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# IDOT HIGHWAY STANDARDS

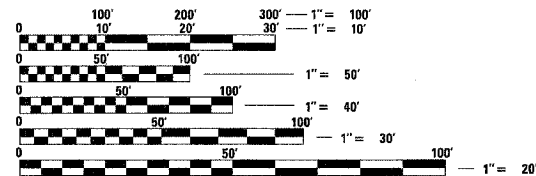
STANDARD	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
606001-03	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701101-01	'OFF-RD OPERATIONS, MULTILANE 45M (15') TO 600mm (24") FROM PAVEMENT EDGE'
701601-05	URBAN LANE CLOSURE, 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

# PROJECT LOCATED IN CITY OF CHICAGO

# DESIGN DESIGNATION

LA SALLE ST: 8275 (20) URBAN COLLECTOR

FRONTAGE ROAD:	ADT (2020)	DESIGN SPEED	POSTED SPEED
LA SALLE ST	15,000	30	25
WENTWORTH AVE	15,000	30	25

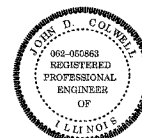


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

BEFORE EXCAVATING CALL:  
CHICAGO UTILITY ALERT NETWORK  
(312) 744-7000

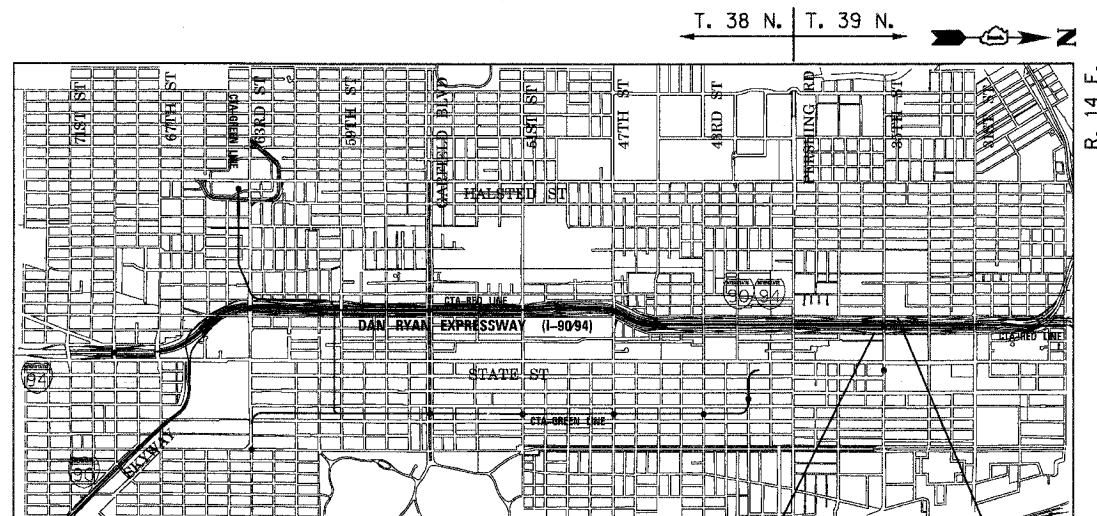
CONTRACT NO. 60A79

DISTRICT ONE DESIGNCONSULTANT SERVICES PROJECT MANAGER  
RAJENDRA SHAH (847) 705-4555



SIGNATURE *John Colwell*  
DATE 3/13/08  
EXPIRES 11/30/09

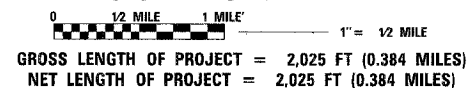
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY**  
F.A.I. ROUTE 90/94 (DAN RYAN EXPRESSWAY)  
SECTION 2005-073 LS  
PROJECT: IM-0005(587)  
**GATEWAY LANDSCAPING & IRRIGATION at 35TH STREET**  
C-91-109-06



PROJECT BEGINS  
NB LA SALLE ST STA 420+35  
SB WENTWORTH AVE STA 122+65

PROJECT ENDS  
NB LA SALLE ST STA 430+50  
SB WENTWORTH AVE STA 132+75

# LOCATION MAP



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2005-073 LS	COOK	38	1

60A79



LOCATION OF SECTION INDICATED THUS: - [shaded rectangle] -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED MARCH 21, 2008

*Diane M. O'Keefe*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER  
May 9, 2008

*Eric E. Haran*  
INTERIM ENGINEER OF DESIGN AND ENVIRONMENT  
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OF THE STATE OF ILLINOIS**

BOWMAN, BARRETT & ASSOCIATES INC.  
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Chicago, Illinois  
312.228.0100  
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	36	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
60A79		• 2005-073 LS		

**GENERAL NOTES:**

- THE CONTRACTOR SHALL COORDINATE ALL ACTIVITIES WITH:  
 CONTRACT 60A05 - SB FENCE AND GATES FROM 47TH PLACE TO 31ST ST  
 CONTRACT 60A04 - NB FENCE AND GATES FROM 47TH PLACE TO 31ST ST.  
 CONTRACT 62992 - NB KNEE WALLS (PERSHING RD TO 35TH ST)  
 CONTRACT 62993 - NB KNEE WALLS (35TH ST TO 33RD ST)  
 CONTRACT 62998 - SB KNEE WALLS (PERSHING RD TO 35TH ST)  
 CONTRACT 62999 - SB KNEE WALLS (35TH ST TO 33RD ST)  
 CONTRACT 62301 - RECONSTRUCTION OF NORTHBOUND LOCAL LANES AND RAMPS BETWEEN GARFIELD BOULEVARD AND 31ST ST.  
 CONTRACT 62303 - RECONSTRUCTION OF SOUTHBOUND LOCAL LANES AND RAMPS BETWEEN GARFIELD BOULEVARD AND 31ST ST  
 CONTRACT 62583 - LIGHTING AND SURVEILLANCE 31ST ST TO I-57 INTERCHANGE
- CONTRACTOR SHALL MATCH ALL WORK COMPLETED IN THE ABOVE CONTRACTS.
- THE LOCATIONS OF EXISTING UTILITIES, AS SHOWN ON THE DRAWINGS, REPRESENT DATA RECEIVED FROM VARIOUS SOURCES. IT IS NOT GUARANTEED TO BE CORRECT OR ALL INCLUSIVE. THE CONTRACTOR MUST CONDUCT HIS OWN INVESTIGATIONS INTO THE LOCATION, SIZE, DEPTH, AND NATURE OF ANY AND ALL EXISTING UTILITIES WHICH MAY IMPACT THE WORK UNDER THIS CONTRACT. ANY EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE MUST BE FULLY PROTECTED BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THE CONSTRUCTION MUST BE IMMEDIATELY REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROTECTION OF ANY AND ALL SURFACE AND UNDERGROUND UTILITIES, EVEN THOUGH THEY MAY NOT BE IDENTIFIED ON THE PLANS.
- THE CONTRACTOR MUST COORDINATE CONSTRUCTION ACTIVITIES WITH THE RESPECTIVE UTILITIES OF THE CITY OF CHICAGO. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR MUST CALL THE CHICAGO UTILITY ALERT NETWORK (C.U.A.N.) AT (312) 744-7000 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRICAL, TELEPHONE, CABLE, AND GAS FACILITIES (48 HOURS NOTIFICATION IS REQUIRED). THE CONTRACTOR MUST CONTACT THE CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT, PERMIT SECTION AT (312) 747-7893 FOR WATER AND CITY SEWER LOCATIONS.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM IDOT.
- WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS, THE CONTRACTOR MUST EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING COMMERCIAL AND RESIDENTIAL AREAS.
- USE NO. 6 EPOXY-COATED TIE BARS CONFORMING TO ARTICLE 1006.10(B)(2) OF THE STANDARD SPECIFICATIONS FOR TYING THE CURB AND GUTTER SECTIONS TO PAVEMENT AS SHOWN ON THE PLANS. THE TIE BARS WILL NOT BE PAID FOR SEPARATELY. TIE BARS USED WITH CURB AND GUTTER MUST BE INCLUDED IN THE COST OF THE COMBINATION CONCRETE CURB AND GUTTER OF THE TYPE SPECIFIED.
- CHAIN LINK FENCE REMOVAL MUST BE CONSIDERED AS PART OF CLEARING.
- IT MUST BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT NO GAP REMAINS BETWEEN PROPOSED KNEE WALLS OR WHERE PROPOSED KNEE WALL TERMINATES AND EXISTING FENCE REMAINS IN PLACE.
- THE CONTRACTOR MUST TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ABUTTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER MUST BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR MUST PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS. THE ENGINEER OR AN AUTHORIZED SURVEYOR AGENT WILL WITNESS OR OTHERWISE REFERENCE AND RESET MONUMENTS AS NECESSARY. ALL PROPERTY CORNERS EXCEPT THOSE WITHIN AREAS WHERE THE SCHEDULE, IF PROVIDED, SHOWS PLACEMENT OF R.O.W. MARKERS MUST REMAIN UNDISTURBED.
- ALL ELEVATIONS IN THIS PLAN SET ARE BASED ON THE CHICAGO CITY DATUM. THE CONVERSION EQUATION FROM CCD TO NAVD 88 IS: NAVD 88 ELEVATION = CCD + 579.19.

- BARRICADES; THE CONTRACTOR MUST PROVIDE AND INSTALL TWO WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE WEIGHTED SANDBAG ACROSS EACH BOTTOM RAIL. ALL TYPE III BARRICADES REQUIRE A MINIMUM OF FOUR SANDBAGS PER BARRICADE.
- SUPERSTRUCTURE RATING COARSE AGGREGATE MUST BE USED IN THE CONCRETE BARRIER WALL CONCRETE MIXTURE.
- LOCATIONS OF ACCESS CONTROL FENCING AS SHOWN ON THE PLANS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO BETTER FIT FIELD CONDITIONS.
- THE LOCATION OF VARIOUS ITEMS SUCH AS PAVEMENT, BARRIER WALLS, ELECTRICAL SYSTEMS AND DRAINAGE STRUCTURES BUILT IN CONTRACTS UNDER CONSTRUCTION DURING THE PREPARATION OF THESE PLANS IS BASED ON THE PUBLISHED CONTRACT PLAN DRAWINGS AVAILABLE DURING DESIGN. THE CONTRACTOR MUST FIELD VERIFY LIMITS, LOCATIONS AND ELEVATIONS OF THESE PREVIOUSLY CONSTRUCTED ITEMS.
- CRUSHING PLANT AND CONCRETE PLANT LOCATIONS REQUIRE CITY OF CHICAGO APPROVAL.
- THE CONTRACTOR IS ALERTED THAT THERE ARE EXISTING CTA UTILITY FACILITIES WITHIN, ADJACENT TO, AND CROSSING UNDER THE EXPRESSWAY FROM THE FRONTAGE ROADS TO THE CTA OPERATING AREA. THE EXACT LOCATION OF THESE FACILITIES IS NOT KNOWN. THE CONTRACTOR MUST CONTACT THE CTA AT 312-681-3860 FOR LOCATIONS OF THESE FACILITIES BEFORE PROCEEDING WITH ANY WORK WITHIN OR ADJACENT TO THE CTA OPERATING AREA. FOR ADDITIONAL INFORMATION REGARDING BURIED CONDUITS, CONTACT MR. RICK STRAUBEL, MANAGER TECH SUPPORT, AT 312-922-0508.
- THE CONTRACTOR MUST USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS THAT WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR MUST BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
- THE CONTRACTOR MUST MAINTAIN THE SURFACE DRAINAGE OF ALL ROADWAYS DURING CONSTRUCTION OF THIS PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR MUST PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, AND CATCH BASINS. THE CONTRACTOR MUST PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. THE CONTRACTOR MUST PROVIDE AND MAINTAIN A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL INSTALLATION IS COMPLETE INCLUDING PAVEMENT. THIS WORK MUST NOT BE PAID FOR SEPERATELY BUT MUST BE CONSIDERED INCLUDED IN THE COST OF THIS CONTRACT.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
- ALL RELOCATION OF EXISTING SIGNS IN CONFLICT WITH PROPOSED CONSTRUCTION SHALL CONFORM TO ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS. EXISTING SIGNS TO BE RELOCATED IN PROPOSED CONCRETE MEDIAN SURFACE SHALL BE INSTALLED USING A SLEEVE OR BY CORING THE CONCRETE MEDIAN SURFACE. THE SLEEVE AND CORING OPERATIONS SHALL BE AS DIRECTED AND APPROVED BY THE ENGINEER. EXISTING SIGNS TO BE RELOCATED ONTO PROPOSED KNEE WALL FOOTINGS SHALL BE INSTALLED ACCORDING TO SECTIONS 728 AND 731 OF THE STANDARD SPECIFICATIONS. LABOR AND MATERIALS FOR RELOCATION OF EXISTING SIGNS WILL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE INCLUDED IN THE COST OF THE FLUTED KNEE WALL.
- THE INTENT OF THE CONTRACT DOCUMENTS IS TO CONSTRUCT THE FLUTED KNEE WALL BEHIND THE EXISTING CURB AND GUTTER. ANY DAMAGE TO THE EXISTING CURB AND GUTTER SHALL BE REPAIRED TO THE ORIGINAL CONDITION OF THE CURB AND GUTTER BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL SHOW PROOF OF PROCUREMENT, SOURCES, QUANTITIES AND VARIETIES FOR ALL SHRUBS, TREES, GROUND COVERS, PERENNIAL 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.

**GENERAL NOTES: CITY OF CHICAGO**

- IN CASE OF DAMAGE TO CITY OF CHICAGO SEWERS, PRIVATE AND PUBLIC DRAINS, SEWER STRUCTURES AND/OR BENCH MONUMENTS, THE CONTRACTOR MUST IMMEDIATELY CONTACT THE DEPARTMENT OF WATER MANAGEMENT AT (312) 747-7892 OR (312) 747-7893.
- BENCH MONUMENT LOCATIONS WITHIN THE LIMITS OF THE IMPROVEMENT CAN BE OBTAINED FROM THE DEPARTMENT OF WATER MANAGEMENT AT 333 SOUTH STATE STREET, SUITE 410, CHICAGO, IL 60604. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF REPLACING ANY BENCH MONUMENT DAMAGED OR DESTROYED DURING CONSTRUCTION.
- IN LOCATIONS WHERE THE MAIN SEWERS, DRAINAGE STRUCTURES, PUBLIC, AND PRIVATE DRAIN CONNECTIONS ARE DISTURBED OR DAMAGED DURING CONSTRUCTION BY THE CONTRACTOR, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO RESTORE AND REPLACE THE DAMAGED FACILITIES AT HIS/HER OWN EXPENSE TO THE SATISFACTION OF THE DEPARTMENT OF WATER MANAGEMENT. THE SEWER FLOWS MUST BE MAINTAINED AT ALL TIMES.
- EXTREME CAUTION IS TO BE TAKEN TO ENSURE THAT NO FACILITY OWNED AND MAINTAINED BY THE DEPARTMENT OF WATER MANAGEMENT IS DAMAGED DURING CONSTRUCTION. IF ANY DAMAGE OCCURS TO ANY FACILITIES, THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE COST OF REPAIRING OR REPLACING THEM.
- CITY OF CHICAGO WATER VALVE VAULTS AND SEWER STRUCTURES MUST NOT BE CLOSED, COVERED OR OTHERWISE OBSTRUCTED DURING CONSTRUCTION WITHOUT WRITTEN PERMISSION FROM THE CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT.
- THE CHICAGO TRANSIT AUTHORITY (CTA) HAS BUS OPERATIONS ALONG WENTWORTH AVENUE/WELLS STREET. THE CONTRACTOR MUST INFORM THE CTA REPRESENTATIVE MS. CHARLENE RIFFER (GENERAL MANAGER CONSTRUCTION) OF THE ON-GOING PROJECT SCHEDULE STARTING 28 DAYS BEFORE THE START OF CONSTRUCTION AT (312) 681-3851.
- PAVEMENT REPLACEMENT AROUND FRAMES AND GRATES OR LIDS WHERE DRAINAGE, WATER MAIN OR ELECTRICAL STRUCTURES ARE ADJUSTED OR RECONSTRUCTED, MUST BE WITH CLASS SI CONCRETE.

**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 MEETINGS SCHEDULE SHALL BE PROVIDED TO THE CITY IN ADVANCE.
- THE CITY OF CHICAGO - STREETScape UNIT REPRESENTATIVES SHALL BE AFFORDED THE OPPORTUNITY TO OBSERVE ALL LANDSCAPE AND IRRIGATION WORK IN COORDINATION WITH AND CONCURRENCE OF THE ENGINEER.
- THE CONTRACTOR AND THE ENGINEER, IN COORDINATION WITH IDOT'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 REPRESENTATIVES SHALL BE INVITED BY THE CONTRACTOR AND THE ENGINEER TO ATTEND AND PARTICIPATE IN THE FINAL PROJECT INSPECTION.

BOWMAN, BARRETT & ASSOCIATES INC.  
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 GATEWAY LANDSCAPING & IRRIGATION @ 35TH

**GENERAL NOTES**

SCALE: NONE  
 DATE: 03/13/07  
 DRAWN BY: JDC  
 CHECKED BY: RS

3/13/2008 6:03:05 PM

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	URBAN		100% CITY	
			QUANTITY	Y003	Y003	Y003
C2007010	SHRUB, ROSA RADRAZZ (KNOCKOUT ROSE), CONTAINER GROWN, 3-GALLON	EACH	623	623		
C2009120	SHRUB, FORSYTHIA X INTERMEDIA HAPPY CENTENNIAL (HAPPY CENTENNIAL FORSYTHIA) 18" HEIGHT, CONTAINER	EACH	542	542		
A2005034	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 10' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	10	10		
C2003353	SHRUB, HEPTACODIUM MICRONOIDES (SEVEN SON FLOWER), 8' HEIGHT, BALLED AND BURLAPPED	EACH	12	12		
C2004738	SHRUB, PHYSOCARPUS OPULIFOLIUS 'SUMMER WINE' (SUMMER WINE COMMON NINEBARK), 2-1/2' HEIGHT, CONTAINER	EACH	222	222		
A2008418	TREE, ULMUS MORTON GLOSSY (TRIUMPH ELM), 3" CALIPER, BALLED AND BURLAPPED	EACH	10	10		
C2006013	SHRUB, RHUS COPALLINA VAR. LATIFOLIA MORTON (PRAIRIE FLAME SHINING SUMAC) 3' HEIGHT, CONTAINER	EACH	968	968		
X0325962	PERENNIAL PLANTS, ALLIUM BULBS	UNIT	58	58		
25000210	SEEDING, CLASS 2A	ACRE	0.79	0.79		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	72	72		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	72	72		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	72	72		
25000750	MOWING	ACRE	2.6	2.6		
25100630	EROSION CONTROL BLANKET	SQ YD	3,824	3,824		
28000510	INLET FILTERS	EACH	34	34		
42001300	PROTECTIVE COAT	SQ YD	317		317	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2,384		2,384	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	136		136	
44000600	SIDEWALK REMOVAL	SQ FT	2,384		2,384	
56104600	WATER VALVES 2"	EACH	2		2	
56200900	WATER SERVICE LINE 2 1/2"	FOOT	380		380	
66400550	CHAIN LINK FENCE, 4' (SPECIAL)	FOOT	1,971		1,971	
67100100	MOBILIZATION	L SUM	1	0.8	0.2	
70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.8	0.2	
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	59		59	
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	61		61	
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	501		501	
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	70		70	
B2006320	TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	32	32		
B2006374	TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 10' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	20	20		

CODE NO.	ITEM	UNIT	URBAN		100% CITY	
			QUANTITY	Y003	Y003	Y003
E2009001	VINE <del>EUONYMUS FORTUNEI</del> <sup>VAR.</sup> COLORATUS (PURPLE LEAF WINTERCREEPER), 1-QUART POT	EACH	2,150	2,150		
K0030400	PERENNIAL PLANTS, DAYLILIES	UNIT	23	23		
K0030450	PERENNIAL PLANTS, DAFFODIL BULBS	UNIT	86	86		
K0030470	PERENNIAL PLANT, ORNAMENTAL GRASS TYPE	UNIT	58	58		
X0301407	PERENNIAL PLANTS, GALLON POT	UNIT	63	63		
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	103	103		
X0325971	CAST-IN-PLACE DETECTABLE WARNING SURFACE	SQ FT	44		44	
X0325103	WATER METER IN VAULT, 2 INCH	EACH	2		2	
X0325104	WATER TAP, 2 INCH	EACH	2		2	
X0325105	IRRIGATION SYSTEM	SQ YD	46,875		46,875	
X0656300	PAVEMENT REMOVAL AND REPLACEMENT	SQ YD	233		233	
X6065740	CONCRETE MEDIAN SURFACE, 5" (MODIFIED)	SQ FT	192		192	
XX000541	EXPLORATORY EXCAVATION	CU YD	18		18	
XX003710	BACKFLOW PREVENTER, 2"	EACH	2		2	
X0325970	SOIL CONDITIONER 3"	SQ YD	6,825		6,825	
XX006326	TYPE K COPPER PIPE 2"	FOOT	425		425	
XX104800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V.12	FOOT	136		136	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1			
<del>Z0076600</del>	<del>TRAINERS</del>	<del>HOUR</del>				
X0325106	IRRIGATION <sup>SYSTEM</sup> FALL SHUT-DOWN	EACH	2		2	
X0325107	IRRIGATION <sup>SYSTEM</sup> SPRING START-UP	EACH	2		2	
K1003460	LANDSCAPE MAINTENANCE	CAL MO	12		12	
C2002950	SHRUB, FORSYTHIA X INTERMEDIA COURTAOUR (GOLDBLOCKS FORSYTHIA) 18" HEIGHT, CONTAINER	EACH	284	284		
C2002949	SHRUB, FORSYTHIA X INTERMEDIA COURDIJAU (GOLDEN PEEP FORSYTHIA) 18" HEIGHT, CONTAINER	EACH	286	286		
X0325004	WEED CONTROL, PRE-EMERGENT HERBICIDE	GALLON	2		2	
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1		1	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1		1	

NP=Non-Participating  
\* - Specialty Items

BOWMAN, BARRETT & ASSOCIATES INC  
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
GATEWAY LANDSCAPING & IRRIGATION @ 35TH

SUMMARY OF QUANTITIES

SCALE: NONE  
DATE: 03/13/07

DRAWN BY: JDC  
CHECKED BY: ODM

Rev.

S00-1  
12:00:52 AM  
3/15/2008

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	38	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
60A79		*2005-073 LS		

**PROP. CURVE SBDRI0**  
 P.I. STA = 1539+47.07  
 Nt = 1,874,803.43  
 Et = 1,175,912.56  
 $\Delta = 25^\circ 26' 39''$  (LT)  
 D = 3° 49' 11"  
 R = 1,500.00'  
 T = 338.65'  
 L = 666.13'  
 E = 37.75'  
 $\theta = 5.9\%$   
 S.A. = END CONTINUOUSLY ROTATING PLANE AT STA 1537+03.93  
 T.R. = 68.20'  
 S.E. RUN = 315.00'  
 S.R. = STA 1541+69.55 TO STA 1545+52.75  
 P.C. STA = 1536+08.42  
 Nt = 1,874,493.81  
 Et = 1,175,775.38  
 P.T. STA = 1542+74.55  
 Nt = 1,875,141.96  
 Et = 1,175,903.41

**PROP. CURVE EL4300**  
 P.C. STA = 714+54.39  
 Nt = 1,875,675.42  
 Et = 1,175,825.74  
 $\Delta = 0^\circ 54' 33''$  (LT)  
 D = 0° 31' 15"  
 R = 11,000.00'  
 T = 87.27'  
 L = 174.54'  
 E = 0.35'  
 $\theta = 5.9\%$   
 S.A. = END CONTINUOUSLY ROTATING PLANE AT STA 713+67.12  
 Nt = 1,875,762.70  
 Et = 1,175,826.31  
 P.T. STA = 715+41.66  
 Nt = 1,875,588.15  
 Et = 1,175,826.55

**PROP. CURVE SWTH1**  
 P.I. STA = 13+21.89  
 Nt = 1,874,747.97  
 Et = 1,175,711.50  
 $\Delta = 28^\circ 04' 24''$  (LT)  
 D = 4° 27' 01"  
 R = 1,287.50'  
 T = 321.89'  
 L = 630.84'  
 E = 39.63'  
 $\theta = 5.9\%$   
 S.A. = MATCH EXISTING  
 T.R. = MATCH EXISTING  
 S.E. RUN = MATCH EXISTING  
 P.C. STA = 10+00.00  
 Nt = 1,874,459.70  
 Et = 1,175,568.28  
 P.T. STA = 16+30.84  
 Nt = 1,875,069.72  
 Et = 1,175,702.20

**PROP. CURVE EL4301**  
 P.I. STA = 723+10.32  
 Nt = 1,874,819.53  
 Et = 1,175,833.74  
 $\Delta = 23^\circ 55' 56''$  (RT)  
 D = 3° 49' 11"  
 R = 1,500.00'  
 T = 317.91'  
 L = 626.54'  
 E = 33.32'  
 $\theta = 5.9\%$   
 S.A. = STA 719+00.06 TO STA 720+38.59  
 S.R. = STA 725+72.77 TO STA 727+63.41 (1.83%)  
 P.C. STA = 719+92.41  
 Nt = 1,875,137.42  
 Et = 1,175,830.77  
 P.T. STA = 726+18.95  
 Nt = 1,874,527.76  
 Et = 1,175,707.50

**PROP. CURVE A4701**  
 P.I. STA = 5072+36.79  
 Nt = 1,874,030.16  
 Et = 1,175,360.65  
 $\Delta = 14^\circ 54' 56''$  (LT)  
 D = 4° 11' 07"  
 R = 1,369.00'  
 T = 179.20'  
 L = 356.38'  
 E = 11.68'  
 $\theta = 5.9\%$   
 S.A. = MATCH EXISTING  
 T.R. = MATCH EXISTING  
 S.E. RUN = MATCH EXISTING  
 P.C. STA = 5070+57.59  
 Nt = 1,874,189.71  
 Et = 1,175,442.25  
 P.T. STA = 5074+13.97  
 Nt = 1,873,854.99  
 Et = 1,175,322.86

**PROP. CURVE A4700**  
 P.I. STA = 5064+21.82  
 Nt = 1,874,765.22  
 Et = 1,175,731.41  
 $\Delta = 22^\circ 28' 55''$  (RT)  
 D = 3° 31' 33"  
 R = 1,625.00'  
 T = 322.97'  
 L = 637.62'  
 E = 31.78'  
 $\theta = 4.4\%$   
 S.A. = STA 5060+00 (3.58%) TO 5061+21.86  
 S.R. = STA 5067+13.48 TO 5067+83.48  
 P.C. STA = 5060+98.86  
 Nt = 1,875,087.21  
 Et = 1,175,756.48  
 P.T. STA = 5067+36.48  
 Nt = 1,874,477.28  
 Et = 1,175,585.12

**PROP. CURVE C4300**  
 P.I. STA = 7054+50.07  
 Nt = 1,875,794.51  
 Et = 1,175,741.50  
 $\Delta = 6^\circ 44' 11''$  (RT)  
 D = 3° 49' 11"  
 R = 1,500.00'  
 T = 88.28'  
 L = 176.36'  
 E = 2.60'  
 $\theta = 4.6\%$   
 S.A. = STA 7053+09.79 TO 7053+87.79  
 S.R. = STA 7055+12.15 TO 7055+90.15  
 P.C. STA = 7053+61.79  
 Nt = 1,875,881.65  
 Et = 1,175,727.39  
 P.T. STA = 7055+38.15  
 Nt = 1,875,706.31  
 Et = 1,175,745.28

**PROP. CURVE NBDRO9**  
 P.I. STA = 2539+31.62  
 Nt = 1,874,770.97  
 Et = 1,175,969.46  
 $\Delta = 23^\circ 53' 35''$  (LT)  
 D = 3° 57' 05"  
 R = 1,450.00'  
 T = 306.79'  
 L = 604.67'  
 E = 32.10'  
 $\theta = 6.0\%$   
 S.A. = END CONTINUOUSLY ROTATING PLANE AT STA 2536+24.82  
 T.R. = 33.10'  
 S.E. RUN = 320.00'  
 S.R. = STA 2541+22.82 TO STA 2544+75.92  
 P.C. STA = 2536+24.82  
 Nt = 1,874,487.21  
 Et = 1,175,852.82  
 P.T. STA = 2542+29.49  
 Nt = 1,875,077.65  
 Et = 1,175,961.17

**PROP. CURVE SBLOC06**  
 P.I. STA = 3539+38.89  
 Nt = 1,874,807.75  
 Et = 1,175,816.77  
 $\Delta = 22^\circ 47' 56''$  (LT)  
 D = 3° 23' 54"  
 R = 1,686.00'  
 T = 339.94'  
 L = 670.88'  
 E = 33.93'  
 $\theta = 5.7\%$   
 S.A. = END CONTINUOUSLY ROTATING PLANE AT STA 3537+00.25  
 T.R. = 68.79'  
 S.E. RUN = 380.00'  
 S.R. = STA 3541+43.17 TO STA 3545+91.96  
 P.C. STA = 3535+98.96  
 Nt = 1,874,493.12  
 Et = 1,175,688.05  
 P.T. STA = 3542+69.84  
 Nt = 1,875,147.67  
 Et = 1,175,813.52

**PROP. CURVE NBLOC07**  
 P.I. STA = 4539+56.47  
 Nt = 1,874,785.65  
 Et = 1,176,076.72  
 $\Delta = 28^\circ 53' 07''$  (LT)  
 D = 3° 52' 17"  
 R = 1,480.00'  
 T = 381.17'  
 L = 746.13'  
 E = 48.30'  
 $\theta = 5.9\%$   
 S.A. = END CONTINUOUSLY ROTATING PLANE AT STA 4536+66.66  
 T.R. = 68.49'  
 S.E. RUN = 393.00'  
 S.R. = STA 4541+90.43 TO STA 4546+51.92  
 P.C. STA = 4535+75.30  
 Nt = 1,874,442.48  
 Et = 1,175,910.80  
 P.T. STA = 4543+21.43  
 Nt = 1,875,166.27  
 Et = 1,176,056.22

**PROP. CURVE B4700**  
 P.I. STA = 6065+87.40  
 Nt = 1,874,784.51  
 Et = 1,176,124.85  
 $\Delta = 24^\circ 04' 19''$  (LT)  
 D = 4° 24' 27"  
 R = 1,300.00'  
 T = 277.18'  
 L = 546.17'  
 E = 29.22'  
 $\theta = 4.9\%$   
 S.A. = STA 6061+55.16 TO 6063+58.24  
 S.R. = STA 6068+08.40 TO 4546+51.92  
 P.C. STA = 6063+10.23  
 Nt = 1,874,525.73  
 Et = 1,176,025.56  
 P.T. STA = 6068+56.40  
 Nt = 1,875,061.29  
 Et = 1,176,109.94

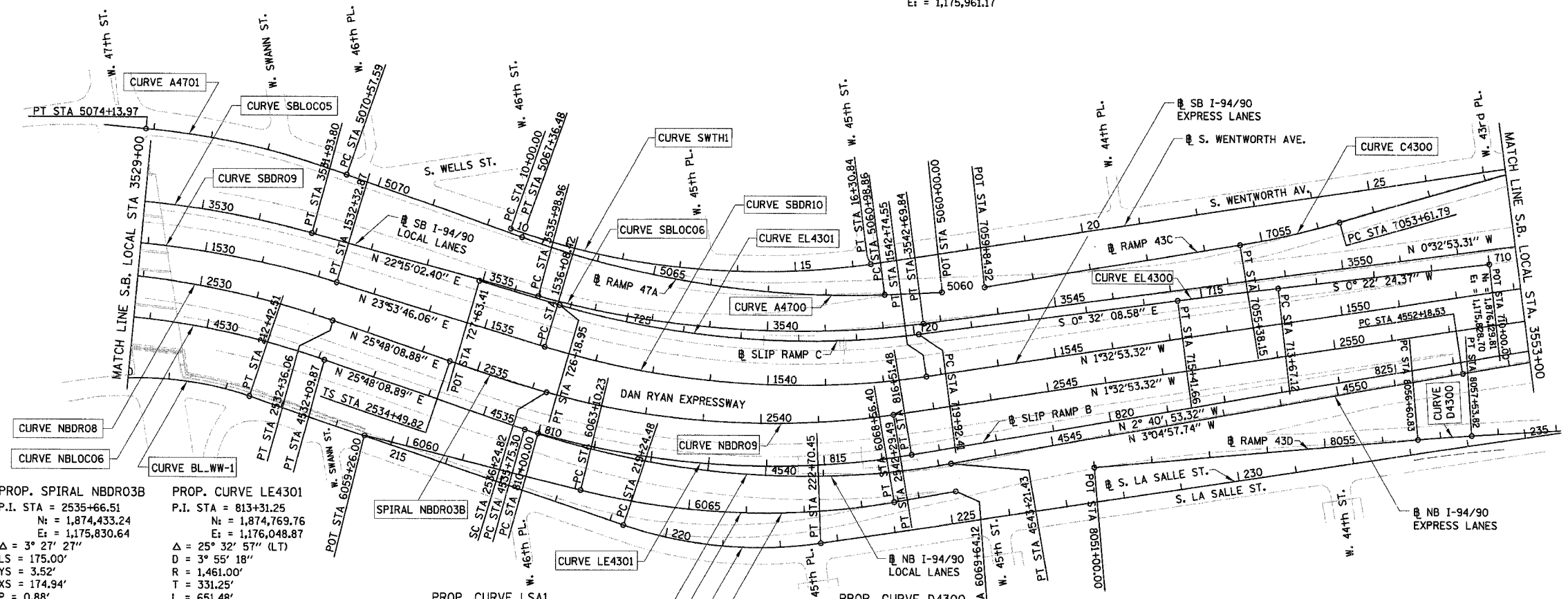
**PROP. CURVE BL-WW-1**  
 P.I. STA = 211+05.58  
 Nt = 1,873,849.12  
 Et = 1,175,736.29  
 $\Delta = 27^\circ 13' 24''$  (RT)  
 D = 9° 44' 58"  
 R = 587.69'  
 T = 142.30'  
 L = 279.23'  
 E = 16.98'  
 $\theta = 5.9\%$   
 S.A. = MATCH EXISTING  
 T.R. = MATCH EXISTING  
 S.E. RUN = MATCH EXISTING  
 P.C. STA = 209+63.28  
 Nt = 1,873,706.87  
 Et = 1,175,740.12  
 P.T. STA = 212+42.51  
 Nt = 1,873,977.37  
 Et = 1,175,797.95

**PROP. SPIRAL NBDRO3B**  
 P.I. STA = 2535+66.51  
 Nt = 1,874,433.24  
 Et = 1,175,830.64  
 $\Delta = 3^\circ 27' 27''$   
 LS = 175.00'  
 YS = 3.52'  
 XS = 174.94'  
 P = 0.88'  
 K = 87.49'  
 LT = 116.69'  
 ST = 58.35'  
 LC = 174.97'  
 T.S. STA = 2534+49.82  
 Nt = 1,874,328.19  
 Et = 1,175,779.85  
 S.C. STA = 2536+24.82  
 Nt = 1,874,487.21  
 Et = 1,175,852.82

**PROP. CURVE LE4301**  
 P.I. STA = 813+31.25  
 Nt = 1,874,769.76  
 Et = 1,176,048.87  
 $\Delta = 25^\circ 32' 57''$  (LT)  
 D = 3° 55' 18"  
 R = 1,461.00'  
 T = 331.25'  
 L = 651.48'  
 E = 37.08'  
 $\theta = 5.9\%$   
 S.A. = STA 810+00.00 (4.45%) TO 810+67.35  
 T.R. = 71.04'  
 S.E. RUN = 208.68'  
 S.R. = STA 815+81.92 TO STA 818+61.64  
 P.C. STA = 810+00.00  
 Nt = 1,874,464.55  
 Et = 1,175,920.15  
 P.T. STA = 816+51.48  
 Nt = 1,875,100.65  
 Et = 1,176,033.38

**PROP. CURVE LSA1**  
 P.I. STA = 221+00.82  
 Nt = 1,874,750.89  
 Et = 1,176,169.92  
 $\Delta = 27^\circ 20' 30''$  (LT)  
 D = 7° 54' 10"  
 R = 725.00'  
 T = 176.34'  
 L = 345.97'  
 E = 21.14'  
 $\theta = 5.9\%$   
 S.A. = MATCH EXISTING  
 T.R. = MATCH EXISTING  
 S.E. RUN = MATCH EXISTING  
 P.C. STA = 219+24.48  
 Nt = 1,874,591.98  
 Et = 1,176,093.48  
 P.T. STA = 222+70.45  
 Nt = 1,874,927.16  
 Et = 1,176,164.84

**PROP. CURVE D4300**  
 P.I. STA = 8057+07.33  
 Nt = 1,876,018.11  
 Et = 1,176,112.42  
 $\Delta = 1^\circ 19' 55''$  (RT)  
 D = 1° 25' 57"  
 R = 4,000.00'  
 T = 46.49'  
 L = 92.99'  
 E = 0.27'  
 $\theta = 2.3\%$   
 S.A. = STA 8056+54.83 TO 8056+63.83  
 S.R. = STA 8057+50.82 TO 8057+59.82  
 P.C. STA = 8056+60.83  
 Nt = 1,875,971.65  
 Et = 1,176,110.86  
 P.T. STA = 8057+53.82  
 Nt = 1,876,064.53  
 Et = 1,176,115.06



- NOTES:**
1. AVERAGE GRID TO GROUND CONVERSION FACTOR = 1.000010988654360
  2. FOR BENCH MARK INFORMATION, SEE SHEET ALT-16 OF ALIGNMENT PLAN SHEETS.
  3. FOR RAMP P.O.T. INFORMATION, SEE SHEET ALT-16 OF ALIGNMENT PLAN SHEETS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 GATEWAY LANDSCAPING & IRRIGATION @ 35TH

**ALIGNMENT PLAN**

SCALE: 1"=100'  
 DATE: 03/13/07  
 DRAWN BY: JDC  
 CHECKED BY: RS

BOWMAN, BARRETT & ASSOCIATES INC.  
 CONSULTING ENGINEERS  
 Chicago, Illinois  
 312.228.0100  
 www.bbainc.com

3/15/2008 12:29:09 AM

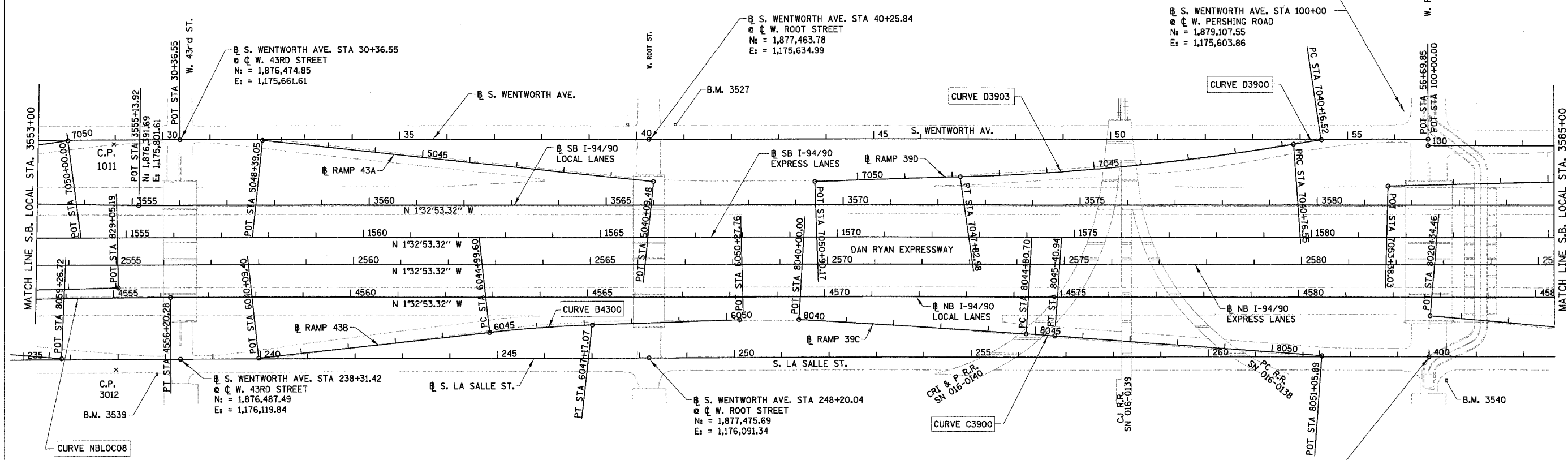
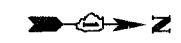
F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	38	5
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
60A79	2005-073 LS			

PROP. CURVE D3903  
P.I. STA = 7044+30.25  
N = 1,878,475.96  
E = 1,175,675.24  
 $\Delta = 7^\circ 22' 41''$  (RT)  
D =  $1^\circ 02' 40''$   
R = 5,486.00'  
T = 353.70'  
L = 706.43'  
E = 11.39'  
P.C. STA = 7040+76.55  
N = 1,878,823.36  
E = 1,175,608.75  
P.T. STA = 7047+82.98  
N = 1,878,122.90  
E = 1,175,696.57

PROP. CURVE D3900  
P.I. STA = 7040+46.54  
N = 1,878,852.84  
E = 1,175,603.11  
 $\Delta = 0^\circ 47' 26''$  (LT)  
D =  $1^\circ 19' 02''$   
R = 4,350.00'  
T = 30.02'  
L = 60.03'  
E = 0.10'  
P.C. STA = 7040+16.52  
N = 1,878,882.40  
E = 1,175,597.87  
P.T. STA = 7040+76.55  
N = 1,878,823.36  
E = 1,175,608.75

⊙ S. WENTWORTH AVE. STA 56+69.85  
⊙ W. PERSHING ROAD  
N = 1,879,107.55  
E = 1,175,590.76

⊙ S. WENTWORTH AVE. STA 100+00  
⊙ W. PERSHING ROAD  
N = 1,879,107.55  
E = 1,175,603.86



PROP. CURVE NBLOC08  
P.I. STA = 4554+19.42  
N = 1,876,262.66  
E = 1,175,997.17  
 $\Delta = 1^\circ 32' 04''$  (RT)  
D =  $0^\circ 22' 55''$   
R = 15,000.00'  
T = 200.89'  
L = 401.75'  
E = 1.35'  
P.C. STA = 4552+18.53  
N = 1,876,062.07  
E = 1,176,007.97  
P.T. STA = 4556+20.28  
N = 1,876,463.47  
E = 1,175,991.74

PROP. CURVE B4300  
P.I. STA = 6046+08.39  
N = 1,877,246.14  
E = 1,176,032.59  
 $\Delta = 4^\circ 21' 02''$  (RT)  
D =  $2^\circ 00' 02''$   
R = 2,864.00'  
T = 108.79'  
L = 217.47'  
E = 2.07'  
 $\epsilon = 3.0\%$   
S.A. = STA 6044+79.60  
TO 6045+09.60  
S.R. = STA 6047+07.07  
TO 6047+37.07  
P.C. STA = 6044+99.60  
N = 1,877,138.36  
E = 1,176,047.37  
P.T. STA = 6047+17.07  
N = 1,877,354.72  
E = 1,176,026.03

PROP. CURVE C3900  
P.I. STA = 8045+10.82  
N = 1,878,300.35  
E = 1,176,021.08  
 $\Delta = 0^\circ 41' 25''$  (RT)  
D =  $1^\circ 08' 45''$   
R = 5,000.00'  
T = 30.12'  
L = 60.24'  
E = 0.09'  
P.C. STA = 8044+80.70  
N = 1,878,270.25  
E = 1,176,020.07  
P.T. STA = 8045+40.94  
N = 1,878,330.44  
E = 1,176,022.46

⊙ S. LASALLE ST. STA 400+00.00 AH  
STA 264+66.03 BK  
⊙ W. PERSHING ROAD  
N = 1,879,121.00  
E = 1,176,043.89

- NOTES:**
- AVERAGE GRID TO GROUND CONVERSION  
FACTOR = 1.000010988654360
  - FOR BENCH MARK INFORMATION, SEE SHEET ALT-16 OF ALIGNMENT PLAN SHEETS.
  - FOR RAMP P.O.T. INFORMATION, SEE SHEET ALT-16 OF ALIGNMENT PLAN SHEETS.

ALT-02

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
GATEWAY LANDSCAPING & IRRIGATION @ 35TH

ALIGNMENT PLAN

SCALE: 1"=100'  
DATE: 03/13/07

DRAWN BY: JDC  
CHECKED BY: RS

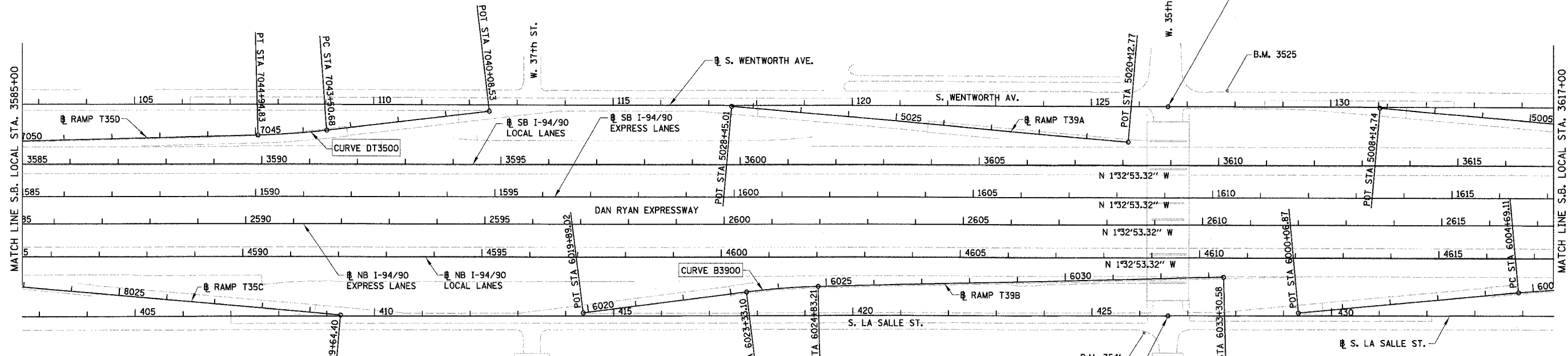
BOWMAN, BARRETT & ASSOCIATES INC.  
CONSULTING ENGINEERS  
Chicago, Illinois  
312 228 0100  
www.bbainc.com



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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	38	6
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
60AT9	2005-073 LS			

PROP. CURVE DT3500  
P.I. STA = 7044+22.81  
N<sub>c</sub> = 1,879,939.16  
E = 1,175,643.87  
Δ = 5° 14' 38" (RT)  
D = 3° 38' 16"  
R = 1,575.00'  
T = 72.13'  
L = 144.15'  
E = 1.65'  
e = 3.6%  
S.A. = STA 7043+14.68  
TO 7043+59.68  
S.R. = STA 7044+85.83  
TO 7045+30.83  
P.C. STA = 7043+50.68  
N<sub>c</sub> = 1,880,010.54  
E<sub>c</sub> = 1,175,633.56  
P.T. STA = 7044+94.83  
N<sub>c</sub> = 1,879,867.13  
E<sub>c</sub> = 1,175,647.62



PROP. CURVE B3900  
P.I. STA = 6024+08.22  
N<sub>c</sub> = 1,880,970.99  
E = 1,175,932.00  
Δ = 5° 47' 44" (RT)  
D = 3° 51' 39"  
R = 1,484.00'  
T = 75.12'  
L = 150.11'  
E = 1.90'  
e = 3.7%  
S.A. = STA 6022+97.10  
TO 6023+42.10  
S.R. = STA 6024+74.21  
TO 6025+19.21  
P.C. STA = 6023+33.10  
N<sub>c</sub> = 1,880,896.76  
E<sub>c</sub> = 1,175,943.46  
P.T. STA = 6024+83.21  
N<sub>c</sub> = 1,881,046.01  
E<sub>c</sub> = 1,175,928.09

S. LASALLE ST. STA 426+58.57  
C. W. 35TH STREET  
N<sub>c</sub> = 1,881,778.46  
E<sub>c</sub> = 1,175,967.25

- NOTES:
1. AVERAGE GRID TO GROUND CONVERSION FACTOR = 1.000010988654360
  2. FOR BENCH MARK INFORMATION, SEE SHEET ALT-16 OF ALIGNMENT PLAN SHEETS.
  3. FOR RAMP P.O.T. INFORMATION, SEE SHEET ALT-16 OF ALIGNMENT PLAN SHEETS.

ALT-03

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
GATEWAY LANDSCAPING & IRRIGATION @ 35TH

ALIGNMENT PLAN

SCALE: 1"=100'  
DATE: 03/13/07

DRAWN BY: JDC  
CHECKED BY: RS

BOWMAN, BARRETT & ASSOCIATES INC.  
CONSULTING ENGINEERS  
Chicago, Illinois  
312.228.0100  
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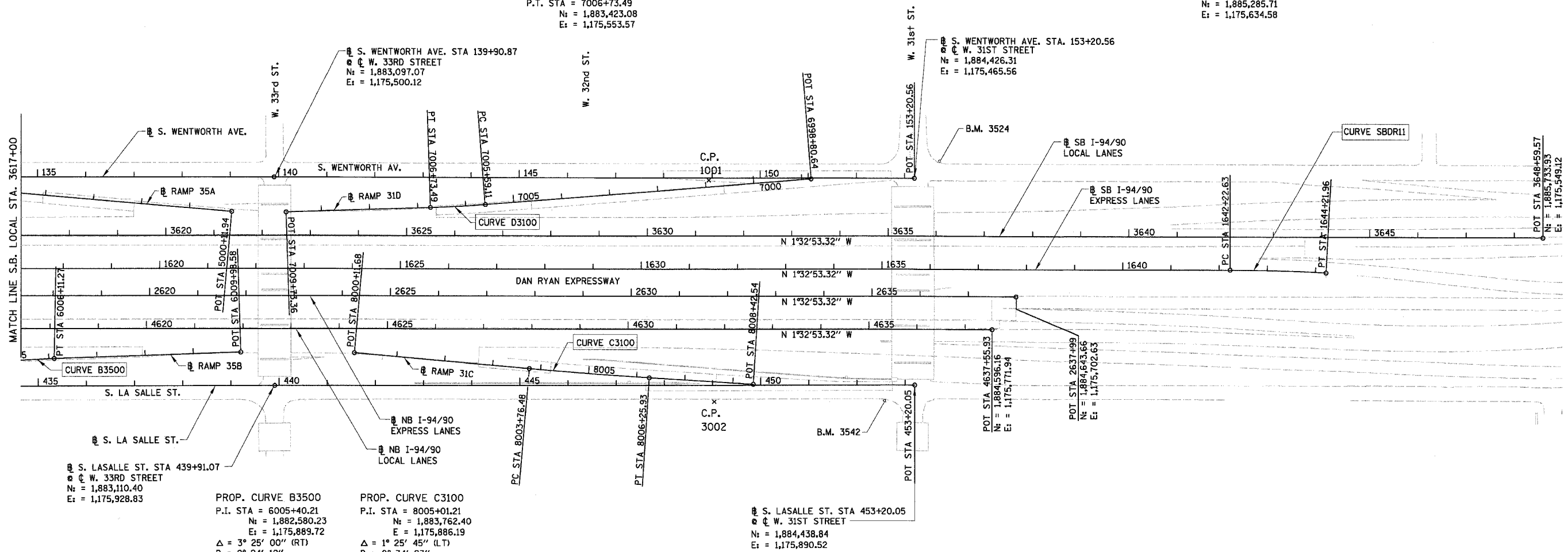


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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	38	7
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
60A79		*2005-073 LS		

PROP. CURVE D3100  
P.I. STA = 7006+16.31  
Nt = 1,883,480.18  
E = 1,175,550.12  
Δ = 2° 35' 11" (RT)  
D = 2° 15' 40"  
R = 2,534.00'  
T = 57.20'  
L = 114.38'  
E = 0.65'  
e = 2.6%  
S.A. = STA 7005+43.11  
TO 7005+63.11  
S.R. = STA 7006+69.49  
TO 7006+89.49  
P.C. STA = 7005+59.11  
Nt = 1,883,537.06  
Et = 1,175,544.09  
P.T. STA = 7006+73.49  
Nt = 1,883,423.08  
Et = 1,175,553.57

PROP. CURVE SBDR11  
P.I. STA = 1643+22.32  
Nt = 1,885,186.06  
E = 1,175,631.95  
Δ = 3° 03' 18" (RT)  
D = 1° 31' 57"  
R = 3,738.57'  
T = 99.69'  
L = 199.33'  
E = 1.33'  
e = ±2.5% (MATCH EXISTING)  
S.A. = STA 1642+95.99  
TO 1642+35.95  
S.R. = N/A  
P.C. STA = 1642+22.63  
Nt = 1,885,086.40  
Et = 1,175,634.65  
P.T. STA = 1644+21.96  
Nt = 1,885,285.71  
Et = 1,175,634.58



S. LASALLE ST. STA 439+91.07  
W. 33RD STREET  
Nt = 1,883,110.40  
Et = 1,175,928.83

PROP. CURVE B3500  
P.I. STA = 6005+40.21  
Nt = 1,882,580.23  
Et = 1,175,889.72  
Δ = 3° 25' 00" (RT)  
D = 2° 24' 12"  
R = 2,384.00'  
T = 71.10'  
L = 142.16'  
E = 1.06'  
e = 2.7%  
S.A. = STA 6004+53.11  
TO 6004+73.11  
S.R. = STA 6006+07.27  
TO 6006+27.27  
P.C. STA = 6004+69.11  
Nt = 1,882,509.63  
Et = 1,175,898.23  
P.T. STA = 6006+11.27  
Nt = 1,882,651.20  
Et = 1,175,884.43

PROP. CURVE C3100  
P.I. STA = 8005+01.21  
Nt = 1,883,762.40  
Et = 1,175,886.19  
Δ = 1° 25' 45" (LT)  
D = 0° 34' 23"  
R = 10,000.00'  
T = 124.73'  
L = 249.45'  
E = 0.78'  
P.C. STA = 8003+76.48  
Nt = 1,883,637.89  
Et = 1,175,878.68  
P.T. STA = 8006+25.93  
Nt = 1,883,887.05  
Et = 1,175,890.60

S. LASALLE ST. STA 453+20.05  
W. 31ST STREET  
Nt = 1,884,438.84  
Et = 1,175,890.52

- NOTES:
- AVERAGE GRID TO GROUND CONVERSION  
FACTOR = 1.000010988654360
  - FOR BENCH MARK INFORMATION, SEE SHEET ALT-16 OF ALIGNMENT PLAN SHEETS.
  - FOR RAMP P.O.T. INFORMATION, SEE SHEET ALT-16 OF ALIGNMENT PLAN SHEETS.

ALT-04

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
GATEWAY LANDSCAPING & IRRIGATION @ 35TH

ALIGNMENT PLAN

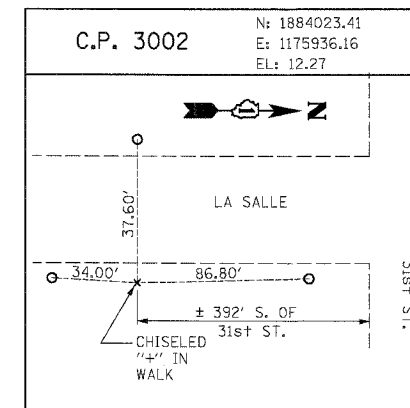
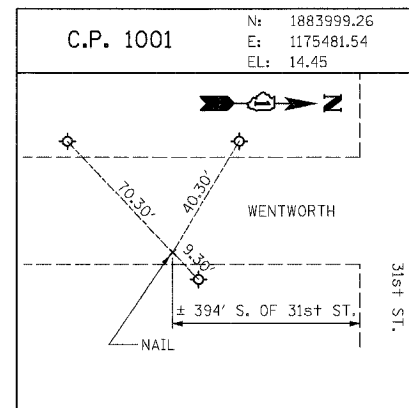
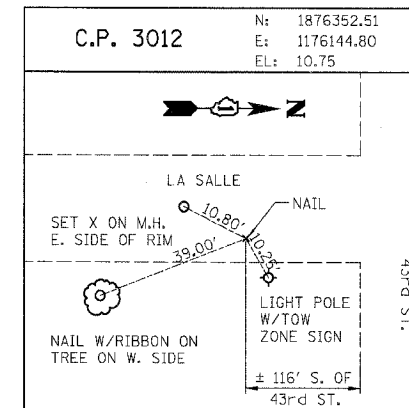
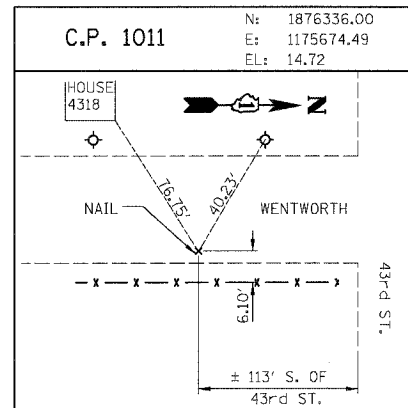
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DATE: 03/13/07  
DRAWN BY: JDC  
CHECKED BY: RS

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7/15/2008 12:12:19 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	38	8
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
60A79			*2005-073 LS	



RAMP P.O.T. COORDINATE INFORMATION

POINT	DESCRIPTION	STATION	NORTH	EAST
BEGIN	RAMP 47A	5060+00.00	1,875,185.77	1,175,764.15
END	RAMP 47A	5074+13.97	1,873,854.99	1,175,322.86
BEGIN	RAMP 47B	6059+26.00	1,874,166.99	1,175,887.94
END	RAMP 47B	6069+64.12	1,875,168.85	1,176,104.15
BEGIN	RAMP 43C	7050+00.00	1,876,238.80	1,175,669.59
END	RAMP 43C	7059+84.92	1,875,259.95	1,175,764.44
BEGIN	RAMP 43D	8051+00.00	1,875,411.12	1,176,092.10
END	RAMP 43D	8059+26.72	1,876,237.16	1,176,124.86
BEGIN	RAMP 43A	5040+09.48	1,877,475.98	1,175,723.30
END	RAMP 43A	5048+39.05	1,876,648.91	1,175,658.90
BEGIN	RAMP 43B	6040+09.40	1,876,652.70	1,176,113.96
END	RAMP 43B	6050+27.76	1,877,664.85	1,176,007.29
BEGIN	RAMP 39D	7040+16.52	1,878,882.40	1,175,597.87
END	RAMP 39D	7050+90.17	1,877,816.27	1,175,715.09
BEGIN	RAMP 39C	8040+00.00	1,877,789.82	1,176,003.91
END	RAMP 39C	8051+05.89	1,878,894.81	1,176,048.24

POINT	DESCRIPTION	STATION	NORTH	EAST
BEGIN	RAMP T35D	7040+08.53	1,880,349.18	1,175,584.62
END	RAMP T35D	7053+38.03	1,879,025.07	1,175,691.43
BEGIN	RAMP T35C	8020+34.46	1,879,121.15	1,175,958.93
END	RAMP T35C	8029+64.40	1,880,049.40	1,176,014.92
BEGIN	RAMP T39A	5020+12.77	1,881,685.70	1,175,610.45
END	RAMP T39A	5028+45.01	1,880,854.96	1,175,560.34
BEGIN	RAMP T39B	6019+89.02	1,880,556.70	1,175,995.95
END	RAMP T39B	6033+30.58	1,881,892.23	1,175,884.04
BEGIN	RAMP 35A	5000+11.94	1,883,011.02	1,175,573.65
END	RAMP 35A	5008+14.74	1,882,209.69	1,175,525.14
BEGIN	RAMP 35B	6000+06.87	1,882,050.72	1,175,953.56
END	RAMP 35B	6009+98.58	1,883,037.81	1,175,862.08
BEGIN	RAMP 31D	6998+80.64	1,884,211.76	1,175,472.66
END	RAMP 31D	7009+73.36	1,883,123.75	1,175,571.65
BEGIN	RAMP 31C	8000+11.68	1,883,273.75	1,175,856.72
END	RAMP 31C	8008+42.54	1,884,103.52	1,175,898.24

BENCH MARK NO. 3524 ELEV. 15.17  
 DESCRIPTION:  
 CROSS CUT ON NORTH FLANGE BOLT OF FIRE HYDRANT AT THE NORTHWEST CORNER OF 31st ST. AND WENTWORTH AVE.

BENCH MARK NO. 3525 ELEV. 16.93  
 DESCRIPTION:  
 CROSS CUT ON NORTHWEST FLANGE BOLT OF FIRE HYDRANT AT THE NORTHWEST CORNER OF 35th ST. AND WENTWORTH AVE.

BENCH MARK NO. 3526 ELEV. 17.37  
 DESCRIPTION:  
 CROSS CUT ON NORTHWEST FLANGE BOLT OF FIRE HYDRANT AT THE WENTWORTH GARDEN OFFICE ALONG THE WEST SIDE OF WENTWORTH AVE.

BENCH MARK NO. 3527 ELEV. 15.63  
 DESCRIPTION:  
 CROSS CUT ON NORTHERLY FLANGE BOLT OF FIRE HYDRANT AT THE NORTHWEST CORNER OF ROOT ST. AND WENTWORTH AVE.

BENCH MARK NO. 3539 ELEV. 13.10  
 DESCRIPTION:  
 CROSS CUT ON EASTERLY BOLT OF LIGHT POLE BASE AT THE SOUTHEAST CORNER OF 43rd ST. AND LA SALLE ST.

BENCH MARK NO. 3540 ELEV. 12.33  
 DESCRIPTION:  
 SQUARE CUT ON THE SOUTHWEST CORNER OF THE TRAFFIC CONTROL BOX AT THE NORTHEAST CORNER OF 39th ST. AND LA SALLE ST.

BENCH MARK NO. 3541 ELEV. 14.78  
 DESCRIPTION:  
 CROSS CUT ON THE SOUTHWEST BOLT OF LIGHT POLE BASE AT THE SOUTH EAST CORNER OF 35th ST. AND LA SALLE ST.

BENCH MARK NO. 3542 ELEV. 13.57  
 DESCRIPTION:  
 CROSS CUT ON THE EASTERLY FLANGE BOLT OF THE FIRE HYDRANT AT THE INTERSECTION OF 31st ST. AND LA SALLE ST.

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 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 GATEWAY LANDSCAPING & IRRIGATION @ 35TH

ALIGNMENT PLAN

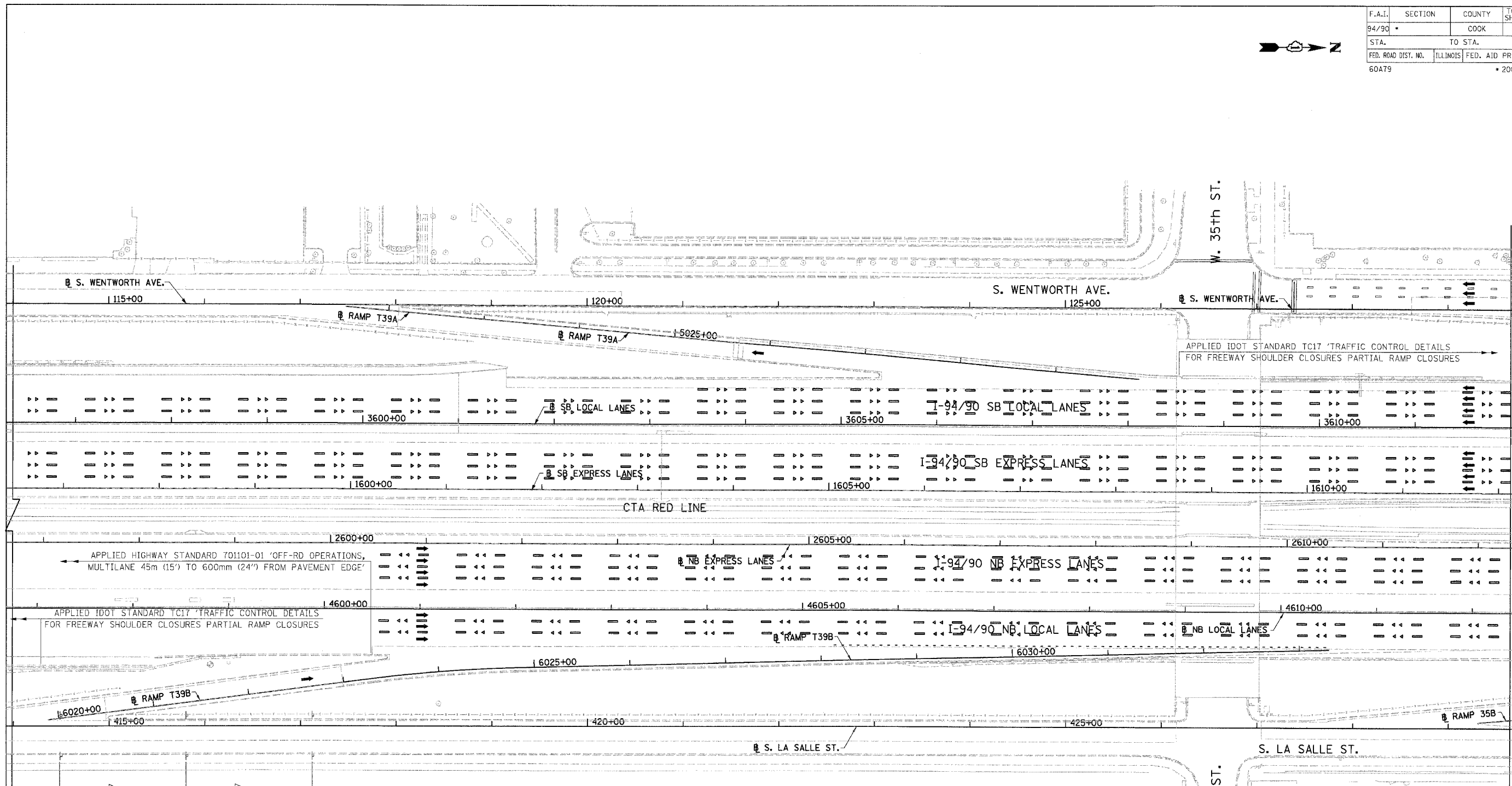
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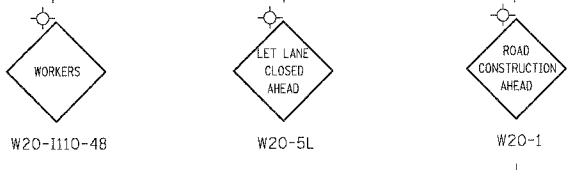
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	38	9
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
60A79		2005-073 LS		



MATCH LINE STA 3612+00



APPLIED HIGHWAY STANDARD 701601-04  
'URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN'

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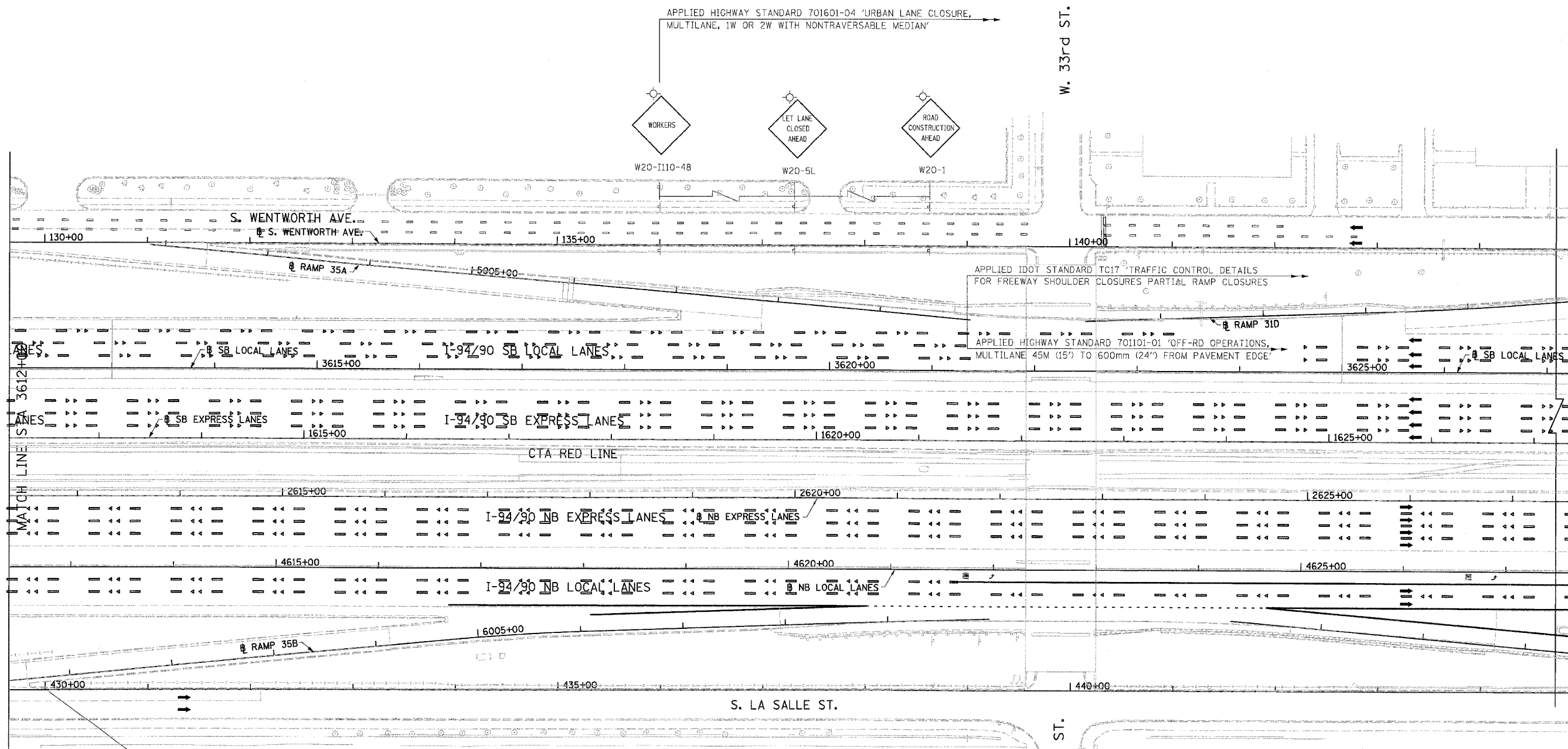
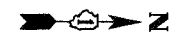
REVISIONS	
NAME	DATE

MOT-01  
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
GATEWAY LANDSCAPING & IRRIGATION @ 35TH  
MAINTENANCE OF TRAFFIC  
SCALE: 1"=50  
DATE: 03/13/07  
DRAWN BY: RA  
CHECKED BY: RS

MOT-01-09

3/15/2008 12:25:45 AM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	38	10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
60A79		2005-073 LS		



APPLIED HIGHWAY STANDARD 701601-04 'URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN'

APPLIED IDOT STANDARD TC17 'TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES PARTIAL RAMP CLOSURES'

APPLIED HIGHWAY STANDARD 701101-01 'OFF-RD OPERATIONS, MULTILANE 45M (15') TO 600mm (24") FROM PAVEMENT EDGE'

APPLIED IDOT STANDARD TC17 'TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES PARTIAL RAMP CLOSURES'

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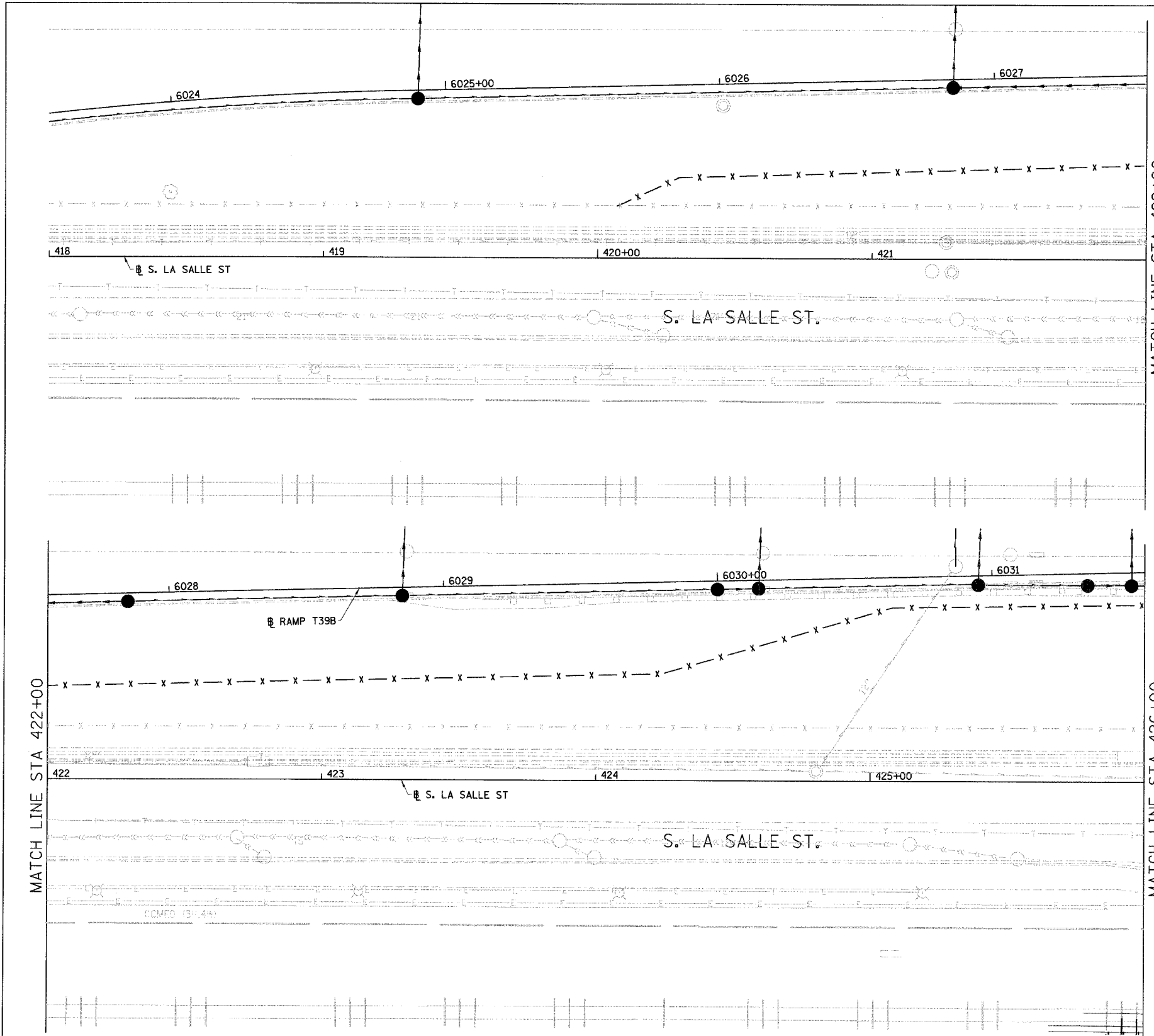
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
GATEWAY LANDSCAPING & IRRIGATION @ 35TH  
MAINTENANCE OF TRAFFIC

SCALE: 1"=50  
DATE: 03/13/07  
DRAWN BY: RA  
CHECKED BY: RS

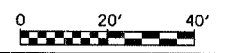
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1/28/08 AM  
3/15/2008

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	38	11
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
60A79				* 2005-073 LS



LEGEND:

- x - x - CHAIN LINK FENCE, 4' (SPECIAL)



EX-1

REVISIONS NAME	DATE

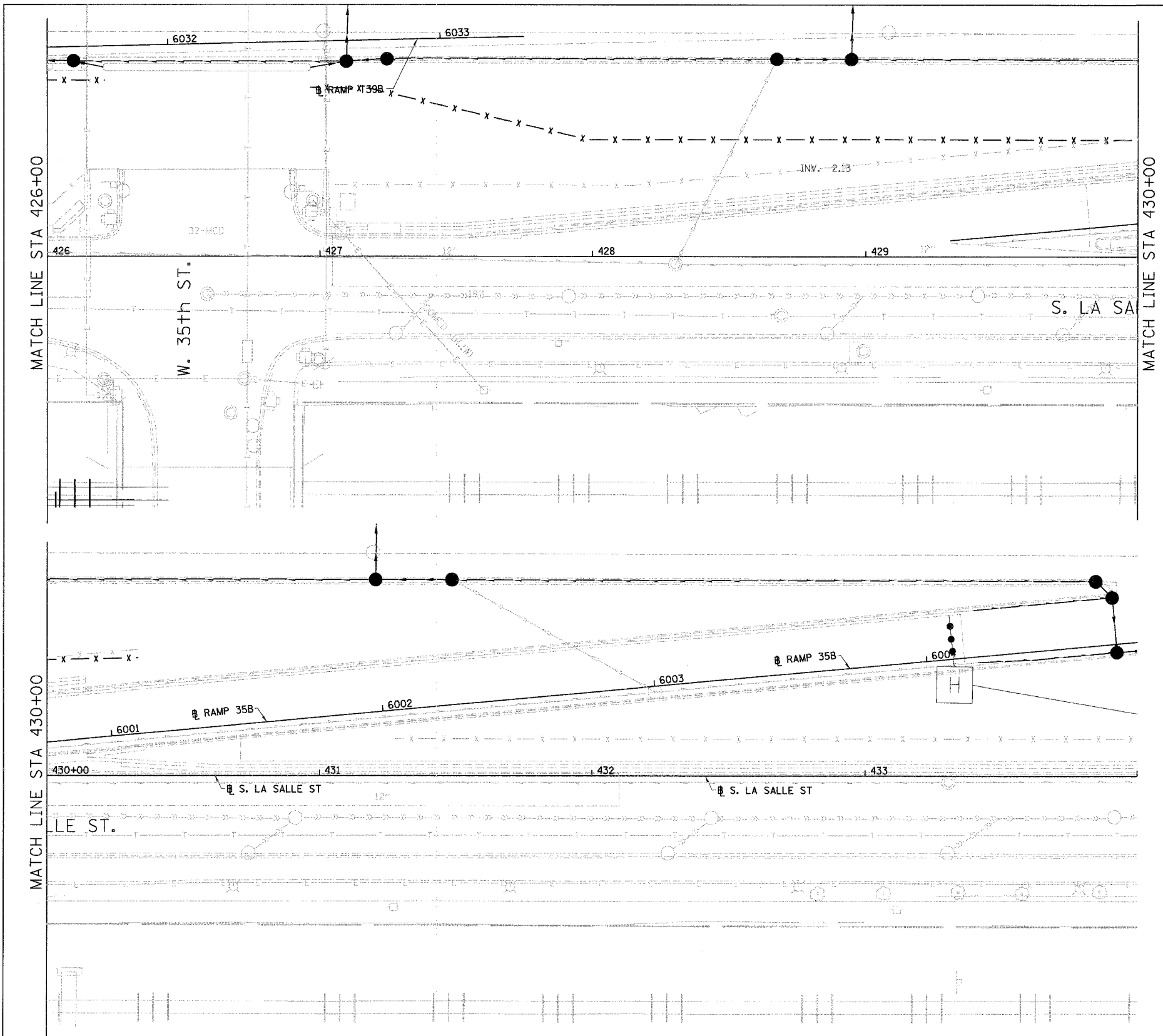
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 GATEWAY LANDSCAPING & IRRIGATION @ 35TH  
 LA SALLE STREET  
 EXISTING CONDITIONS  
 SCALE: 1"=20'  
 DATE: 03/13/07

DRAWN BY: JDC  
 CHECKED BY: DDM

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3/19/2008 6:12:47 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	38	12
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
60A79		2005-073 LS		



LEGEND:  
 - x - x - CHAIN LINK FENCE, 4' (SPECIAL)

MATCH LINE STA 426+00

MATCH LINE STA 430+00

MATCH LINE STA 430+00

LE ST.

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REVISIONS	
NAME	DATE

0 20' 40'

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 GATEWAY LANDSCAPING & IRRIGATION @ 35TH

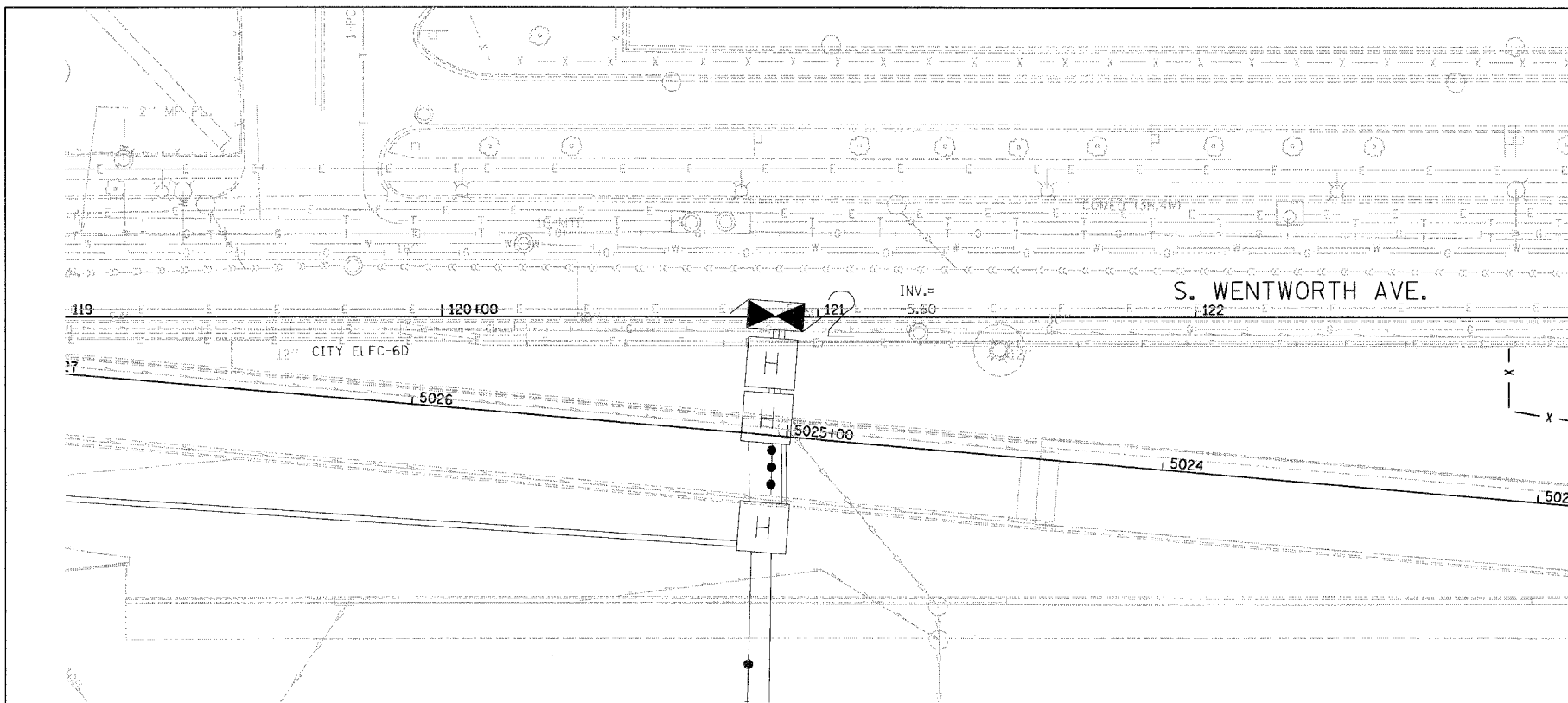
LA SALLE STREET  
 EXISTING CONDITIONS

SCALE: 1"=20'  
 DATE: 03/13/07

DRAWN BY: JDC  
 CHECKED BY: DDM

EX-2  
 6/3/05 PM  
 3/19/2006

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	38	13
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
60A79		2005-073 LS		

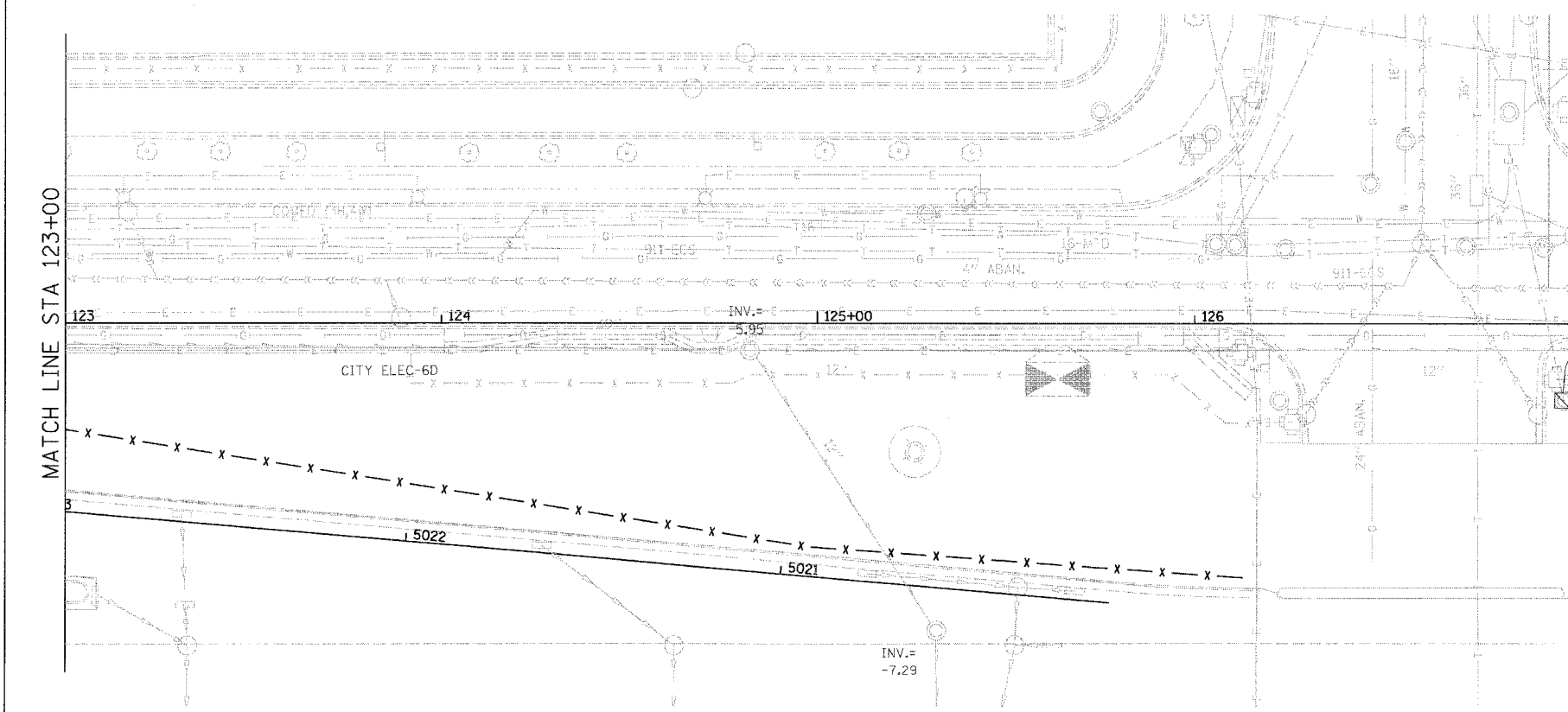


MATCH LINE STA 123+00



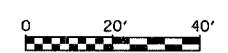
LEGEND:

- x - x - CHAIN LINK FENCE, 4' (SPECIAL)



MATCH LINE STA 123+00

MATCH LINE STA 127+00



EX-1

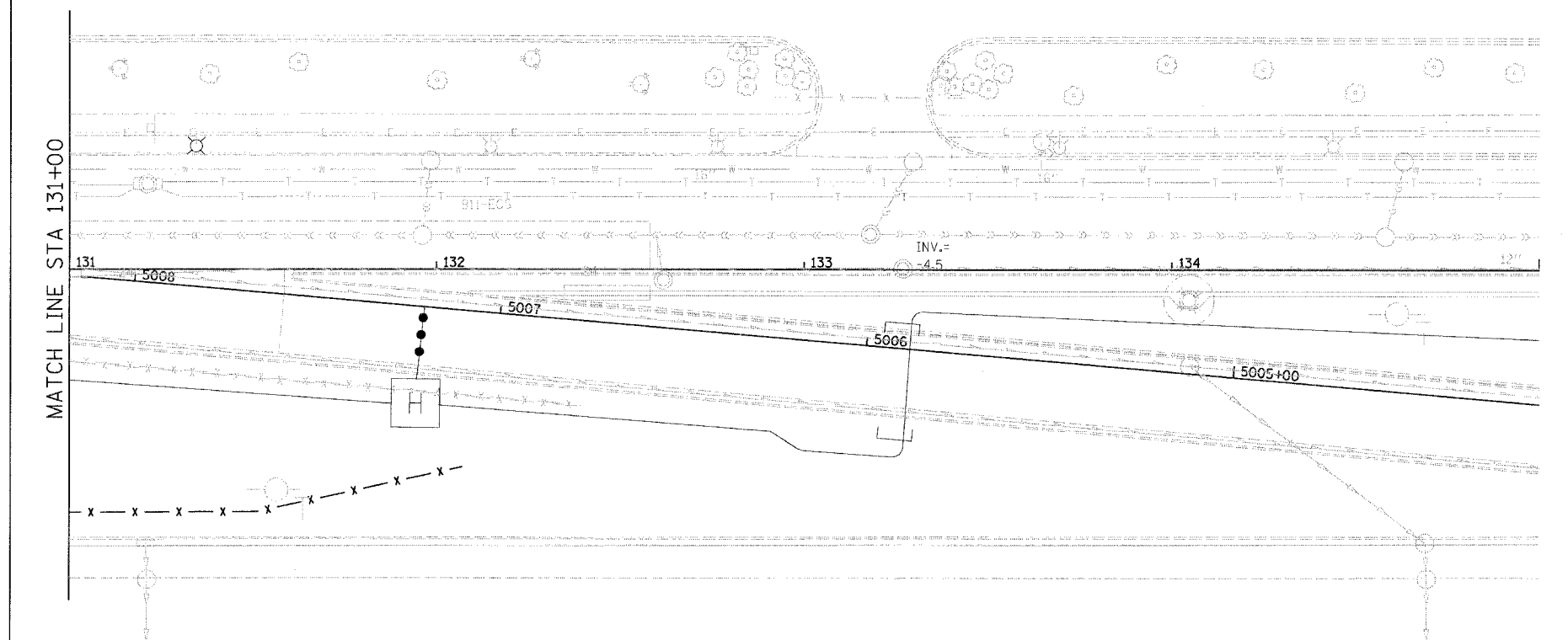
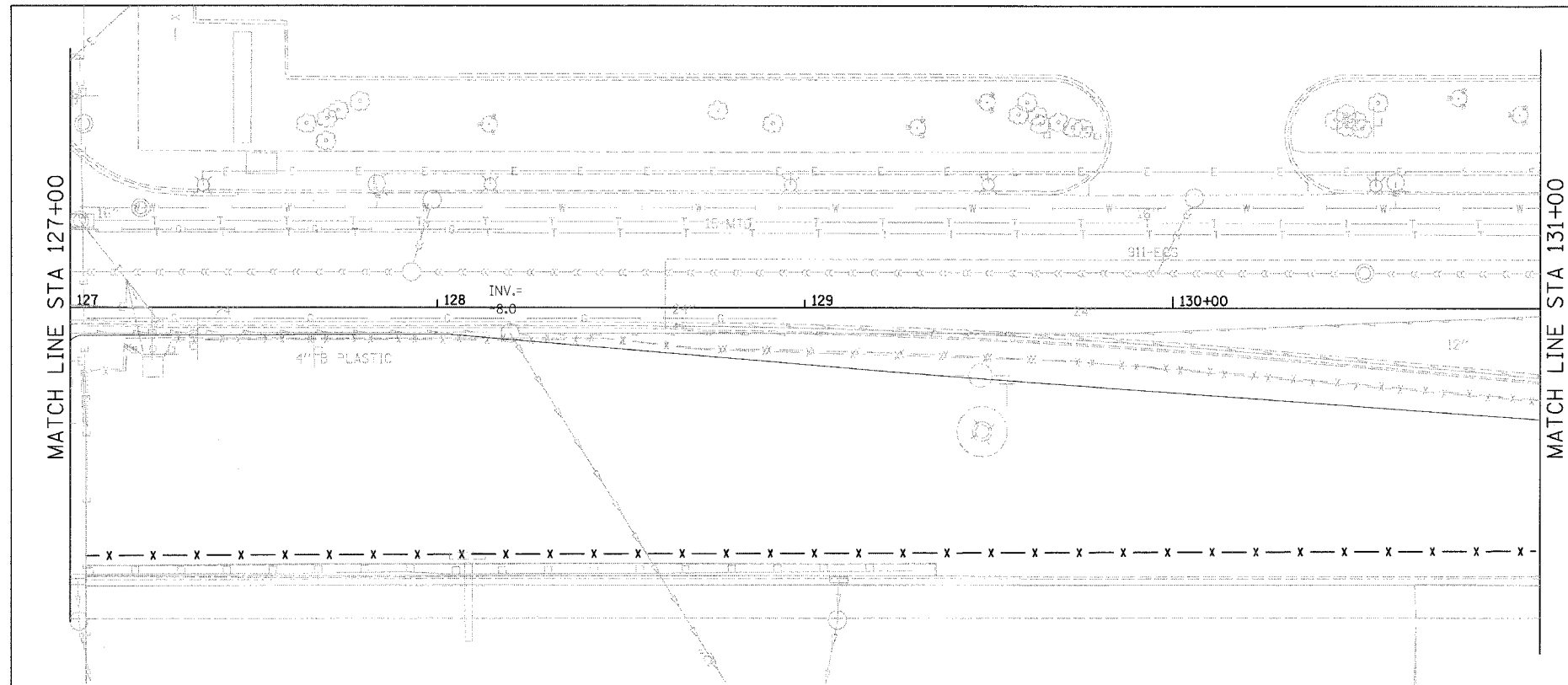
BOWMAN, BARRETT & ASSOCIATES INC.  
CONSULTING ENGINEERS  
Chicago, Illinois  
312.228.0100  
www.bbandainc.com

REVISIONS	
NAME	DATE

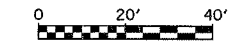
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
GATEWAY LANDSCAPING & IRRIGATION @ 35TH  
  
WENTWORTH AVE  
EXISTING CONDITIONS  
  
SCALE: 1"=20'  
DATE: 03/13/07  
DRAWN BY: JDC  
CHECKED BY: DDM

3/19/2008 6:17:36 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	38	14
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
60A79		• 2005-073 LS		



LEGEND:  
 - x - x - CHAIN LINK FENCE, 4' (SPECIAL)



EX-2

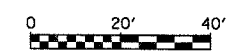
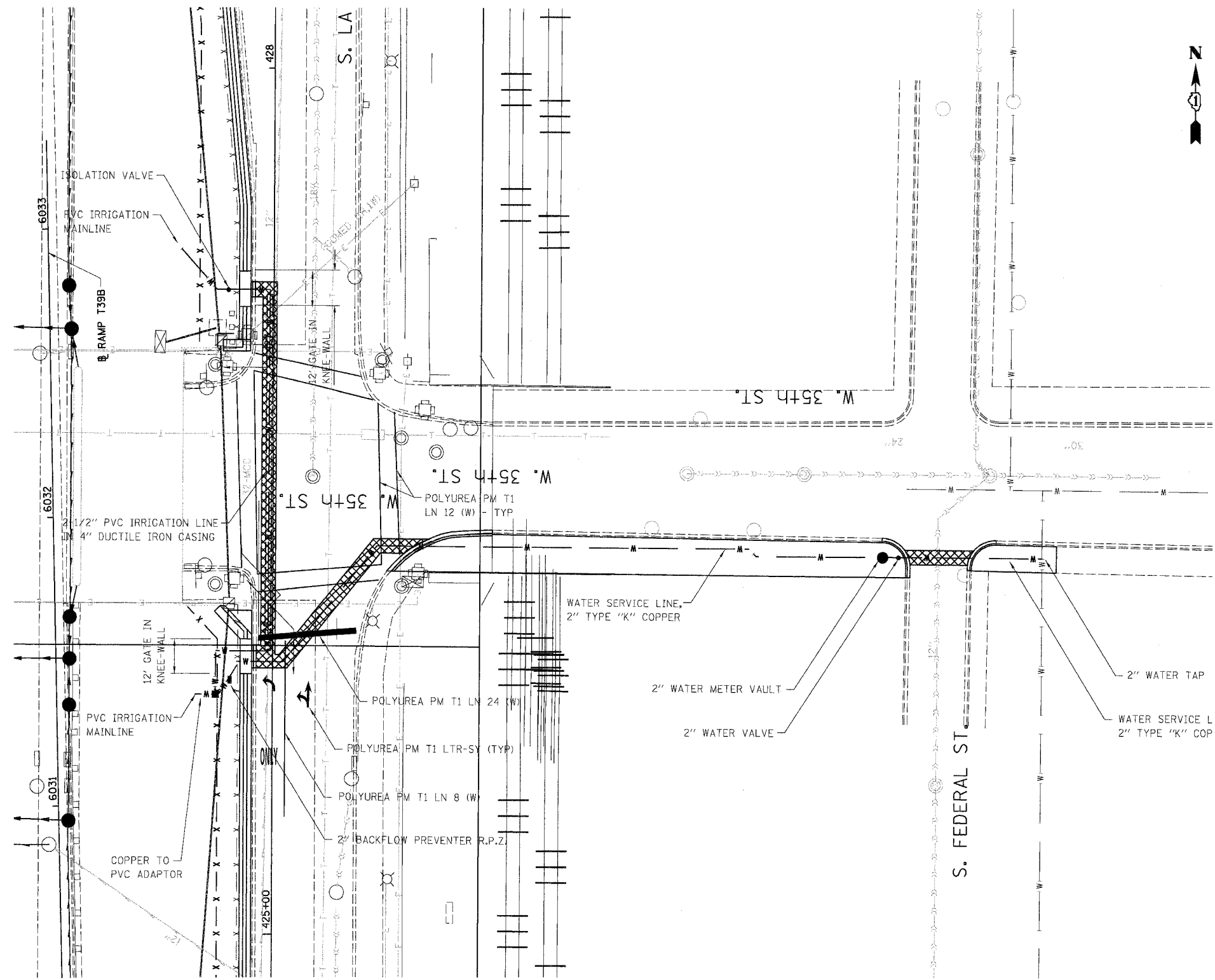
BOWMAN, BARRETT & ASSOCIATES INC.  
 CONSULTING ENGINEERS  
 Chicago, Illinois  
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NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 GATEWAY LANDSCAPING & IRRIGATION @ 35TH  
 WENTWORTH AVE  
 EXISTING CONDITIONS  
 SCALE: 1"=20'  
 DATE: 03/13/07  
 DRAWN BY: JDC  
 CHECKED BY: DDM

3/19/2008 6:17:58 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	38	15
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
60A79				2005-073 LS



PL-1

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 GATEWAY LANDSCAPING & IRRIGATION @ 35TH

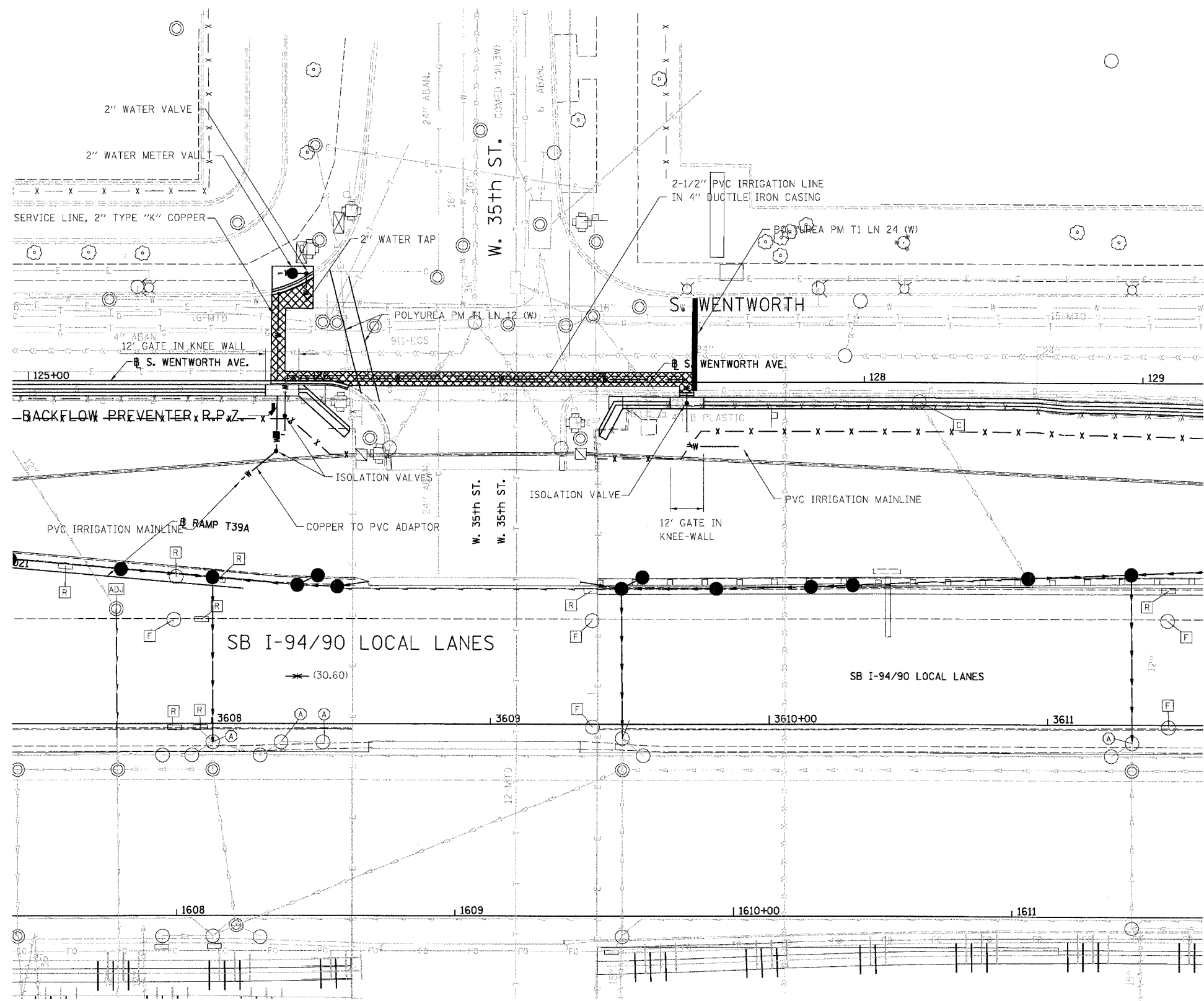
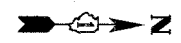
**LA SALLE STREET**  
**WATER SERVICE LINE PLAN**

SCALE: 1"=20'  
 DATE: 03/13/07

DRAWN BY: JDC  
 CHECKED BY: DDM

12/31/2008 AM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	38	16
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
60A79		•2005-073 LS		



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NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
GATEWAY LANDSCAPING & IRRIGATION @ 35TH

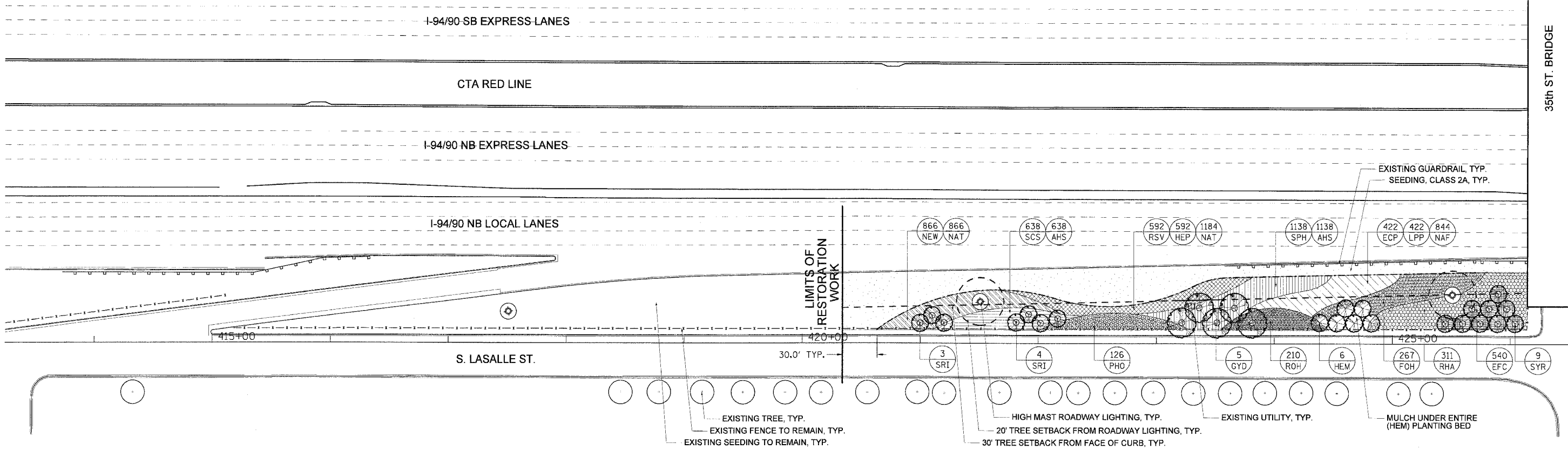
**WENTWORTH AVENUE**  
**WATER SERVICE LINE PLAN**

SCALE: 1"=20'  
DATE: 03/13/07

DRAWN BY: JDC  
CHECKED BY: DDM

PL-1  
12.35.48 AM  
3/15/2008

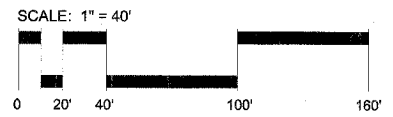




1

**35TH ST. GATEWAY LANDSCAPE PLAN - SE QUADRANT**

SCALE: 1"=40'



**35th ST. GATEWAY LANDSCAPE PLANT LIST - SE QUADRANT**

KEY	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY	SPACING	NOTES
<b>SHADE TREES</b>						
GYD	GYMNOCLADUS DIOICA	KENTUCKY COFFEE TREE	10' HT.	5	ON PLANS	CLUMP FORM B/B
<b>ORNAMENTAL TREES</b>						
SRI	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	10' HT.	7	ON PLANS	HEAVY CLUMP B/B
SYR	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	2.5" CAL.	9	ON PLANS	B/B
<b>SHRUBS</b>						
FOH	FORSYTHIA X INTERMEDIA 'HAPPY CENTENNIAL'	HAPPY CENTENNIAL FORSYTHIA	18" HT. 5 GAL.	267	36" O.C.	
HEM	HEPTACODIUM MICONIODES	SEVEN-SON FLOWER	8" HT.	6	ON PLANS	HEAVY CLUMP B/B
PHO	PHYSOCARPUS OPULIFOLIUS 'SUMMER WINE'	SUMMER WINE COMMON NINEBARK	2 1/2' HT. 5 GAL.	126	42" O.C.	
RHA	RHUS COPALLINA LATIFOLIA 'MORTON'	PRAIRIE FLAME SUMAC	3' HT. 5 GAL.	311	36" O.C.	
ROH	ROSA 'KNOCKOUT'	KNOCKOUT SHRUB ROSE	3 GAL.	210	30" O.C.	
<b>ORNAMENTAL GRASSES</b>						
SCS	SCHIZACHRIUM SCOPARIUM 'CAROUSEL'	CAROUSEL LITTLE BLUESTEM	1 GAL.	638	18" O.C.	
SPH	SPOROBOLUS HETEROLEPSIS	PRAIRIE DROPSEED	1 GAL.	1138	18" O.C.	
<b>PERENNIALS</b>						
ECP	ECHINACEA PURPUREA 'FATAL ATTRACTION'	FATAL ATTRACTION PURPLE CONEFLOWER	1 GAL.	422	18" O.C.	
HEP	HEMEROCALLIS 'PARDON ME'	PARDON ME DAYLILY	1 GAL.	592	15" O.C.	
LPP	LIATRIS PYCNOSTACHYA	PRAIRIE BLAZING STAR	1 GAL.	422	18" O.C.	
NEW	NEPETA X FAASSENNII 'WALKER'S LOW'	WALKER'S LOW CATMINT	1 GAL.	866	18" O.C.	
RSV	RUDBECKIA SPECIOSA 'VIETTE'S LITTLE SUZY'	DWARF BLACK-EYED SUSAN	1 GAL.	592	15" O.C.	
<b>GROUND COVER</b>						
EFC	EUONYMUS FORTUNEI 'COLORATUS'	PURPLE LEAF WINTERCREEPER	1 QT.	540	18" O.C.	
<b>BULBS</b>						
AHS	ALLIUM HOLLANDICUM 'SENSATION'	ORNAMENTAL ONION	TOP SIZE	1776	INTERPLANT W/ GRASSES	
NAF	NARCISSUS 'FORTISSIMO'	FORTISSIMO DAFFODIL	TOP SIZE	844	INTERPLANT W/ PER.	
NAT	NARCISSUS 'TETE A TETE'	TETE A TETE DAFFODIL	TOP SIZE	2050	INTERPLANT W/ PER.	
<b>LANDSCAPE MATERIALS</b>						
	SOIL CONDITIONER		SY	2180		
	SEEDING, CLASS 2A		ACRE	0.27		

- GENERAL NOTES:**
- SEE SHEET L-05 FOR LAYOUT PLAN.
  - SEE SHEET L-07 FOR IRRIGATION PLAN.
  - SEE SHEET L-08 FOR LANDSCAPE DETAILS.
  - SEE SHEET L-09 FOR OVERALL PLANT LIST.
  - THE LOCATION OF ALL PLANT MATERIAL SHALL BE STAKED BY CONTRACTOR FOR APPROVAL BY ENGINEER IN FIELD, PRIOR TO INSTALLATION. INDIVIDUAL TREES SHALL BE STAKED WITH IDENTITIES WRITTEN ON STAKES. SHRUB BEDS SHALL BE OUTLINED WITH STAKES AND PAINTED LINES.
  - ALL ROADWAY, SEWER, ELECTRICAL AND OTHER UTILITY WORK (EXCEPT FOR IRRIGATION) SHALL BE CONSTRUCTED BY OTHERS. ADJUSTMENTS TO INSTALLED UTILITIES MAY HAVE BEEN MADE DURING CONSTRUCTION THAT ARE NOT INDICATED ON THESE PLANS. CONTRACTOR SHALL COORDINATE LANDSCAPE AND IRRIGATION WORK WITH WORK BY OTHER CONTRACTORS AND SHALL NOTIFY ENGINEER OF POTENTIAL CONFLICTS. CONTRACTOR SHALL PROTECT ALL UTILITIES AND OTHER FACILITIES, NEW AND EXISTING, DURING THE COURSE OF INSTALLATION OF THE LANDSCAPE AND IRRIGATION SYSTEMS. REPAIRS SHALL BE PERFORMED BY THE CONTRACTOR AT NO ADDITIONAL COST TO IDOT OR CDOT.
  - NO STOCK-PILING OR STAGING ALLOWED ON CHICAGO PARKWAYS.

L-01

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**35th ST. GATEWAY LANDSCAPE PLAN**

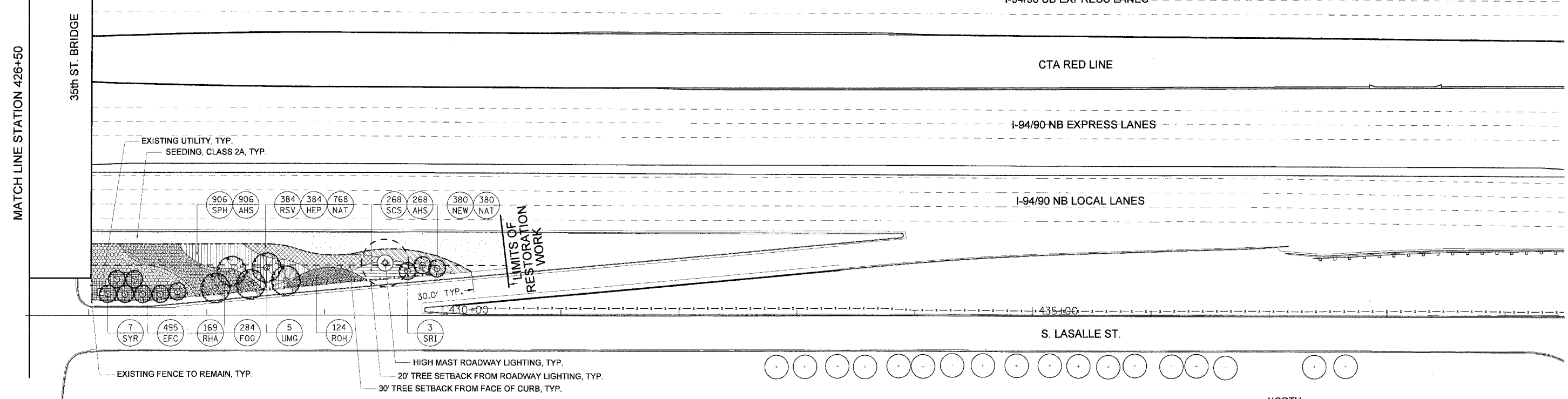
STA. 420+00 TO STA. 426+50

SCALE: 1"=40'

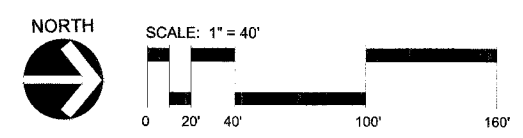
DATE: MAR 13, 2008

DRAWN BY: RPS

CHECKED BY: JAE



**2** 35th ST. GATEWAY LANDSCAPE PLAN - NE QUADRANT  
SCALE: 1"=40'



**35th ST. GATEWAY LANDSCAPE PLANT LIST - NE QUADRANT**

KEY	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY	SPACING	NOTES
<b>SHADE TREES</b>						
UMG	ULMUS J X W 'MORTON GLOSSY'	TRIUMPH ELM	3" CAL.	5	ON PLANS	B/B
<b>ORNAMENTAL TREES</b>						
SRI	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	10' HT.	3	ON PLANS	HEAVY CLUMP B/B
SYR	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	2.5" CAL.	7	ON PLANS	B/B
<b>SHRUBS</b>						
FOG	FORSYTHIA X INTERMEDIA 'COURTACOUR'	GOLDLOCKS FORSYTHIA	18" HT. 5 GAL.	284	36" O.C.	
RHA	RHUS COPALLINA LATIFOLIA 'MORTON'	PRAIRIE FLAME SUMAC	3' HT. 5 GAL.	169	36" O.C.	
ROH	ROSA 'KNOCKOUT'	KNOCKOUT SHRUB ROSE	3 GAL.	124	30" O.C.	
<b>ORNAMENTAL GRASSES</b>						
SCS	SCHIZACHRIUM SCOPARIUM 'CAROUSEL'	CAROUSEL LITTLE BLUESTEM	1 GAL.	268	18" O.C.	
SPH	SPOROBOLUS HETEROLEPSIS	PRAIRIE DROPSEED	1 GAL.	906	18" O.C.	
<b>PERENNIALS</b>						
HEP	HEMEROCALLIS 'PARDON ME'	PARDON ME DAYLILY	1 GAL.	384	15" O.C.	
NEW	NEPETA X FAASSENNII 'WALKER'S LOW'	WALKER'S LOW CATMINT	1 GAL.	380	18" O.C.	
RSV	RUDBECKIA SPECIOSA 'VIETTE'S LITTLE SUSY'	DWARF BLACK-EYED SUSAN	1 GAL.	384	15" O.C.	
<b>GROUND COVER</b>						
EFC	EUONYMUS FORTUNEI 'COLORATUS'	PURPLE LEAF WINTERCREEPER	1 QT.	495	18" O.C.	
<b>BULBS</b>						
AHS	ALLIUM HOLLANDICUM 'SENSATION'	ORNAMENTAL ONION	TOP SIZE	1174	INTERPLANT W/ GRASSES	
NAT	NARCISSUS 'TETE A TETE'	TETE A TETE DAFFODIL	TOP SIZE	1148	INTERPLANT W/ PER.	
<b>LANDSCAPE MATERIALS</b>						
	SOIL CONDITIONER		SY	1205		
	SEEDING, CLASS 2A		ACRE	0.13		

- GENERAL NOTES:**
- SEE SHEET L-05 FOR LAYOUT PLAN.
  - SEE SHEET L-07 FOR IRRIGATION PLAN.
  - SEE SHEET L-08 FOR LANDSCAPE DETAILS.
  - SEE SHEET L-09 FOR OVERALL PLANT LIST.
  - THE LOCATION OF ALL PLANT MATERIAL SHALL BE STAKED BY CONTRACTOR FOR APPROVAL BY ENGINEER IN FIELD, PRIOR TO INSTALLATION. INDIVIDUAL TREES SHALL BE STAKED WITH IDENTITIES WRITTEN ON STAKES. SHRUB BEDS SHALL BE OUTLINED WITH STAKES AND PAINTED LINES.
  - ALL ROADWAY, SEWER, ELECTRICAL AND OTHER UTILITY WORK (EXCEPT FOR IRRIGATION) SHALL BE CONSTRUCTED BY OTHERS. ADJUSTMENTS TO INSTALLED UTILITIES MAY HAVE BEEN MADE DURING CONSTRUCTION THAT ARE NOT INDICATED ON THESE PLANS. CONTRACTOR SHALL COORDINATE LANDSCAPE AND IRRIGATION WORK WITH WORK BY OTHER CONTRACTORS AND SHALL NOTIFY ENGINEER OF POTENTIAL CONFLICTS. CONTRACTOR SHALL PROTECT ALL UTILITIES AND OTHER FACILITIES, NEW AND EXISTING, DURING THE COURSE OF INSTALLATION OF THE LANDSCAPE AND IRRIGATION SYSTEMS. REPAIRS SHALL BE PERFORMED BY THE CONTRACTOR AT NO ADDITIONAL COST TO IDOT OR CDOT.
  - NO STOCK-PILING OR STAGING ALLOWED ON CHICAGO PARKWAYS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

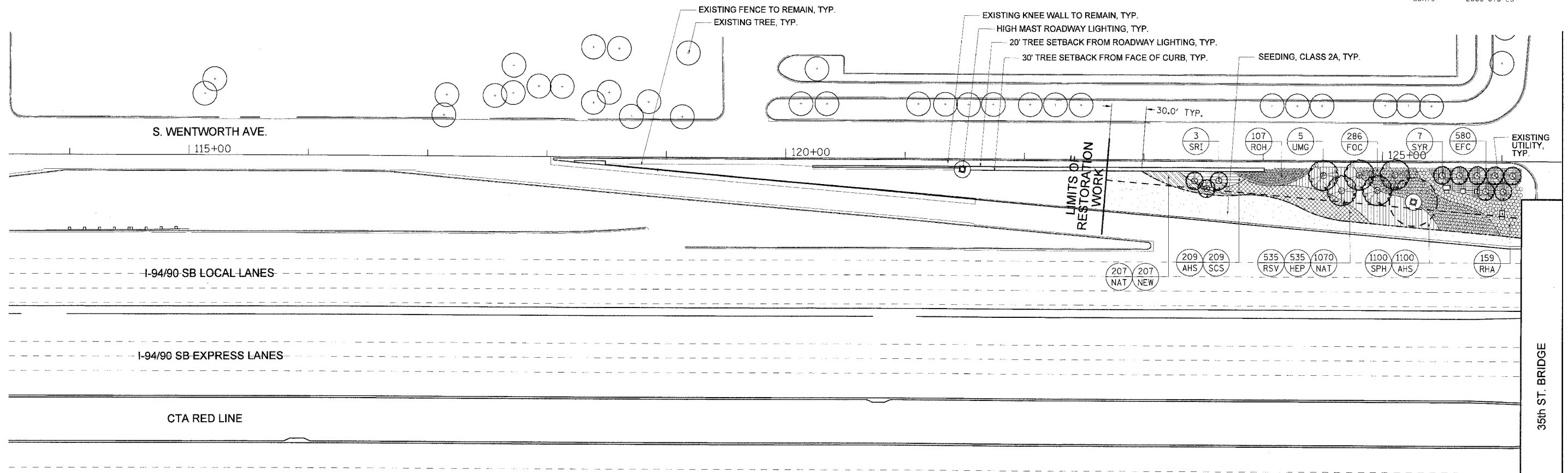
**35th ST. GATEWAY LANDSCAPE PLAN**

STA. 426+50 TO STA. 430+50

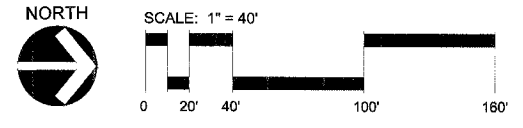
SCALE: 1"=40'

DATE: MAR 13, 2008

DRAWN BY: RPS  
CHECKED BY: JAE



**3** 35th ST. GATEWAY LANDSCAPE PLAN - SW QUADRANT  
SCALE: 1"=40'



**35th ST. GATEWAY LANDSCAPE PLANT LIST - SW QUADRANT**

KEY	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY	SPACING	NOTES
<b>SHADE TREES</b>						
UMG	ULMUS J X W 'MORTON GLOSSY'	TRIUMPH ELM	3" CAL.	5	ON PLANS	CLUMP FORM B/B
<b>ORNAMENTAL TREES</b>						
SRI	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	10' HT.	3	ON PLANS	HEAVY CLUMP B/B
SYR	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	2.5" CAL.	7	ON PLANS	B/B
<b>SHRUBS</b>						
FOC	FORSYTHIA X INTERMEDIA 'COURDIJAU'	GOLDEN PEEP FORSYTHIA	18" HT. 5 GAL.	286	36" O.C.	
RHA	RHUS COPALLINA LATIFOLIA 'MORTON'	PRAIRIE FLAME SUMAC	3' HT. 5 GAL.	159	36" O.C.	
ROH	ROSA 'KNOCKOUT'	KNOCKOUT SHRUB ROSE	3 GAL.	107	30" O.C.	
<b>ORNAMENTAL GRASSES</b>						
SCS	SCHIZACHRUM SOCPARIUM 'CAROUSEL'	CAROUSEL LITTLE BLUESTEM	1 GAL.	209	18" O.C.	
SPH	SPORABOLUS HETEROLEPSIS	PRAIRIE DROPSEED	1 GAL.	1100	18" O.C.	
<b>PERENNIALS</b>						
HEP	HEMEROCALLIS 'PARDON ME'	PARDON ME DAYLILY	1 GAL.	535	15" O.C.	
NEW	NEPETA X FAASSENII 'WALKER'S LOW'	WALKER'S LOW CATMINT	1 GAL.	207	18" O.C.	
RSV	RUDBECKIA SPECIOSA 'VIETTE'S LITTLE SUZY'	DWARF BLACK-EYED SUSAN	1 GAL.	535	15" O.C.	
<b>GROUND COVER</b>						
EFC	EUONYMUS FORTUNEI 'COLORATUS'	PURPLE LEAF WINTERCREEPER	1 QT.	580	18" O.C.	
<b>BULBS</b>						
AHS	ALLIUM HOLLANDICUM 'SENSATION'	ORNAMENTAL ONION	TOP SIZE	1309	INTERPLANT W/ GRASSES	
NAT	NARCISSUS 'TETE A TETE'	TETE A TETE DAFFODIL	TOP SIZE	1277	INTERPLANT W/ PER.	
<b>LANDSCAPE MATERIALS</b>						
	SOIL CONDITIONER		SY	1260		
	SEEDING, CLASS 2A		ACRE	0.14		

- GENERAL NOTES:**
- SEE SHEET L-06 FOR LAYOUT PLAN.
  - SEE SHEET L-07 FOR IRRIGATION PLAN.
  - SEE SHEET L-08 FOR LANDSCAPE DETAILS.
  - SEE SHEET L-09 FOR OVERALL PLANT LIST.
  - THE LOCATION OF ALL PLANT MATERIAL SHALL BE STAKED BY CONTRACTOR FOR APPROVAL BY ENGINEER IN FIELD, PRIOR TO INSTALLATION. INDIVIDUAL TREES SHALL BE STAKED WITH IDENTITIES WRITTEN ON STAKES. SHRUB BEDS SHALL BE OUTLINED WITH STAKES AND PAINTED LINES.
  - ALL ROADWAY, SEWER, ELECTRICAL AND OTHER UTILITY WORK (EXCEPT FOR IRRIGATION) SHALL BE CONSTRUCTED BY OTHERS. ADJUSTMENTS TO INSTALLED UTILITIES MAY HAVE BEEN MADE DURING CONSTRUCTION THAT ARE NOT INDICATED ON THESE PLANS. CONTRACTOR SHALL COORDINATE LANDSCAPE AND IRRIGATION WORK WITH WORK BY OTHER CONTRACTORS AND SHALL NOTIFY ENGINEER OF POTENTIAL CONFLICTS. CONTRACTOR SHALL PROTECT ALL UTILITIES AND OTHER FACILITIES, NEW AND EXISTING, DURING THE COURSE OF INSTALLATION OF THE LANDSCAPE AND IRRIGATION SYSTEMS. REPAIRS SHALL BE PERFORMED BY THE CONTRACTOR AT NO ADDITIONAL COST TO IDOT OR CDOT.
  - NO STOCK-PILING OR STAGING ALLOWED ON CHICAGO PARKWAYS.

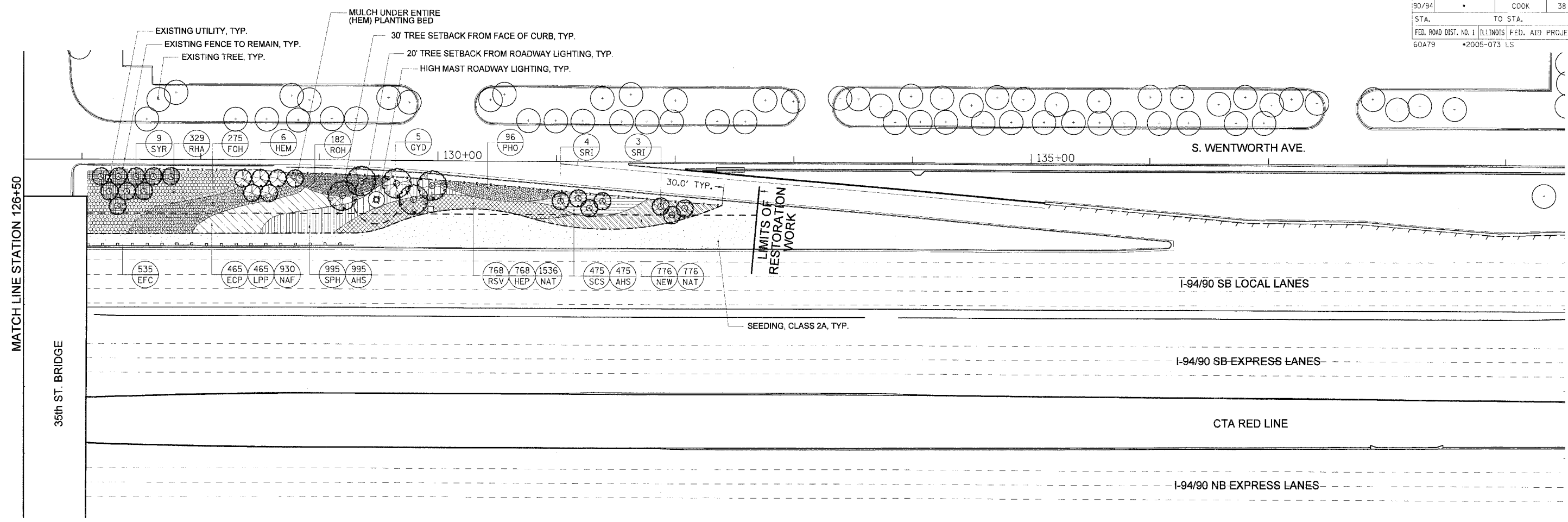
L-03

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE		

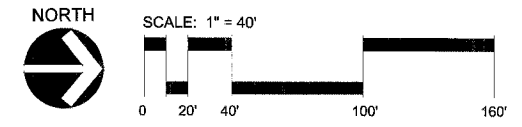
**35th ST. GATEWAY LANDSCAPE PLAN**  
STA. 122+50 TO STA. 126+50

SCALE: 1"=40'      DRAWN BY: RPS  
DATE: MAR 13, 2008      CHECKED BY: JAE

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**4** 35th ST. GATEWAY LANDSCAPE PLAN - NW QUADRANT  
SCALE: 1"=40'



**35th ST. GATEWAY LANDSCAPE PLANT LIST - NW QUADRANT**

KEY	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY	SPACING	NOTES
<b>SHADE TREES</b>						
GYD	GYMNOCLADUS DIOICA	KENTUCKY COFFEE TREE	10' HT.	5	ON PLANS	CLUMP FOR B/B
<b>ORNAMENTAL TREES</b>						
SRI	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	10' HT.	7	ON PLANS	HEAVY CLUMP B/B
SYR	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	2.5' CAL.	9	ON PLANS	B/B
<b>SHRUBS</b>						
FOH	FORSYTHIA X INTERMEDIA 'HAPPY CENTENNIAL'	HAPPY CENTENNIAL FORSYTHIA	18" HT. 5 GAL.	275	36" O.C.	
HEM	HEPTACODIUM MICONIODES	SEVEN-SON FLOWER	8' HT.	6	ON PLANS	HEAVY CLUMP B/B
PHO	PHYSOCARPUS OPULIFOLIUS 'SUMMER WINE'	SUMMER WINE COMMON NINEBARK	2 1/2' HT. 5 GAL.	96	42" O.C.	
RHA	RHUS COPALLINA LATIFOLIA 'MORTON'	PRAIRIE FLAME SUMAC	3' HT. 5 GAL.	329	36" O.C.	
ROH	ROSA 'KNOCKOUT'	KNOCKOUT SHRUB ROSE	3 GAL.	182	30" O.C.	
<b>ORNAMENTAL GRASSES</b>						
SCS	SCHIZACHRIUM SCOPARIUM 'CAROUSEL'	CAROUSEL LITTLE BLUESTEM	1 GAL.	475	18" O.C.	
SPH	SPOROBOLUS HETEROLEPSIS	PRAIRIE DROPSEED	1 GAL.	995	18" O.C.	
<b>PERENNIALS</b>						
ECP	ECHINACEA PURPUREA 'FATAL ATTRACTION'	FATAL ATTRACTION PURPLE CONEFLOWER	1 GAL.	465	18" O.C.	
HEP	HEMEROCALLIS 'PARDON ME'	PARDON ME DAYLILY	1 GAL.	768	15" O.C.	
LPP	LIATRIS PYCNOSTACHYA	PRAIRIE BLAZING STAR	1 GAL.	465	18" O.C.	
NEW	NEPETA X FAASSENII 'WALKER'S LOW'	WALKER'S LOW CATMINT	1 GAL.	776	18" O.C.	
RSV	RUDBECKIA SPECIOSA 'VIETTE'S LITTLE SUZY'	DWARF BLACK-EYED SUSAN	1 GAL.	768	15" O.C.	
<b>GROUND COVER</b>						
EFC	EUONYMUS FORTUNEI 'COLORATUS'	PURPLE LEAF WINTERCREEPER	1 QT.	535	18" O.C.	
<b>BULBS</b>						
AHS	ALLIUM HOLLANDICUM 'SENSATION'	ORNAMENTAL ONION	TOP SIZE	1470	INTERPLANT W/ GRASSES	
NAF	NARCISSUS 'FORTISSIMO'	FORTISSIMO DAFFODIL	TOP SIZE	930	INTERPLANT W/ PER.	
NAT	NARCISSUS 'TETE A TETE'	TETE A TETE DAFFODIL	TOP SIZE	2312	INTERPLANT W/ PER.	
<b>LANDSCAPE MATERIALS</b>						
	SOIL CONDITIONER		SY	2180		
	SEEDING, CLASS 2A		ACRE	0.25		

**GENERAL NOTES:**

- SEE SHEET L-06 FOR LAYOUT PLAN.
- SEE SHEET L-07 FOR IRRIGATION PLAN.
- SEE SHEET L-08 FOR LANDSCAPE DETAILS.
- SEE SHEET L-09 FOR OVERALL PLANT LIST.
- THE LOCATION OF ALL PLANT MATERIAL SHALL BE STAKED BY CONTRACTOR FOR APPROVAL BY ENGINEER IN FIELD, PRIOR TO INSTALLATION. INDIVIDUAL TREES SHALL BE STAKED WITH IDENTITIES WRITTEN ON STAKES. SHRUB BEDS SHALL BE OUTLINED WITH STAKES AND PAINTED LINES.
- ALL ROADWAY, SEWER, ELECTRICAL AND OTHER UTILITY WORK (EXCEPT FOR IRRIGATION) SHALL BE CONSTRUCTED BY OTHERS. ADJUSTMENTS TO INSTALLED UTILITIES MAY HAVE BEEN MADE DURING CONSTRUCTION THAT ARE NOT INDICATED ON THESE PLANS. CONTRACTOR SHALL COORDINATE LANDSCAPE AND IRRIGATION WORK WITH WORK BY OTHER CONTRACTORS AND SHALL NOTIFY ENGINEER OF POTENTIAL CONFLICTS. CONTRACTOR SHALL PROTECT ALL UTILITIES AND OTHER FACILITIES, NEW AND EXISTING, DURING THE COURSE OF INSTALLATION OF THE LANDSCAPE AND IRRIGATION SYSTEMS. REPAIRS SHALL BE PERFORMED BY THE CONTRACTOR AT NO ADDITIONAL COST TO IDOT OR CDOT.
- NO STOCK-PILING OR STAGING ALLOWED ON CHICAGO PARKWAYS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**35th ST. GATEWAY LANDSCAPE PLAN**

STA. 126+50 TO STA. 132+75

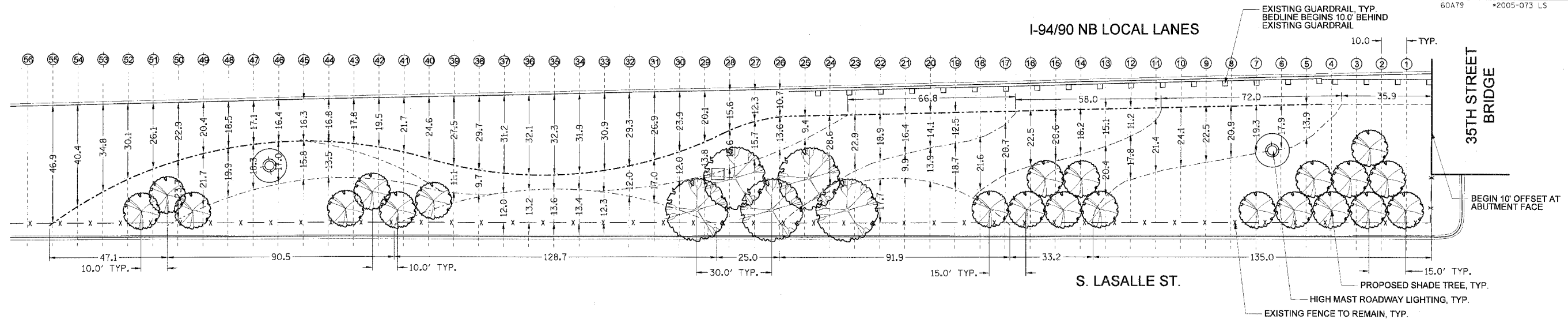
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DATE: MAR 13, 2008

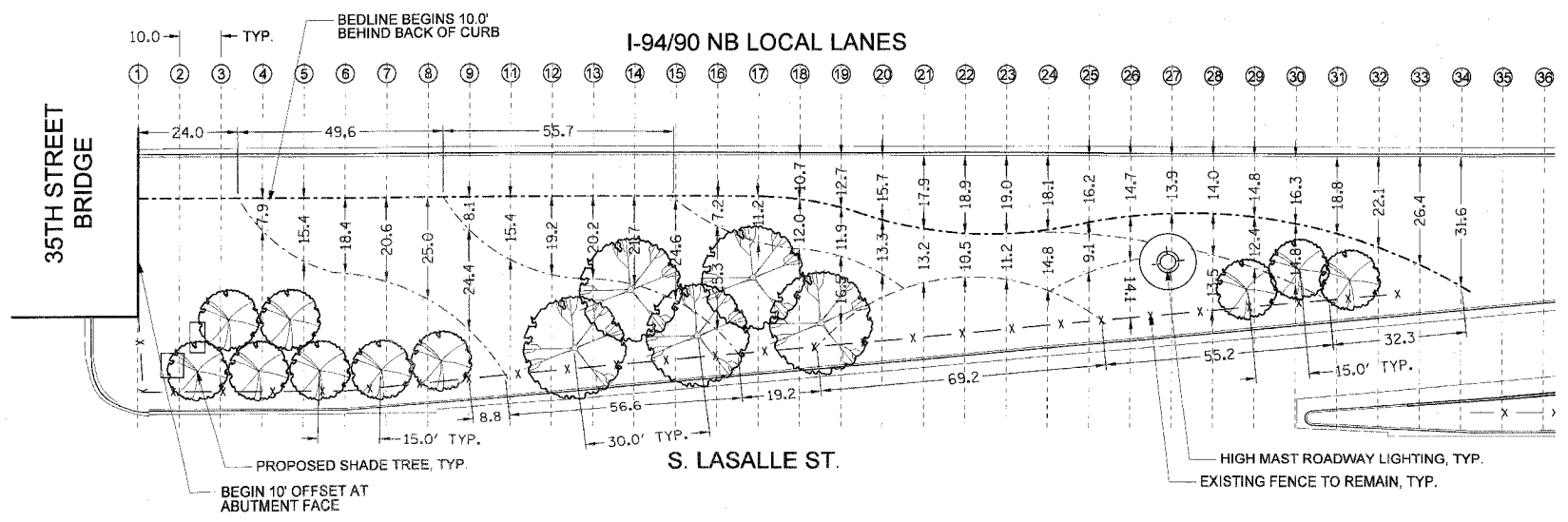
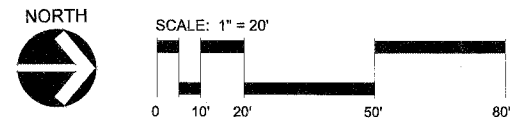
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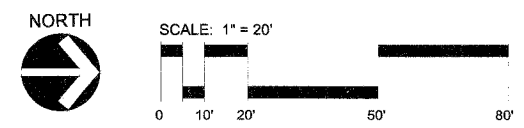
F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	38	21
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		
60A79		*2005-073 LS		



**1** 35th ST. GATEWAY LAYOUT PLAN - SE QUADRANT  
SCALE: 1"=20'



**2** 35th ST. GATEWAY LAYOUT PLAN - NE QUADRANT  
SCALE: 1"=20'



- GENERAL NOTES:**
- SEE SHEETS L-01 AND L-02 FOR LANDSCAPE PLANS.
  - SEE SHEET L-07 FOR IRRIGATION PLAN.
  - SEE SHEET L-08 FOR LANDSCAPE DETAILS.
  - SEE SHEET L-09 FOR OVERALL PLANT LIST.
  - THE LOCATION OF ALL PLANT MATERIAL SHALL BE STAKED BY CONTRACTOR FOR APPROVAL BY ENGINEER IN FIELD, PRIOR TO INSTALLATION. INDIVIDUAL TREES SHALL BE STAKED WITH IDENTITIES WRITTEN ON STAKES. SHRUB BEDS SHALL BE OUTLINED WITH STAKES AND PAINTED LINES.
  - ALL ROADWAY, SEWER, ELECTRICAL AND OTHER UTILITY WORK (EXCEPT FOR IRRIGATION) SHALL BE CONSTRUCTED BY OTHERS. ADJUSTMENTS TO INSTALLED UTILITIES MAY HAVE BEEN MADE DURING CONSTRUCTION THAT ARE NOT INDICATED ON THESE PLANS. CONTRACTOR SHALL COORDINATE LANDSCAPE AND IRRIGATION WORK WITH WORK BY OTHER CONTRACTORS AND SHALL NOTIFY ENGINEER OF POTENTIAL CONFLICTS. CONTRACTOR SHALL PROTECT ALL UTILITIES AND OTHER FACILITIES, NEW AND EXISTING, DURING THE COURSE OF INSTALLATION OF THE LANDSCAPE AND IRRIGATION SYSTEMS. REPAIRS SHALL BE PERFORMED BY THE CONTRACTOR AT NO ADDITIONAL COST TO IDOT OR CDOT.
  - NO STOCK-PILING OR STAGING ALLOWED ON CHICAGO PARKWAYS.

**DLK**  
Civic Design  
The Fine Arts Building  
410 South Michigan Avenue  
Chicago, Illinois 60605  
312.322.0911 fax 312.322.5324

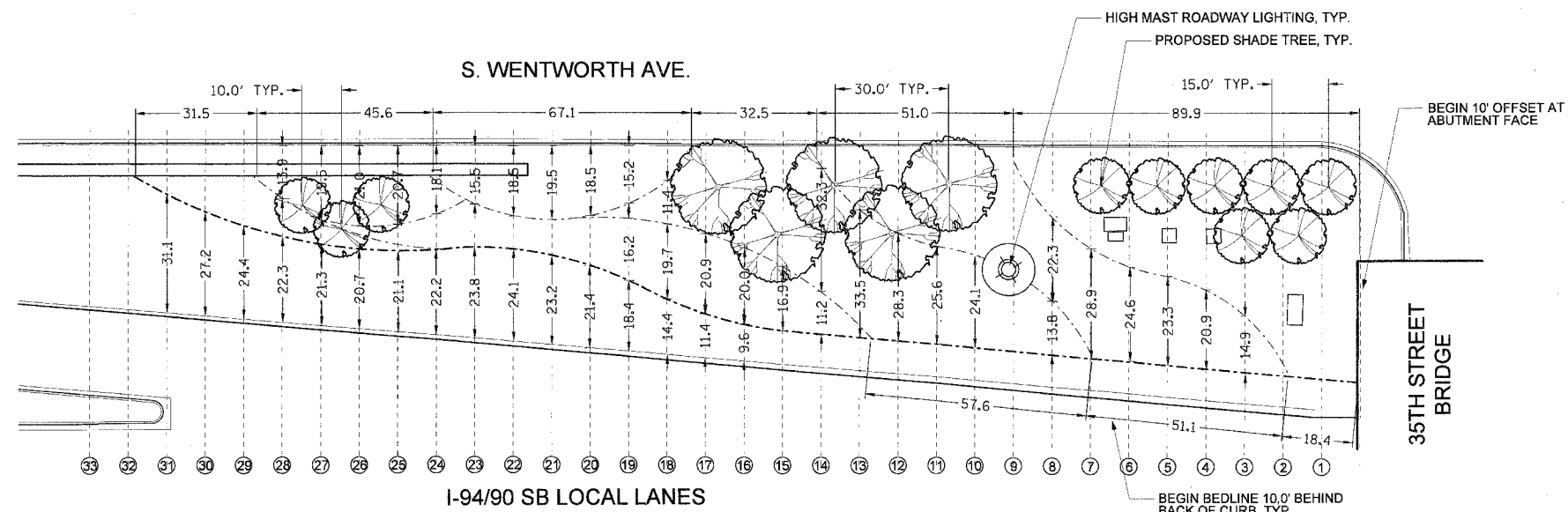
REVISIONS	
NAME	DATE
REVISED	4.25.08

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**35th ST. GATEWAY LAYOUT**  
STA. 413+75 TO STA. 426+50  
SCALE: 1"=20'  
DATE: MAR 13, 2008  
DRAWN BY: RPS  
CHECKED BY: JAE

L-05

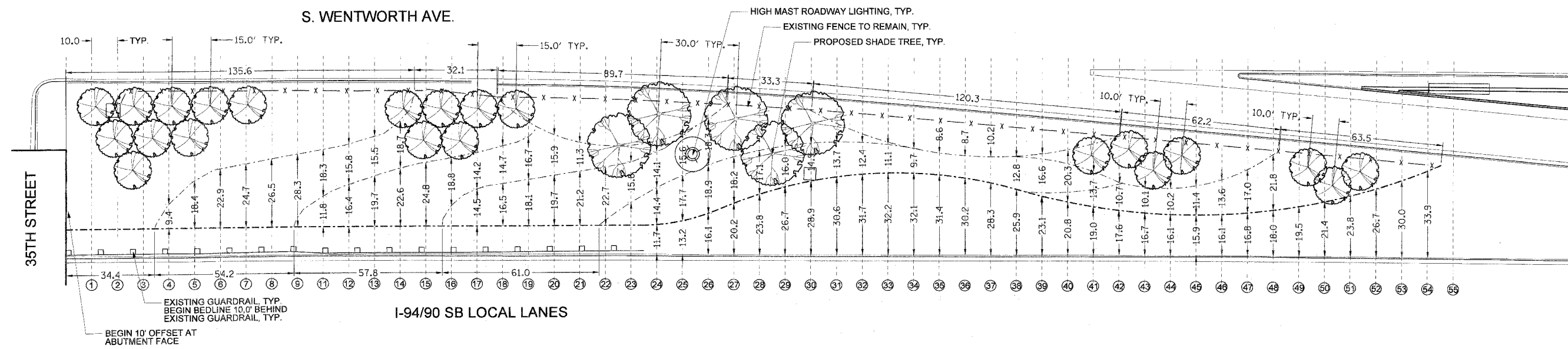
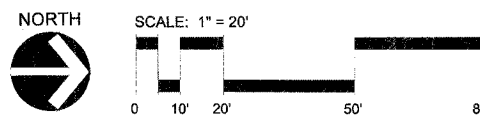
DATE\$

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	38	22
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
60A79		*2005-073 LS		

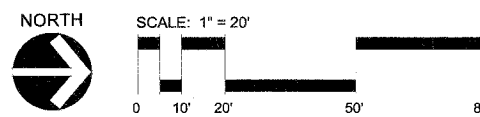


- GENERAL NOTES:**
1. SEE SHEETS L-03 AND L-04 FOR LANDSCAPE PLANS.
  2. SEE SHEET L-07 FOR IRRIGATION PLAN.
  3. SEE SHEET L-08 FOR LANDSCAPE DETAILS.
  4. SEE SHEET L-09 FOR OVERALL PLANT LIST.
  5. THE LOCATION OF ALL PLANT MATERIAL SHALL BE STAKED BY CONTRACTOR FOR APPROVAL BY ENGINEER IN FIELD, PRIOR TO INSTALLATION. INDIVIDUAL TREES SHALL BE STAKED WITH IDENTITIES WRITTEN ON STAKES. SHRUB BEDS SHALL BE OUTLINED WITH STAKES AND PAINTED LINES.
  6. ALL ROADWAY, SEWER, ELECTRICAL AND OTHER UTILITY WORK (EXCEPT FOR IRRIGATION) SHALL BE CONSTRUCTED BY OTHERS. ADJUSTMENTS TO INSTALLED UTILITIES MAY HAVE BEEN MADE DURING CONSTRUCTION THAT ARE NOT INDICATED ON THESE PLANS. CONTRACTOR SHALL COORDINATE LANDSCAPE AND IRRIGATION WORK WITH WORK BY OTHER CONTRACTORS AND SHALL NOTIFY ENGINEER OF POTENTIAL CONFLICTS. CONTRACTOR SHALL PROTECT ALL UTILITIES AND OTHER FACILITIES, NEW AND EXISTING, DURING THE COURSE OF INSTALLATION OF THE LANDSCAPE AND IRRIGATION SYSTEMS. REPAIRS SHALL BE PERFORMED BY THE CONTRACTOR AT NO ADDITIONAL COST TO IDOT OR CDOT.
  7. NO STOCK-PILING OR STAGING ALLOWED ON CHICAGO PARKWAYS.

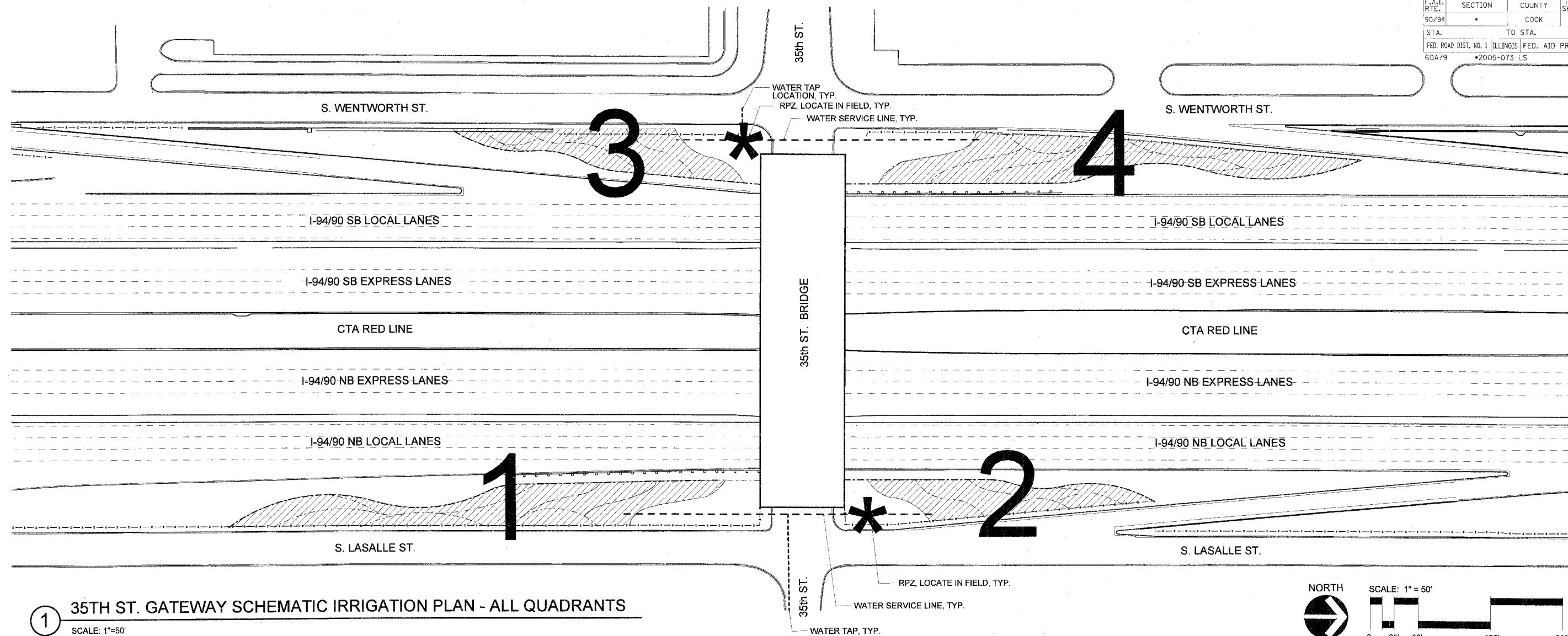
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SCALE: 1"=20'



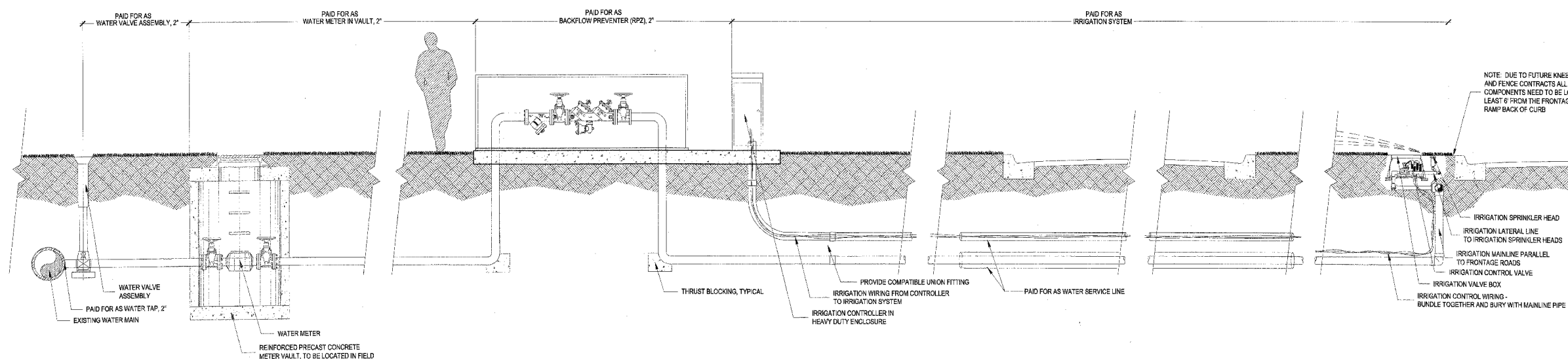
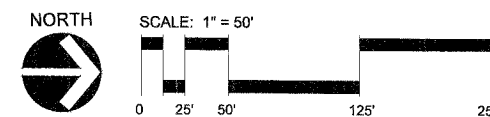
**4** 35th ST. GATEWAY LAYOUT PLAN - NW QUADRANT  
SCALE: 1"=20'



REVISIONS	
NAME	DATE
REVISOR	4.25.08



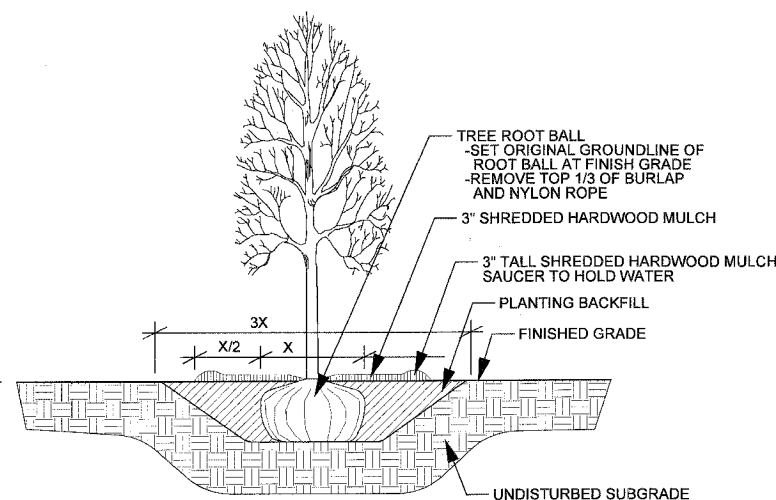
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SCALE: 1"=50'



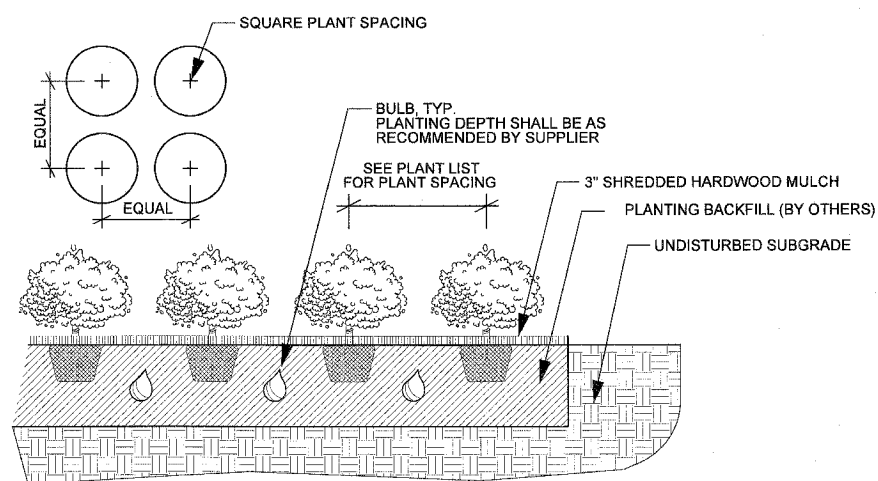
2 35TH ST. GATEWAY SCHEMATIC IRRIGATION SECTION  
NOT TO SCALE

REVISIONS	
NAME	DATE
REVISED	4.25.08

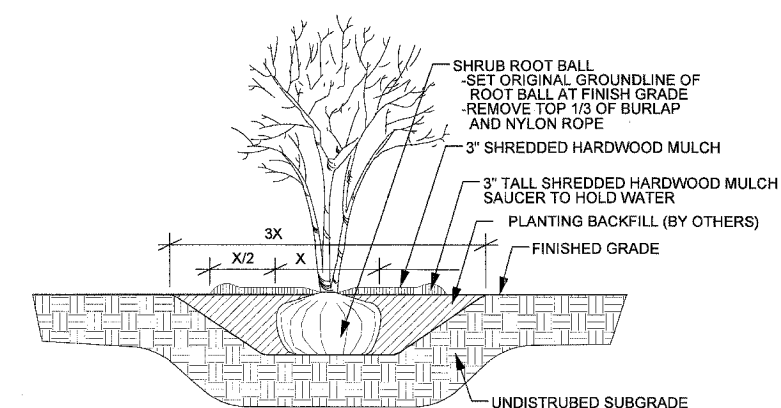
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**35th ST. GATEWAY IRRIGATION PLAN**  
ALL QUADRANTS  
SCALE: 1"=40'  
DATE: MAR 13, 2008  
DRAWN BY: RPS  
CHECKED BY: JAE



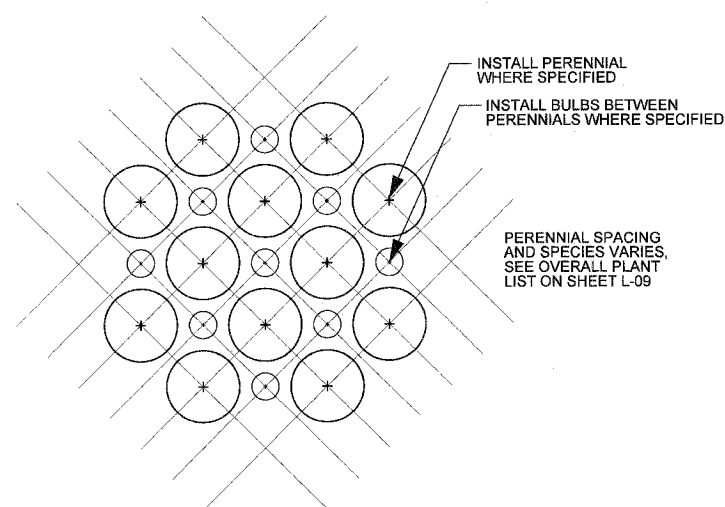
**1** SHADE TREE PLANTING DETAIL  
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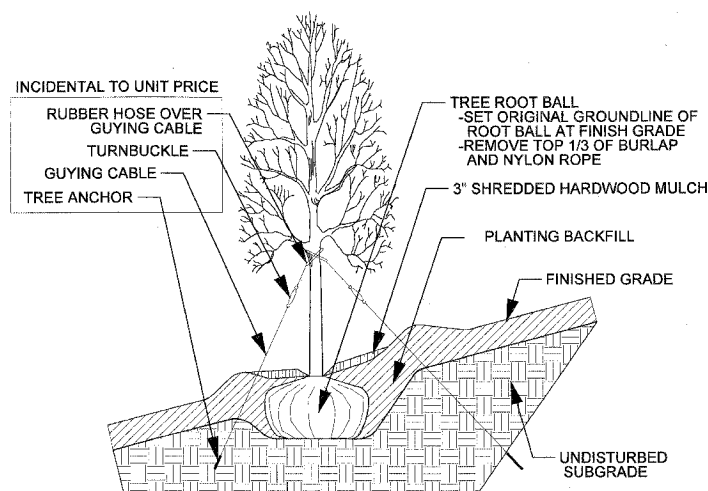
**2** PERENNIAL AND BULB PLANTING DETAIL  
No Scale



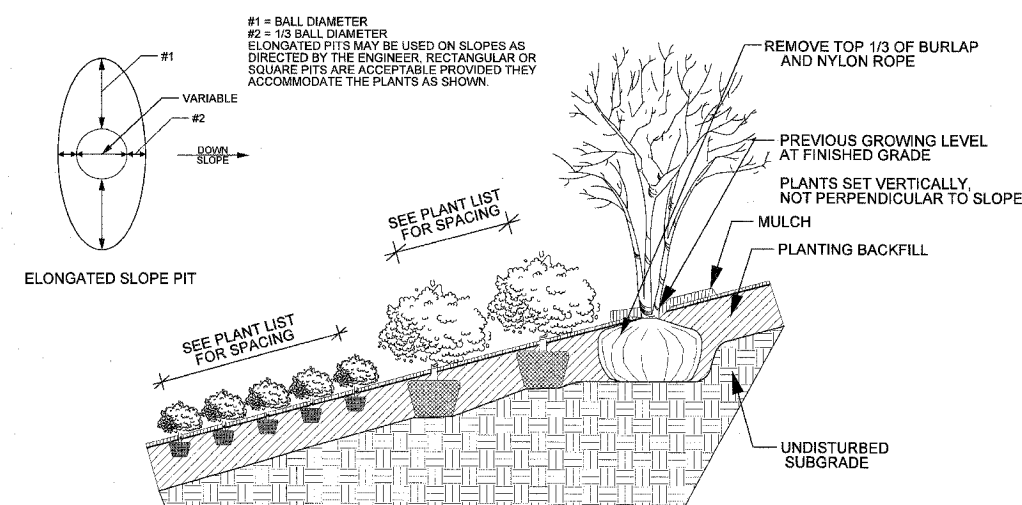
**3** SHRUB PLANTING DETAIL  
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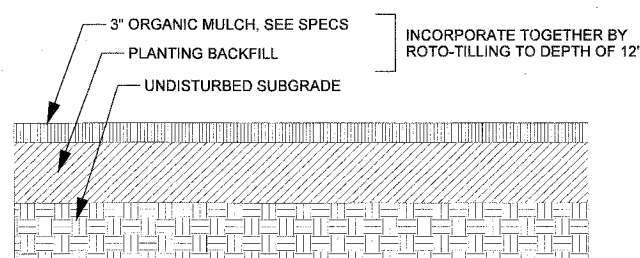
**4** INTERPLANTING DETAIL  
No Scale



**5** TREE PLANTING ON SLOPE DETAIL  
No Scale



**6** PERENNIAL AND SHRUB PLANTING ON SLOPE DETAIL  
No Scale



**7** SOIL AMENDMENT, ORGANIC  
No Scale

NOTE: ANY CLAY SOIL EXCAVATED FOR TREE OR SHRUB INSTALLATION SHALL BE REMOVED FROM SITE AND HOLE BACKFILLED WITH TOPSOIL FROM UPPER PORTION OF EXCAVATION.

REVISIONS	
NAME	DATE
REVISED	4.25.08

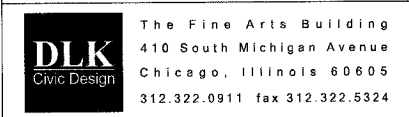


### 35th ST. GATEWAY LANDSCAPE - OVERALL PLANT LIST

KEY	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY	SPACING	NOTES
<b>SHADE TREES</b>						
GYD	GYMNOCLADUS DIOICA	KENTUCKY COFFEE TREE	10' HT.	10	ON PLANS	CLUMP FORM B/B
UMG	ULMUS J X W 'MORTON GLOSSY'	TRIUMPH ELM	3" CAL.	10	ON PLANS	B/B
<b>ORNAMENTAL TREES</b>						
SRI	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	10' HT.	20	ON PLANS	HEAVY CLUMP B/B
SYR	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	2.5" CAL.	32	ON PLANS	B/B
<b>SHRUBS</b>						
FOC	FORSYTHIA X INTERMEDIA 'COURDIJAU'	GOLDEN PEEP FORSYTHIA	18" HT. 5 GAL.	286	36" O.C.	
FOG	FORSYTHIA X INTERMEDIA 'COURTACOUR'	GOLDSLOCKS FORSYTHIA	18" HT. 5 GAL.	284	36" O.C.	
FOH	FORSYTHIA X INTERMEDIA 'HAPPY CENTENNIAL'	HAPPY CENTENNIAL FORSYTHIA	18" HT. 5 GAL.	542	36" O.C.	
HEM	HEPTACODIUM MICONIODES	SEVEN-SON FLOWER	8' HT.	12	ON PLANS	HEAVY CLUMP B/B
PHO	PHYSOCARPUS OPULIFOLIUS 'SUMMER WINE'	SUMMER WINE COMMON NINEBARK	2 1/2' HT. 5 GAL.	222	42" O.C.	
RHA	RHUS COPALLINA LATIFOLIA 'MORTON'	PRAIRIE FLAME SUMAC	3' HT. 5 GAL.	968	36" O.C.	
ROH	ROSA 'KNOCKOUT'	KNOCKOUT SHRUB ROSE	3 GAL.	623	30" O.C.	
<b>ORNAMENTAL GRASSES</b>						
SCS	SCHIZACHRIUM SCOPARIUM 'CAROUSEL'	CAROUSEL LITTLE BLUESTEM	1 GAL.	1590	18" O.C.	
SPH	SPOROBOLUS HETEROLEPSIS	PRAIRIE DROPSEED	1 GAL.	4139	18" O.C.	
<b>PERENNIALS</b>						
ECP	ECHINACEA PURPUREA 'FATAL ATTRACTION'	FATAL ATTRACTION PURPLE CONEFLOWER	1 GAL.	887	18" O.C.	
HEP	HEMEROCALLIS 'PARDON ME'	PARDON ME DAYLILY	1 GAL.	2279	15" O.C.	
LPP	LIATRIS PYCNOSTACHYA	PRAIRIE BLAZING STAR	1 GAL.	887	18" O.C.	
NEW	NEPETA X FAASSENNII 'WALKER'S LOW'	WALKER'S LOW CATMINT	1 GAL.	2229	18" O.C.	
RSV	RUDBECKIA SPECIOSA 'VIETTE'S LITTLE SUZY'	DWARF BLACK-EYED SUSAN	1 GAL.	2279	15" O.C.	
<b>GROUND COVER</b>						
EFC	EUONYMUS FORTUNEI 'COLORATUS'	PURPLE LEAF WINTERCREEPER	1 QT.	2150	18" O.C.	
<b>BULBS</b>						
AHS	ALLIUM HOLLANDICUM 'SENSATION'	ORNAMENTAL ONION	TOP SIZE	5729	INTERPLANT W/ GRASSES	
NAF	NARCISSUS 'FORTISSIMO'	FORTISSIMO DAFFODIL	TOP SIZE	1774	INTERPLANT W/ PER.	
NAT	NARCISSUS 'TETE A TETE'	TETE A TETE DAFFODIL	TOP SIZE	6787	INTERPLANT W/ PER.	
<b>LANDSCAPE MATERIALS</b>						
	SOIL CONDITIONER		SY	6825		
	SEEDING, CLASS 2A		ACRE	0.79		

L-01	L-02	L-03	L-04
5			5
	5	5	
7	3	3	7
9	7	7	9
		286	
	284		
267			275
6			6
126			96
311	169	159	329
210	124	107	182
638	268	209	475
1138	906	1100	995
422			465
592	384	535	768
422			465
866	380	207	776
592	384	535	768
540	495	580	535
1776	1174	1309	1470
844			930
2050	1148	1277	2312
2180	1205	1260	2180
0.27	0.13	0.14	0.25

L-09





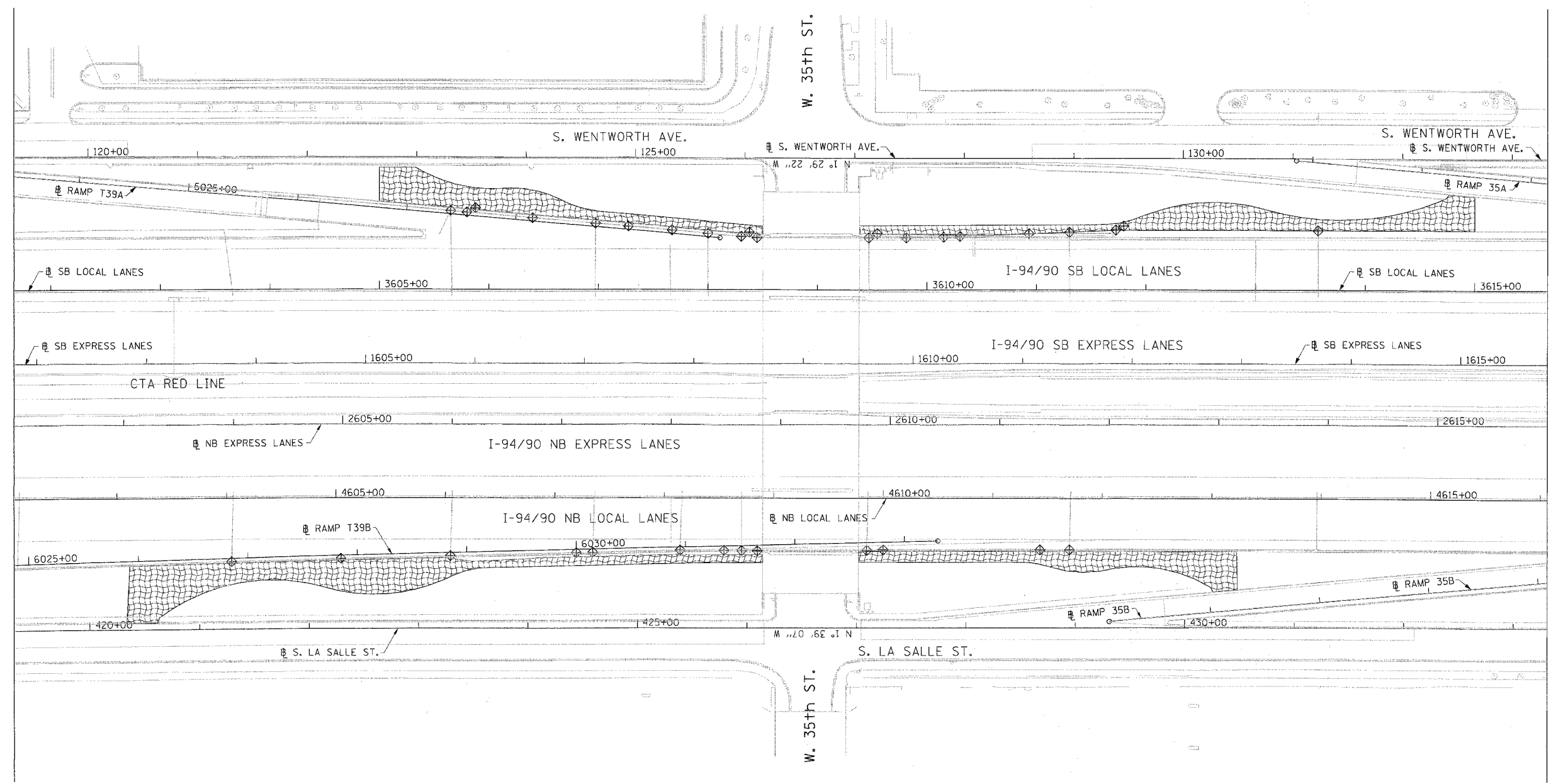
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	3	26
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
60A79		2005-073 LS		



- LEGEND:
-  INLET FILTER
  -  EROSION CONTROL BLANKET



BOWMAN, BARRETT & ASSOCIATES INC.  
CONSULTING ENGINEERS  
CHICAGO, ILLINOIS  
312.22.0100  
WWW.BBANDAINC.COM

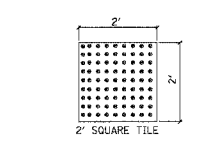
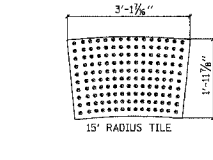
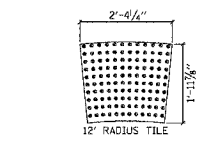
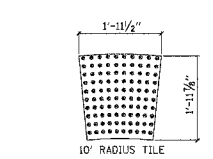
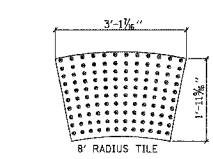
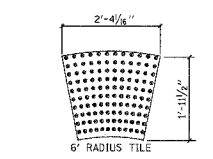
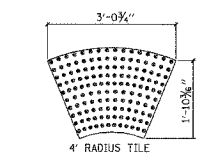
REVISIONS	
NAME	DATE
REVISED	4/25/0

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
GATEWAY LANDSCAPING & IRRIGATION @ 35TH  
EROSION CONTROL PLAN

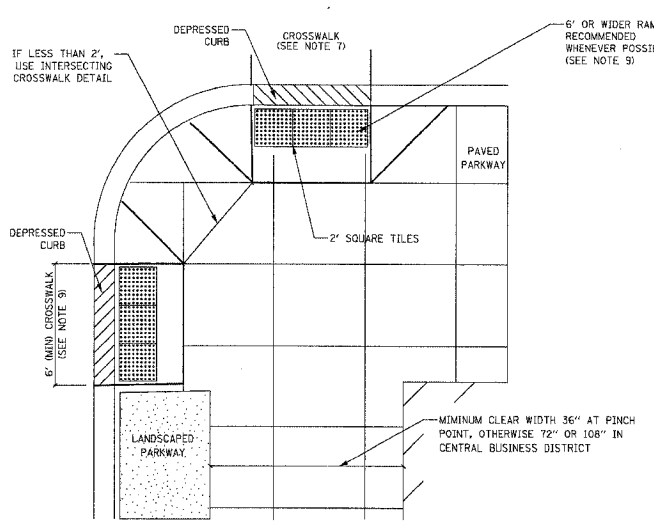
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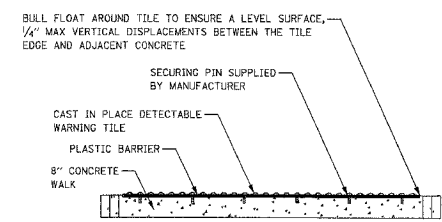
ERO-01



NOMINAL CURB RADIUS	TILE SIZE
13'-15'	3'-1 1/8" X 1'-11 1/8"
11'-13'	2'-4 1/4" X 1'-11 1/8"
9'-11'	1'-11 1/2" X 1'-11 1/8"
7'-9'	3'-1 1/8" X 1'-11 1/8"
5'-7'	2'-4 1/8" X 1'-11 1/2"
3'-5'	3'-0 3/4" X 1'-10 3/8"



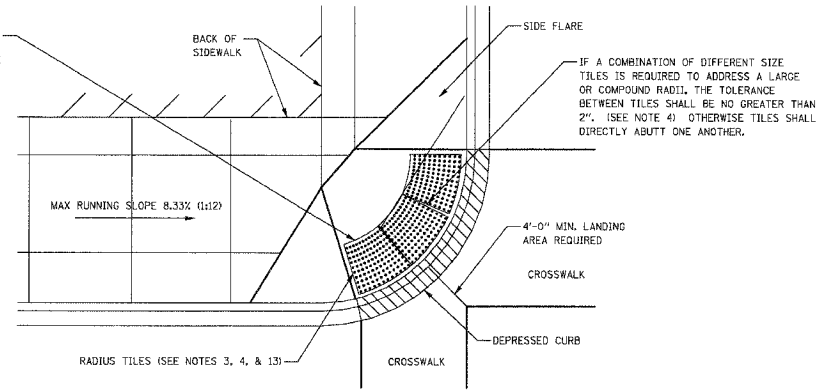
1 TYPICAL SLOPE WITH FULL WALK WHERE CROSSWALKS DO NOT INTERSECT  
NOT TO SCALE



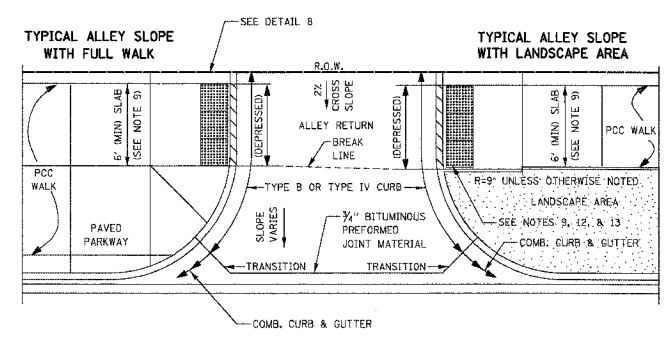
3 TYPICAL TILE PLACEMENT CROSS SECTION  
NOT TO SCALE

**GENERAL NOTES:**

1. THE DETECTABLE WARNING TILES SHALL BE REINFORCED CERAMIC CEMENT (RCC) TILES WHICH MEET THE CHICAGO DEPARTMENT OF TRANSPORTATION SPECIFICATION, (AVAILABLE ON THE CITY OF CHICAGO WEBSITE) IN CENTRAL BUSINESS DISTRICT, GRANITE OR OTHER SPECIALTY PAVING MATERIALS MAY BE SUBMITTED TO THE COMMISSIONER FOR APPROVAL. (SEE NOTE 9)
2. TILES MUST BE INSTALLED 1 3/4" TO 2 3/4" FROM BACK OF CURB, DEPENDING ON WIDTH OF EXPANSION JOINT.
3. TILES MUST COVER FULL WIDTH OF SLOPE EXCLUDING SIDE FLARES.
4. TILES MUST COVER FULL WIDTH OF SLOPE IF CROSSWALKS INTERSECT, SEE DETAIL 2.
5. 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 WITH THE RESIDENT ENGINEER.
6. CONTRACTOR MUST SUBMIT A WRITTEN OR SKETCHED LAYOUT OF ALL SLOPES PRIOR TO ORDERING TILES.
7. CONTRACTOR IS NOT ALLOWED TO SUBSTITUTE ANY OTHER METHOD OF SATISFYING THIS CDOT REQUIREMENT.
8. ALL SLOPES MUST BE CENTERED ON CROSSWALK. CROSSWALK WIDTH IS THE DISTANCE BETWEEN 2" BACK FROM FACE OF CURB AND THE PROPERTY LINE.
9. 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. DESIGNER TO VERIFY THAT PROPER CONTRAST IS OBTAINED.



2 TYPICAL SLOPE WITH FULL WALK WHERE CROSSWALKS INTERSECT  
NOT TO SCALE



4 TYPICAL TILE PLACEMENT, ALLEY RETURN  
NOT TO SCALE

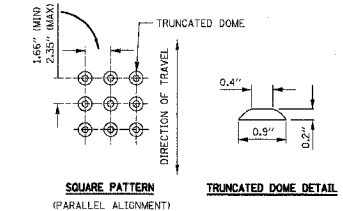
10. SLOPE WIDTH MUST BE A MINIMUM OF 4'-0" AND IN INCREMENTS OF 2'-0", WHEREVER POSSIBLE THE SLOPE SHALL MATCH THE WIDTH OF THE CROSSWALK. FOR LOCATIONS INSIDE THE CENTRAL BUSINESS DISTRICT, A MINIMUM OF 6' RAMP ARE REQUIRED. FOR LOCATIONS OUTSIDE THE CENTRAL BUSINESS DISTRICT, A MINIMUM OF 4' RAMP ARE REQUIRED.
11. PRIOR TO PLACING CONCRETE FOR DEPRESSED CURBS AND/OR SLOPES 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.
12. THE MAXIMUM ALLOWABLE SLOPE IS 1:14. IF POSSIBLE, A MORE GRADUAL SLOPE SHALL BE USED.
13. IF SIDEWALK AND ALLEY ARE AT THE SAME GRADE, RAMP IS NOT REQUIRED BUT DETECTABLE WARNING TILES ARE STILL REQUIRED.
14. DETECTABLE WARNING DOMES MUST BE ONLY AT THE BOTTOM 2' OF ALL SLOPES AND MUST CONTRAST IN COLOR WITH SLOPE AND SIDE FLARES.

REQUIRED MINIMUM FLARE WIDTHS FOR VARIOUS CURB HEIGHTS		
CURB HEIGHT (INCHES)	FLARE WIDTH (1:10) (INCHES)	FLARE WIDTH (1:12) (INCHES)
3	30	36
4	40	48
5	50	60
6	60	72
7	70	84
8	80	96
9	90	108

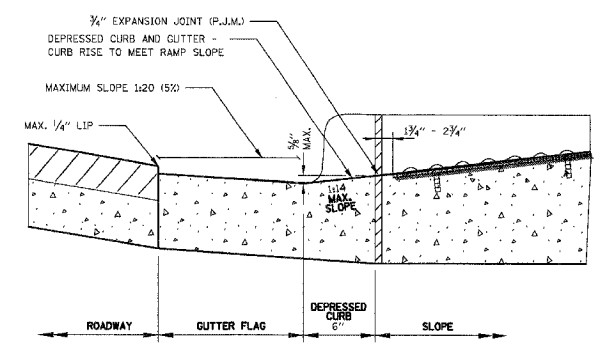
**SUGGESTED TILE SUPPLIERS:**

BINDEN CORPORATION  
P.O. BOX 3513  
OAK BROOK, IL 60523  
630-734-0277  
ATTN: THOMAS LALLY, PRESIDENT

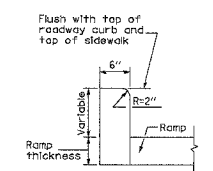
TRAFFIC SIGNAL CORPORATION  
780 W. BELDEN AVE. SUITE 5  
ADDISON, IL 60101  
630-543-1300  
ATTN: MITCH BRIGHT, SALES REPRESENTATIVE



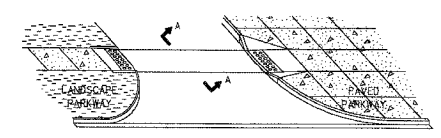
6 DETECTABLE WARNINGS DETAIL  
NOT TO SCALE



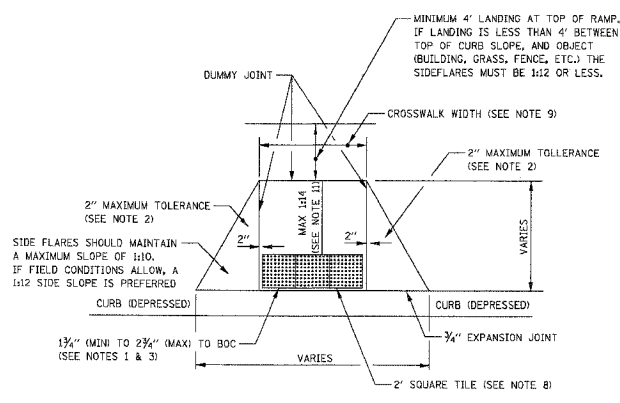
7 DEPRESSED CURB DETAIL  
NOT TO SCALE



8 DETAIL OF SIDE CURB, ONLY AT ALLEYS AND LANDSCAPED PARKWAYS  
NOT TO SCALE  
(Side curb may be constructed monolithically with ramp)



9 SLOPES AT ALLEYS OR ENTRANCES  
NOT TO SCALE  
Variable 2x max. Variable  
Alley/Entrance Walk Street Approach  
SECTION A-A



5 TILE PLACEMENT DETAIL, WITH FLARES  
NOT TO SCALE

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Chicago, Illinois  
312.228.0100  
www.bbainc.com

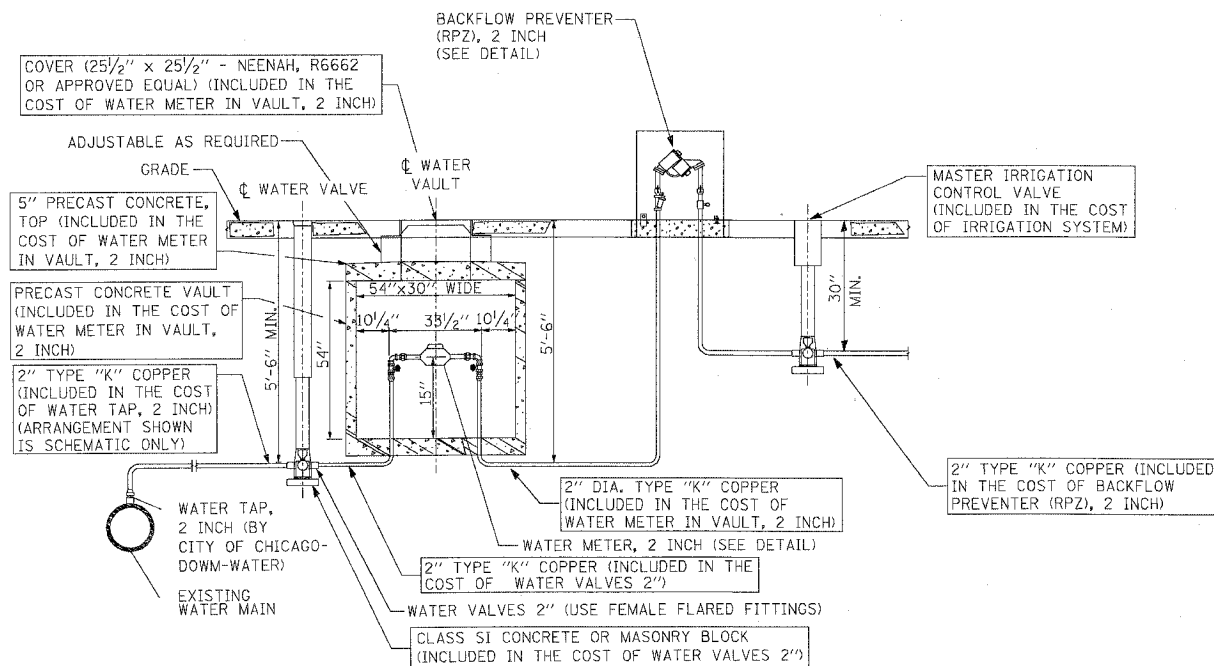
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
GATEWAY LANDSCAPING & IRRIGATION @ 35TH  
CIVIL DETAILS  
CITY OF CHICAGO  
TYPICAL CURB SLOPE DETAILS  
SCALE: NTS  
DATE: 03/13/07  
DRAWN BY: CDOT  
CHECKED BY: CDOT

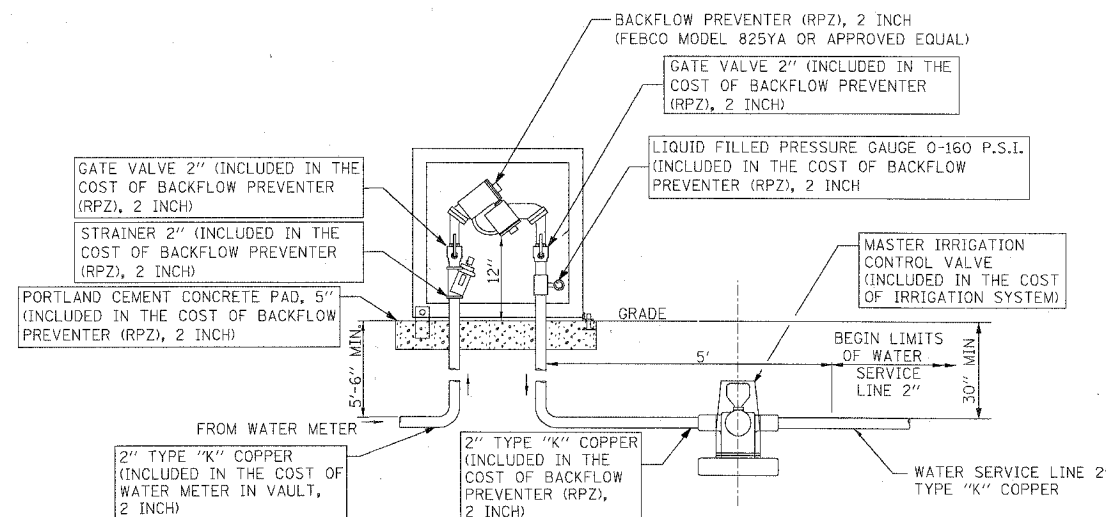
11-660-0000-01-01-22-F-22-F-SHEETS 660-22-F-01-01-491

CDT-01

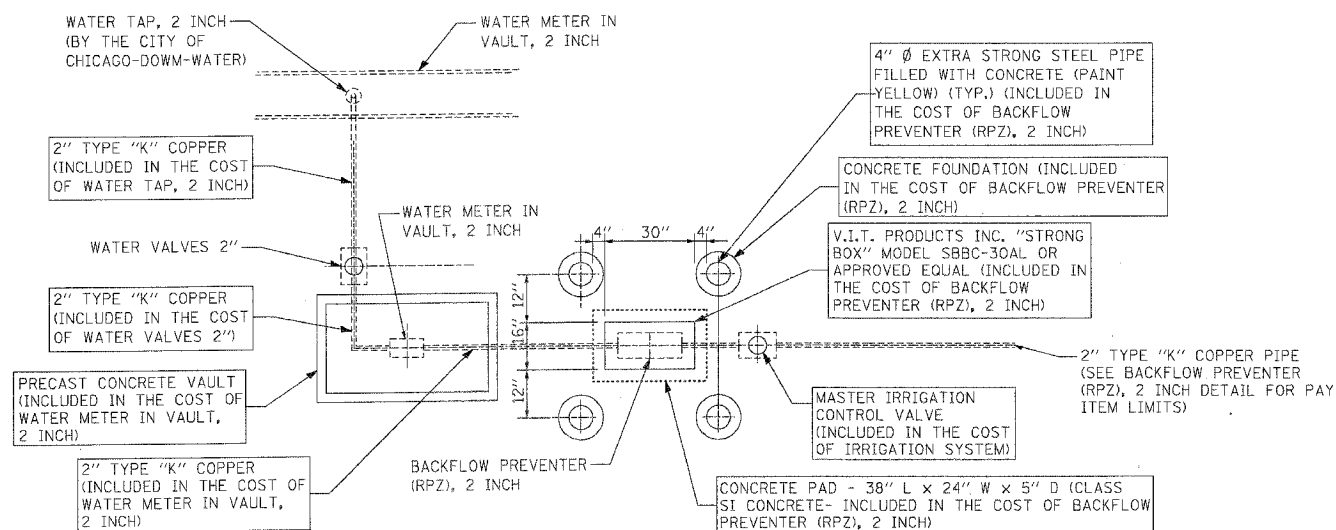
12/5/2008 12:54:56 AM



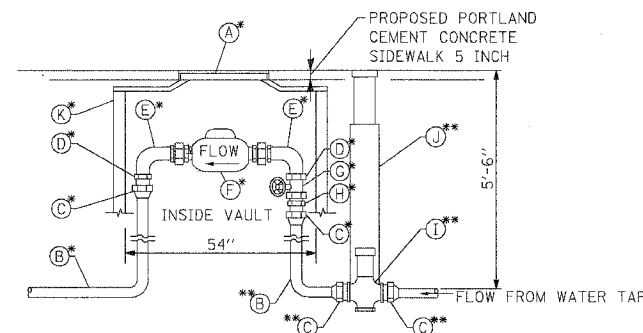
**TYPICAL METER INSTALLATION FOR 2" WATER SERVICE WITH BACK FLOW PREVENTER (RPZ), 2 INCH**



**BACKFLOW PREVENTER (RPZ), 2 INCH INSTALLATION LAYOUT**



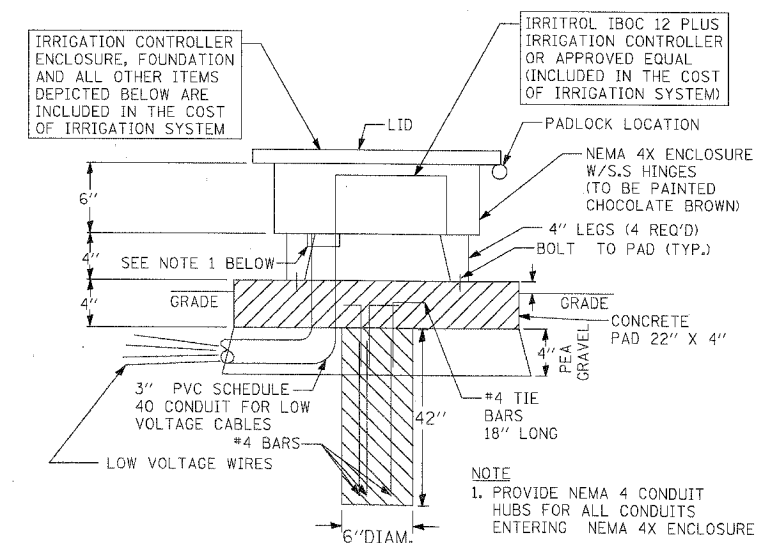
**WATER SERVICE CONNECTION PLAN (TYPICAL EQUIPMENT LAYOUT PLAN)**



- A FRAME AND LID (NEENAH R6662)
- B 2" TYPE "K" COPPER PIPE
- C FEMALE FLARED FITTING
- D BRASS BUSHING
- E BENT METER COUPLING
- F METER
- G FULL PORT CONTROL VALVE
- H MALE I.P.S. TO FLARED ADAPTER
- I ROUNDWAY
- J WATER VALVE ASSEMBLY
- K PRECAST CONCRETE VAULT

\*- ITEMS ARE INCLUDED IN THE COST OF WATER METER IN VAULT, 2 INCH  
 \*\*-ITEMS ARE INCLUDED IN THE COST OF WATER VALVES 2"

**NEW COPPER 2" WATER SERVICE STANDARD METER VAULT**



**IRRIGATION CONTROLLER NEMA 4X ENCLOSURE - DETAIL N.T.S.**

BOWMAN, BARRETT & ASSOCIATES INC.  
 CONSULTING ENGINEERS  
 Chicago, Illinois  
 312.228.0100  
 www.bbandainc.com

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 GATEWAY LANDSCAPING & IRRIGATION @ 35TH  
 CIVIL DETAILS  
 WATER SERVICE INSTALLATION

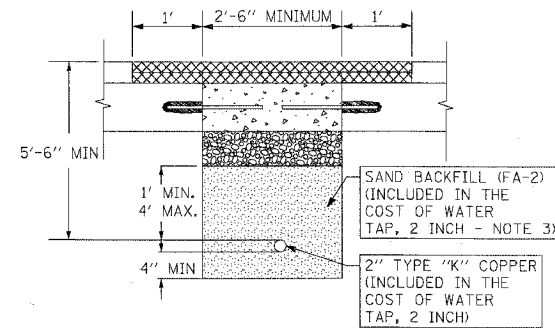
SCALE: NTS  
 DATE: 03/13/07

DRAWN BY: JDC  
 CHECKED BY: DM

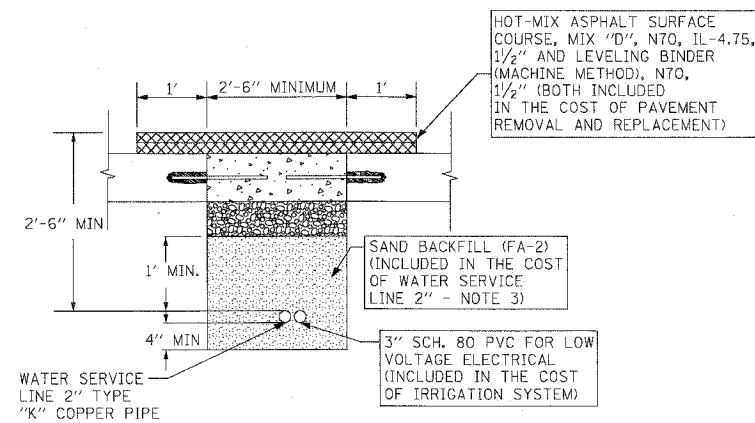
CDT-02

4/25/2008 4:59:24 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEET NO.
94/90	•	COOK	38 29
STA.	TO STA.		
FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT		
62303	• 2005-073 LS		



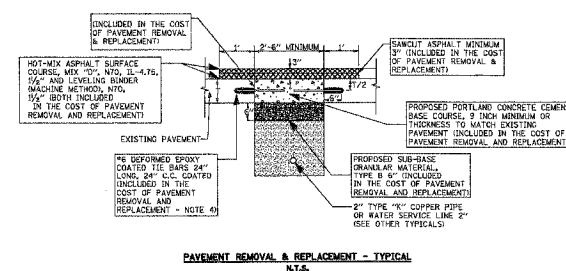
**2" TYPE "K" COPPER PIPE (INCLUDED IN THE COST OF WATER TAP, 2 INCH) - PAVEMENT SECTION**  
N.T.S.



**WATER SERVICE LINE 2" TYPE "K" COPPER PIPE - PAVEMENT SECTION**  
N.T.S.

**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 ENGINEER.



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

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94/90 (DAN RYAN EXPRESSWAY) GATEWAY LANDSCAPING & IRRIGATION @ 35TH CIVIL DETAILS PAVEMENT REM. AND REPL. DETAILS
NAME	DATE	
		SCALE: NTS
		DATE: 03/13/07
		DRAWN BY: JDC
		CHECKED BY: DM

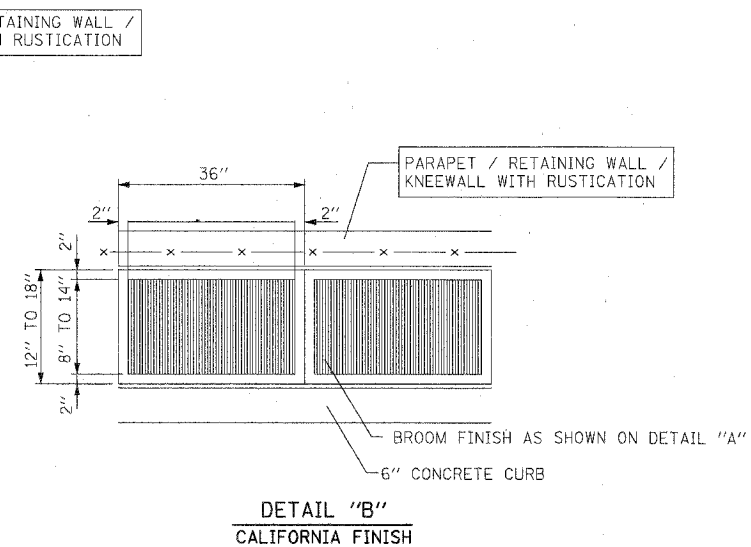
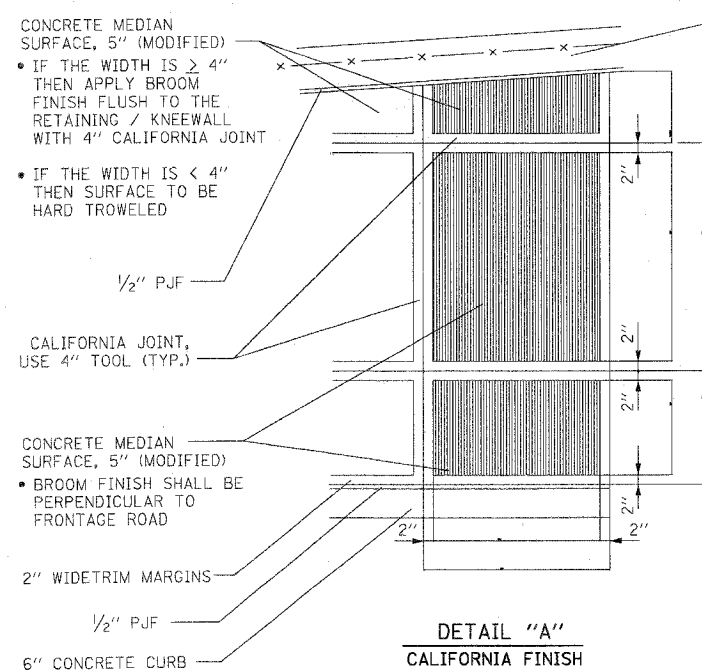
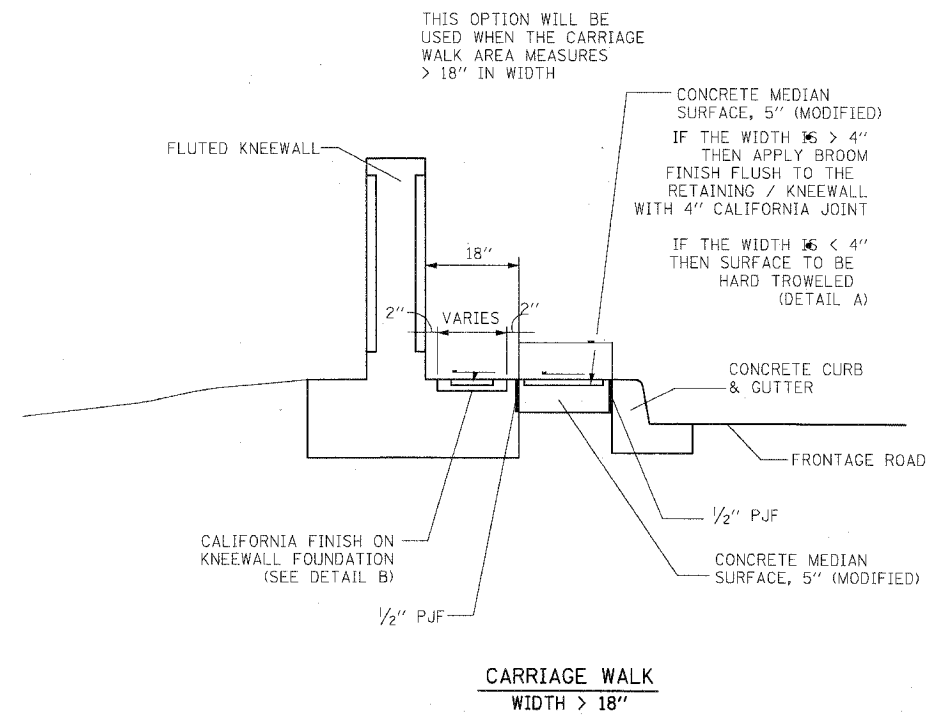
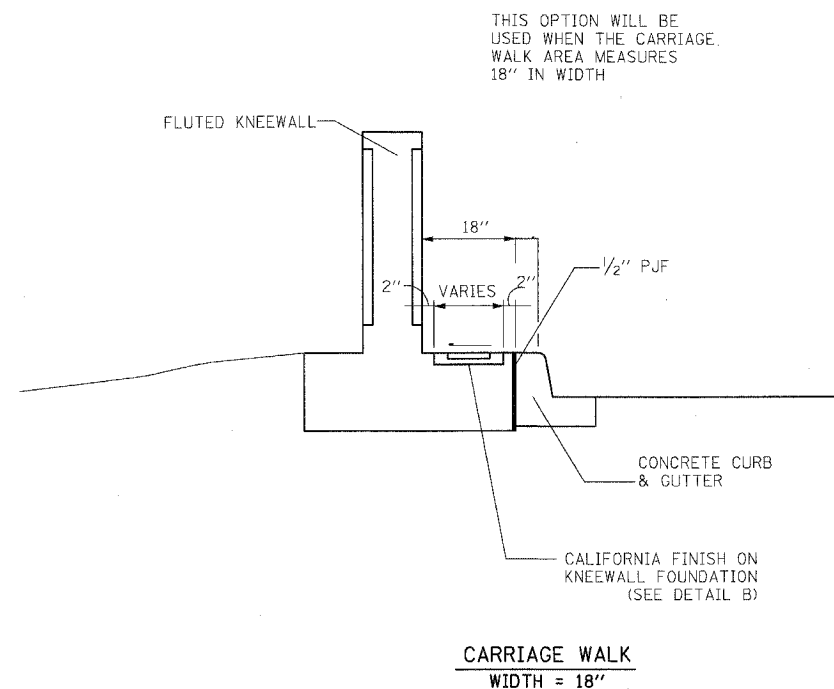
BOWMAN, BARRETT & ASSOCIATES INC.  
CONSULTING ENGINEERS  
Chicago, Illinois  
312 228 0100  
www.bbandainc.com



CDT-03

4/25/2008 4:40:10 PM

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	38	30
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62303		* 2005-073 LS		



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CONSULTING ENGINEERS  
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REVISIONS	
NAME	DATE

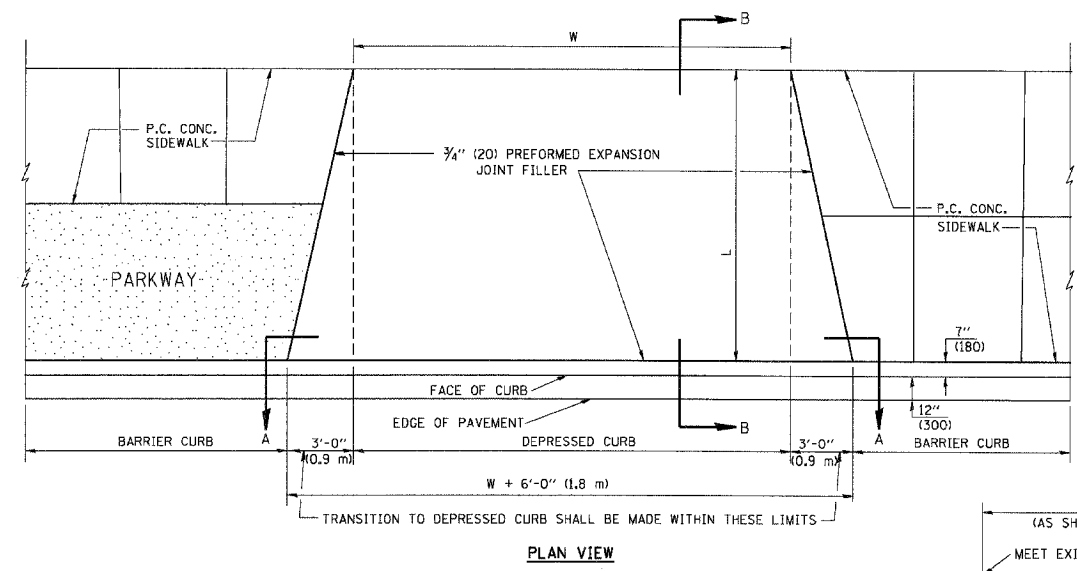
CDT-04

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
GATEWAY LANDSCAPING & IRRIGATION @ 35TH  
CIVIL DETAILS  
CONCRETE MEDIAN SURFACE 5"  
(MODIFIED) CALIFORNIA FINISH

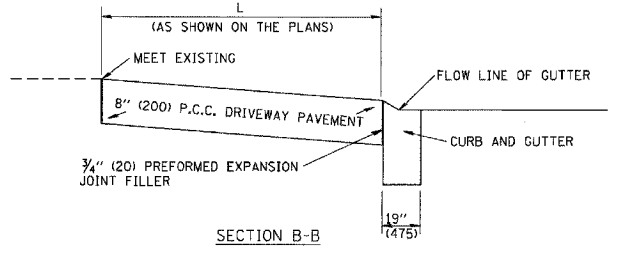
SCALE: NTS  
DATE: 03/13/07

DRAWN BY: CDOT  
CHECKED BY: CDOT

r:\660\cdot\civ\22f\22f\_sheets\660\_22f\04.dgn 4/25/2008 4:40:44 PM

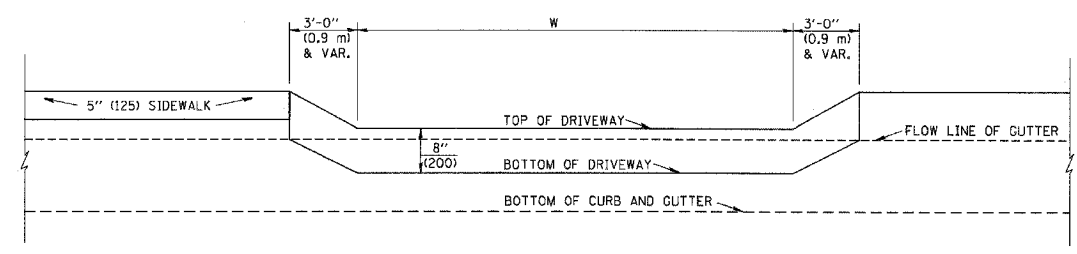


- NOTES:
1. EXPANSION JOINTS SHALL BE CONSTRUCTED AS SHOWN ON THE DETAILS FOR P.C.C. SIDEWALK.
  2. THE CURB BETWEEN ADJACENT DRIVEWAYS SHALL BE FULL HEIGHT FOR A DISTANCE OF AT LEAST FOUR FEET (1.2 METERS)
  3. P.C. CONCRETE DRIVEWAYS SHALL BE CONSTRUCTED AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
  4. 3/4" (20) PREFORMED EXPANSION JOINTS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO P.C.C. DRIVEWAY PAVEMENT 8" (200).
  5. COMBINATION CONC. CURB AND GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE TRANSITION CURB AND GUTTER.



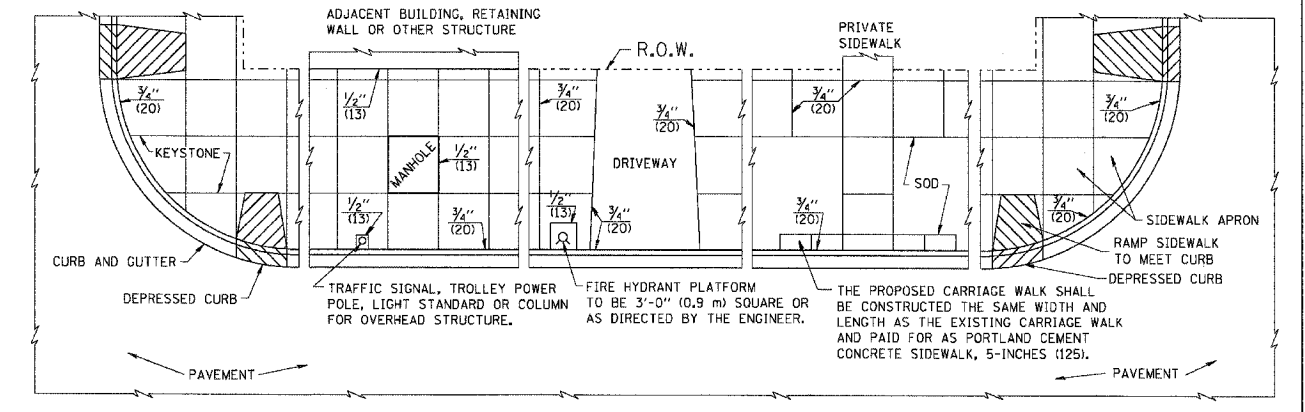
PLAN VIEW

SECTION B-B

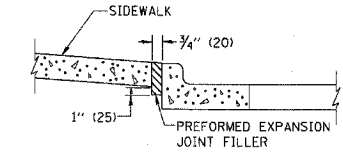


P.C.C. DRIVEWAY PAVEMENT DETAIL

SECTION A-A

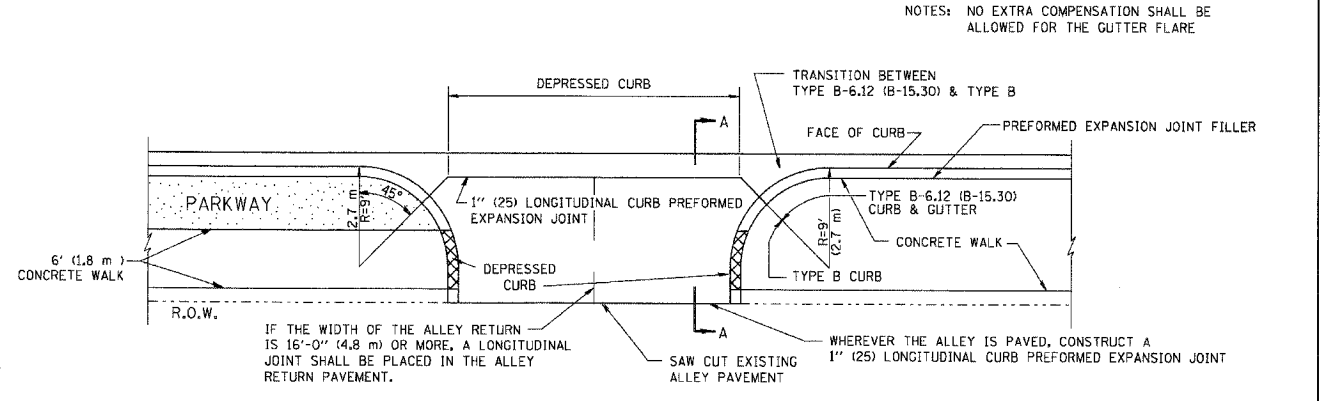


- NOTES:
1. ONE-HALF INCH THICK EXPANSION JOINTS SHALL BE PLACED BETWEEN THE SIDEWALK AND ALL STRUCTURES SUCH AS LIGHT STANDARDS, TRAFFIC LIGHT STANDARDS, MANHOLES, WHICH EXTEND THROUGH THE SIDEWALK.
  2. 3/4" (20) THICK EXPANSION JOINTS SHALL BE PLACED AT INTERVALS OF NOT MORE THAN 100 FEET (30 METERS) IN THE SIDEWALK. WHERE THE SIDEWALK IS CONSTRUCTED ADJACENT TO PAVEMENT OR CURB HAVING EXPANSION JOINTS, THE EXPANSION JOINTS IN THE SIDEWALK SHALL BE PLACED OPPOSITE THE EXISTING EXPANSION JOINTS AS NEARLY AS PRACTICABLE. EXPANSION JOINTS SHALL ALSO BE PLACED WHERE THE SIDEWALK ABUTS EXISTING SIDEWALKS, BETWEEN DRIVEWAY PAVEMENT AND SIDEWALK, AND BETWEEN SIDEWALK AND CURBS WHERE THE SIDEWALK ABUTS A CURB.

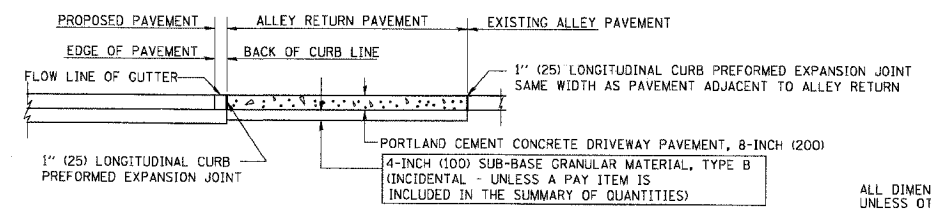


SLOPE FOR SIDEWALK  
 1" (25) IN 3'-0" (0.9 m) IN CHICAGO

PORTLAND CEMENT CONCRETE SIDEWALK DETAILS



- NOTES: NO EXTRA COMPENSATION SHALL BE ALLOWED FOR THE GUTTER FLARE



SECTION A-A

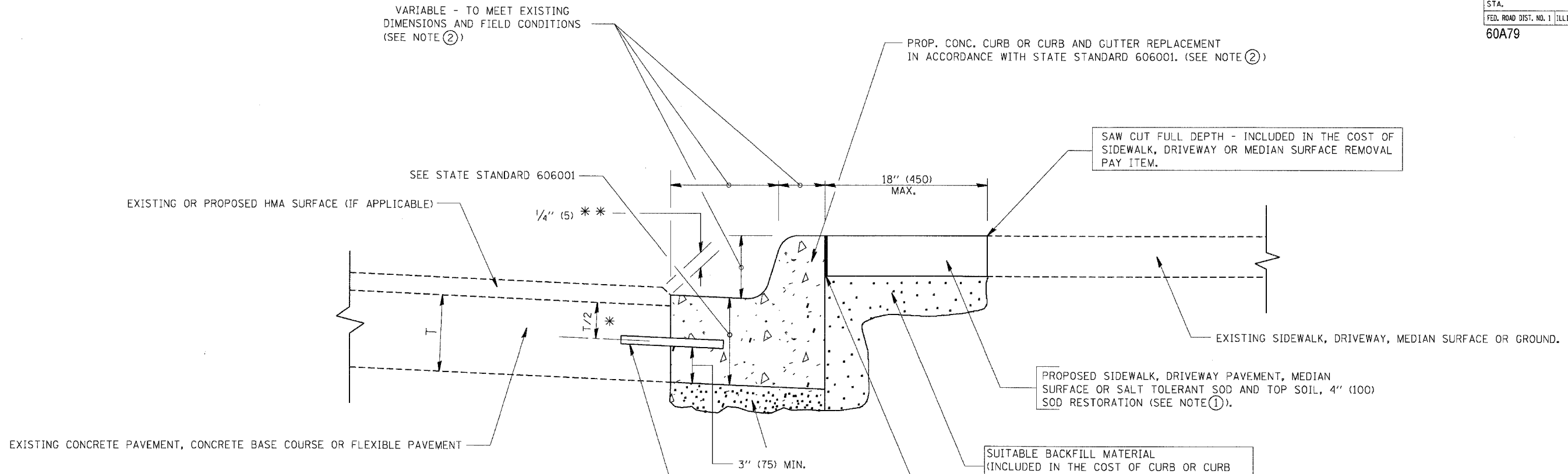
ALLEY RETURN DETAIL

REVISIONS	
NAME	DATE
M. DE YONG	06/13/90

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 CITY OF CHICAGO  
 DETAILS FOR P.C. CONCRETE  
 DRIVEWAY, ALLEY RETURN  
 AND SIDEWALK

SCALE: VERT. NONE  
 HORIZ. NONE  
 DRAWN BY  
 CHECKED BY  
 BD400-03 (BD-17)

PLOT DATE = 3/16/2007  
 FILE NAME = K:\projects\bd17.dgn  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = bboard



- \* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
  - \* \* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.
- NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.
- SALT TOLERANT SOD AND TOP SOIL, 4" (100) RESTORATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ② CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
  - ③ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
  - ④ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
  - ⑤ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
  - ⑥ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
  - ⑦ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

- PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)
- SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.
- EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE OR GROUND.
- PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SALT TOLERANT SOD AND TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).
- SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)
- PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)
- UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.
- REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

**BASIS OF PAYMENT:**  
 THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

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

# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

REVISIONS	
NAME	DATE
A. HOUSEH	03/11/94
R. SHAH	02/24/95
R. SHAH	03/02/95
R. SHAH	08/19/96
R. SHAH	09/12/96
R. SHAH	09/19/96
R. SHAH	10/03/96
A. ABBAS	03/21/97
M. GOMEZ	01/22/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

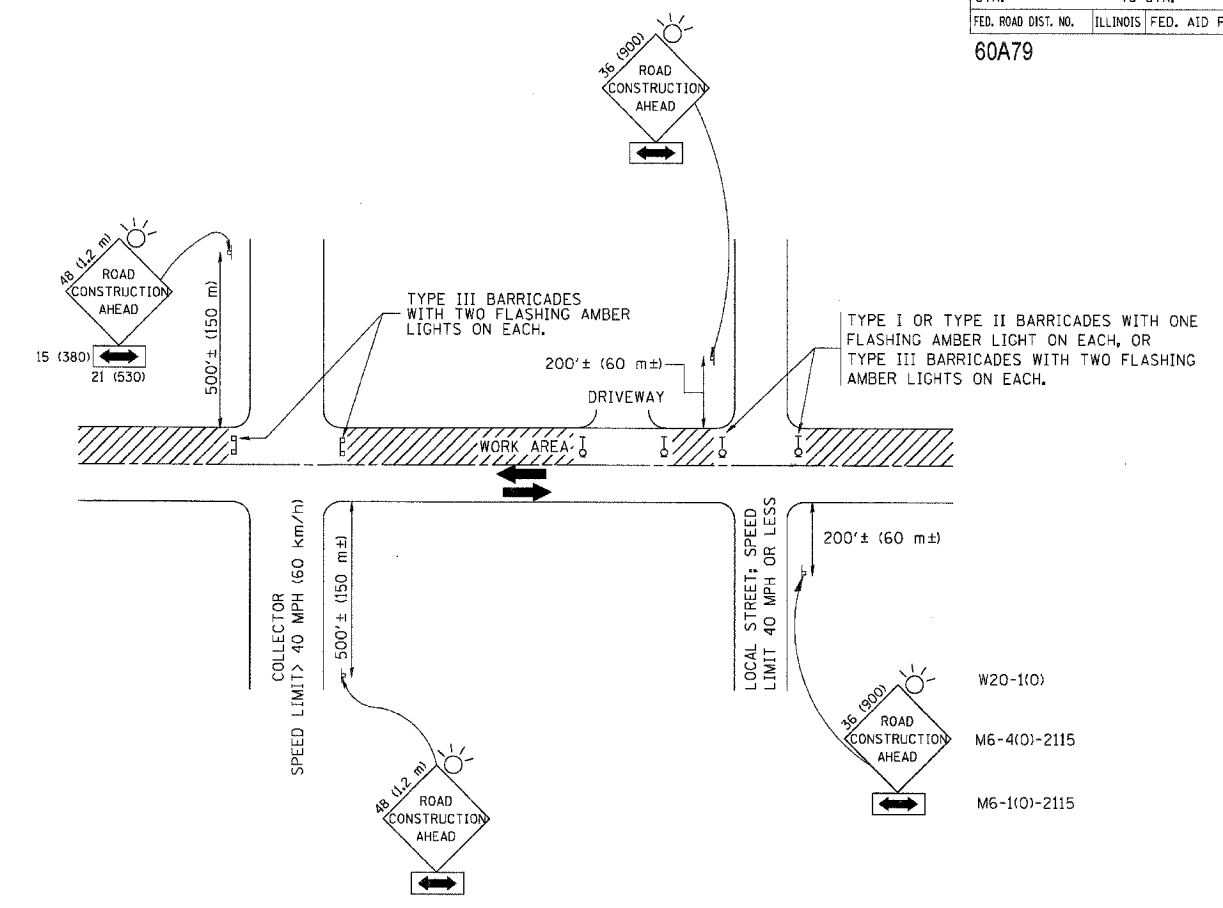
**CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT**

SCALE: VERT. NONE  
 HORIZ. \_\_\_\_\_

DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_  
 BD600-06 (BD-24)

PLOT DATE = 3/5/2007  
 FILE NAME = K:\Users\k\24\24.dgn  
 PLOT SCALE = 50:1000 7 IN.  
 USER NAME = kborard





**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.
- 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.

REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

SCALE: NONE  
 DRAWN BY  
 CHECKED BY  
 TC-10

PLOT DATE = 3/6/2007  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = bower-dl

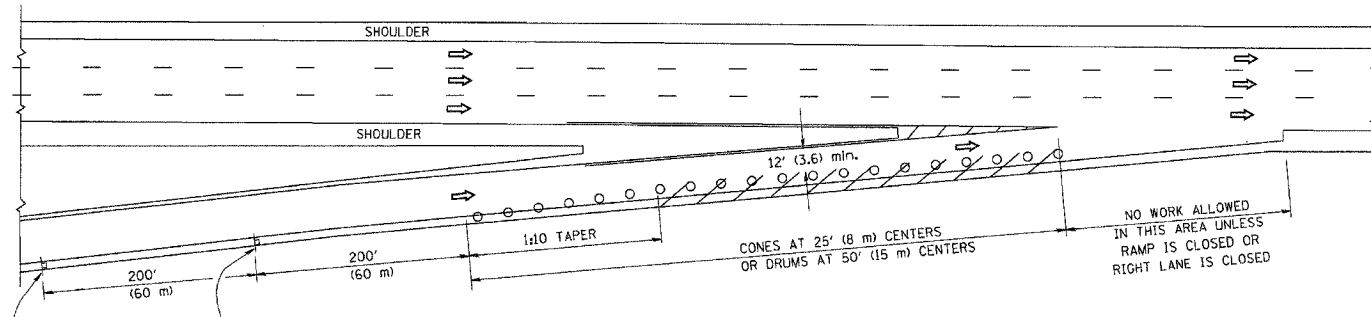
F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	2005-073 LS	COOK	38	34
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PARTIAL RAMP CLOSURE DETAILS

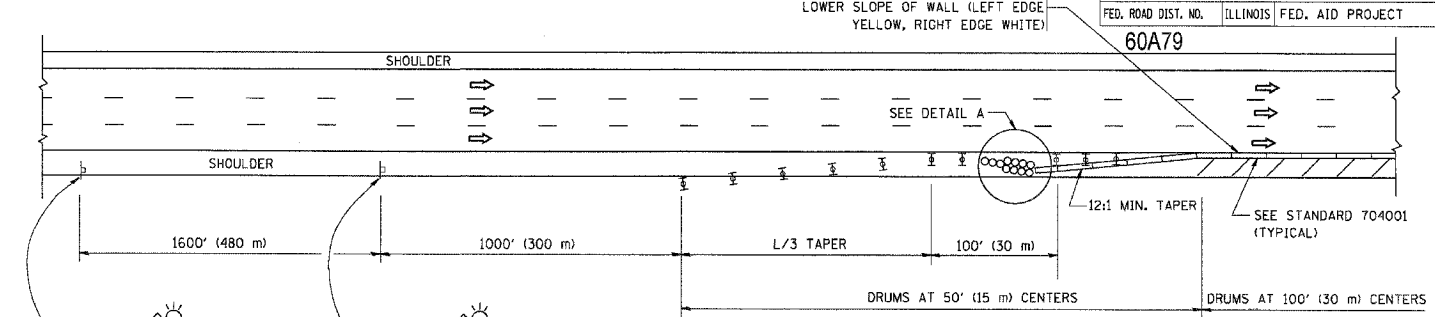
SHOULDER CLOSURE DETAILS

REFLECTIVE 6 (150) EDGE LINE ON LOWER SLOPE OF WALL (LEFT EDGE YELLOW, RIGHT EDGE WHITE)

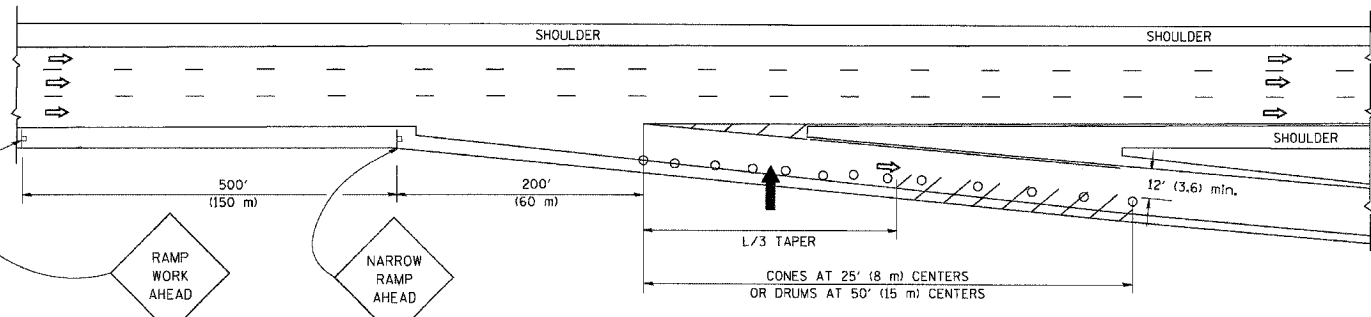
60A79



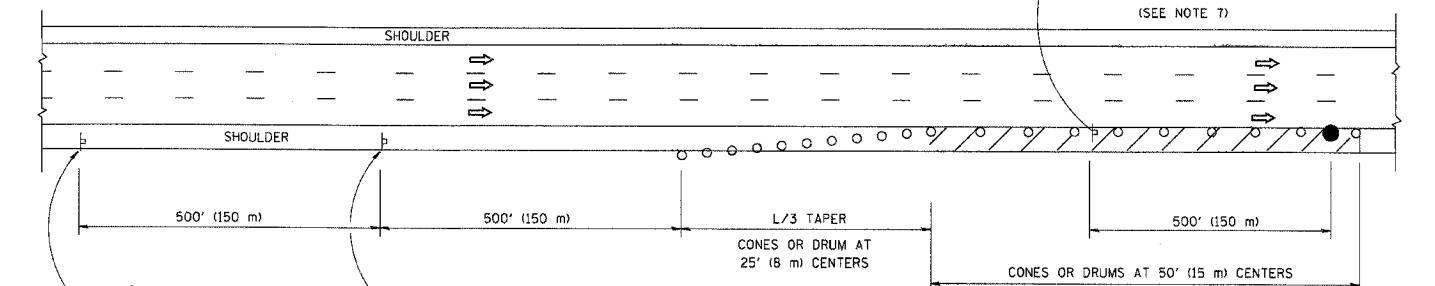
TYPICAL ENTRANCE RAMP



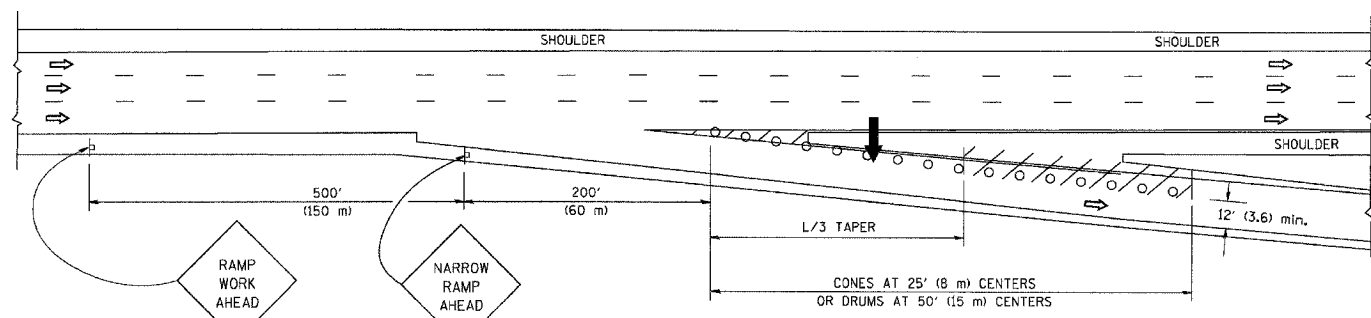
PERMANENT SHOULDER CLOSURE



TYPICAL EXIT RAMP



DAYTIME SHOULDER CLOSURE



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

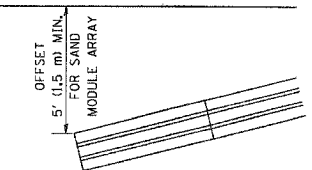
1. THE "L" DISTANCE EQUALS:  

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.

5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE "TRAFFIC BARRIER TERMINAL, TYPE III, TEMPORARY" DEVICE TO MEET NCHRP350 FOR POSTED SPEED.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
  - a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
  - b. THE WORK ACTIVITY REQUIRES FREQUENT ENCROACHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.

THIS DETAIL IS USED WHERE:  
 1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH 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.

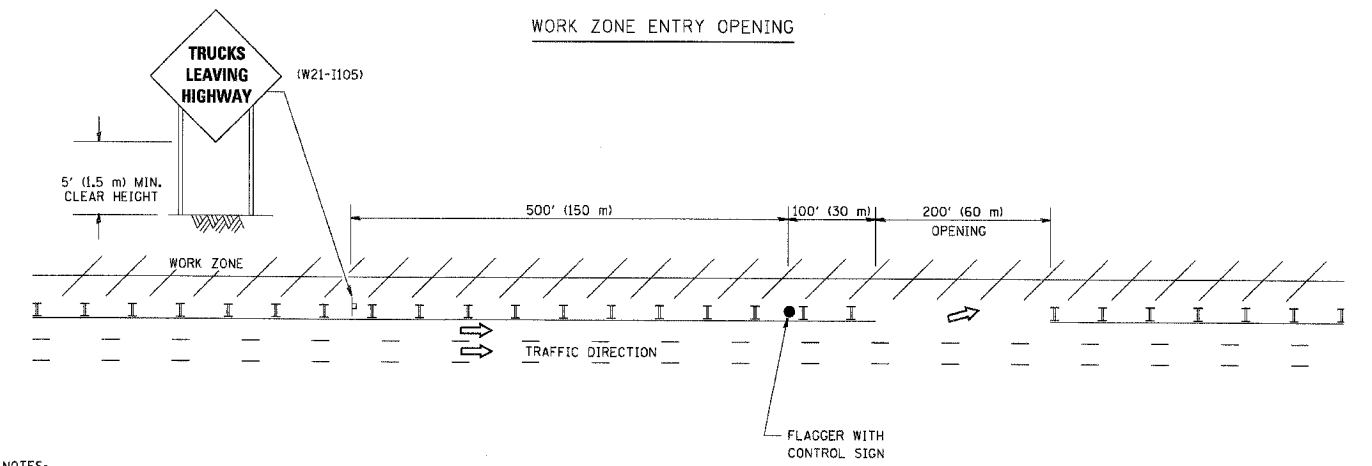
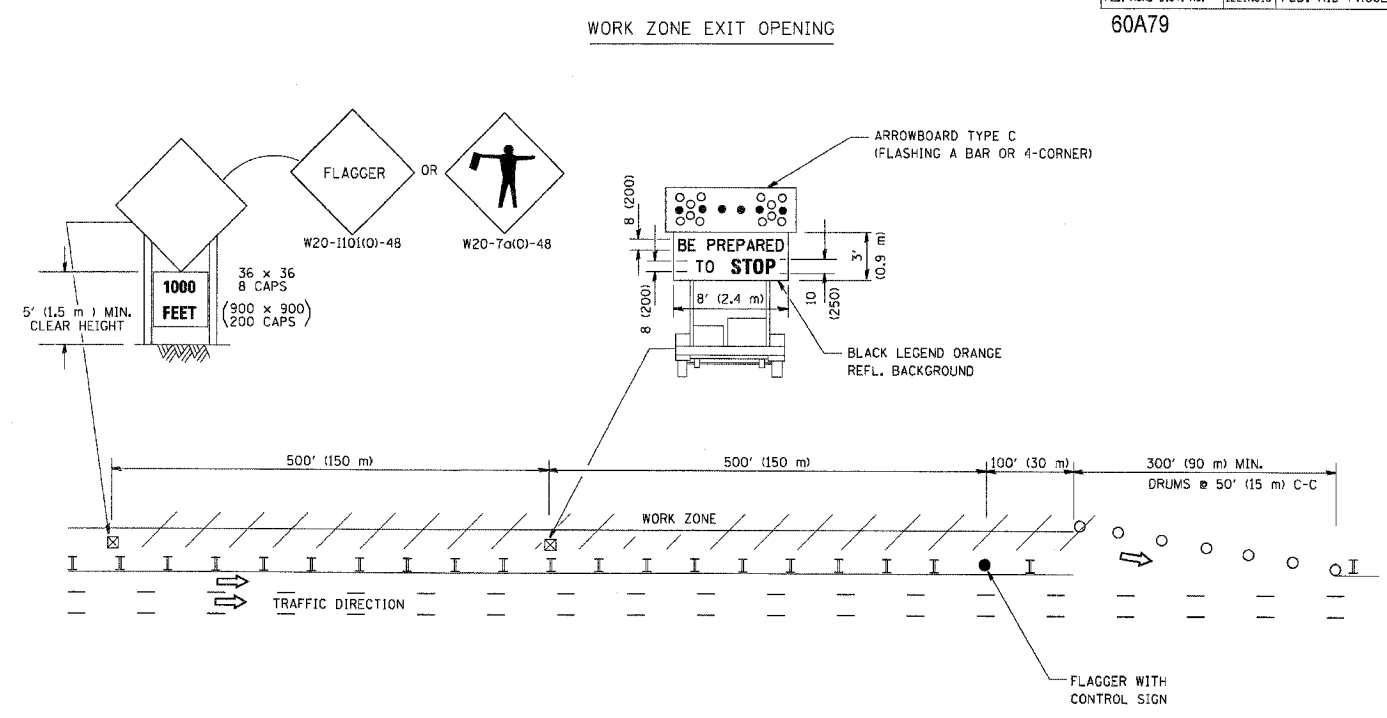
REVISIONS		
NAME	DATE	
DWS	11/96	
JAF	12/02	
NCHRP 350	04/03	
JAF	2/06	
SPB	1/07	

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES PARTIAL RAMP CLOSURES**

DESIGNED BY: DWS  
 DRAWN BY:  
 CHECKED BY:  
 SCALE: NONE

PLOT DATE = 3/7/2007  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = bauerst

### SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS



**NOTES:**

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

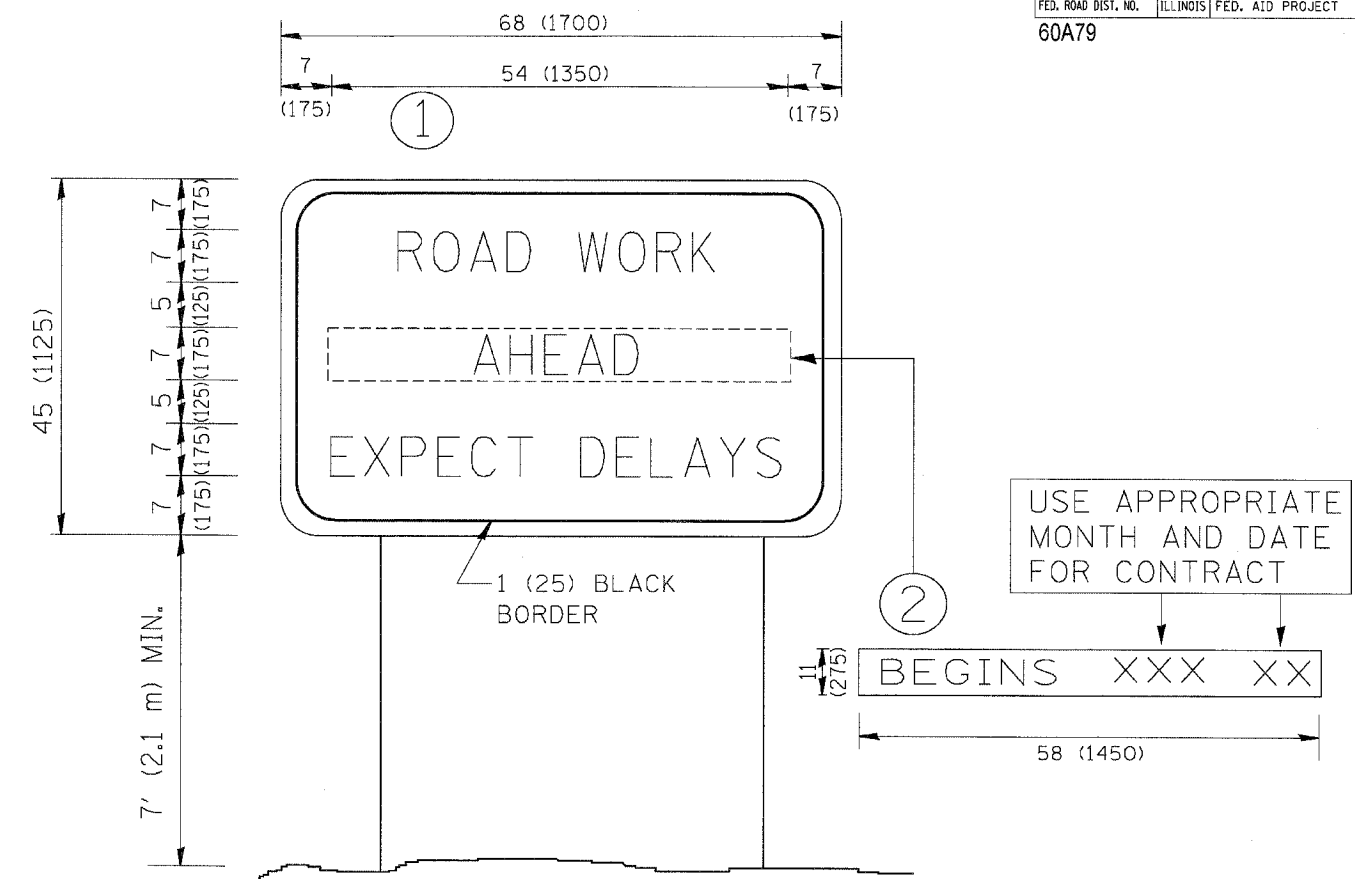
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

REVISIONS	
NAME	DATE
DWS	8/98
JAF	4/03
JAF	2/06
SPB	1/07

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SIGNING FOR FLAGGING OPERATIONS  
AT WORK ZONE OPENINGS

SCALE: NONE  
DRAWN BY CADD  
CHECKED BY  
TC-18

PLOT DATE = 3/7/2007  
PLOT SCALE = 1/8"=1'-0"  
USER NAME = bauerd



**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.

REVISIONS	
NAME	DATE
R. MIRS	9-15-97
R. MIRS	12-11-97
T. RAVNACHER	2-2-99
C. JUCIUS	1-31-07

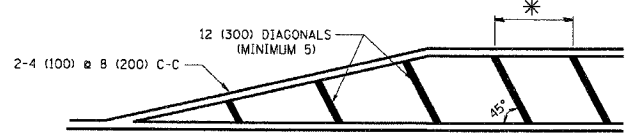
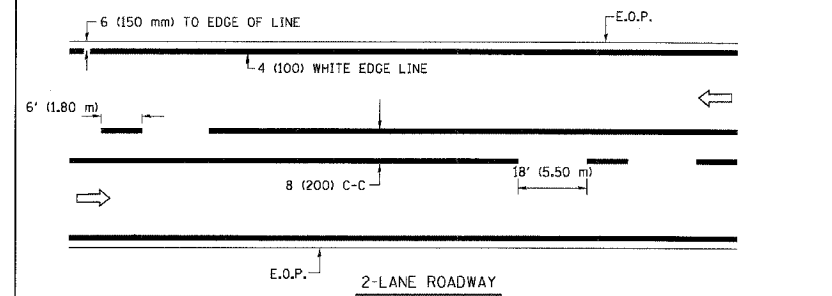
ILLINOIS DEPARTMENT OF TRANSPORTATION

**ARTERIAL ROAD INFORMATION SIGN**

SCALE: NONE

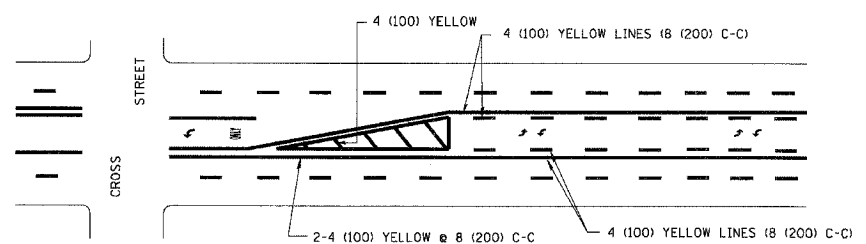
DRAWN BY DESIGN  
CHECKED BY

TC22

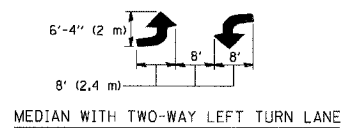


\* FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.  
 \* DIAGONAL LINE SPACING: 20' (6.1 m) C-C

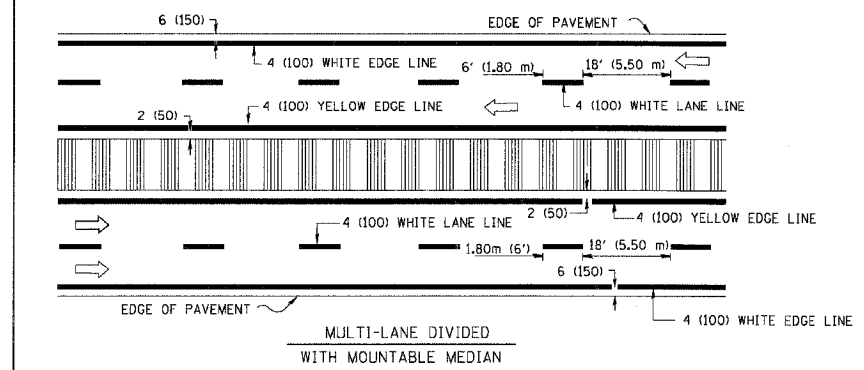
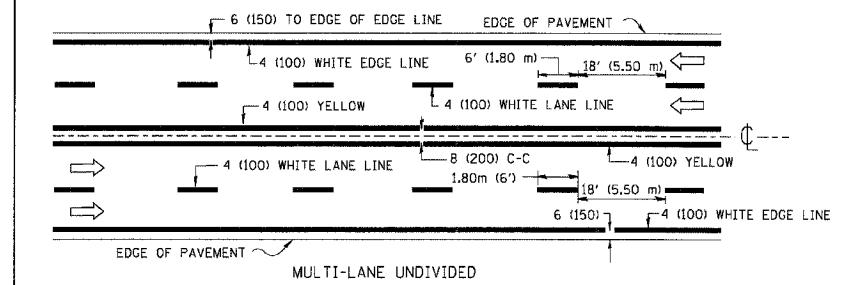
PAINTED MEDIANS



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.

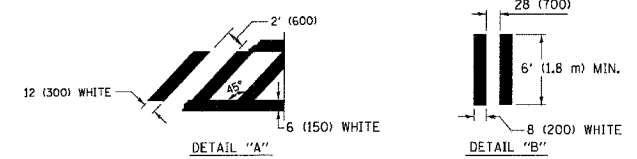
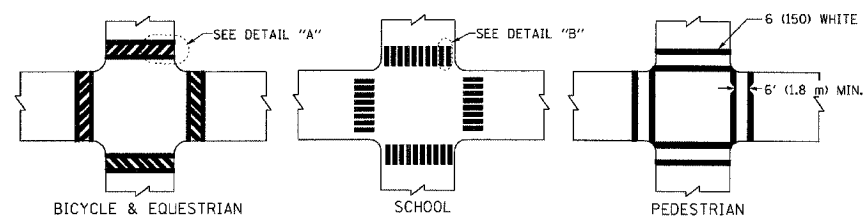


TYPICAL PAINTED MEDIAN MARKING

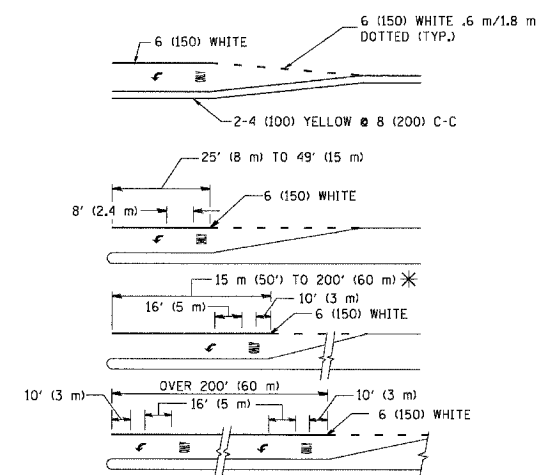


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING

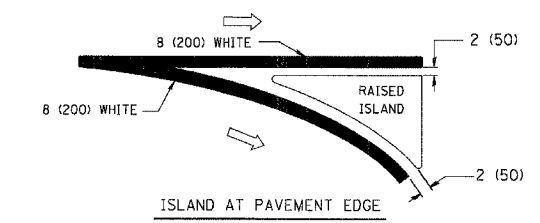
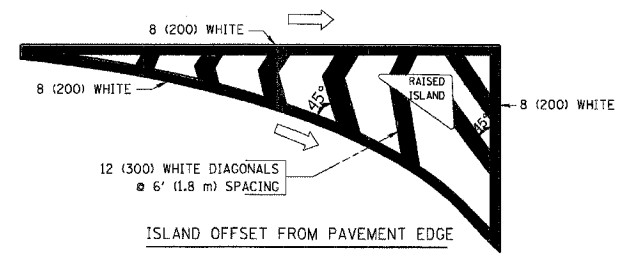


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
 \* AREA = 15.8 SQ. FT. (1.47 m²) ONLY AREA = 22.9 SQ. FT. (2.13 m²)

\* 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

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 FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	8 (200) C-C
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" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33m²) EACH "X"=54.0 SQ. FT. (5.0 m²)

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

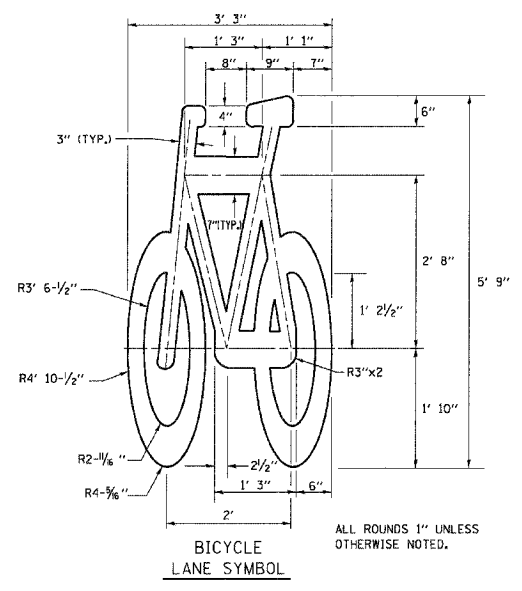
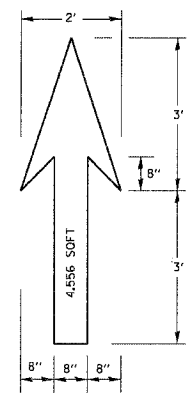
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
T. RAMMACHER	12/07/00

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 CITY OF CHICAGO  
 TYPICAL PAVEMENT MARKINGS

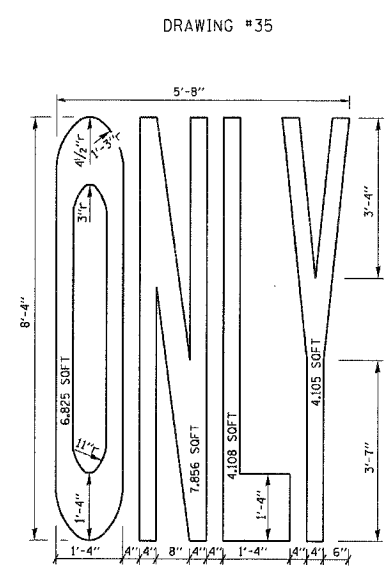
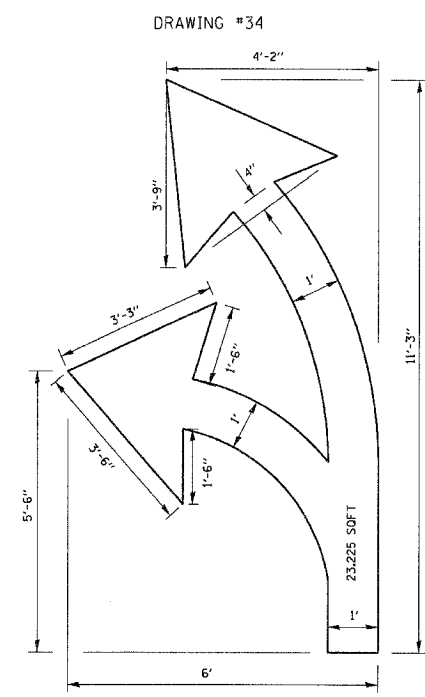
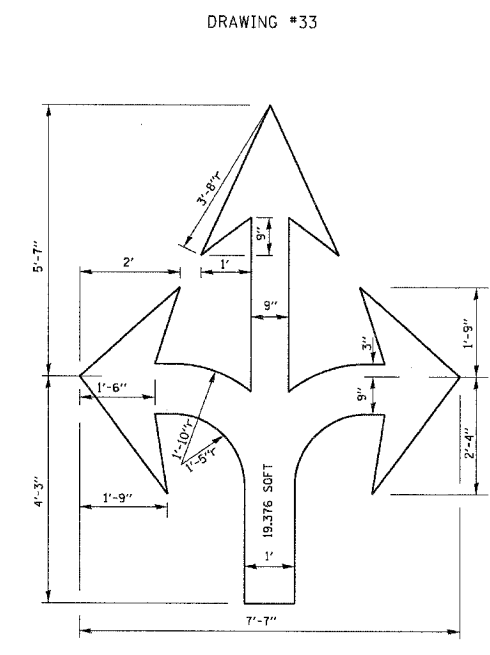
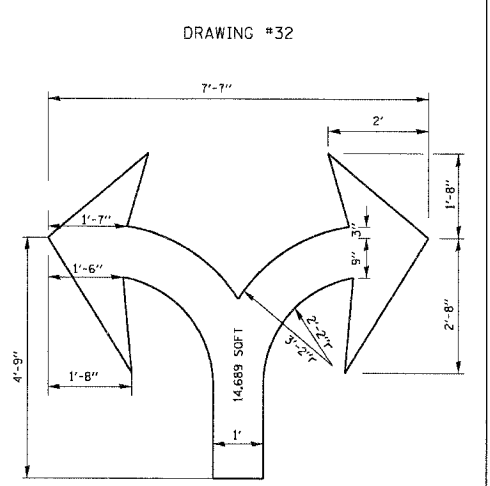
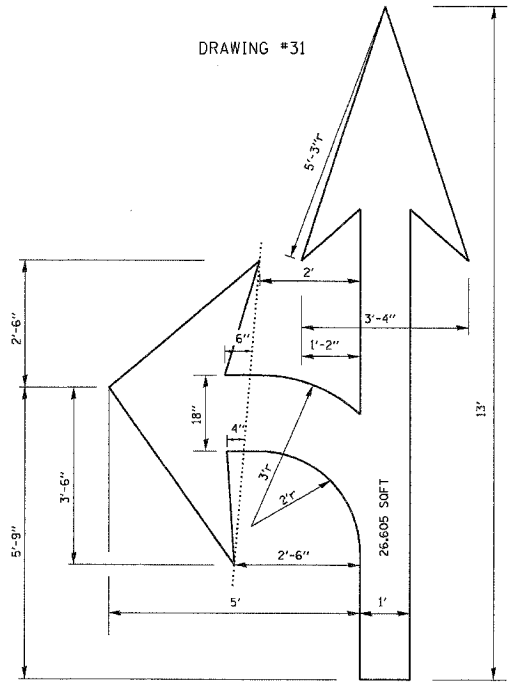
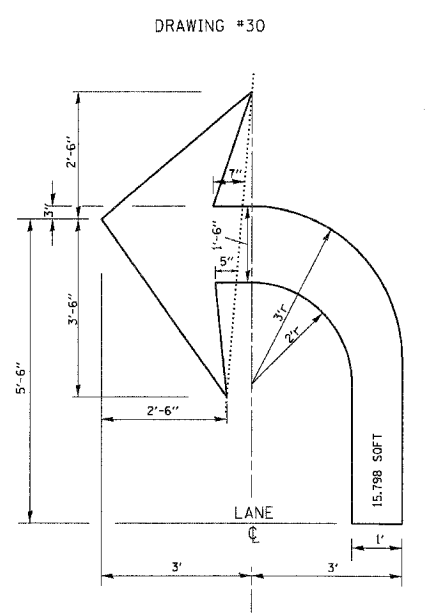
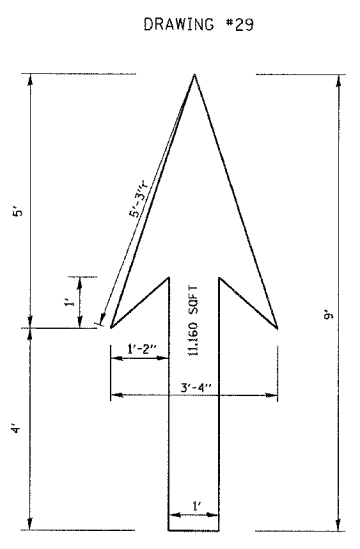
SCALE: NONE

DRAWN BY CADD  
 CHECKED BY  
 TC-24



**NOTE:**  
 1.) 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.  
 2.) 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

PLOT DATE = 3/7/2007  
 FILE NAME = K:\GIS\2005\073\028.dwg  
 PLOT SCALE = 3/8\"/>

REVISIONS	
NAME	DATE
T. RAMMACHER	12/07/08

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CITY OF CHICAGO**  
**TYPICAL PAVEMENT MARKINGS**  
 SCALE: NONE  
 DRAWN BY  
 CHECKED BY  
 TC-24