

**INDEX OF SHEETS**

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED IN THE CITY OF CHICAGO

DAN RYAN EXPRESSWAY:	ADT (2020)	DESIGN SPEED	POSTED SPEED
SB I-94 (DAN RYAN)	140,500	60 MPH	55 MPH
SB 87TH STREET EXIT RAMP	12,590	45 MPH	40 MPH
SB 87TH STREET ENTRANCE RAMP	13,350	45 MPH	40 MPH
NB I-94 (DAN RYAN)	151,800	60 MPH	55 MPH
NB 87TH STREET EXIT RAMP	11,600	45 MPH	40 MPH
NB 87TH STREET ENTRANCE RAMP	14,300	45 MPH	40 MPH

**DESCRIPTION OF PROJECT**

LANDSCAPING AND IRRIGATION OF GATEWAYS AND CORNER GARDENS; CONSTRUCTION OF CORNER GARDEN AND HMLT SERVICE PADS WITH MINI RETAINING WALLS LOCATED WITHIN THE PROJECT LIMITS.

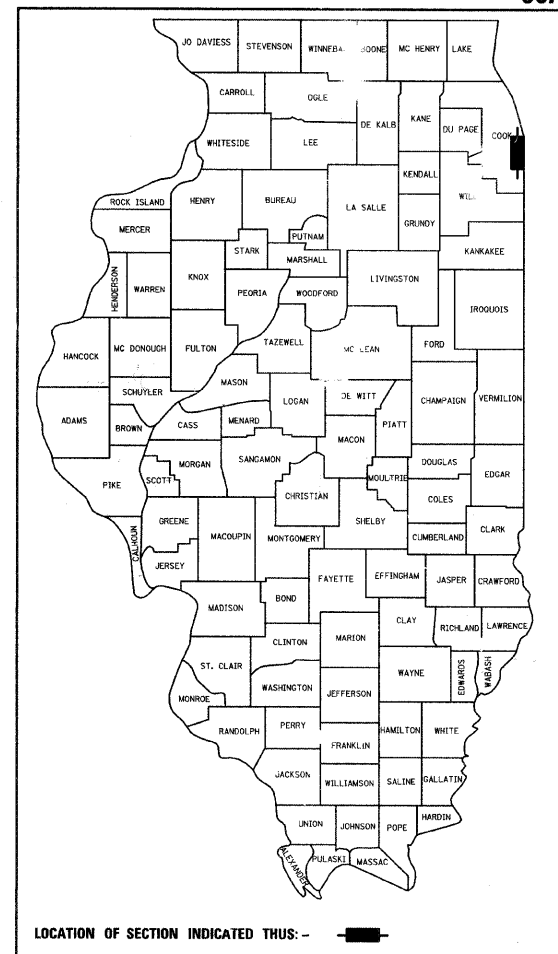
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED HIGHWAY PLANS**

F.A.I. ROUTE 94 (DAN RYAN EXPRESSWAY)  
SECTION 2005-069 LS  
GATEWAYS AND CORNER GARDENS  
NE, SE, NW & SW QUADRANTS AT 87TH STREET  
~~PROJECT~~

COOK COUNTY  
C-91-105-06  
R. 14 E.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	1
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
D-91-105-06				60A75



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

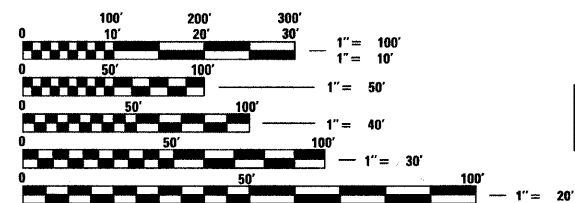
SUBMITTED JUNE 18, 2008

*Deann M. O'Keefe*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

August 15, 2008  
*Eric E. Haran*  
ENGINEER OF DESIGN AND ENVIRONMENT

August 15, 2008  
*Christine M. Reed*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

CONTRACT 22D

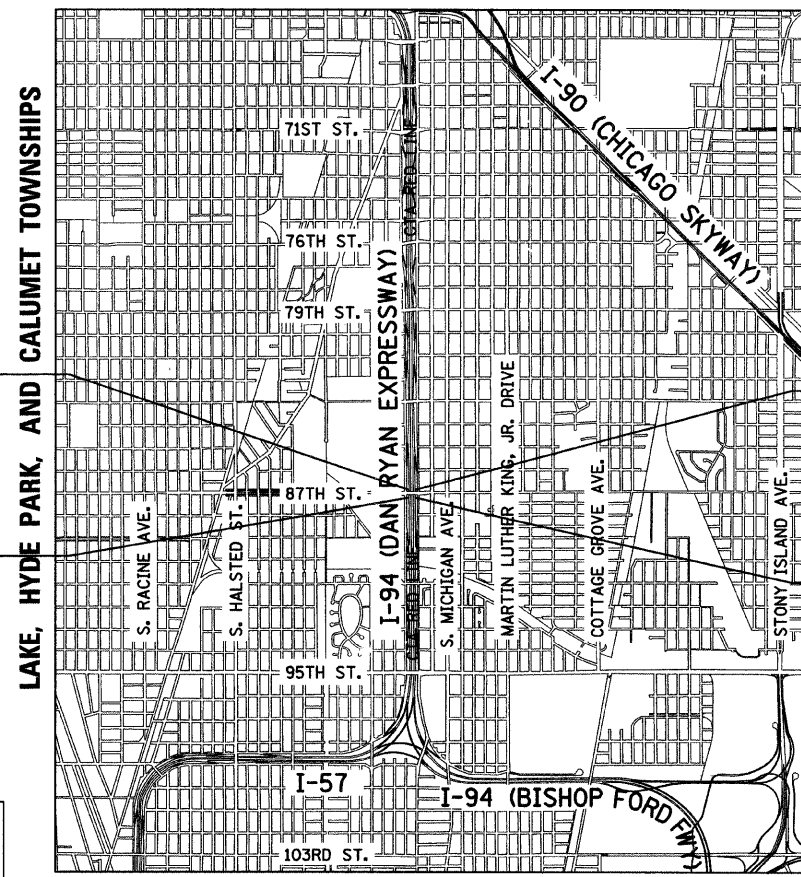


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES; REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED

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

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

CONTRACT NO. 60A75



LOCATION MAP

GROSS LENGTH OF PROJECT = 1,411.37 FT. = 0.27 MI.  
NET LENGTH OF PROJECT = 1,411.37 FT. = 0.27 MI.  
MAP SCALE: 1" = 1/2 MILE

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



Signed *Dean A. Kiesel*  
Dean A. Kiesel, P.E., Ill. Lic. No. 32957  
Expires 11-30-2009  
Date JUNE 16, 2008



Signed *Ernest C. Wong*  
Ernest C. Wong, P.E., Ill. Lic. No. 157-000818  
Expires 08-31-2008  
Date JUNE 13, 2008  
For Landscape Drawings 6, 7, 21, 23, 29-34, 40

**TYLIN INTERNATIONAL**  
PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	2
STA. 1255+15 (SB I-94)		TO STA. 1263+40 (SB I-94)		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

60A75

**INDEX OF SHEETS**

SHEET NO.	TITLE
1	COVER SHEET
2	INDEX OF SHEETS, INDEX OF STATE STANDARDS, GENERAL NOTES, AND SPECIAL COMMITMENTS
3	CALENDAR OF CONSTRUCTION WORK, QUADRANT NOMENCLATURE, HOT-MIX ASPHALT MIXTURE REQUIREMENTS, AND ACCESS SUMMARY
4 - 5	SUMMARY OF QUANTITIES
6	PLANT SCHEDULE - SUMMARY AND SE + NE QUADRANTS AT 87TH ST. - NB I-94
7	PLANT SCHEDULE - SW + NW QUADRANTS AND CORNER GARDENS AT 87TH ST. - SB I-94
8 - 18	ALIGNMENT AND SURVEY TIES FOR CONTROL POINTS
18A - 20	WATER SERVICE AND EROSION CONTROL PLAN - SE AND NE QUADRANTS AT 87TH STREET - NB I-94
21	PLANTING BED LAYOUT PLAN - SE + NE QUADRANTS AT 87TH ST. - NB I-94
22	IRRIGATION PLAN - SE + NE QUADRANTS AT 87TH ST. - NB I-94
23	LANDSCAPE PLAN - SE + NE QUADRANTS AT 87TH ST. - NB I-94
23A - 25	MAINLINE LANDSCAPING RESTORATION - SE AND NE QUADRANTS AT 87TH STREET - NB I-94
26 - 28	WATER SERVICE AND EROSION CONTROL PLAN - SW AND NW QUADRANTS AT 87TH STREET - SB I-94
29 - 30	PLANTING BED LAYOUT PLAN - SW + NW QUADRANTS AT 87TH ST. - SB I-94
31 - 32	IRRIGATION PLAN - SW + NW QUADRANTS AT 87TH ST. - SB I-94
33 - 34	LANDSCAPE PLAN - SW + NW QUADRANTS AT 87TH ST. - SB I-94
35	SW CORNER GARDEN DETAIL - AT 87TH STREET AND LAFAYETTE AVENUE
36	NW CORNER GARDEN DETAIL - AT 87TH STREET AND LAFAYETTE AVENUE
37 - 39	MAINLINE LANDSCAPING RESTORATION - SW AND NW QUADRANTS AT 87TH STREET - SB I-94
40	LANDSCAPE DETAILS
41 - 42	GATEWAY AND CORNER GARDEN - WATER SERVICE EQUIPMENT INSTALLATION, PAVEMENT REMOVAL AND REPLACEMENT DETAILS
43	GATEWAY AND CORNER GARDEN - UTILITY DROP DOWN DETAILS
44	CONCRETE MEDIAN SURFACE, 5" (MODIFIED) - WITH CALIFORNIA FINISH DETAIL
45	TYPICAL SECTIONS, ELEVATIONS, AND DETAILS - CORNER GARDEN
46 - 47	HIGH MAST LIGHT TOWER SERVICE PAD, SPECIAL AND RETAINING WALL DETAILS
48 - 50B	PROPOSED CROSS SECTIONS
51 - 53	CITY OF CHICAGO STANDARD DETAILS - DETAILS OF CURB RAMPS FOR PEOPLE WITH DISABILITIES
54 - 55	BE 501 DIST 1, HIGH MAST LIGHT TOWER - 90 FT TO 120 FT (27 m TO 36 m) FOUNDATION DETAILS - FOR INFORMATION ONLY
56	TC-10 DIST 1, TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
57	TC-17 DIST 1, TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES PARTIAL RAMP CLOSURES
58	TC-22 DIST 1, ARTERIAL ROAD INFORMATION SIGN
59 - 60	TC-24 DIST 1, CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS

**INDEX OF STATE STANDARDS**

STANDARD NO.	TITLE
000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001-04	TEMPORARY EROSION CONTROL SYSTEM
606001-03	CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER
701601-05	URBAN LANE CLOSURE, MULTILANE 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-05	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-03	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901	TRAFFIC CONTROL DEVICES
814001-01	HANDHOLES

**GENERAL NOTES:**

- THE CONTRACTOR SHALL NOT SET UP A YARD/FIELD OFFICE OR STOCKPILE MATERIALS ON IDOT OR CITY OF CHICAGO PROPERTY WITHOUT WRITTEN PERMISSION FROM IDOT OR CDOT.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ABUTTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.
- NIGHT OPERATIONS SHALL NOT BE ALLOWED.
- 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)
- ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE AND TO THE SATISFACTION OF THE ENGINEER.
- 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 THE MAINLINE I-94 (DAN RYAN) FOR THE DURATION OF THIS PROJECT. ONLY TEMPORARY PARTIAL RAMP OR SHOULDER CLOSURES SHALL BE PERMITTED.
- PLANS FOR THE WATER SERVICE CONNECTIONS FOR IRRIGATION SYSTEMS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL TO:  
  
MR. JOHN FLYNN  
DEPARTMENT OF CONSTRUCTION AND PERMITS  
ROOM 906, CITY HALL  
121 NORTH LASALLE STREET  
CHICAGO, ILLINOIS 60602
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE CITY OF CHICAGO AND THE STATE OF ILLINOIS PRIOR TO COMMENCING CONSTRUCTION. THE COSTS SHALL BE INCLUDED IN THE CONTRACT. THE COST SHALL BE INCLUDED IN THE COST OF MOBILIZATION.
- PAYMENTS FOR ADJUSTMENTS TO WATER VALVE VAULTS SHALL NOT BE MADE TO THE CONTRACTOR UNTIL THIS WORK HAS BEEN INSPECTED AND APPROVED BY THE CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT.
- PERMITS FROM THE DEPARTMENT OF WATER MANAGEMENT ARE REQUIRED FOR ALL WORK INVOLVING ADJUSTMENT OF 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.
- CITY OF CHICAGO WATER VALVE VAULTS AND SEWER STRUCTURES SHALL NOT BE CLOSED, COVERED, OR OTHERWISE OBSTRUCTED DURING CONSTRUCTION WITHOUT WRITTEN PERMISSION FROM THE CITY OF CHICAGO 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.
- THE LOCATION OF THE ELECTRICAL EQUIPMENT AND CONDUIT, INSTALLED BY CONTRACT 62583, SHOWN IN THE PLANS 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.
- IT IS CALLED TO THE CONTRACTOR'S ATTENTION THAT HE/SHE WILL BE REQUIRED TO PAY FOR ANY INSPECTION OR PERMIT FEES TO THE VARIOUS DEPARTMENTS OF THE CITY OF CHICAGO. THE COST FOR THESE FEES WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF MOBILIZATION. PERMIT FEES MUST BE PAID PRIOR TO COMMENCING CONSTRUCTION.
- 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 CONTRACTOR SHALL SHOW PROOF OF PROCUREMENT, SOURCES, QUANTITIES AND VARIETIES FOR ALL SHRUBS, TREES, GROUND COVERS, PERENNIALS AND ORNAMENTAL GRASSES WITHIN 21 DAYS FOLLOWING THE AWARD OF CONTRACT. TIMELY PROCUREMENT OF ALL PLANT MATERIAL IS ESSENTIAL TO THE SUCCESSFUL COMPLETION AND SUBSTANTIAL COMPLETION ACCEPTANCE OF THE OVERALL PROJECT. THE COST SHALL BE INCLUDED IN THE COST OF THE INDIVIDUAL PLANT ITEMS.
- THE ENGINEER SHALL BE ALLOWED ACCESS TO THE FIELD OFFICE IN USE FOR CONTRACT 60A76 (22E).

**SPECIAL COMMITMENTS:**

- THE CONTRACTOR AND THE ENGINEER SHALL SUBMIT THE IRRIGATION SHOP DRAWINGS FOR REVIEW AND APPROVAL BY THE CITY OF CHICAGO - STREETSCAPE UNIT, 4 WEEKS IN ADVANCE, PRIOR TO THE START OF THE IRRIGATION WORK.
- THE CITY OF CHICAGO - STREETSCAPE UNIT REPRESENTATIVES SHALL BE INVITED TO PARTICIPATE IN THE CONSTRUCTION PROGRESS MEETINGS. THE MEETING'S SCHEDULE SHALL BE PROVIDED TO THE CITY OF CHICAGO IN ADVANCE.
- THE CITY OF CHICAGO - STREETSCAPE UNIT REPRESENTATIVES SHALL BE AFFORDED THE OPPORTUNITY TO OBSERVE ALL LANDSCAPING AND IRRIGATION WORK IN COORDINATION WITH AND CONCURRENCE OF THE ENGINEER.
- THE CONTRACTOR AND THE ENGINEER, IN COORDINATION WITH ILLINOIS DEPARTMENT OF TRANSPORTATION'S LANDSCAPING REPRESENTATIVE, SHALL PROVIDE A WRITTEN DESCRIPTION OF THE TURN OVER PROCEDURE OF THE IRRIGATION WORK AT THE END OF THE PROJECT TO THE CITY OF CHICAGO - STREETSCAPE UNIT.
- THE CITY OF CHICAGO - STREETSCAPE UNIT SHALL BE INVITED BY THE CONTRACTOR AND THE ENGINEER TO ATTEND AND PARTICIPATE IN THE FINAL PROJECT INSPECTION.

**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**INDEX OF SHEETS, STATE STANDARDS,**  
**GENERAL NOTES, AND SPECIAL COMMITMENTS**

SCALE: NONE                      DRAWN BY: JDF  
DATE: JUNE 20, 2008              CHECKED BY: JPM

12:00:48 PM 07/22/2008 13:44:07

**CALENDAR OF CONSTRUCTION WORK**

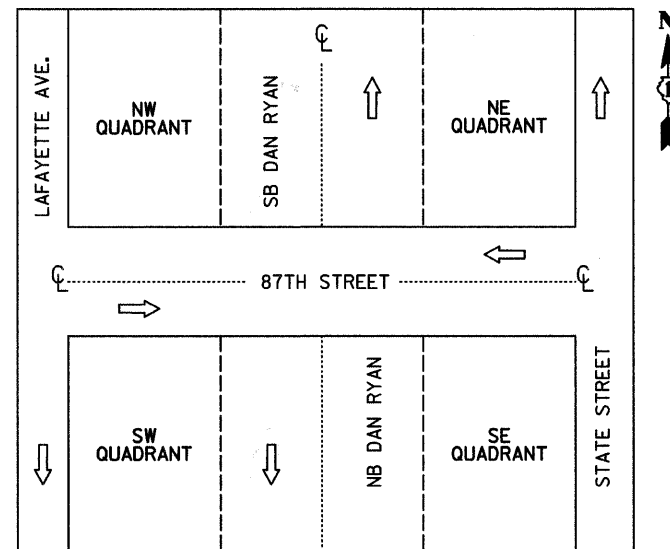
PHASE	YEAR	WORK DATES		CONSTRUCTION WORK
		FROM	TO	
PHASE I	2009	MARCH 1	JUNE 1	CONSTRUCTION OF CORNER GARDEN IN THE NW QUADRANT. EXCAVATION AND PLACEMENT OF POROUS GRANULAR MATERIAL, PLANTING MIX, GEOTECHNICAL FABRIC, AND MULCH (ALL CORNER GARDENS). INSTALLATION OF WATER SERVICE AND IRRIGATION SYSTEMS FOR ALL GATEWAYS AND CORNER GARDENS.
		MARCH 1	JUNE 1	INSTALLATION OF ALL WOODY PLANTS. WOODY PLANTS MUST BE CONTAINER OR DUG WHILE DORMANT AND MAINTAINED PROPERLY UNTIL PLANTED. ALL WOODY PLANTS MUST BE INSTALLED PRIOR TO PERENNIALS.
		MARCH 1	JUNE 1	INSTALL PERENNIAL PLANTS AFTER ALL WOODY PLANTS HAVE BEEN INSTALLED.
		JUNE 1		INTERIM COMPLETION DATE
PHASE I	2009	JUNE 1		CERTIFICATION TO THE BUREAU OF MAINTENANCE THAT ALL PLANTS HAVE BEEN INSTALLED AND ARE IN A LIVE HEALTHY CONDITION AND ELIGIBLE FOR A SEPTEMBER PERIOD OF ESTABLISHMENT INSPECTION.
PHASE II	2009	JUNE 1, 2009	MAY 1, 2010	PROVIDE PLANT CARE REQUIRED FOR ALL PLANTS (WEEDING, WATERING, OR OTHER WORK WHICH IS NECESSARY TO MAINTAIN HEALTH AND SATISFACTORY APPEARANCE OF THE GATEWAY AND CORNER GARDENS) DURING THE PERIOD OF ESTABLISHMENT AND ACCORDING TO THE LANDSCAPE MAINTENANCE SPECIAL PROVISION.
		SEPT. 1	SEPT. 30	PERIOD OF ESTABLISHMENT INSPECTION.
		OCT. 1	OCT. 31	INSTALL BULBS.
		OCT. 1	OCT. 31	FALL SHUT DOWN.
		APRIL 1	MAY 1	SPRING START UP.
PHASE II	2010	MAY 1		COMPLETION DATE
	2010	MAY 17		FINAL INSPECTION DATE

**CONTRACTOR ACCESS ASSUMPTIONS**

FOR THE NW QUADRANT ACCESS IS ASSUMED TO BE FROM THE FRONTAGE ROAD. ACCESS FROM THE EXPRESSWAY IS BLOCKED BY EXISTING BARRIER WALLS. THE EXISTING FENCE IS SHOWN TO BE REMOVED AND RE-ERECTED. THE CONTRACTOR SHALL MAINTAIN ACCESS CONTROL BY INSTALLING TEMPORARY CHAIN LINK FENCE (PORTABLE) WHILE EXISTING FENCE IS REMOVED. TEMPORARY FENCE (PORTABLE) IS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).

FOR THE NW SW, AND SE QUADRANTS ACCESS IS ASSUMED TO BE FROM THE THE EXPRESSWAY. ACCESS FROM THE FRONTAGE ROAD IS BLOCKED BY EXISTING RETAINING WALLS. TEMPORARY SHOULDER CLOSURES SHALL BE PERMITTED.

**QUADRANT NOMENCLATURE**



**IDOT HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

ITEM	AC TYPE	AIR VOIDS
PAVEMENT REMOVAL AND REPLACEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N 70 1/2"	PG 64-22	4%@70Gyr
LEVELING BINDER (MACHINE METHOD), N 70, 1/2"	PG 64-22/58-22	4%@70Gyr

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112/SQ YD/IN. USE 135 LB/SQ YD/IN. IF USING A SMA MIX.

WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 CALENDAR OF CONSTRUCTION, QUADRANT NOMENCLATURE, HOT-MIX ASPHALT MIXTURE REQUIREMENTS, AND ACCESS SUMMARY

SCALE: NONE  
 DATE: JUNE 20, 2008

DRAWN BY: JDF  
 CHECKED BY: JPM

6/20/08 12:00:48 PM  
 P:\02375\Road\0220\94\2008\10.2.dwg

PROJECT: GATEWAYS AND CORNER GARDENS AT 87TH STREET  
COOK COUNTY / CITY OF CHICAGO

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	4
STA. 2254+81 (NB I-94) TO STA. 2263+45 (NB I-94)				
STA. 1235+15 (SB I-94)		TO STA. 1263+40 (SB I-94)		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

60A75

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	URBAN TOTAL	100% STATE		100% CITY OF CHICAGO
				DAN RYAN Y003	DAN RYAN Y007	DAN RYAN Y003
20200100	EARTH EXCAVATION	CU YD	20	20		
20700220	POROUS GRANULAR EMBANKMENT	CU YD	94	89		5
21101645	TOPSOIL FURNISH AND PLACE, 12"	SQ YD	604	604		
21101825	COMPOST FURNISH AND PLACE, 6"	SQ YD	604	604		
25000210	SEEDING, CLASS 2A	ACRE	0.75	0.75		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	133	133		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	107	107		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	94	94		
25100630	EROSION CONTROL BLANKET	SQ YD	2821	2821		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	60	60		
28000510	INLET FILTERS	EACH	19	19		
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	3			3
42001300	PROTECTIVE COAT	SQ YD	110			110
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	373			373
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	26			26
44000300	CURB REMOVAL	FOOT	10			10
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	146			146
44000600	SIDEWALK REMOVAL	SQ FT	418			418
44004250	PAVED SHOULDER REMOVAL	SQ YD	26			26
50200100	STRUCTURE EXCAVATION	CU YD	75	67		8
50300225	CONCRETE STRUCTURES	CU YD	20	20		
50300300	PROTECTIVE COAT	SQ YD	30	30		
50300510	RUSTICATION FINISH	SQ FT	56	56		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2670	2670		
56104600	WATER VALVES 2"	EACH	2			2
56200900	WATER SERVICE LINE 2 1/2"	FOOT	229			229
60600605	CONCRETE CURB, TYPE B	FOOT	38.0	28.0		10.0
66410300	CHAIN LINK FENCE REMOVAL	FOOT	33	33		
66410400	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	315	315		
67100100	MOBILIZATION	L SUM	1	1		
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1		
▲ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	98			98
▲ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	24			24
▲ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	220			220

\* - SPECIAL PROVISION  
▲ - Specialty Items

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
  
SUMMARY OF QUANTITIES  
SHEET 1 OF 2  
  
SCALE: NONE      DRAWN BY: JDF  
DATE: JUNE 20, 2008      CHECKED BY: RTM

P:\02373\road\2220\60226103a.dgn 7/21/2008 11:45 PM



PROJECT: GATEWAYS AND CORNER GARDENS AT 87TH STREET  
 COOK COUNTY / CITY OF CHICAGO

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	5
STA. 1254+81 (NB I-94) TO STA. 1263+40 (SB I-94)				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

60A75

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	URBAN TOTAL	100% STATE		100% CITY OF CHICAGO
				DAN RYAN Y003	DAN RYAN Y007	DAN RYAN Y003
▲ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	12			12
• 81400200	HEAVY-DUTY HANDHOLE	EACH	1			1
C2011134	SHRUB, SYRINGA X PERSICA (PERSIAN LILAC) 2' HEIGHT, BALLED AND BURLAPPED	EACH	691	691		
• X0326144	TACTILE/DETECTABLE WARNING SURFACE	SQ FT	16			16
B2001770	TREE, CRATAEGUS CRUSGALLI VAR. INERMIS (THORNLESS COCKSPUR HAWTHORN), 8' HEIGHT, BALLED AND BURLAPPED, MULTI-HEADS	EACH	15	15		
A2008748	TREE, ULMUS X FRONTIER (FRONTIER ELM), 3" CALIPER, BALLED AND BURLAPPED, MATCHING HEADS	EACH	25	25		
• X5620103	WATER SERVICE LINE 3" (SPECIAL)	FOOT	12			12
K0030400	PERENNIAL PLANTS, DAYLILIES	UNIT	8	8		
K0030470	PERENNIAL PLANT, ORNAMENTAL GRASS TYPE	UNIT	56	56		
K1003460	LANDSCAPE MAINTENANCE	CAL MO	11	11		
X0301407	PERENNIAL PLANTS, GALLON POT	UNIT	59	59		
• X0320870	BRACED EXCAVATION	CU YD	5			5
• X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	103	103		
• X0322434	LIGHT TOWER, SERVICE PAD, SPECIAL	EACH	2		2	
X0323973	SEDIMENT CONTROL, SILT FENCE	FOOT	951	951		
X0324525	PLANTING MIX FURNISH AND PLACE 36"	SQ YD	15	15		
X0325102	INSPECTION PIPE 4 INCH	EACH	2			2
• X0325103	WATER METER IN VAULT, 2 INCH	EACH	2			2
• X0325104	WATER TAP, 2 INCH	EACH	2			2
X0325105	IRRIGATION SYSTEM	SQ YD	1210			1210
X0325106	IRRIGATION SYSTEMS FALL SHUTDOWN	EACH	2			2
X0325107	IRRIGATION SYSTEMS SPRING STARTUP	EACH	2			2
• X0325108	BACKFLOW PREVENTER (RPZ), 2 INCH	EACH	2			2
• X0325109	POROUS GRANULAR MATERIAL	CU YD	5	5		
• X0325132	SHAPING AND GRADING AT HIGH MAST LIGHT TOWER	SQ YD	45		45	
X0325604	WEED CONTROL, PRE-EMERGENT HERBICIDE	GALLON	1	1		
X0325970	SOIL CONDITIONER 3"	SQ YD	3461	3461		
• X0656300	PAVEMENT REMOVAL AND REPLACEMENT	SQ YD	67			67
• X6065740	CONCRETE MEDIAN SURFACE, 5" (MODIFIED)	SQ FT	310	243		67
• XX104800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V.12	FOOT	125.0			125.0
• Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
Z0027800	GEOTECHNICAL FABRIC	SQ YD	39	39		

\* - SPECIAL PROVISION

▲ - Specialty Items

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

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

SUMMARY OF QUANTITIES  
 SHEET 2 OF 2

SCALE: NONE  
 DATE: JUNE 20, 2008  
 DRAWN BY: JDF  
 CHECKED BY: RTM

**SCHEDULE OF LANDSCAPE ITEMS - 87TH STREET GATEWAY - SUMMARY**

Code	Item	Common Name	Size	Root	Remarks	Unit	Total
<b>SHADE TREES</b>							
UF	Ulmus x Frontier	Frontier Elm	3" caliper	B&B	matching heads, 20' o.c.	each	25
<b>INTERMEDIATE TREES</b>							
CC	Crataegus crusgalli var. inermis	Thornless Cockspur Hawthorn	8' height	B&B	multi-stem, 12' o.c.	each	15
<b>SHRUBS</b>							
SY	Syringa x persica	Persian Lilac	24"	B&B	24" o.c.	each	691
<b>PERENNIAL PLANTS, DAYLILIES</b>							
HL	Hemerocallis 'Little Wine Cup'	Little Wine Cup Daylily	1 gallon	pot	15" o.c.	UNIT	7.01
							Total units: 7.01
<b>PERENNIAL PLANTS, GALLON POT</b>							
AS	Aster azureus	Sky Blue Aster	1 gallon	pot	15" o.c.	UNIT	7.02
AT	Allium tanguticum 'Summer Beauty'	Summer Beauty Ornamental Onion	1 gallon	pot	15" o.c.	UNIT	8.54
EP	Echinacea pallida	Pale Purple Coneflower	1 gallon	pot	15" o.c.	UNIT	9.02
LS	Liatris spicata 'Kobold'	Kobold Gayfeather	1 gallon	pot	15" o.c.	UNIT	9.03
PL	Perovskia atriplicifolia 'Little Spire'	Little Spire Russian Sage	1 gallon	pot	15" o.c.	UNIT	9.03
SE	Salvia nemorosa 'East Friesland'	East Friesland Salvia	1 gallon	pot	15" o.c.	UNIT	8.55
SN	Salvia nemorosa 'Wesuwe'	Wesuwe Salvia	1 gallon	pot	15" o.c.	UNIT	7.02
							Total units: 58.21
<b>PERENNIAL PLANTS, ORNAMENTAL GRASS TYPE</b>							
BC	Bouteloua curtipendula	Side Oats Grama	1 gallon	pot	15" o.c.	UNIT	8.55
CA	Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	1 gallon	pot	15" o.c.	UNIT	3.86
MG	Miscanthus sinensis 'Graziella'	Maiden Eulalia Grass	1 gallon	pot	15" o.c.	UNIT	6.98
MP	Miscanthus sinensis 'Purpurescens'	Purple Maiden Grass	1 gallon	pot	18" o.c.	UNIT	7.41
MS	Miscanthus sinensis 'Silberfeder'	Silver Feather Eulalia Grass	1 gallon	pot	18" o.c.	UNIT	2.41
PN	Panicum virgatum 'Northwind'	Northwind Switch Grass	1 gallon	pot	15" o.c.	UNIT	5.24
PR	Panicum virgatum 'Rotstrahlbusch'	Rotstrahlbusch Switch Grass	1 gallon	pot	18" o.c.	UNIT	8.21
PS	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	1 gallon	pot	18" o.c.	UNIT	6.33
SH	Sporobolus heterolepis	Prairie Dropseed	1 gallon	pot	18" o.c.	UNIT	6.61
							Total units: 55.6

**SCHEDULE OF LANDSCAPE ITEMS - 87TH STREET GATEWAY - NORTHEAST**

Code	Item	Common Name	Size	Root	Remarks	Unit	Total
<b>SHADE TREES</b>							
UF	Ulmus x Frontier	Frontier Elm	3" caliper	B&B	matching heads, 20' o.c.	each	7
<b>INTERMEDIATE TREES</b>							
CC	Crataegus crusgalli var. inermis	Thornless Cockspur Hawthorn	8' height	B&B	multi-stem, 12' o.c.	each	3
<b>SHRUBS</b>							
SY	Syringa x persica	Persian Lilac	24"	B&B	24" o.c.	each	168
<b>PERENNIAL PLANTS, DAYLILIES</b>							
HL	Hemerocallis 'Little Wine Cup'	Little Wine Cup Daylily	1 gallon	pot	15" o.c.	UNIT	1.91
							Total units: 1.91
<b>PERENNIAL PLANTS, GALLON POT</b>							
AS	Aster azureus	Sky Blue Aster	1 gallon	pot	15" o.c.	UNIT	1.91
AT	Allium tanguticum 'Summer Beauty'	Summer Beauty Ornamental Onion	1 gallon	pot	15" o.c.	UNIT	2.06
EP	Echinacea pallida	Pale Purple Coneflower	1 gallon	pot	15" o.c.	UNIT	1.92
LS	Liatris spicata 'Kobold'	Kobold Gayfeather	1 gallon	pot	15" o.c.	UNIT	1.92
PL	Perovskia atriplicifolia 'Little Spire'	Little Spire Russian Sage	1 gallon	pot	15" o.c.	UNIT	1.92
SE	Salvia nemorosa 'East Friesland'	East Friesland Salvia	1 gallon	pot	15" o.c.	UNIT	2.06
SN	Salvia nemorosa 'Wesuwe'	Wesuwe Salvia	1 gallon	pot	15" o.c.	UNIT	1.91
							Total units: 13.7
<b>PERENNIAL PLANTS, ORNAMENTAL GRASS TYPE</b>							
BC	Bouteloua curtipendula	Side Oats Grama	1 gallon	pot	15" o.c.	UNIT	2.06
CA	Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	1 gallon	pot	15" o.c.	UNIT	1.88
MG	Miscanthus sinensis 'Graziella'	Maiden Eulalia Grass	1 gallon	pot	15" o.c.	UNIT	1.89
MP	Miscanthus sinensis 'Purpurescens'	Purple Maiden Grass	1 gallon	pot	18" o.c.	UNIT	0
MS	Miscanthus sinensis 'Silberfeder'	Silver Feather Eulalia Grass	1 gallon	pot	18" o.c.	UNIT	2.41
PN	Panicum virgatum 'Northwind'	Northwind Switch Grass	1 gallon	pot	15" o.c.	UNIT	0
PR	Panicum virgatum 'Rotstrahlbusch'	Rotstrahlbusch Switch Grass	1 gallon	pot	18" o.c.	UNIT	4.56
PS	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	1 gallon	pot	18" o.c.	UNIT	4.39
SH	Sporobolus heterolepis	Prairie Dropseed	1 gallon	pot	18" o.c.	UNIT	0
							Total units: 17.19

**SCHEDULE OF LANDSCAPE ITEMS - 87TH STREET GATEWAY - SOUTHEAST**

Code	Item	Common Name	Size	Root	Remarks	Unit	Total
<b>SHADE TREES</b>							
UF	Ulmus x Frontier	Frontier Elm	3" caliper	B&B	matching heads, 20' o.c.	each	3
<b>INTERMEDIATE TREES</b>							
CC	Crataegus crusgalli var. inermis	Thornless Cockspur Hawthorn	8' height	B&B	multi-stem, 12' o.c.	each	2
<b>SHRUBS</b>							
SY	Syringa x persica	Persian Lilac	24"	B&B	24" o.c.	each	49
<b>PERENNIAL PLANTS, DAYLILIES</b>							
HL	Hemerocallis 'Little Wine Cup'	Little Wine Cup Daylily	1 gallon	pot	15" o.c.	UNIT	0.5
							Total units: 0.5
<b>PERENNIAL PLANTS, GALLON POT</b>							
AS	Aster azureus	Sky Blue Aster	1 gallon	pot	15" o.c.	UNIT	0.5
AT	Allium tanguticum 'Summer Beauty'	Summer Beauty Ornamental Onion	1 gallon	pot	15" o.c.	UNIT	0.54
EP	Echinacea pallida	Pale Purple Coneflower	1 gallon	pot	15" o.c.	UNIT	0.83
LS	Liatris spicata 'Kobold'	Kobold Gayfeather	1 gallon	pot	15" o.c.	UNIT	0.83
PL	Perovskia atriplicifolia 'Little Spire'	Little Spire Russian Sage	1 gallon	pot	15" o.c.	UNIT	0.83
SE	Salvia nemorosa 'East Friesland'	East Friesland Salvia	1 gallon	pot	15" o.c.	UNIT	0.54
SN	Salvia nemorosa 'Wesuwe'	Wesuwe Salvia	1 gallon	pot	15" o.c.	UNIT	0.5
							Total units: 4.57
<b>PERENNIAL PLANTS, ORNAMENTAL GRASS TYPE</b>							
BC	Bouteloua curtipendula	Side Oats Grama	1 gallon	pot	15" o.c.	UNIT	0.54
CA	Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	1 gallon	pot	15" o.c.	UNIT	1.98
MG	Miscanthus sinensis 'Graziella'	Maiden Eulalia Grass	1 gallon	pot	15" o.c.	UNIT	0
MP	Miscanthus sinensis 'Purpurescens'	Purple Maiden Grass	1 gallon	pot	18" o.c.	UNIT	0
MS	Miscanthus sinensis 'Silberfeder'	Silver Feather Eulalia Grass	1 gallon	pot	18" o.c.	UNIT	0
PN	Panicum virgatum 'Northwind'	Northwind Switch Grass	1 gallon	pot	15" o.c.	UNIT	0
PR	Panicum virgatum 'Rotstrahlbusch'	Rotstrahlbusch Switch Grass	1 gallon	pot	18" o.c.	UNIT	0
PS	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	1 gallon	pot	18" o.c.	UNIT	1.94
SH	Sporobolus heterolepis	Prairie Dropseed	1 gallon	pot	18" o.c.	UNIT	0
							Total units: 4.46

SITE DESIGN GROUP  
TYLIN INTERNATIONAL

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94 (DAN RYAN EXPRESSWAY)
NAME	DATE	
		SUMMARY PLANT SCHEDULE SE + NE QUADRANTS AT 87TH ST. - NB I-94

SCALE: NTS      DRAWN BY: EM  
DATE: June 20, 2008      CHECKED BY: JO

\$ FILE \$

\$ DATE \$

SCHEDULE OF LANDSCAPE ITEMS - 87TH STREET GATEWAY - NORTHWEST							
Code	Item	Common Name	Size	Root	Remarks	Unit	Total
<b>SHADE TREES</b>							
UF	Ulmus x Frontier	Frontier Elm	3" caliper	B&B	matching heads, 20' o.c.	each	6
<b>INTERMEDIATE TREES</b>							
CC	Crataegus crusgalli var. inermis	Thornless Cockspur Hawthorn	8' height	B&B	multi-stem, 12' o.c.	each	4
<b>SHRUBS</b>							
SY	Syringa x persica	Persian Lilac	24"	B&B	24" o.c.	each	185
<b>PERENNIAL PLANTS, DAYLILIES</b>							
HL	Hemerocallis 'Little Wine Cup'	Little Wine Cup Daylily	1 gallon	pot	15" o.c.	UNIT	1.98
							Total units: 1.98
<b>PERENNIAL PLANTS, GALLON POT</b>							
AS	Aster azureus	Sky Blue Aster	1 gallon	pot	15" o.c.	UNIT	2.05
AT	Allium tanguticum 'Summer Beauty'	Summer Beauty Ornamental Onion	1 gallon	pot	15" o.c.	UNIT	2.72
EP	Echinacea pallida	Pale Purple Coneflower	1 gallon	pot	15" o.c.	UNIT	2.58
LS	Liatris spicata 'Kobold'	Kobold Gayfeather	1 gallon	pot	15" o.c.	UNIT	2.65
PL	Perovskia atriplicifolia 'Little Spire'	Little Spire Russian Sage	1 gallon	pot	15" o.c.	UNIT	2.65
SE	Salvia nemorosa 'East Friesland'	East Friesland Salvia	1 gallon	pot	15" o.c.	UNIT	2.79
SN	Salvia nemorosa 'Wesuwe'	Wesuwe Salvia	1 gallon	pot	15" o.c.	UNIT	2.05
							Total units: 17.49
<b>PERENNIAL PLANTS, ORNAMENTAL GRASS TYPE</b>							
BC	Bouteloria curtipendula	Side Oats Grama	1 gallon	pot	15" o.c.	UNIT	2.79
CA	Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	1 gallon	pot	15" o.c.	UNIT	0
MG	Miscanthus sinensis 'Graziella'	Maiden Eulalia Grass	1 gallon	pot	15" o.c.	UNIT	2.71
MP	Miscanthus sinensis 'Purpurescens'	Purple Maiden Grass	1 gallon	pot	18" o.c.	UNIT	4.27
MS	Miscanthus sinensis 'Silberfeder'	Silver Feather Eulalia Grass	1 gallon	pot	18" o.c.	UNIT	0
PN	Panicum virgatum 'Northwind'	Northwind Switch Grass	1 gallon	pot	15" o.c.	UNIT	2.58
PR	Panicum virgatum 'Rotstrahlbusch'	Rotstrahlbusch Switch Grass	1 gallon	pot	18" o.c.	UNIT	1.32
PS	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	1 gallon	pot	18" o.c.	UNIT	0
SH	Sporobolus heterolepis	Prairie Dropseed	1 gallon	pot	18" o.c.	UNIT	2.72
							Total units: 16.39

SCHEDULE OF LANDSCAPE ITEMS - 87TH STREET GATEWAY - SOUTHWEST							
Code	Item	Common Name	Size	Root	Remarks	Unit	Total
<b>SHADE TREES</b>							
UF	Ulmus x Frontier	Frontier Elm	3" caliper	B&B	matching heads, 20' o.c.	each	9
<b>INTERMEDIATE TREES</b>							
CC	Crataegus crusgalli var. inermis	Thornless Cockspur Hawthorn	8' height	B&B	multi-stem, 12' o.c.	each	6
<b>SHRUBS</b>							
SY	Syringa x persica	Persian Lilac	24"	B&B	24" o.c.	each	274
<b>PERENNIAL PLANTS, DAYLILIES</b>							
HL	Hemerocallis 'Little Wine Cup'	Little Wine Cup Daylily	1 gallon	pot	15" o.c.	UNIT	2.48
							Total units: 2.48
<b>PERENNIAL PLANTS, GALLON POT</b>							
AS	Aster azureus	Sky Blue Aster	1 gallon	pot	15" o.c.	UNIT	2.56
AT	Allium tanguticum 'Summer Beauty'	Summer Beauty Ornamental Onion	1 gallon	pot	15" o.c.	UNIT	3.08
EP	Echinacea pallida	Pale Purple Coneflower	1 gallon	pot	15" o.c.	UNIT	3.55
LS	Liatris spicata 'Kobold'	Kobold Gayfeather	1 gallon	pot	15" o.c.	UNIT	3.63
PL	Perovskia atriplicifolia 'Little Spire'	Little Spire Russian Sage	1 gallon	pot	15" o.c.	UNIT	3.63
SE	Salvia nemorosa 'East Friesland'	East Friesland Salvia	1 gallon	pot	15" o.c.	UNIT	3.16
SN	Salvia nemorosa 'Wesuwe'	Wesuwe Salvia	1 gallon	pot	15" o.c.	UNIT	2.56
							Total units: 22.17
<b>PERENNIAL PLANTS, ORNAMENTAL GRASS TYPE</b>							
BC	Bouteloria curtipendula	Side Oats Grama	1 gallon	pot	15" o.c.	UNIT	3.16
CA	Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	1 gallon	pot	15" o.c.	UNIT	0
MG	Miscanthus sinensis 'Graziella'	Maiden Eulalia Grass	1 gallon	pot	15" o.c.	UNIT	2.38
MP	Miscanthus sinensis 'Purpurescens'	Purple Maiden Grass	1 gallon	pot	18" o.c.	UNIT	3.14
MS	Miscanthus sinensis 'Silberfeder'	Silver Feather Eulalia Grass	1 gallon	pot	18" o.c.	UNIT	0
PN	Panicum virgatum 'Northwind'	Northwind Switch Grass	1 gallon	pot	15" o.c.	UNIT	2.66
PR	Panicum virgatum 'Rotstrahlbusch'	Rotstrahlbusch Switch Grass	1 gallon	pot	18" o.c.	UNIT	2.33
PS	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	1 gallon	pot	18" o.c.	UNIT	0
SH	Sporobolus heterolepis	Prairie Dropseed	1 gallon	pot	18" o.c.	UNIT	3.89
							Total units: 17.56

SCHEDULE OF LANDSCAPE ITEMS - 87TH STREET GATEWAY - NORTHWEST CORNER GARDEN							
Code	Item	Common Name	Size	Root	Remarks	Unit	Total
<b>SHRUBS</b>							
SY	Syringa x persica	Persian Lilac	24"	B&B	24" o.c.	each	9
<b>PERENNIAL PLANTS, DAYLILIES</b>							
HL	Hemerocallis 'Little Wine Cup'	Little Wine Cup Daylily	1 gallon	pot	15" o.c.	UNIT	0.09
							Total units: 0.09
<b>PERENNIAL PLANTS, GALLON POT</b>							
AS	Aster azureus	Sky Blue Aster	1 gallon	pot	15" o.c.	UNIT	0
AT	Allium tanguticum 'Summer Beauty'	Summer Beauty Ornamental Onion	1 gallon	pot	15" o.c.	UNIT	0.09
EP	Echinacea pallida	Pale Purple Coneflower	1 gallon	pot	15" o.c.	UNIT	0.09
LS	Liatris spicata 'Kobold'	Kobold Gayfeather	1 gallon	pot	15" o.c.	UNIT	0
PL	Perovskia atriplicifolia 'Little Spire'	Little Spire Russian Sage	1 gallon	pot	15" o.c.	UNIT	0
SE	Salvia nemorosa 'East Friesland'	East Friesland Salvia	1 gallon	pot	15" o.c.	UNIT	0
SN	Salvia nemorosa 'Wesuwe'	Wesuwe Salvia	1 gallon	pot	15" o.c.	UNIT	0
							Total units: 0.18

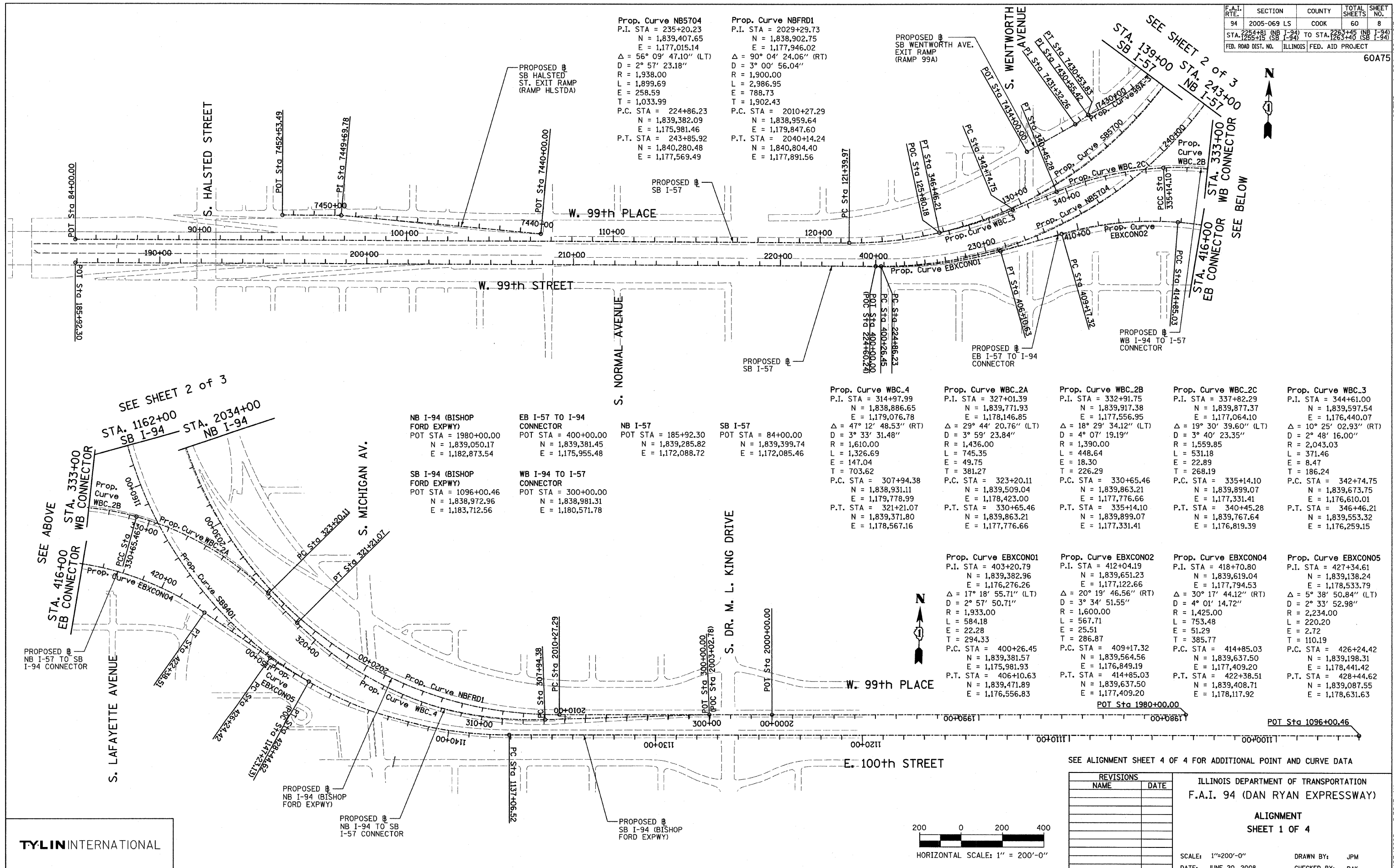
SCHEDULE OF LANDSCAPE ITEMS - 87TH STREET GATEWAY - SOUTHWEST CORNER GARDEN							
Code	Item	Common Name	Size	Root	Remarks	Unit	Total
<b>SHRUBS</b>							
SY	Syringa x persica	Persian Lilac	24"	B&B	24" o.c.	each	6
<b>PERENNIAL PLANTS, DAYLILIES</b>							
HL	Hemerocallis 'Little Wine Cup'	Little Wine Cup Daylily	1 gallon	pot	15" o.c.	UNIT	0.05
							Total units: 0.05
<b>PERENNIAL PLANTS, GALLON POT</b>							
AS	Aster azureus	Sky Blue Aster	1 gallon	pot	15" o.c.	UNIT	0
AT	Allium tanguticum 'Summer Beauty'	Summer Beauty Ornamental Onion	1 gallon	pot	15" o.c.	UNIT	0.05
EP	Echinacea pallida	Pale Purple Coneflower	1 gallon	pot	15" o.c.	UNIT	0.05
LS	Liatris spicata 'Kobold'	Kobold Gayfeather	1 gallon	pot	15" o.c.	UNIT	0
PL	Perovskia atriplicifolia 'Little Spire'	Little Spire Russian Sage	1 gallon	pot	15" o.c.	UNIT	0
SE	Salvia nemorosa 'East Friesland'	East Friesland Salvia	1 gallon	pot	15" o.c.	UNIT	0
SN	Salvia nemorosa 'Wesuwe'	Wesuwe Salvia	1 gallon	pot	15" o.c.	UNIT	0
							Total units: 0.1

SITE DESIGN GROUP  
 TYLIN INTERNATIONAL

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94 (DAN RYAN EXPRESSWAY)  PLANT SCHEDULE SW + NW QUADRANTS AT 87TH ST. - SB I-94 SW + NW CORNER GARDENS  SCALE: NTS DRAWN BY: EM DATE: June 20, 2008 CHECKED BY: JO
NAME	DATE	

\$ DATE \$

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	8
STA. 225+40 (NB I-94)		TO STA. 223+40 (NB I-94)		
STA. 1285+10 (SB I-94)		TO STA. 1283+40 (SB I-94)		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		60A75	



<b>Prop. Curve NB5704</b> 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	<b>Prop. Curve NBFRD1</b> 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
---	--

<b>NB I-94 (BISHOP FORD EXPWY)</b> POT STA = 1980+00.00 N = 1,839,050.17 E = 1,182,873.54	<b>EB I-57 TO I-94 CONNECTOR</b> POT STA = 400+00.00 N = 1,839,381.45 E = 1,175,955.48	<b>NB I-57</b> POT STA = 185+92.30 N = 1,839,285.82 E = 1,172,088.72	<b>SB I-57</b> POT STA = 84+00.00 N = 1,839,399.74 E = 1,172,085.46
<b>SB I-94 (BISHOP FORD EXPWY)</b> POT STA = 1096+00.46 N = 1,838,972.96 E = 1,183,712.56	<b>WB I-94 TO I-57 CONNECTOR</b> POT STA = 300+00.00 N = 1,838,981.31 E = 1,180,571.78		

<b>Prop. Curve WBC.4</b> 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	<b>Prop. Curve WBC.2A</b> 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+45.46 N = 1,839,863.21 E = 1,177,776.66	<b>Prop. Curve WBC.2B</b> 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	<b>Prop. Curve WBC.2C</b> P.I. STA = 337+82.29 N = 1,839,877.37 E = 1,177,064.10 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	<b>Prop. Curve WBC.3</b> 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
--	--	--	--	--

<b>Prop. Curve EBXC0N01</b> P.I. STA = 403+20.79 N = 1,839,382.96 E = 1,177,122.66 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	<b>Prop. Curve EBXC0N02</b> P.I. STA = 412+04.19 N = 1,839,651.23 E = 1,177,794.53 Δ = 20° 19' 46.56" (RT) D = 3° 34' 51.55" R = 1,600.00 L = 567.71 E = 51.29 T = 286.87 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 = 1,177,409.20	<b>Prop. Curve EBXC0N04</b> 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	<b>Prop. Curve EBXC0N05</b> 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

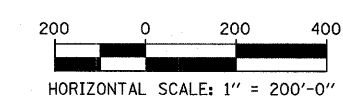
SEE SHEET 2 of 3  
STA. 139+00 SB I-57  
STA. 243+00 NB I-57  
STA. 333+00 WB CONNECTOR  
STA. 416+00 EB CONNECTOR  
SEE BELOW

SEE ABOVE  
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  
SHEET 1 OF 4  
  
SCALE: 1"=200'-0"  
DATE: JUNE 20, 2008  
DRAWN BY: JPM  
CHECKED BY: DAK

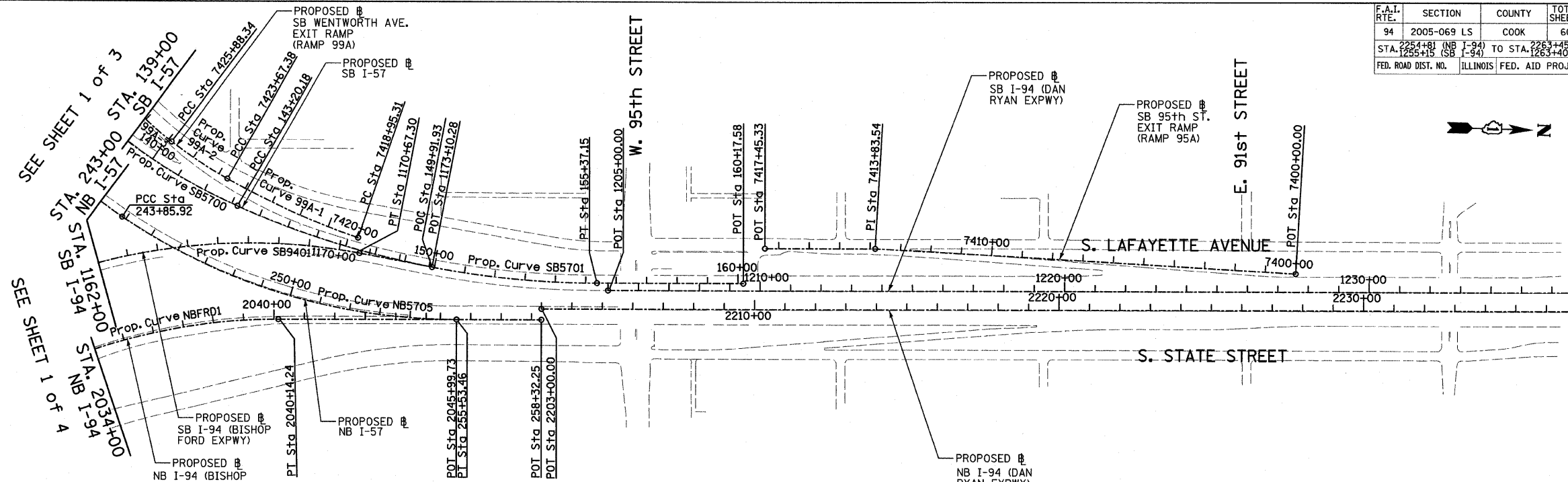


TYLIN INTERNATIONAL

6/23/2008 9:38:13 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	9
STA. 1255+15 (SB I-94) TO STA. 1263+40 (SB I-94)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

60A75



Prop. Curve SB5700  
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

Prop. Curve SB5701  
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

Prop. Curve NB5705  
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 = 1,840,659.02  
E = 1,177,522.68  
P.T. STA = 255+53.46  
N = 1,841,389.65  
E = 1,177,874.80

Prop. Curve SB9401  
P.I. STA = 1160+15.97  
N = 1,838,783.95  
E = 1,177,299.83  
 $\Delta = 100^\circ 48' 58.07''$  (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

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

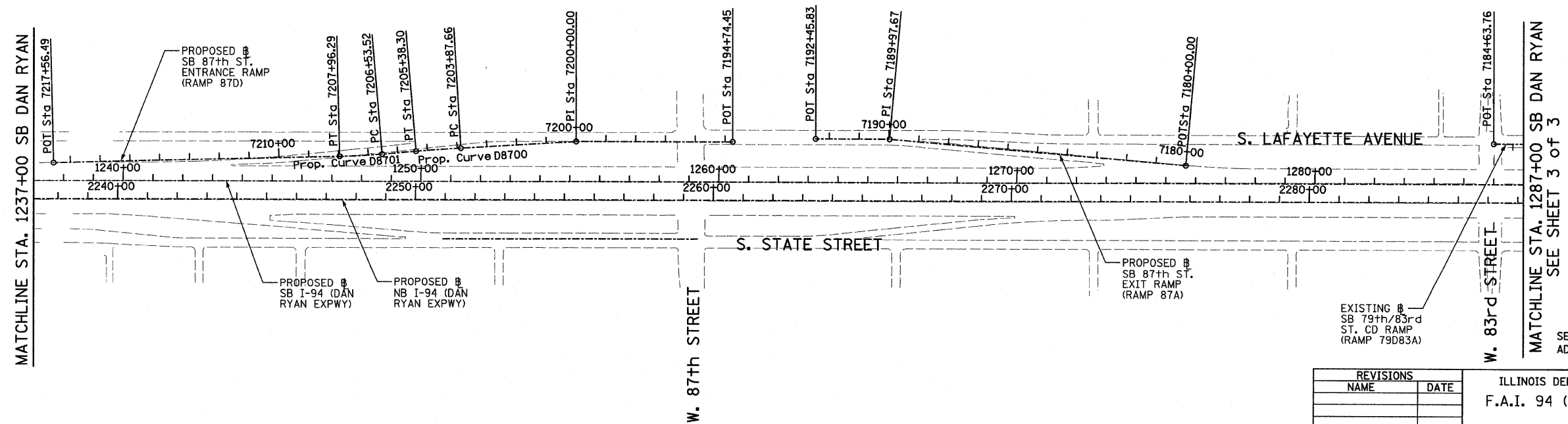
SB I-57  
POT STA = 160+17.58  
N = 1,842,327.55  
E = 1,177,726.54

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

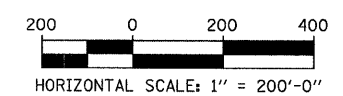
NB I-57  
POT STA = 258+32.25  
N = 1,841,668.33  
E = 1,177,866.82

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

NB I-94 (DAN RYAN EXPWY)  
POT STA = 2203+00.00  
N = 1,841,667.31  
E = 1,177,830.83



TYLIN INTERNATIONAL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
ALIGNMENT  
SHEET 2 OF 4  
SCALE: 1"=200'  
DATE: JUNE 20, 2008  
DRAWN BY: JPM  
CHECKED BY: DAK

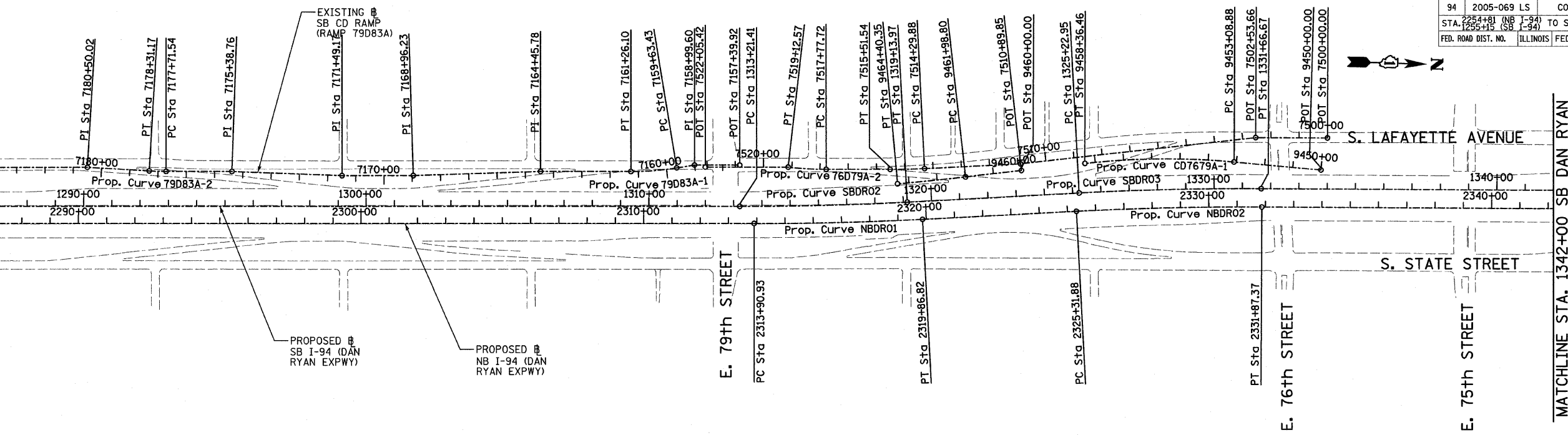
P:\02-313\road\2205\2205102\3.dwg  
 9/23/2008 9:38:15 AM



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	10
STA. 2254+81 (NB I-94) TO STA. 2253+45 (NB I-94)				
STA. 1255+15 (SB I-94) TO STA. 1263+40 (SB I-94)				
FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT	

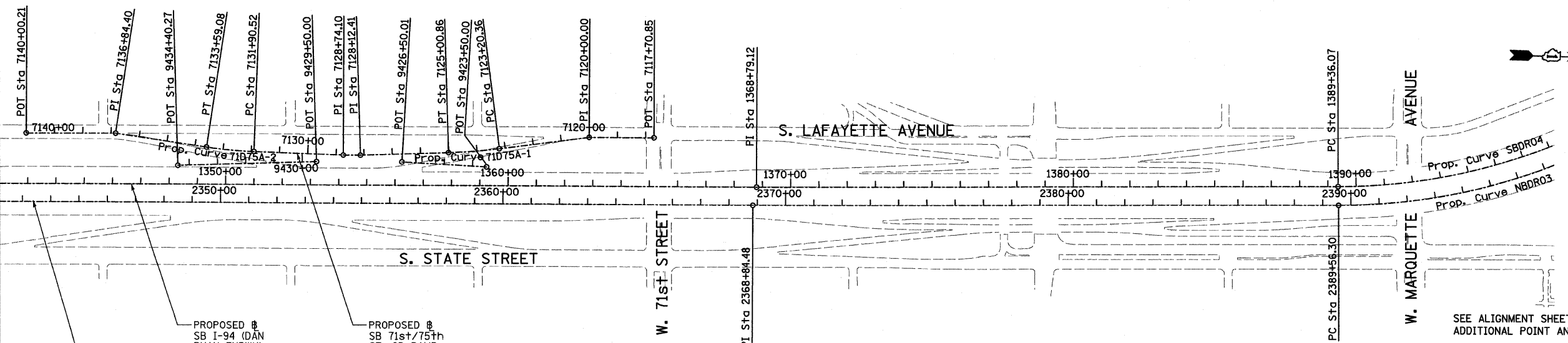
60A75

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



Prop. Curve NBDRO1	Prop. Curve NBDRO2	Prop. Curve NBDRO3	Prop. Curve SBDRO2	Prop. Curve SBDRO3	Prop. Curve SBDRO4
P.I. STA = 2316+88.94	P.I. STA = 2328+59.71	P.I. STA = 2398+13.58	P.I. STA = 1316+17.76	P.I. STA = 1328+44.90	P.I. STA = 1397+75.78
N = 1,853,051.58	N = 1,854,218.69	N = 1,861,170.38	N = 1,852,997.25	N = 1,854,220.54	N = 1,861,149.16
E = 1,177,504.84	E = 1,177,410.58	E = 1,177,231.19	E = 1,177,445.02	E = 1,177,346.22	E = 1,177,163.97
Δ = 2° 58' 38.60" (LT)	Δ = 3° 16' 48.34" (RT)	Δ = 44° 36' 17.12" (LT)	Δ = 2° 58' 38.60" (LT)	Δ = 3° 16' 11.04" (RT)	Δ = 44° 32' 58.56" (LT)
D = 0° 29' 58.77"	D = 0° 30' 01.44"	D = 2° 44' 29.13"	D = 0° 30' 08.86"	D = 0° 30' 28.59"	D = 2° 47' 41.70"
R = 11,467.00	R = 11,450.00	R = 2,090.00	R = 11,403.00	R = 11,280.00	R = 2,050.00
L = 595.89	L = 655.49	L = 1,627.06	L = 592.56	L = 643.72	L = 1,593.95
E = 3.87	E = 4.69	E = 168.99	E = 3.85	E = 4.59	E = 165.31
T = 298.01	T = 327.84	T = 857.27	T = 296.35	T = 321.95	T = 839.71
P.C. STA = 2313+90.93	P.C. STA = 2325+31.88	P.C. STA = 2389+56.30	P.C. STA = 1313+21.41	P.C. STA = 1325+22.95	P.C. STA = 1389+36.07
N = 1,852,753.69	N = 1,853,891.91	N = 1,860,313.48	N = 1,852,701.02	N = 1,853,899.63	N = 1,860,309.83
E = 1,177,513.37	E = 1,177,436.97	E = 1,177,256.19	E = 1,177,453.50	E = 1,177,372.14	E = 1,177,189.29
P.T. STA = 2319+86.82	P.T. STA = 2331+87.37	P.T. STA = 2405+83.37	P.T. STA = 1319+13.97	P.T. STA = 1331+66.67	P.T. STA = 1405+30.02
N = 1,853,348.62	N = 1,854,546.43	N = 1,861,762.92	N = 1,853,292.63	N = 1,854,542.40	N = 1,861,729.54
E = 1,177,480.85	E = 1,177,402.92	E = 1,176,611.65	E = 1,177,421.16	E = 1,177,338.64	E = 1,176,557.11

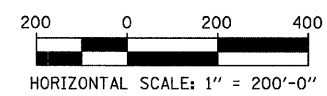
MATCHLINE STA. 1342+00 SB DAN RYAN



PROPOSED # NB I-94 (DAN RYAN EXPWY)  
PROPOSED # SB I-94 (DAN RYAN EXPWY)  
PROPOSED # SB 71st/75th ST. CD RAMP (RAMP 71075A)

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  
SHEET 3 OF 4

SCALE: 1"=200'  
DATE: JUNE 20, 2008  
DRAWN BY: JPM  
CHECKED BY: DAK

6/23/2008 9:38:14 AM

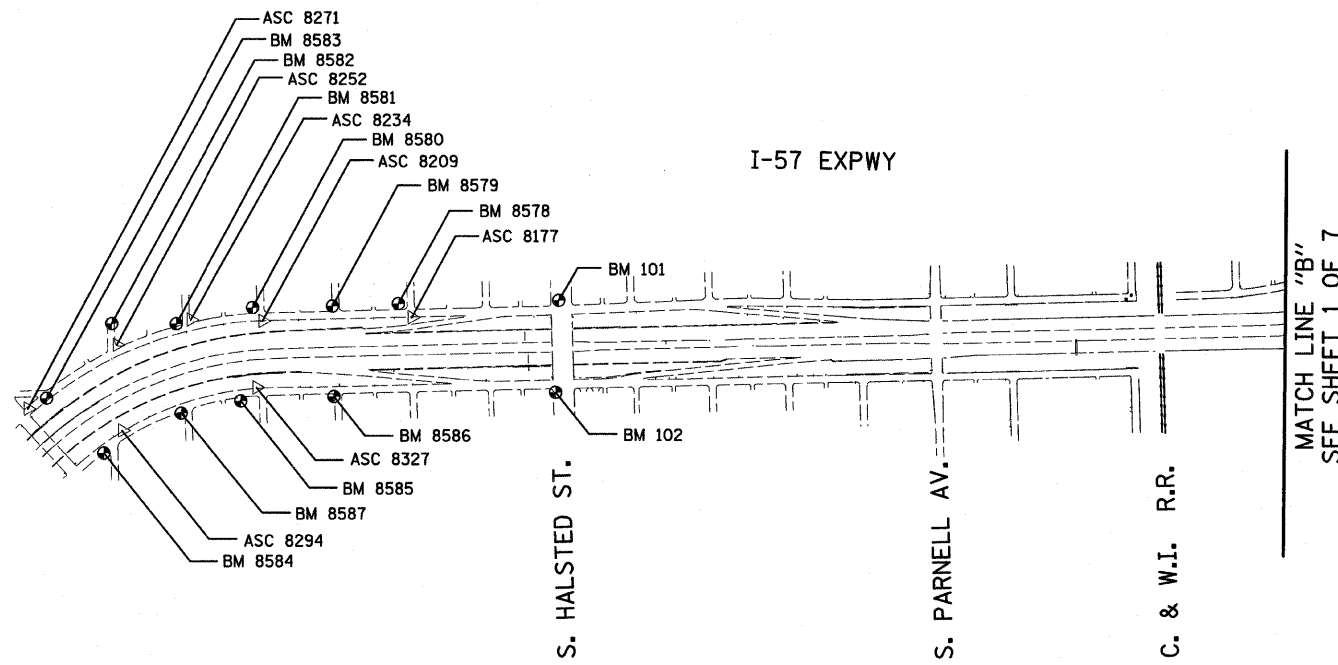






F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	13
STA. 2254+81 (NB I-94) TO STA. 2263+45 (NB I-94)				
1285+15 (SB I-94)		TO STA. 1283+40 (SB I-94)		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60A75



**American Surveying Consultants, P.C.**  
 1877 Plank Rd., Chicago, IL 60621 800 N. Northwest Highway, Chicago, IL 60621  
 312-461-4200 773-752-1200

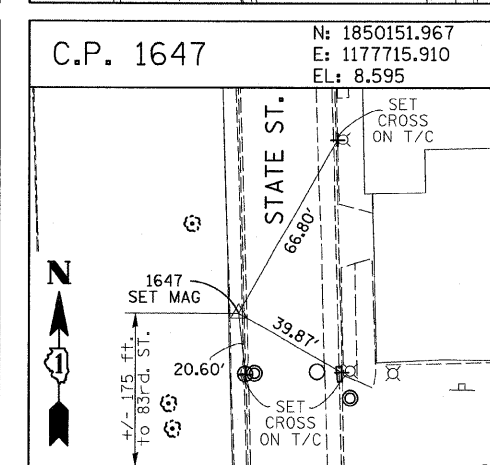
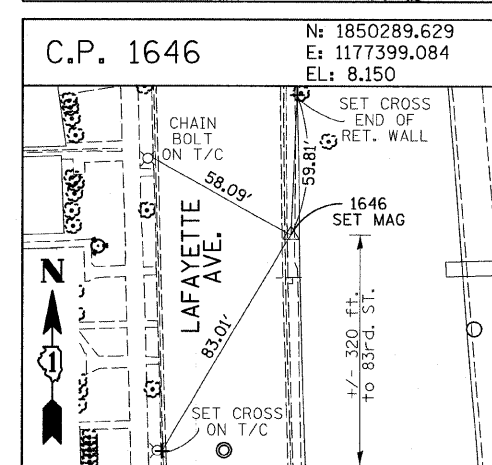
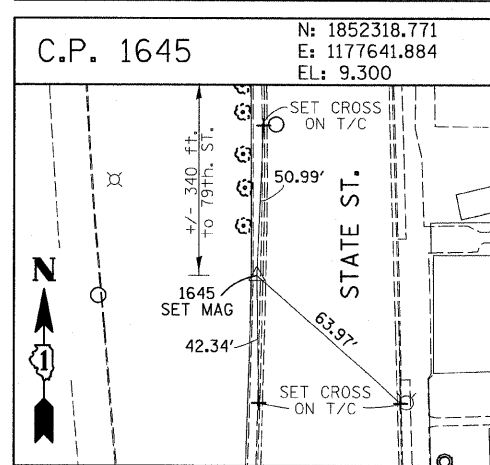
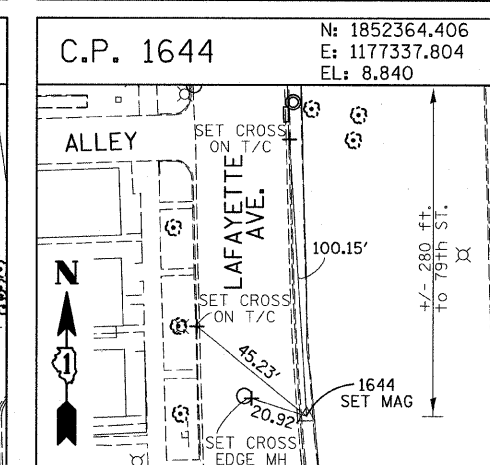
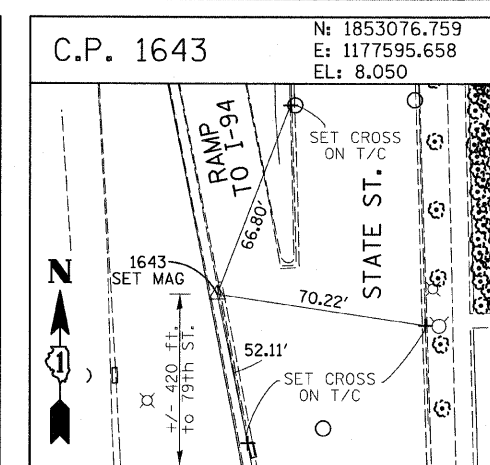
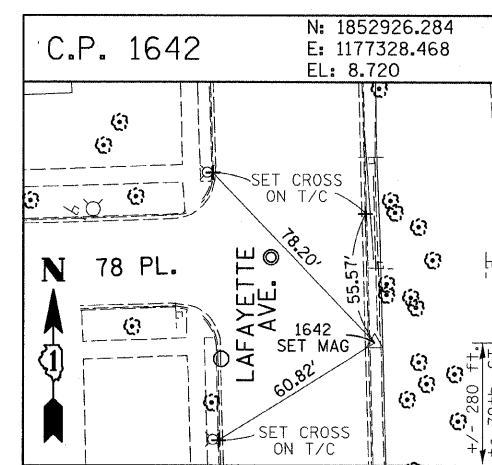
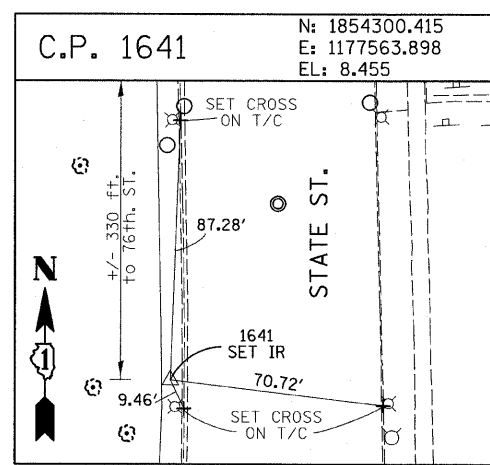
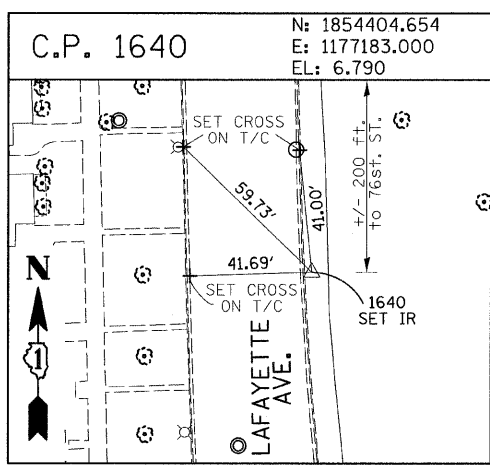
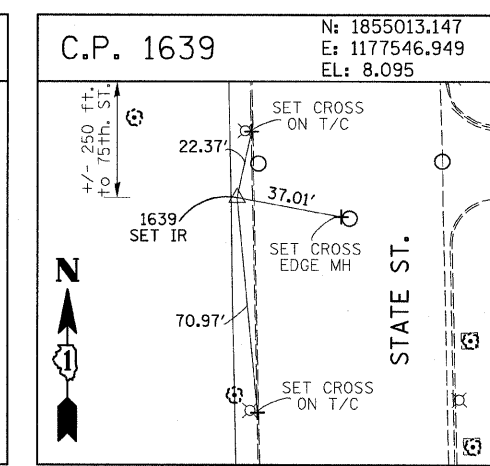
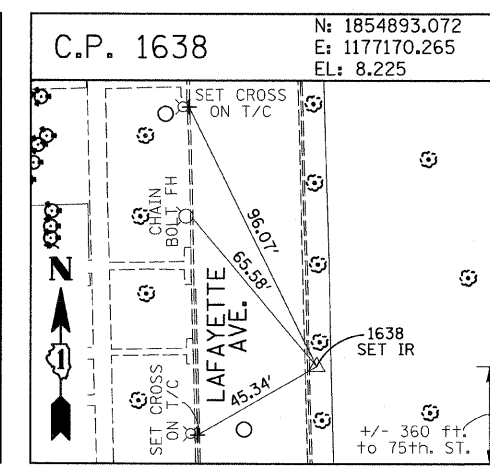
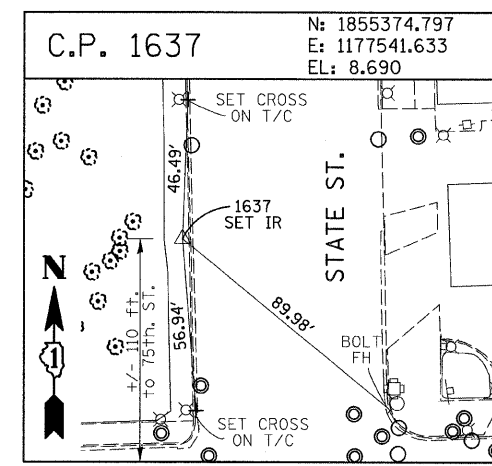
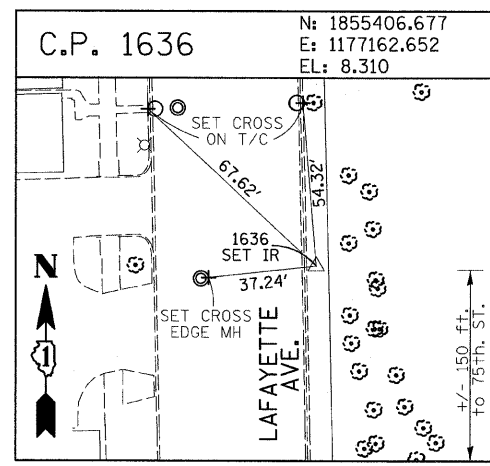
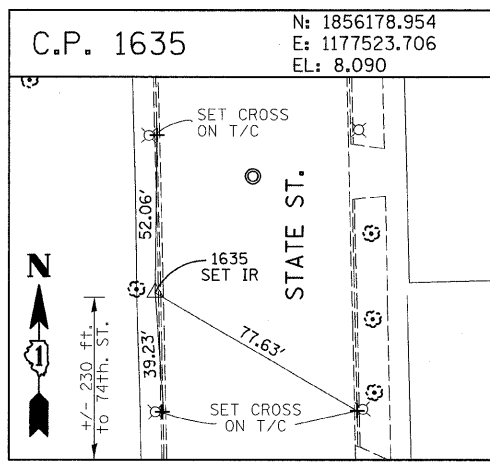
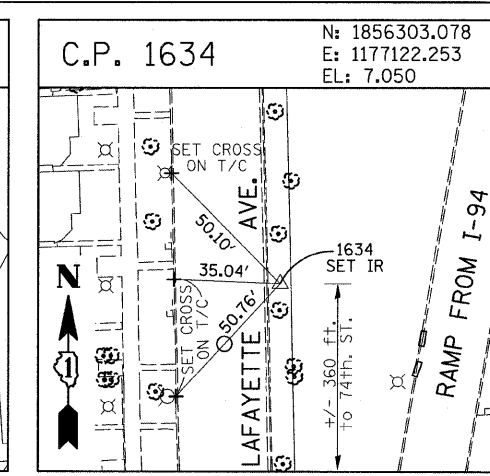
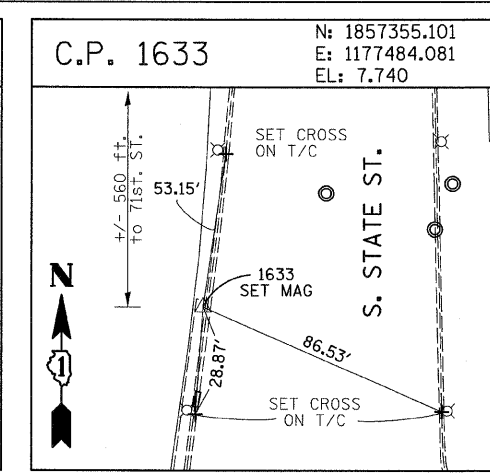
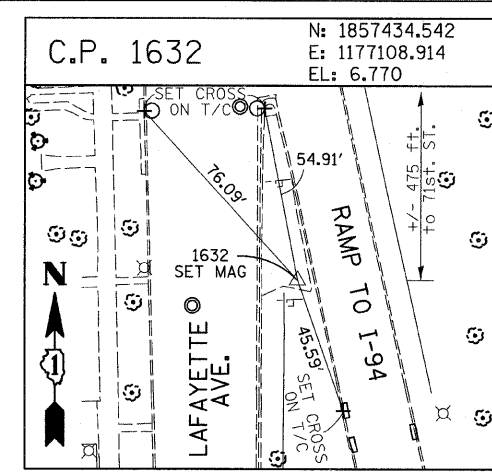
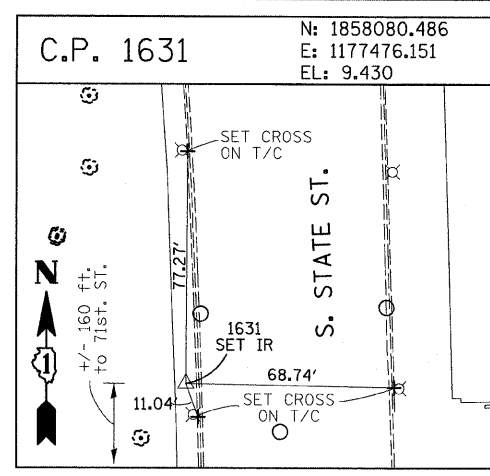
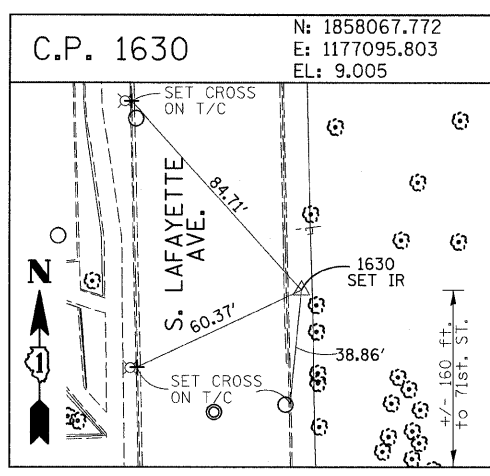
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 SURVEY TIES FOR CONTROL POINTS  
 SHEET 2 OF 7  
 SCALE: 1"=400'  
 DATE: JUNE 20, 2008  
 DRAWN BY: GSP  
 CHECKED BY: MMW

p:\0237 3V\road\222d\1226166.dwg 6/23/2008 9:38:16 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	14
STA. 2254+81 (NB I-94) TO STA. 2263+45 (NB I-94)				
STA. 1255+15 (SB I-94) TO STA. 1263+40 (SB I-94)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

60A75



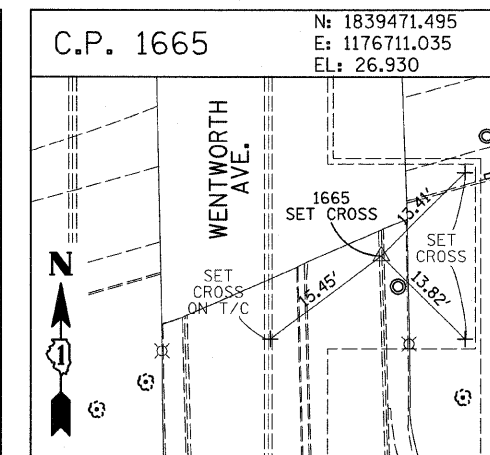
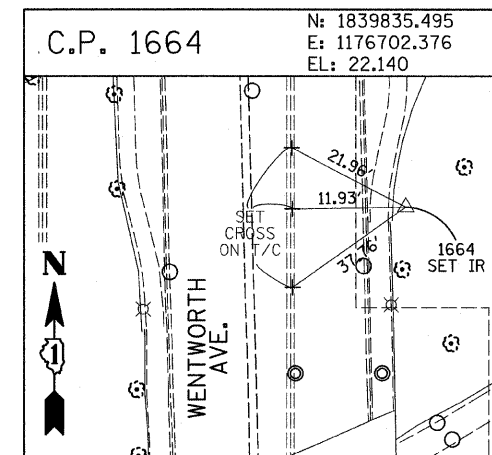
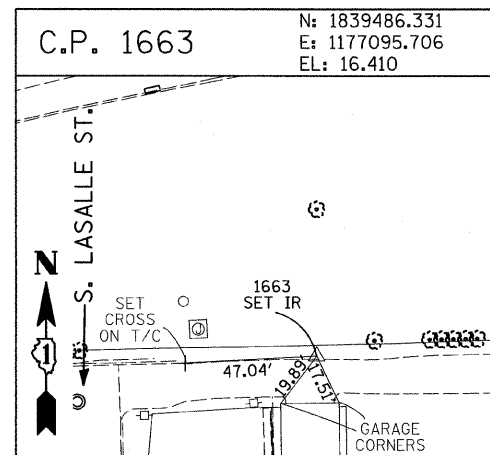
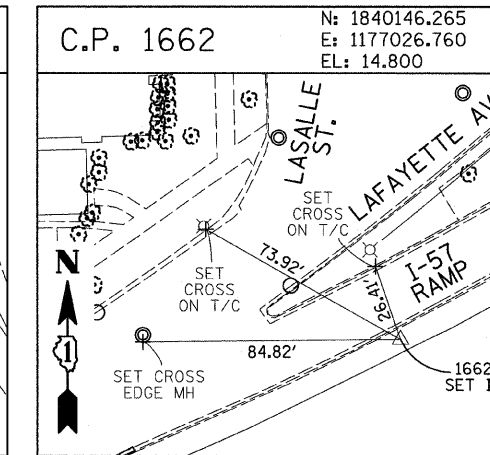
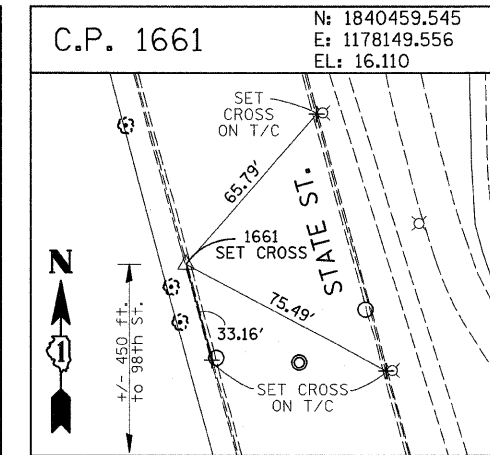
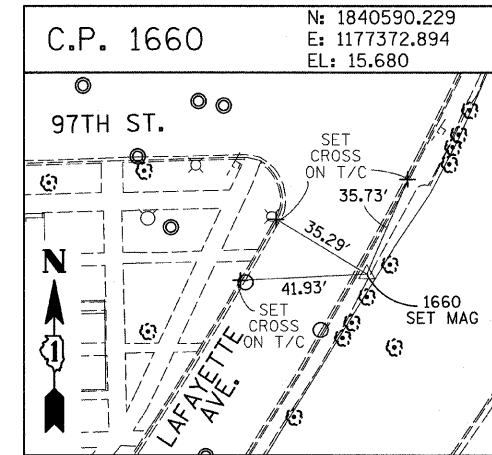
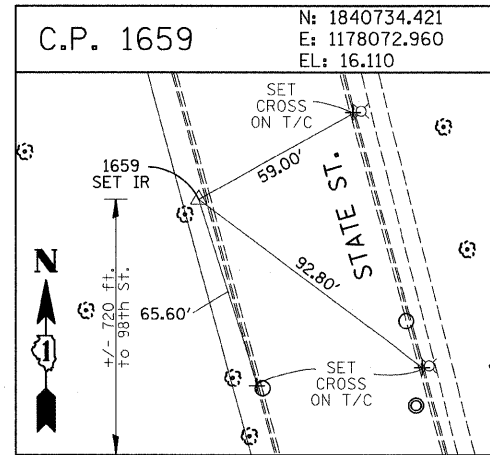
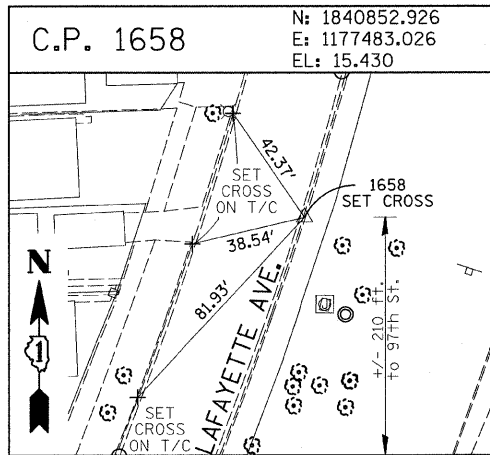
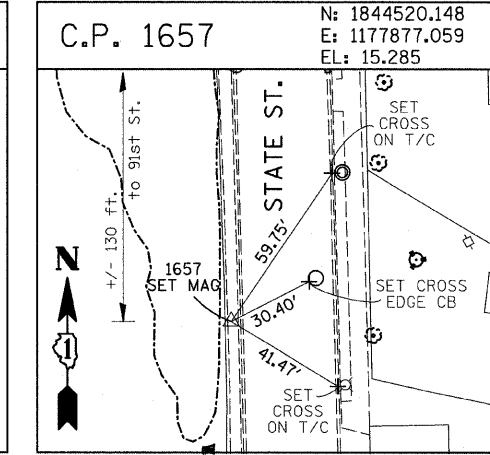
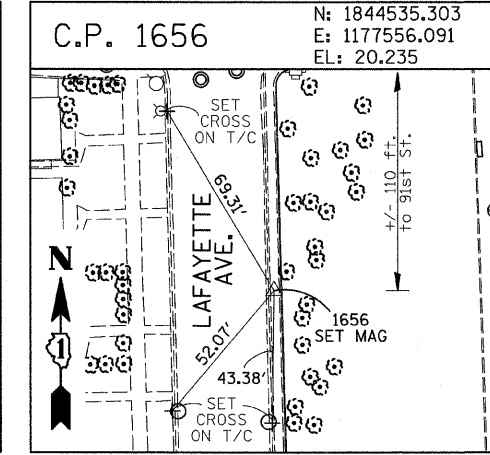
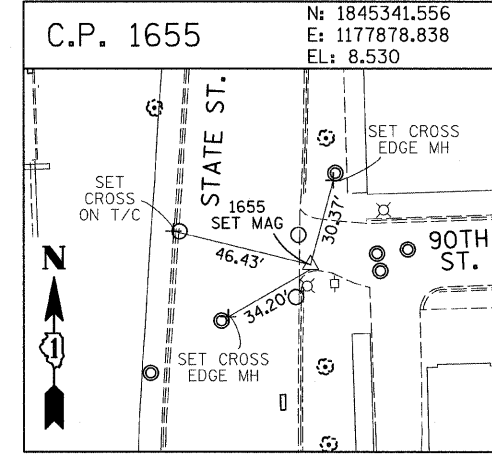
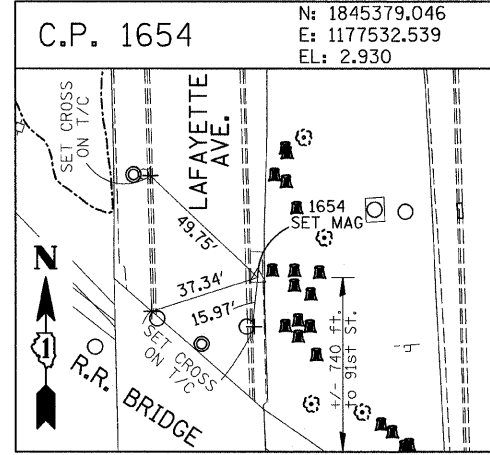
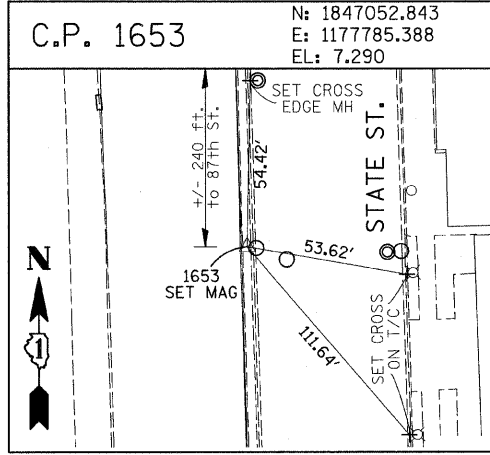
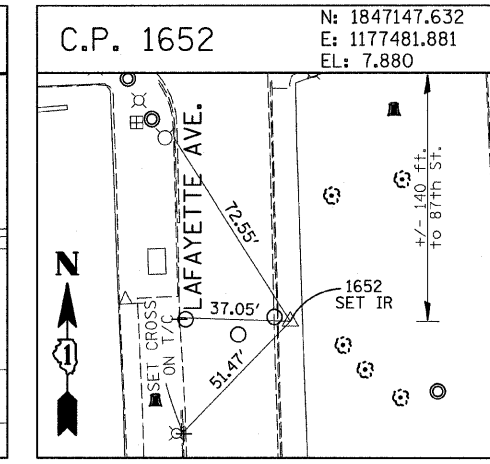
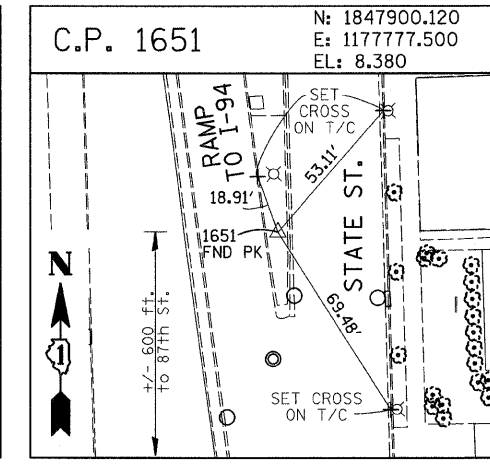
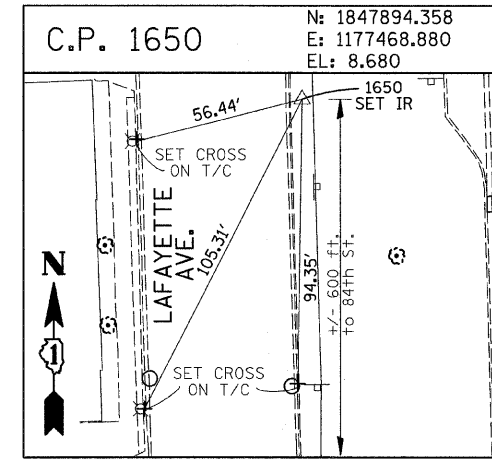
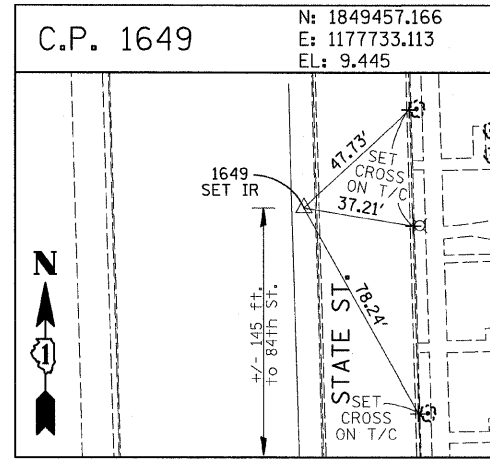
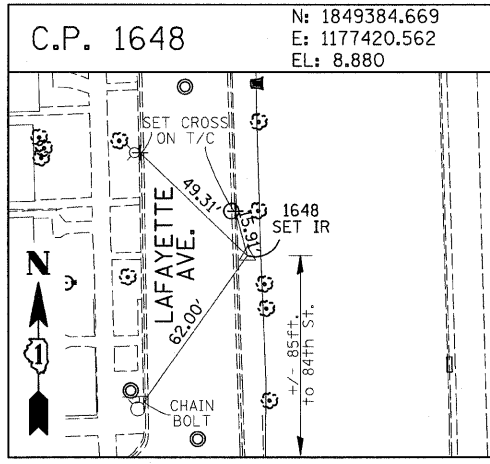
American Surveying Consultants, P.C.  
 1537 Plank Rd., Chicago, IL 60607  
 312-467-0231

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: JUNE 20, 2008  
 DRAWN BY: GSP  
 CHECKED BY: MMW

6/23/2008 9:36:17 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	15
STA. 1254+00 (SB 1-94)		TO STA. 1263+40 (SB 1-94)		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		60A75



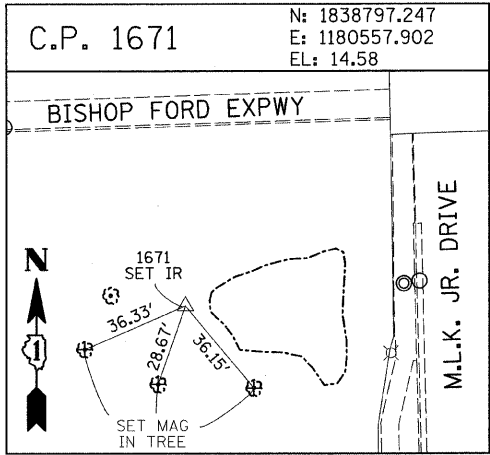
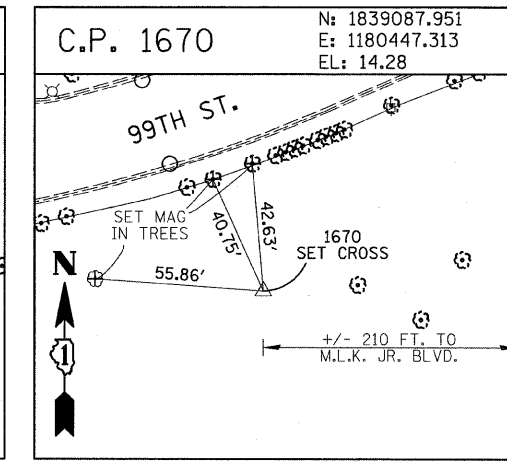
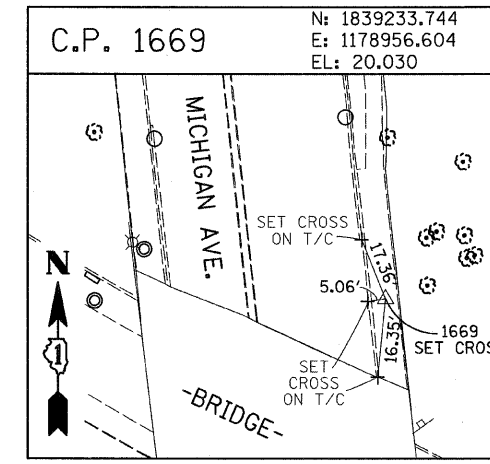
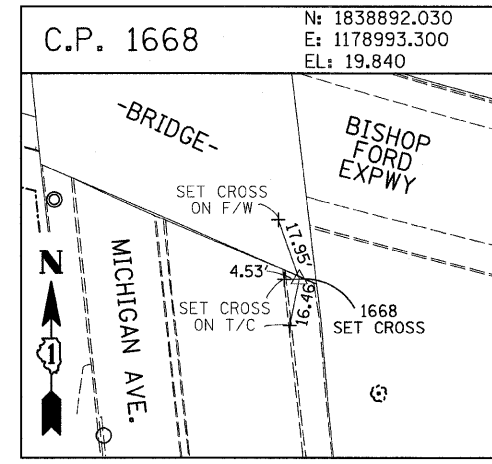
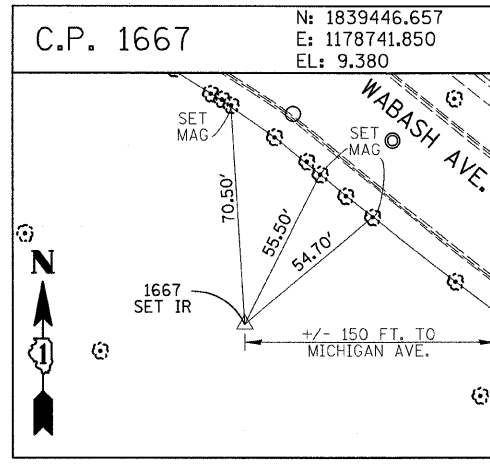
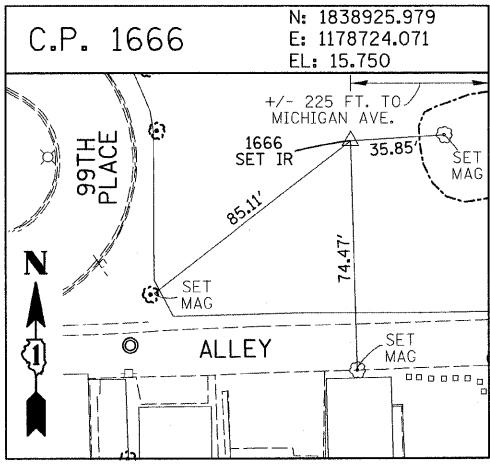
American Surveying Consultants, P.C.  
 1837 Park St., Chicago, IL 60611 800 N. Northwest Highway, Chicago, IL 60611

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: JUNE 20, 2008  
 DRAWN BY: GSP  
 CHECKED BY: MMW

P:\0237\31\road\2222\1222\60A75.dwg 9:36:18 AM 6/23/2008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	16
STA. 725+81 (NB I-94) TO STA. 725+45 (NB I-94)				
STA. 125+15 (SB I-94) TO STA. 125+40 (SB I-94)				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		60A75



**PROJECT BENCHMARKS**

- BM 2231 ELEVATION= 10.24 FEET  
SET CROSS ON CHAIN BOLT OF FIRE HYDRANT ON THE SOUTHWEST CORNER OF 71ST STREET AND LAFAYETTE AVENUE.
- BM 2232 ELEVATION= 8.46 FEET  
SET CROSS ON CHAIN BOLT OF FIRST FIRE HYDRANT SOUTH OF 73RD STREET ON THE WEST SIDE OF LAFAYETTE AVENUE. APPROXIMATELY 330 FEET SOUTH OF 73RD STREET.
- BM 2233 ELEVATION= 9.90 FEET  
SET CROSS ON NORTHWEST BOLT OF FIRE HYDRANT ON THE NORTHWEST CORNER OF 75TH STREET AND LAFAYETTE AVENUE.
- BM 2234 ELEVATION= 9.56 FEET  
SET CROSS ON CHAIN BOLT OF FIRST FIRE HYDRANT SOUTH OF 75TH STREET ON THE WEST SIDE OF LAFAYETTE AVENUE. APPROXIMATELY 320 FEET SOUTH OF 75TH STREET.
- BM 2235 ELEVATION= 7.50 FEET  
SET CROSS ON CHAIN BOLT OF FIRST FIRE HYDRANT SOUTH OF 76TH STREET ON THE WEST SIDE OF LAFAYETTE. APPROXIMATELY 330 FEET SOUTH OF 76TH STREET.
- BM 2236 ELEVATION= 10.41 FEET  
SET CROSS ON WEST BOLT OF FIRE HYDRANT ON THE SOUTHWEST CORNER OF 79TH STREET AND LAFAYETTE AVENUE.
- BM 2237 ELEVATION= 9.20 FEET  
SET CROSS ON CHAIN BOLT OF FIRST FIRE HYDRANT NORTH OF 83RD STREET ON THE WEST SIDE OF LAFAYETTE AVENUE. APPROXIMATELY 350 FEET NORTH OF 83RD STREET.
- BM 2238 ELEVATION= 10.04 FEET  
SET CROSS ON CHAIN BOLT OF FIRE HYDRANT OF THE NORTHWEST CORNER OF 4TH STREET AND LAFAYETTE AVENUE.
- BM 2239 ELEVATION= 9.59 FEET  
SET CROSS ON CHAIN BOLT OF SECOND FIRE HYDRANT NORTH OF 87TH STREET ON THE WEST SIDE OF LAFAYETTE AVENUE. APPROXIMATELY 720 FEET NORTH OF 87TH STREET.
- BM 2240 ELEVATION= 9.49 FEET  
SET CROSS ON THE NORTHWEST BOLT OF FIRE HYDRANT ON THE SOUTHWEST CORNER OF 78TH STREET AND LAFAYETTE AVENUE.
- BM 2241 ELEVATION= 3.63 FEET  
SET SQUARE CUT ON TOP OF CURB NEXT TO LIGHT POLE ON THE NORTHWEST CORNER OF LAFAYETTE AVENUE AND RAILROAD BRIDGE. APPROXIMATELY 770 FEET NORTH OF 91ST STREET.
- BM 2242 ELEVATION= 22.82 FEET  
SET CROSS ON CHAIN BOLT OF FIRE HYDRANT ON THE SOUTHWEST CORNER OF 91ST STREET AND LAFAYETTE AVENUE.
- BM 2243 ELEVATION= 15.68 FEET  
SET SQUARE CUT ON THE TOP OF CURB NEXT TO THIRD LIGHT POLE NORTH OF 97TH STREET ON THE WEST SIDE OF LAFAYETTE AVENUE. APPROXIMATELY 260 FEET NORTH OF 97TH STREET.
- BM 2244 ELEVATION= 15.94 FEET  
SET SQUARE CUT ON TOP OF CURB NEXT TO LIGHT POLE ON THE NORTH SIDE OF 98TH STREET. APPROXIMATELY 120 FEET EAST OF WENTWORTH AVENUE.
- BM 2245 ELEVATION= 16.35 FEET  
SET SQUARE CUT ON THE EAST END OF CURB AT THE NORTHEAST CORNER OF FIRST ALLEY NORTH OF 99TH STREET. APPROXIMATELY 35 FEET EAST OF LASALLE STREET.
- BM 2246 ELEVATION= 20.00 FEET  
SET SQUARE CUT WITH CROSS ON TOP OF ABUTMENT WALL ON THE NORTHWEST CORNER OF STATE STREET BRIDGE OVER THE BISHOP FORD EXPRESSWAY. APPROXIMATELY 20 FEET NORTH OF THE NORTH EDGE OF THE BRIDGE.
- BM 2248 ELEVATION= 9.77 FEET  
SET CROSS ON CHAIN BOLT OF FIRST FIRE HYDRANT NORTH OF RAILROAD BRIDGE ON THE EAST SIDE OF STATE STREET. APPROXIMATELY 110 FEET SOUTH OF 90TH STREET.
- BM 2249 ELEVATION= 9.67 FEET  
SET CROSS ON CHAIN BOLT OF FIRE HYDRANT ON THE NORTHWEST CORNER OF 87TH AND STATE STREET.
- BM 2250 ELEVATION= 10.03 FEET  
SET CROSS ON CHAIN BOLT OF FIRE HYDRANT ON THE NORTHWEST CORNER OF 83RD ST. AND STATE STREET.
- BM 2251 ELEVATION= 10.95 FEET  
FOUND CROSS ON EAST BOLT OF FIRE HYDRANT ON THE EAST SIDE OF STATE STREET. APPROXIMATELY 135 FEET NORTH OF 79TH STREET.
- BM 2252 ELEVATION= 10.02 FEET  
SET CROSS ON WEST BOLT OF FIRE HYDRANT ON THE NORTHWEST CORNER OF STATE STREET AND 76TH STREET.
- BM 2254 ELEVATION= 9.17 FEET  
SET CROSS ON CHAIN BOLT OF FIRST FIRE HYDRANT SOUTH OF 73RD STREET ON THE EAST SIDE OF STATE STREET. APPROXIMATELY 330 FEET SOUTH OF 73RD STREET.
- BM 2255 ELEVATION= 11.25 FEET  
SET CROSS ON CHAIN BOLT OF FIRE HYDRANT ON THE NORTHWEST CORNER OF 71ST STREET AND STATE STREET.
- BM 2256 ELEVATION= 16.36 FEET  
SET SQUARE CUT ON TOP OF ABUTMENT WALL ON THE NORTHWEST CORNER OF MARTIN LUTHER KING DRIVE BRIDGE OVER THE BISHOP FORD EXPRESSWAY. APPROXIMATELY 1 FOOT NORTH OF THE NORTH END OF THE BRIDGE.
- BM 2257 ELEVATION= 18.25 FEET  
SET CROSS ON NORTHEAST BOLT OF LIGHT POLE BASE ON THE EAST SIDE OF STATE STREET. APPROXIMATELY 970 FEET SOUTH OF 95TH STREET.
- BM 2258 ELEVATION= 10.53 FEET  
SET CROSS ON NORTHWEST BOLT OF LIGHT BASE ON NORTHWEST CORNER OF 71ST STREET AND LAFAYETTE AVENUE.

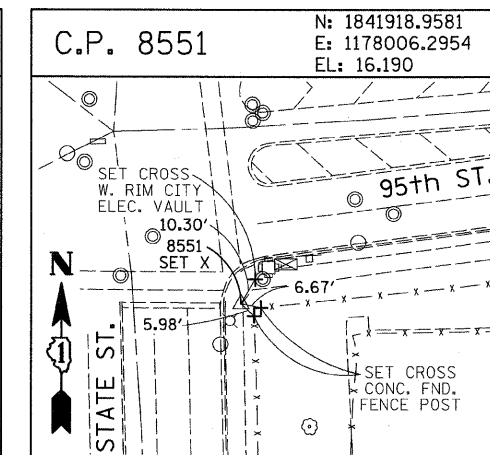
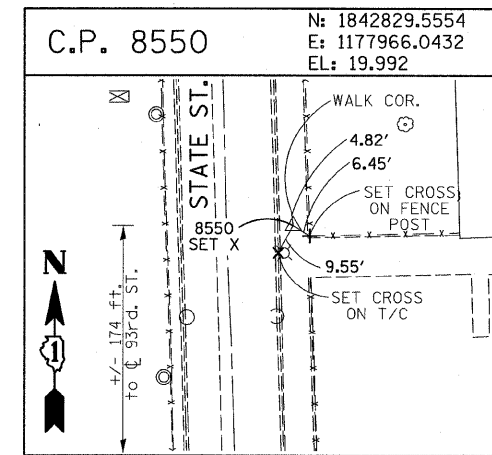
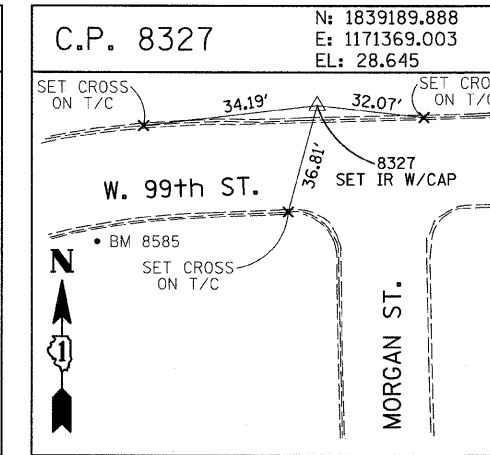
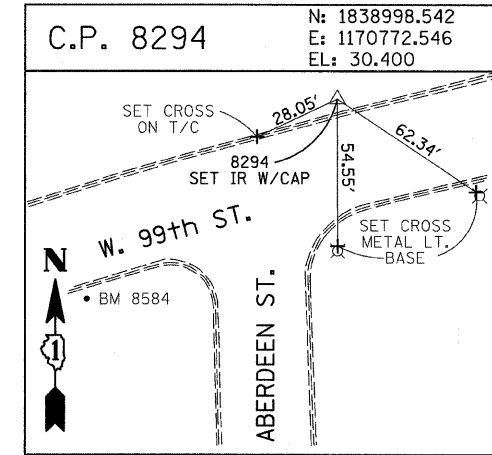
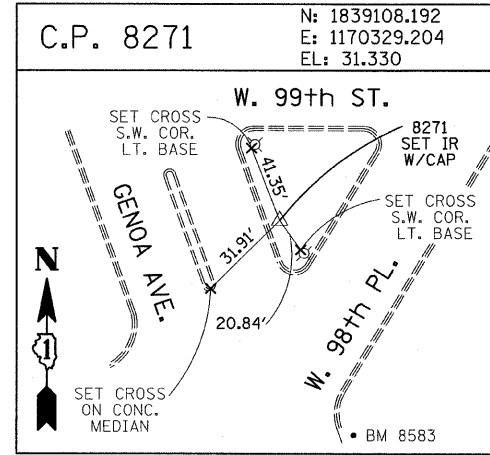
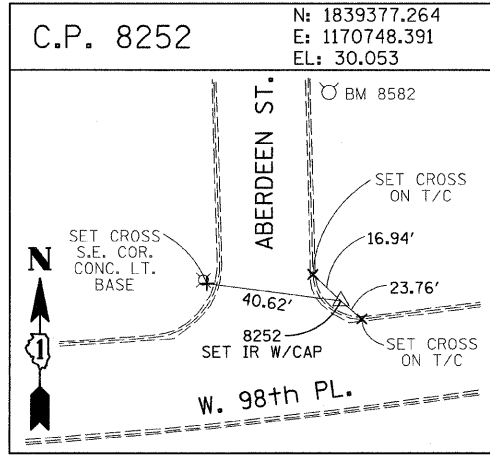
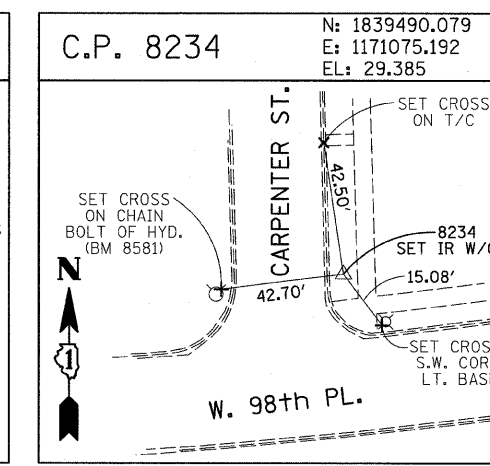
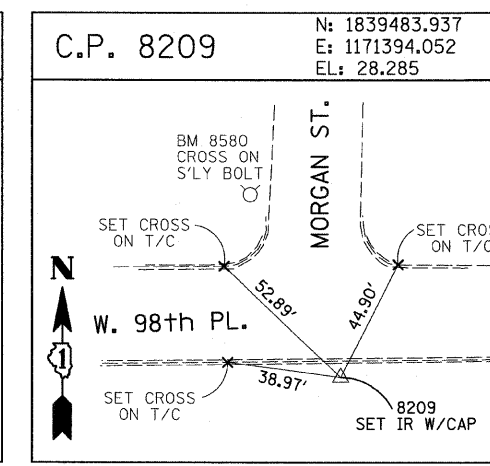
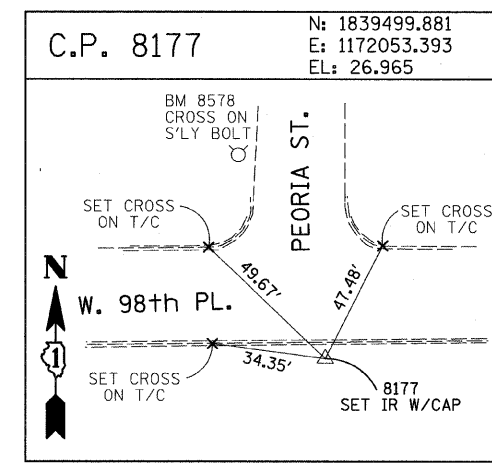
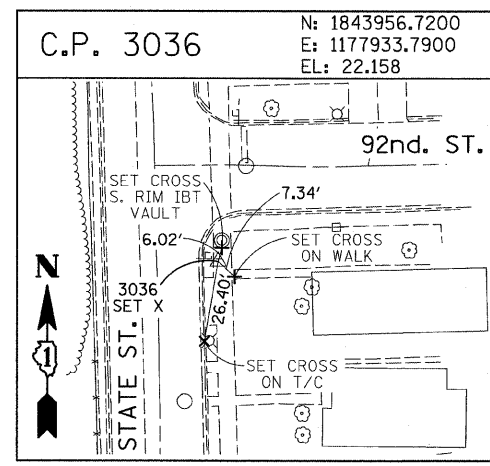
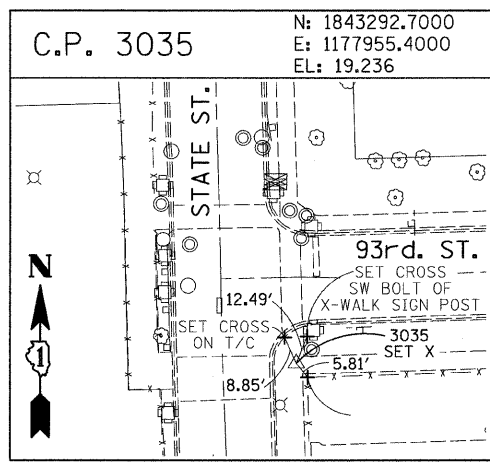
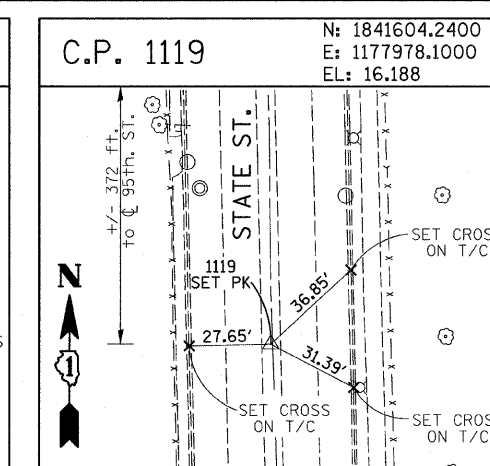
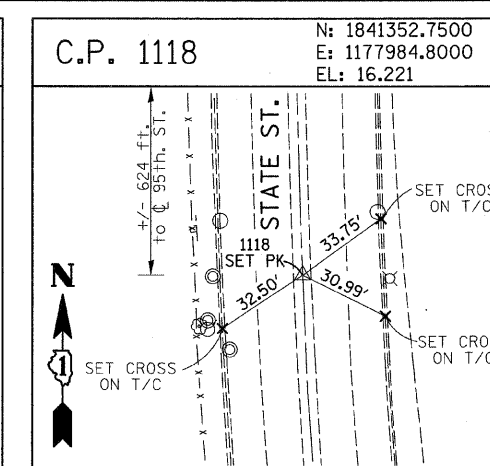
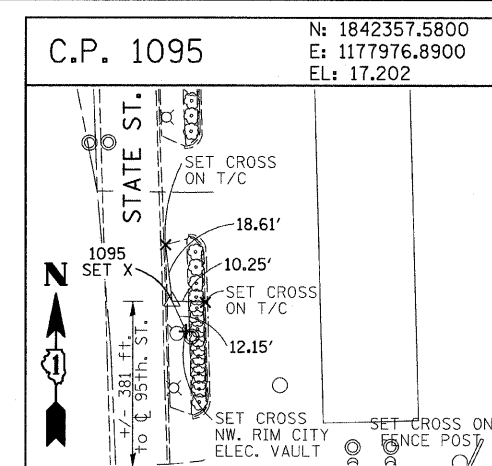
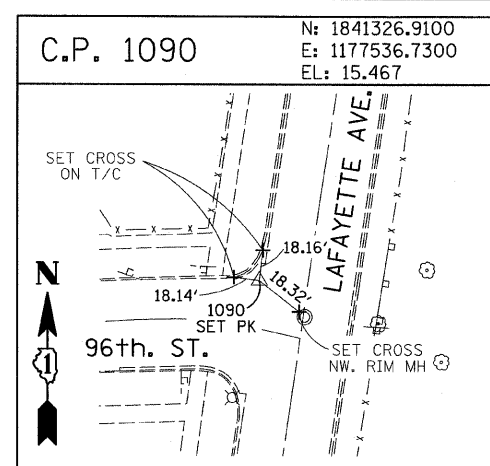
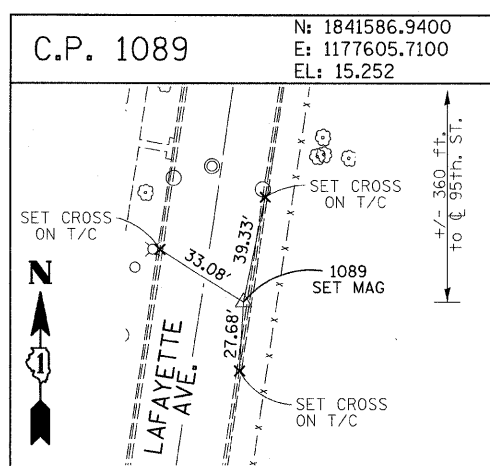
REVISIONS	
NAME	DATE

6/23/2008 9:38:19 AM



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	17
STA. 125+15 (SB T-94)		TO STA. 125+45 (NB T-94)		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

60A75



American Surveying Consultants, P.C.  
 1437 Park St., Chicago, IL 60607  
 312-464-8231

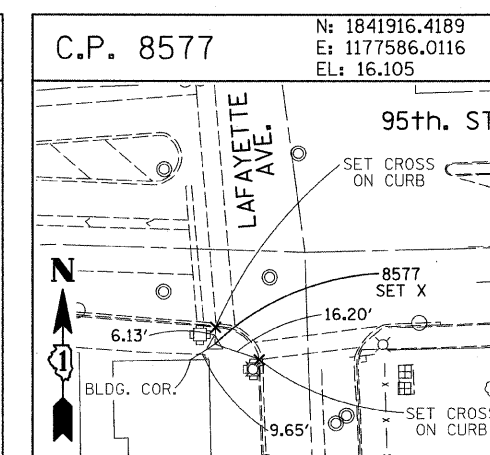
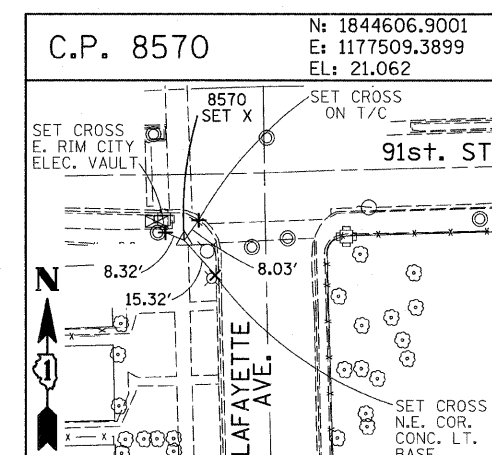
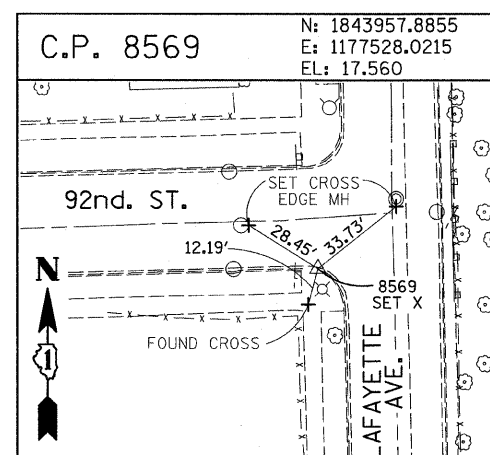
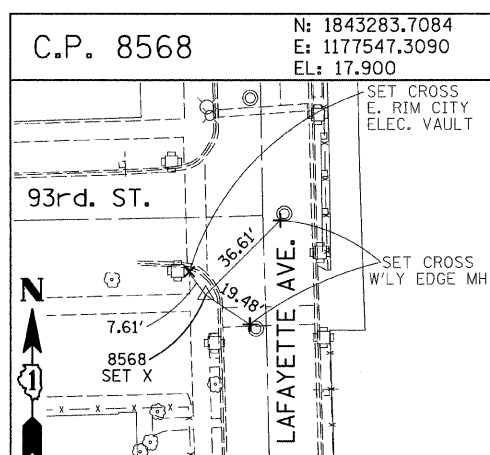
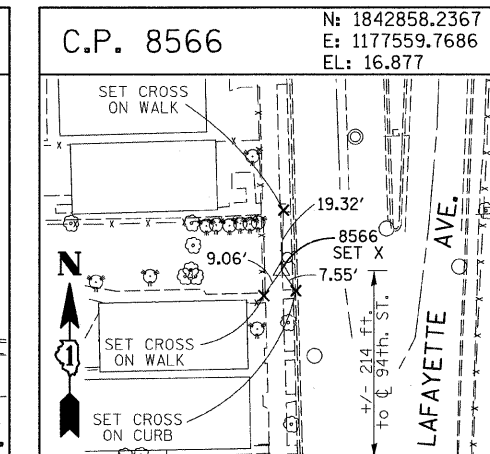
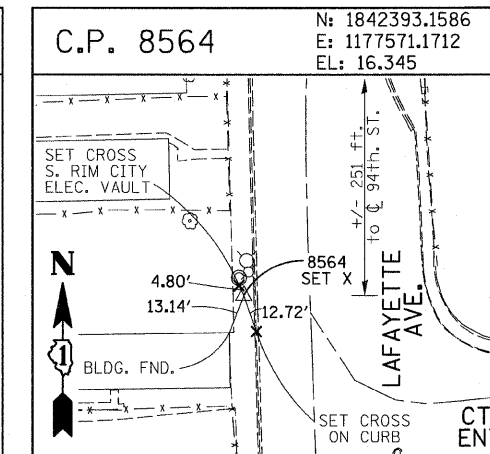
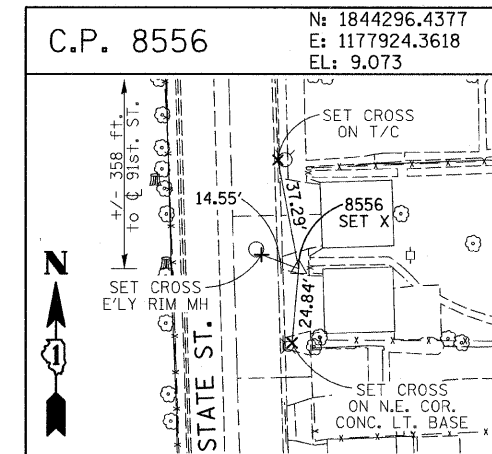
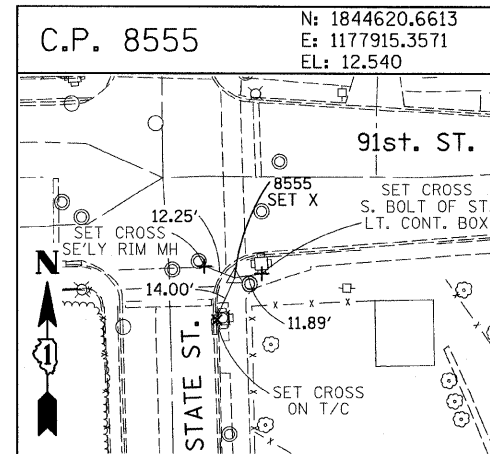
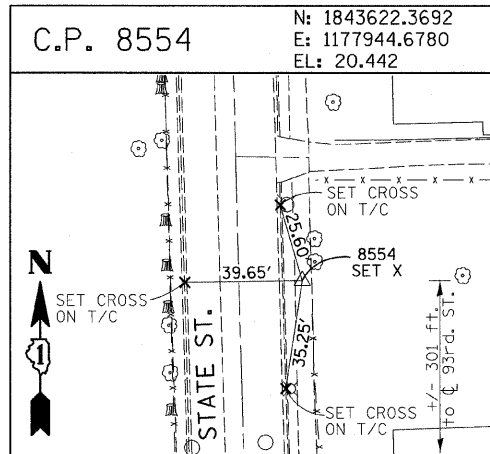
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 SURVEY TIES FOR CONTROL POINTS  
 SHEET 6 OF 7  
 SCALE: 1"=30'  
 DATE: JUNE 20, 2008  
 DRAWN BY: GSP  
 CHECKED BY: MMW

5/23/2008 9:39:52 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	18
STA. 1254+81 (NB I-94) TO STA. 1263+45 (NB I-94)		STA. 1254+15 (SB I-94) TO STA. 1263+10 (SB I-94)		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

60A75



**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)

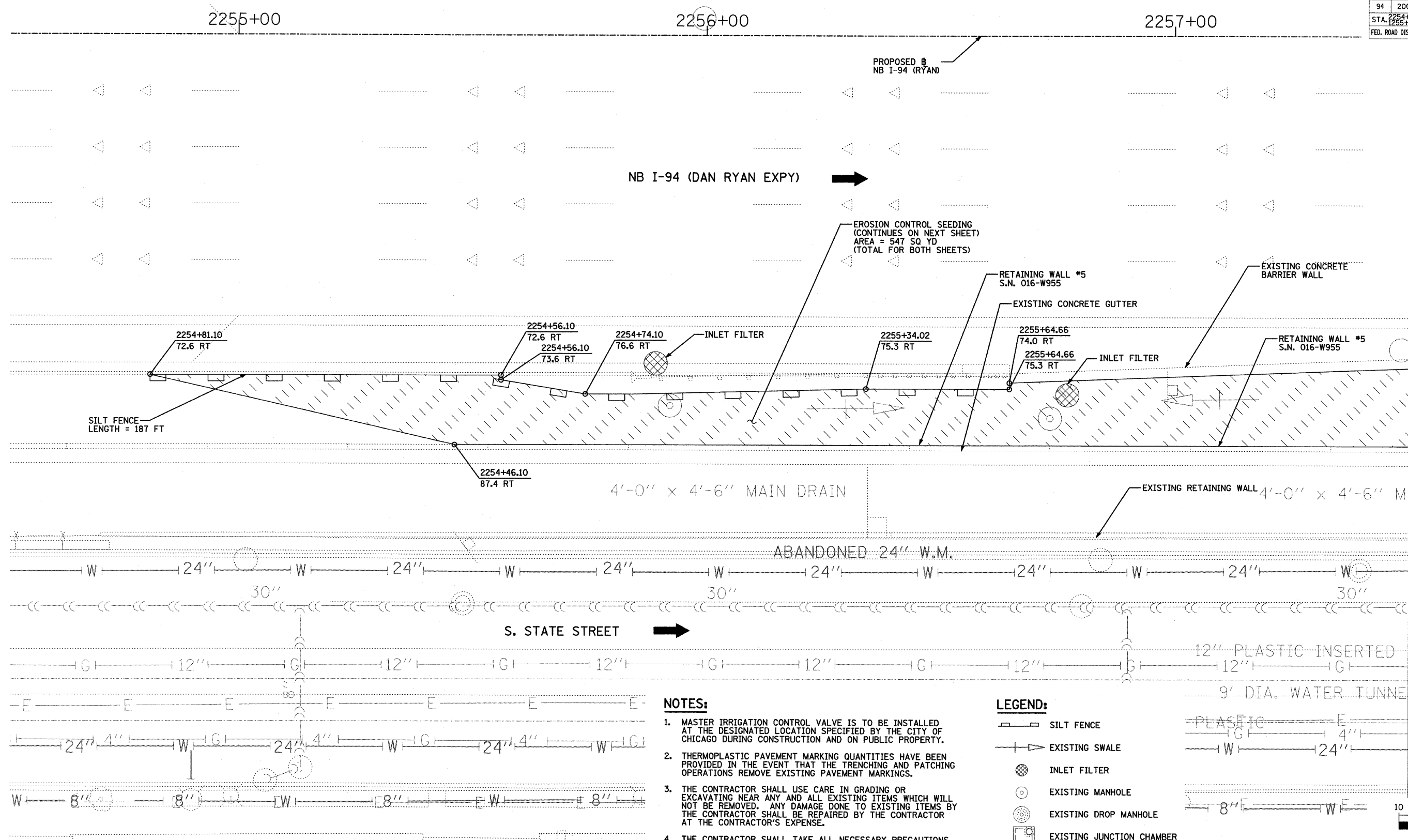
**SURVEY TIES FOR CONTROL POINTS**  
 SHEET 7 OF 7

SCALE: 1"=30'  
 DATE: JUNE 20, 2008

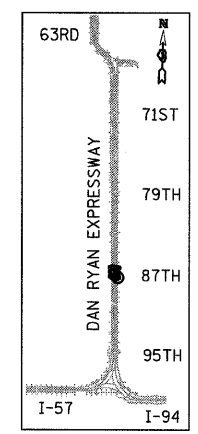
DRAWN BY: GSP  
 CHECKED BY: MMW

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	18A
STA. 2254+81.10 (NB I-94)		TO STA. 2257+45 (NB I-94)		
STA. 1255+15 (SB I-94)		TO STA. 1263+40 (SB I-94)		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

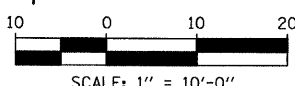
60A75



MATCHLINE NB I-94 (RYAN) STA. 2257+50.00



LOCATION MAP



**NOTES:**

1. MASTER IRRIGATION CONTROL VALVE IS TO BE INSTALLED AT THE DESIGNATED LOCATION SPECIFIED BY THE CITY OF CHICAGO DURING CONSTRUCTION AND ON PUBLIC PROPERTY.
2. THERMOPLASTIC PAVEMENT MARKING QUANTITIES HAVE BEEN PROVIDED IN THE EVENT THAT THE TRENCHING AND PATCHING OPERATIONS REMOVE EXISTING PAVEMENT MARKINGS.
3. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
4. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201.07 OF THE STANDARD SPECIFICATIONS
5. ANY EXISTING SUB-BASE MATERIAL SHALL BE REPLACED IN KIND WITH SUB-BASE GRANULAR MATERIAL, TYPE B 6". THE COST SHALL BE INCLUDED IN THE PROPOSED RESTORATION PAY ITEM.

**LEGEND:**

- SILT FENCE
- EXISTING SWALE
- INLET FILTER
- EXISTING MANHOLE
- EXISTING DROP MANHOLE
- EXISTING JUNCTION CHAMBER
- DIRECTION OF TRAFFIC
- AREA FOR TEMPORARY EROSION CONTROL SEEDING
- GATEWAY AREA (SEE LANDSCAPE PLANS)
- IRRIGATION WATER SERVICE (SEE PLANS FOR TYPE)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 WATER SERVICE AND EROSION CONTROL PLAN  
 SE & NE QUADRANTS AT 87TH ST - NB I-94  
 STA. 2254+81.10 TO STA. 2257+50.00  
 SHEET 1A OF 2

SCALE: 1"=10'-0"  
 DATE: JUNE 20, 2008

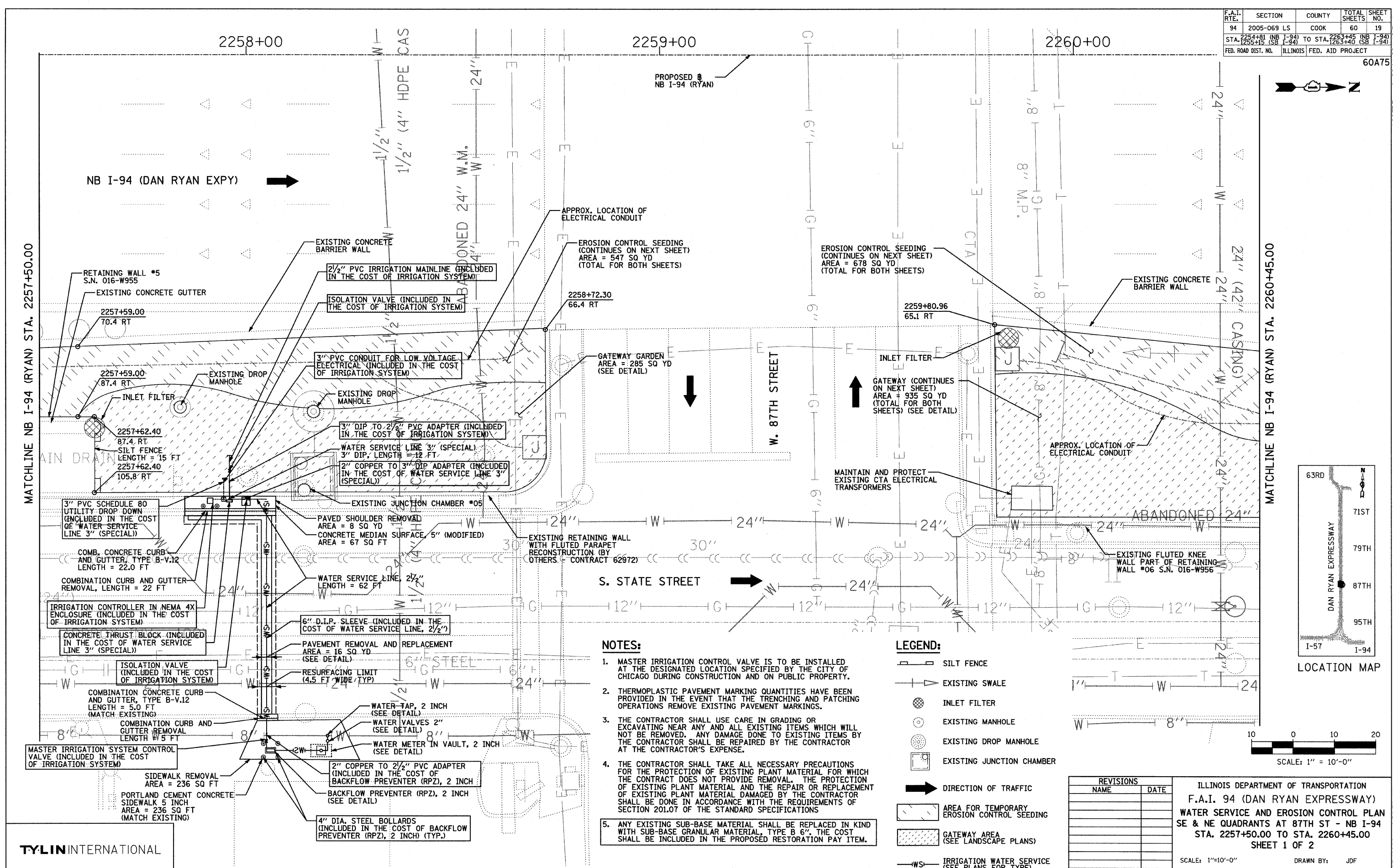
DRAWN BY: JDF  
 CHECKED BY: JPM

**TYLIN** INTERNATIONAL

6/23/2008 9:36:31 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	19
STA. 2254+81 (NB I-94) TO STA. 2263+40 (NB I-94)		ILLINOIS FED. AID PROJECT		

60A75



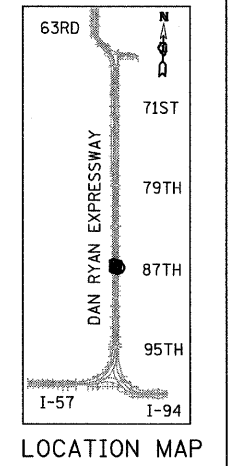
- NOTES:**
1. MASTER IRRIGATION CONTROL VALVE IS TO BE INSTALLED AT THE DESIGNATED LOCATION SPECIFIED BY THE CITY OF CHICAGO DURING CONSTRUCTION AND ON PUBLIC PROPERTY.
  2. THERMOPLASTIC PAVEMENT MARKING QUANTITIES HAVE BEEN PROVIDED IN THE EVENT THAT THE TRENCHING AND PATCHING OPERATIONS REMOVE EXISTING PAVEMENT MARKINGS.
  3. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
  4. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201.07 OF THE STANDARD SPECIFICATIONS
  5. ANY EXISTING SUB-BASE MATERIAL SHALL BE REPLACED IN KIND WITH SUB-BASE GRANULAR MATERIAL, TYPE B 6". THE COST SHALL BE INCLUDED IN THE PROPOSED RESTORATION PAY ITEM.

- LEGEND:**
- SILT FENCE
  - EXISTING SWALE
  - INLET FILTER
  - EXISTING MANHOLE
  - EXISTING DROP MANHOLE
  - EXISTING JUNCTION CHAMBER
  - DIRECTION OF TRAFFIC
  - AREA FOR TEMPORARY EROSION CONTROL SEEDING
  - GATEWAY AREA (SEE LANDSCAPE PLANS)
  - IRRIGATION WATER SERVICE (SEE PLANS FOR TYPE)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
 WATER SERVICE AND EROSION CONTROL PLAN  
 SE & NE QUADRANTS AT 87TH ST - NB I-94  
 STA. 2257+50.00 TO STA. 2260+45.00  
 SHEET 1 OF 2

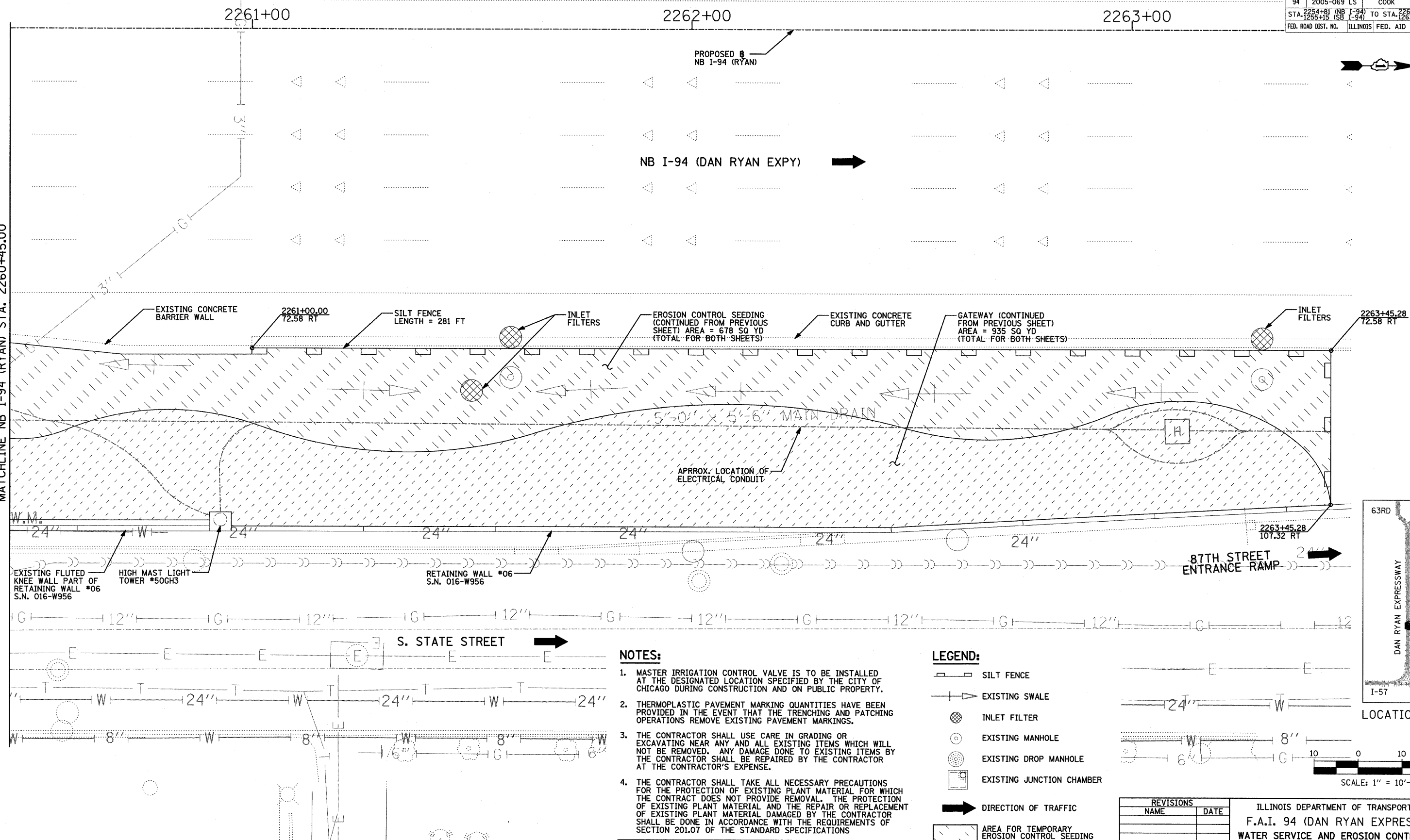
SCALE: 1"=10'-0"  
 DATE: JUNE 20, 2008  
 DRAWN BY: JDF  
 CHECKED BY: JPM



**TYLIN INTERNATIONAL**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	20
STA. 2254+81 (NB I-94) TO STA. 2263+40 (SB I-94)		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		60A75		

MATCHLINE NB I-94 (RYAN) STA. 2260+45.00



**NOTES:**

1. MASTER IRRIGATION CONTROL VALVE IS TO BE INSTALLED AT THE DESIGNATED LOCATION SPECIFIED BY THE CITY OF CHICAGO DURING CONSTRUCTION AND ON PUBLIC PROPERTY.
2. THERMOPLASTIC PAVEMENT MARKING QUANTITIES HAVE BEEN PROVIDED IN THE EVENT THAT THE TRENCHING AND PATCHING OPERATIONS REMOVE EXISTING PAVEMENT MARKINGS.
3. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
4. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201.07 OF THE STANDARD SPECIFICATIONS
5. ANY EXISTING SUB-BASE MATERIAL SHALL BE REPLACED IN KIND WITH SUB-BASE GRANULAR MATERIAL, TYPE B 6", THE COST SHALL BE INCLUDED IN THE PROPOSED RESTORATION PAY ITEM.

**LEGEND:**

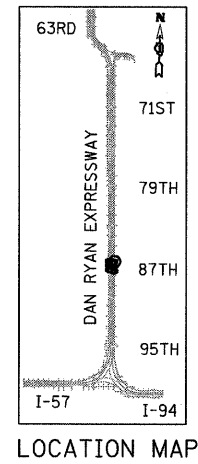
- SILT FENCE
- EXISTING SWALE
- INLET FILTER
- EXISTING MANHOLE
- EXISTING DROP MANHOLE
- EXISTING JUNCTION CHAMBER
- DIRECTION OF TRAFFIC
- AREA FOR TEMPORARY EROSION CONTROL SEEDING
- GATEWAY AREA (SEE LANDSCAPE PLANS)
- IRRIGATION WATER SERVICE (SEE PLANS FOR TYPE)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**WATER SERVICE AND EROSION CONTROL PLAN**  
**SE & NE QUADRANTS AT 87TH ST - NB I-94**  
**STA. 2260+45.00 TO STA. 2263+45.28**  
**SHEET 2 OF 2**

SCALE: 1"=10'-0"  
 DATE: JUNE 20, 2008

DRAWN BY: JDF  
 CHECKED BY: JPM

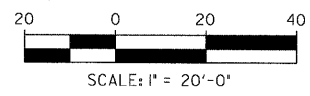
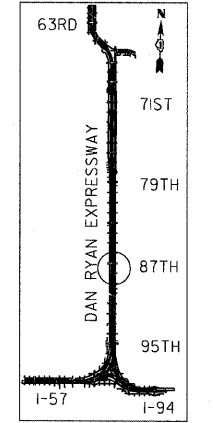
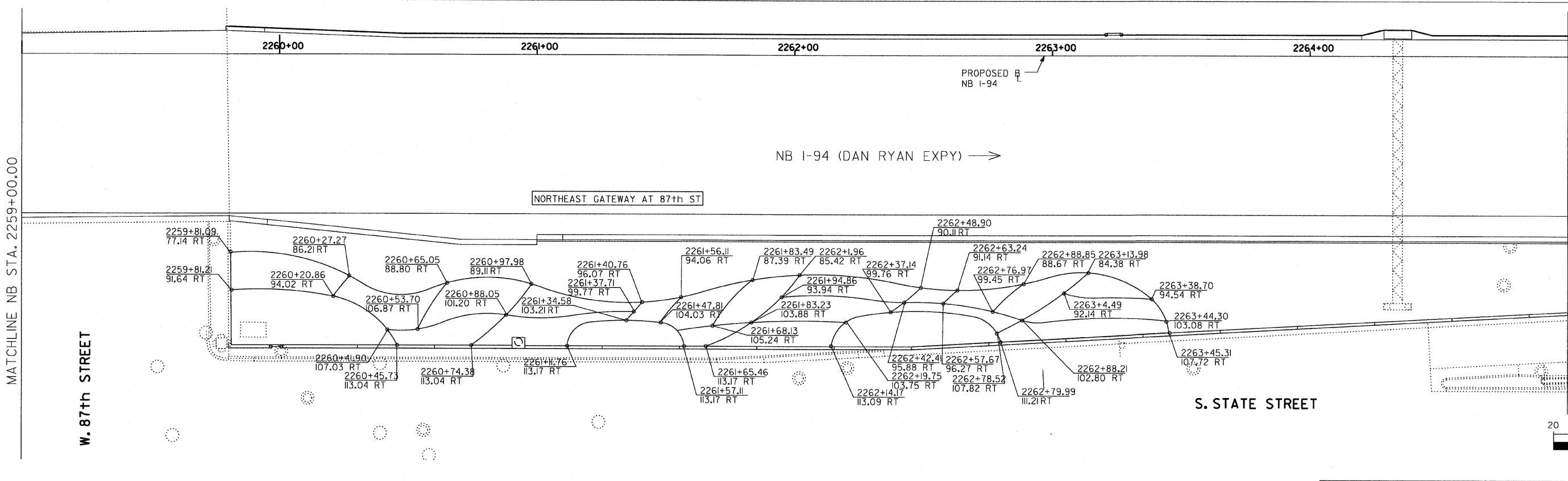
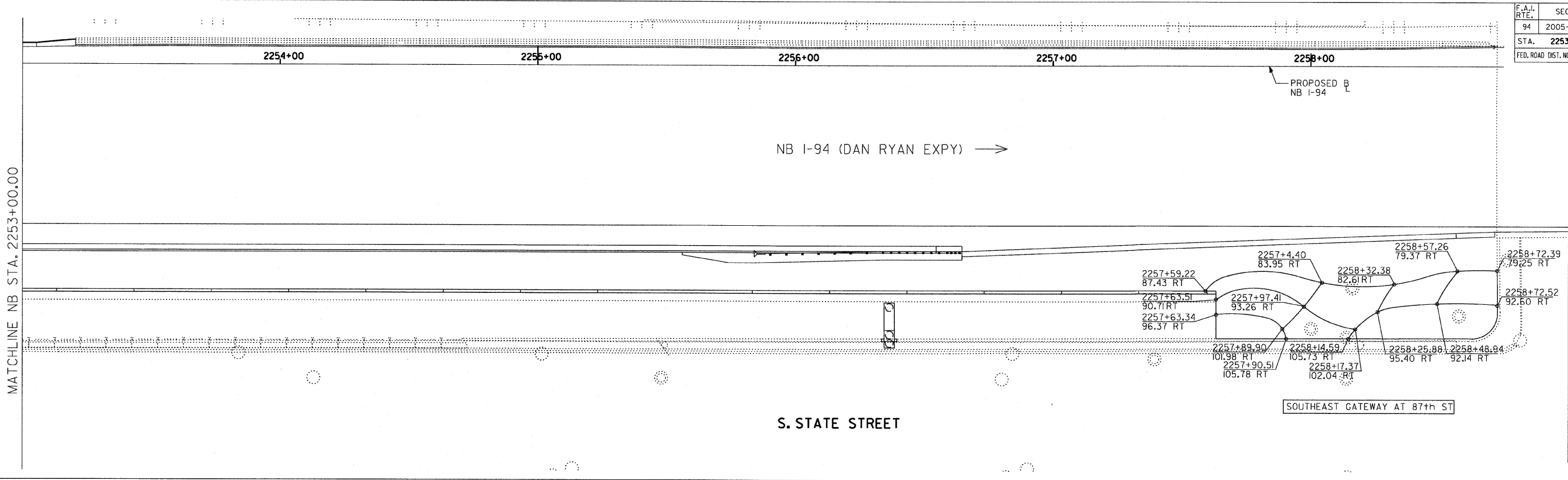


**TYLIN** INTERNATIONAL

6/23/2008 9:36:47 AM



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	21
STA. 2253+00	TO STA. 2265+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	60A75	



**SITE DESIGN GROUP**

**TYLIN INTERNATIONAL**

NOTE: THE LOCATION OF ALL PLANT MATERIAL SHALL BE STAKED BY THE CONTRACTOR FOR APPROVAL BY THE ENGINEER IN FIELD, PRIOR TO INSTALLATION. INDIVIDUAL TREES SHALL BE STAKED WITH IDENTITIES WRITTEN ON STAKES. SHRUB AND PERENNIAL BEDS SHALL BE OUTLINED WITH STAKES AND PAINTED LINES.

REVISIONS	
NAME	DATE

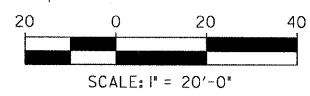
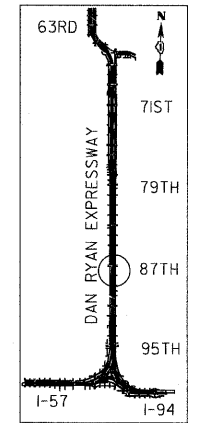
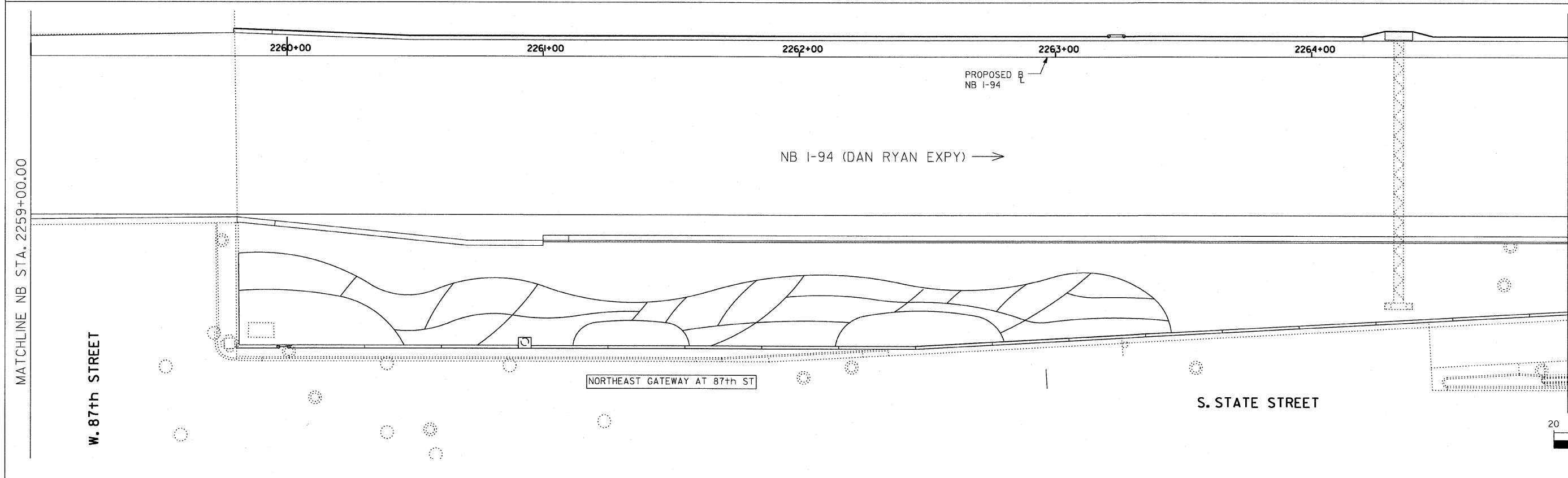
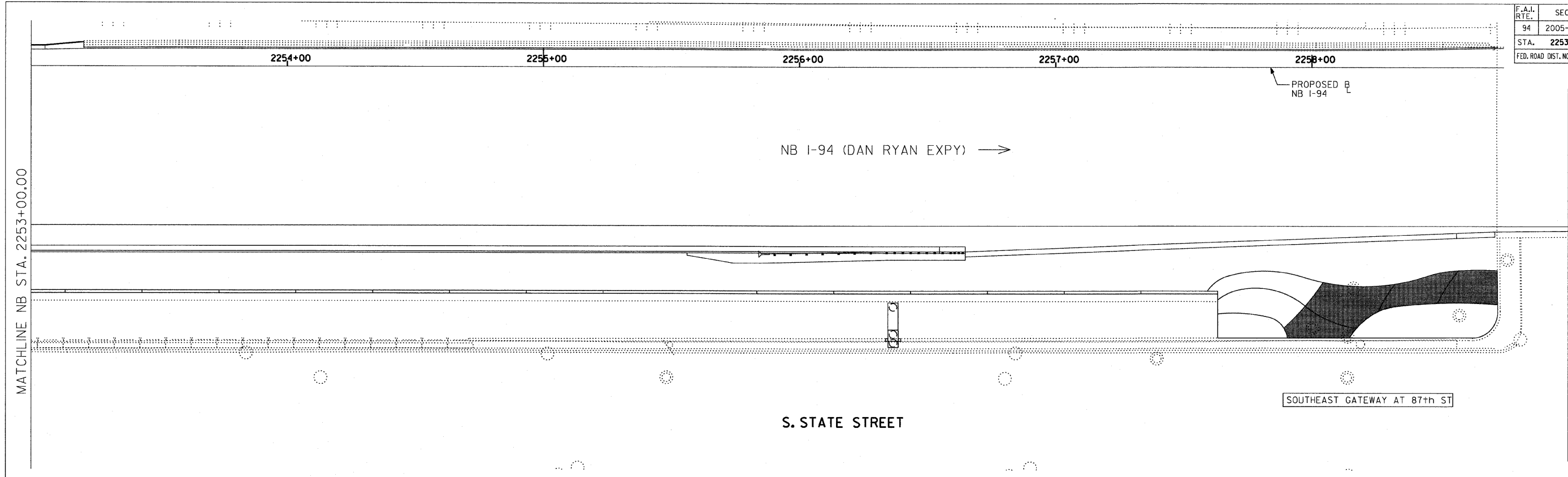
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**87TH STREET GATEWAY LANDSCAPING AND IRRIGATION**  
 PLANTING BED LAYOUT PLANS  
 SE + NE QUADRANTS AT 87TH ST. - NB I-94

SCALE: 1"=20'  
 DATE: JUNE 20, 2008


DRAWN BY: EM  
 CHECKED BY: JO



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	22
STA. 2253+00		TO STA. 2265+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		60A75		



**SITE DESIGN GROUP**  
**TYLIN INTERNATIONAL**

**LEGEND:**  
 AREA TO BE DRIP IRRIGATED

**NOTES:**  
 1. ALL CORNER GARDENS AND PERENNIAL AND SHRUB BEDS SHALL BE DRIP IRRIGATED.  
 2. THE NORTHEAST GATEWAY SHALL NOT BE IRRIGATED

REVISIONS	
NAME	DATE

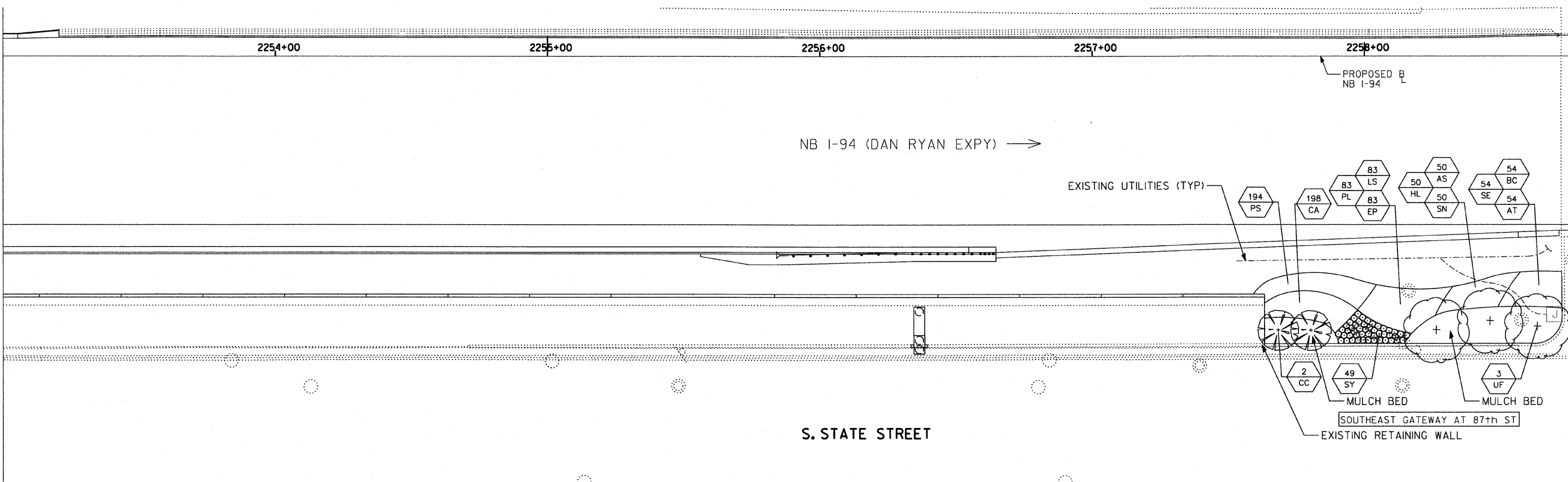
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**87TH STREET GATEWAY LANDSCAPING AND IRRIGATION**  
 IRRIGATION PLANS  
 SE + NE QUADRANTS AT 87TH ST. - NB I-94  
 SCALE: 1"=20'  
 DATE: JUNE 20, 2008  
 DRAWN BY: EM  
 CHECKED BY: JO

\$DATE\$

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	23
STA. 2253+00		TO STA. 2265+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

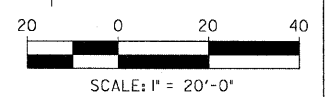
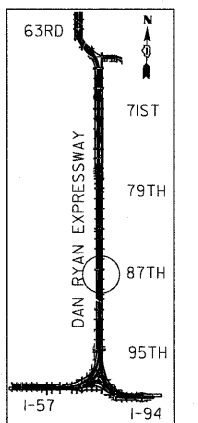
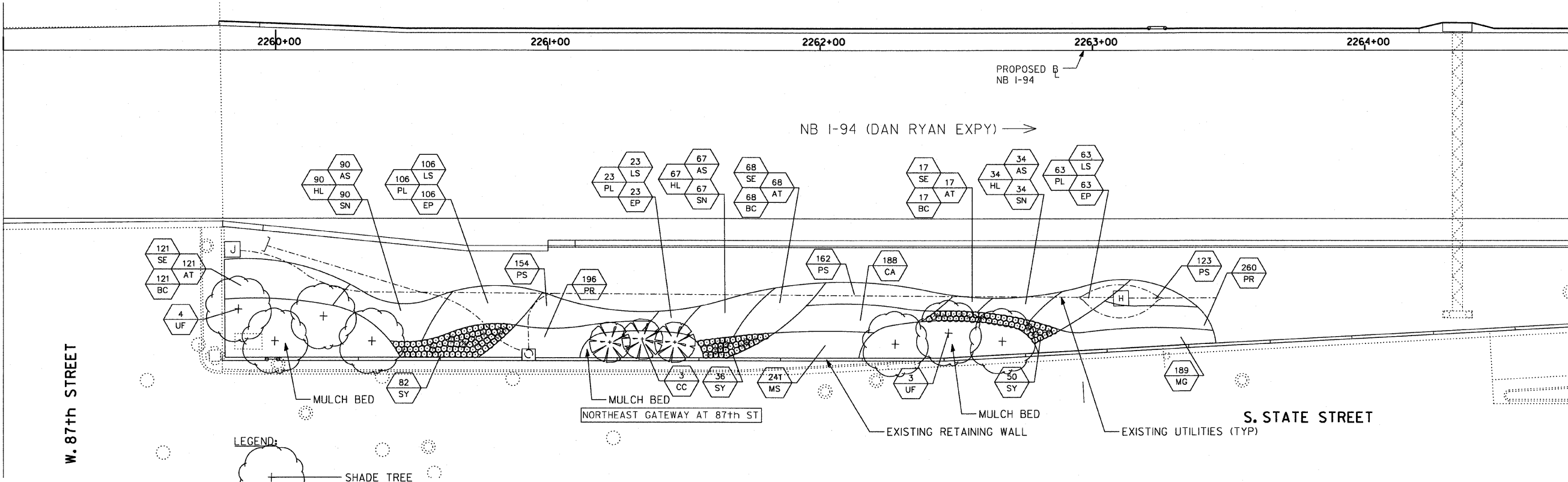
MATCHLINE NB STA. 2253+00.00

MATCHLINE NB STA. 2259+00.00



MATCHLINE NB STA. 2259+00.00

MATCHLINE NB STA. 2265+00.00



- LEGEND:**
- SHADE TREE
  - ORNAMENTAL TREE
  - SHRUB
  - PERENNIALS/ ORNAMENTAL GRASSES

**SITE DESIGN GROUP**  
**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**87TH STREET GATEWAY LANDSCAPING AND IRRIGATION**  
LANDSCAPE PLANS  
SE + NE QUADRANTS AT 87TH ST. - NB I-94  
SCALE: 1"=20'  
DATE: JUNE 20, 2008  
DRAWN BY: EM  
CHECKED BY: JO

\$DATE\$ \$TIME\$

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	23A
STA. 2254+81.10 (NB I-94)		TO STA. 2253+45 (NB I-94)		
STA. 2255+15 (SB I-94)		TO STA. 1263+40 (SB I-94)		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60A75

2255+00

2256+00

2257+00

PROPOSED NB I-94 (RYAN)

NB I-94 (DAN RYAN EXPY)

MAINLINE LANDSCAPING RESTORATION  
(CONTINUES ON NEXT SHEET)  
AREA = 547 SQ YD  
(TOTAL FOR BOTH SHEETS)

RETAINING WALL #5  
S.N. 016-W955

EXISTING CONCRETE GUTTER

EXISTING CONCRETE BARRIER WALL

RETAINING WALL #5  
S.N. 016-W955

2254+81.10  
72.6 RT

2254+56.10  
72.6 RT  
2254+56.10  
73.6 RT

2254+74.10  
76.6 RT

2255+34.02  
75.3 RT

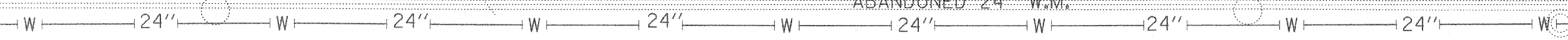
2255+64.66  
74.0 RT  
2255+64.66  
75.3 RT

2254+46.10  
87.4 RT

4'-0" x 4'-6" MAIN DRAIN

ABANDONED 24" W.M.

EXISTING RETAINING WALL 4'-0" x 4'-6" M



S. STATE STREET

12" PLASTIC INSERTED

9' DIA. WATER TUNNEL

PLASTIC

**LANDSCAPING GENERAL PLAN NOTES:**

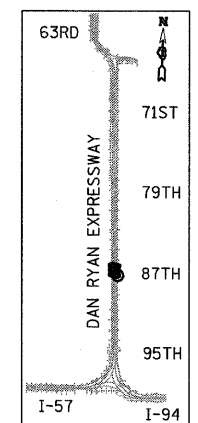
1. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
2. AREAS TO BE SEEDD BETWEEN NOVEMBER 1 AND APRIL 1 SHALL REQUIRE DORMANT SEEDING, WHICH SHALL BE INCLUDED IN THE COST OF SEEDING CLASS 2A.
3. LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO SEEDING AND PLANTING.

**LEGEND:**

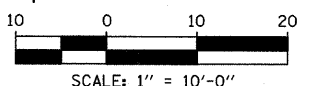
EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS

GATEWAY AREA (SEE LANDSCAPE PLANS)

DIRECTION OF TRAFFIC



LOCATION MAP



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
MAINLINE LANDSCAPING RESTORATION  
SE & NE QUADRANTS AT 87TH ST - NB I-94  
STA. 2254+81.10 TO STA. 2257+50.00  
SHEET 1A OF 2

SCALE: 1"=10'-0"  
DATE: JUNE 20, 2008

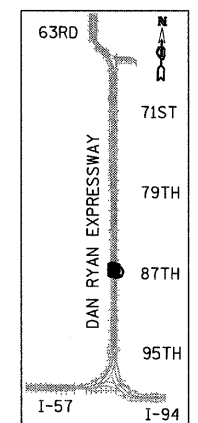
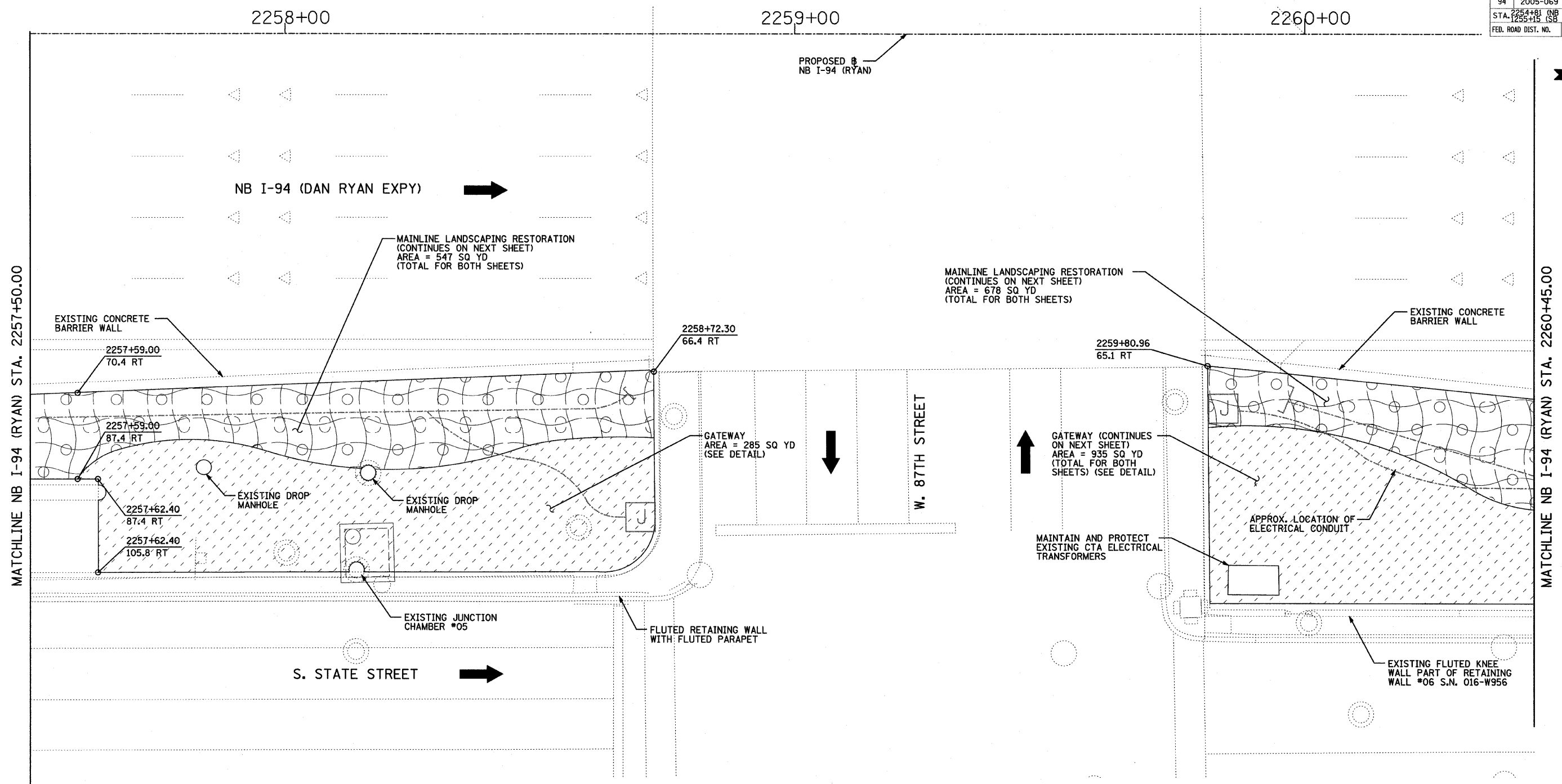
DRAWN BY: JDF  
CHECKED BY: JPM

TYLIN INTERNATIONAL

6/23/2008 9:36:56 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	24
STA. 2254+81 (NB I-94)		TO STA. 2263+45 (NB I-94)		
FEB. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

60A75



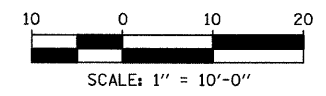
LOCATION MAP

**LANDSCAPING GENERAL PLAN NOTES:**

1. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
2. AREAS TO BE SEEDDED BETWEEN NOVEMBER 1 AND APRIL 1 SHALL REQUIRE DORMANT SEEDING, WHICH SHALL BE INCLUDED IN THE COST OF SEEDING CLASS 2A.
3. LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO SEEDING AND PLANTING.

**LEGEND:**

- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS
- GATEWAY AREA (SEE LANDSCAPE PLANS)
- DIRECTION OF TRAFFIC



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 MAINLINE LANDSCAPING RESTORATION  
 SE & NE QUADRANTS AT 87TH ST - NB I-94  
 STA. 2257+50.00 TO STA. 2260+45.00  
 SHEET 1 OF 2

SCALE: 1"=10'-0"  
 DATE: JUNE 20, 2008

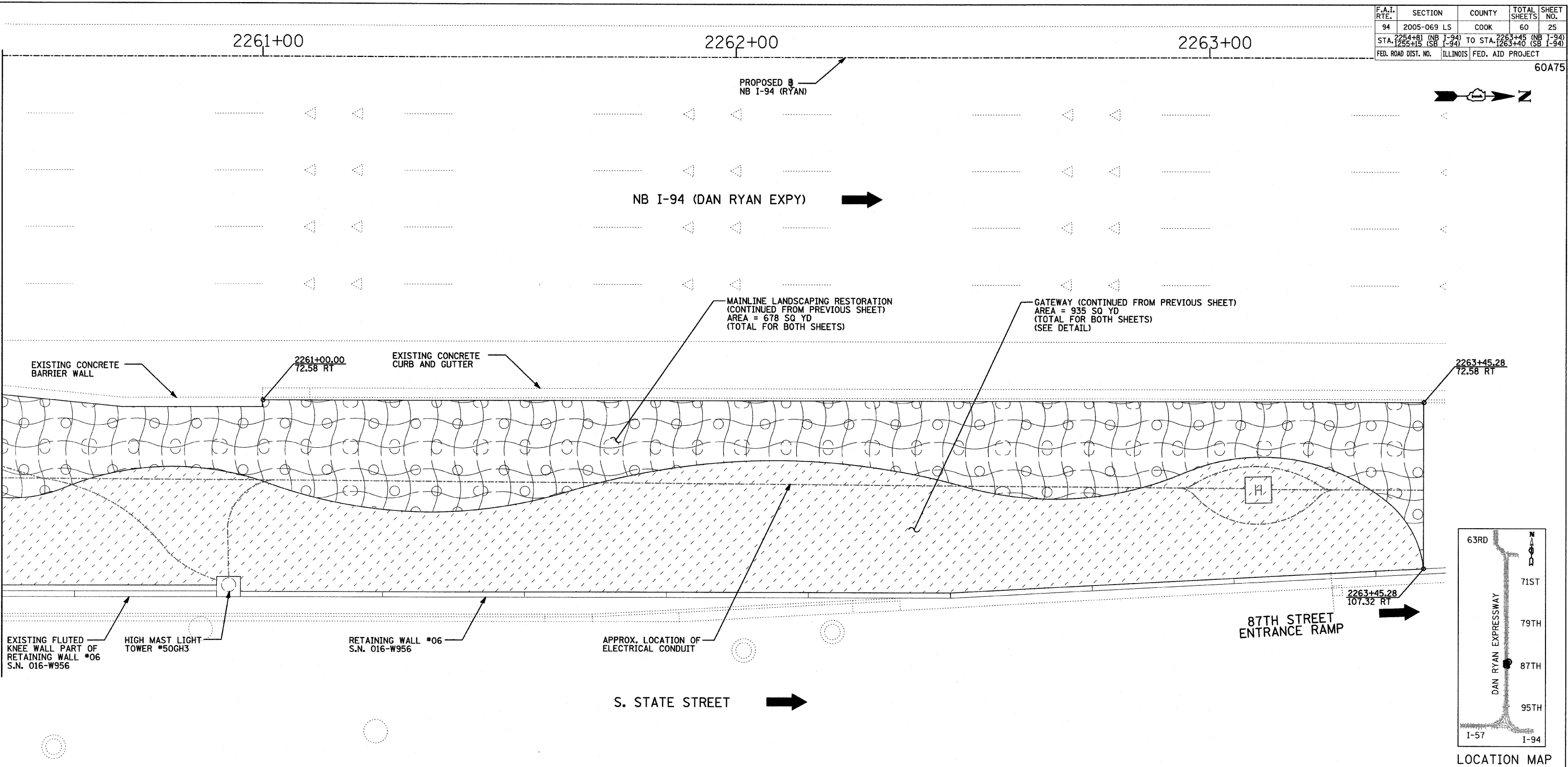
DRAWN BY: JDF  
 CHECKED BY: JPM

**TYLIN** INTERNATIONAL

P:\02373\Road\222\Var\2260\39.dwg 6/23/2008 3:58:17 PM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	25
STA. 2260+45 (SB I-94)		TO STA. 2263+45 (NB I-94)		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		60A75

MATCHLINE NB I-94 (RYAN) STA. 2260+45.00

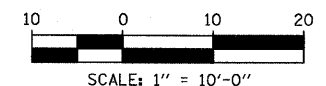


**LANDSCAPING GENERAL PLAN NOTES:**

1. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
2. AREAS TO BE SEEDED BETWEEN NOVEMBER 1 AND APRIL 1 SHALL REQUIRE DORMANT SEEDING, WHICH SHALL BE INCLUDED IN THE COST OF SEEDING CLASS 2A.
3. LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO SEEDING AND PLANTING.

**LEGEND:**

- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS
- GATEWAY AREA (SEE LANDSCAPE PLANS)
- DIRECTION OF TRAFFIC



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 MAINLINE LANDSCAPING RESTORATION  
 SE & NE QUADRANTS AT 87TH ST - NB I-94  
 STA. 2260+45.00 TO STA. 2263+45.28  
 SHEET 2 OF 2

SCALE: 1"=10'-0"  
 DATE: JUNE 20, 2008

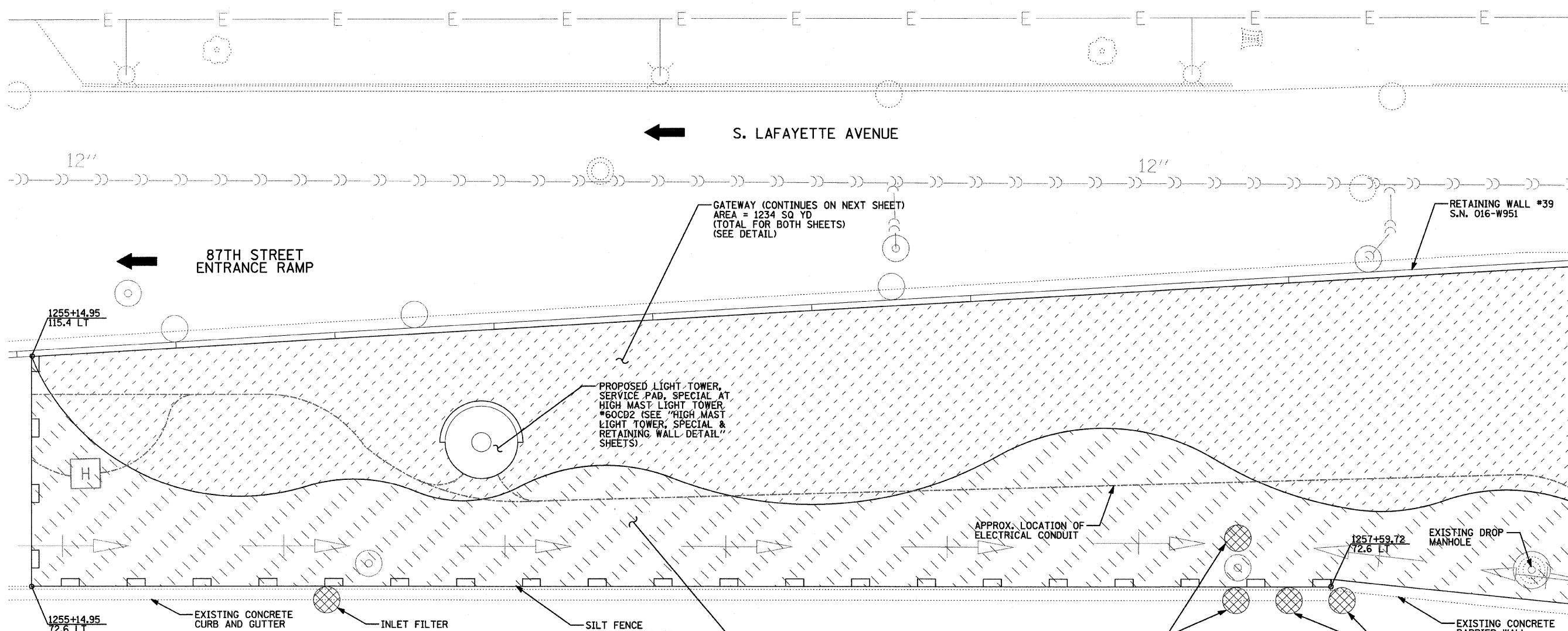
DRAWN BY: JDF  
 CHECKED BY: JPM

**TYLIN** INTERNATIONAL

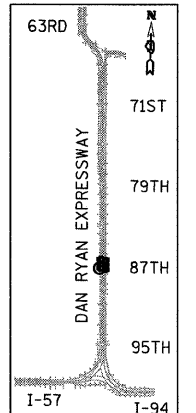
PA02373Yood\c22\N\0224502.dwg 6/23/2008 9:39:10 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	26
STA. 1254+81 (NB I-94) TO STA. 1258+05.00 (SB I-94)		2253+45 (NB I-94) TO STA. 1263+40 (SB I-94)		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

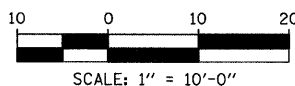
60A75



MATCHLINE SB I-94 (RYAN) STA. 1258+05.00



LOCATION MAP



SCALE: 1" = 10'-0"

- NOTES:**
1. MASTER IRRIGATION CONTROL VALVE IS TO BE INSTALLED AT THE DESIGNATED LOCATION SPECIFIED BY THE CITY OF CHICAGO DURING CONSTRUCTION AND ON PUBLIC PROPERTY.
  2. THERMOPLASTIC PAVEMENT MARKING QUANTITIES HAVE BEEN PROVIDED IN THE EVENT THAT THE TRENCHING AND PATCHING OPERATIONS REMOVE EXISTING PAVEMENT MARKINGS.
  3. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
  4. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201.07 OF THE STANDARD SPECIFICATIONS
  5. ANY EXISTING SUB-BASE MATERIAL SHALL BE REPLACED IN KIND WITH SUB-BASE GRANULAR MATERIAL, TYPE B 6". THE COST SHALL BE INCLUDED IN THE PROPOSED RESTORATION PAY ITEM.

**LEGEND:**

- SILT FENCE
- EXISTING SWALE
- INLET FILTER
- EXISTING MANHOLE
- EXISTING DROP MANHOLE
- EXISTING JUNCTION CHAMBER
- DIRECTION OF TRAFFIC
- AREA FOR TEMPORARY EROSION CONTROL SEEDING
- GATEWAY AREA (SEE LANDSCAPE PLANS)
- IRRIGATION WATER SERVICE (SEE PLANS FOR TYPE)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 WATER SERVICE AND EROSION CONTROL PLAN  
 SW & NW QUADRANTS AT 87TH ST - SB I-94  
 STA. 1255+14.95 TO STA. 1258+05.00  
 SHEET 1 OF 3

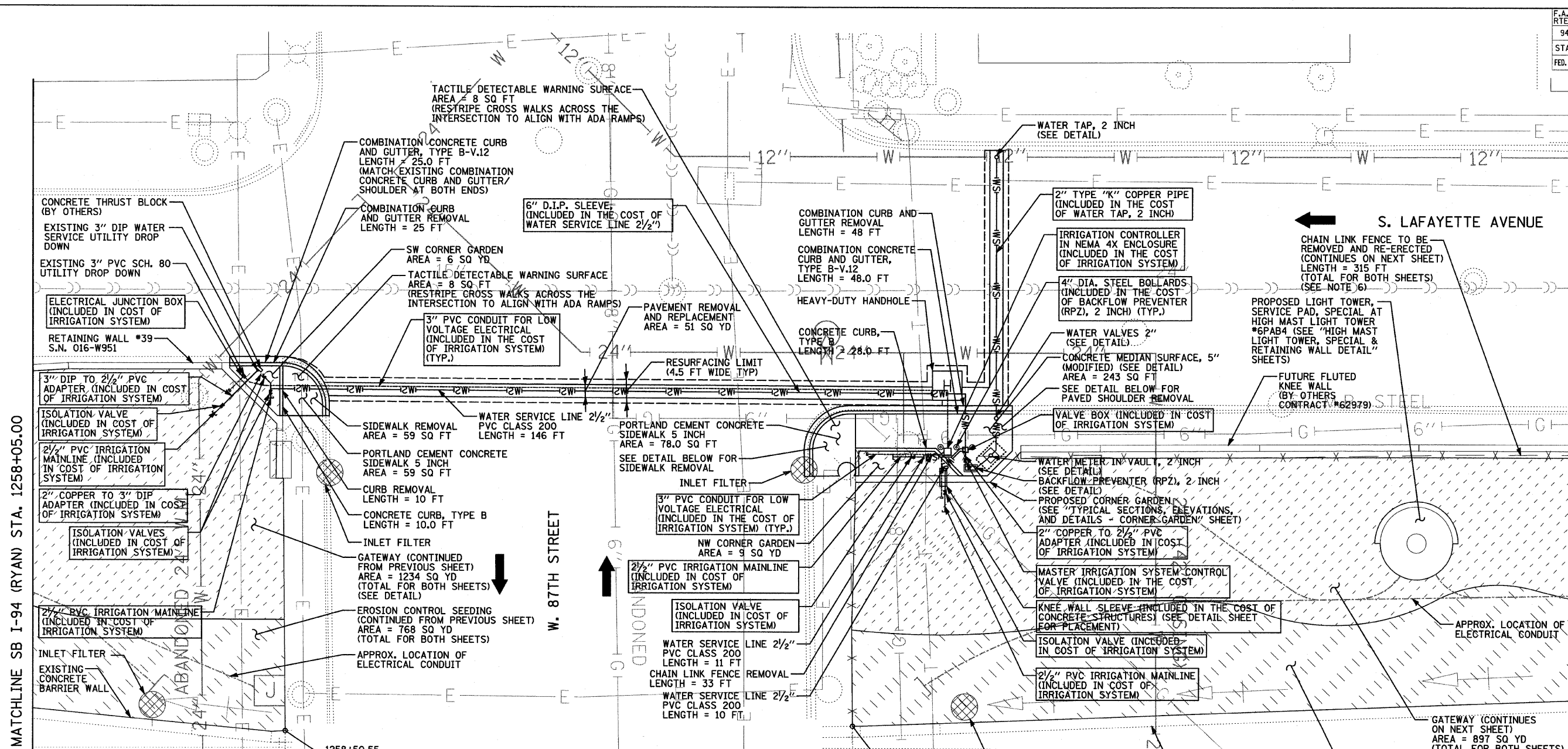
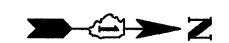
SCALE: 1"=10'-0"  
 DATE: JUNE 20, 2008

DRAWN BY: JDF  
 CHECKED BY: JPM

TYLIN INTERNATIONAL

6/23/2008 9:39:18 AM





MATCHLINE SB I-94 (RYAN) STA. 1258+05.00

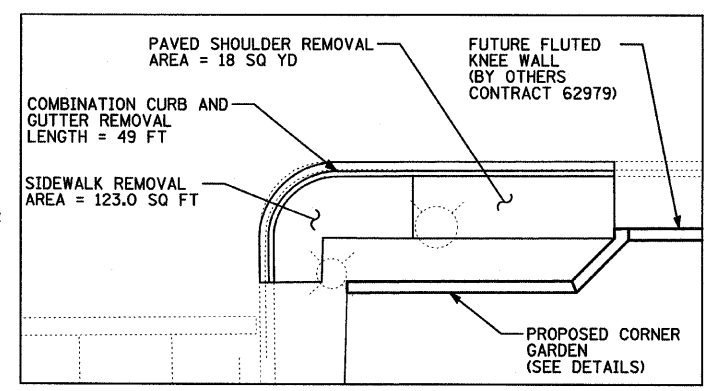
MATCHLINE SB I-94 (RYAN) STA. 1260+95.00

**NOTES:**

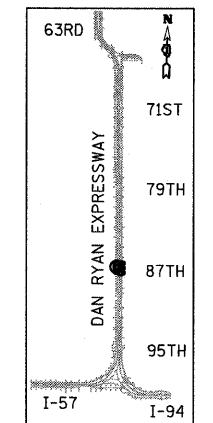
1. MASTER IRRIGATION CONTROL VALVE IS TO BE INSTALLED AT THE DESIGNATED LOCATION SPECIFIED BY THE CITY OF CHICAGO DURING CONSTRUCTION AND ON PUBLIC PROPERTY.
2. THERMOPLASTIC PAVEMENT MARKING QUANTITIES HAVE BEEN PROVIDED IN THE EVENT THAT THE TRENCHING AND PATCHING OPERATIONS REMOVE EXISTING PAVEMENT MARKINGS.
3. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
4. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201.07 OF THE STANDARD SPECIFICATIONS
5. ANY EXISTING SUB-BASE MATERIAL SHALL BE REPLACED IN KIND WITH SUB-BASE GRANULAR MATERIAL, TYPE B 6". THE COST SHALL BE INCLUDED IN THE PROPOSED RESTORATION PAY ITEM.
6. QUANTITY FOR CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED HAS BEEN PROVIDED IN THE EVENT THAT CONTRACT 62979 HAS NOT COMMENCED CONSTRUCTION OF THE FLUTED KNEE WALL. COORDINATE WITH CONTRACT 62979. IF REQUIRED, THE CHAIN LINK FENCE SHALL BE RELOCATED FROM STA. 1259+91 TO STA. 1263+06 WITH AN OFFSET OF 6.5 FT FROM BACK OF CURB.
7. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N 70 AND HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" QUANTITIES HAVE BEEN PROVIDED FOR ADDITIONAL RESURFACING REQUIREMENTS (FULL-LANE WIDTH) IF NEEDED.

**LEGEND:**

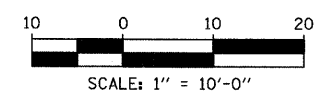
- SILT FENCE
- EXISTING SWALE
- INLET FILTER
- EXISTING MANHOLE
- EXISTING DROP MANHOLE
- EXISTING JUNCTION CHAMBER
- DIRECTION OF TRAFFIC
- AREA FOR TEMPORARY EROSION CONTROL SEEDING
- GATEWAY AREA (SEE LANDSCAPE PLANS)
- IRRIGATION WATER SERVICE (SEE PLANS FOR TYPE)



**NW QUADRANT REMOVAL DETAIL**



**LOCATION MAP**



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**F.A.I. 94 (DAN RYAN EXPRESSWAY)**  
**WATER SERVICE AND EROSION CONTROL PLAN**  
**SW & NW QUADRANTS AT 87TH ST - SB I-94**  
**STA. 1258+05.00 TO STA. 1260+95.00**  
**SHEET 2 OF 3**

SCALE: 1"=10'-0"  
 DATE: JUNE 20, 2008  
 DRAWN BY: JDF  
 CHECKED BY: JPM

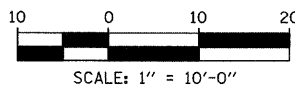
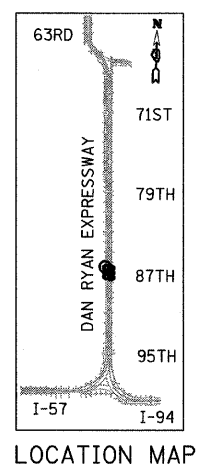
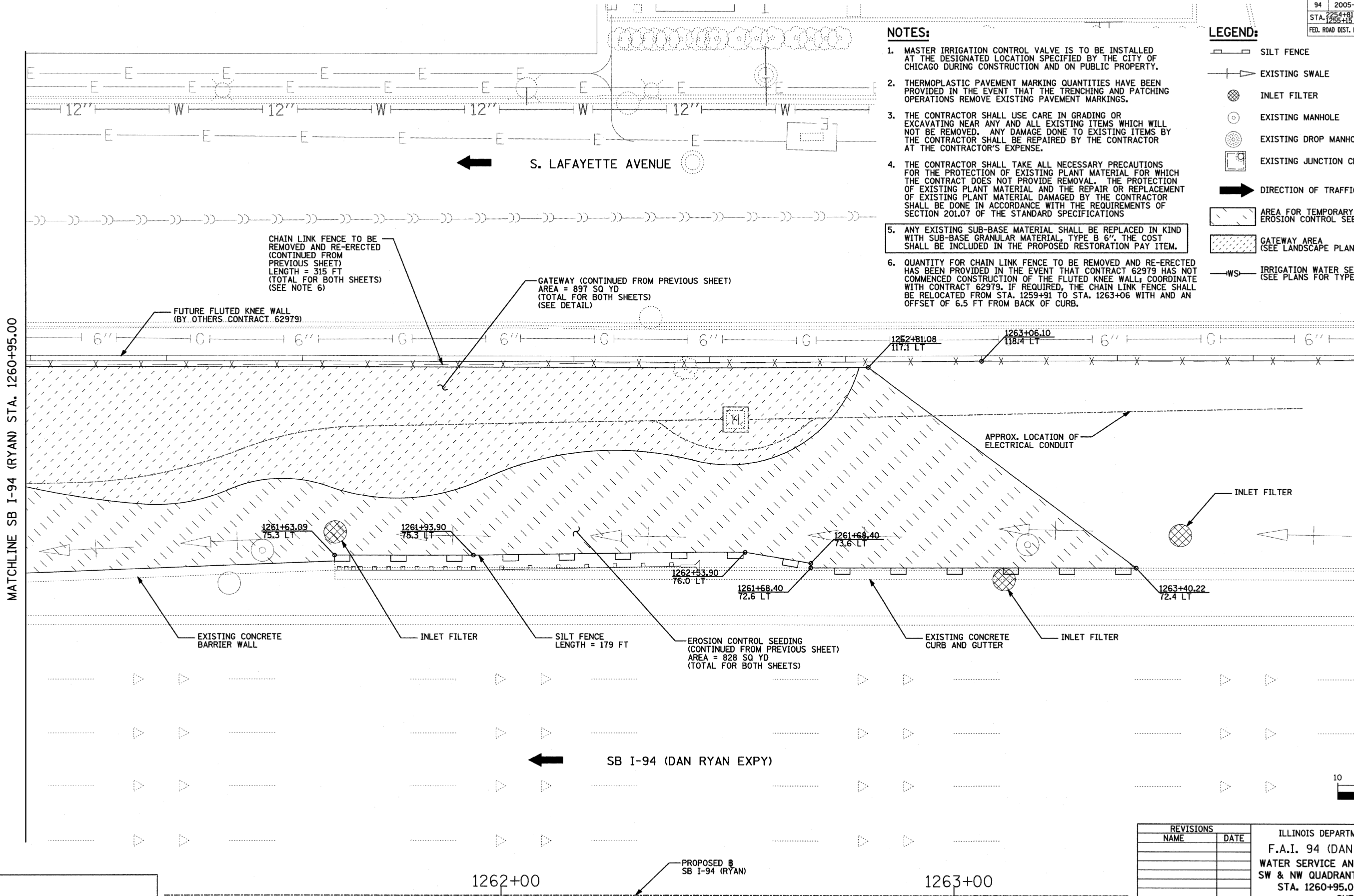
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	28
STA. 1259+18 (SB I-94)		TO STA. 1263+40 (NB I-94)		2263+45 (NB I-94)
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		60A75

**NOTES:**

1. MASTER IRRIGATION CONTROL VALVE IS TO BE INSTALLED AT THE DESIGNATED LOCATION SPECIFIED BY THE CITY OF CHICAGO DURING CONSTRUCTION AND ON PUBLIC PROPERTY.
2. THERMOPLASTIC PAVEMENT MARKING QUANTITIES HAVE BEEN PROVIDED IN THE EVENT THAT THE TRENCHING AND PATCHING OPERATIONS REMOVE EXISTING PAVEMENT MARKINGS.
3. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
4. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201.07 OF THE STANDARD SPECIFICATIONS
5. ANY EXISTING SUB-BASE MATERIAL SHALL BE REPLACED IN KIND WITH SUB-BASE GRANULAR MATERIAL, TYPE B 6". THE COST SHALL BE INCLUDED IN THE PROPOSED RESTORATION PAY ITEM.
6. QUANTITY FOR CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED HAS BEEN PROVIDED IN THE EVENT THAT CONTRACT 62979 HAS NOT COMMENCED CONSTRUCTION OF THE FLUTED KNEE WALL; COORDINATE WITH CONTRACT 62979. IF REQUIRED, THE CHAIN LINK FENCE SHALL BE RELOCATED FROM STA. 1259+91 TO STA. 1263+06 WITH AN OFFSET OF 6.5 FT FROM BACK OF CURB.

**LEGEND:**

- SILT FENCE
- EXISTING SWALE
- INLET FILTER
- EXISTING MANHOLE
- EXISTING DROP MANHOLE
- EXISTING JUNCTION CHAMBER
- DIRECTION OF TRAFFIC
- AREA FOR TEMPORARY EROSION CONTROL SEEDING
- GATEWAY AREA (SEE LANDSCAPE PLANS)
- IRRIGATION WATER SERVICE (SEE PLANS FOR TYPE)



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 WATER SERVICE AND EROSION CONTROL PLAN  
 SW & NW QUADRANTS AT 87TH ST - SB I-94  
 STA. 1260+95.00 TO STA. 1263+40.22  
 SHEET 3 OF 3

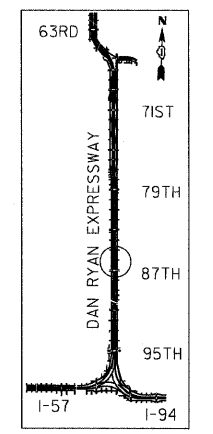
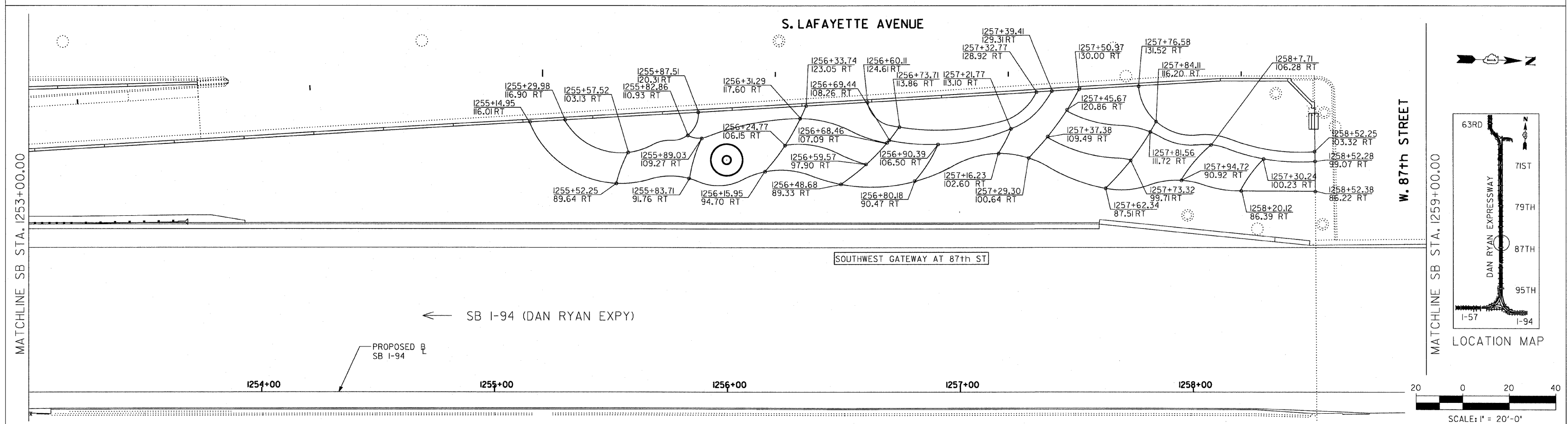
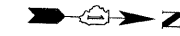
SCALE: 1"=10'-0"  
 DATE: JUNE 20, 2008

DRAWN BY: JDF  
 CHECKED BY: JPM

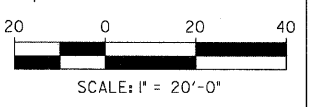
TYLIN INTERNATIONAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	29
STA. 1253+00		TO STA. 1259+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60A75



LOCATION MAP



**SITE DESIGN GROUP**  
**TYLIN INTERNATIONAL**

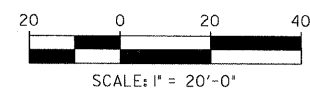
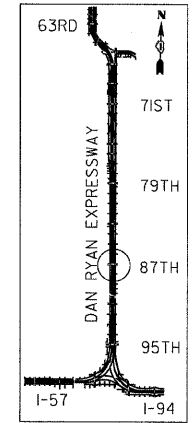
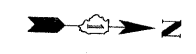
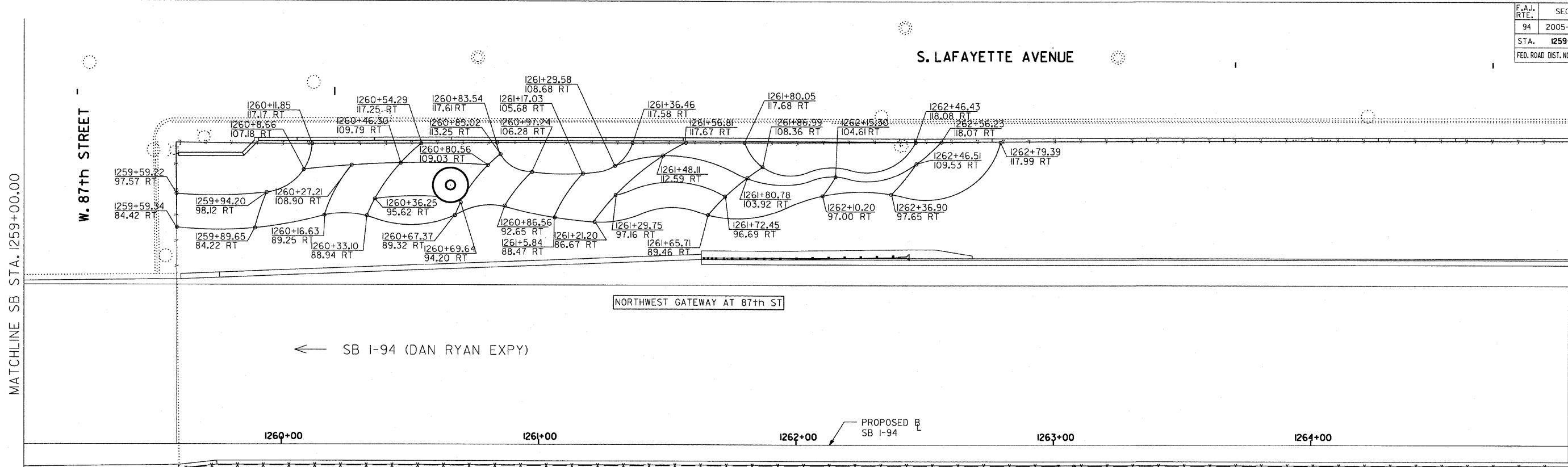
NOTE: THE LOCATION OF ALL PLANT MATERIAL SHALL BE STAKED BY THE CONTRACTOR FOR APPROVAL BY THE ENGINEER IN FIELD, PRIOR TO INSTALLATION. INDIVIDUAL TREES SHALL BE STAKED WITH IDENTITIES WRITTEN ON STAKES. SHRUB AND PERENNIAL BEDS SHALL BE OUTLINED WITH STAKES AND PAINTED LINES.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
87TH STREET GATEWAY LANDSCAPING AND IRRIGATION  
PLANTING BED LAYOUT PLANS  
SW QUADRANT AT 87TH ST. - SB I-94  
SCALE: 1"=20'  
DATE: June 20, 2008  
DRAWN BY: EM  
CHECKED BY: JO

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	30
STA. 1259+00		TO STA. 1265+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60A75



**SITE DESIGN GROUP**

**TYLIN INTERNATIONAL**

NOTE: THE LOCATION OF ALL PLANT MATERIAL SHALL BE STAKED BY THE CONTRACTOR FOR APPROVAL BY THE ENGINEER IN FIELD, PRIOR TO INSTALLATION. INDIVIDUAL TREES SHALL BE STAKED WITH IDENTITIES WRITTEN ON STAKES. SHRUB AND PERENNIAL BEDS SHALL BE OUTLINED WITH STAKES AND PAINTED LINES.

REVISIONS	
NAME	DATE

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

87TH STREET GATEWAY LANDSCAPING AND IRRIGATION  
 PLANTING BED LAYOUT PLANS  
 NW QUADRANTS AT 87TH ST. - SB I-94


SCALE: 1"=20'      DRAWN BY: EM  
 DATE: June 20, 2008      CHECKED BY: JO

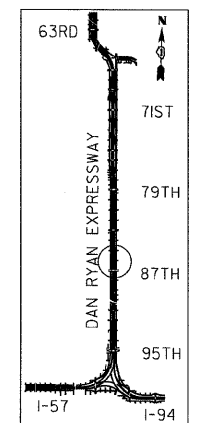
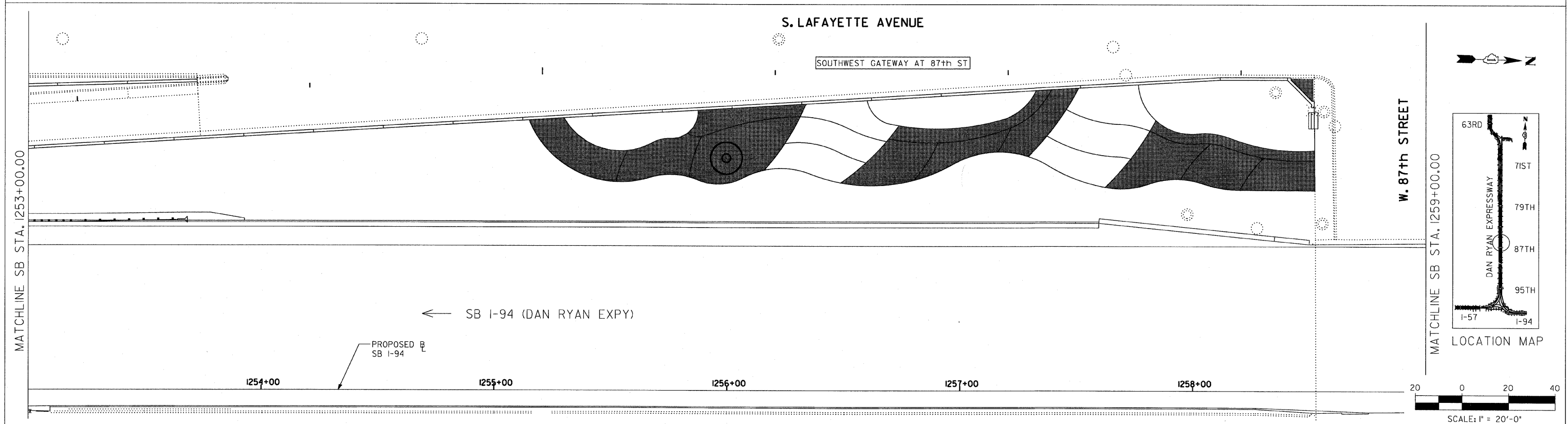
\$DATE\$

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	31
STA. 1253+00		TO STA. 1259+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

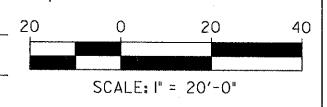
60A75

LEGEND:

 AREA TO BE DRIP IRRIGATED



LOCATION MAP

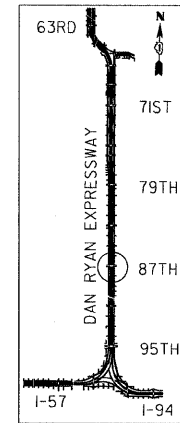
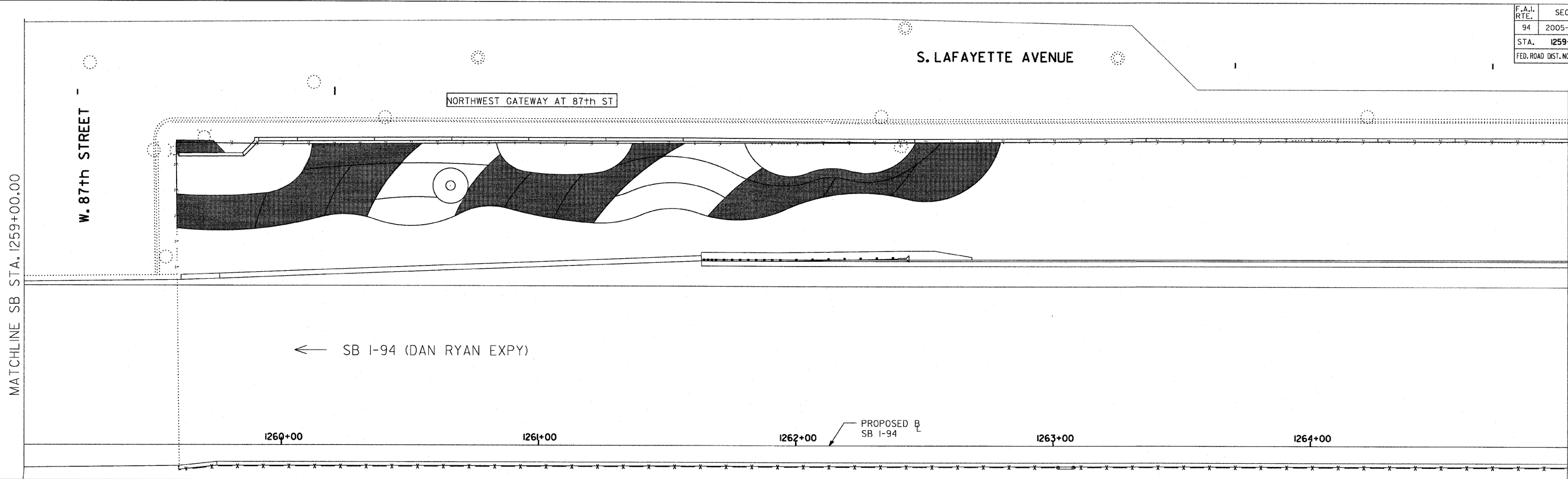


SITE DESIGN GROUP  
**TYLIN** INTERNATIONAL

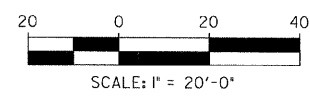
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 87TH STREET GATEWAY LANDSCAPING AND IRRIGATION  
 IRRIGATION PLANS  
 SW QUADRANT AT 87TH ST. - SB I-94  
 SCALE: 1"=20'  
 DATE: June 20, 2008  
 DRAWN BY: EM  
 CHECKED BY: JO

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	32
STA. 1259+00	TO STA. 1265+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	60A75	



LOCATION MAP



**LEGEND:**

AREA TO BE DRIP IRRIGATED

**NOTES:**  
 I. ALL CORNER GARDENS AND PERENNIAL AND SHRUB BEDS SHALL BE DRIP IRRIGATED.

**SITE DESIGN GROUP**  
**TYLIN INTERNATIONAL**

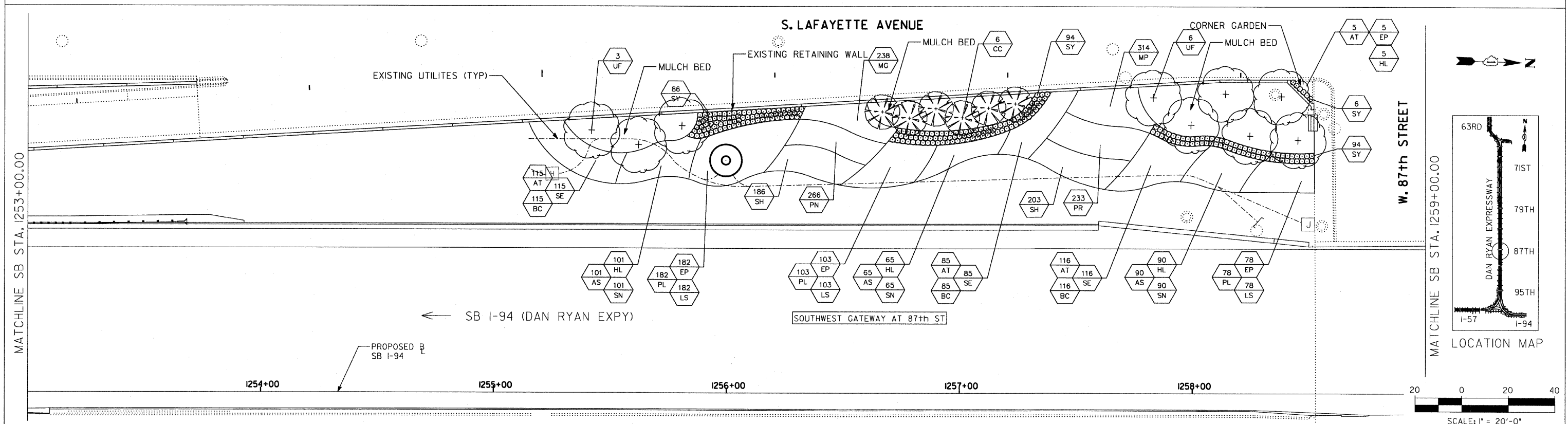
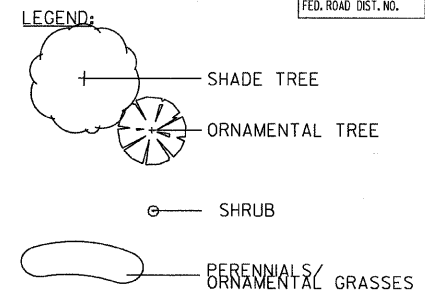
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 87TH STREET GATEWAY LANDSCAPING AND IRRIGATION  
 IRRIGATION PLANS  
 NW QUADRANT AT 87TH ST. - SB I-94  
 SCALE: 1"=20'  
 DATE: June 20, 2008  
 DRAWN BY: EM  
 CHECKED BY: JO

DATE\$



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	33
STA. 1253+00	TO STA. 1259+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	60A75	



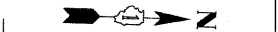
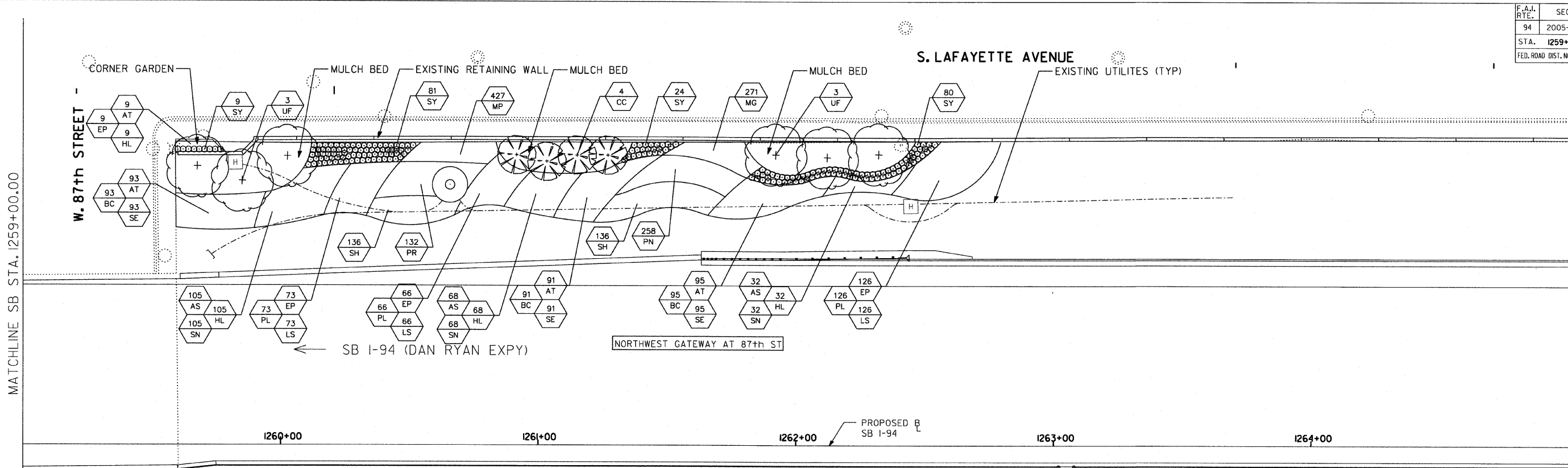
**SITE DESIGN GROUP**

**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE

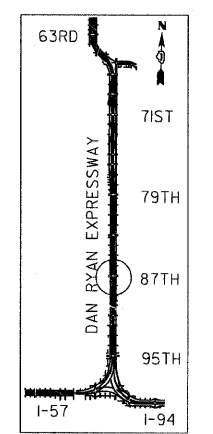
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 87TH STREET GATEWAY LANDSCAPING AND IRRIGATION  
 LANDSCAPE PLANS  
 SW QUADRANT AT 87TH ST. - SB I-94  
 SCALE: 1"=20'  
 DATE: June 20, 2008  
 DRAWN BY: EM  
 CHECKED BY: JO

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	34
STA. 1259+00		TO STA. 1265+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

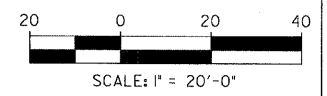


MATCHLINE SB STA. 1265+00.00

MATCHLINE SB STA. 1259+00.00



LOCATION MAP



- LEGEND:**
- SHADE TREE
  - ORNAMENTAL TREE
  - SHRUB
  - PERENNIALS/ ORNAMENTAL GRASSES

**SITE DESIGN GROUP**

**TYLIN INTERNATIONAL**

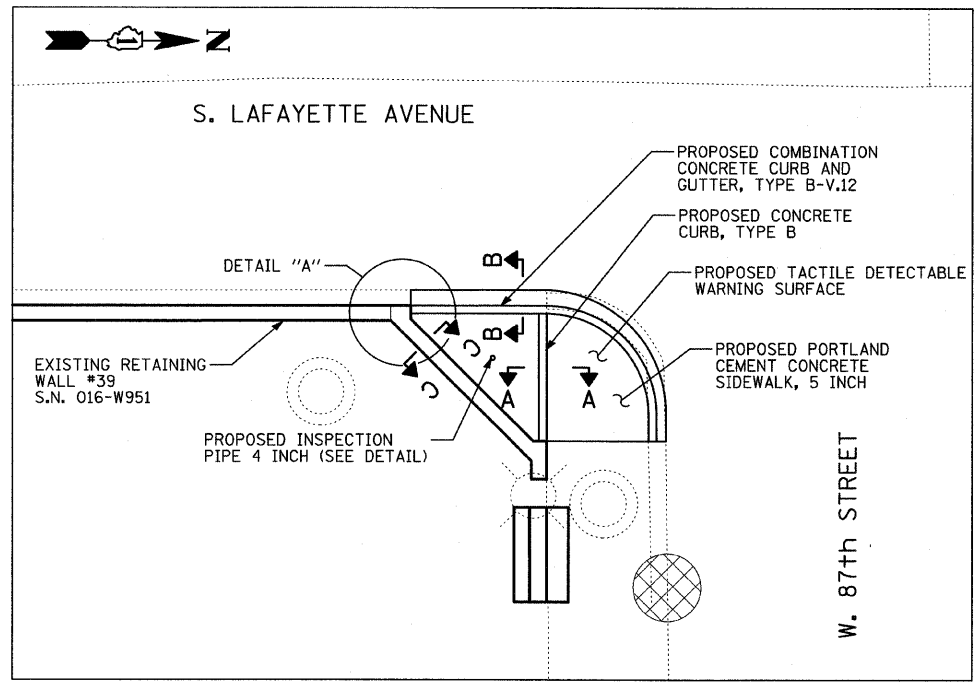
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 87TH STREET GATEWAY LANDSCAPING AND IRRIGATION  
 LANDSCAPE PLANS  
 NW QUADRANT AT 87TH ST. - SB I-94  
 SCALE: 1"=20'  
 DATE: June 20, 2008  
 DRAWN BY: EM  
 CHECKED BY: JO

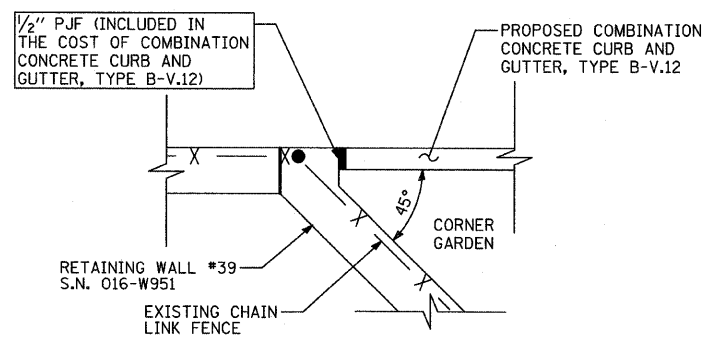
\$DATE\$

F.A.I. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	35
STA. 1255+15 (SB I-94) TO STA. 1263+40 (SB I-94)				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

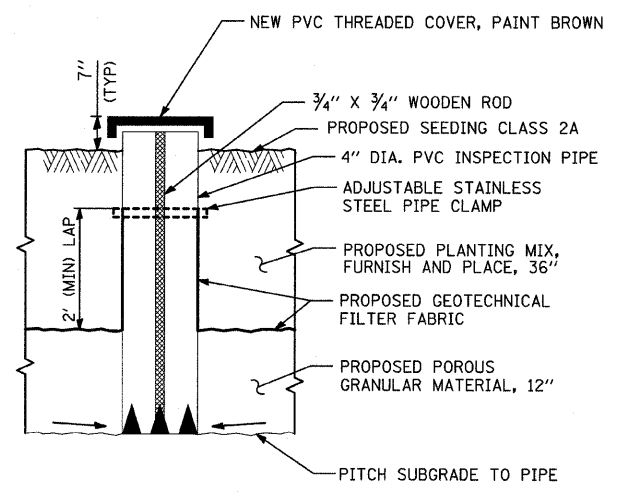
60A75



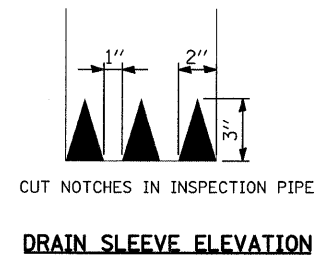
SW CORNER GARDEN AT 87TH STREET



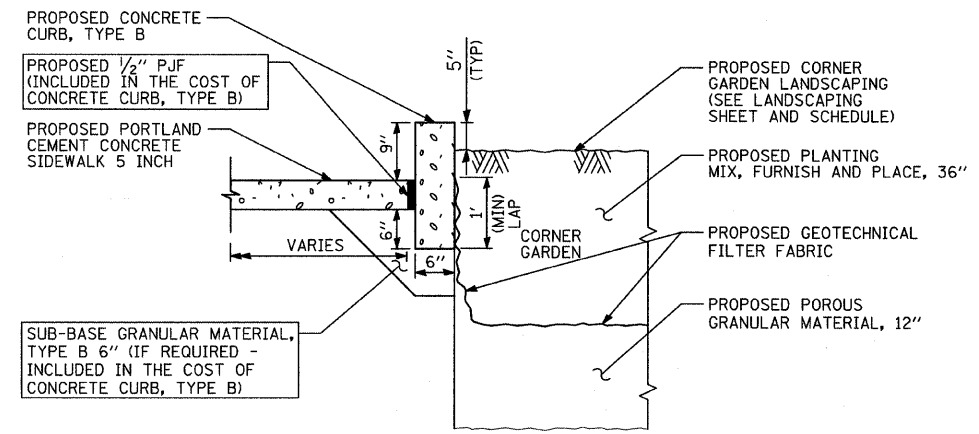
DETAIL A



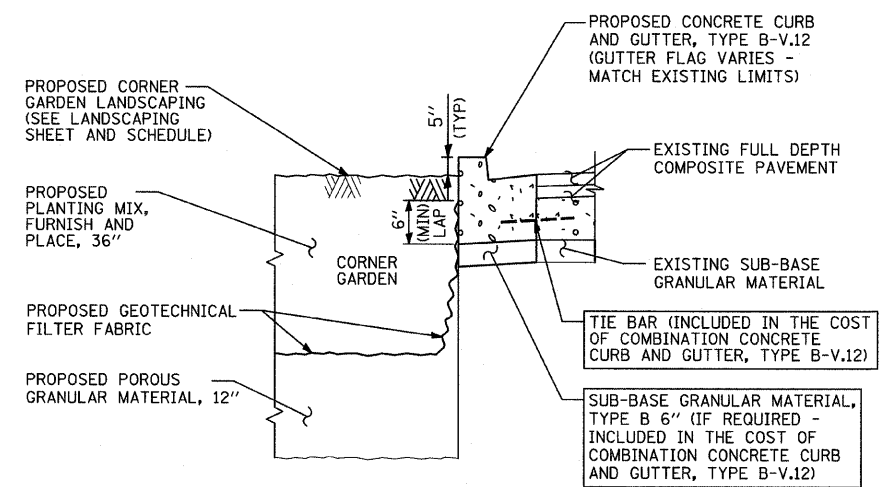
INSPECTION PIPE, 4"



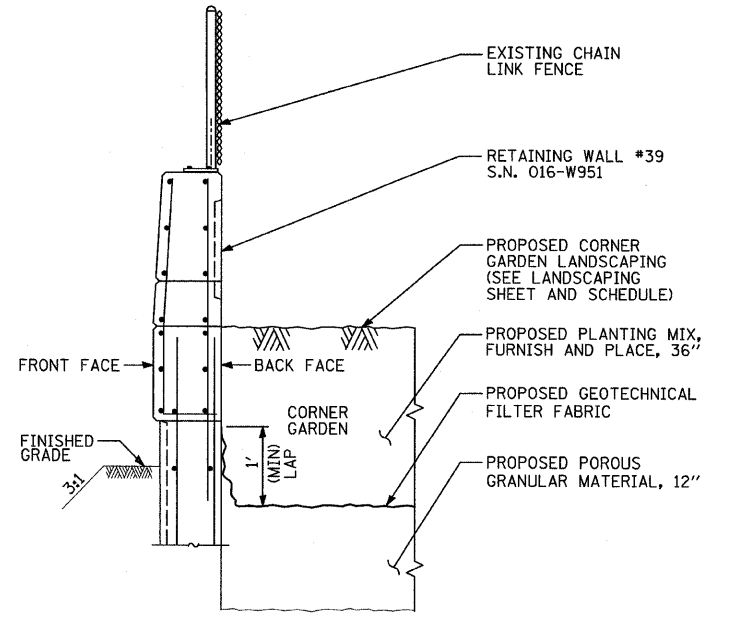
CUT NOTCHES IN INSPECTION PIPE  
DRAIN SLEEVE ELEVATION



SECTION A-A



SECTION B-B



SECTION C-C

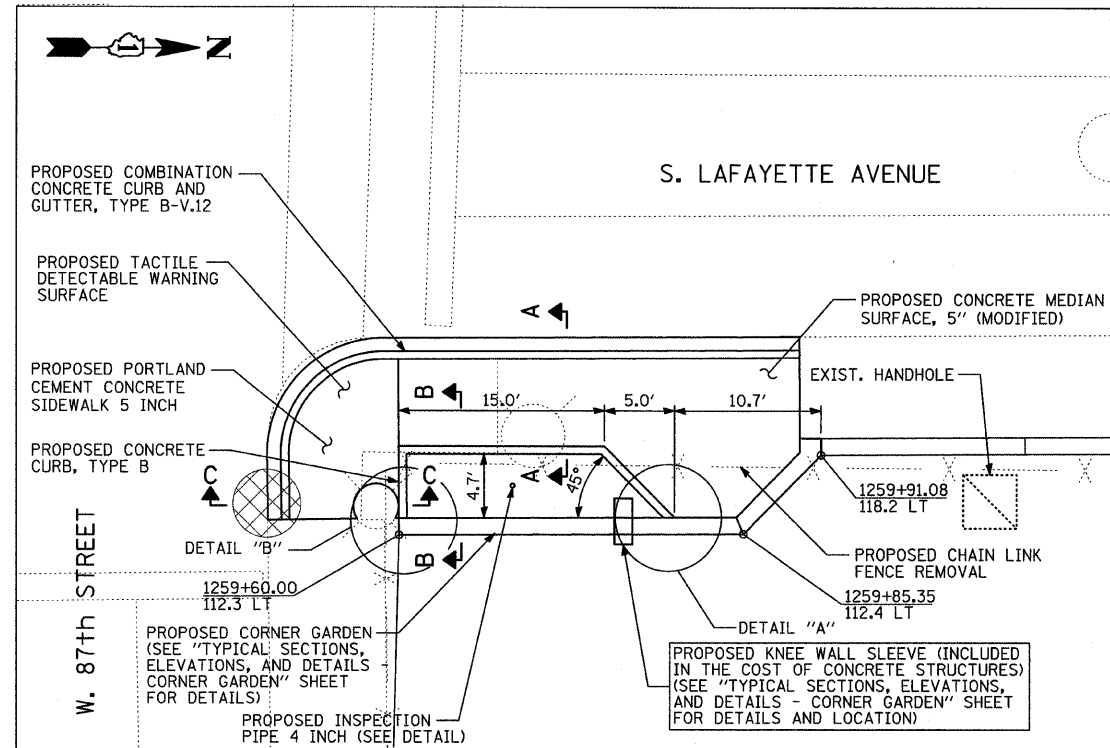
TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

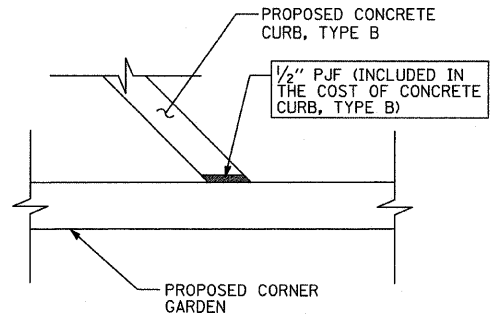
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
  
SW CORNER GARDEN DETAIL -  
87TH STREET AND LAFAYETTE AVENUE  
  
SCALE: NOT TO SCALE  
DATE: JUNE 20, 2008  
DRAWN BY: JDF  
CHECKED BY: JPM

6/23/2008 9:39:39 AM

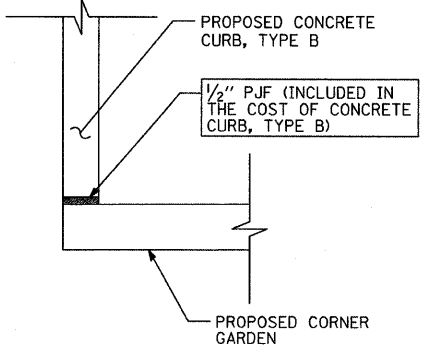
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	36
STA. 1253+15 (SB I-94) TO STA. 1263+10 (SB I-94)		2253+45 (NB I-94) TO STA. 1263+10 (SB I-94)		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		60A75	



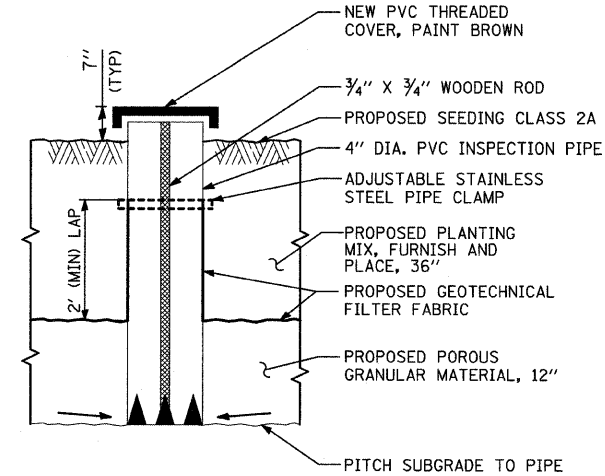
**NW CORNER GARDEN AT 87TH STREET**



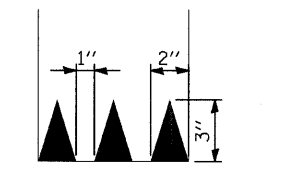
**DETAIL A**



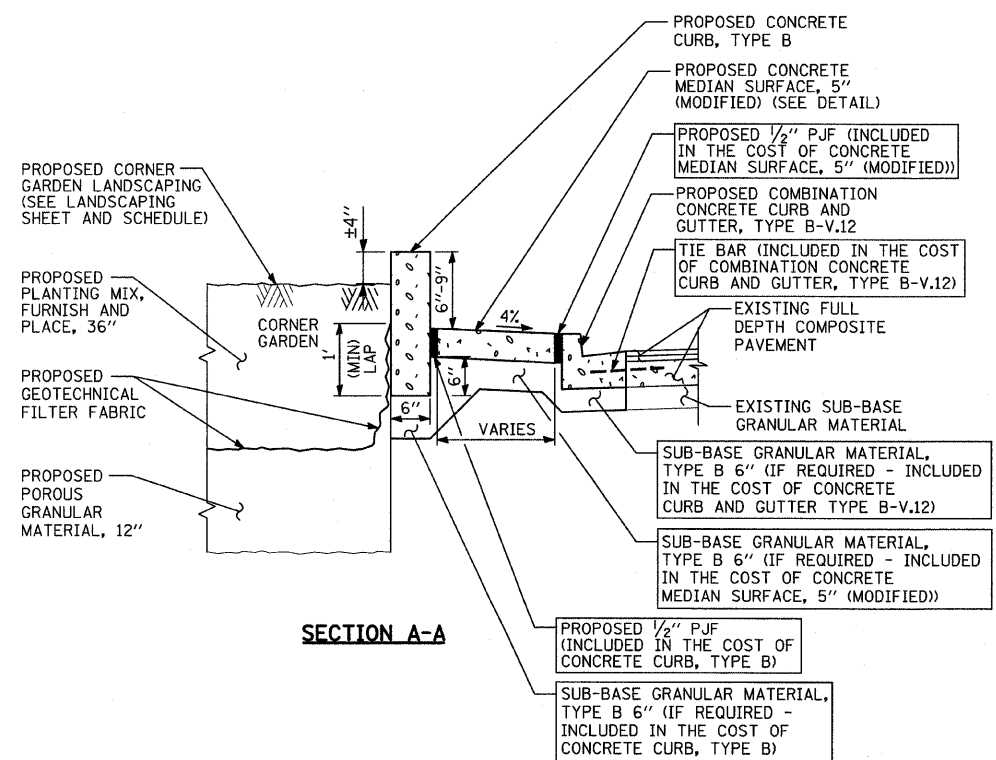
**DETAIL B**



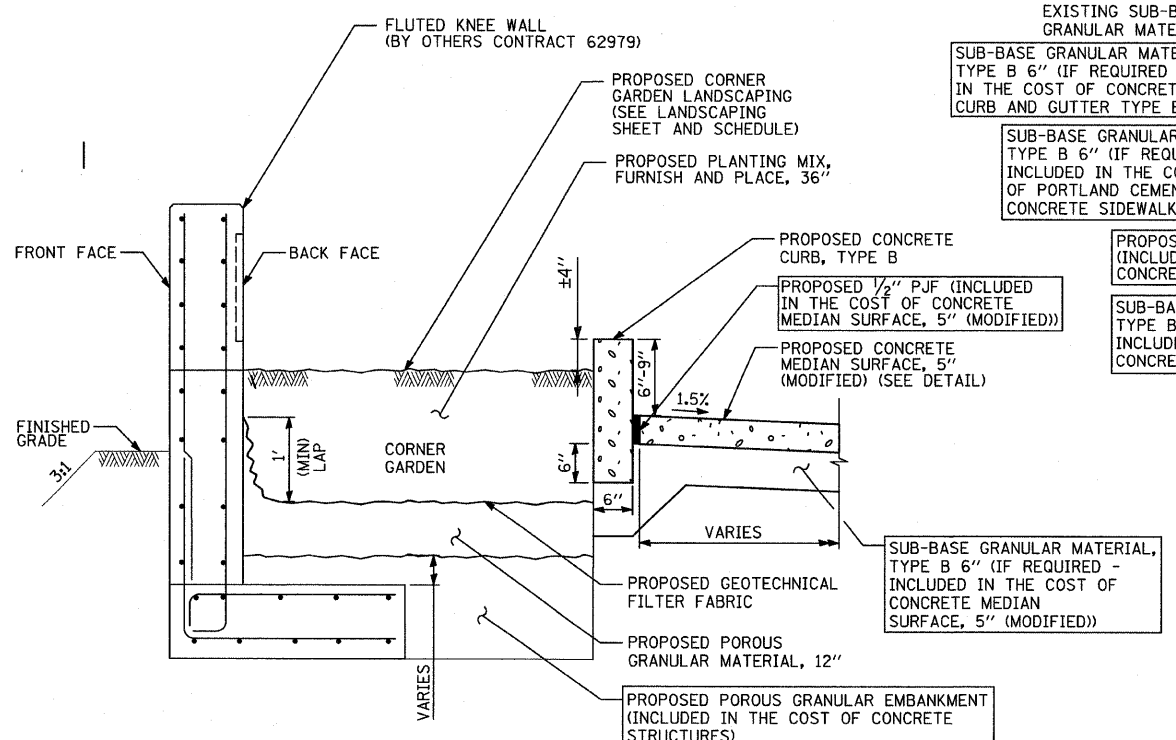
**INSPECTION PIPE, 4"**



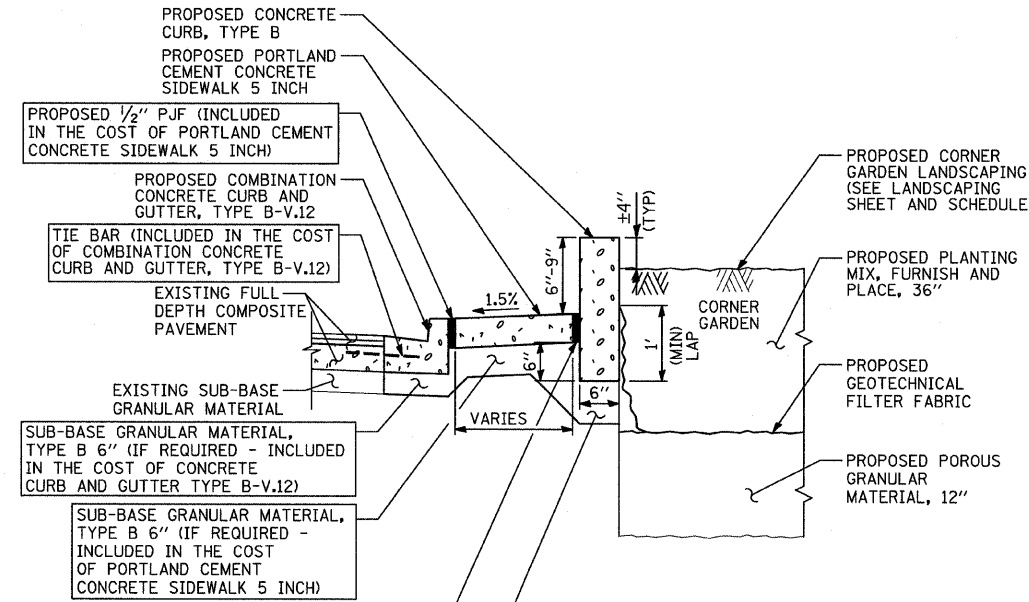
**DRAIN SLEEVE ELEVATION**



**SECTION A-A**



**SECTION B-B**



**SECTION C-C**

**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE

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

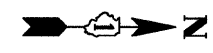
**NW CORNER GARDEN DETAIL -  
 87TH STREET AND LAFAYETTE AVENUE**

SCALE: NOT TO SCALE      DRAWN BY: JDF  
 DATE: JUNE 20, 2008      CHECKED BY: JPM

6/23/2008 9:39:41 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	37
STA. 1255+19 (SB I-94)		TO STA. 1263+40 (SB I-94)		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT

60A75



S. LAFAYETTE AVENUE

87TH STREET ENTRANCE RAMP

RETAINING WALL #39  
S.N. 016-W951

GATEWAY (CONTINUES ON NEXT SHEET)  
AREA = 1234 SQ YD  
(TOTAL FOR BOTH SHEETS)  
(SEE DETAIL)

PROPOSED LIGHT TOWER,  
SERVICE PAD, SPECIAL AT  
HIGH MAST LIGHT TOWER  
#60CD2. (SEE NOTE 4)

APPROX. LOCATION OF  
ELECTRICAL CONDUIT

1255+14.95  
115.4 LT

1257+59.72  
72.6 LT

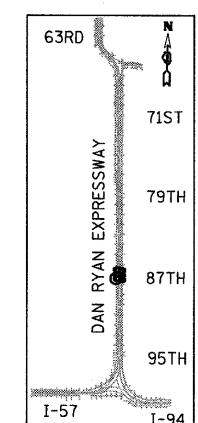
1255+14.95  
72.6 LT

EXISTING CONCRETE  
CURB AND GUTTER

MAINLINE LANDSCAPING RESTORATION  
(CONTINUES ON NEXT SHEET)  
AREA = 768 SQ YD  
(TOTAL FOR BOTH SHEETS)

EXISTING CONCRETE  
BARRIER WALL

MATCHLINE SB I-94 (RYAN) STA. 1258+05.00



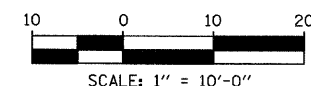
LOCATION MAP

**LANDSCAPING GENERAL PLAN NOTES:**

1. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
2. AREAS TO BE SEEDED BETWEEN NOVEMBER 1 AND APRIL 1 SHALL REQUIRE DORMANT SEEDING, WHICH SHALL BE INCLUDED IN THE COST OF SEEDING CLASS 2A.
3. LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO SEEDING AND PLANTING.
4. QUANTITIES FOR TOPSOIL FURNISH AND PLACE, 12" AND COMPOST FURNISH AND PLACE, 6" HAVE BEEN PROVIDED FOR THE AREA AROUND THE HMLT SERVICE PAD. A RADIUS OF 20 FT FROM THE EDGE OF THE SERVICE PAD WAS USED TO CALCULATE THIS QUANTITY.

**LEGEND:**

- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS
- GATEWAY AREA (SEE LANDSCAPE PLANS)
- DIRECTION OF TRAFFIC



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
MAINLINE LANDSCAPING RESTORATION  
SW & NW QUADRANTS AT 87TH ST - SB I-94  
STA. 1255+14.95 TO STA. 1258+05.00  
SHEET 1 OF 3

SCALE: 1"=10'-0"  
DATE: JUNE 20, 2008

DRAWN BY: JDF  
CHECKED BY: JPM

SB I-94 (DAN RYAN)

PROPOSED SB I-94 (RYAN)

1256+00

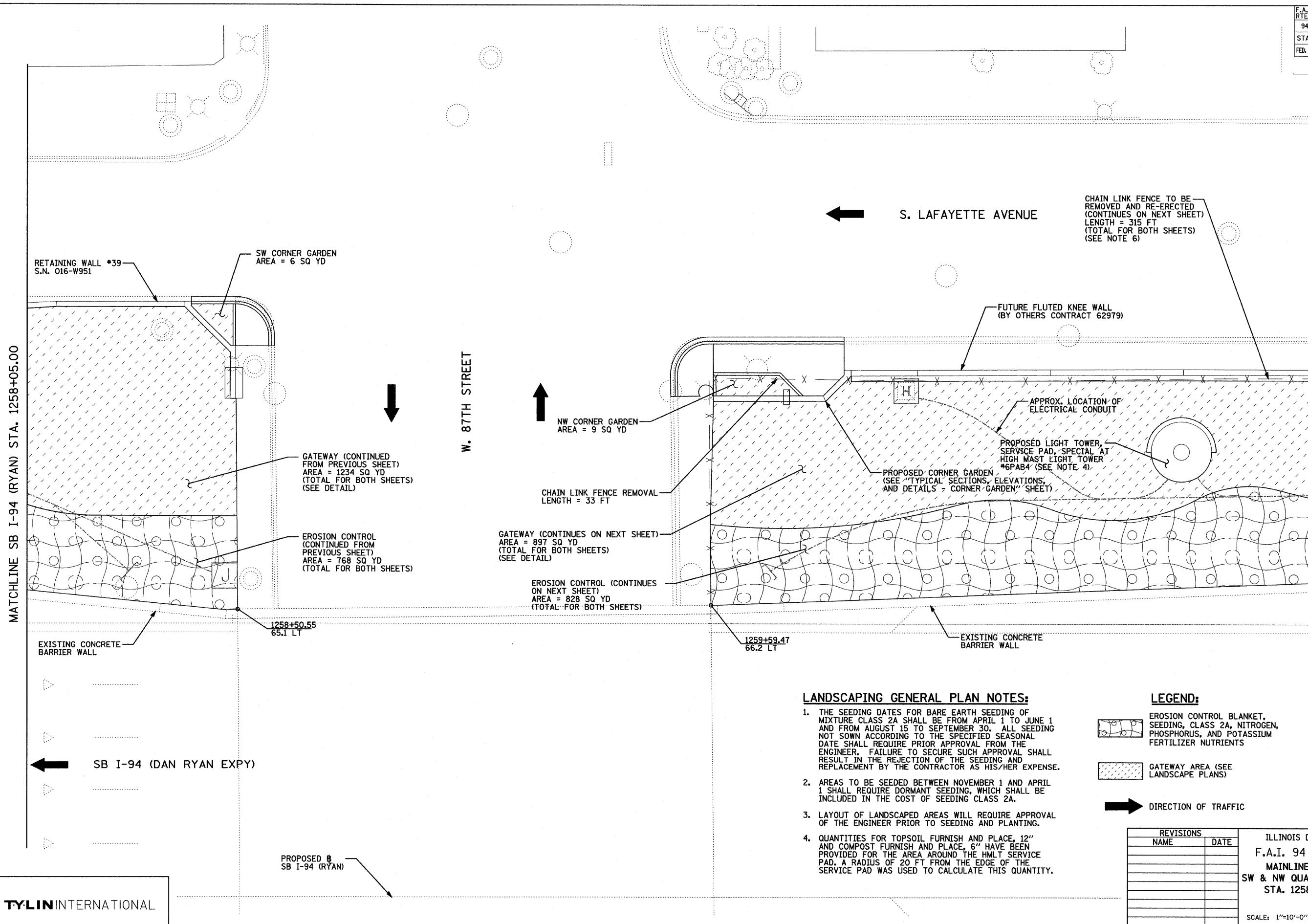
1257+00

TYLIN INTERNATIONAL

6/23/2008 9:39:54 AM

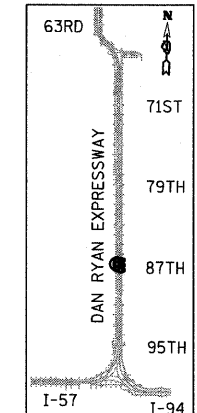
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	38
STA. 1258+05.00 (NB I-94) TO STA. 1260+95.00 (SB I-94)		2283+45 (NB I-94) TO STA. 1283+10 (SB I-94)		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

60A75



MATCHLINE SB I-94 (RYAN) STA. 1260+95.00

MATCHLINE SB I-94 (RYAN) STA. 1258+05.00



LOCATION MAP

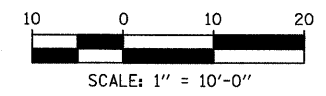
**LANDSCAPING GENERAL PLAN NOTES:**

1. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
2. AREAS TO BE SEEDDED BETWEEN NOVEMBER 1 AND APRIL 1 SHALL REQUIRE DORMANT SEEDING, WHICH SHALL BE INCLUDED IN THE COST OF SEEDING CLASS 2A.
3. LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO SEEDING AND PLANTING.
4. QUANTITIES FOR TOPSOIL FURNISH AND PLACE, 12" AND COMPOST FURNISH AND PLACE, 6" HAVE BEEN PROVIDED FOR THE AREA AROUND THE HMLT SERVICE PAD, A RADIUS OF 20 FT FROM THE EDGE OF THE SERVICE PAD WAS USED TO CALCULATE THIS QUANTITY.

**LEGEND:**

- EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS
- GATEWAY AREA (SEE LANDSCAPE PLANS)

DIRECTION OF TRAFFIC



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 MAINLINE LANDSCAPING RESTORATION  
 SW & NW QUADRANTS AT 87TH ST - SB I-94  
 STA. 1258+05.00 TO STA. 1260+95.00  
 SHEET 2 OF 3

SCALE: 1"=10'-0"  
 DATE: JUNE 20, 2008

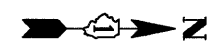
DRAWN BY: JDF  
 CHECKED BY: JPM

**TYLIN** INTERNATIONAL

6/23/2008 9:40:02 AM

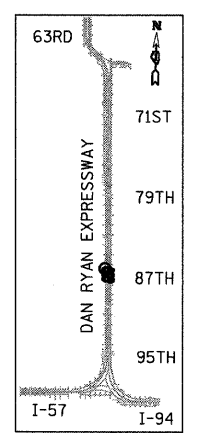
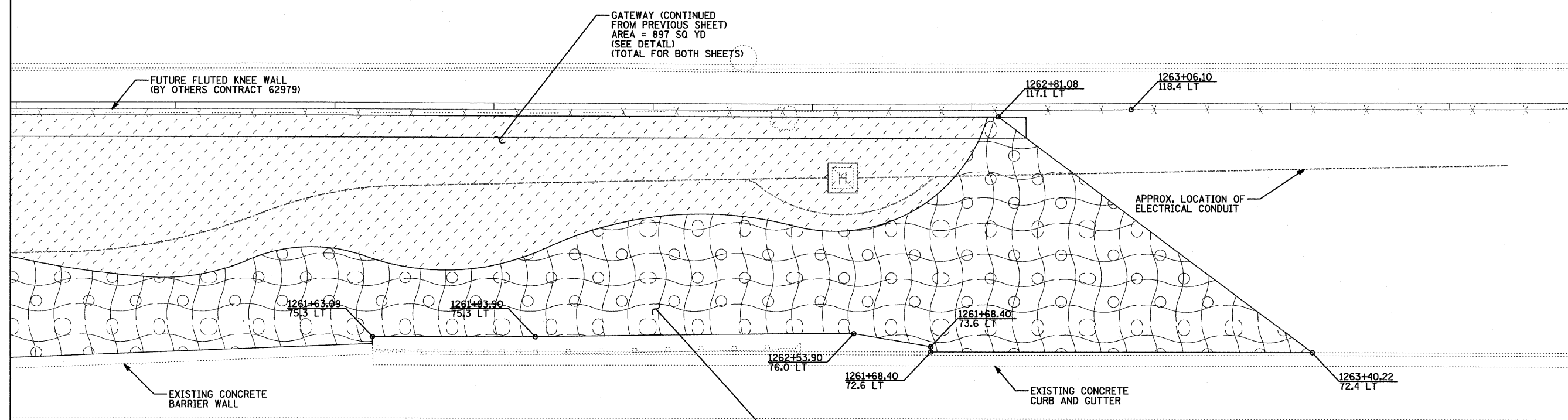


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	39
STA. 1254+81 (NB I-94)			TO STA. 1263+45 (NB I-94)	
1255+15 (SB I-94)			1263+40 (SB I-94)	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	60A75	



← S. LAFAYETTE AVENUE

MATCHLINE SB I-94 (RYAN) STA. 1260+95.00



LOCATION MAP

EXISTING CONCRETE BARRIER WALL

FUTURE FLUTED KNEE WALL (BY OTHERS CONTRACT 62979)

GATEWAY (CONTINUED FROM PREVIOUS SHEET)  
AREA = 897 SQ YD (SEE DETAIL) (TOTAL FOR BOTH SHEETS)

APPROX. LOCATION OF ELECTRICAL CONDUIT

EXISTING CONCRETE CURB AND GUTTER

MAINLINE LANDSCAPING RESTORATION (CONTINUED FROM PREVIOUS SHEET)  
AREA = 828 SQ YD (TOTAL FOR BOTH SHEETS)

← SB I-94 (DAN RYAN EXPY)

PROPOSED SB I-94 (RYAN)

1262+00

1263+00

**LANDSCAPING GENERAL PLAN NOTES:**

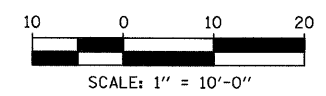
1. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AS HIS/HER EXPENSE.
2. AREAS TO BE SEEDED BETWEEN NOVEMBER 1 AND APRIL 1 SHALL REQUIRE DORMANT SEEDING, WHICH SHALL BE INCLUDED IN THE COST OF SEEDING CLASS 2A.
3. LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO SEEDING AND PLANTING.

**LEGEND:**

EROSION CONTROL BLANKET, SEEDING, CLASS 2A, NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENTS

GATEWAY AREA (SEE LANDSCAPE PLANS)

DIRECTION OF TRAFFIC



REVISIONS	
NAME	DATE

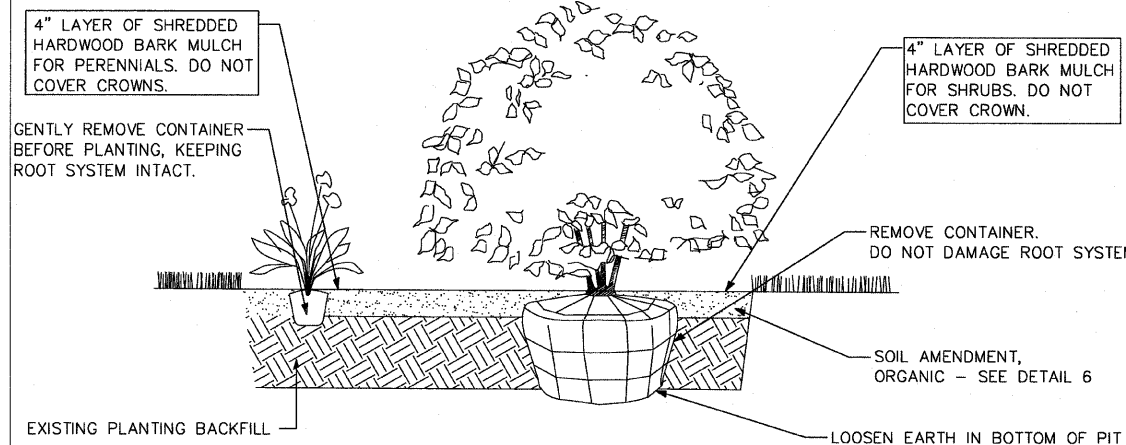
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
MAINLINE LANDSCAPING RESTORATION  
SW & NW QUADRANTS AT 87TH ST - SB I-94  
STA. 1260+95.00 TO STA. 1263+88.80  
SHEET 3 OF 3

SCALE: 1"=10'-0"  
DATE: JUNE 20, 2008

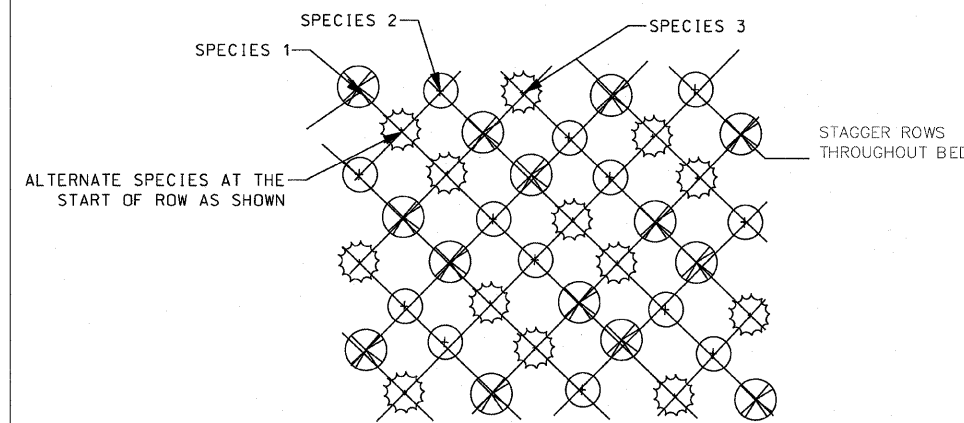
DRAWN BY: JDF  
CHECKED BY: JPM

TYLIN INTERNATIONAL

6/23/2008 9:40:00 AM

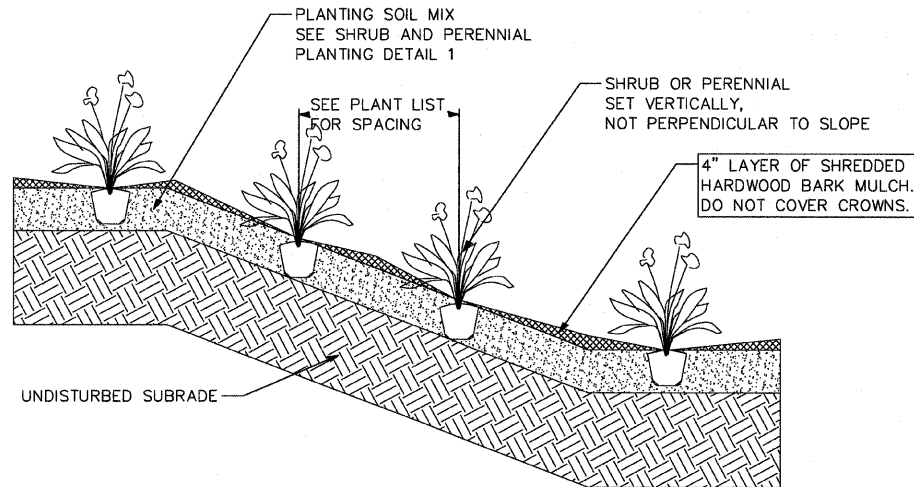


**1 SHRUB AND PERENNIAL PLANTING DETAIL**  
NOT TO SCALE

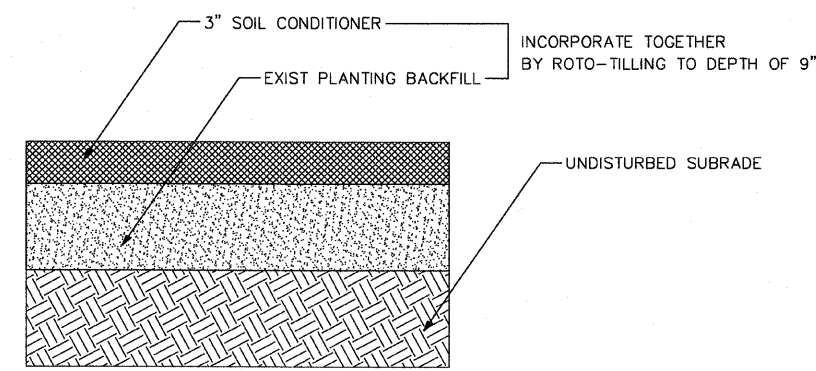


NOTE: PERENNIAL SPACING AND SPECIES VARIES - SEE PLANT SCHEDULES/REMARKS.

**2 PERENNIAL PLANTING DETAIL (3 VARIETIES)**  
NOT TO SCALE



**3 TREE PLANTING DETAIL**  
NOT TO SCALE



**4 TREE PLANTING ON SLOPE DETAIL**  
NOT TO SCALE

NOTES:  
1. STAKE OR GUY TREE ONLY IF IT FAILS TO REMAIN PLUMB.  
2. METHOD TO BE APPROVED BY THE RESIDENT ENGINEER.

NOTES:  
1. PLANT QUANTITIES SHOWN ON DRAWINGS ARE FOR CONTRACTOR'S CONVENIENCE IN ESTIMATING ONLY. CONTRACTOR IS RESPONSIBLE FOR PROVIDING PLANT MATERIALS SUFFICIENT TO COVER AREAS SHOWN ON PLANS AT THE SPACINGS INDICATED.  
2. PLANTINGS SHALL CONFORM TO CITY OF CHICAGO CODES AND SPECIFICATIONS.  
3. CONTRACTOR SHALL PERFORM DUE DILIGENCE IN LOCATING SPECIFIED PLANT MATERIAL.  
4. NO SUBSTITUTIONS OF PLANT MATERIAL, QUANTITIES OR SIZES UNLESS APPROVED BY RESIDENT ENGINEER.  
5. LAYOUT TO BE APPROVED BY RESIDENT ENGINEER PRIOR TO PLANTING.  
6. MULCH TO BE APPLIED EVENLY TO PLANTING BED, DO NOT COVER CROWNS OF PLANTS OR MOUND AT TRUNK.  
7. TREE PLANTING METHOD SHALL BE APPROVED BY RESIDENT ENGINEER PRIOR TO FULL SCALE INSTALLATION.  
8. CONTRACTOR MAY BACKFILL TREE PITS WITH EXIST EXCAVATED EARTH FROM PIT EXCEPT WHERE UNSUITABLE SOILS AND/OR CLAY IS ENCOUNTERED. CONTRACTOR SHALL HAUL OFF AND PROPERLY DISPOSE OF ANY UNSUITABLE SOILS AND/OR CLAY ENCOUNTERED.

**5 SHRUB/PERENNIAL PLANTING ON SLOPE DETAIL**  
NOT TO SCALE

**6 SOIL AMENDMENT, ORGANIC DETAIL**  
NOT TO SCALE

SITE DESIGN GROUP

TYLIN INTERNATIONAL

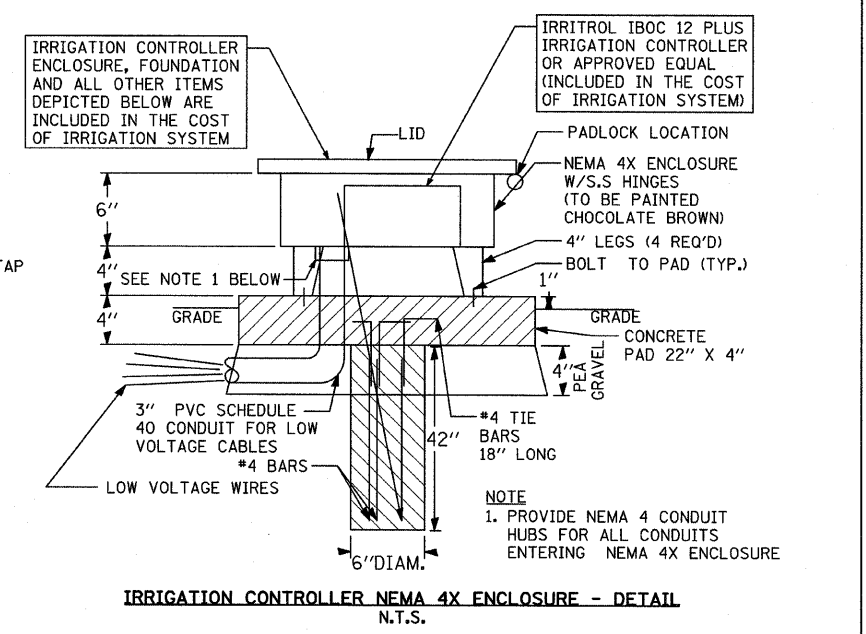
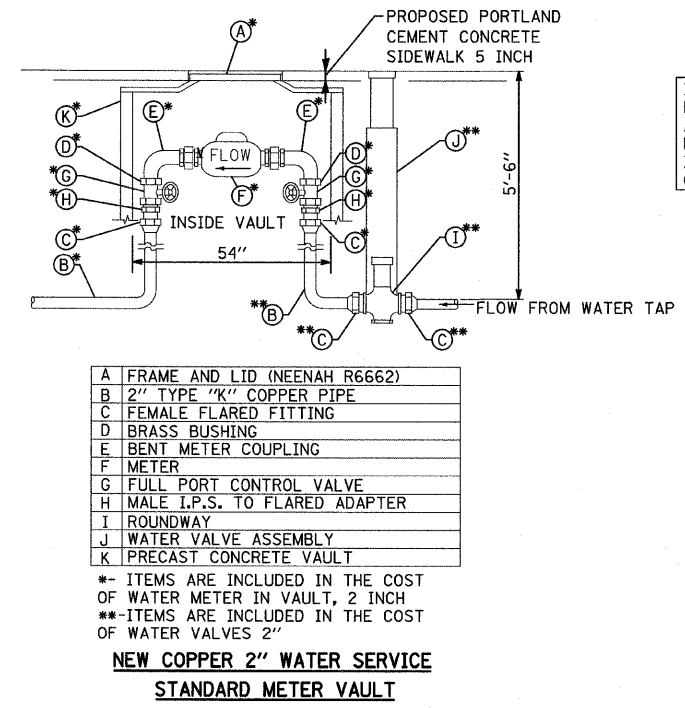
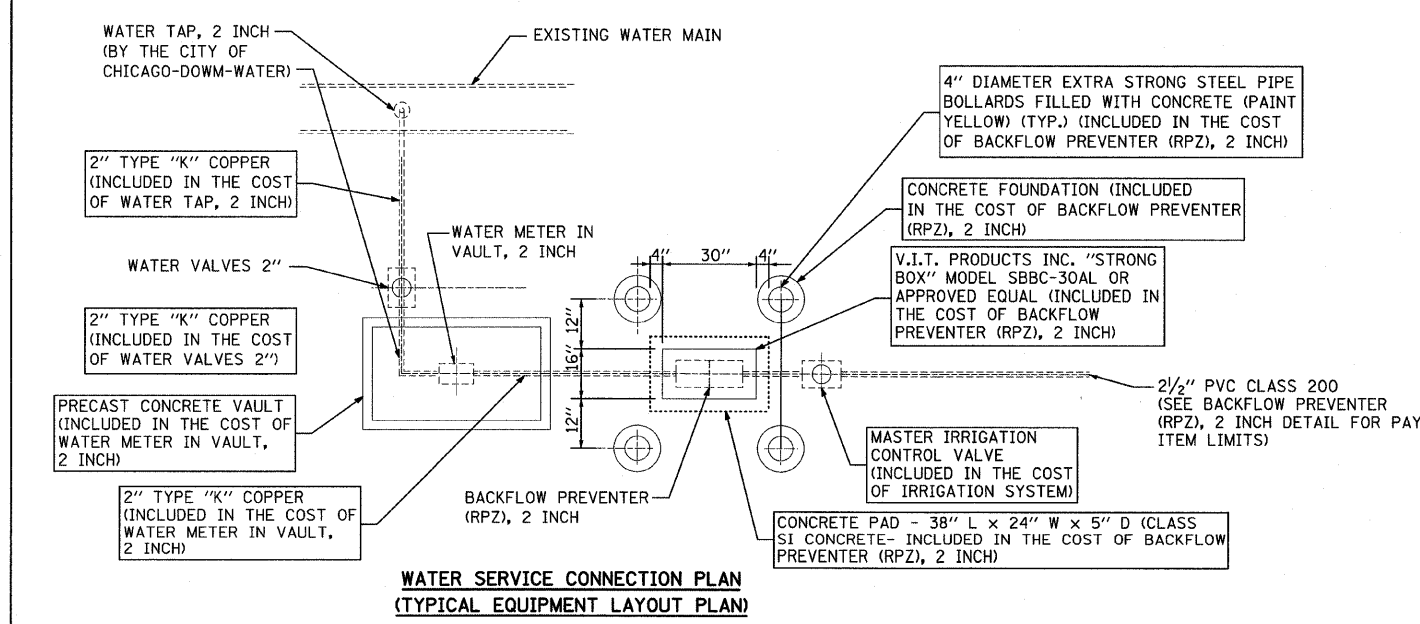
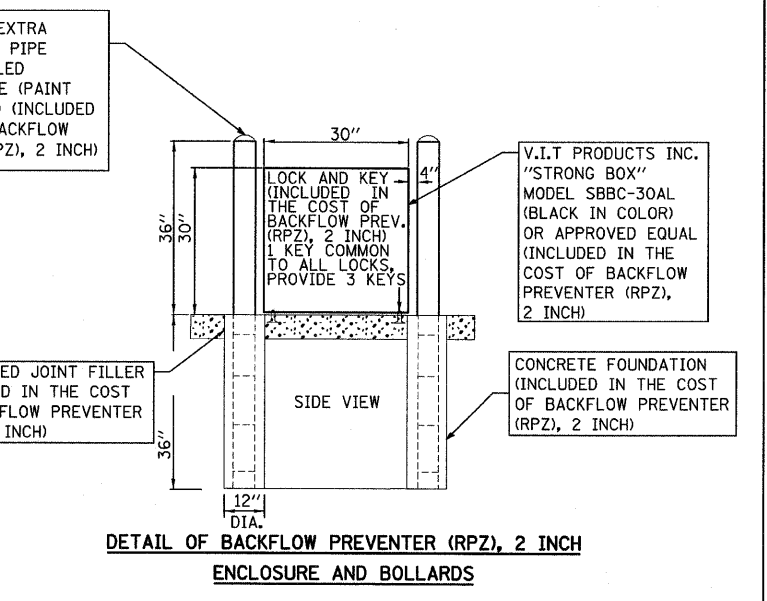
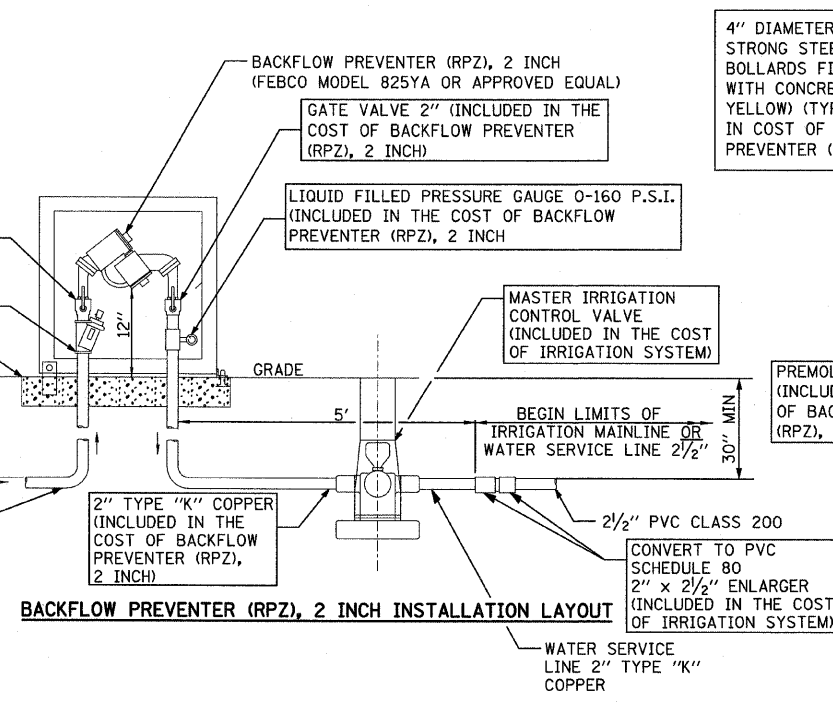
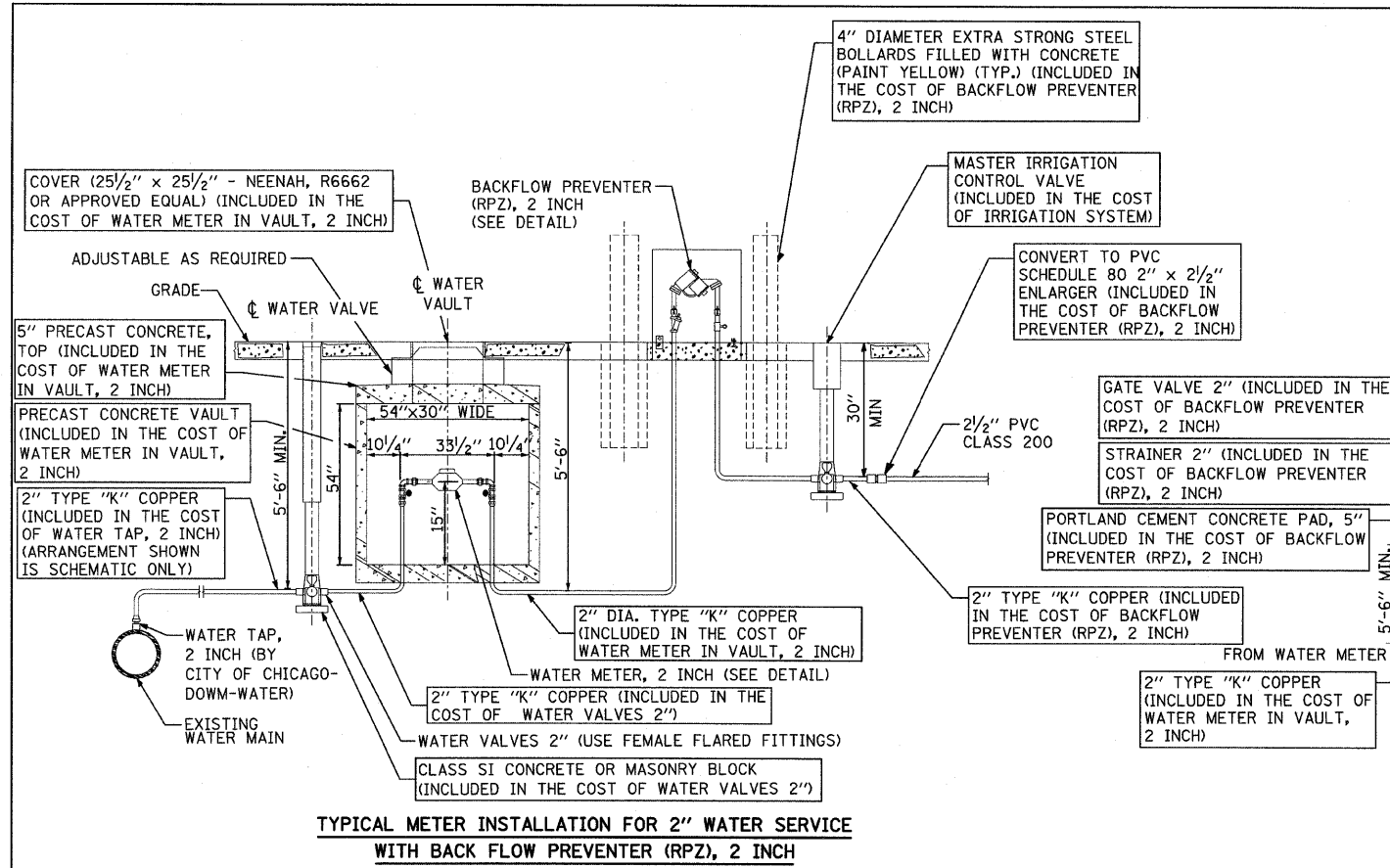
ITEM IS PAID FOR AS PART OF INDIVIDUAL PLANT ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
87TH STREET GATEWAY LANDSCAPING AND IRRIGATION  
LANDSCAPE DETAILS

SCALE: NTS  
DATE: June 20, 2008  
DRAWN BY: EM  
CHECKED BY: JO

\$ FILE \$



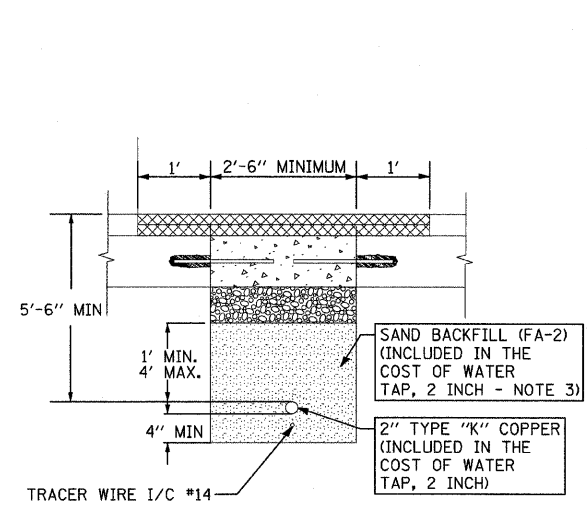
**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE

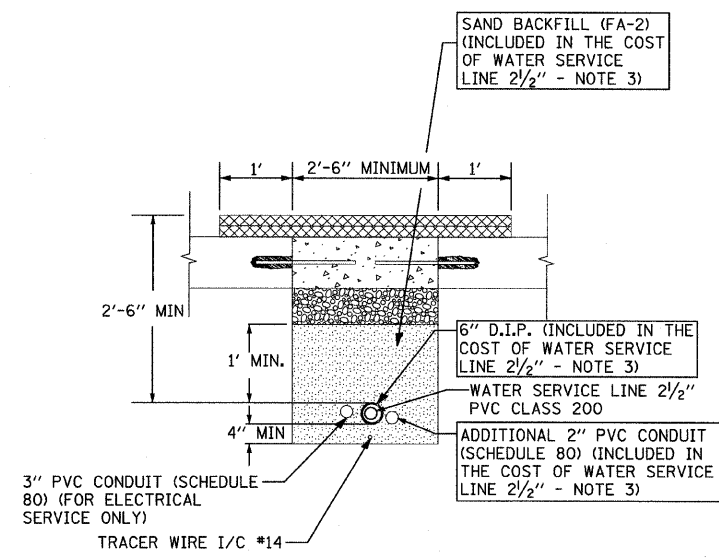
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 GATEWAY AND CORNER GARDEN WATER SERVICE EQUIPMENT INSTALLATION, PAVEMENT REMOVAL AND REPLACEMENT DETAILS  
 SHEET 1 OF 2

SCALE: N.T.S. DRAWN BY: JDF  
 DATE: JUNE 20, 2008 CHECKED BY: JPM

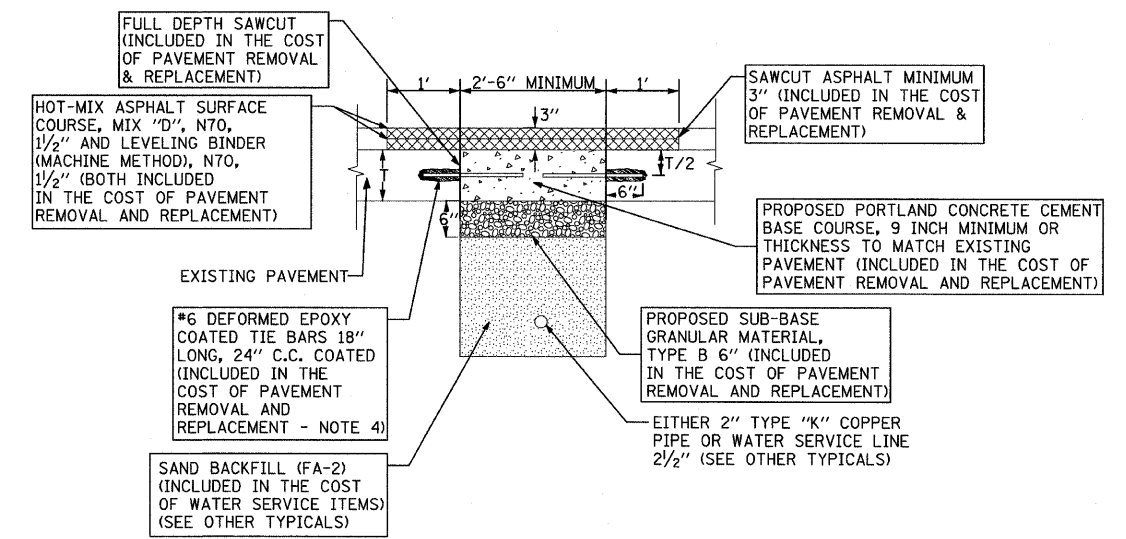
p:\082373\road\2005\2005-069 LS\60A75.dwg 9-40-03 AM 6/23/2008



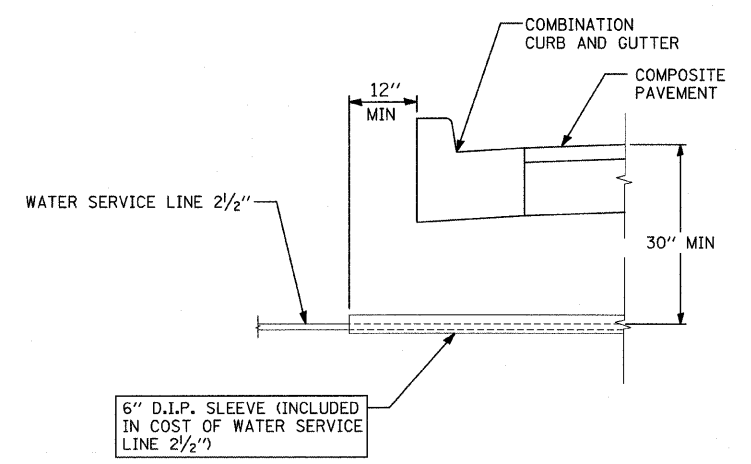
**2" TYPE "K" COPPER PIPE (INCLUDED IN THE COST OF WATER TAP, 2 INCH) - PAVEMENT SECTION**  
N.T.S.



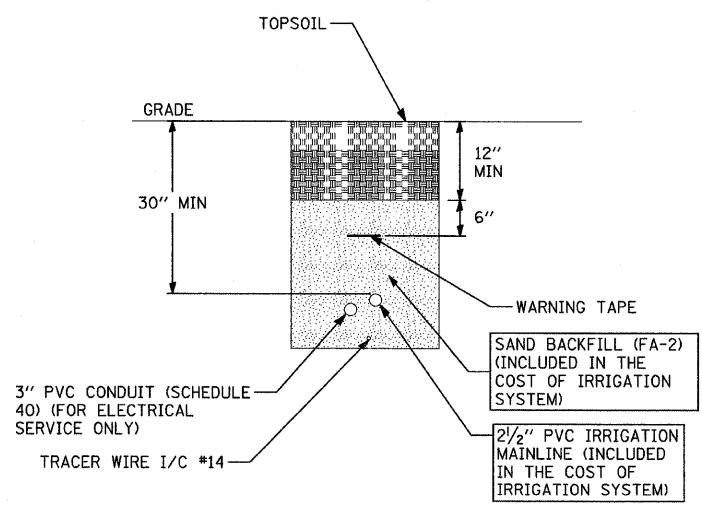
**2 1/2" PVC CLASS 200 - PAVEMENT SECTION**  
N.T.S.



**PAVEMENT REMOVAL & REPLACEMENT - TYPICAL**  
N.T.S.



**SLEEVING INSTALLATION REQUIREMENTS WITH CURB**  
N.T.S.



**TYPICAL SECTION OF 2 1/2" IRRIGATION MAINLINE IN GATEWAY**

- NOTES:**
1. ALL TIE BARS TO BE EPOXY COATED (INCLUDED IN THE COST OF PAVEMENT REMOVAL AND REPLACEMENT).
  2. ADDITIONAL ONE FOOT (1') OF HOT-MIX ASPHALT SURFACE REMOVAL ON EITHER SIDE OF CONCRETE PATCH SHALL BE REMOVED PRIOR TO PLACING HOT-MIX ASPHALT SURFACE COURSE.
  3. PIPE BEDDING, TAMPED IN PLACE 4" MINIMUM UNDER PIPE AND 1'-0" ABOVE TOP OF PIPE. SHALL BE WELL SPADED ON BOTH SIDES OF PIPE.
  4. TIE BARS MAY BE DELETED SUBJECT TO APPROVAL BY THE ENGINEER.
  5. ALL CONTROL WIRING MUST BE PLACED INSIDE 3" SCHEDULE 80 PVC PIPE FOR ALL PAVED AREA CROSSINGS. THIS WORK AND MATERIALS SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE REQUIREMENTS. THE COST OF THIS WORK WILL BE INCLUDED IN COST OF IRRIGATION SYSTEM.

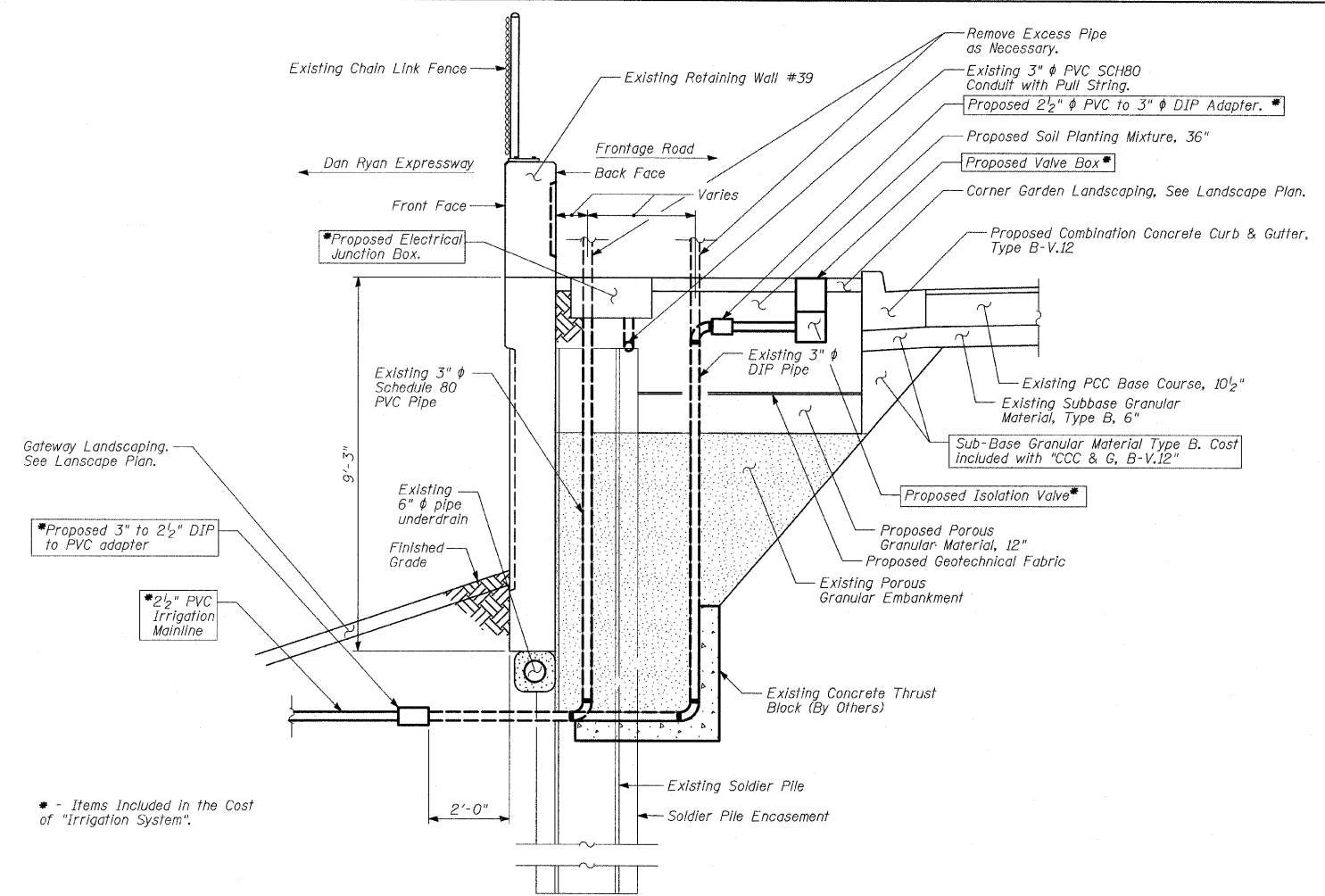
**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE

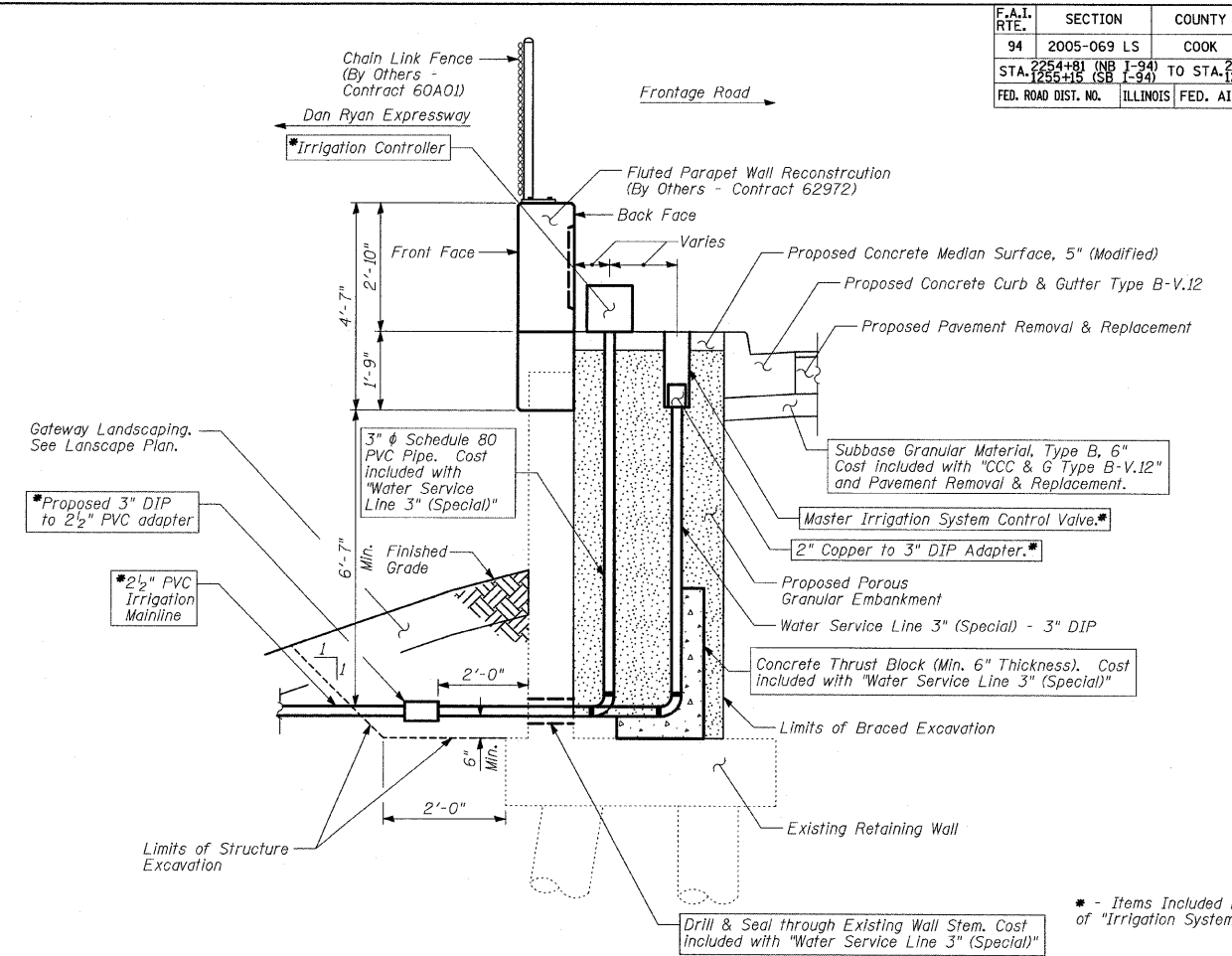
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
GATEWAY AND CORNER GARDEN WATER SERVICE EQUIPMENT INSTALLATION, PAVEMENT REMOVAL AND REPLACEMENT DETAILS  
SHEET 2 OF 2

SCALE: N.T.S. DRAWN BY: JDF  
DATE: JUNE 20, 2008 CHECKED BY: JPM

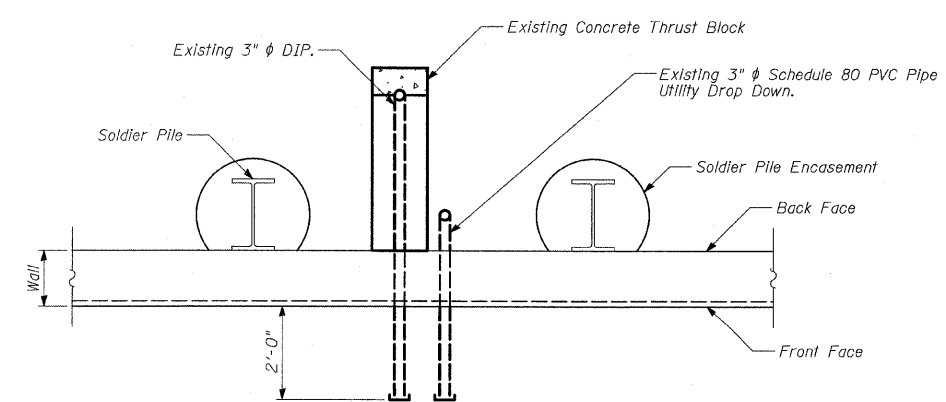
PA-02-373 road/2251+81 to 2253+45 (NB I-94) 9/4/05 JPM



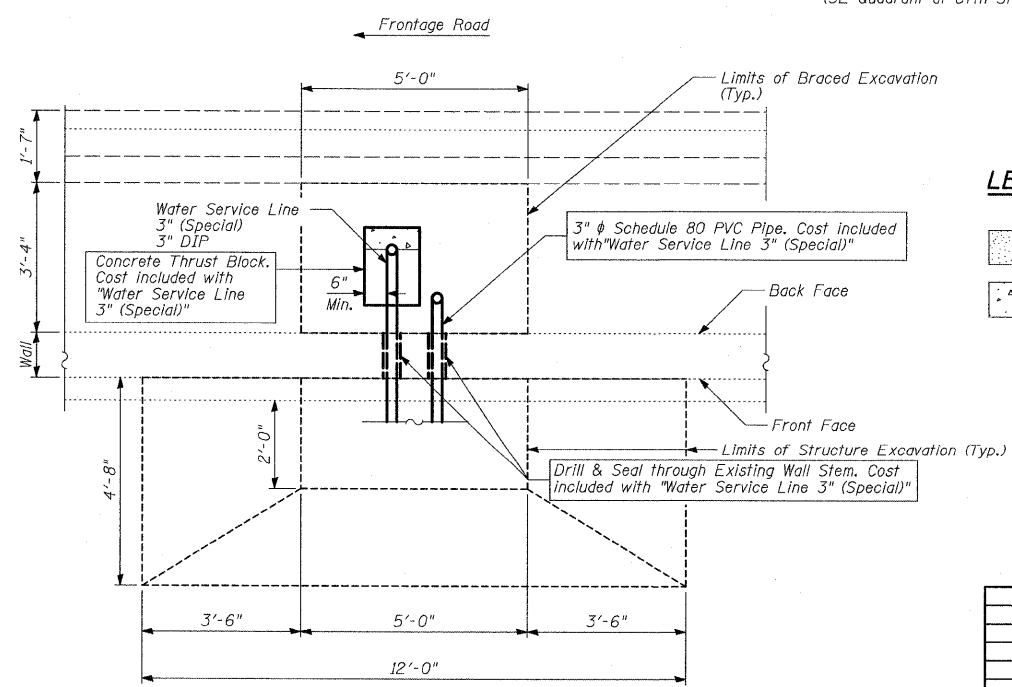
**EXISTING ELEVATION - WATER SERVICE & ELECTRICAL LINES AT SOLDIER PILE RETAINING WALL #39**  
(SW Quadrant at 87th Street)



**ELEVATION - WATER SERVICE & ELECTRICAL LINES AT EXISTING RETAINING WALL BEHIND WALL 5**  
(SE Quadrant at 87th Street)



**EXISTING PLAN - WATER SERVICE & ELECTRICAL LINES AT SOLDIER PILE RETAINING WALL #39**  
(For Information Only)



**PLAN - WATER SERVICE & ELECTRICAL LINES AT EXISTING RETAINING WALL**

**LEGEND**

- Porous Granular Embankment
- Portland Cement Concrete

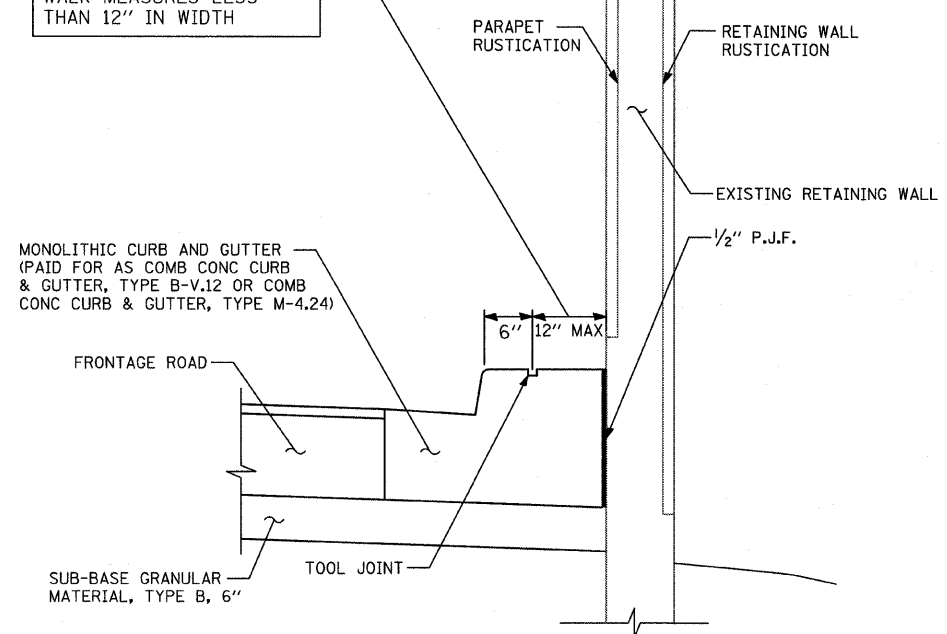
**BILL OF MATERIAL**

ITEM	UNIT	Existing Wall #5	TOTAL
Porous Granular Embankment	CU YD	5	5
Structure Excavation	CU YD	8	8
Braced Excavation	CU YD	5	5
Water Service Line 3" (Special)	FOOT	12	12

REVISIONS	
NAME	DATE

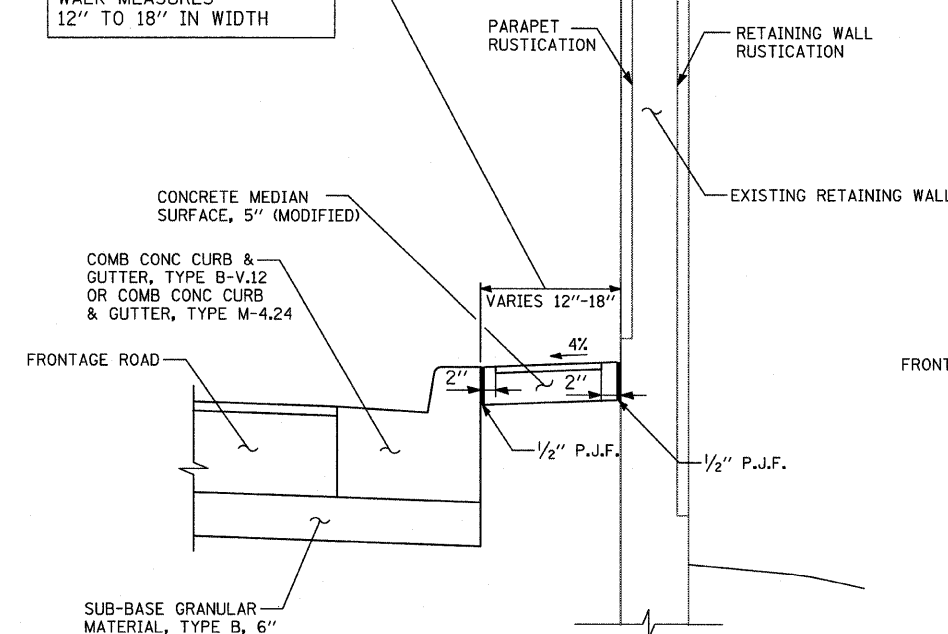
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**GATEWAY AND CORNER GARDEN UTILITY DROP DOWN DETAILS**  
SCALE: N.T.S.  
DATE: JUNE 20, 2008  
DRAWN BY: MAF  
CHECKED BY: DAK, TGB

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



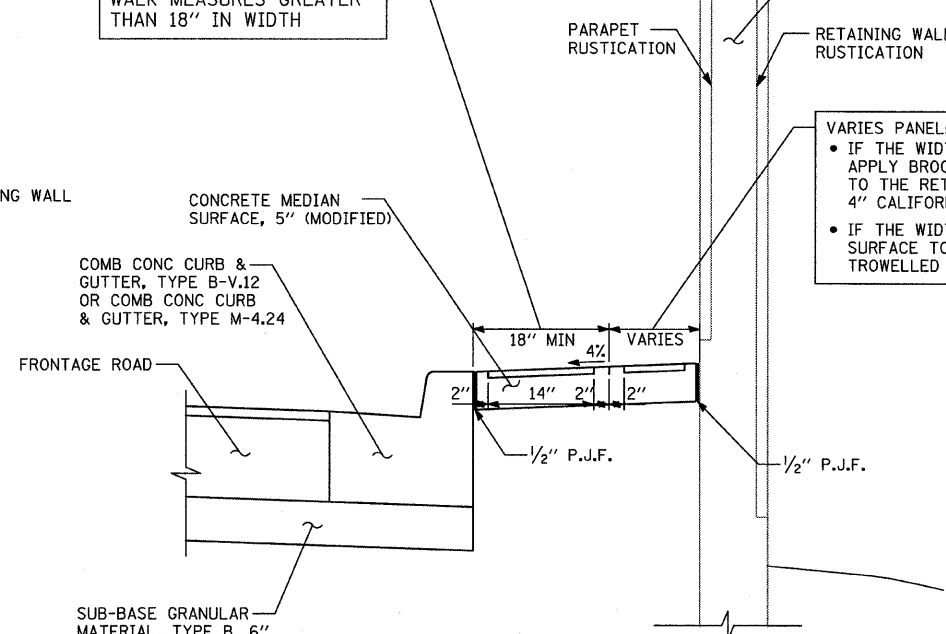
**SECTION - CARRIAGE WALK "A"**  
AREA <12" WIDE

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



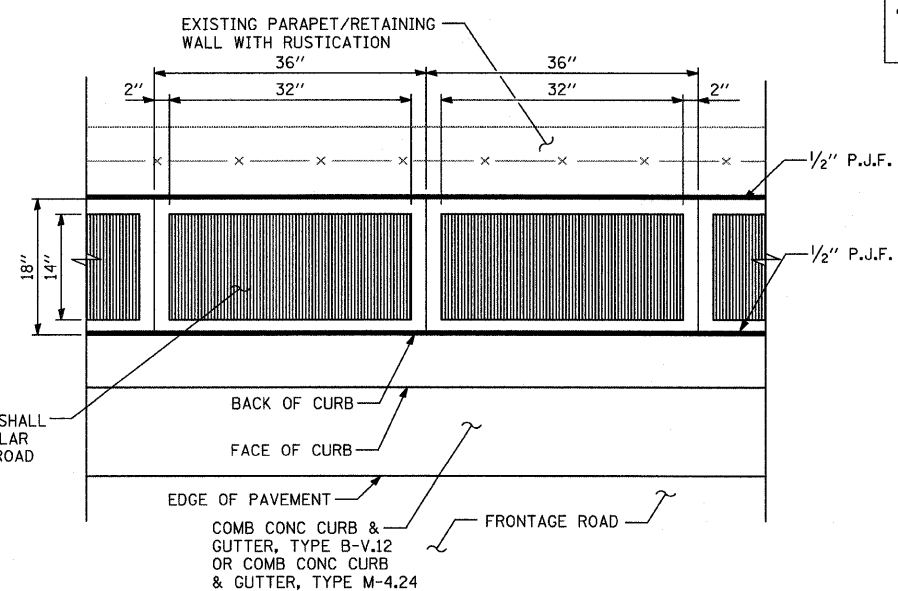
**SECTION - CARRIAGE WALK "B"**  
AREA 12" TO 18" WIDE

**NOTE:**  
THIS OPTION WILL BE USED WHEN THE CARRIAGE WALK MEASURES GREATER THAN 18" IN WIDTH



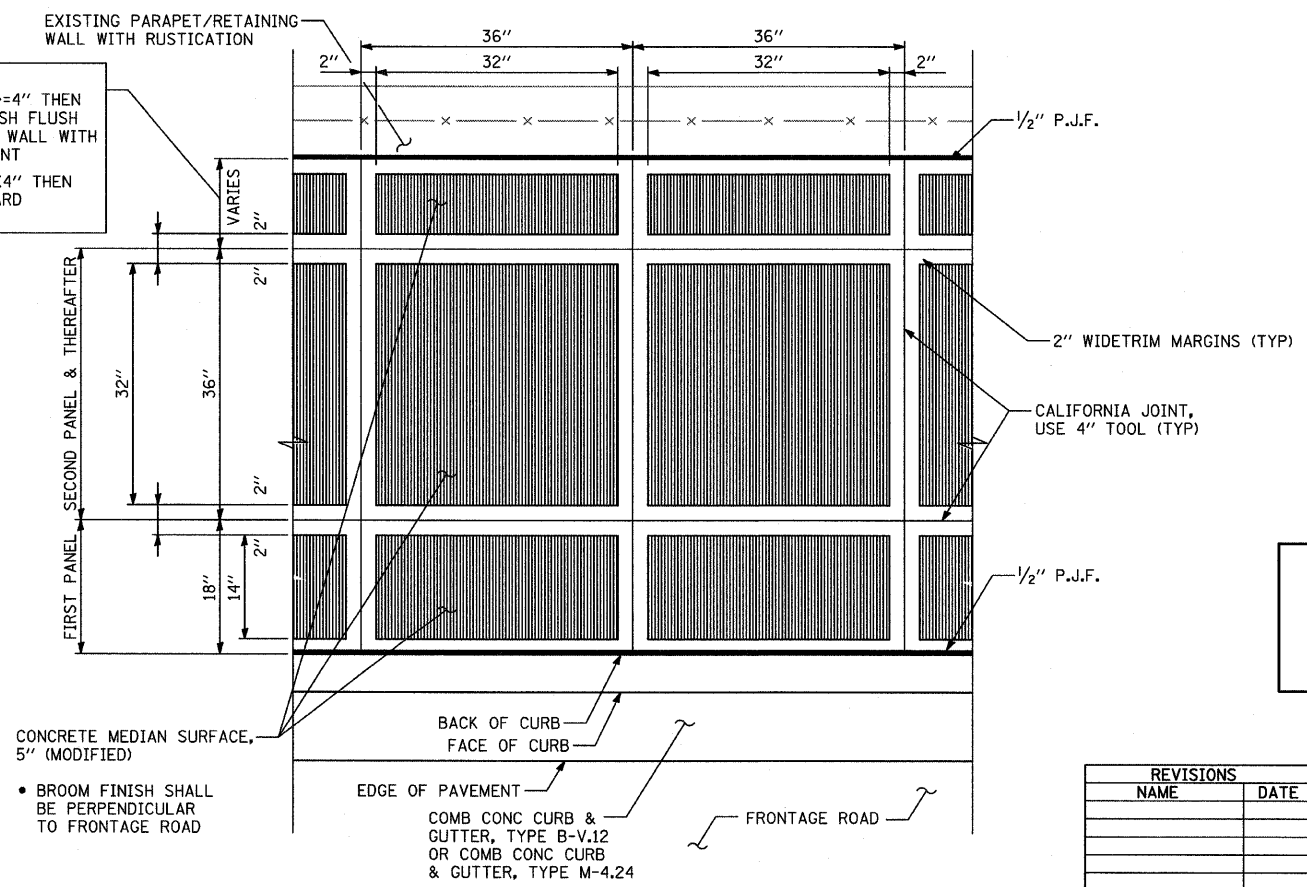
**SECTION - CARRIAGE WALK "C"**  
AREA >18" WIDE

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



**PLAN DETAIL "B": COORDINATE WITH CARRIAGE WALK "B"**  
CALIFORNIA FINISH

**VARIES PANEL:**  
• IF THE WIDTH IS >=4" THEN APPLY BROOM FINISH FLUSH TO THE RETAINING WALL WITH 4" CALIFORNIA JOINT  
• IF THE WIDTH IS <4" THEN SURFACE TO BE HARD TROWELLED



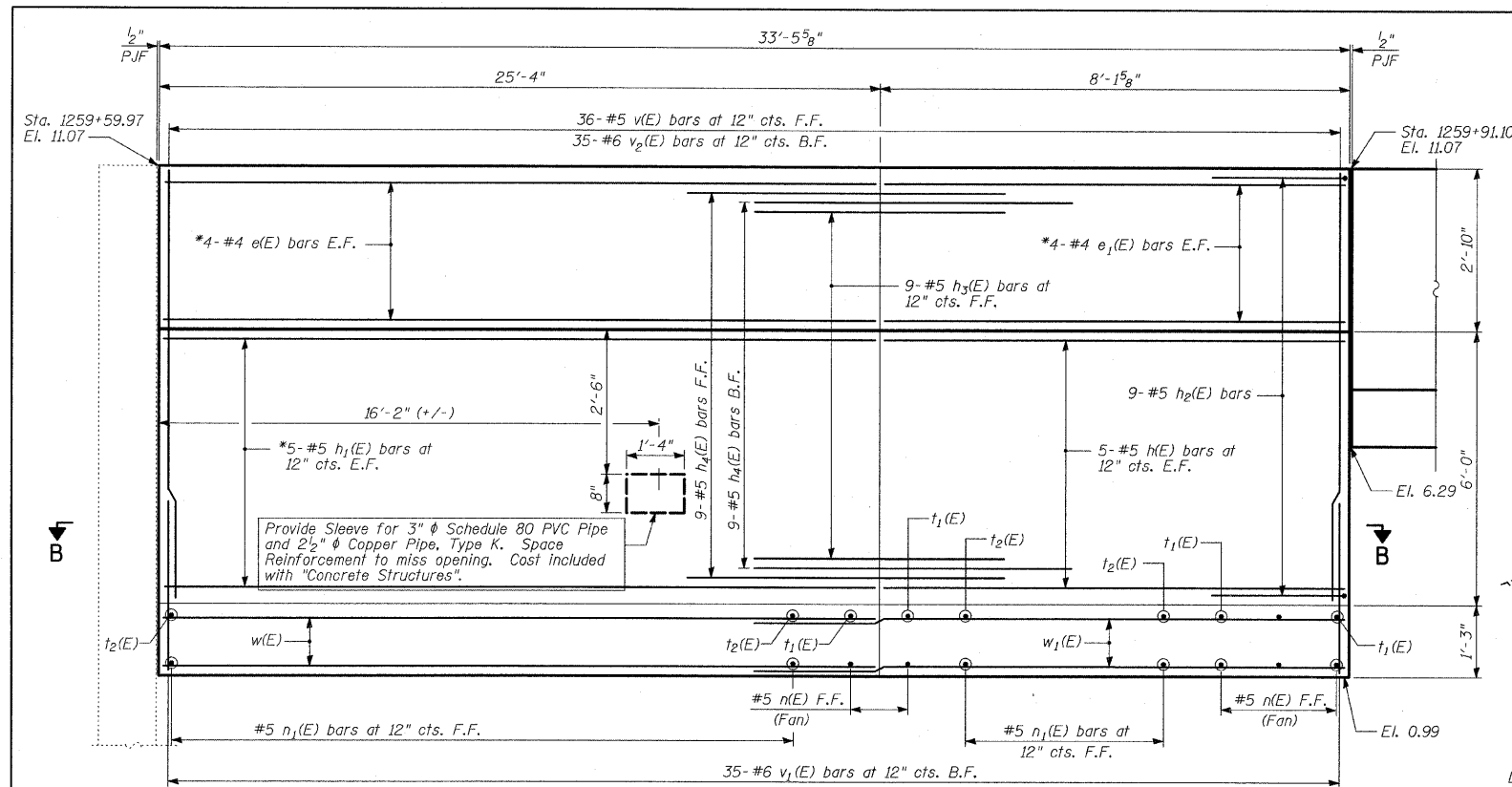
**PLAN DETAIL "A": COORDINATE WITH CARRIAGE WALK "C"**  
CALIFORNIA FINISH

**NOTE:**  
NOT ALL ITEMS SHOWN IN THIS DETAIL ARE PROPOSED. SEE PLANS FOR PROPOSED ITEMS.

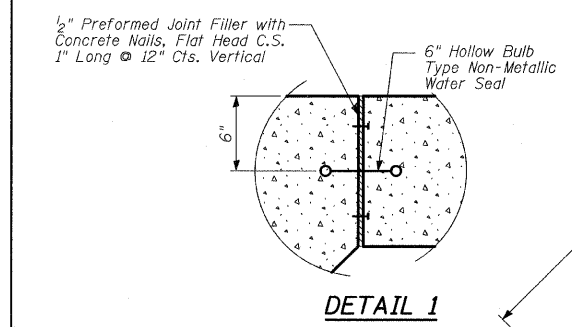
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**CONCRETE MEDIAN SURFACE, 5" (MODIFIED) WITH CALIFORNIA FINISH DETAIL**  
SCALE: NONE  
DATE: JUNE 20, 2008  
DRAWN BY: MPG  
CHECKED BY: JPM

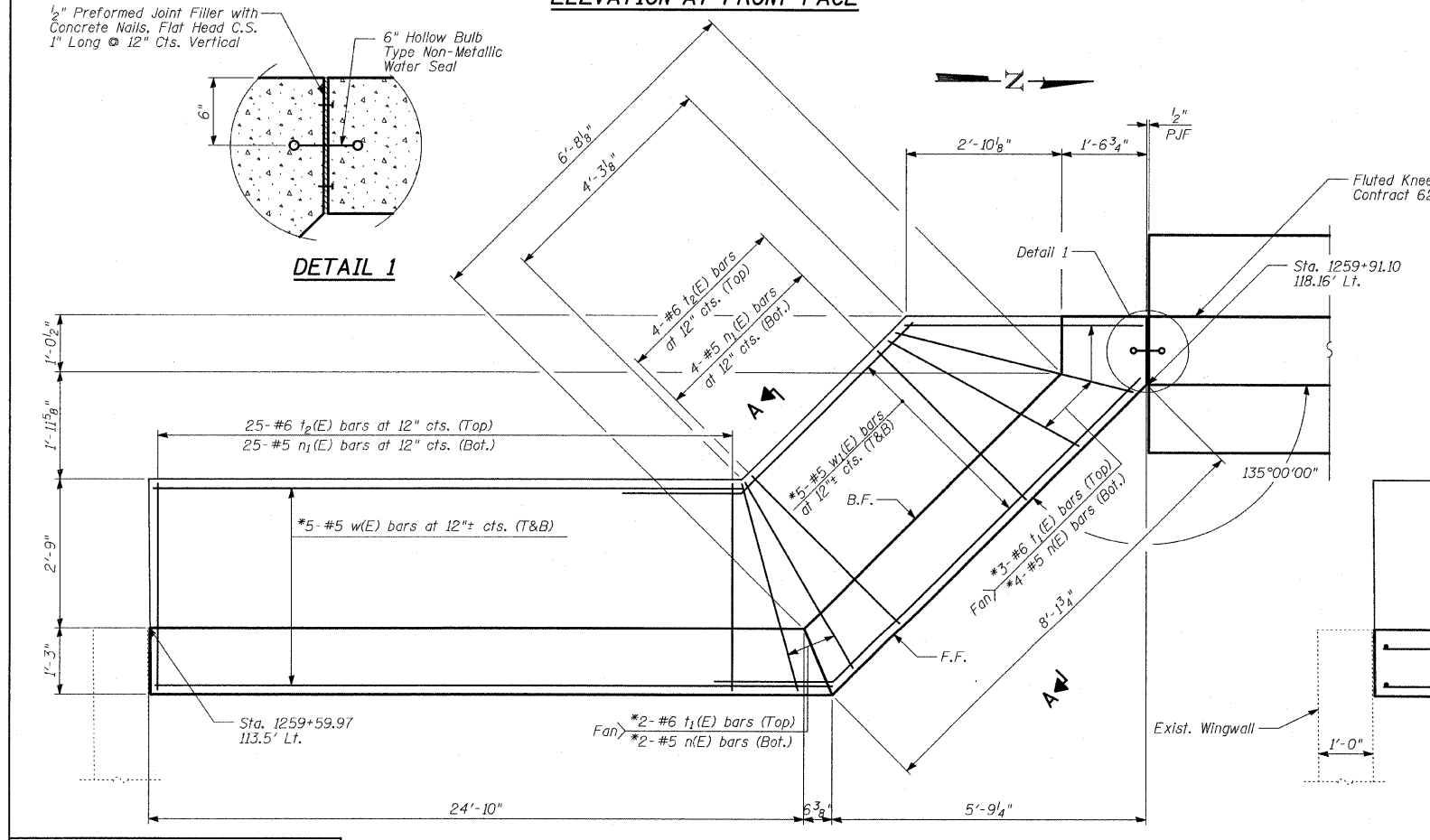




**ELEVATION AT FRONT FACE**



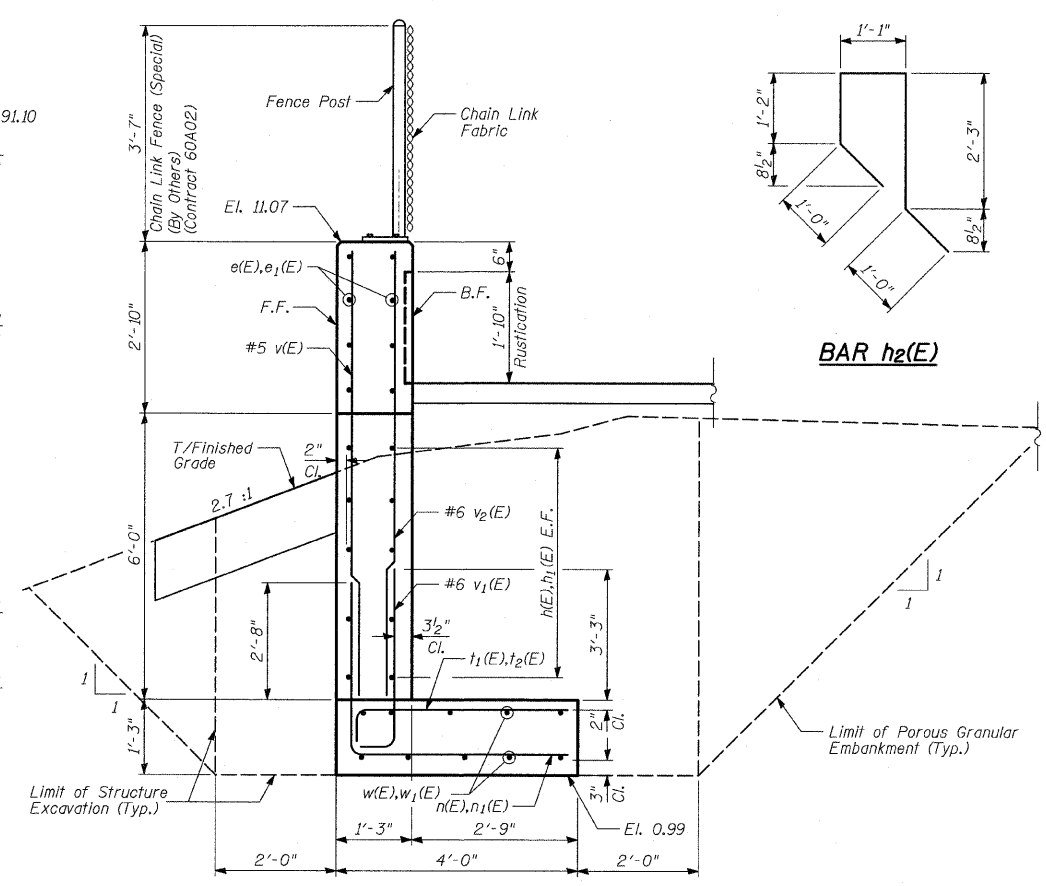
**DETAIL 1**



**FOUNDATION - PLAN**  
NW Quadrant at 87th Street

\* Cut bars to fit in field

**TYLIN INTERNATIONAL**

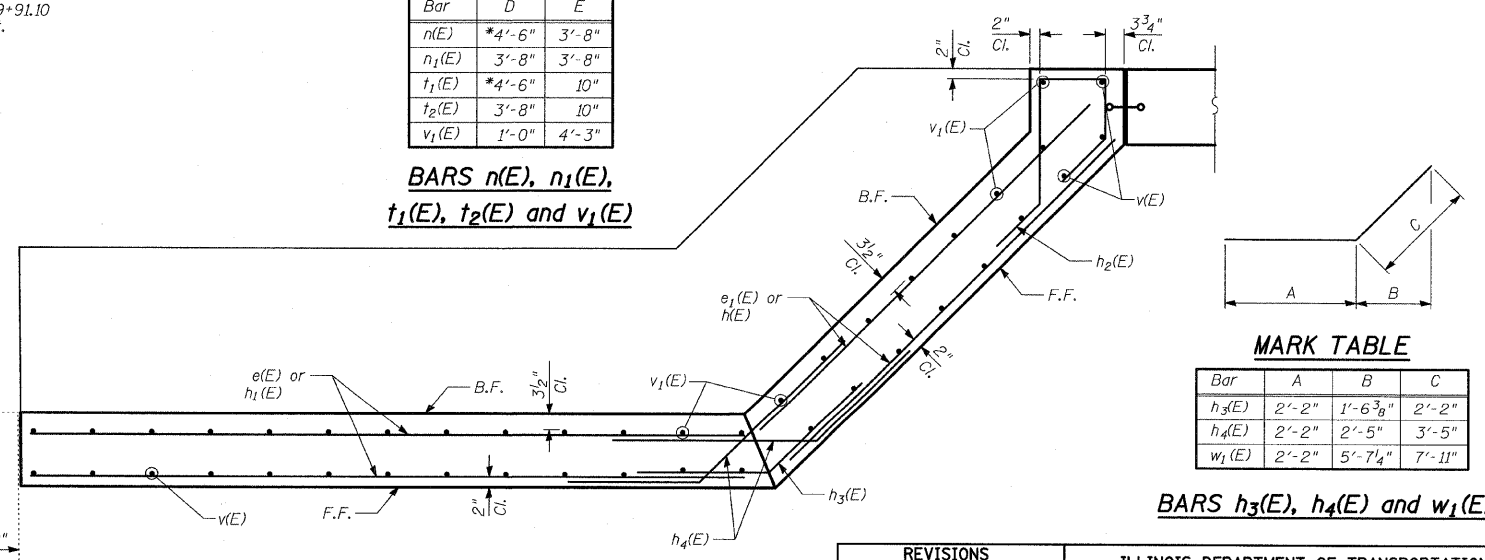


**SECTION A-A**  
Sta. 1259+59.97 to Sta. 1259+78.25

**MARK TABLE**

Bar	D	E
n(E)	*4'-6"	3'-8"
n1(E)	3'-8"	3'-8"
t1(E)	*4'-6"	10"
t2(E)	3'-8"	10"
v1(E)	1'-0"	4'-3"

**BARS n(E), n1(E), t1(E), t2(E) and v1(E)**



**SECTION B-B**

**LEGEND**

E.F. - denotes Each Face  
F.F. - denotes Front Face  
B.F. - denotes Back Face  
T&B - denotes Top and Bottom

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape	
e(E)	8	#4	25'-0"	—	
e1(E)	8	#4	7'-11"	—	
h(E)	10	#5	7'-11"	—	
h1(E)	10	#5	25'-0"	—	
h2(E)	9	#5	6'-6"	—	
h3(E)	9	#5	4'-4"	—	
h4(E)	18	#5	5'-7"	—	
n(E)	6	#5	8'-2"	—	
n1(E)	29	#5	7'-4"	—	
t1(E)	5	#6	5'-4"	—	
t2(E)	29	#6	4'-6"	—	
v(E)	36	#5	8'-8"	—	
v1(E)	35	#6	5'-3"	—	
v2(E)	35	#6	8'-8"	—	
w(E)	10	#5	25'-0"	—	
w1(E)	10	#5	10'-4"	—	
Reinforcement Bars, Epoxy Coated				POUND	2,670
Porous Granular Embankment				CU YD	89
Structure Excavation				CU YD	67
Concrete Structures				CU YD	20
Protective Coat				SQ YD	30
Rustication Finish				SQ FT	56

Reinforcement bars designated (E) shall be epoxy coated.

**MARK TABLE**

Bar	A	B	C
h3(E)	2'-2"	1'-6 3/8"	2'-2"
h4(E)	2'-2"	2'-5"	3'-5"
w1(E)	2'-2"	5'-7 1/4"	7'-11"

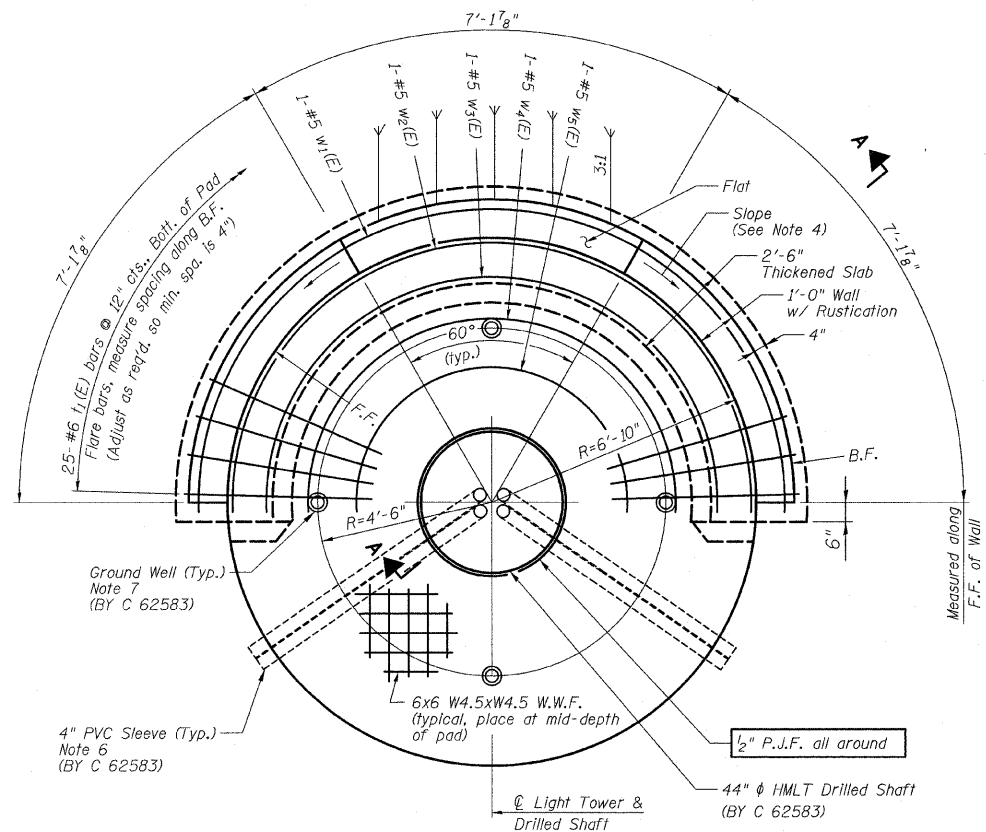
**BARS h3(E), h4(E) and w1(E)**

REVISIONS	
NAME	DATE

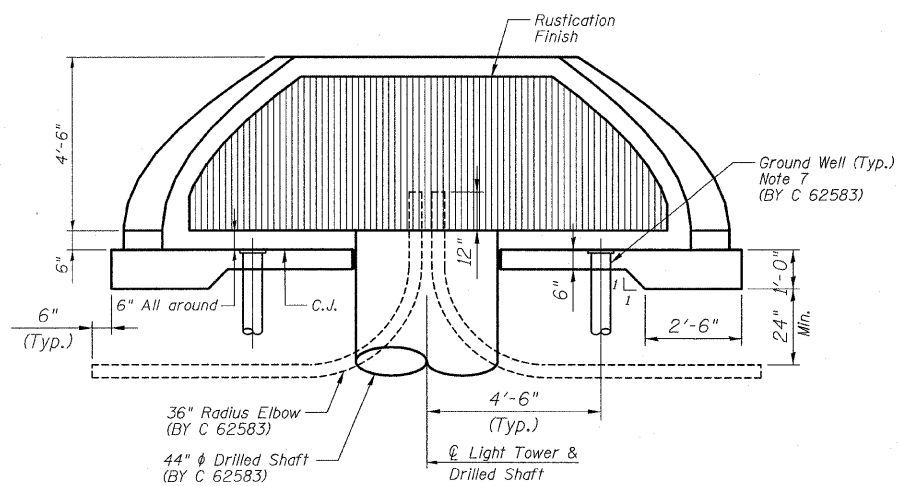
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
TYPICAL SECTIONS, ELEVATIONS AND DETAILS - CORNER GARDEN  
SCALE: N.T.S.  
DATE: JUNE 20, 2008  
DRAWN BY: MAF  
CHECKED BY: PF

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	46
STA. 1255+19 (SB I-94)		STA. 1263+40 (NB I-94)		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

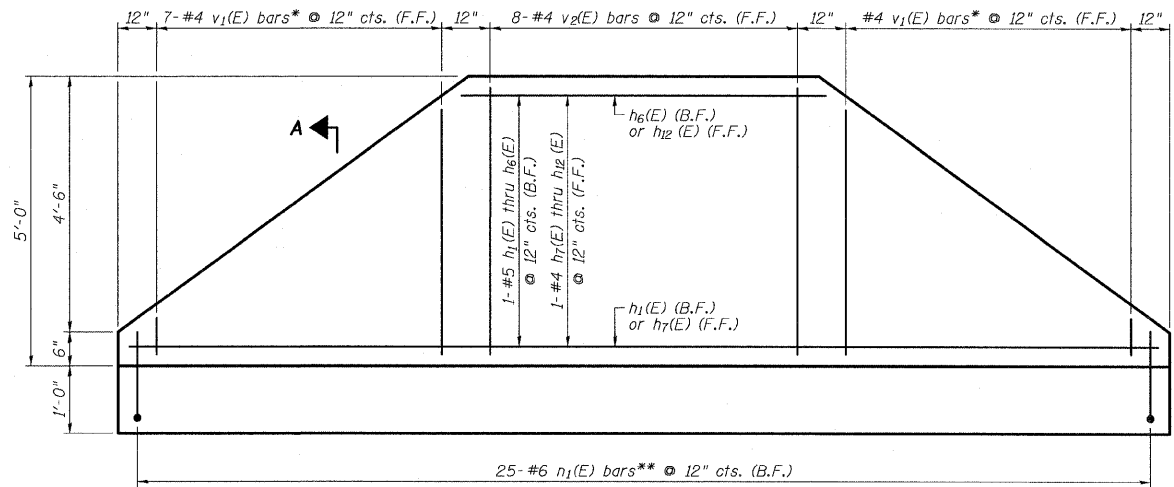
60A75



**PLAN VIEW**  
Place Bars  $w_1(E)$  thru  $w_5(E)$  @ 12" cts., Bott. of Pad  
(HMLT 6PAB4 at Sta. 1260+65.65 SB I-94 @)  
(HMLT 60CD2 at Sta. 1255+99.67 SB I-94 @)



**ELEVATION VIEW**  
(HMLT not shown for clarity)  
(HMLT 6PAB4 at Sta. 1260+65.65 SB I-94 @)  
(HMLT 60AB1 at Sta. 1255+99.67 SB I-94 @)



\* Cut to fit, use remainder of bars at opposite end of wall. See Cutting Diagram, Sheet 26 of 49.  
\*\* Cut to fit where necessary, discard excess.

**5'-0" RETAINING WALL ELEVATION (PROJECTED)**

(Looking at F.F.)  
(HMLT 6PAB4 at Sta. 1260+65.65 SB I-94 @)  
(HMLT 60CD2 at Sta. 1255+99.67 SB I-94 @)

**NOTES**

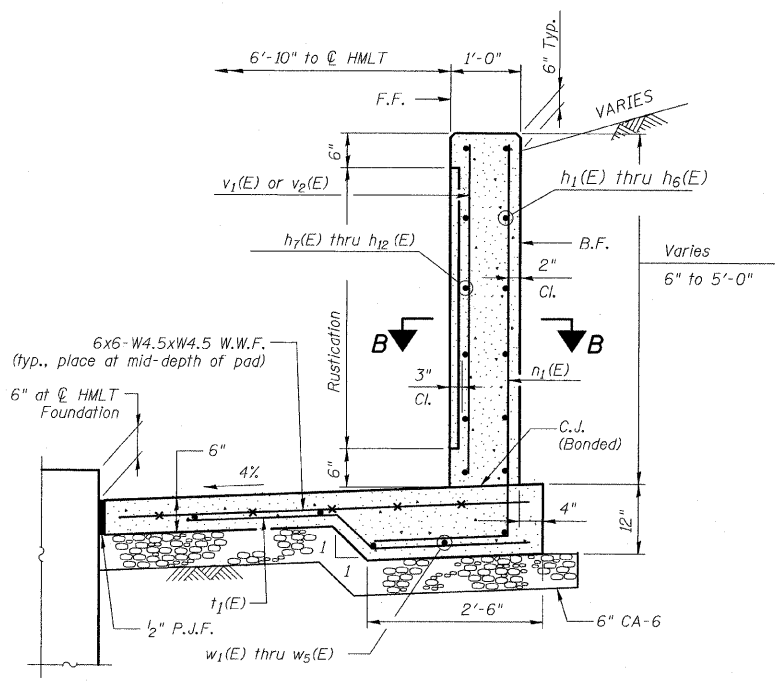
1. F.F. and B.F. denote Front Face and Back Face, respectively.
2. HMLT denotes High Mast Light Tower.
3. Refer to HMLT Service Pad, Special & Retaining Wall Details 2 for Bar Bending Diagrams, Bill of Material, Bar Sections and Details.
4. T/Wall slope is constant along the arc of any given radius.
5. Place horizontal tails of  $n_1(E)$  bars radially.
6. PVC sleeves must be extended 6 inches by Contract 62583 beyond the edge of the concrete pad.
7. Ground wells 4'-6" as measured from centerline of the HMLT to centerline of the well to be installed by Contract 62583. Adjust service pad reinforcement to miss wells. Any necessary vertical adjustments will be performed by the contractor who installed the ground wells at the specific location.

REVISIONS	
NAME	DATE

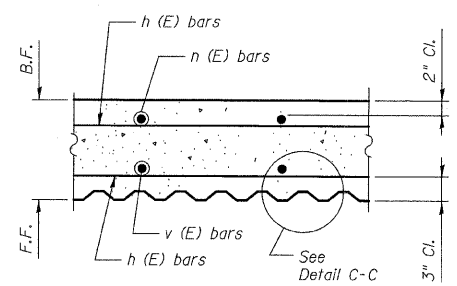
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
HIGH MAST LIGHT TOWER SERVICE PAD,  
SPECIAL & RETAINING WALL DETAILS  
SHEET 1 OF 2  
S.N. DESIGNED BY: MAF  
SCALE: N.T.S. DRAWN BY: MAF  
DATE: JUNE 20, 2008 CHECKED BY: PF

TYLIN INTERNATIONAL

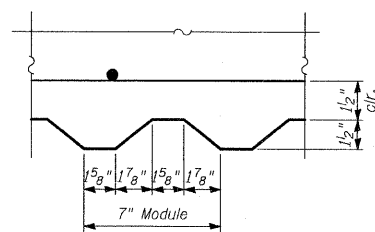
6/23/2008 9:40:18 AM



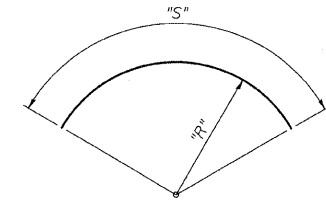
**SECTION A-A**



**SECTION B-B**



**DETAIL C-C**



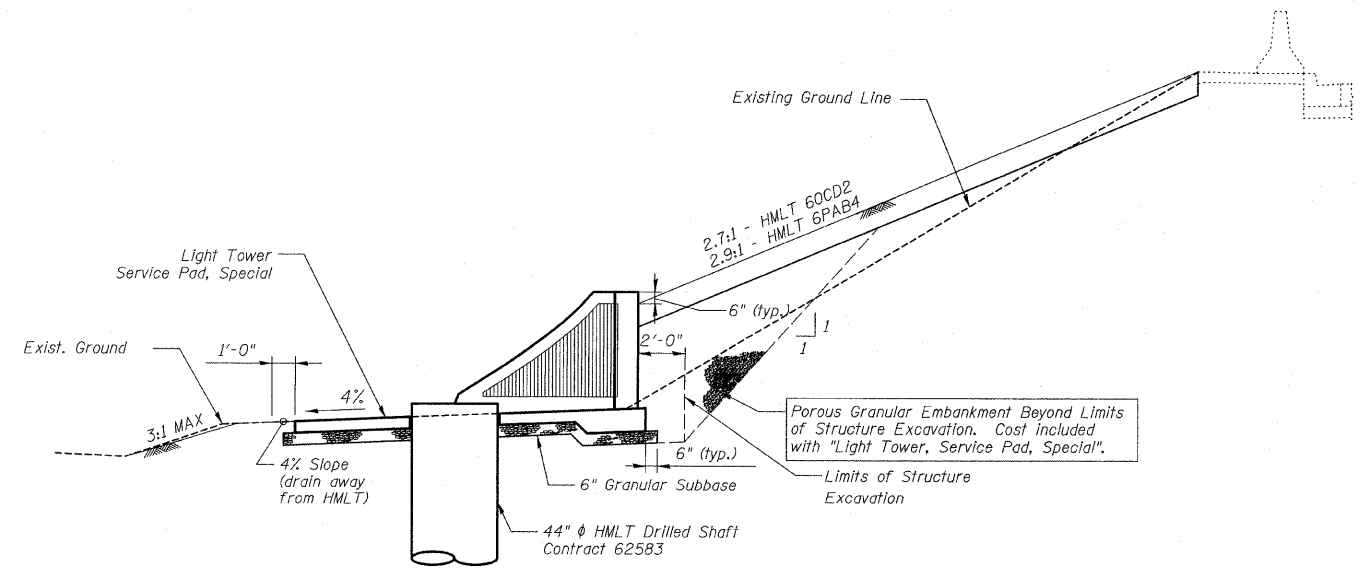
Bar	"R"	"S"
h1(E)	7'-7"	23'-6"
h2(E)	7'-7"	20'-10"
h3(E)	7'-7"	17'-8"
h4(E)	7'-7"	14'-6"
h5(E)	7'-7"	11'-4"
h6(E)	7'-7"	8'-2"
h7(E)	7'-1 1/2"	22'-1"
h8(E)	7'-1 1/2"	19'-7"
h9(E)	7'-1 1/2"	16'-7"
h10(E)	7'-1 1/2"	13'-7"
h11(E)	7'-1 1/2"	10'-8"
h12(E)	7'-1 1/2"	7'-8"
w1(E)	7'-7"	24'-4"
w2(E)	6'-8"	21'-7"
w3(E)	5'-10"	18'-10"
w4(E)	4'-9"	15'-5"
w5(E)	3'-6"	11'-6"

Note: "R" and "S" measured along bar  $\phi$

**BARS w1(E) thru w5(E) & h1(E) thru h12(E)**

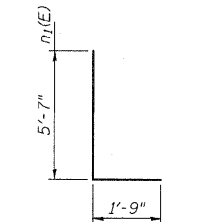
**BILL OF MATERIAL**  
Light Tower Service Pad, Special with 5'-0" Wall (Note 4)

Bar	No.	Size	Length	Shape
h1(E)	1	#5	23'-6"	Curve
h2(E)	1	#5	20'-10"	Curve
h3(E)	1	#5	17'-8"	Curve
h4(E)	1	#5	14'-6"	Curve
h5(E)	1	#5	11'-4"	Curve
h6(E)	1	#5	8'-2"	Curve
h7(E)	1	#4	22'-1"	Curve
h8(E)	1	#4	19'-7"	Curve
h9(E)	1	#4	16'-7"	Curve
h10(E)	1	#4	13'-7"	Curve
h11(E)	1	#4	10'-8"	Curve
h12(E)	1	#4	7'-8"	Curve
n1(E)	25	#6	7'-4"	Rect
t1(E)	25	#6	5'-1"	Rect
v1(E)	7	#4	5'-0"	Rect
v2(E)	8	#4	4'-8"	Rect
w1(E)	1	#5	24'-4"	Curve
w2(E)	1	#5	21'-7"	Curve
w3(E)	1	#5	18'-10"	Curve
w4(E)	1	#5	15'-5"	Curve
w5(E)	1	#5	11'-6"	Curve

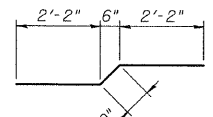


**SECTION THRU EMBANKMENT**

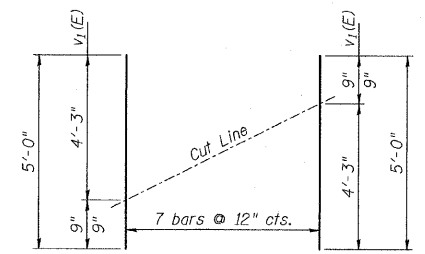
(At Typ. Tower Location)  
HMLT not shown for clarity



**BAR n1(E)**



**BAR t1(E)**



Order v1(E) bars full length and cut to fit as shown. Use remainder of bars as indicated on plans.

**\* CUTTING DIAGRAM**  
Bars v1(E)

**NOTES**

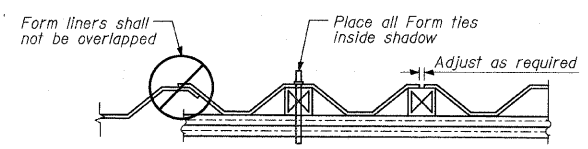
- F.F. and B.F. denote Front Face and Back Face, respectively.
- HMLT denotes High Mast Light Tower.
- See IDOT Standard Drawing BE501 for additional High Mast Light Tower foundation and ground well details.
- Reinforcement Bars designated (E) shall be epoxy coated.
- Refer to High Mast Light Tower Service Pad, Special & Retaining Wall Details 1 for location and orientation of conduit sleeves and grounding wells.
- Contractor shall maintain integrity of Frontage Roads as may be required in excavating for HMLT service pad walls.
- Provide Protective Coat to top, front face, exposed portion of back face, and ends of walls, and top and edges of pad.

**TOTAL BILL OF MATERIAL**

Item	Unit	Total
Light Tower, Service Pad, Special	Each	2

**BILL OF MATERIAL**  
(Per HMLT)

Item	Unit	Total
Welded Wire Fabric	Sq. Yd.	18
Structure Excavation	Cu. Yd.	11
Concrete Structures	Cu. Yd.	7.2
Reinforcement Bars, Epoxy Coated	Pound	775
Rustication Finish	Sq. Ft.	55
Protective Coat	Sq. Yd.	29
Sub-Base Granular Material, Type B 6"	Sq. Yd.	22
Porous Granular Embankment	Cu. Yd.	48



**SUGGESTED FORMWORK DETAIL**

**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
HIGH MAST LIGHT TOWER SERVICE PAD,  
SPECIAL & RETAINING WALL DETAILS  
SHEET 2 OF 2

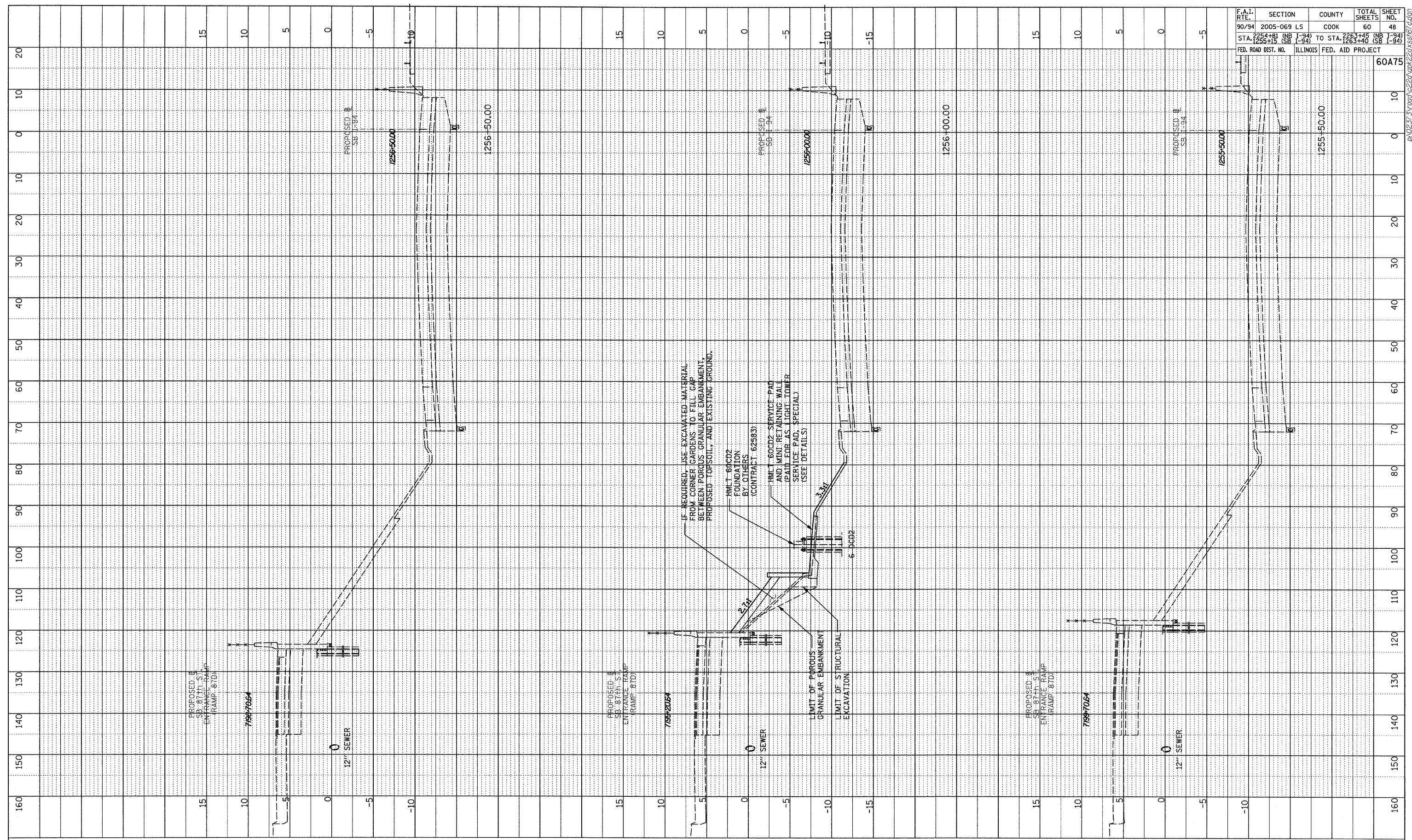
DESIGNED BY: MAF  
DRAWN BY: MAF, TB  
CHECKED BY: PF

SCALE: N.T.S.  
DATE: JUNE 20, 2008

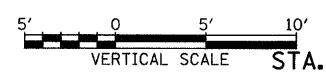
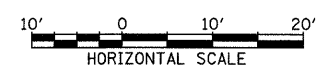
P:\0237\3\road\222\mes222\d1\st023a\_hmlt.dwg 9/4/08 AM 6/23/2008

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLANS CHECKED		
NO.	B.M. NOTED		
	STRUCTURE NOTATIONS	CRPD	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2005-069 LS	COOK	60	48
STA. 1255+15 (SB I-94)	TO STA. 1263+40 (SB I-94)			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
			60A75	



TYLIN INTERNATIONAL

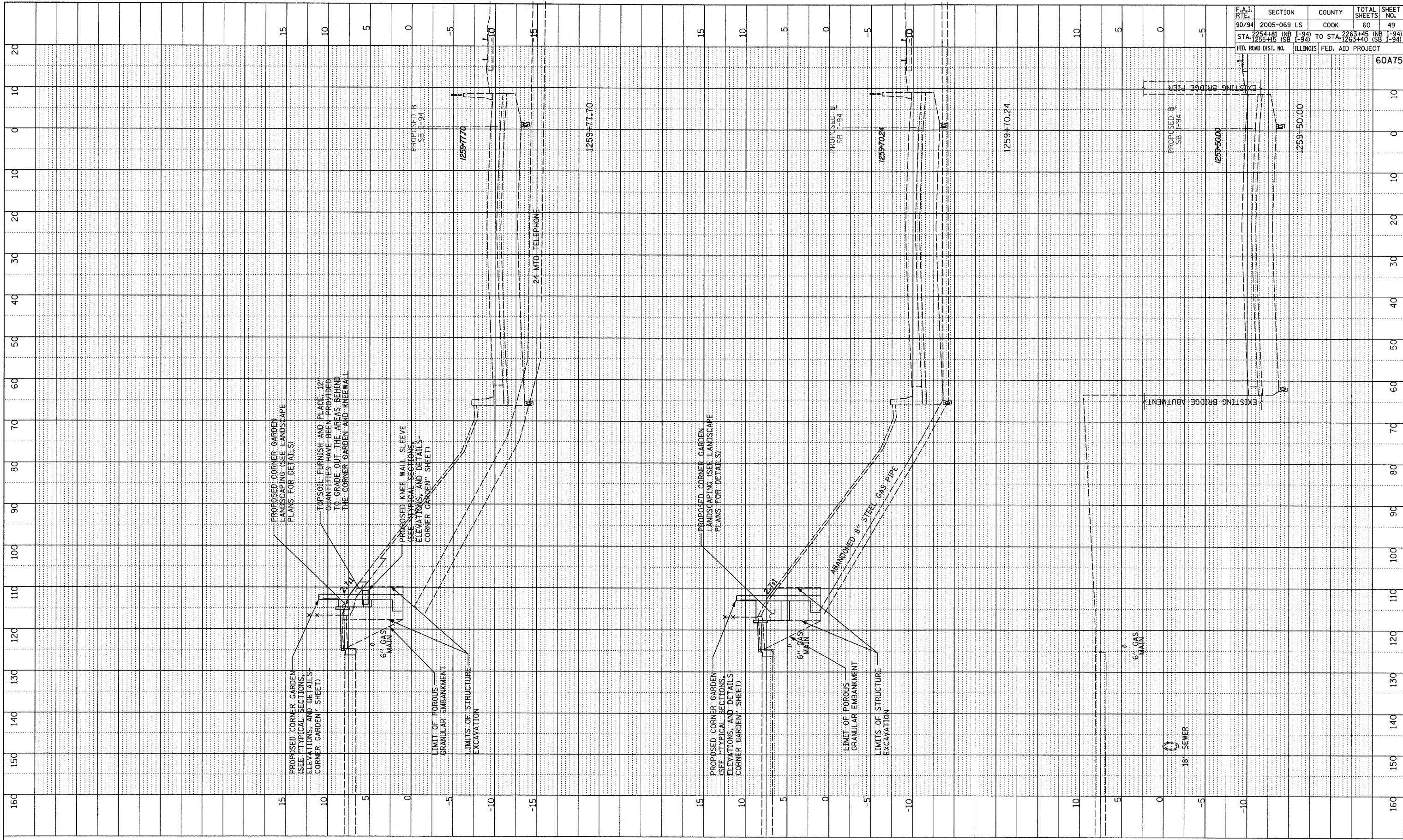


SB I-94 (DAN RYAN EXPRESSWAY)  
STA. 1255+50.00 TO STA. 1256+50.00

PROJECT: 3:\proj\2005\069\2005069.dwg



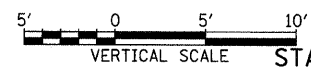
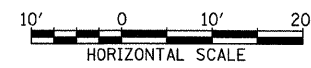
PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PROFILES CHECKED		
NO.	B.M. NOTED		
	STRUCTURE NOTATIONS CHRD		



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2005-069 LS	COOK	60	49
STA. 1254+41 (NB I-94)	TO STA. 1263+40 (SB I-94)			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

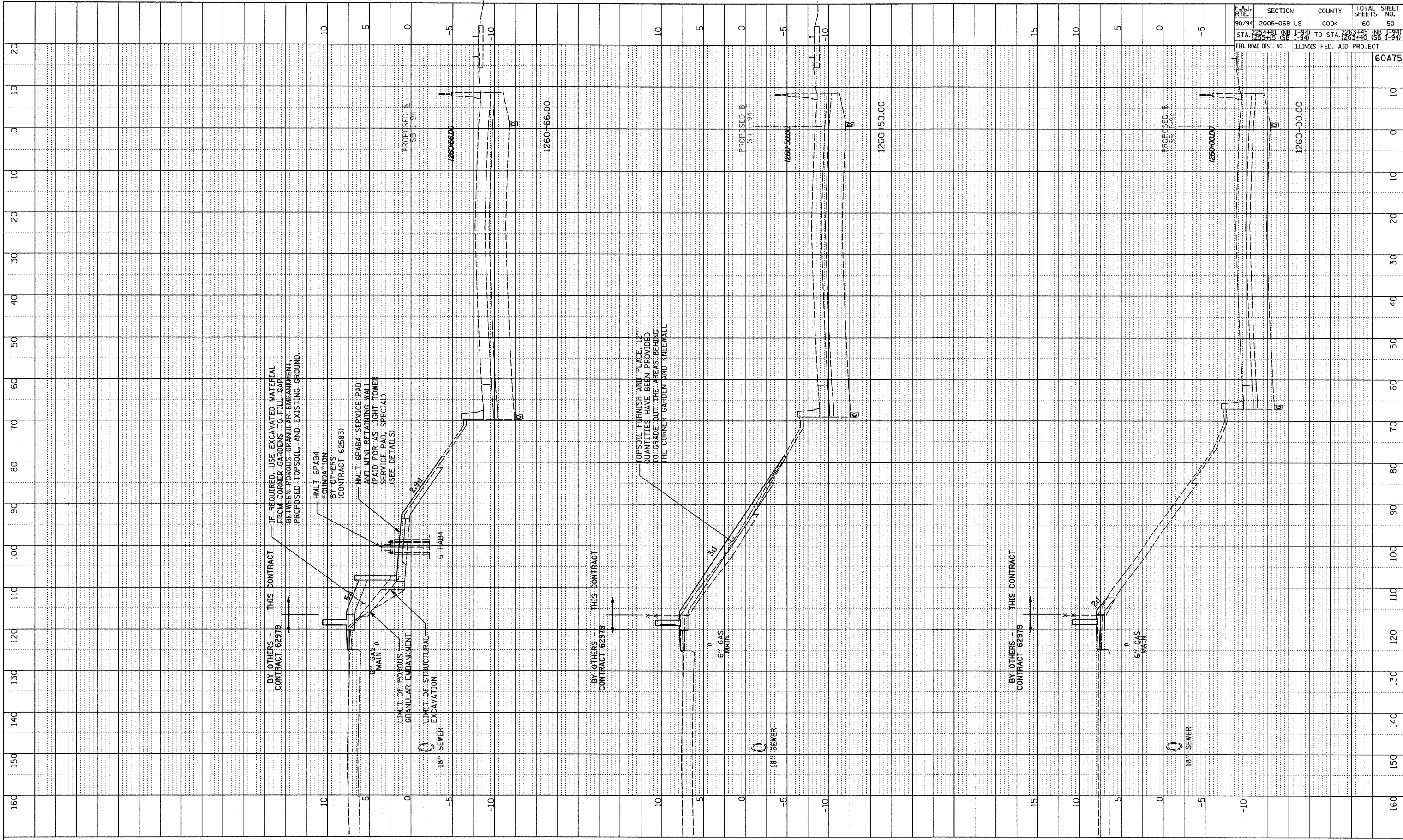
60A75

TYLIN INTERNATIONAL



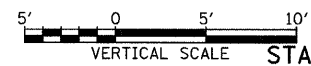
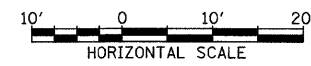
SB I-94 (DAN RYAN EXPRESSWAY)  
STA. 1259+50.00 TO STA. 1259+77.70

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



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2005-069 LS	COOK	60	50
STA. 2254+81 (NB I-94)	TO STA. 2263+45 (NB I-94)			
1255+15 (SB I-94)	1263+40 (SB I-94)			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
				60A75

TYLIN INTERNATIONAL

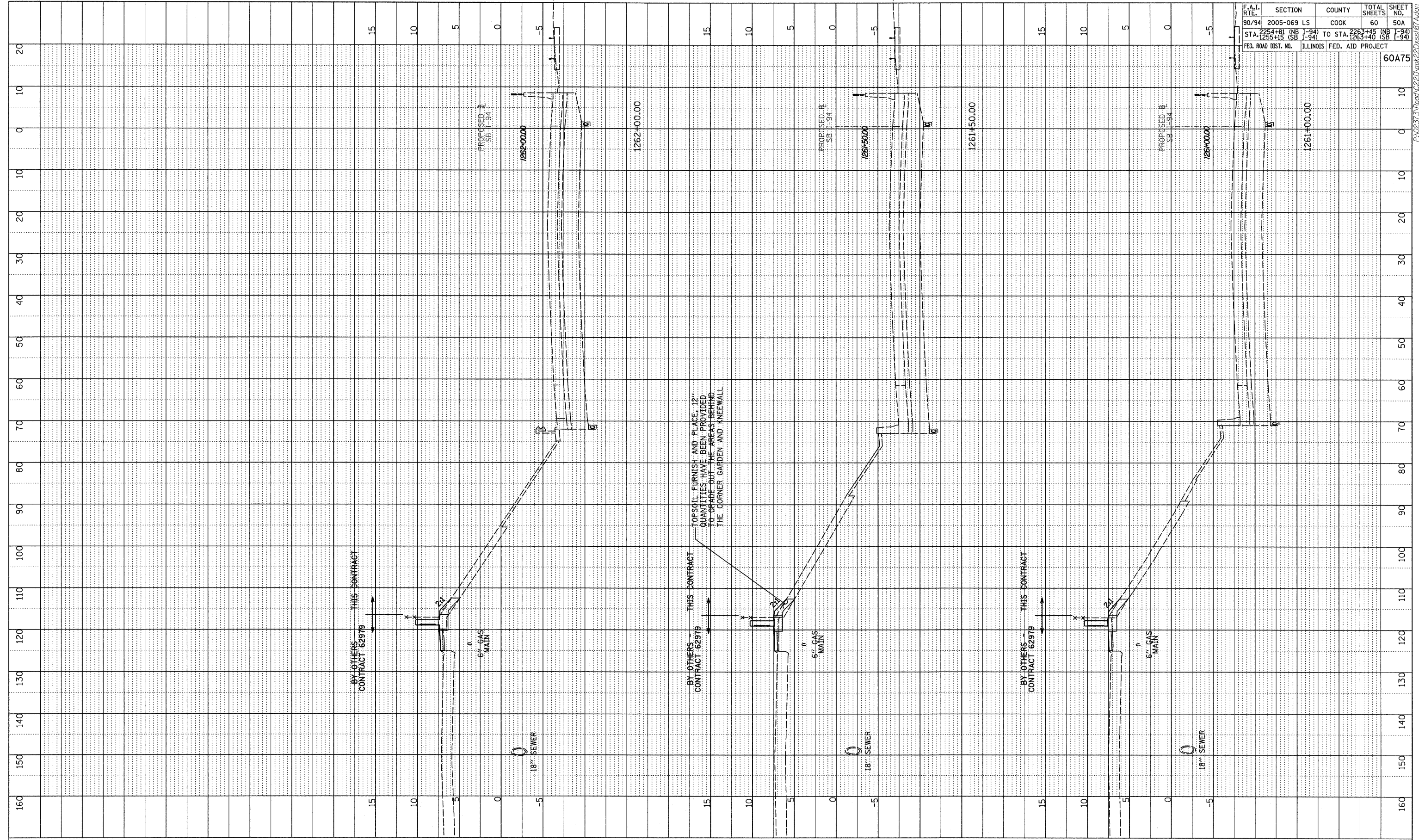


SB I-94 (DAN RYAN EXPRESSWAY)  
STA. 1260+00.00 TO STA. 1260+66.00

F:\025\3\Area\222\gpk22\Drawn\7.dgn



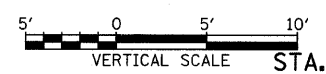
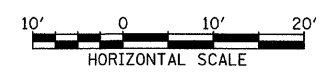
PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLANS CHECKED		
NO.	STRUCTURE NOTATIONS CHRD		



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2005-069 LS	COOK	60	50A
STA. 1254+81 (NB I-94)				
STA. 1255+15 (SB I-94)	TO STA. 1261+45 (NB I-94)			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

60A75

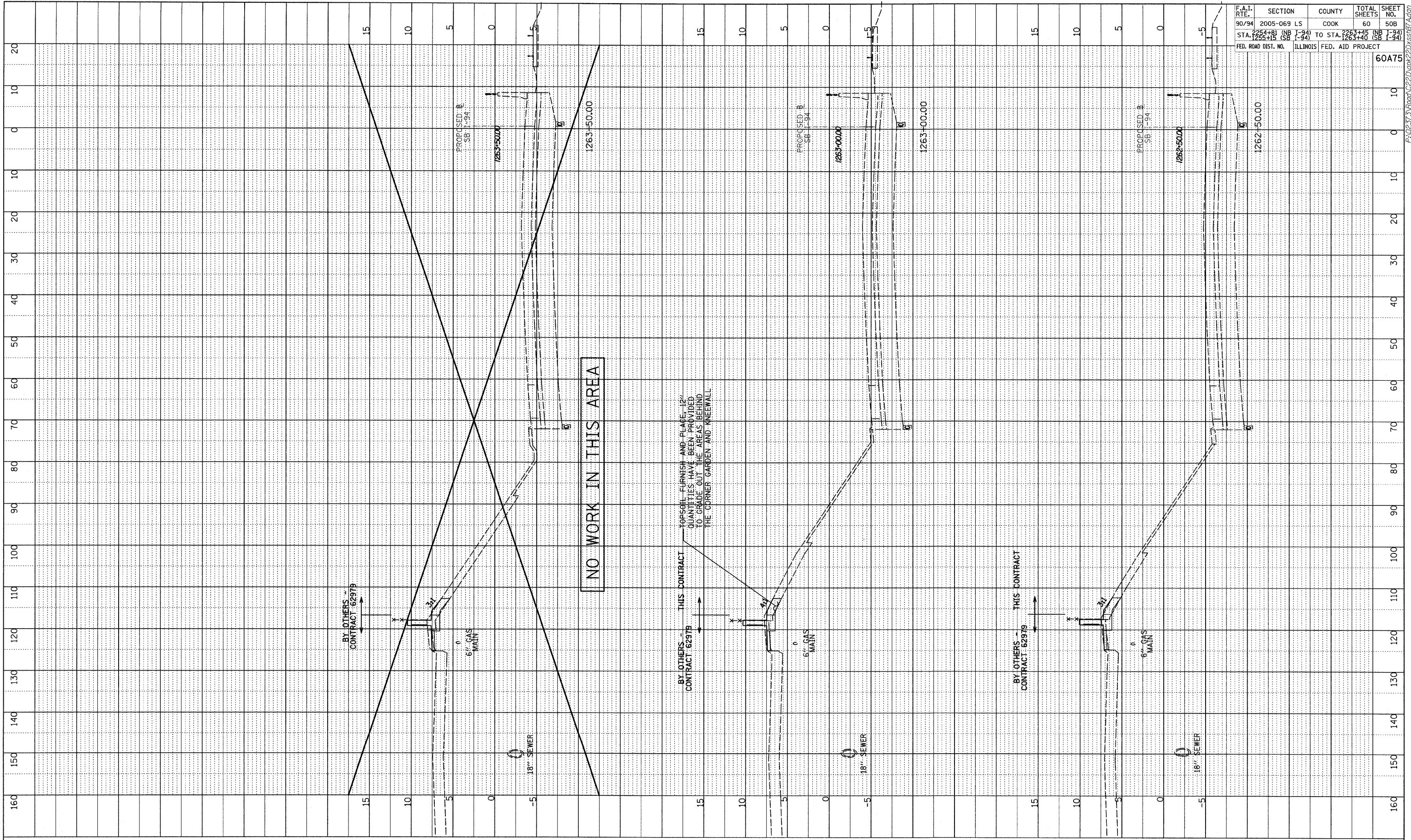
TYLIN INTERNATIONAL



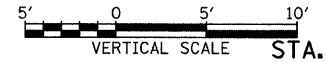
SB I-94 (DAN RYAN EXPRESSWAY)  
STA. 1261+00.00 TO STA. 1262+00.00

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PROFILES CHECKED		
NO.	DATE		
	STRUCTURE NOTATIONS	CRPD	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2005-069 LS	COOK	60	508
STA. 1255+15 (SB I-94)	TO STA. 1263+45 (SB I-94)			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		60A75

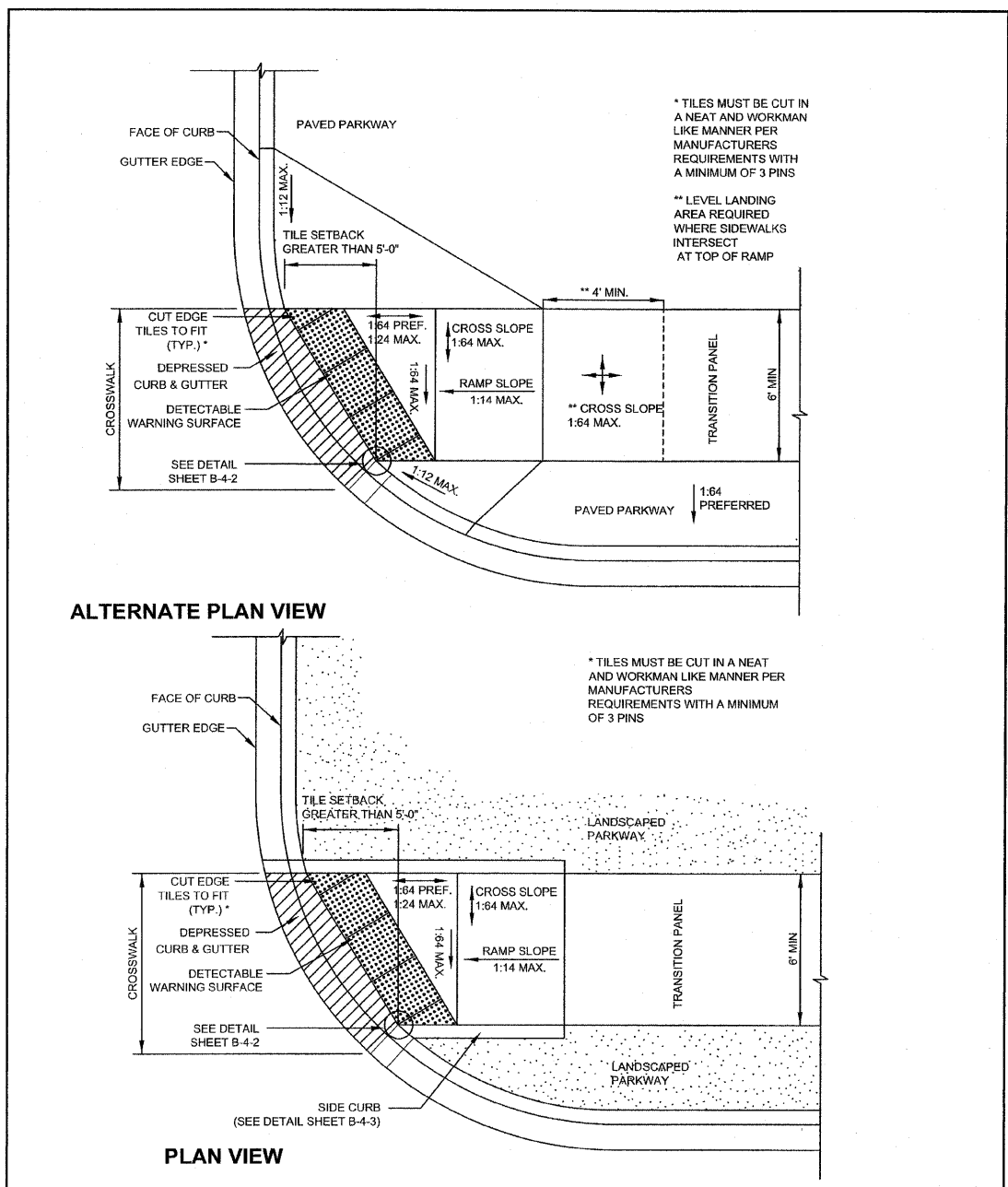


TYLIN INTERNATIONAL



SB I-94 (DAN RYAN EXPRESSWAY)  
STA. 1262+50.00 TO STA. 1263+50.00

F:\02\31\Drawn\220\220\Drawn\74.dwg



City of Chicago Richard M. Daley, Mayor Thomas G. Byrne, Commissioner Department of Transportation Division of Engineering	DATE	REVISION	CITY OF CHICAGO ONE-WAY RADIUS SKEWED INTERFACE TILE SETBACK GREATER THAN 5' <b>SHEET B-1-6</b> SCALE: NOT TO SCALE DATE: 10/23/2006 DRAWN BY: CDOT CHECKED BY: LCM
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	

**GENERAL NOTES**

1. THE DETECTABLE WARNING TILES SHALL BE CERAMIC CEMENT OR COMPOSITE POLYMER CONCRETE (CRC) TILES WHICH MEET THE CHICAGO DEPARTMENT OF TRANSPORTATION SPECIFICATION (AVAILABLE ON THE CITY OF CHICAGO WEBSITE). IN THE CENTRAL BUSINESS DISTRICT, GRANITE OR OTHER SPECIALTY PAVING MATERIALS MAY BE SUBMITTED TO THE COMMISSIONER FOR APPROVAL.
2. TILES MUST BE INSTALLED A MAXIMUM OF 8" OR LESS FROM FACE OF CURB (SEE DETAIL SHEET B-4-2).
3. TILES MUST COVER FULL WIDTH OF RAMP EXCLUDING SIDE FLARES. WHERE SIDEWALK OR RAMP IS FLUSH WITH STREET (DEPRESSED CURB), TILES MUST BE PROVIDED.
4. WHERE APPLICABLE, A COMBINATION OF DIFFERING SIZE TILES MAY BE USED ON COMPOUND AND LARGE RADII. CONTRACTOR MUST MAKE THIS DETERMINATION AND VERIFY IN FIELD.
5. TILES MUST CONTRAST WITH ADJACENT PAVEMENT. IF LIGHT COLORED PAVEMENT IS USED THE TILE COLOR SHALL BE RED. IF A DARK COLORED PAVEMENT IS USED THE TILE COLOR SHALL BE YELLOW. CONTRACTOR TO VERIFY THAT PROPER CONTRAST IS OBTAINED.
6. RAMP WIDTH MUST BE A MINIMUM OF 6'-0" AND IN INCREMENTS OF 1'-0", EXCEPT WHEN USING THE PERPENDICULAR RAMP AT CORNER, WHICH HAS A MINIMUM WIDTH OF 4'-0".
7. PRIOR TO PLACING CONCRETE FOR DEPRESSED CURBS AND RAMPS THE CONTRACTOR SHALL NOTIFY THE COMMISSIONER TO RECEIVE LAYOUT APPROVAL. A PRE-MANUFACTURED TILE, APPROVED BY THE COMMISSIONER, MUST BE USED TO ACHIEVE THE DETECTABLE WARNING SURFACE.
8. THE MAXIMUM ALLOWABLE RAMP RUNNING SLOPE IS 1:14. MEASURED AT ANY PORTION OF THE RAMP. IF POSSIBLE, A MORE GRADUAL SLOPE SHALL BE USED. GRADE BREAKS AT THE TOP AND BOTTOM OF RAMPS SHALL BE PERPENDICULAR TO THE DIRECTION OF RAMP RUN.
9. THE MAXIMUM ALLOWABLE RAMP CROSS SLOPE IS 1:64. MEASURED AT ANY PORTION OF THE RAMP. IF POSSIBLE, A MORE GRADUAL SLOPE SHALL BE USED.
10. UTILITIES, SUCH AS LIGHT POLES, TRAFFIC POLES AND HYDRANTS, MAY BE LOCATED IN THE FLARE OF THE RAMP BUT ARE NOT ALLOWED ON THE RAMP SURFACE OR LANDING AREAS.
11. ALTERATIONS SHALL NOT DECREASE THE ACCESSIBILITY OF EXISTING FACILITIES
12. THE MINIMUM CROSSWALK WIDTH IS 6'-0". CROSSWALKS SHALL BE LOCATED AS SHOWN IN THE PLAN SHEETS DEPENDING ON THE TYPE OF CURB RAMP USED. BEYOND THE CURB FACE AT THE BASE OF CURB RAMPS, A CLEAR SPACE OF 4'-0" BY 4'-0" MINIMUM SHALL BE PROVIDED WITHIN THE WIDTH OF THE CROSSWALK.
13. IF SIDEWALK AND ALLEY ARE AT THE SAME GRADE, A RAMP IS NOT REQUIRED. IF SIDEWALK AND DRIVEWAY ARE AT THE SAME GRADE, A RAMP IS NOT REQUIRED BUT DETECTABLE WARNING TILES ARE STILL REQUIRED IF THE DRIVEWAY HAS TRAFFIC CONTROL DEVICES (I.E. TRAFFIC SIGNALS).
14. MAIN LINE SIDEWALK SHALL HAVE A MAXIMUM CROSS SLOPE NOT TO EXCEED 1:64 FOR THE FULL WIDTH OF WALK UNLESS OTHERWISE APPROVED BY THE COMMISSIONER.
15. MAIN LINE SIDEWALK RUNNING SLOPES SHALL NOT EXCEED 1:24 OR THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET, WHICH EVER IS HIGHER.
16. CURB RAMPS AND KEYSTONE TO BE CONSTRUCTED WITH 8" THICK CONCRETE AT ALL TRAFFIC SIGNALIZED INTERSECTIONS AND INDUSTRIAL STREET INTERSECTIONS. AT ALL OTHER LOCATIONS, 5" THICK CONCRETE TO BE USED
17. NO DEVIATIONS FROM THESE STANDARDS ARE ALLOWED WITHOUT WRITTEN APPROVAL FROM THE COMMISSIONER.
18. ALL CONSTRUCTION DOCUMENTS MUST BE STAMPED BY A LICENSED ARCHITECT/LANDSCAPE ARCHITECT/ENGINEER TO CERTIFY THAT THEY ARE IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA) AND ALL CODES AND BUILDING ORDINANCES OF THE CITY OF CHICAGO AND STATE OF ILLINOIS.

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 CITY OF CHICAGO STANDARD DETAILS  
 DETAILS OF CURB RAMPS FOR  
 PEOPLE WITH DISABILITIES  
 SHEET 1 OF 3

SCALE: NONE  
 DATE: JUNE 20, 2008  
 DRAWN BY: CDOT  
 CHECKED BY:

6/23/2008 9:40:21 AM



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	52
STA. 1254+81 (NB I-94) TO STA. 1263+45 (NB I-94)		STA. 1263+45 (SB I-94) TO STA. 1263+40 (SB I-94)		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		60A75

**ADA COMPLIANCE AND TRANSITION GUIDELINES**

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

**I. STREET RESURFACING / RECONSTRUCTION \***

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

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

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

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

**II. SIDEWALK INSTALLATION / REPAIRS / RECONSTRUCTION**

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

**III. GUIDELINES FOR TRANSITIONING TO EXISTING NON-COMPLIANT CONDITION**


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

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

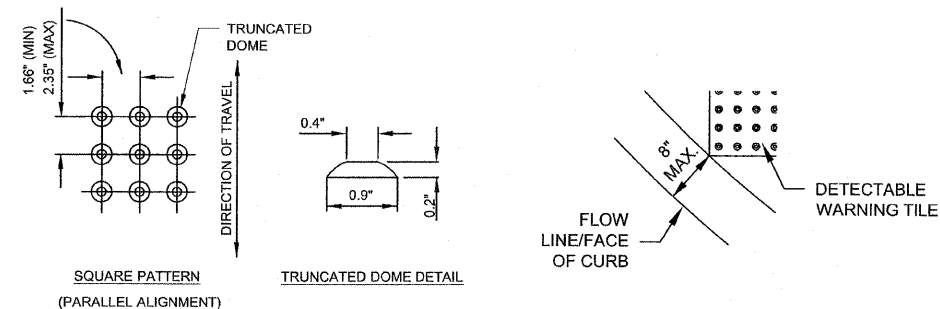
CURB RAMP REPLACEMENTS:  
SIDEWALK REPLACEMENT BEYOND THE LIMITS OF THE LANDING AREA AND/OR THE "KEYSTONE" MUST BE EXTENDED A MINIMUM OF AN AN ADDITIONAL FIVE FEET (5') EITHER SIDE IN ORDER TO PROVIDE A REASONABLE TRANSITION TO MATCH THE EXISTING SIDEWALK. THE TRANSITION SHALL BE LENGTHENED AS NECESSARY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

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

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

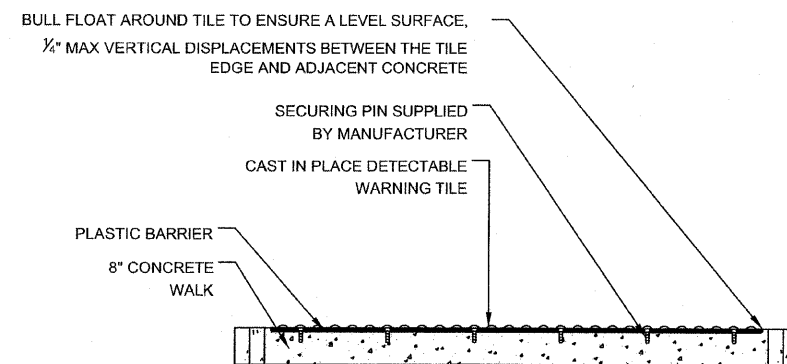
 City of Chicago Richard M. Daley, Mayor Thomas G. Byrne, Commissioner Department of Transportation Division of Engineering	DATE	REVISION	CITY OF CHICAGO ADA COMPLIANCE AND TRANSITION GUIDELINES  SCALE: NOT TO SCALE DATE: 10/23/2006 <b>SHEET B-3-3</b> DRAWN BY: CDOT CHECKED BY: LCM
	02/20/07	REVISION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

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




**TILE PATTERN DETAIL**

**TILE PLACEMENT ON A RADIUS**



**DETECTABLE TILE WARNING SECTION**

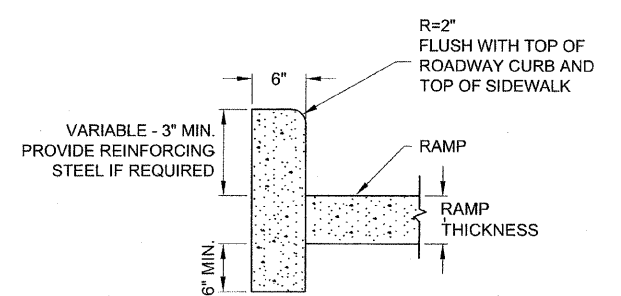
 City of Chicago Richard M. Daley, Mayor Thomas G. Byrne, Commissioner Department of Transportation Division of Engineering	DATE	REVISION	CITY OF CHICAGO DETECTABLE WARNING TILE DETAILS  SCALE: NOT TO SCALE DATE: 10/23/2006 <b>SHEET B-4-2</b> DRAWN BY: CDOT CHECKED BY: LCM
	02/20/07	REVISION 1	
	11/15/07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

REVISIONS	
NAME	DATE

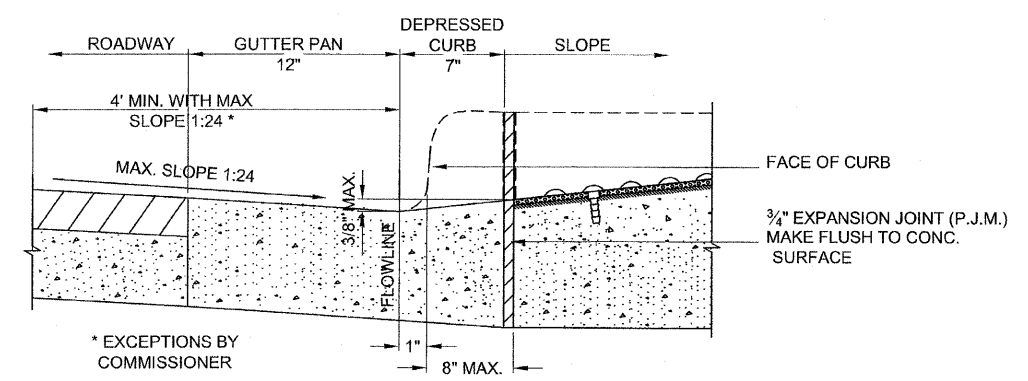
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 CITY OF CHICAGO STANDARD DETAILS  
 DETAILS OF CURB RAMPS FOR  
 PEOPLE WITH DISABILITIES  
**SHEET 2 OF 3**  
 SCALE: NONE  
 DATE: JUNE 20, 2008  
 DRAWN BY: CDOT  
 CHECKED BY:

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	53
STA. 2254+81 (NB I-94) TO STA. 2253+45 (NB I-94)				
1255+15 (SB I-94)		TO STA. 1283+40 (SB I-94)		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

60A75



**SIDE CURB - SECTION**



**DEPRESSED CURB & GUTTER AT BOTTOM OF CURB RAMP**

 City of Chicago Richard M. Daley, Mayor Thomas G. Byrne, Commissioner Department of Transportation Division of Engineering	DATE	REVISION	CITY OF CHICAGO CURB AND GUTTER DETAILS  SCALE: NOT TO SCALE DATE: 10/23/2006 SHEET B-4-3 DRAWN BY: CDOT CHECKED BY: LCM
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94 (DAN RYAN EXPRESSWAY) CITY OF CHICAGO STANDARD DETAILS DETAILS OF CURB RAMPS FOR PEOPLE WITH DISABILITIES SHEET 3 OF 3
NAME	DATE	
SCALE: NONE	DRAWN BY: CDOT	
DATE: JUNE 20, 2008	CHECKED BY:	

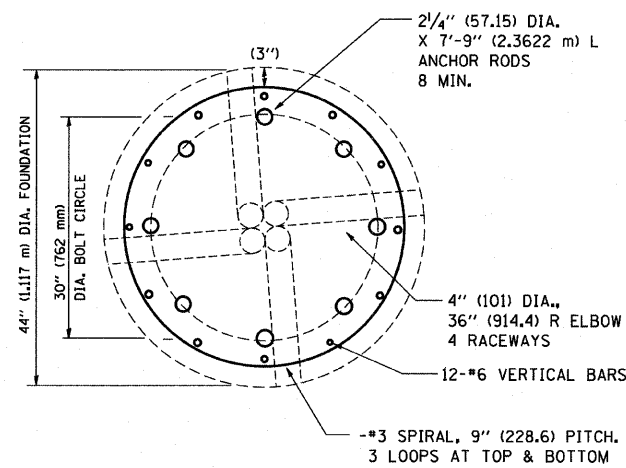
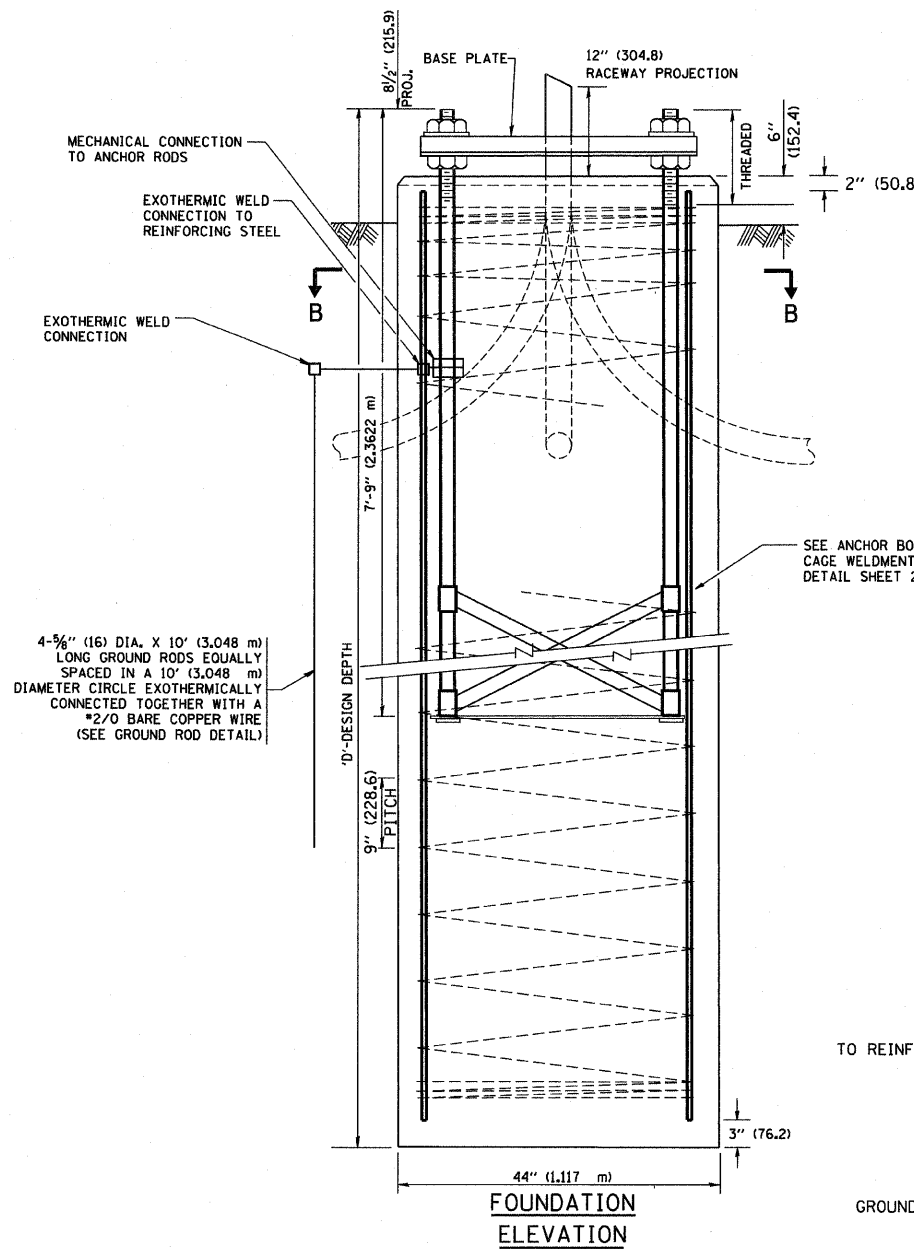
PA\02-31\Road\622\cadd\curb\_ramp\detail12\_03.dwg  
6/23/2008 9:40:30 AM

**LIGHT TOWER FOUNDATION DEPTH "D"**

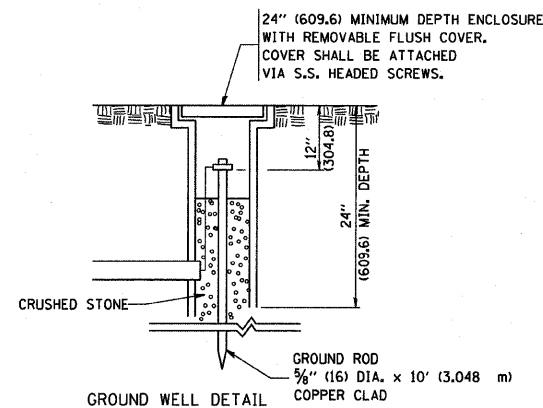
MOUNTING HEIGHT	SOIL CONDITIONS					
	SOFT CLAY Qu = 0.375 TON/SQ. FT	MEDIUM CLAY Qu = 0.75 TON/SQ. FT	STIFF CLAY Qu = 1.50 TON/SQ. FT	LOOSE SAND φ = 34°	MEDIUM SAND φ = 37.5°	DENSE SAND φ = 40°
90 FT (27 m)	29 FT (8.779 m)	20 FT (6.035 m)	15 FT (4.389 m)	15 FT (4.389 m)	13 FT (3.840 m)	12 FT (3.429 m)
100 FT (30 m)	32 FT (9.754 m)	22 FT (6.706 m)	16 FT (4.877 m)	16 FT (4.877 m)	14 FT (4.267 m)	13 FT (3.81 m)
110 FT (33 m)	35 FT (10.719 m)	24 FT (7.377 m)	18 FT (5.365 m)	18 FT (5.365 m)	15 FT (4.694 m)	14 FT (4.191 m)
120 FT (36 m)	38 FT (11.705 m)	26 FT (8.046 m)	19 FT (5.652 m)	19 FT (5.652 m)	17 FT (5.120 m)	16 FT (4.572 m)

**DESIGN NOTES**

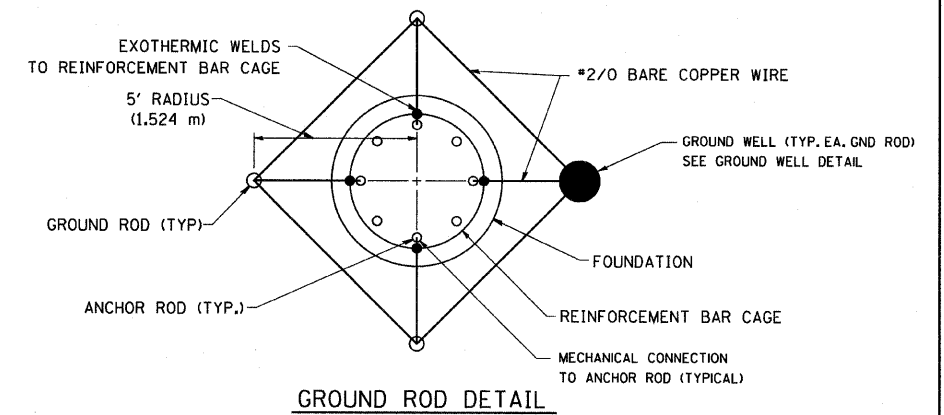
- (1) ALL DIMENSIONS IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN
- (2) THE ANCHOR RODS SHALL BE VERTICAL NO ADJUSTMENT SHALL BE ALLOWED AFTER THE FOUNDATION IS PLACED.
- (3) THE GAP BETWEEN THE FOUNDATION AND THE BASE PLATE SHALL BE ENCLOSED WITH A STAINLESS STEEL SCREEN FASTENED WITH A STAINLESS STEEL BAND.
- (4) THE TOP OF THE FOUNDATION TO 18" (450) BELOW GRADE SHALL BE FORMED.
- (5) SURFACE WATER WILL NOT BE PERMITTED TO ENTER THE HOLE AND ALL WATER WHICH MAY HAVE INFILTRATED INTO THE HOLE SHALL BE REMOVED BEFORE PLACING CONCRETE.
- (6) THE LIGHT TOWER SHALL NOT BE ERECTED UNTIL AFTER THE CONCRETE HAS BEEN CURED ACCORDING TO ARTICLE 1020.13.
- (7) ANCHOR RODS SHALL BE STRAIGHT AND SHALL BE ACCORDING TO AASHTO M 314 OR ASTM F1554, GRADE 75 (GRADE 105) AND GALVANIZED ACCORDING TO ARTICLE 1006.9.
- (8) ANCHOR ROD INFORMATION SHALL BE SUBMITTED FOR APPROVAL AND SHALL BE FULLY COORDINATED FOR APPROVAL WITH TOWER MANUFACTURER REQUIREMENTS.
- (9) REINFORCEMENT BARS SHALL BE ACCORDING TO ARTICLE 1006.10
- (10) TWO ANCHOR RODS OPPOSITE EACH OTHER SHALL HAVE THE ANCHOR ROD THREADS PEENED AFTER NUTS ARE INSTALLED.



**SECTION-B-B**



**GROUND WELL DETAIL**

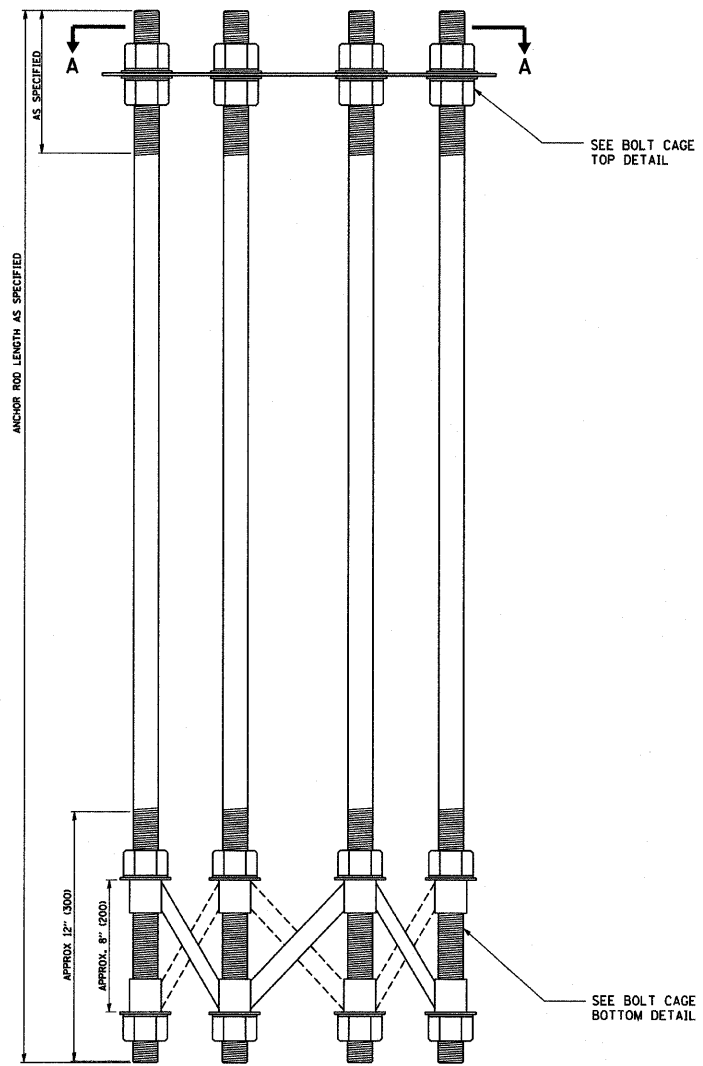


**GROUND ROD DETAIL**

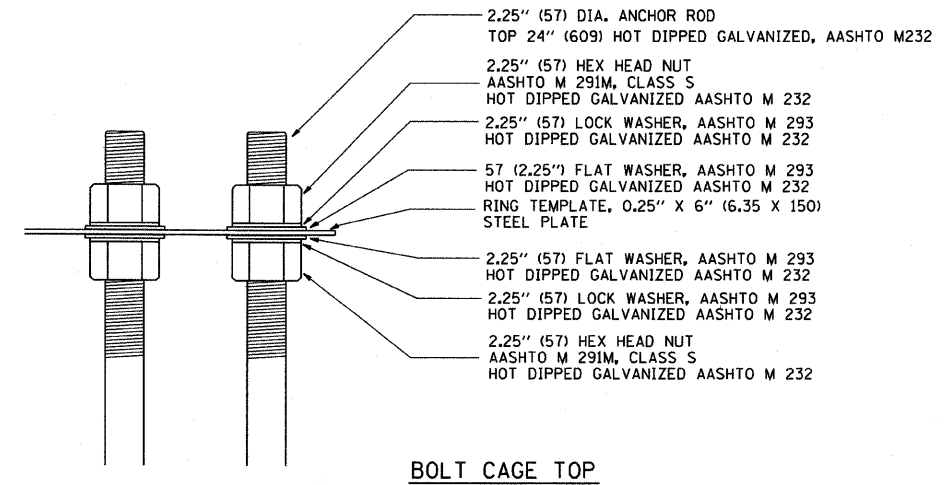
**FOR INFORMATION ONLY**

FILE NAME = W:\distsd\22x34\be501.dgn	USER NAME = gajlenabt	DESIGNED -	REVISED - R. TOMSONS 04-22-02	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>HIGH MAST LIGHT TOWER 90 FT TO 120 FT (27 m TO 36 m) FOUNDATION DETAIL</b>	F.A. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED -	94			2005-069 LS	COOK	60	54		
PLOT DATE = 1/4/2008	DATE -	REVISED -	<b>BE-501</b>			<b>CONTRACT NO. 60A75</b>					
						SCALE: NONE		SHEET NO. 1 OF 2 SHEETS		STA. TO STA.	

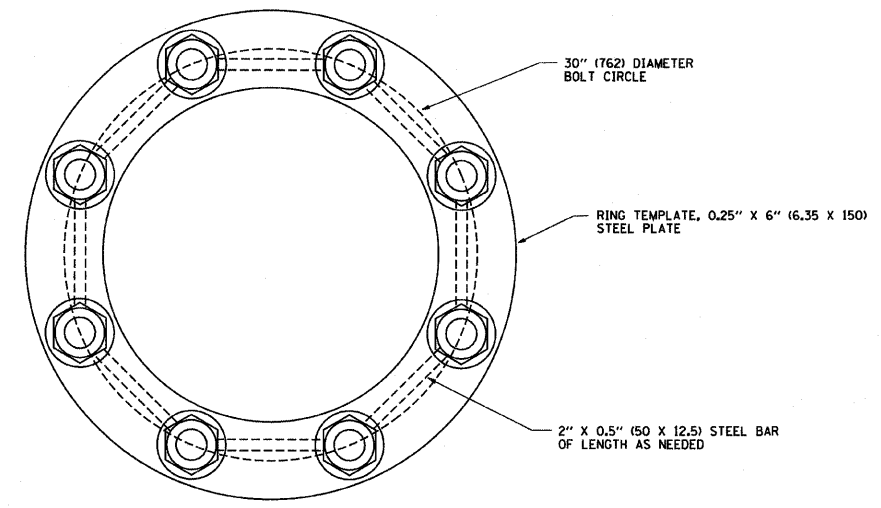




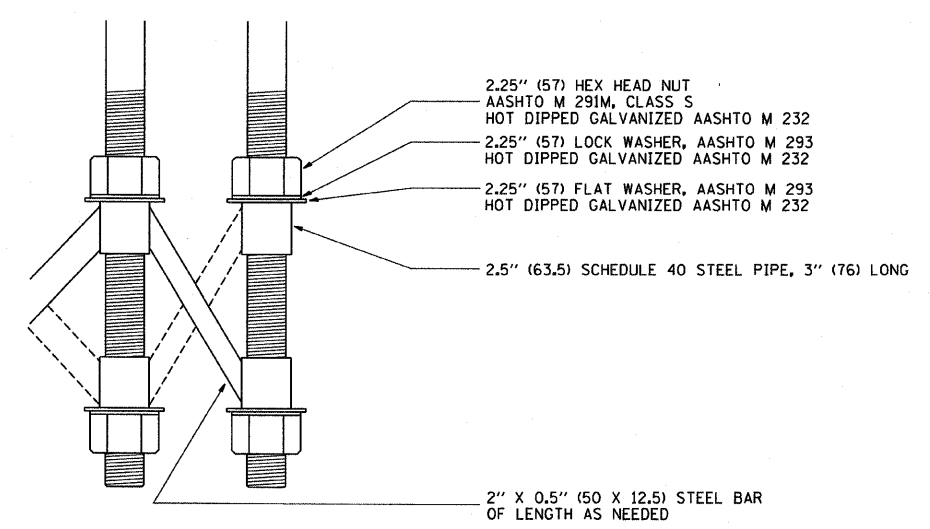
**ANCHOR BOLT CAGE**



**BOLT CAGE TOP**



**SECTION A-A**



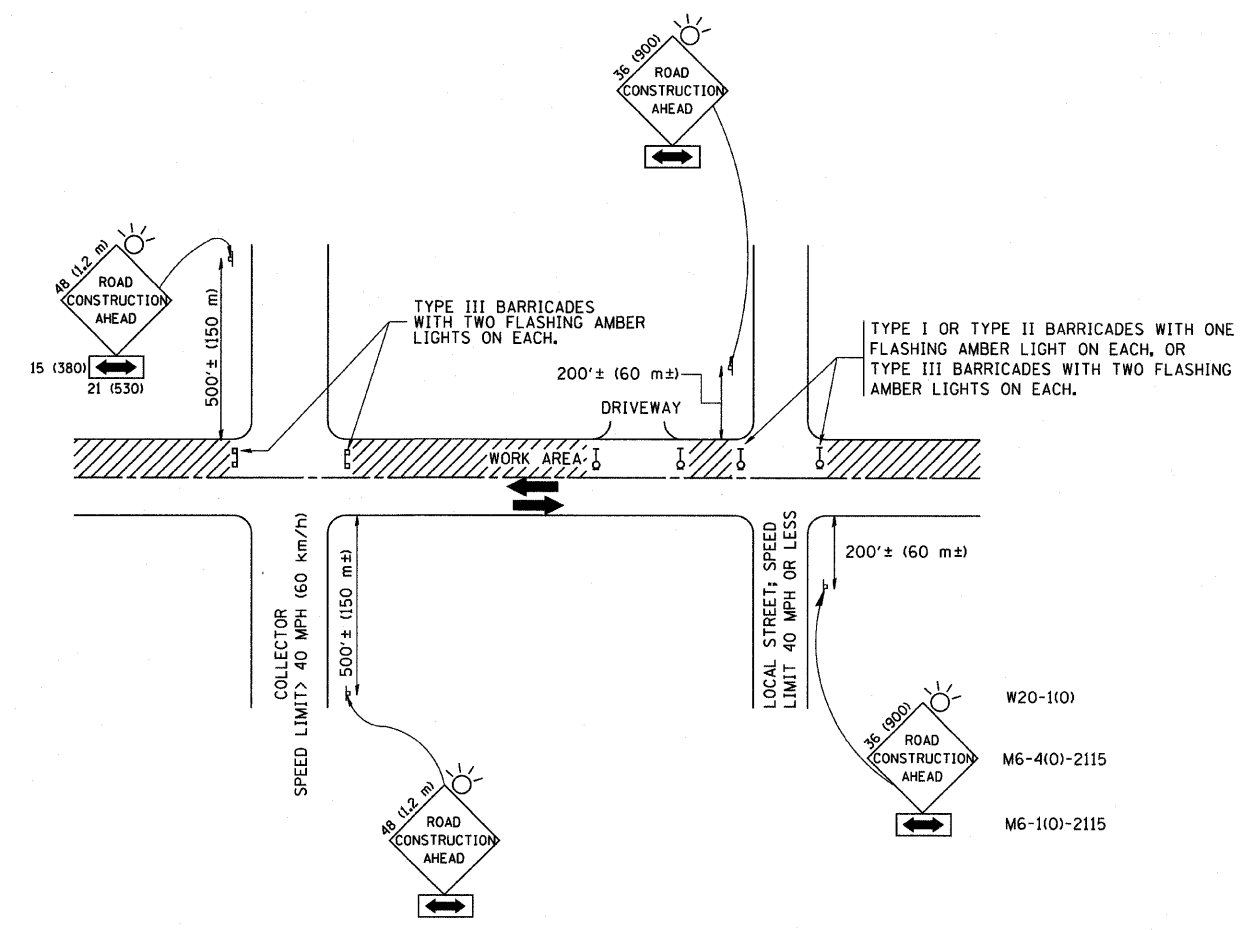
**BOLT CAGE BOTTOM**

**NOTES**

1. ALL DIMENSIONS IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN
2. ANCHOR RODS SHALL BE STRAIGHT AND SHALL BE ACCORDING TO AASHTO M 314 OR ASTM F1554, GRADE 725 (GRADE 105) AND GALVANIZED ACCORDING TO ARTICLE 1006.09.
3. ANCHOR ROD INFORMATION SHALL BE SUBMITTED FOR APPROVAL AND SHALL BE FULLY COORDINATED WITH TOWER MANUFACTURERS REQUIREMENTS.

**FOR INFORMATION ONLY**

FILE NAME = W:\dists\td\22x34\be581.dgn	USER NAME = goglienobt	DESIGNED -	REVISED - R. TOMSONS 04-22-02	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>HIGH MAST LIGHT TOWER</b>		F.A. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50,000' / IN.	DRAWN -	REVISED -		<b>90 FT TO 120 FT (27 m TO 36 m) FOUNDATION DETAIL</b>		94	2005-069 LS	COOK	60	55
	PLOT DATE = 1/4/2008	CHECKED -	REVISED -		SCALE: NONE	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	<b>BE-501</b>		CONTRACT NO. 60A75
	DATE -	REVISED -					FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



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

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
- 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:
    - 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.
    - 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.
  - SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - 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.
    - 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.
  - 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 = W:\diststd\22x34\td18.dgn	USER NAME = goglionobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
		CHECKED -	REVISED - A. HOUSEH 10-15-96
		DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

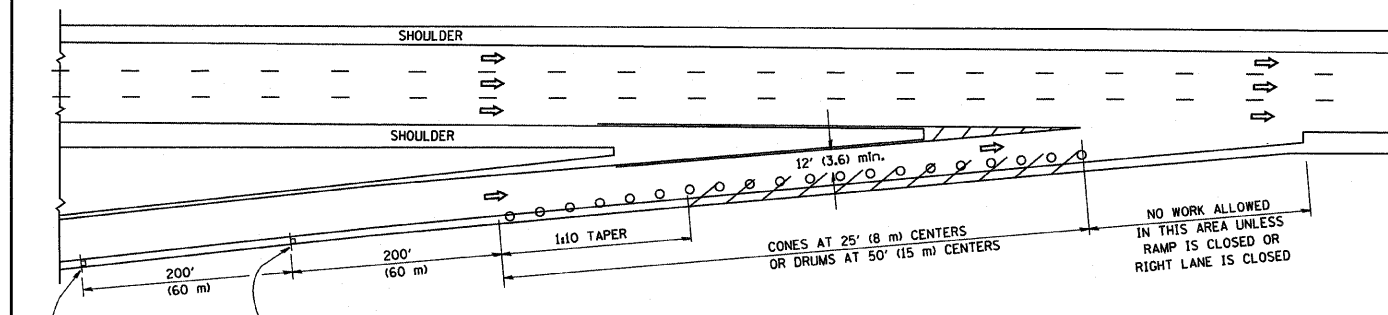
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

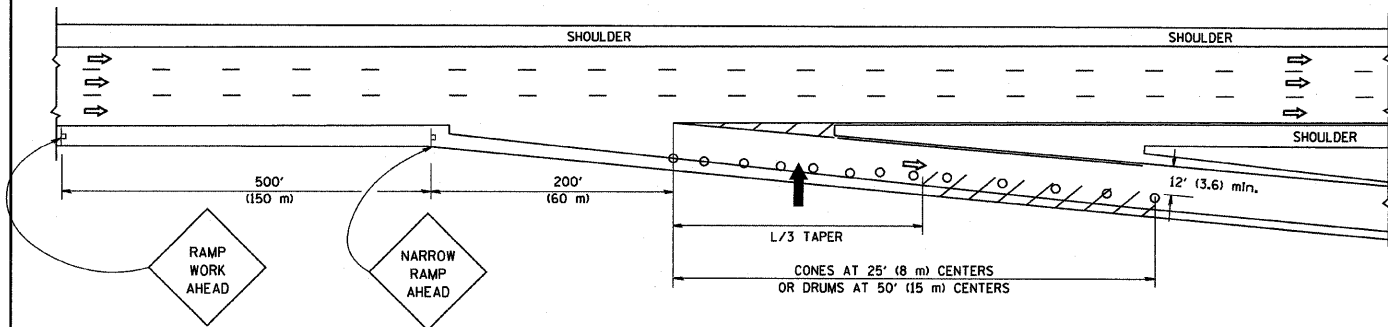
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-DW9 Ls	COOK	60	56
TC-10			CONTRACT NO. 60A75	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

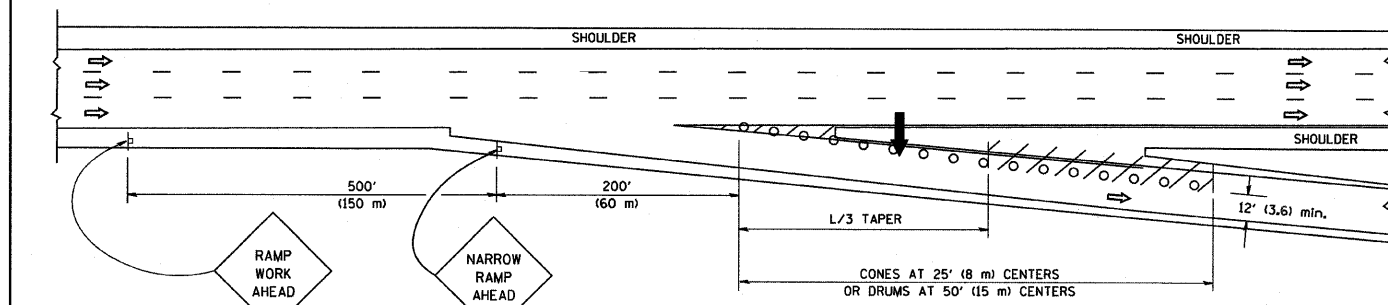
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

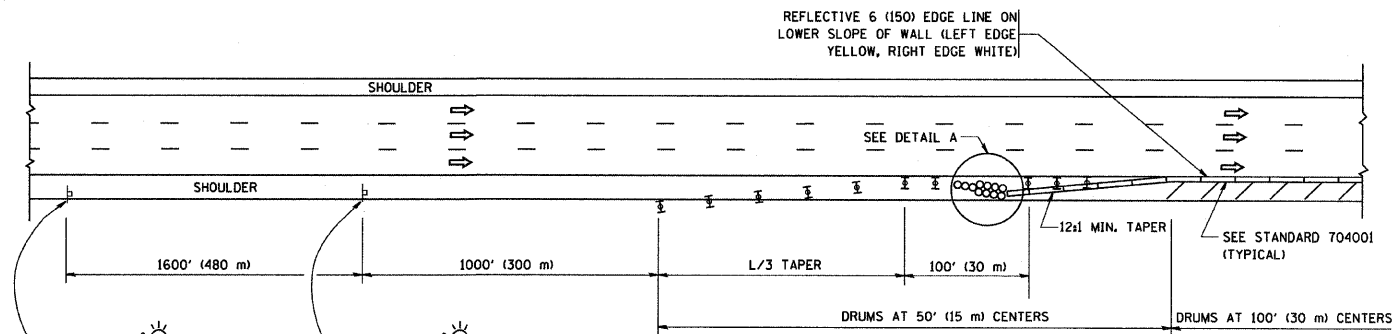
- ➔ ARROWBOARD
- ▨ WORK AREA
- ┆ SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- ⊕ TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE

GENERAL NOTES

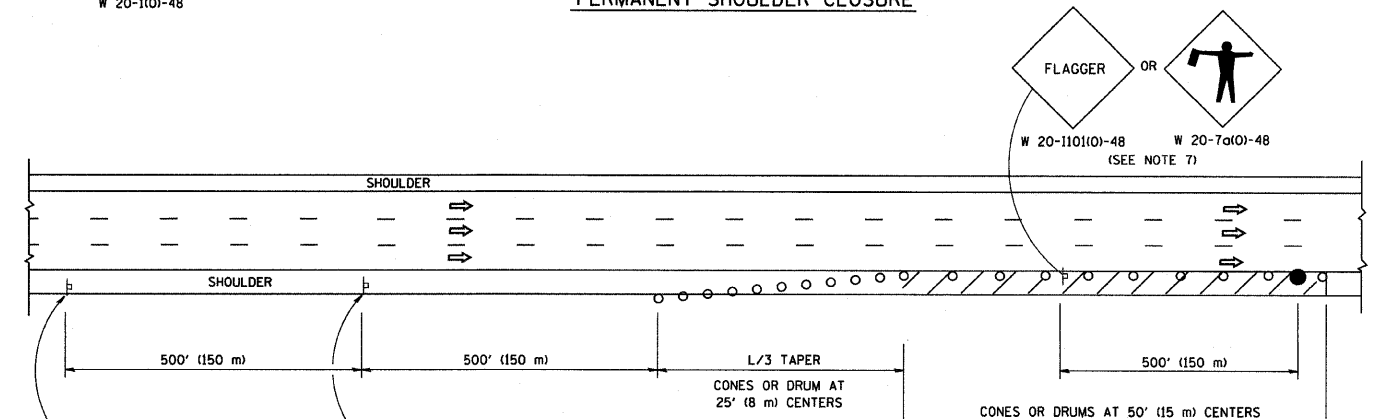
1. THE "L" DISTANCE EQUALS:
 

SPEED LIMIT	FORMULAS
45 mph (80 km/h) OR GREATER:	METRIC ENGLISH L=0.65(W)(S) L=(W)(S)
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

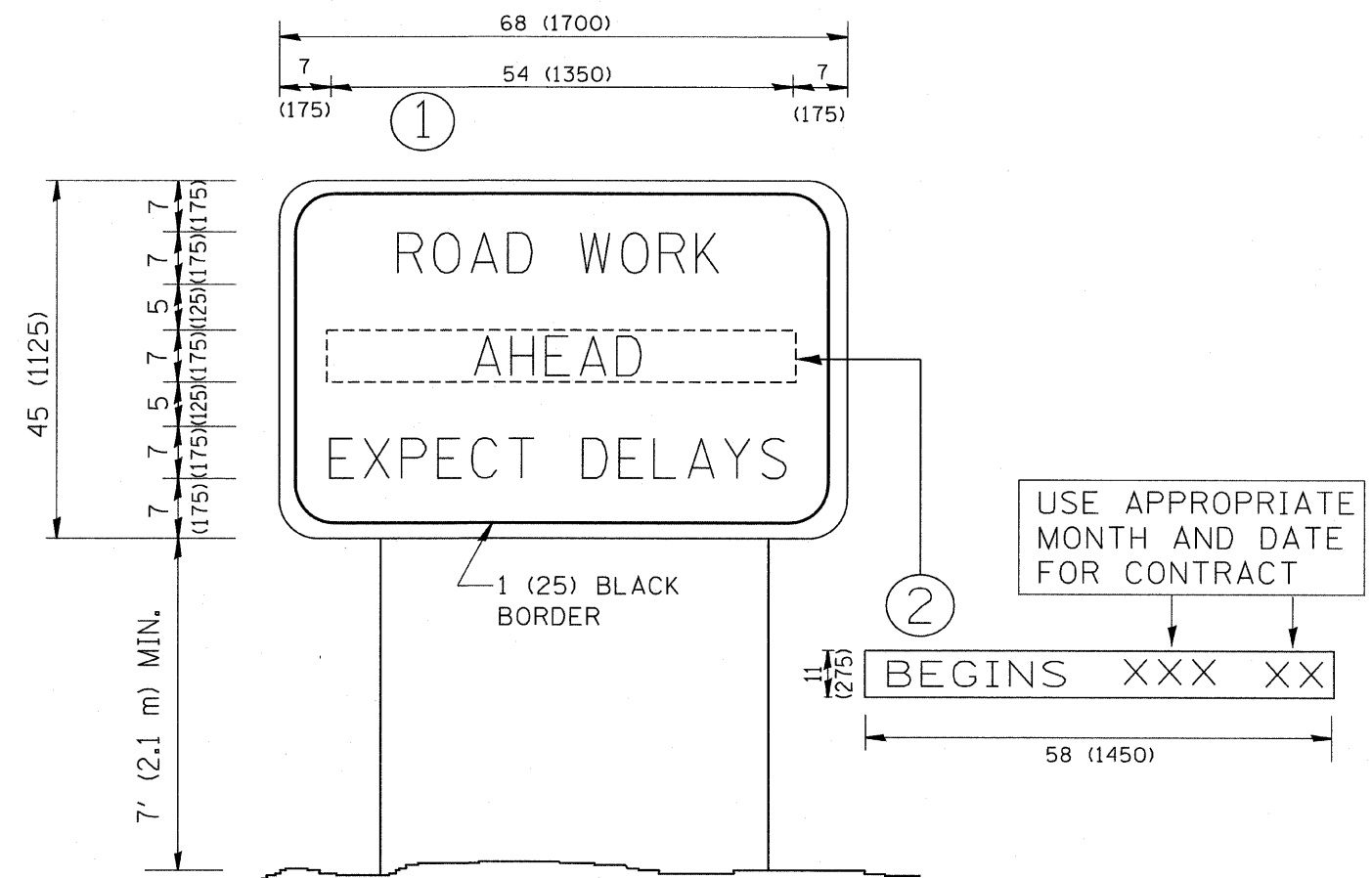
THIS DETAIL IS USED WHERE:  
 1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCR OACH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.

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 = gaglionob	DESIGNED -	REVISED - J.A.F. 12-02	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES</b>	F.A. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - D.W.S.	REVISED - 04-03			94	2005-069 LS	COOK	60	57	
		CHECKED -	REVISED - J.A.F. 12-06			TC-17		CONTRACT NO. 60A75			
		DATE - 11-96	REVISED - S.P.B. 01-07			SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA. TO STA.	
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

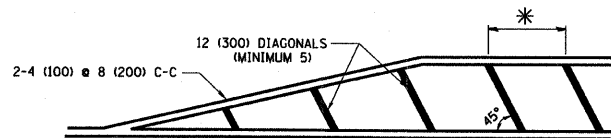
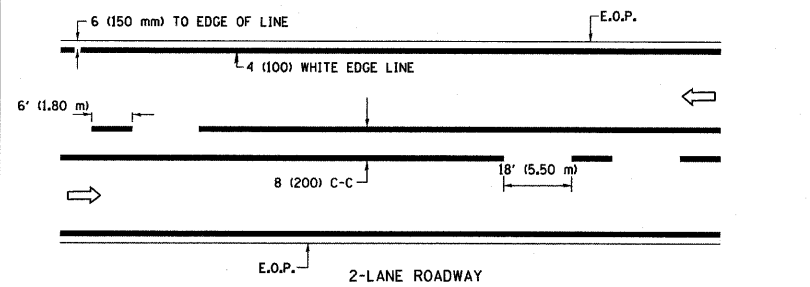


**NOTES:**

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.

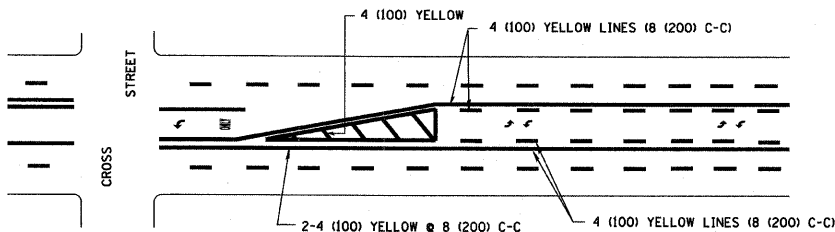
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\to22.dgn	USER NAME = goglionobt	DESIGNED -	REVISED - R. MIRS 09-15-97	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ARTERIAL ROAD INFORMATION SIGN</b>		F.A. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.000' / IN.	DRAWN -	REVISED - R. MIRS 12-11-97		94	2005-069 LS	Cook	40	58		
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - T. RAMMACHER 02-02-99		TC-22		CONTRACT NO. 60A95				
		DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT		

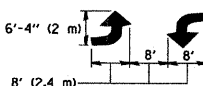


\* FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.  
 \* DIAGONAL LINE SPACING: 20' (6.1 m) C-C

**PAINTED MEDIANS**

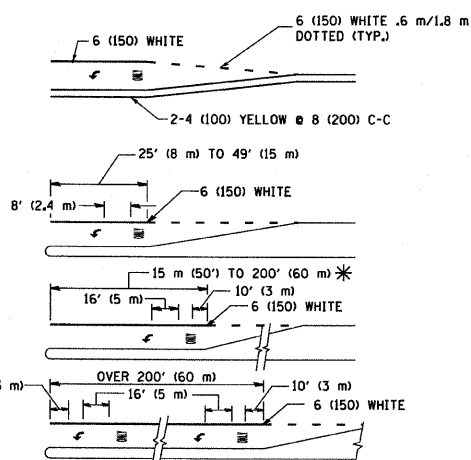


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



**MEDIAN WITH TWO-WAY LEFT TURN LANE**

**TYPICAL PAINTED MEDIAN MARKING**

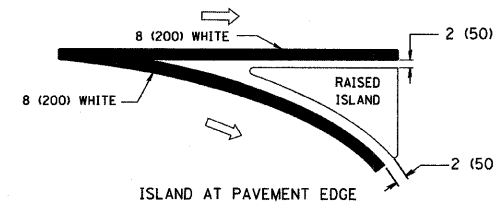
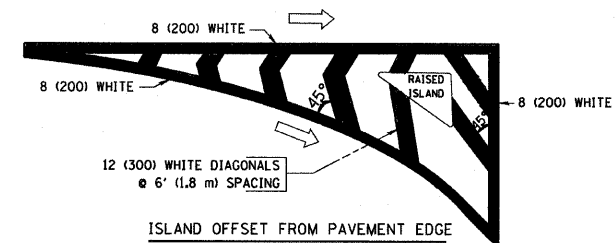


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
 AREA = 15.8 SQ. FT. (1.47 m<sup>2</sup>) ONLY AREA = 22.9 SQ. FT. (2.13 m<sup>2</sup>)

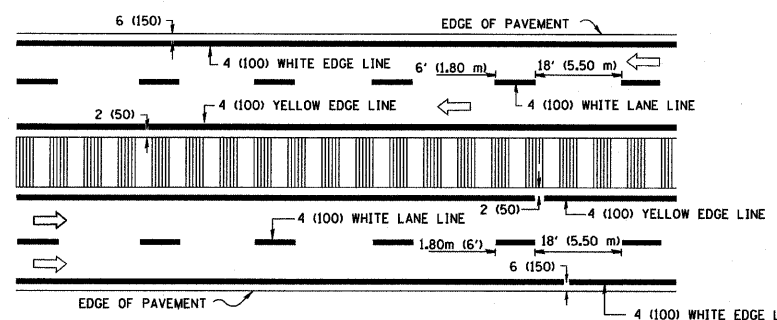
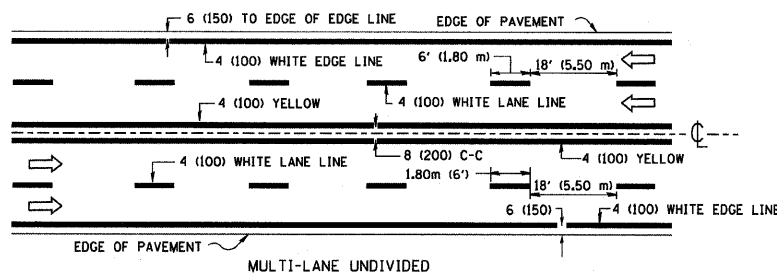
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

**TYPICAL LEFT (OR RIGHT) TURN LANE**

**TYPICAL TURN LANE MARKING**

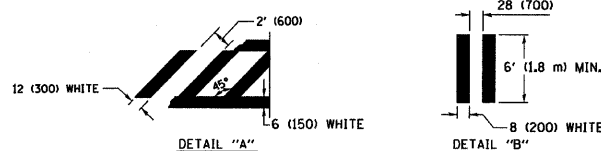
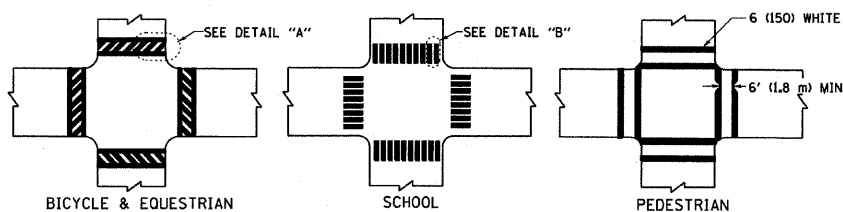


**TYPICAL ISLAND MARKING**



NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

**TYPICAL LANE AND EDGE LINE MARKING**



**TYPICAL CROSSWALK MARKING**

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	8 (200) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION	4 (100)	SOLID	YELLOW	8 (200) C-C
FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4 m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4 m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	6' (1.8 m) LINE WITH 18' (5.50 m) SPACE FOR SKIP-DASH; 8 (200) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 8 (200) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2'-4" (700) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45°	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	8 (200) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 20' (6.1 m) (LESS THAN 30 MPH (50 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STREET MARKING STANDARDS, PRINTED BY CITY OF CHICAGO, DEPARTMENT OF TRANSPORTATION, BUREAU OF TRAFFIC.

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

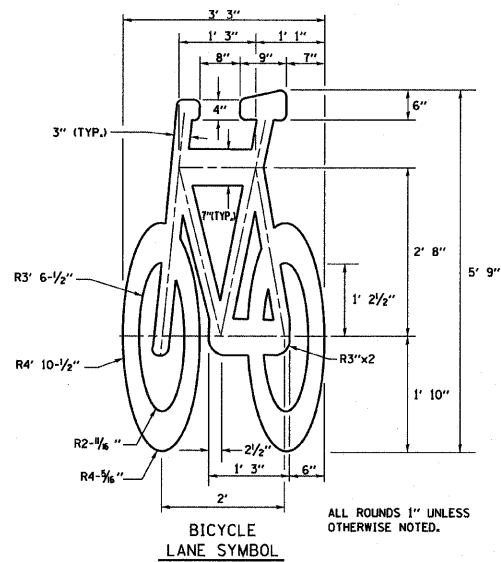
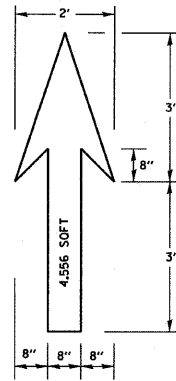
FILE NAME = W:\dststd\22x34\to24.dgn	USER NAME = geglionobt	DESIGNED -	REVISED - T. RAMMACHER 12-07-00
		DRAWN -	REVISED -
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/4/2008	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CITY OF CHICAGO  
TYPICAL PAVEMENT MARKINGS**

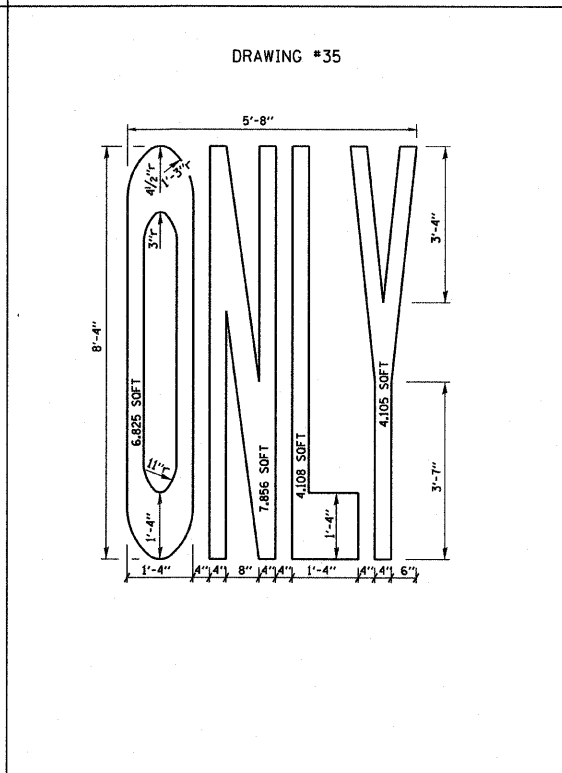
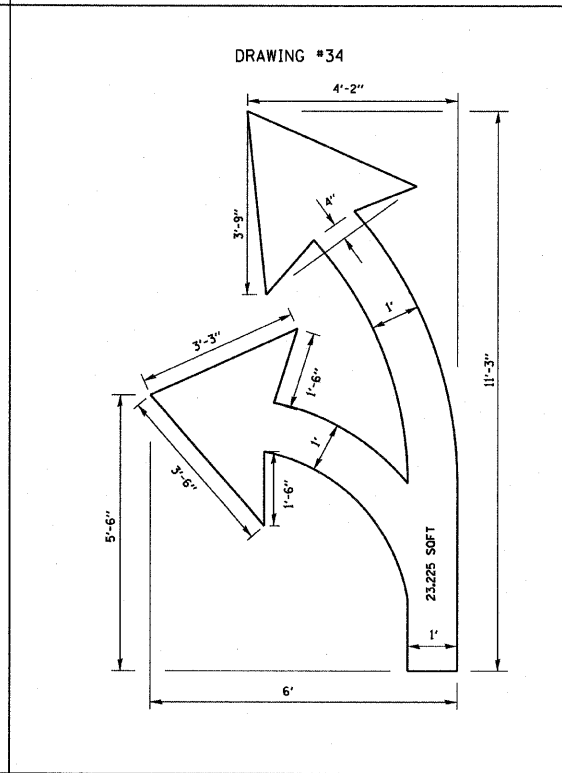
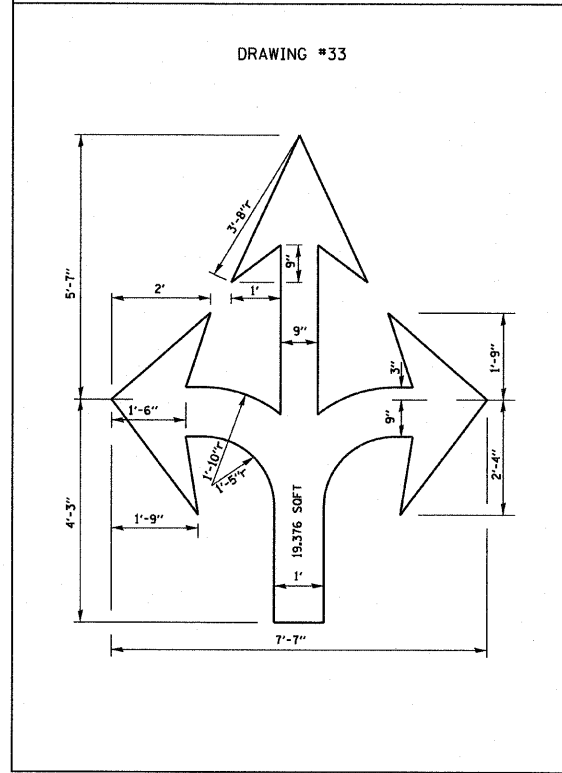
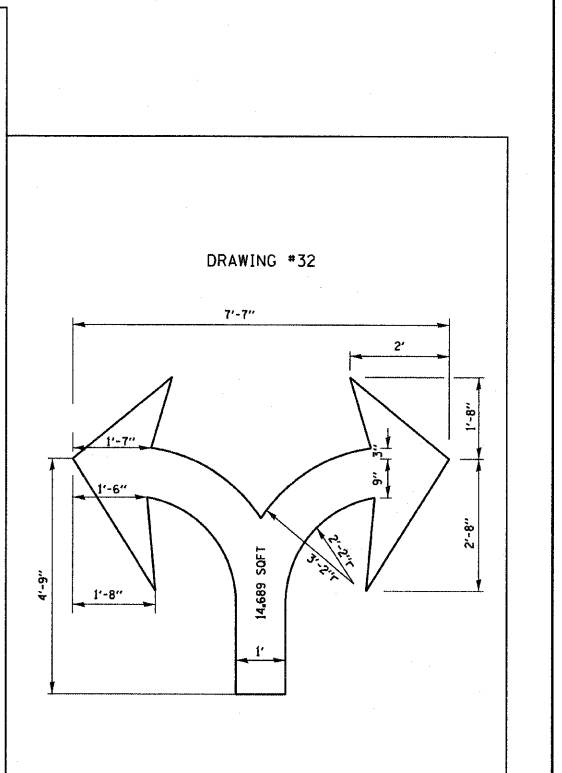
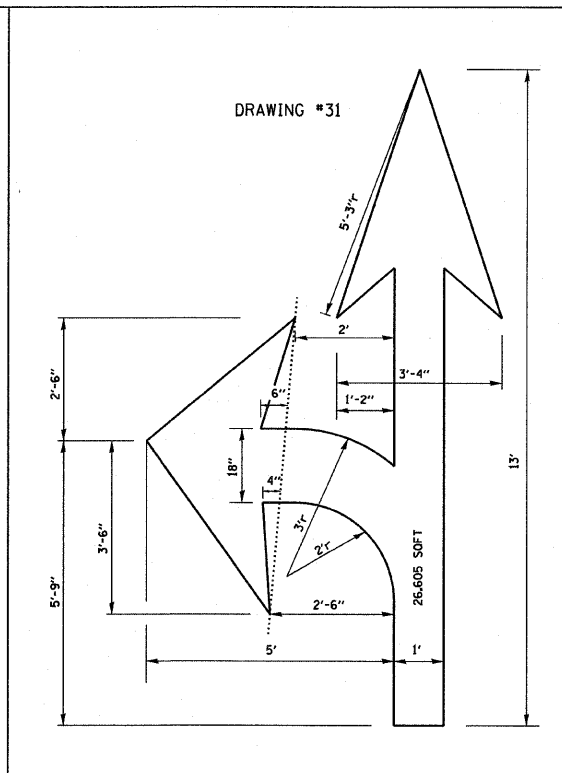
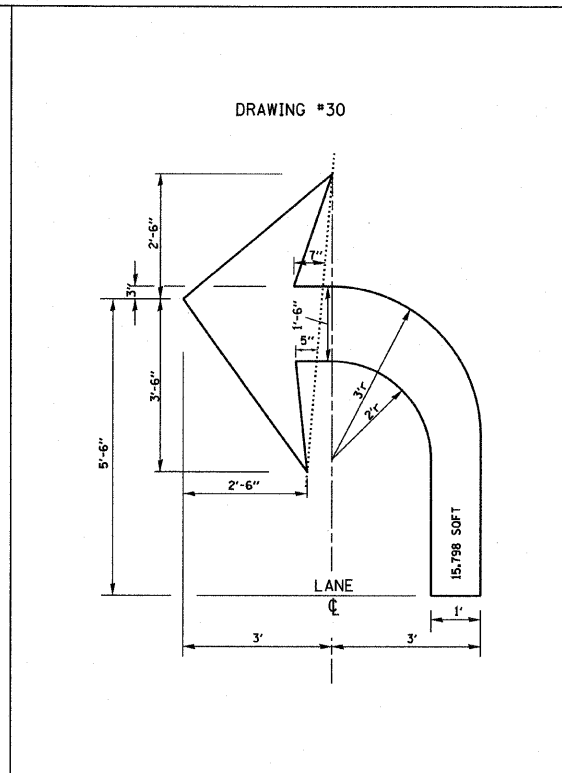
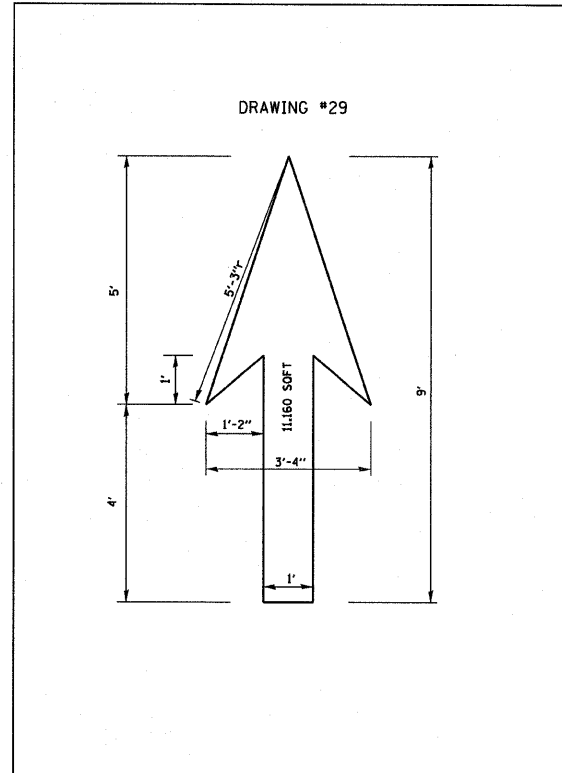
SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A. RTE. 94	SECTION 2005-009 LS	COUNTY Cook	TOTAL SHEETS 60	SHEET NO. 59
TC-24		CONTRACT NO. 60A75		
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				



- NOTE:**
- FOR BIKE LANE SYMBOLS ONLY, USE PRE-FORMED THERMOPLASTIC WITH A MINIMUM THICKNESS OF 90 MILS, MINIMUM SKID RESISTANCE VALUE OF 60 BPN, & A MINIMUM INDEX OF REFRACTION OF 1.50.
  - THE RESIDENT ENGINEER SHALL CONTACT MR. BEN GOMBERG AT 312-744-8093 AT LEAST ONE CALENDAR WEEK PRIOR TO INSTALLING BIKE LANE SYMBOLS.

TYPICAL BIKE LANE SYMBOLS  
DRAWING #28



**NOTE:**  
ALL MARKINGS SHALL BE SOLID WHITE UNLESS OTHERWISE NOTED IN THE PLANS

FILE NAME = W:\diststd\22x34\to24.dgn	USER NAME = gaglianobt	DESIGNED - DRAWN -	REVISED - REVISED -
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/4/2008	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO	
TYPICAL PAVEMENT MARKINGS	
SCALE: NONE	SHEET NO. 2 OF 2 SHEETS
STA.	TO STA.

F.A. RTE. #	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-069 LS	COOK	60	60
TC-24		CONTRACT NO. 60A75		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				