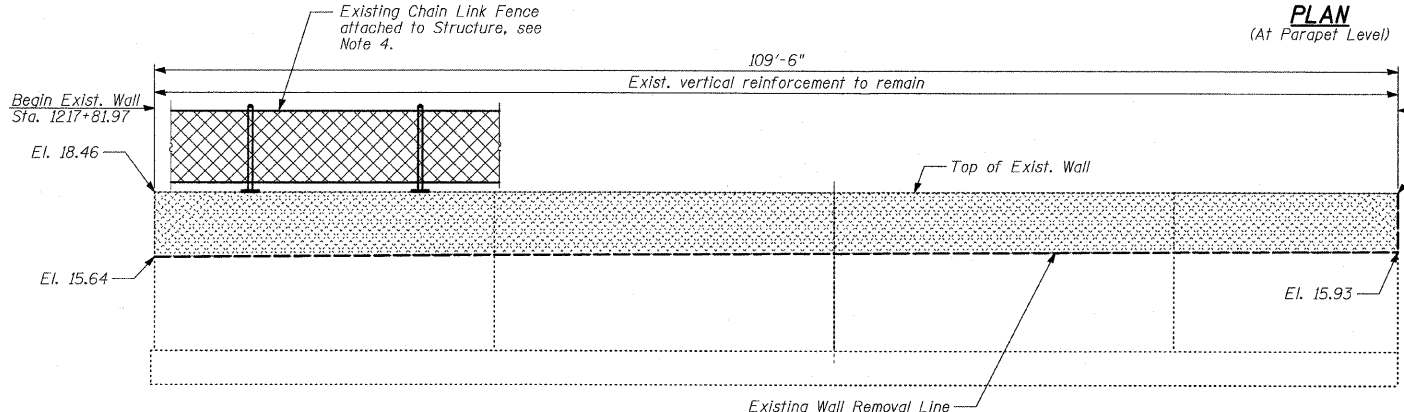
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FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
•(1516.1 & 1717 1-10)		62978		



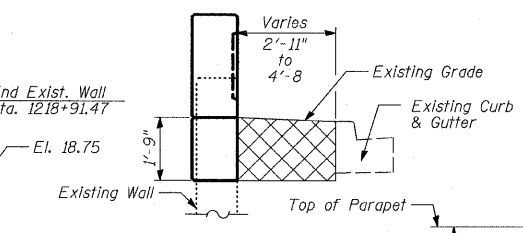
**FRONT FACE ELEVATION - FLUTED PARAPET**



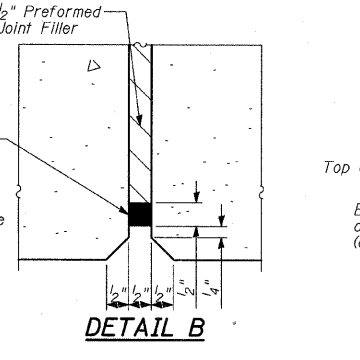
**PLAN**  
(At Parapet Level)



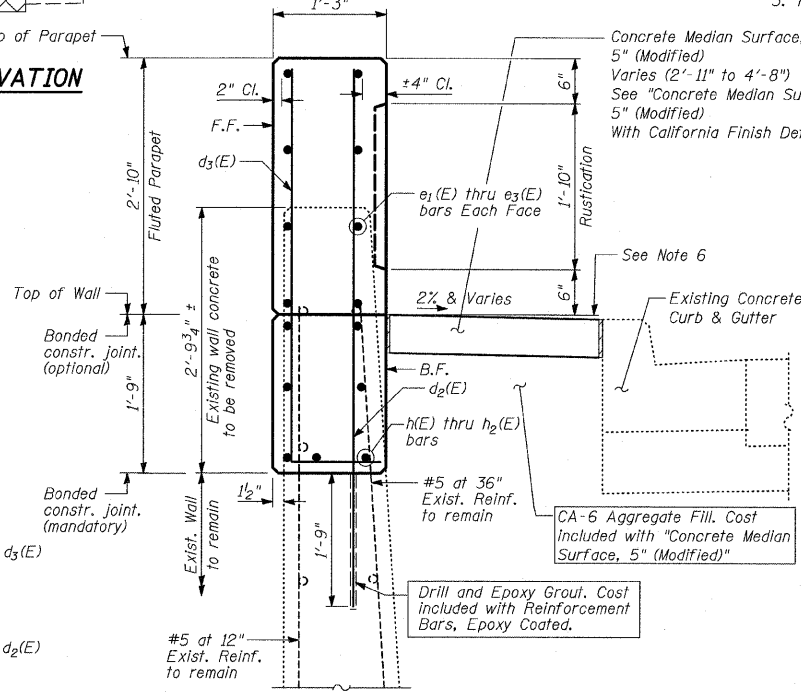
**LIMITS OF REMOVAL OF EXISTING STRUCTURE**



**STRUCTURE EXCAVATION**



**DETAIL B**



**SECTION A-A**

(Sta. 1217+81.97 to Sta. 1218+91.47)

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

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
d2(E)	113	#6	6'-2"	—
d3(E)	113	#4	5'-3"	L
e1(E)	16	#5	32'-2"	—
e2(E)	8	#5	29'-8"	—
e3(E)	8	#5	19'-2"	—
h(E)	14	#5	32'-2"	—
h1(E)	7	#5	29'-8"	—
h2(E)	7	#5	19'-2"	—
Concrete Removal			CU YD	13
Structure Excavation			CU YD	27
Concrete Superstructure			CU YD	24
Protective Coat			SQ YD	106
Rustication Finish			SQ FT	199
Reinforcement Bars, Epoxy Coated			POUND	3,220

Reinforcement bars designated (E) shall be epoxy coated.

**LAP SPLICES**

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

**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". The existing horizontal bars shall be removed as required.
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 Kneewall 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 3/8" higher than the top of Existing Curb to account for future settlement.
7. All existing wall elevations shown are to be verified in the field.
8. Protective Coat shall be applied to all exposed Fluted Knee Wall surface.

**LEGEND**

- Concrete Removal
- Structure Excavation

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**TYPICAL CROSS-SECTION**

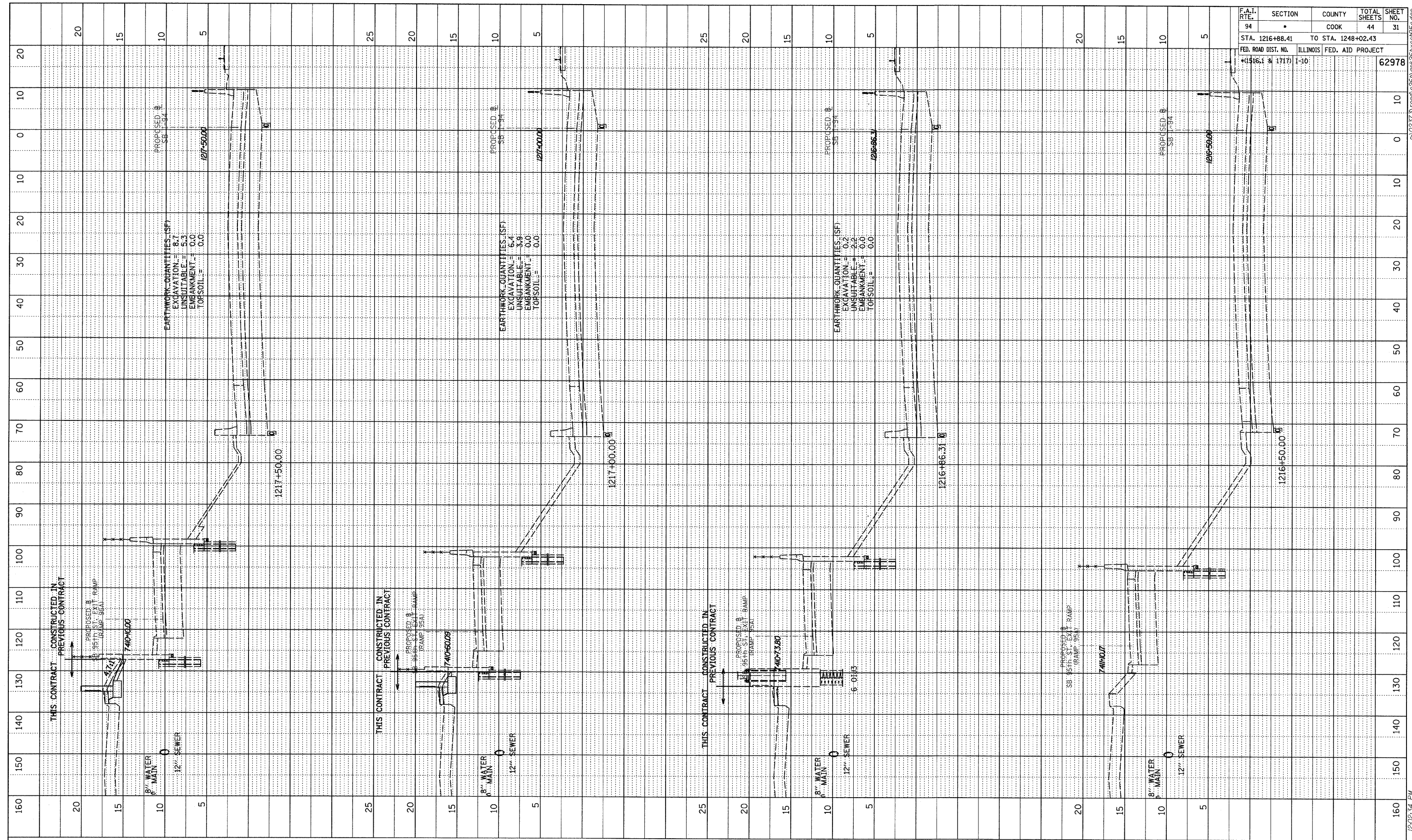
**EXPANSION JOINT DETAILS**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**PARAPET RECONSTRUCTION**  
**ALONG LAFAYETTE AVE. TO S. OF 93RD STREET**  
**PLAN AND ELEVATION**  
**STA. 1217+82.00 TO STA. 1218+91.50**  
 S.N. DESIGNED BY: MI, TB  
 SCALE: N.T.S. DRAWN BY: TB  
 DATE: JANUARY 16, 2009 CHECKED BY: MI

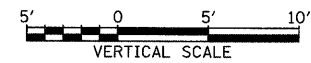
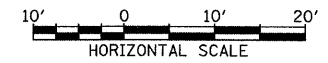
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PROFILE SURVEYED	BY	DATE
NOTE BOOK		
NO.		



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA. 1216+88.41		TO STA. 1248+02.43		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		62978
(1516.1 & 1717)		1-10		

**TYLIN** INTERNATIONAL

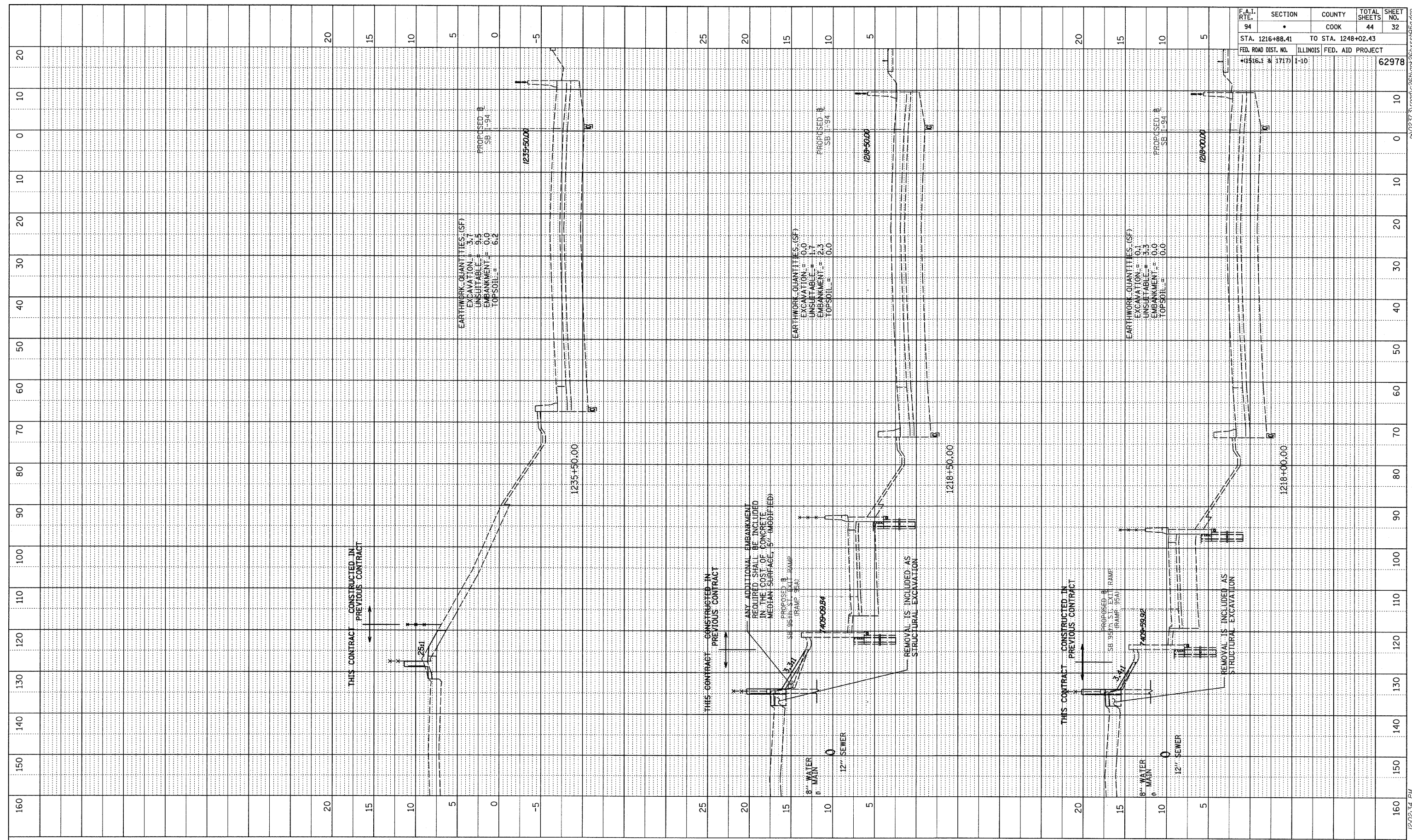


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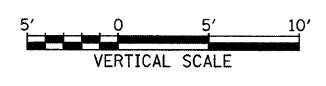
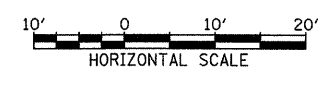
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA. 1216+88.41		TO STA. 1248+02.43		
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*(1516.1 & 1717)		1-10:		62978



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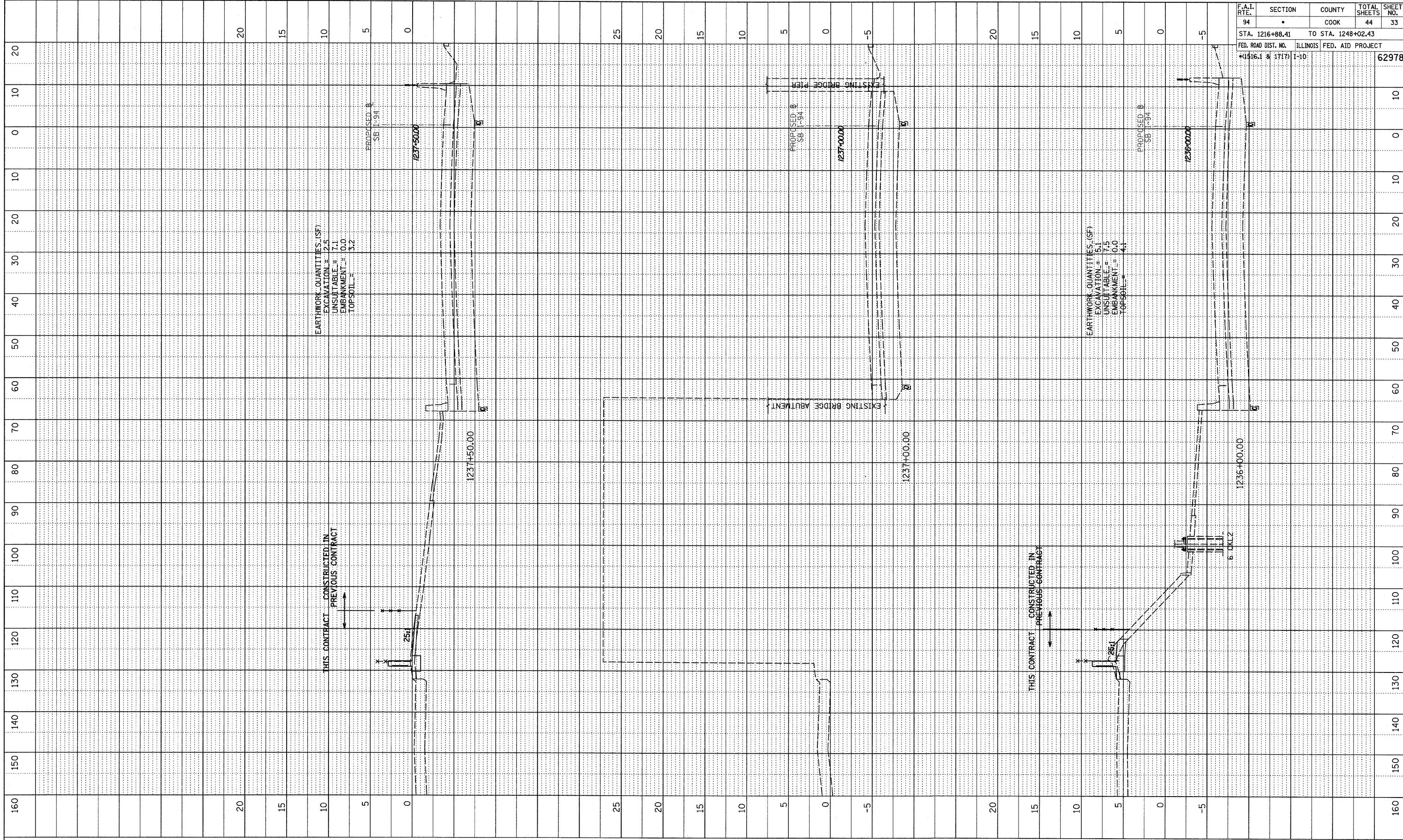


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STA. 1217+50 TO STA. 1218+50

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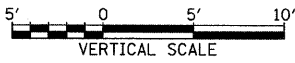


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STA. 1216+88.41		TO STA. 1248+02.43		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
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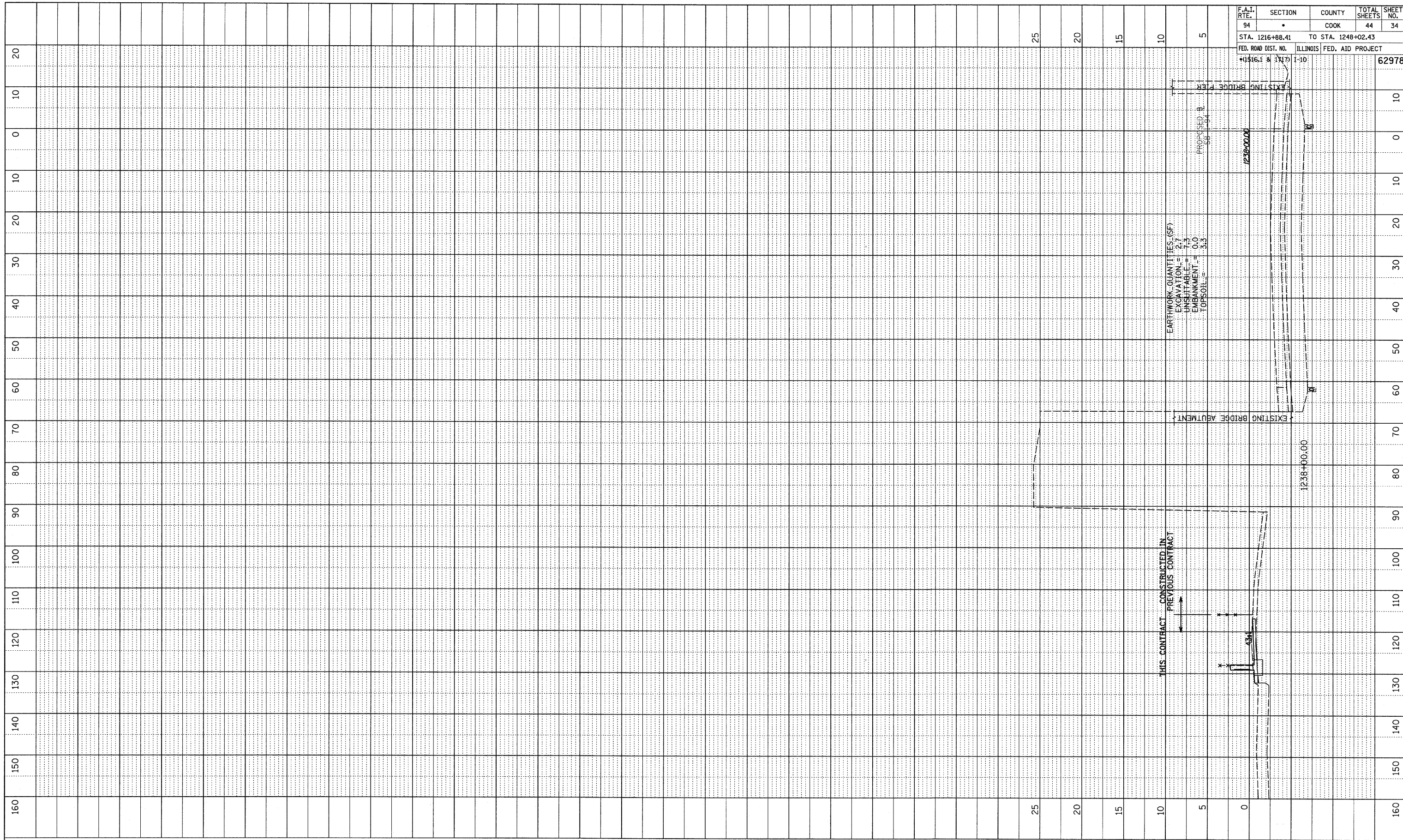
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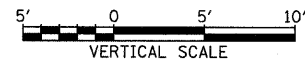
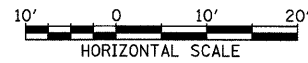
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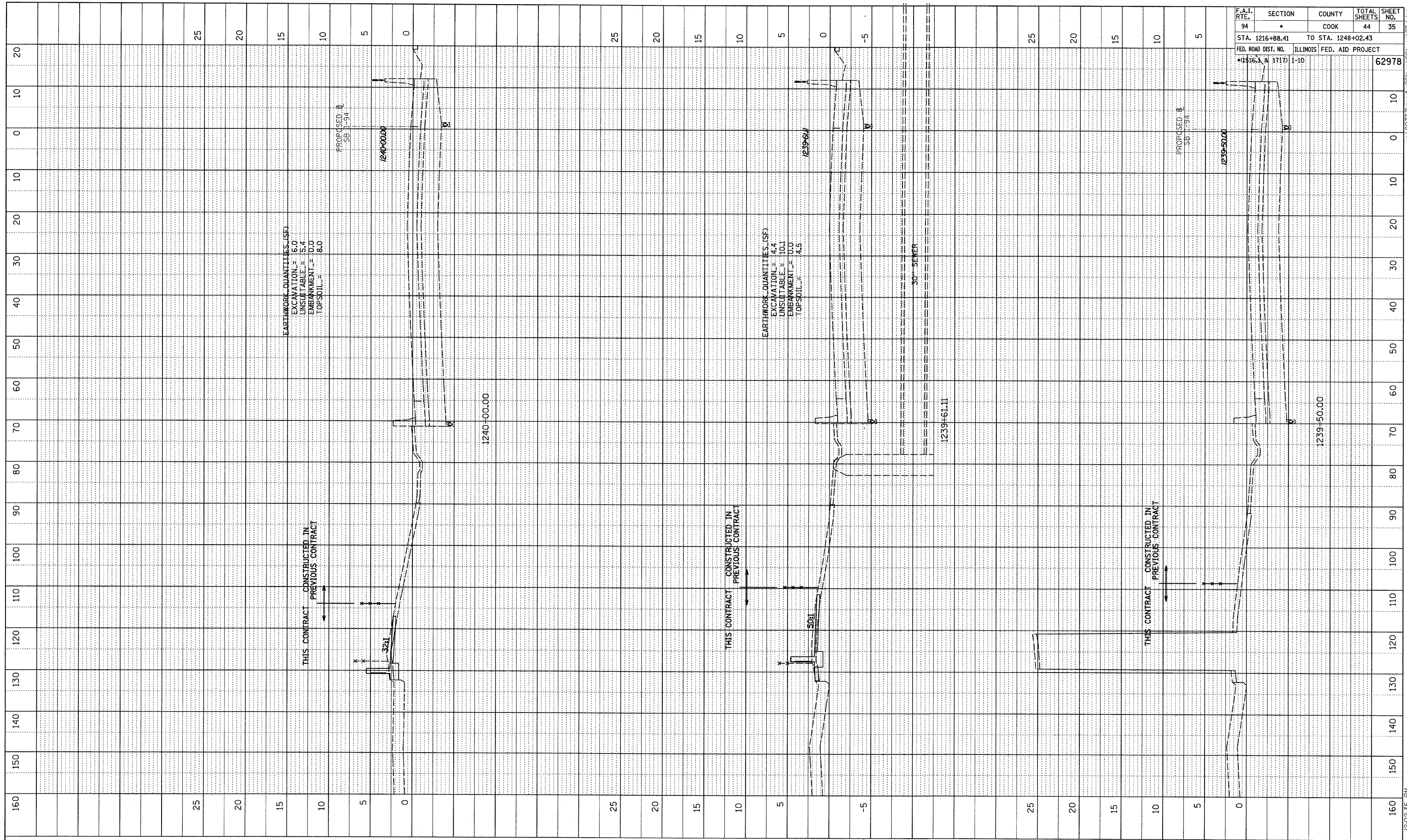


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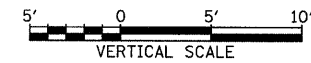
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NOTE BOOK	PLOTTED	BY
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	STRUCTURE	NOTATION
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STA. 1216+88.41		TO STA. 1248+02.43		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
1516A & 1717	I-10			62978



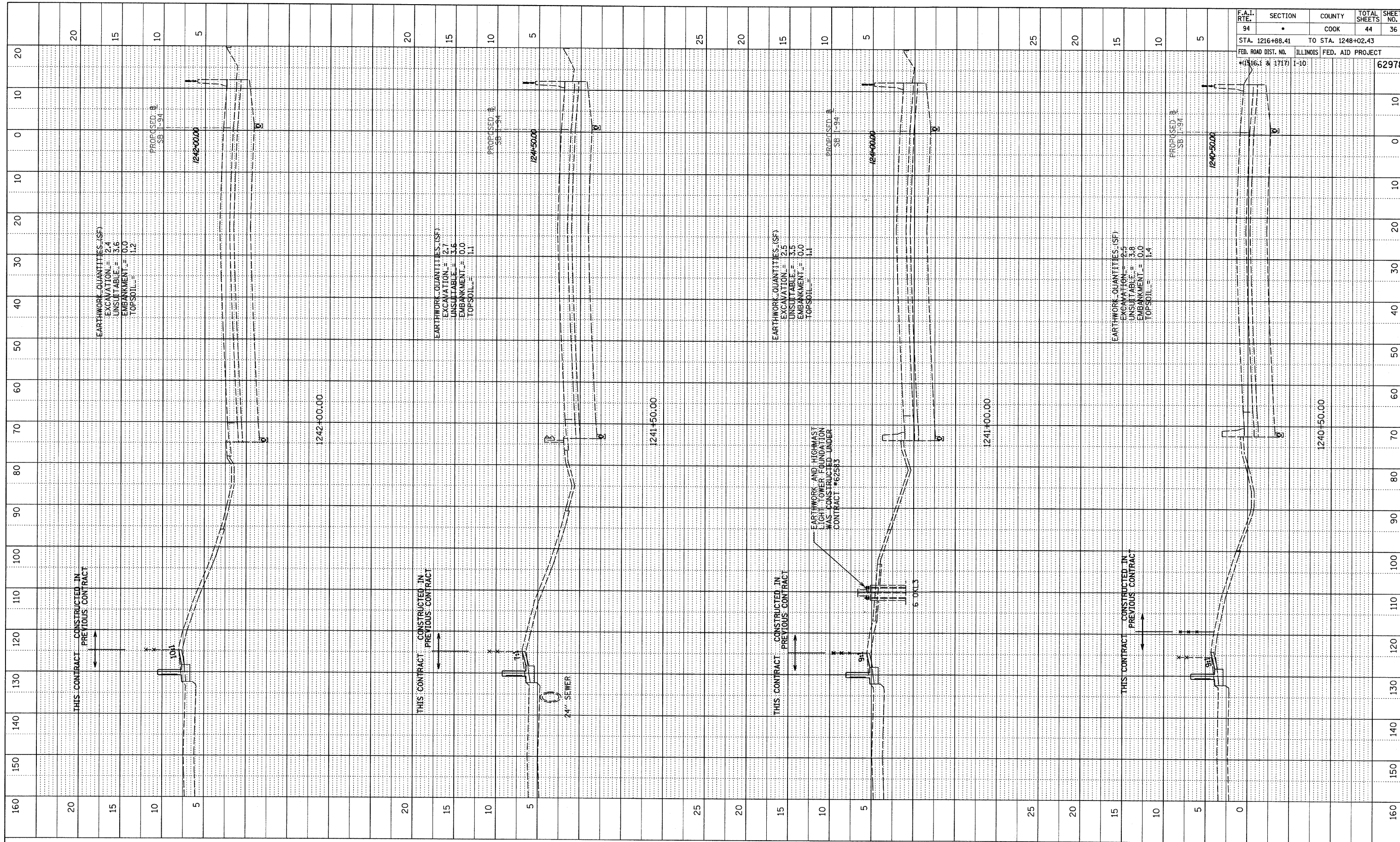
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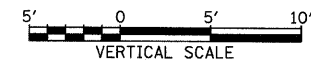
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 NO. STRUCTURE NOTATIONS CHKD



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	44	36
STA. 1216+88.41 TO STA. 1248+02.43				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* (1516.1 & 1717) I-10		62978		

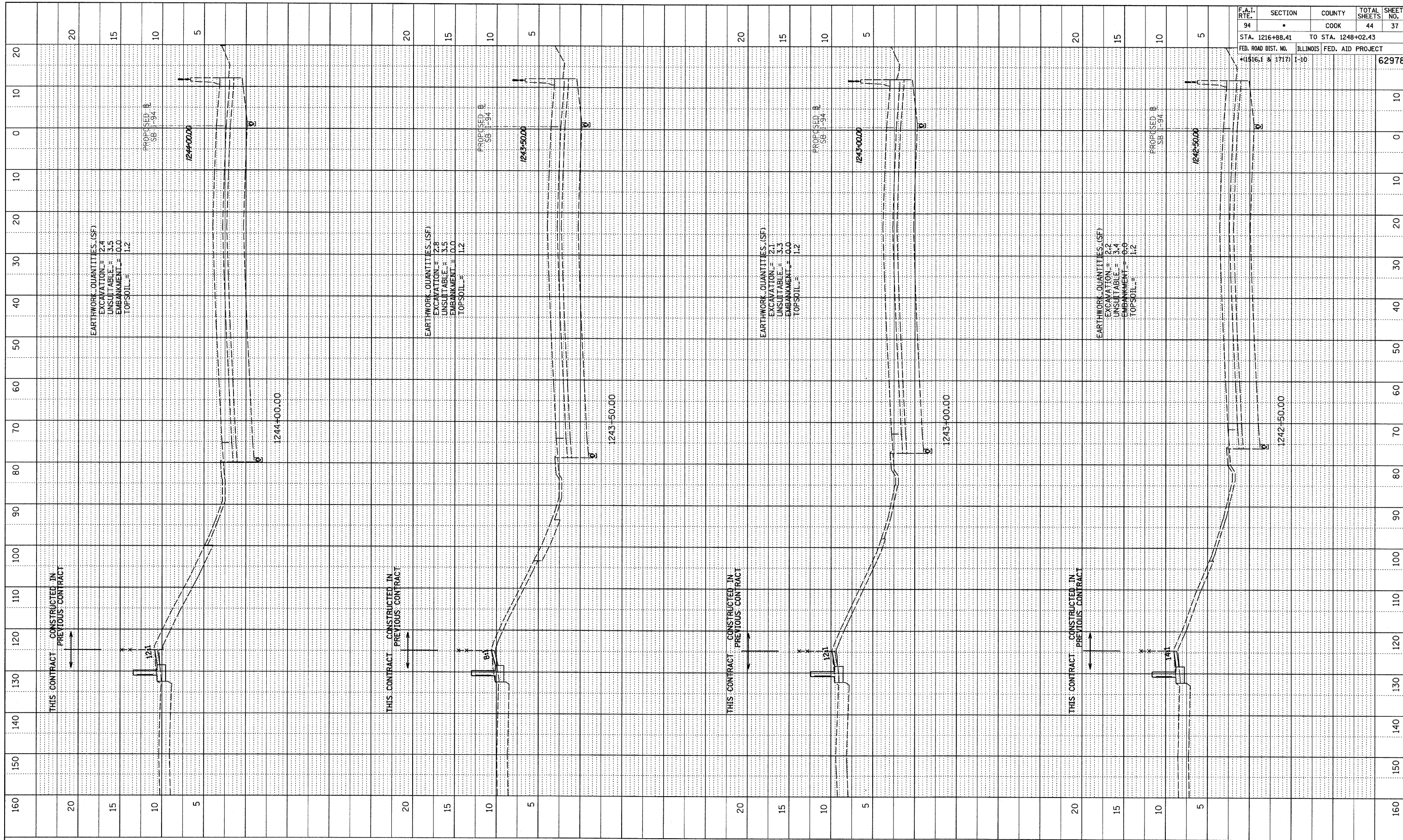
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SB I-94 (DAN RYAN EXPRESSWAY)  
 STA. 1240+50 TO STA. 1242+00

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F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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+1516.1 & 1717		1-10		62978

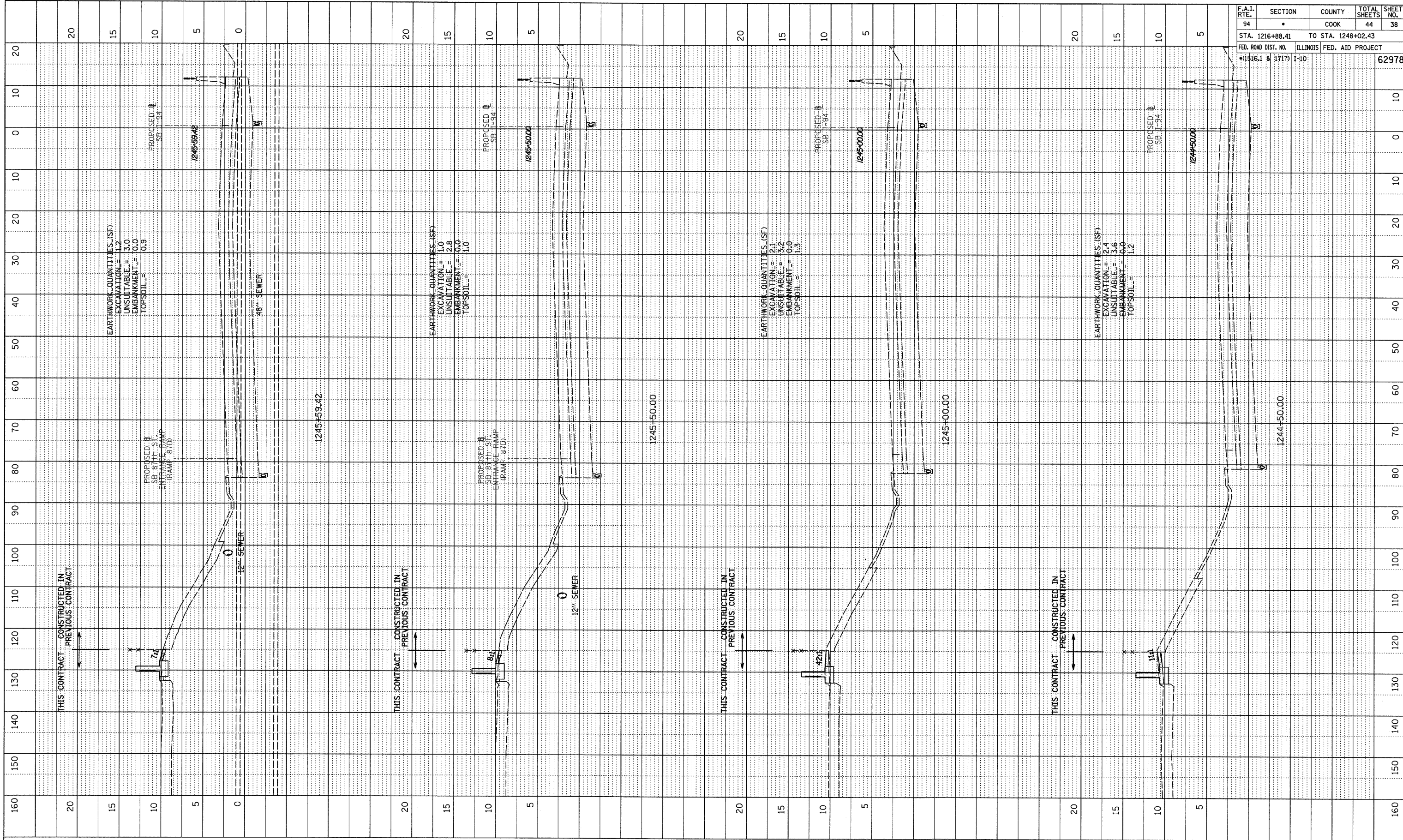
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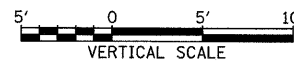
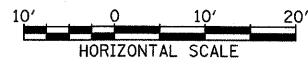
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	DATE		
	STRUCTURE		
	NOTATIONS		
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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*(1516.1 & 1717)		I-10		62978

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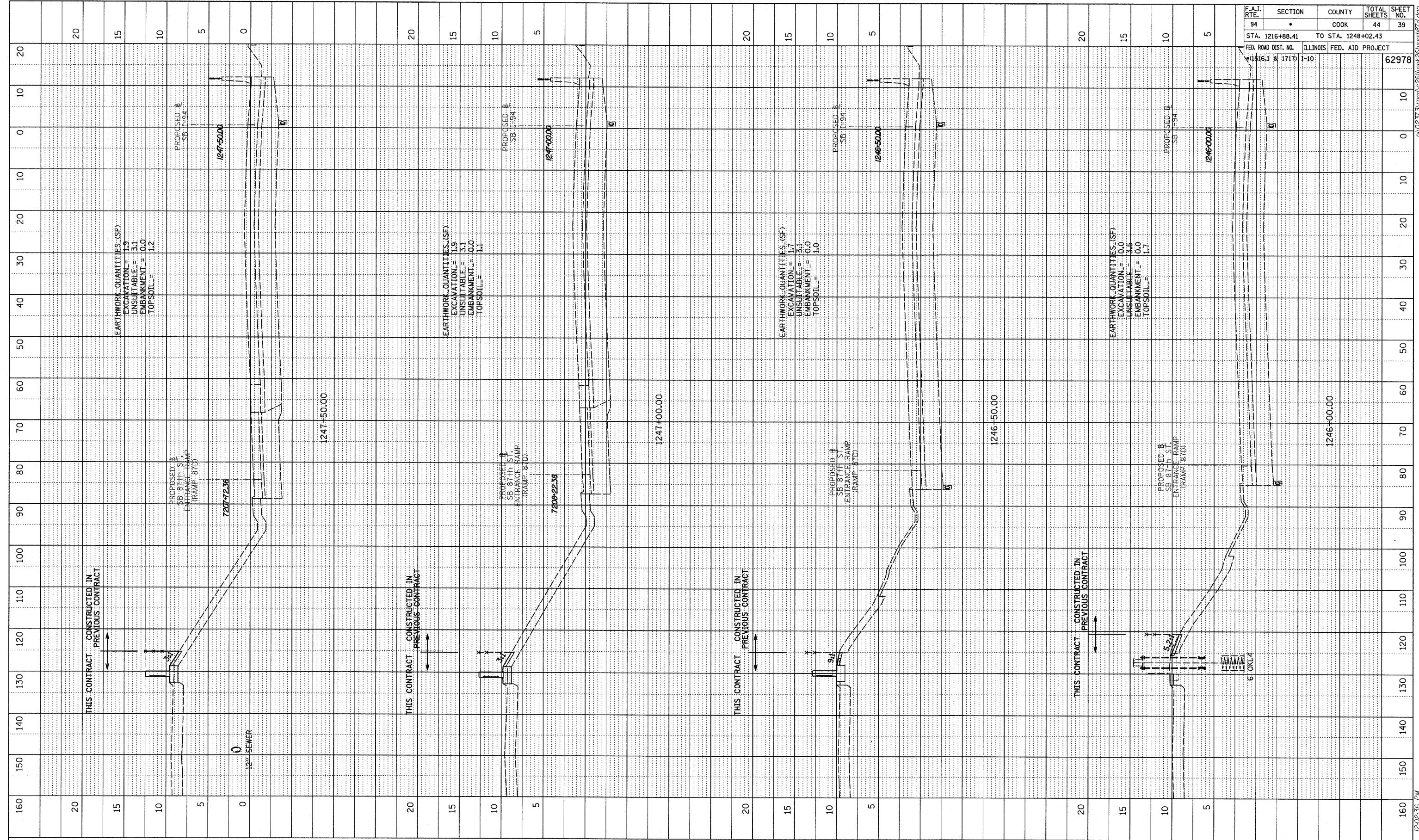


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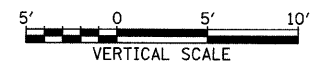
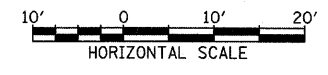
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PROFILE	DATE
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NO. 83	
NO. 84	
NO. 85	
NO. 86	
NO. 87	
NO. 88	
NO. 89	
NO. 90	
NO. 91	
NO. 92	
NO. 93	
NO. 94	
NO. 95	
NO. 96	
NO. 97	
NO. 98	
NO. 99	
NO. 100	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	44	39
STA. 1216+88.41	TO STA. 1248+02.43			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(1516.1 & 1717)	1-10:		62978	



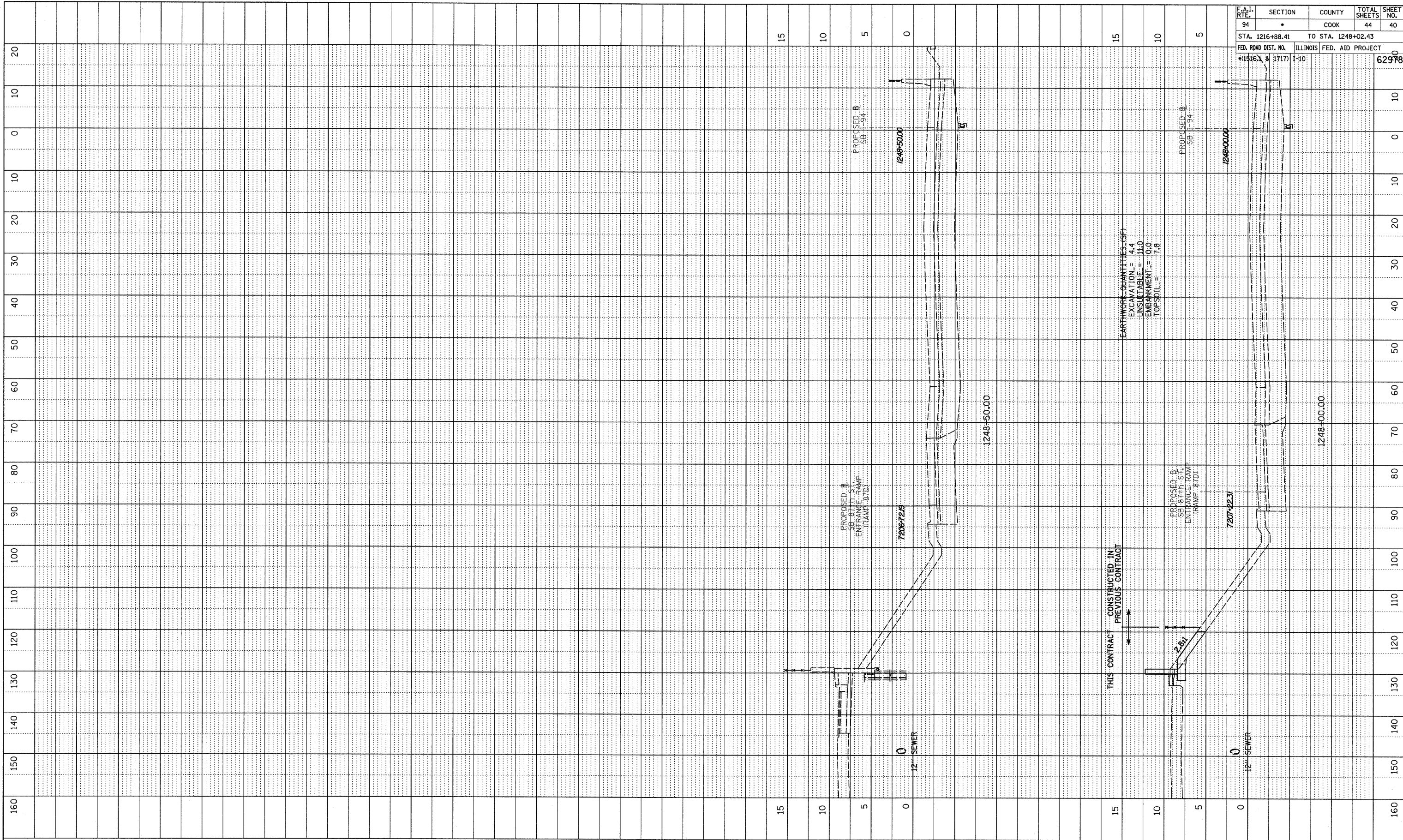
**TYLIN** INTERNATIONAL



SB I-94 (DAN RYAN EXPRESSWAY)  
STA. 1246+00 TO STA. 1247+50

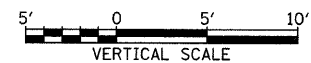
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PROFILE	SUBMITTED	BY	DATE
NOTE BOOK	DESIGNED		
NO.	CHECKED		
	S.A.M. NOTED		
	STRUCTURE NOTATIONS CHRD		



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	44	40
STA. 1216+88.41		TO STA. 1248+02.43		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*(1516) & (1717) I-10		62978		

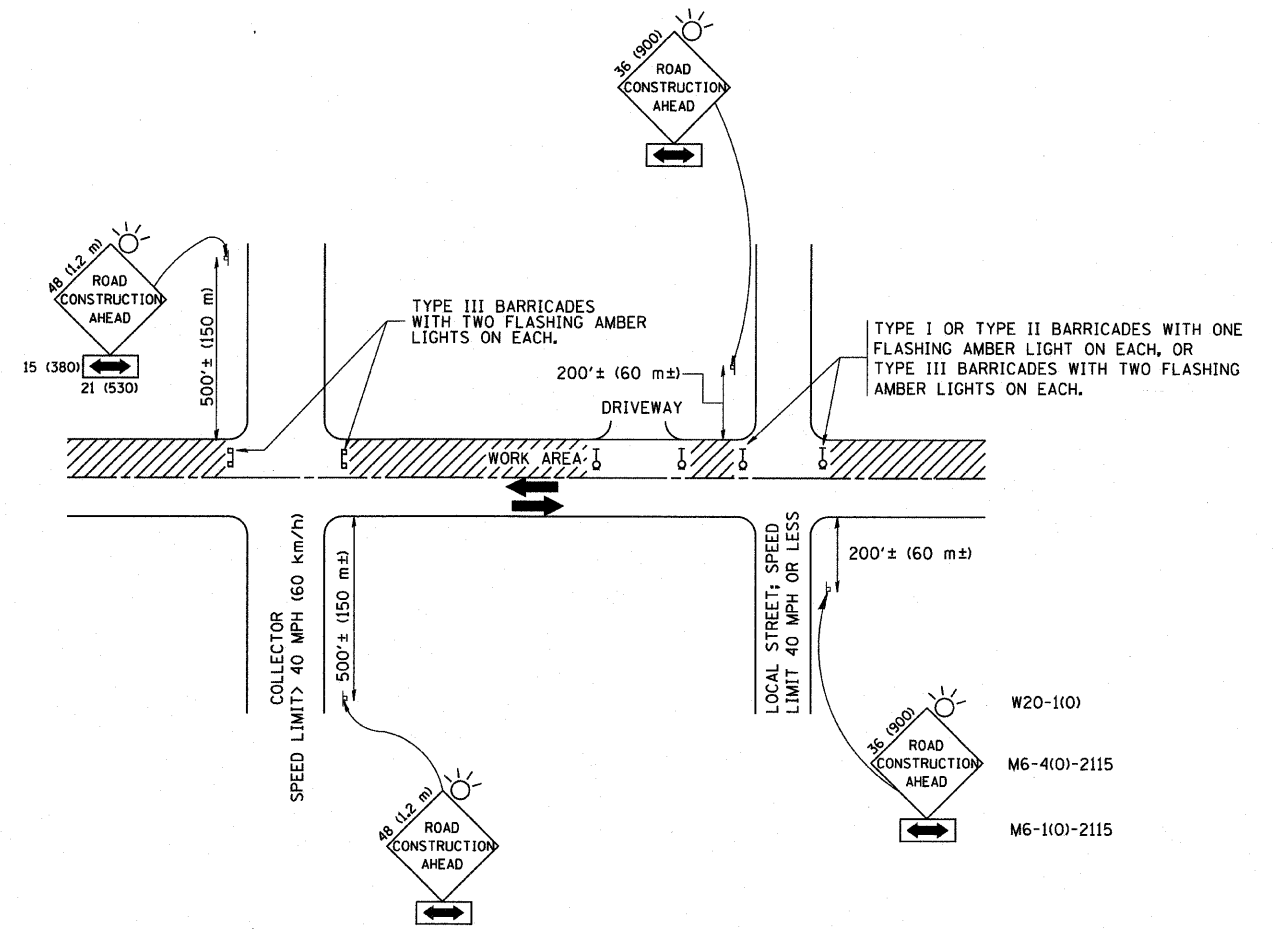
TYLIN INTERNATIONAL



SB I-94 (DAN RYAN EXPRESSWAY)  
STA. 1248+00 TO STA. 1248+50

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

**NOTES:**

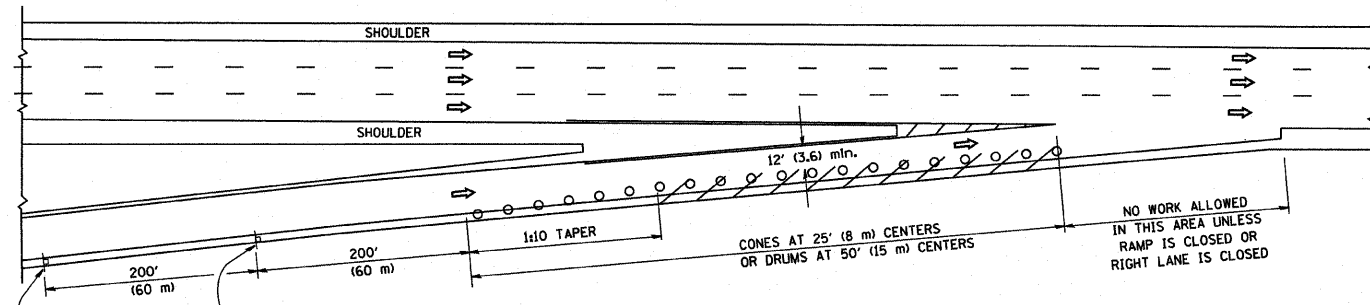
- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
  1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) 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.

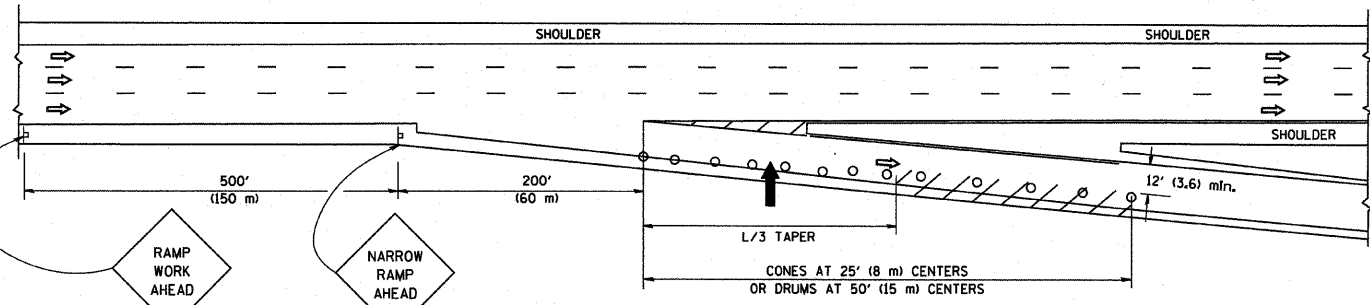
All dimensions are in millimeters (Inches) unless otherwise shown.

FILE NAME =	USER NAME = goglionobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS</b>	F.A. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
W:\distsd\22x34\tel8.dgn	DRAWN -	REVISED - A. HOUSEH 03-06-96	94			1516.1 + 1717 I-10	COOK	44	41	
PLOT SCALE = 50,000 / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96	<b>TC-10</b>			<b>CONTRACT NO. 62973</b>				
PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00	SCALE: NONE			SHEET NO. 1 OF 1 SHEETS		STA. TO STA.		
						FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

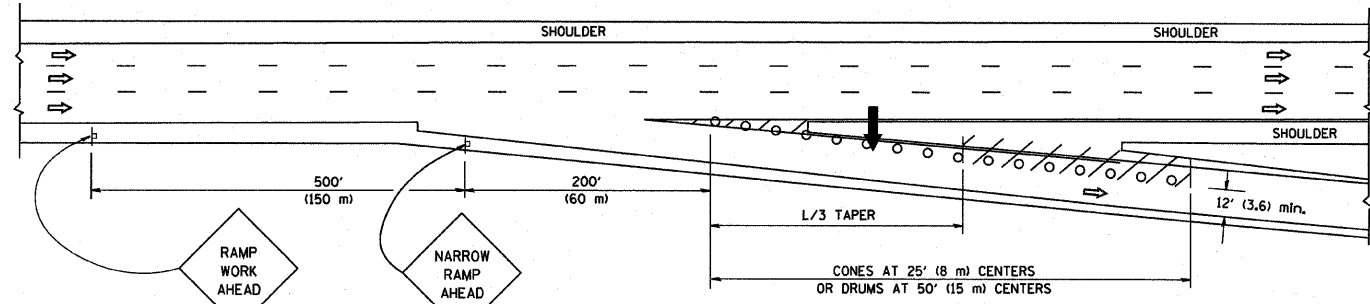
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

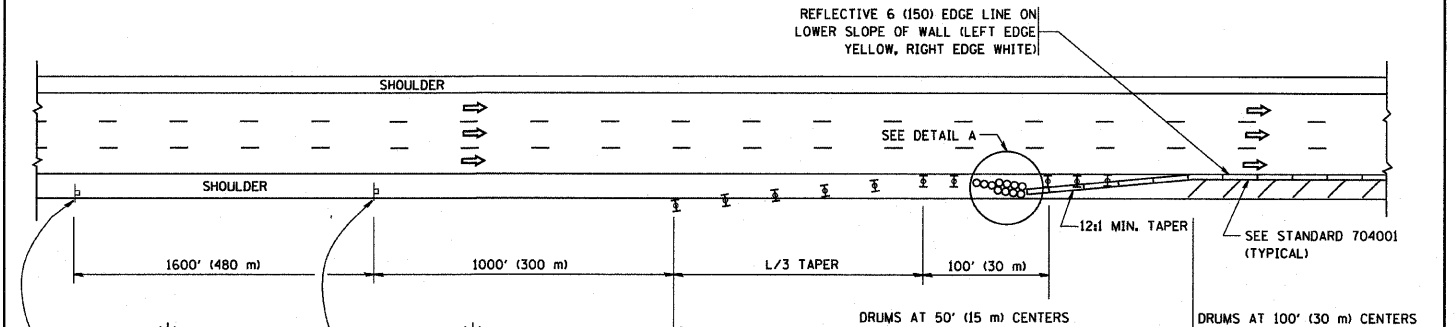
- ARROWBOARD
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE

GENERAL NOTES

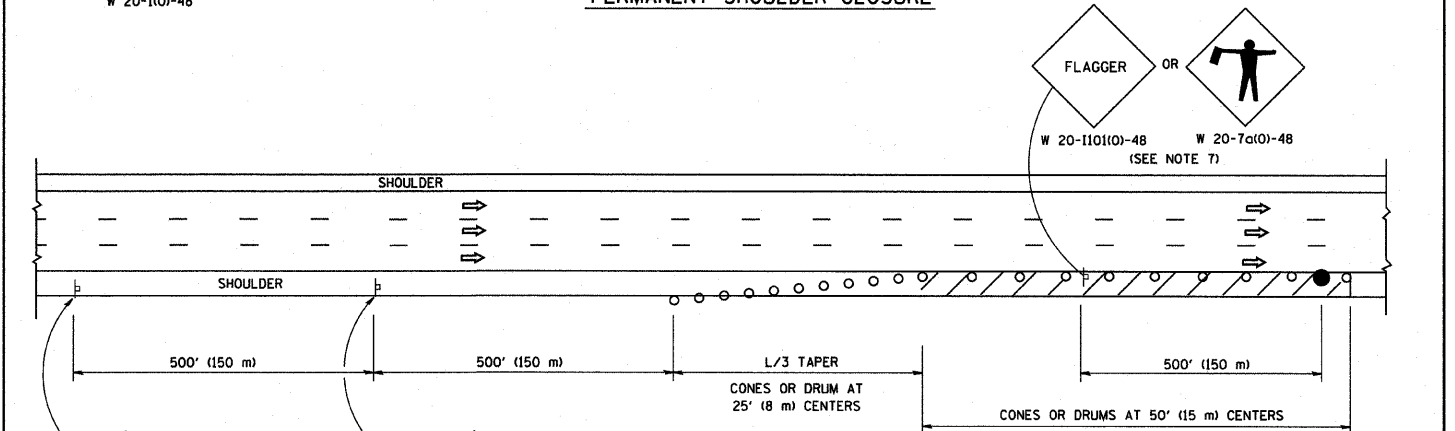
1. THE "L" DISTANCE EQUALS:
 

SPEED LIMIT	FORMULAS
45 mph (80 km/h) OR GREATER:	METRIC ENGLISH L=0.65(WXS) L=(WXS)
W = WIDTH OF OFFSET IN FEET (METERS)	
S = NORMAL POSTED SPEED MPH (KM/H)	
2. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. 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

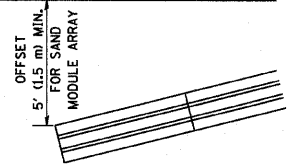


DAYTIME SHOULDER CLOSURE

THIS DETAIL IS USED WHERE:

1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCR OACH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.

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 = W:\diststd\22x34\17.dgn

USER NAME = goglianobt  
 PLOT SCALE = 50.0000' / IN.  
 PLOT DATE = 1/4/2008

DESIGNED -  
 DRAWN - D.W.S.  
 CHECKED -  
 DATE - 11-96

REVISED - J.A.F. 12-02  
 REVISED - 04-03  
 REVISED - J.A.F. 12-06  
 REVISED - S.P.B. 01-07

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

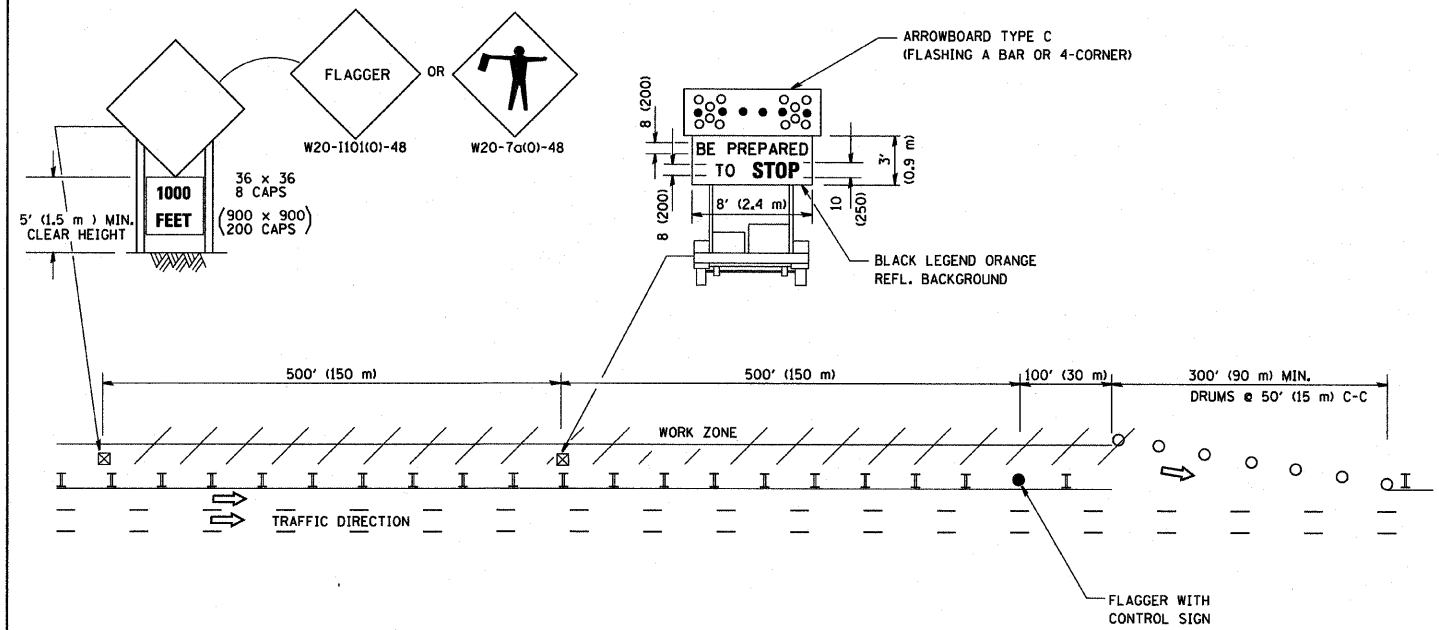
TRAFFIC CONTROL DETAILS FOR FREEWAY  
 SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES

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

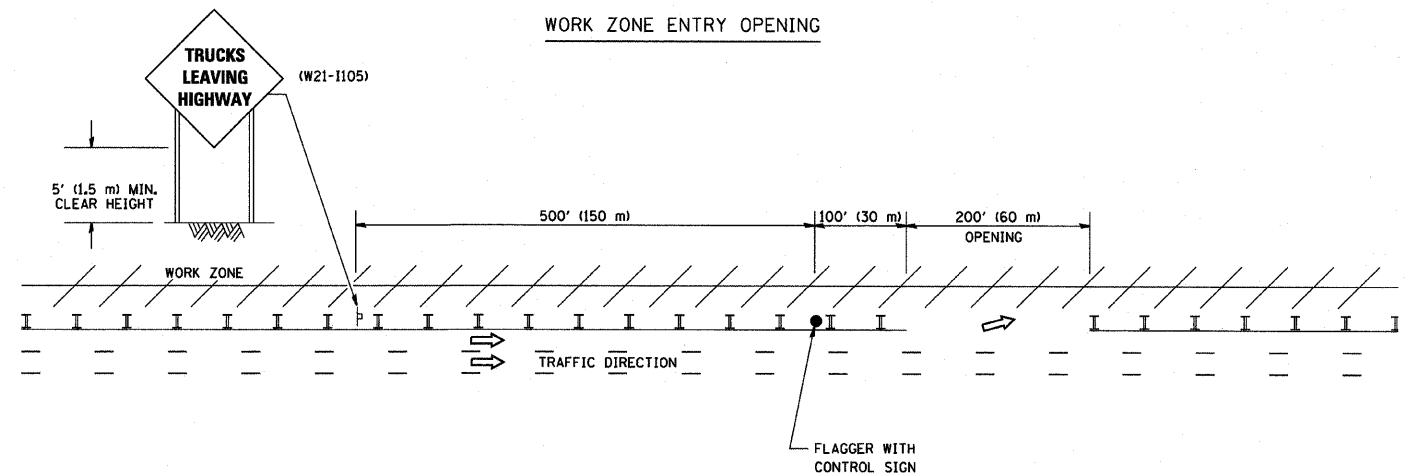
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1+1717 I-10	COOK	44	112
TC-17			CONTRACT NO. 02978	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

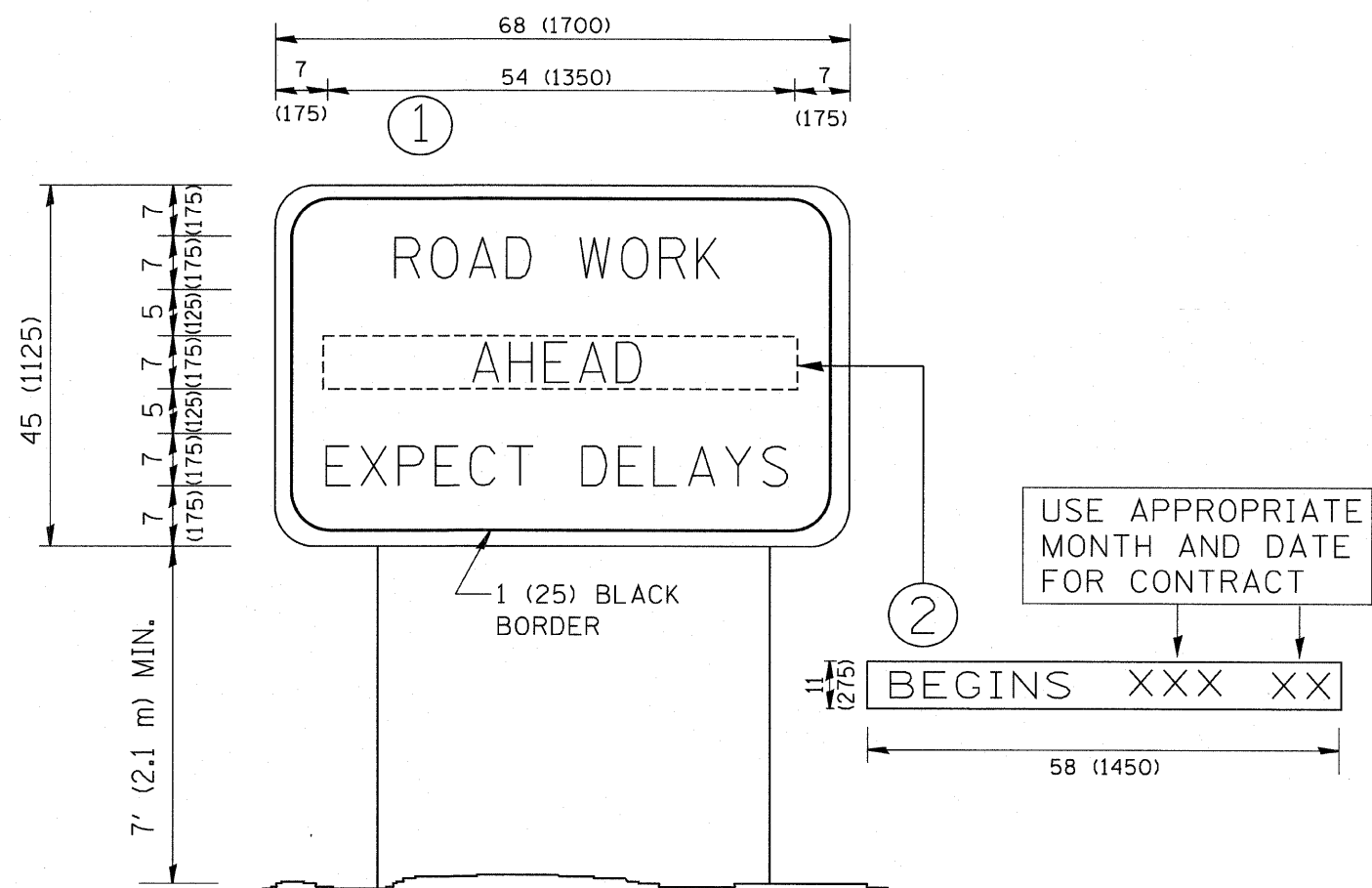
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W:\diststd\22x34\tbl8.dgn		DRAWN -	REVISED - J.A.F. 04-03
	PLOT SCALE = 50,000 / IN.	CHECKED -	REVISED - J.A.F. 02-06
	PLOT DATE = 1/4/2008	DATE -	REVISED - S.P.B. 01-07

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIGNING FOR FLAGGING OPERATIONS  
AT WORK ZONE OPENINGS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	156.1 + 1717 I-10	COOK	44	43
TC-18			CONTRACT NO. 02978	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**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:\distatd\22x34\to22.dgn	USER NAME = goglianobt	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD  
INFORMATION SIGN**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	156.1 + 177 I-10	COOK	44	44
TC-22			CONTRACT NO. 62978	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				