

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	1
		ILLINOIS	CONTRACT NO. 62A93	

FOR INDEX OF SHEETS, STANDARDS, AND GENERAL NOTES SEE SHEET NO. 2

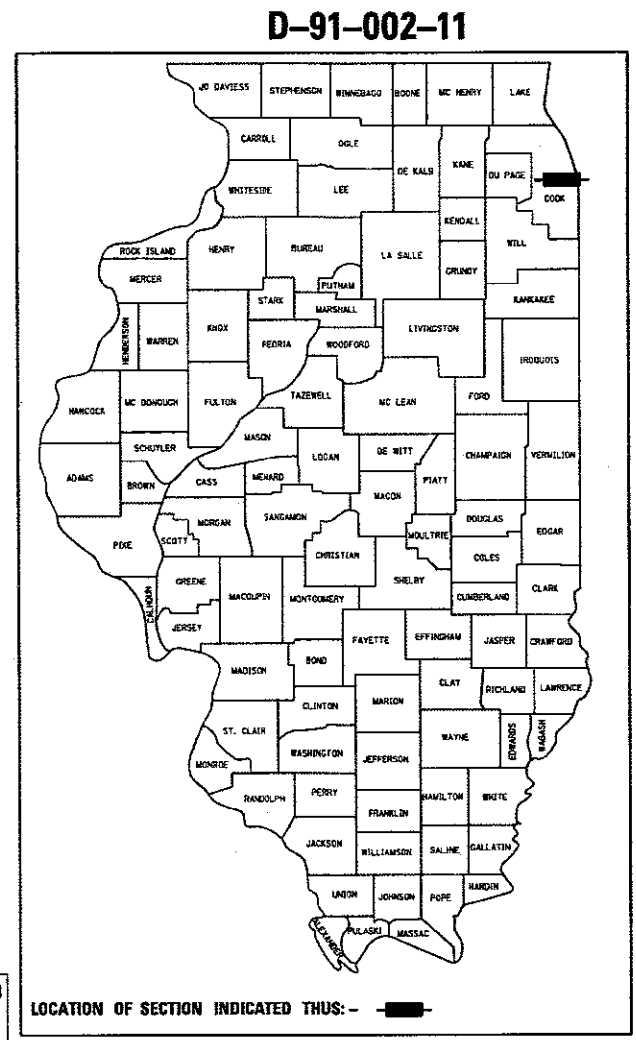
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
**PROPOSED  
HIGHWAY PLANS**

LOCATION:	ADT (2040):	DESIGN DESIGNATIONS:	POSTED /DESIGN SPEEDS:
NB I-55	70,000	5600 (40) INTERSTATE 5.57(PCC-20)	45 /50 MPH
RAMP ES	23,000	1840 (40) INTERSTATE (RAMP) 2.49(PCC-20)	35 /35 MPH
RAMP EN	47,000	3760 (40) INTERSTATE (RAMP) 2.34(PCC-20)	35 /35 MPH
SB I-55	63,000	4970 (40) INTERSTATE 5.57(PCC-20)	45 /50 MPH
RAMP NW	22,000	2180 (40) INTERSTATE (RAMP) 1.84(PCC-20)	35 /35 MPH
RAMP SW	41,000	3250 (40) INTERSTATE (RAMP) 3.24(PCC-20)	35 /35 MPH



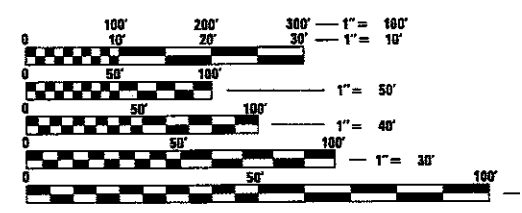
*Michael J. Eichten* 8/31/17  
MICHAEL J. EICHTEIN, P.E. DATE  
LICENSE EXPIRES 11/30/2017  
SHEET RANGE

F.A.I. ROUTE 55 (STEVENS ON EXPRESSWAY)  
I-55 FROM PRAIRIE AVENUE TO I-55 EASTERN TERMINUS  
LAKESHORE DRIVE FROM RAMP NW EXIT RAMP TO 23RD STREET PEDESTRIAN BRIDGE  
SECTION: 2015-036LS  
PROJECT: NHPP-WS41 (439)  
LANDSCAPING  
COOK COUNTY  
C-91-354-15



DISTRICT 1 DESIGN /CONSULTANT SERVICES: BRIAN KUTTAB, P.E. (847)705-4431 SCHAUMBURG, ILLINOIS

IMPROVEMENT LOCATED IN CITY OF CHICAGO

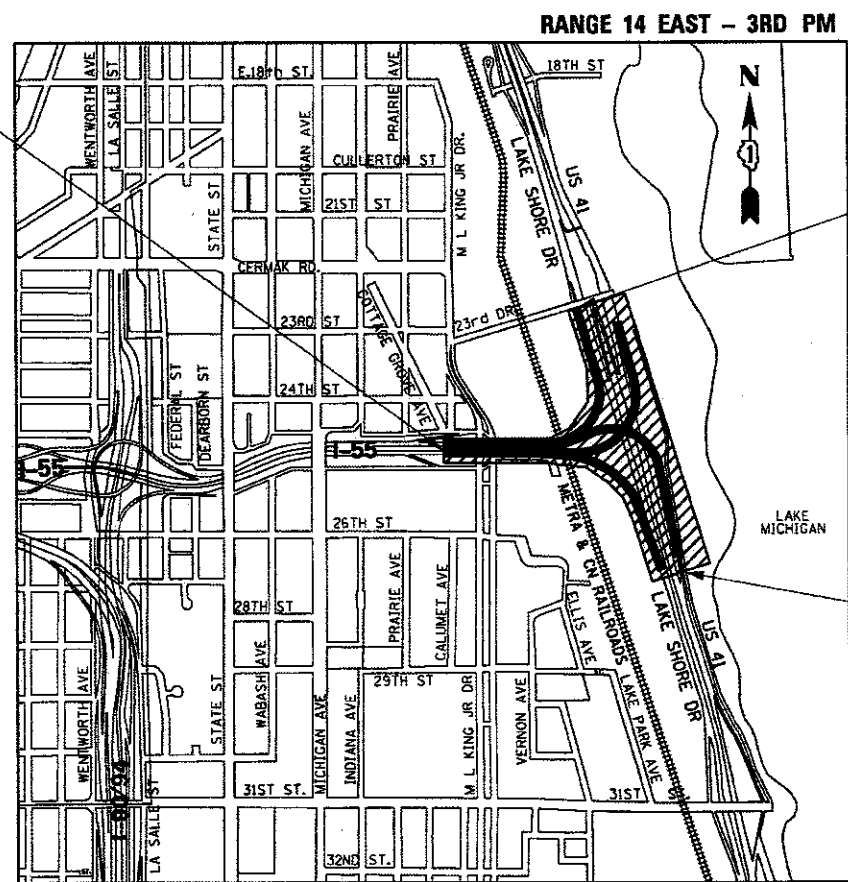


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

C.U.A.N.  
CHICAGO UTILITY ALERT NETWORK  
1-312-744-7000

PROJECT MANAGER - BRIAN KUTTAB

CONTRACT NO. 62A93



WESTERN LIMITS ALONG I-55 TO BEGIN AT STA. 80+86.00 (SB I-55 BASELINE)

NORTHERN LIMITS ALONG NB & SB LSD TO END AT STA. 110+00.00 (RAMP SW BASELINE)

SOUTHERN LIMITS ALONG NB & SB LSD TO END AT STA. 422+00.00 (RAMP NW BASELINE)

LOCATION MAP  
NOT TO SCALE

GROSS LENGTH = 5,869 FT. = 1.112 MILE  
NET LENGTH = 5,869 FT. = 1.112 MILE

**AECOM** 303 EAST WACKER DRIVE, SUITE 1400  
CHICAGO, IL 60601-5276  
PHONE: (312) 373-7700  
FAX: (312) 373-6800

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED *October 5 2017*  
*Paul J. Dugley*  
REGIONAL ENGINEER

*Feb 2 2018*  
*Paul J. Dugley*  
ENGINEER OF DESIGN AND ENVIRONMENT

*Feb 2 2018*  
*Paul J. Dugley*  
DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

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## COMMITMENTS

NONE

## GENERAL PLANTING NOTES

1. DETERMINE EXACT LOCATIONS OF ALL UNDERGROUND UTILITIES AND VERIFY IN FIELD. REPORT ANY CONFLICTS TO ENGINEER PRIOR TO BEGINNING WORK.
2. INFORM ENGINEER AS EACH PHASE OF WORK IS UNDERTAKEN.
3. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING CURRENT CONDITIONS ON SITE. ANY DAMAGE THAT OCCURS TO SITE DURING CONSTRUCTION IS CONTRACTOR'S RESPONSIBILITY WITHOUT EXPENSE TO OWNER.
4. PROTECT EXISTING VEGETATION INCLUDING ALL EXISTING PARKWAY AND INTERIOR TREES. REPLACE DAMAGED VEGETATION WITH APPROVED SIMILAR MATERIAL.
5. CAREFULLY MAINTAIN PRESENT GRADE DRIPLINE OF ALL EXISTING TREES TO REMAIN. PREVENT ANY DISTURBANCE OF EXISTING TREES. USE TREE PROTECTION WHERE INDICATED. PROTECT EXISTING TREES TO REMAIN IN PLACE AGAINST UNNECESSARY CUTTING, BREAKING OR SKINNING OF ROOTS, BRUISING OF BARK OR SMOTHERING OF TREES. DRIVING, PARKING, DUMPING, STOCKPILING AND/OR STORAGE OF VEHICLES, EQUIPMENT, SUPPLIES, MATERIALS OR DEBRIS ON TOP OF THE ROOT ZONES AND/OR WITHIN THE DRIPLINE OF EXISTING TREES OR OTHER PLANT MATERIAL TO REMAIN IS STRICTLY PROHIBITED.
6. MAINTAIN SITE DRAINAGE DURING LANDSCAPE INSTALLATION.
7. PRIOR TO LANDSCAPE INSTALLATION, VERIFY PLANTING AREAS ARE GRADED AT +/- 0.1 FOOT TO FINISH GRADE.
8. FINISH GRADE TO 1" BELOW FINISH PAVING SURFACE IN LAWN AREAS AND 2" BELOW IN PLANTING AREAS.
9. REGRADE AND SEED ALL LAWN AREAS DISTURBED DURING CONSTRUCTION THAT ARE NOT CALLED OUT TO BE SODDED OR PLANTED. COVER SEEDED AREAS WITH A BIODEGRADABLE MULCH BLANKET. THIS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PLANTING ITEMS.
10. CONFIRM ALL PLANT QUANTITIES. PROVIDE PLANT MATERIALS SUFFICIENT TO COVER AREAS SHOWN ON PLANS AT THE SPACINGS INDICATED.
11. PROVIDE IDENTIFICATION TAG FROM THE SUPPLYING NURSERY SHOWING COMMON AND BOTANICAL PLANT NAMES FOR AT LEAST ONE PLANT OF EACH SPECIES DELIVERED TO THE SITE. PROTECT ALL PLANTS AGAINST HEAT, SUN, WIND AND FROST DURING TRANSPORTATION TO THE SITE AND WHILE BEING HELD AT THE SITE. DO NOT STORE PLANTS IN TOTAL DARKNESS MORE THAN ONE DAY.
12. DO NOT DAMAGE PLANT ROOT BALL DURING TRANSPORTATION OR PLANTING.
13. NOTIFY THE ENGINEER AT THE TIME OF DELIVERY OF ANY PLANT MATERIAL THAT IS DAMAGED OR IN POOR CONDITION.
14. ENGINEER RESERVES THE RIGHT TO INSPECT ALL PLANT MATERIALS BEFORE PLANTING. MATERIAL MAY BE REJECTED AT ANY TIME DUE TO CONDITION, FORM OR DAMAGE BEFORE OR AFTER PLANTING.
15. REMOVE ALL ROCK AND DEBRIS 1" AND LARGER FROM PLANTING AREAS. LEGALLY DISPOSE ALL EXCESS MATERIALS RESULTING FROM THE WORK.
16. REMOVE AGGREGATE (CA-6) TO AN ADEQUATE DEPTH TO ENSURE THAT NO PART OF THE PLANT MATERIAL IS IN CONTACT OR AFFECTED BY THE LIME IN THE AGGREGATE (CA-6) AS APPROVED BY ENGINEER.
17. IN PLANTING SOIL PIT, REMOVE CRUSHED AGGREGATE TO AN ADEQUATE DEPTH TO ENSURE THAT NO PART OF THE PLANT MATERIAL IS IN CONTACT OR AFFECTED BY THE LIME OR LIMESTONE IN THE AGGREGATE.
18. STAKE LOCATION OF ALL TREES, HEDGE LINES AND PLANTING BEDS AND NOTIFY THE ROADSIDE DEVELOPMENT UNIT AT (847)705-4171 FOR REVIEW, A MINIMUM OF 3 DAYS PRIOR TO PLANTING.

## HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
701001-02	OFF-RD OPERATIONS, 2L, 2W MORE THAN 15' (4.5m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS 2L, 2W, DAY ONLY
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-11	LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-11	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701421-08	LANE CLOSURE, MULTILANE DAY OPERATIONS ONLY, FOR SPEEDS > 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS > 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS < 40 MPH
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701901-07	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

## DISTRICT 1 STANDARDS

TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS INTERSECTIONS AND DRIVEWAYS
TC-17	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
TC-18	FREEWAY/EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS ON FREEWAY/EXPRESSWAYS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-25	TRAFFIC CONTROL DETAILS FOR FREEWAY CENTER LANE CLOSURE SHOULDER LANE

## GENERAL PLANTING NOTES CONTINUED

19. THE PLANTING PLANS ARE DIAGRAMMATIC. SPOT PLANT MATERIALS APPROXIMATELY AS SHOWN ON THE LANDSCAPE DRAWING AND NOTIFY ENGINEER FOR REVIEW BEFORE REMOVING FROM CONTAINERS.
20. INSTALL ALL PLANT MATERIAL IN ACCORDANCE WITH DETAILS AND SPECIFICATIONS.
21. REMOVE ALL PLANT TYING MATERIAL AND MARKING TAPES AT THE TIME OF PLANTING.
22. NO PLANT MATERIAL SHALL BE INSTALLED BEFORE BELOW-GROUND IRRIGATION SYSTEM COMPONENTS HAVE BEEN INSTALLED AND ARE OPERATIONAL.
23. TREES AND SHRUBS MUST BE INSTALLED PRIOR TO PERENNIALS AND GRASSES TO ESTABLISH PROPER LAYOUT AND TO AVOID DAMAGE TO OTHER SMALLER PLANTINGS.
24. PLANTING WORK SHALL NOT BEGIN UNTIL SPRING 2018.
25. AN EXISTING IRRIGATION SYSTEM IS LOCATED WITHIN THE MEDIAN OF LAKESHORE DRIVE. EXISTING IRRIGATION PLANS HAVE BEEN INCLUDED FOR INFORMATION ONLY. THESE PLANS MAY NOT REPRESENT ACTUAL FIELD CONDITIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE THE EXISTING IRRIGATION SYSTEM AND PROTECT IT DURING THE INSTALLATION OF THE LANDSCAPE IMPROVEMENTS. ANY DAMAGE TO THE IRRIGATION SYSTEM WILL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE.
26. CONTRACT 62A93 WILL USE THE FIELD OFFICES PROVIDED UNDER CONTRACT 60L70 AND CONTRACT 60X07. WHEN THESE FIELD OFFICES BECOME UNAVAILABLE, THE CONTRACTOR WILL UTILIZE AN AVAILABLE FIELD OFFICE FROM THE CIRCLE INTERCHANGE CONTRACT AS PER THE DIRECTION OF THE ENGINEER.
27. ALL ELEVATIONS IN THE PLANS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). THE CONVERSION OF NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) TO CITY OF CHICAGO DATUM IS APPROXIMATELY 579.19 FEET.
28. ANY TREE PRUNING OR TREE REMOVALS ON CITY PROPERTY WILL REQUIRE A BUREAU OF FORESTRY PERMIT AND APPROVAL FROM THE CHICAGO DEPARTMENT OF TRANSPORTATION.
29. ALL LANDSCAPING WORK SHALL BE CONFINED TO THE WORK ZONES AS SHOWN IN THE PLANS. THE CONTRACTOR WILL NOT BE ALLOWED TO STAGE MATERIALS, EQUIPMENT, OR PARK VEHICLES OUTSIDE THE DEFINED WORK ZONE.
30. MULCH SHALL BE PLACED WITH THE PROPOSED LANDSCAPE IMPROVEMENTS IN ACCORDANCE WITH SECTIONS 253 AND 254 OF THE STANDARD SPECIFICATIONS AND INCLUDED IN THE COST OF THE TREES, EVERGREENS, SHRUBS, PERENNIALS, GRASSES, BULBS, AND VINES. MULCH PLACED AT ANY EXISTING TREES AS DIRECTED BY THE ENGINEER SHALL BE PAID FOR AS MULCH PLACEMENT, 3".
31. A NOMINAL QUANTITY FOR TREE REMOVALS, STUMP REMOVALS, AND SELECTIVE CLEARING HAS BEEN PROVIDED FOR USE AT THE LOCATIONS AS DIRECTED BY THE ENGINEER.
32. NURSERY TREE INSPECTIONS MUST BE COORDINATED BETWEEN IDOT AND CDOT.
33. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM THAT IS PREQUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

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USER NAME = HENADC  
 PLOT SCALE = 100.0000' / 1" = 100'  
 PLOT DATE = 12/13/2017

DESIGNED - KP  
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 CHECKED - MJE  
 DATE - 10/20/2017

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS AND GENERAL NOTES

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	2
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				90% FEDERAL 10% STATE	
				LANDSCAPING 0031 URBAN	
20100110	TREE REMOVAL ( 6 TO 15 UNITS DIAMETER)	UNIT	180	180	
20100210	TREE REMOVAL ( OVER 15 UNITS DIAMETER)	UNIT	200	200	
20101000	TEMPORARY FENCE	FOOT	200	200	
20101200	TREE ROOT PRUNING	EACH	15	15	
20101300	TREE PRUNING ( 1 TO 10 INCH DIAMETER)	EACH	29	29	
20101350	TREE PRUNING ( OVER 10 INCH DIAMETER)	EACH	15	15	
20101400	NITROGEN FERTILIZER NUTRIENT	POUND	360	360	
20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	360	360	
20400800	FURNISHED EXCAVATION	CU YD	1906	1906	
20900110	POROUS GRANULAR BACKFILL	CU YD	212	212	
25000210	SEEDING, CLASS 2A	ACRE	1.25	1.25	
25000750	MOWING	ACRE	37.00	37.00	
25100115	MULCH, METHOD 2	ACRE	2.00	2.00	
25100630	EROSION CONTROL BLANKET	SQ YD	9203	9203	

\* DENOTES SPECIALTY ITEM \*\* DENOTES NON-PARTICIPATING ITEM



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PLOT DATE - 12/13/2017	DATE - 10/20/2017	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 1 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	3
CONTRACT NO. 62A93			ILLINOIS FED. AID PROJECT	

FILE NAME: D:\62A93-SH-000-ALL-SHEETS.DWG

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				90% FEDERAL 10% STATE LANDSCAPING 0031 URBAN
25200110	SODDING, SALT TOLERANT	SQ YD	376	376
25200200	SUPPLEMENTAL WATERING	UNIT	320	320
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	380	380
28000400	PERIMETER EROSION BARRIER	FOOT	1417	1417
28000510	INLET FILTERS	EACH	37	37
28100107	STONE RIPRAP, CLASS A4	SQ YD	2656	2656
28200200	FILTER FABRIC	SQ YD	2656	2656
40200300	AGGREGATE SURFACE COURSE, TYPE A 4"	SQ YD	323	323
60108106	PIPE UNDERDRAINS, TYPE 1, 6"	FOOT	345	345
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	1	1
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	275	275
* 66900210	HAZARDOUS WASTE DISPOSAL	CU YD	10	10
* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2

\* DENOTES SPECIALTY ITEM \*\* DENOTES NON-PARTICIPATING ITFM

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 2 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	4
				CONTRACT NO. 62A93
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				90% FEDERAL 10% STATE
				LANDSCAPING
				0031
				URBAN
67100100	MOBILIZATION	LSUM	1	1
A2002824	TREE, CATALPA SPECIOSA (NORTHERN CATALPA), 3" CALIPER, BALLED AND BURLAPPED	EACH	13	13
A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	17	17
A2004514	TREE, GINKGO BILOBA AUTUMN GOLD (AUTUMN GOLD GINKGO), 2-1/2" CALIPER BALLED AND BURLAPPED	EACH	4	4
A2005024	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 3" CALIPER, BALLED AND BURLAPPED	EACH	38	38
A2005924	TREE, PLATANUS X ACERIFOLIA BLOODGOOD (BLOODGOOD LONDON PLANETREE), 3" CALIPER, BALLED AND BURLAPPED	EACH	3	3
A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	25	25
A2006716	TREE, QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3
A2007624	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 3" CALIPER, BALLED AND BURLAPPED	EACH	6	6
A2008470	TREE, ULMUS AMERICANA PRINCETON (PRINCETON AMERICAN ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	40	40
A2008750	TREE, ULMUS X PATRIOT (PATRIOT ELM), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	7	7
B2000767	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 8' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	5	5
B2001770	TREE, CRATAEGUS CRUSGALLI VAR. INERMIS (THORNLESS COCKSPUR HAWTHORN), 8' HEIGHT, BALLED AND BURLAPPED, MULTI-HEADS	EACH	18	18
B2004000	TREE, MALUS ORANGE CRUSH (ORANGE CRUSH CRABAPPLE), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	3	3

\* DENOTES SPECIALTY ITEM \*\* DENOTES NON-PARTICIPATING ITEM

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET NO. 3 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	5
CONTRACT NO. 62A93			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				90% FEDERAL	10% STATE
				LANDSCAPING	
				0031	URBAN
C2005724	SHRUB, RHUS AROMATICA (FRAGRANT SUMAC), 2' WIDTH, BALLED AND BURLAPPED	EACH	259		259
C2011600	SHRUB, VIBURNUM DENTATUM BLUE MUFFIN (BLUE MUFFIN ARROWHEAD), 3' HEIGHT, BALLED AND BURLAPPED	EACH	192		192
D2000636	EVERGREEN, JUNIPERUS CHINENSIS SEA GREEN (SEA GREEN JUNIPER), 3' WIDTH, BALLED AND BURLAPPED	EACH	38		38
D2001660	EVERGREEN, JUNIPERUS VIRGINIANA CANAERTII (CANAERTI RED CEDAR), 5' HEIGHT, BALLED AND BURLAPPED	EACH	47		47
E20200G1	VINE-PARTHENOCISSUS QUINQUEFOLIA (VIRGINIA CREEPER), 1-GALLON POT	EACH	15		15
E20220G1	VINE-PARTHENOCISSUS TRICUSPIDATA (BOSTON IVY), 1-GALLON POT	EACH	480		480
K0012970	PERENNIAL PLANTS, BULB TYPE	UNIT	8		8
K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	28		28
K0026700	TREE CARE	EACH	270		270
K0026810	SHRUB CARE	EACH	600		600
K0026820	VINE CARE	EACH	500		500
K0026850	PERENNIAL PLANT CARE	SQ YD	800		800
K0029614	WEED CONTROL, AQUATIC	GALLON	2.5		2.5
K0029618	WEED CONTROL, BROADLEAF IN TURF	GALLON	2.5		2.5

\* DENOTES SPECIALTY ITEM \*\* DENOTES NON-PARTICIPATING ITEM



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET NO. 4 OF 6 SHEETS STA. TO STA.

F.A.I. RTEL.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	6
CONTRACT NO. 62A93			ILLINOIS FED. AID PROJECT	

FILE NAME: D:\2015\11-550-A11-RHW\11-550-A11-RHW.dwg

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				90% FEDERAL 10% STATE	LANDSCAPING 0031 URBAN
K0029632	WEED CONTROL, NON-SELECTIVE AND NON-RESIDUAL	GALLON	15		15
K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	51		51
K0036118	MULCH PLACEMENT 3"	SQ YD	314		314
** K1003660	MOWING CYCLES	EACH	48		48
Z0013798	CONSTRUCTION LAYOUT	LSUM	1		1
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	81		81
Z0064800	SELECTIVE CLEARING	UNIT	2		2
<del>0 Z0076600</del>	<del>TRAINEES</del>	<del>HOURL</del>			
<del>0 Z0076604</del>	<del>TRAINEES TRAINING PROGRAM GRADUATE</del>	<del>HOURL</del>			
X1800001	SHRUB, VIBURNUM DENTATUM RASTZAM (RASPBERRY TART ARROWWOOD VIBURNUM), 24" HEIGHT, 5-GALLON CONTAINER	EACH	36		36
X2000001	WEED CONTROL, NATIVE LANDSCAPE REMEDIATION	UNIT	200		200
X2010310	TREE REMOVAL (SPECIAL)	UNIT	100		100
X2010400	STUMP REMOVAL ONLY	UNIT	200		200
X2110100	TOPSOIL FURNISH AND PLACE, SPECIAL	CU YD	610		610

\* DENOTES SPECIALTY ITEM \*\* ILLINOIS NON-PARTICIPATING ITEM 0042

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USER NAME = HENADC  
 PLOT SCALE = 100.0001' / 1" / 1" / 1"  
 PLOT DATE = 12/13/2017

DESIGNED - KP  
 DRAWN - CRH  
 CHECKED - MJE  
 DATE - 10/20/2017

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET NO. 5 OF 6 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION 2015-036LS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 7
CONTRACT NO. 62A93			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				90% FEDERAL 10% STATE	LANDSCAPING 0031 URBAN
X2111100	TOPSOIL EXCAVATION AND PLACEMENT, SPECIAL	CU YD	740		740
X2501820	SEEDING, CLASS 5 (MODIFIED)	ACRE	1.50		1.50
X2502014	SEEDING, CLASS 4A (MODIFIED)	ACRE	1.50		1.50
** X2503100	MOWING	UNIT	10		10
X2503315	INTERSEEDING, CLASS 4A (MODIFIED)	ACRE	5.00		5.00
X2503321	INTERSEEDING, CLASS 5 (MODIFIED)	ACRE	5.00		5.00
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1		1
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	LSUM	1		1
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	60		60
X1800012	GYMNOCLADUS DIOICUS (DECAF KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6		6
X1800013	TREE, GLEDITSIA TRIACANTHOS VAR. INERMIS DRAVES (STREET KEEPER HONEYLOCUST), 2" CALIPER, BALLED AND BURLAPPED	EACH	26		26
X1800014	DIERVILLA KODIAK ORANGE (KODIAK ORANGE BUSH-HONEYSUCKLE), 24" HEIGHT, 5-GALLON CONTAINER	EACH	32		32

\* DENOTES SPECIALTY ITEM \*\* DENOTES NON-PARTICIPATING ITEM

FILE NAME: DISCOUNTS.DWG



USER NAME: HENADC  
PLOT SCALE: 100.0001' / 1" / 1"  
PLOT DATE: 12/13/2017

DESIGNED: KP  
DRAWN: CRH  
CHECKED: MJE  
DATE: 10/20/2017

REVISED: -  
REVISED: -  
REVISED: -  
REVISED: -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 6 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	8
CONTRACT NO. 62A93			ILLINOIS FED. AID PROJECT	





62A93 - CALENDAR OF LANDSCAPE CONSTRUCTION AND ESTABLISHMENT WORK

ITEM	2018								2019								2020														
	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV
	PHASE I		PHASE II						PHASE III			PHASE IV					PHASE V				PHASE VI										

PERENNIAL PLANTING AND PERENNIAL PLANT CARE	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV		
<p><b>INSTALL PERENNIALS (ORNAMENTAL TYPE)</b></p> <p><b>PERIOD OF ESTABLISHMENT WORK</b> WATER PERENNIALS TWICE A WEEK FOR FOUR WEEKS AFTER INSTALLATION AND WEED PERENNIAL BEDS ONCE A WEEK</p> <p><b>PERENNIAL PLANT CARE</b> AFTER COMPLETION OF PERIOD OF ESTABLISHMENT (ONCE A WEEK OR AS DIRECTED BY THE ENGINEER)</p> <p><b>SUPPLEMENTAL WATERING</b> AFTER COMPLETION OF PERIOD OF ESTABLISHMENT (ONCE A WEEK OR AS DIRECTED BY THE ENGINEER)</p> <p><b>INSTALL BULBS</b></p>																																	

TREE REMOVAL AND PROTECTION	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	
<p><b>PROTECTION OF EXISTING PLANT MATERIAL</b></p> <p><b>TEMPORARY FENCE</b> THE FENCE SHALL BE ERECTED ON ALL FOUR SIDES OF THE DRIP-LINE OF THE TREE TO CREATE A "TREE PROTECTION ZONE"</p> <p><b>TREE TRUNK PROTECTION</b> TO PREVENT SCARRING OF TREES</p> <p><b>CARE OF EXISTING PLANT MATERIAL</b></p> <p><b>TREE ROOT PRUNING</b> TO BE DONE WHENEVER PROPOSED EXCAVATION FALLS WITHIN DRIPLINE OF A TREE; TO BE PERFORMED BY A PROFESSIONAL ARBORIST</p> <p><b>TREE PRUNING</b> SHALL CONSIST OF PRUNING FOR AESTHETIC AND STRUCTURAL ENHANCEMENT; TO BE PERFORMED BY A PROFESSIONAL ARBORIST (OCTOBER 15 - APRIL 15)</p> <p><b>TREE REMOVAL</b></p> <p><b>TREE REMOVAL</b> SHALL BE REMOVED TO A DEPTH OF NOT LESS THAN 12" BELOW THE ELEVATION OF THE GROUND LINE</p> <p><b>SELECTIVE CLEARING</b> SHALL CONSIST OF EXTENSIVE REMOVAL &amp; DISPOSAL OF SHRUBS, BRUSH, DEBRIS, &amp; SELECTED TREES UP TO 6" IN DIAMETER</p> <p><b>STUMP REMOVAL</b> SHALL BE REMOVED TO A DEPTH OF NOT LESS THAN 12" BELOW THE ELEVATION OF THE GROUND LINE</p>																																

FILE NAME = D:\62A93-Sht-Construction\Calendar02.dgn



USER NAME : HENADC	DESIGNED - KP	REVISED -
PLOT SCALE : 1/147,4999' / in.	DRAWN - CRH	REVISED -
PLOT DATE : 12/12/2017	CHECKED - MJE	REVISED -
	DATE - 10/20/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING CONSTRUCTION SCHEDULE**

SCALE SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	10
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				

62A93 - CALENDAR OF LANDSCAPE CONSTRUCTION AND ESTABLISHMENT WORK

ITEM	2018								2019								2020														
	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV
	PHASE I		PHASE II						PHASE III				PHASE IV				PHASE V				PHASE VI										

**TURF RESTORATION AND ESTABLISHMENT WORK**

<b>WEED CONTROL, BROADLEAF WEED CONTROL</b> TO CONTROL BROADLEAF WEEDS IN TURF GRASS AND AS DIRECTED BY THE ENGINEER  <b>SODDING, SALT TOLERANCE</b> SPRING: MARCH 15 TO JUNE 30 FALL: SEPTEMBER 1 TO NOVEMBER 30  <b>SEEDING, CLASS 2A</b> SPRING: APRIL 1 TO JUNE 15 FALL: AUGUST 1 TO NOVEMBER 1  <b>DORMANT SEEDING: NOVEMBER 1 TO MARCH 31</b>  <b>MOWING (CYCLE)</b> WHEN GRASS REACHES A HEIGHT OF 4" OR AS DIRECTED BY THE ENGINEER	AS NEEDED																													
	AS NEEDED																													
	AS NEEDED																													
	AS NEEDED																													
	AS NEEDED																													
	2	2	2	2	2	2	2																							

**NATIVE AREAS RESTORATION AND ESTABLISHMENT WORK**

<b>WEED CONTROL</b> <b>WEED CONTROL, NON-SELECTIVE AND NON-RESIDUAL (AQUATIC)</b> TO KILL TURF AREAS TO BE INTERSEEDED WITH NATIVE SEEDING AND AS DIRECTED BY THE ENGINEER  <b>WEED CONTROL, NATIVE LANDSCAPE REMEDIATION</b> SELECTIVE, SPOT SPRAYING AS DIRECTED BY THE ENGINEER  <b>INTERSEEDING, CLASS 4, 4A, 5, &amp; 5A</b> SPRING SEEDING: MARCH 15 TO MAY 15  <b>DORMANT SEEDING: NOVEMBER 15 TO MARCH 15</b>  <b>SEEDING, CLASS 4, 4A, 5, &amp; 5A</b> SPRING SEEDING: MARCH 15 TO MAY 15  <b>DORMANT SEEDING: NOVEMBER 15 TO MARCH 15</b>  <b>MOWING (ACRE)</b> TO A HEIGHT OF 5" WHEN REACHES A HEIGHT OF 10" OR AS DIRECTED BY THE ENGINEER  <b>MOWING (UNIT)</b> SELECTIVE, SPOT MOWING AS DIRECTED BY THE ENGINEER																												
	AS NEEDED TO CONTROL WEEDS																											
	AS NEEDED TO CONTROL WEEDS																											
	AS NEEDED TO CONTROL WEEDS																											
	AS NEEDED TO CONTROL WEEDS																											

FILE NAME = D:\62A93-Sht-C-Construction\Calendar03.dgn



USER NAME = HENAOC	DESIGNED - KP	REVISED -
PLOT SCALE = 1/4" = 1'-0"	DRAWN - CRH	REVISED -
PLOT DATE = 12/12/2017	CHECKED - MJE	REVISED -
	DATE = 10/20/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LANDSCAPING CONSTRUCTION SCHEDULE

SCALE SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62A93	

EX SB LAKE SHORE DRIVE				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
PC	EX_LSD-SB-1	2069+54.64	1,883,922.0918	1,181,865.9061
PI	EX_LSD-SB-1	2072+55.48	1,884,222.4331	1,181,848.6999
PT	EX_LSD-SB-1	2075+52.98	1,884,508.4617	1,181,755.4876
PC	EX_LSD-SB-2	2094+21.70	1,886,285.2153	1,181,176.4714
PI	EX_LSD-SB-2	2095+69.76	1,886,425.9971	1,181,130.5928
PT	EX_LSD-SB-2	2097+17.80	1,886,568.3432	1,181,089.8254
PC	EX_LSD-SB-3	2105+71.58	1,887,389.1265	1,180,854.7558
PI	EX_LSD-SB-3	2108+28.29	1,887,635.9091	1,180,784.0782
PT	EX_LSD-SB-3	2110+84.95	1,887,880.3593	1,180,705.7133
PC	EX_LSD-SB-4	2125+90.67	1,889,314.2021	1,180,246.0580
PI	EX_LSD-SB-4	2126+46.27	1,889,367.1496	1,180,229.0843
PT	EX_LSD-SB-4	2127+01.86	1,889,419.5217	1,180,210.4107
PC	EX_LSD-SB-5	2131+94.47	1,889,883.5144	1,180,044.9715
PI	EX_LSD-SB-5	2134+45.93	1,890,120.3725	1,179,960.5184
PT	EX_LSD-SB-5	2136+97.32	1,890,360.6158	1,179,886.2400
PC	EX_LSD-SB-6	2140+72.10	1,890,718.6757	1,179,775.5350
PI	EX_LSD-SB-6	2145+79.26	1,891,203.2064	1,179,625.7277
PT	EX_LSD-SB-6	2150+86.19	1,891,679.2099	1,179,450.7053
POT		2155+42.88	1,892,107.8444	1,179,293.1001

EX RAMP ES  
 EX CURVE RC6  
 PI STA. = 100+86.64  
 $\Delta = 54^\circ 01' 16''$  (RT)  
 $D = 11^\circ 14' 04''$   
 $R = 510.00'$   
 $T = 259.98'$   
 $L = 480.85'$   
 $E = 62.44'$   
 PC STA. = 98+26.66  
 PT STA. = 103+07.51

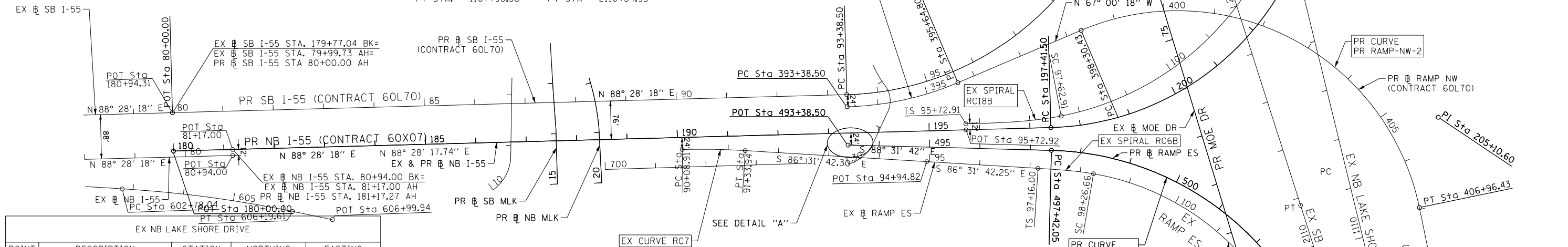
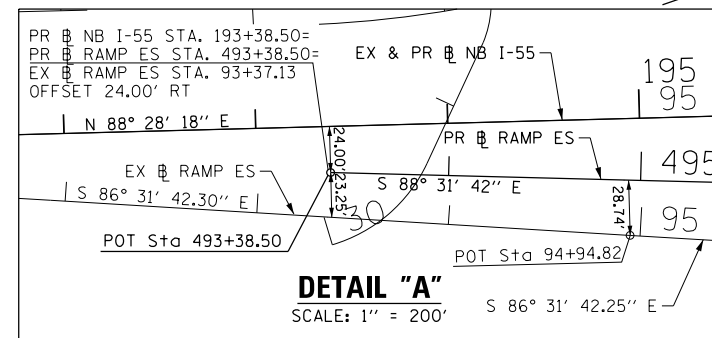
EX CURVE RC7  
 PI STA. = 90+71.46  
 $\Delta = 5^\circ 00' 00''$  (RT)  
 $D = 3^\circ 59' 57''$   
 $R = 1,432.68'$   
 $T = 62.55'$   
 $L = 125.03'$   
 $E = 1.36'$   
 PC STA. = 90+08.91  
 PT STA. = 91+33.94

EX RAMP EN  
 EX CURVE RC18  
 PI STA. = 103+01.74  
 $\Delta = 86^\circ 27' 54''$  (LT)  
 $D = 9^\circ 59' 49''$   
 $R = 573.14'$   
 $T = 538.83'$   
 $L = 864.92'$   
 $E = 213.51'$   
 PC STA. = 97+62.91  
 PT STA. = 106+27.83

EX NB LSD  
 EX CURVE RLSDNBPRO-11  
 PI STA. = 1101+80.53  
 $\Delta = 4^\circ 18' 14''$  (RT)  
 $D = 0^\circ 20' 57''$   
 $R = 16,404.20'$   
 $T = 616.42'$   
 $L = 1,232.27'$   
 $E = 11.58'$   
 PC STA. = 1095+64.11  
 PT STA. = 1107+96.38

EX CURVE EX\_LSD-SB-3  
 PI STA. = 2108+28.29  
 $\Delta = 1^\circ 47' 35''$  (LT)  
 $D = 0^\circ 20' 57''$   
 $R = 16,404.20'$   
 $T = 256.70'$   
 $L = 513.37'$   
 $E = 2.01'$   
 PC STA. = 2105+71.58  
 PT STA. = 2110+84.95

MOE DRIVE				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		70+00.00	1,887,730.9365	1,180,597.5019
PI		79+08.03	1,888,599.6327	1,180,333.1442
POT		80+09.18	1,888,696.8892	1,180,305.3547



EX NB LAKE SHORE DRIVE				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
PC	RLSDNBPRO-10	1069+46.02	1,883,926.8195	1,181,948.4486
PI	RLSDNBPRO-10	1072+57.57	1,884,237.8569	1,181,930.6296
PT	RLSDNBPRO-10	1075+65.66	1,884,534.0722	1,181,834.0984
PC	RLSDNBPRO-11	1095+64.11	1,886,434.1668	1,181,214.8871
PI	RLSDNBPRO-11	1101+80.53	1,887,020.2545	1,181,023.8904
PT	RLSDNBPRO-11	1107+96.38	1,887,619.0234	1,180,877.4173
PC	RLSDNBPRO-12	1127+55.10	1,889,521.6508	1,180,411.9884
PI	RLSDNBPRO-12	1130+66.59	1,889,824.2131	1,180,337.9748
PT	RLSDNBPRO-12	1133+74.42	1,890,096.8104	1,180,187.2678

NB MLK DRIVE				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		20+00.00	1,887,925.1100	1,179,319.0200
PC	NB_MLK-1	21+09.39	1,888,034.3600	1,179,313.4300
PI	NB_MLK-1	21+60.18	1,888,084.9381	1,179,308.8038
PT	NB_MLK-1	22+10.59	1,888,133.4188	1,179,293.6651

SB MLK DRIVE				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		15+00.00	1,887,922.5000	1,179,231.1000
PI		16+09.72	1,888,032.1800	1,179,228.1600
PI		16+85.88	1,888,108.1200	1,179,222.3800
POT		17+80.37	1,888,202.4562	1,179,217.0262

PR 55 NB & PR RAMP EN				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		180+00.00	1,887,988.1184	1,178,469.1770
PC	PR_55NB-1	197+41.50	1,888,034.5629	1,180,210.0576
PI	PR_55NB-1	205+10.60	1,888,055.0743	1,180,978.8839
PT	PR_55NB-1	207+80.73	1,888,773.1720	1,180,703.4746
PC	PR_55NB-2	208+82.72	1,888,868.3970	1,180,666.9534
PI	PR_55NB-2	209+64.80	1,888,945.0331	1,180,637.5614
PT	PR_55NB-2	210+46.80	1,889,023.6110	1,180,613.8442
PC	PR_55NB-3	213+74.83	1,889,337.6439	1,180,519.0595
PI	PR_55NB-3	214+18.01	1,889,378.9816	1,180,506.5825
PT	PR_55NB-3	214+61.18	1,889,420.0474	1,180,493.2376

PR RAMP ES				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		493+38.50	1,887,999.8237	1,179,807.8410
PC	PR_RAMP-ES-1	497+42.05	1,887,989.4586	1,180,211.2609
PI	PR_RAMP-ES-1	501+57.40	1,887,978.7908	1,180,626.4661
PT	PR_RAMP-ES-1	504+62.35	1,887,581.8678	1,180,748.7826
PC	PR_RAMP-ES-2	515+30.81	1,886,560.7867	1,181,063.4407
PI	PR_RAMP-ES-2	516+79.35	1,886,418.8337	1,181,107.1852
PT	PR_RAMP-ES-2	518+27.86	1,886,278.5517	1,181,156.0239

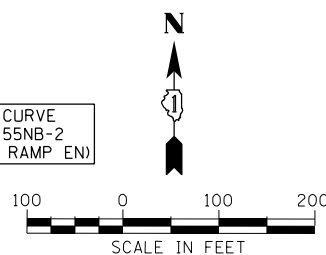
RAMP EN  
 PR CURVE PR\_55NB-1  
 PI STA. = 205+10.60  
 $\Delta = 109^\circ 27' 18''$  (LT)  
 $D = 10^\circ 31' 56''$   
 $R = 544.00'$   
 $T = 769.10'$   
 $L = 1,039.23'$   
 $E = 398.05'$   
 $e = 5.40\%$   
 T.R. = N/A  
 S.E. RUN = 105'  
 P.C. STA = 197+41.50  
 P.T. STA = 207+80.73

PR CURVE PR\_55NB-2  
 PI STA. = 209+64.80  
 $\Delta = 2^\circ 11' 16''$  (RT)  
 $D = 2^\circ 33' 08''$   
 $R = 2,245.00'$   
 $T = 82.08'$   
 $L = 164.09'$   
 $E = 1.50'$   
 $e = 2.50\%$   
 T.R. = N/A  
 S.E. RUN = 49'  
 P.C. STA = 208+82.72  
 P.T. STA = 210+46.80

PR CURVE PR\_55NB-3  
 PI STA. = 214+18.01  
 $\Delta = 4^\circ 12' 24''$  (LT)  
 $D = 1^\circ 23' 51''$   
 $R = 4,100.00'$   
 $T = 43.18'$   
 $L = 86.36'$   
 $E = 0.23'$   
 $e = NC$   
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 213+74.83  
 P.T. STA = 214+61.18

RAMP ES  
 PR CURVE PR\_RAMP-ES-1  
 PI STA. = 501+57.40  
 $\Delta = 71^\circ 24' 03''$  (RT)  
 $D = 9^\circ 54' 46''$   
 $R = 578.00'$   
 $T = 415.34'$   
 $L = 720.29'$   
 $E = 133.75'$   
 $e = 5.40\%$   
 T.R. = N/A  
 S.E. RUN = 66.00'  
 P.C. STA = 497+42.05  
 P.T. STA = 504+62.35

PR CURVE PR\_RAMP-ES-2  
 PI STA. = 516+79.35  
 $\Delta = 2^\circ 04' 05''$  (LT)  
 $D = 0^\circ 41' 46''$   
 $R = 8,229.55'$   
 $T = 148.54'$   
 $L = 297.05'$   
 $E = 1.36'$   
 $e = N.C.$   
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 515+30.81  
 P.T. STA = 518+27.86



FILE NAME = D:\2015\3173-1700\2015-036LS\ATB01.dgn



USER NAME = HENADC	DESIGNED - CRH	REVISED -
PLOT SCALE = 200.0000' / in.	DRAWN - CRH	REVISED -
PLOT DATE = 12/13/2017	CHECKED - MJE	REVISED -
	DATE = 10/20/2017	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

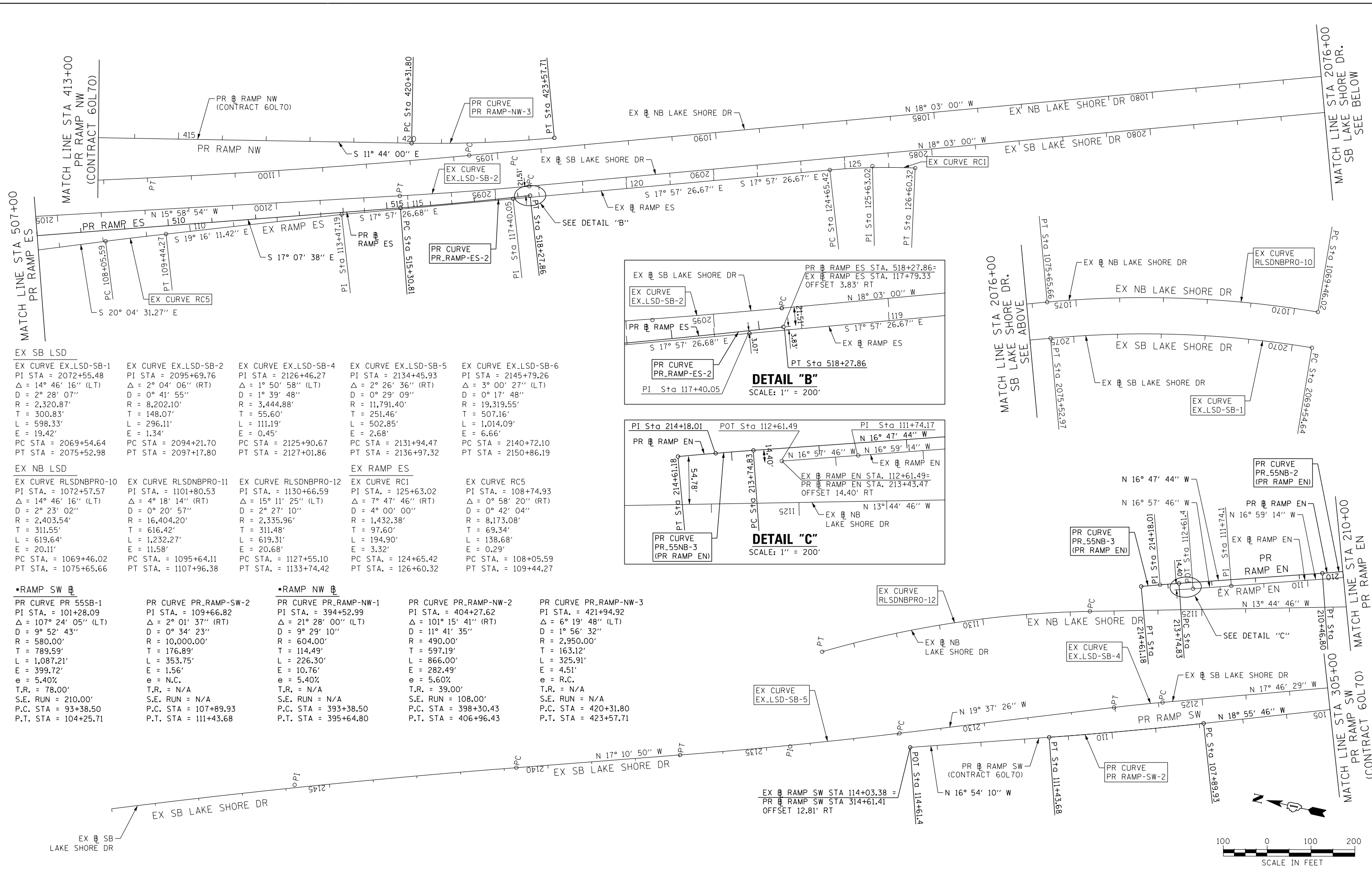
ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	12

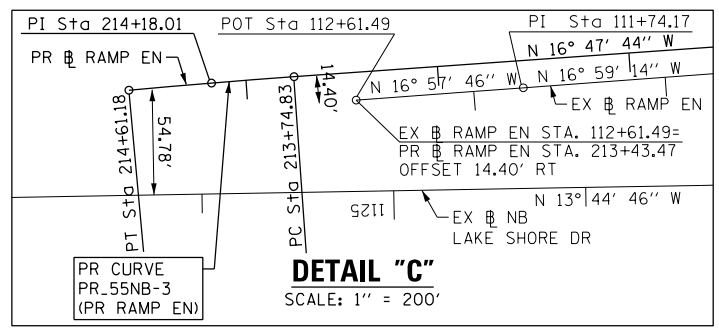
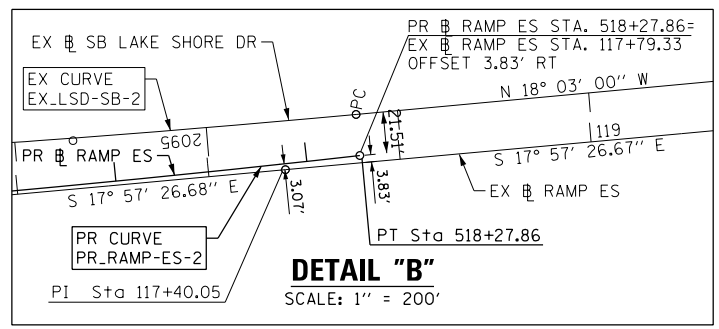
CONTRACT NO. 62A93

ILLINOIS FED. AID PROJECT



EX SB LSD		EX NB LSD		EX RAMP ES	
EX CURVE EX.LSD-SB-1	EX CURVE EX.LSD-SB-2	EX CURVE RLSDNBPRO-10	EX CURVE RLSDNBPRO-11	EX CURVE RC1	EX CURVE RC5
PI STA = 2072+55.48	PI STA = 2095+69.76	PI STA. = 1072+57.57	PI STA. = 1101+80.53	PI STA. = 125+63.02	PI STA. = 108+74.93
Δ = 14° 46' 16" (LT)	Δ = 2° 04' 06" (RT)	Δ = 14° 46' 16" (LT)	Δ = 4° 18' 14" (RT)	Δ = 7° 47' 46" (RT)	Δ = 0° 58' 20" (RT)
D = 2° 28' 07"	D = 0° 41' 55"	D = 2° 23' 02"	D = 0° 20' 57"	D = 4° 00' 00"	D = 0° 42' 04"
R = 2,320.87'	R = 8,202.10'	R = 2,403.54'	R = 16,404.20'	R = 1,432.38'	R = 8,173.08'
T = 300.83'	T = 148.07'	T = 311.55'	T = 616.42'	T = 97.60'	T = 69.34'
L = 598.33'	L = 111.19'	L = 619.64'	L = 1,232.27'	L = 194.90'	L = 138.68'
E = 19.42'	E = 1.34'	E = 20.11'	E = 11.58'	E = 3.32'	E = 0.29'
PC STA = 2069+54.64	PC STA = 2094+21.70	PC STA. = 1069+46.02	PC STA. = 1095+64.11	PC STA. = 124+65.42	PC STA. = 108+05.59
PT STA = 2075+52.98	PT STA = 2097+17.80	PT STA. = 1075+65.66	PT STA. = 1107+96.38	PT STA. = 2136+97.32	PT STA. = 2150+86.19

*RAMP SW		*RAMP NW	
PR CURVE PR_55SB-1	PR CURVE PR_RAMP-SW-2	PR CURVE PR_RAMP-NW-1	PR CURVE PR_RAMP-NW-2
PI STA. = 101+28.09	PI STA. = 109+66.82	PI STA. = 394+52.99	PI STA. = 404+27.62
Δ = 107° 24' 05" (LT)	Δ = 2° 01' 37" (RT)	Δ = 21° 28' 00" (LT)	Δ = 101° 15' 41" (RT)
D = 9° 52' 43"	D = 0° 34' 23"	D = 9° 29' 10"	D = 11° 41' 35"
R = 580.00'	R = 10,000.00'	R = 604.00'	R = 490.00'
T = 789.59'	T = 176.89'	T = 114.49'	T = 597.19'
L = 1,087.21'	L = 353.75'	L = 226.30'	L = 866.00'
E = 399.72'	E = 1.56'	E = 10.76'	E = 282.49'
e = 5.40%	e = N.C.	e = 5.40%	e = 5.60%
T.R. = 78.00'	T.R. = N/A	T.R. = N/A	T.R. = 39.00'
S.E. RUN = 210.00'	S.E. RUN = N/A	S.E. RUN = N/A	S.E. RUN = 108.00'
P.C. STA = 93+38.50	P.C. STA = 107+89.93	P.C. STA = 393+38.50	P.C. STA = 398+30.43
P.T. STA = 104+25.71	P.T. STA = 111+43.68	P.T. STA = 395+64.80	P.T. STA = 406+96.43



FILE NAME = D:\62A93-Sht-ATB02.dgn



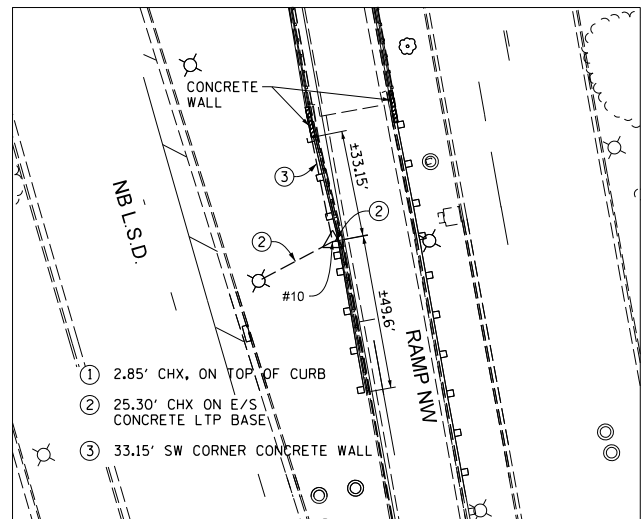
USER NAME = HENAOC	DESIGNED - CRH	REVISED -
PLOT SCALE = 200.0000' / in.	DRAWN - CRH	REVISED -
PLOT DATE = 12/13/2017	CHECKED - MJE	REVISED -
	DATE = 10/20/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS	
SCALE: 1" = 100'	SHEET NO. 2 OF 3 SHEETS
STA.	TO STA.

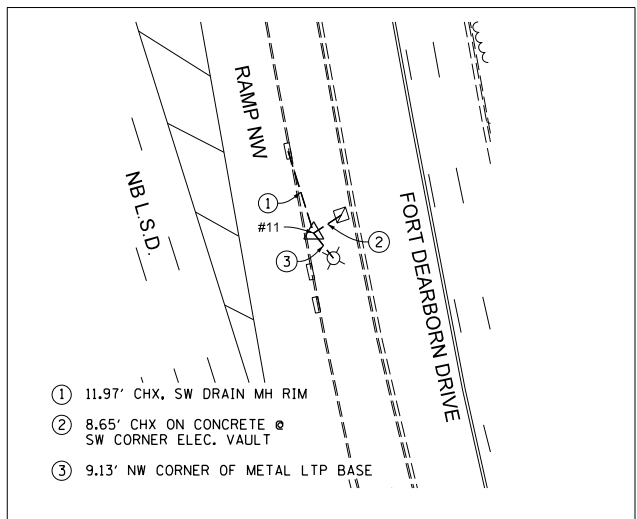
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	13
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				

**CPT# 10. IRC**



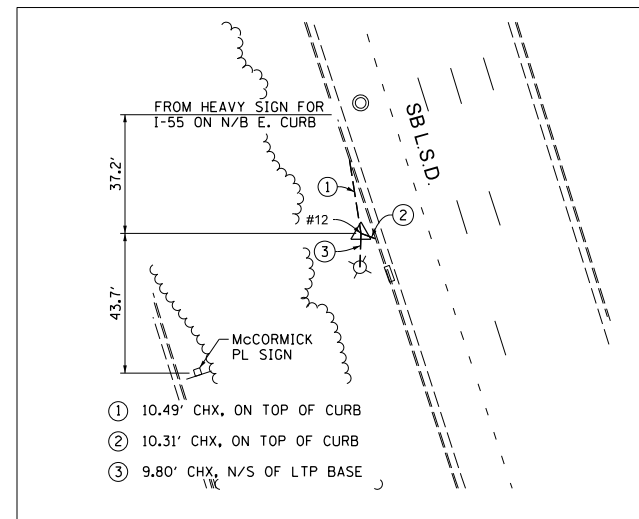
NORTHING: 1,886,947.49  
EASTING: 1,181,122.94  
ELEVATION: 593.47

**CPT# 11. IRC**



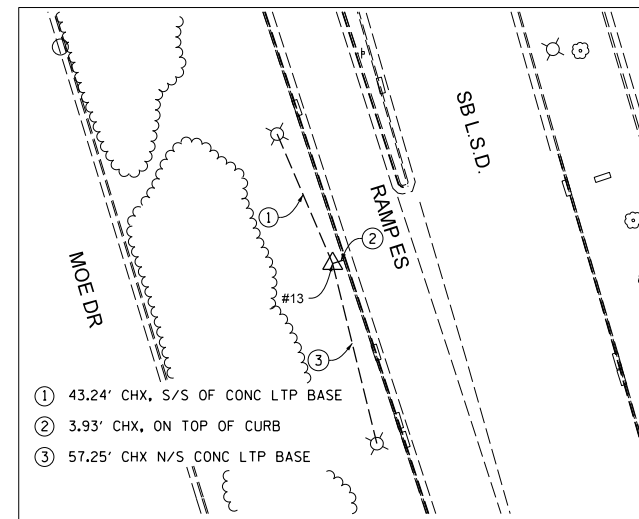
NORTHING: 1,886,628.01  
EASTING: 1,181,209.80  
ELEVATION: 590.05

**CPT# 12. IRC**



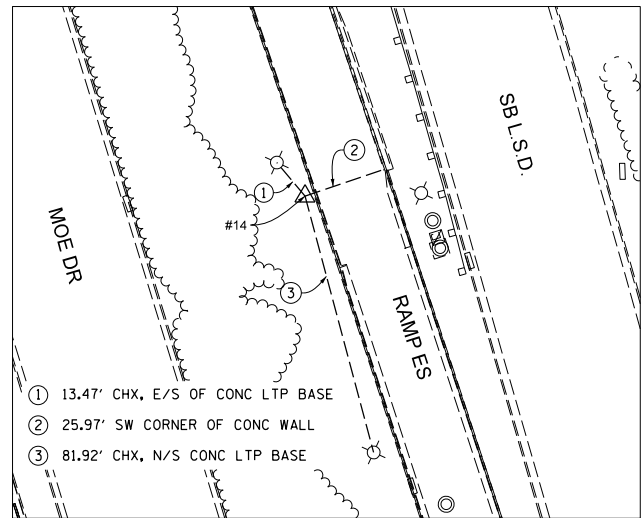
NORTHING: 1,886,325.79  
EASTING: 1,181,119.29  
ELEVATION: 591.72

**CPT# 13. IRC**



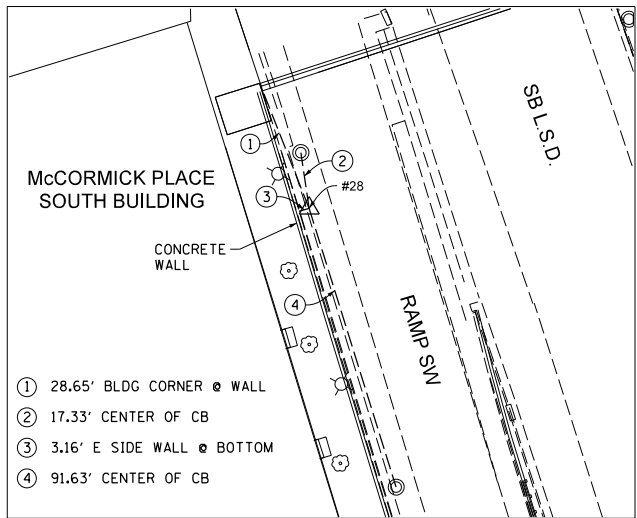
NORTHING: 1,886,718.94  
EASTING: 1,180,991.34  
ELEVATION: 590.58

**CPT# 14. IRC**



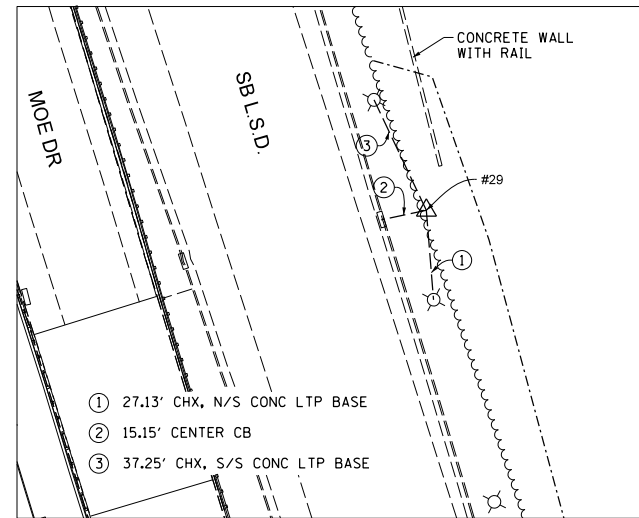
NORTHING: 1,887,104.93  
EASTING: 1,180,866.12  
ELEVATION: 592.65

**CPT# 28. MAG**



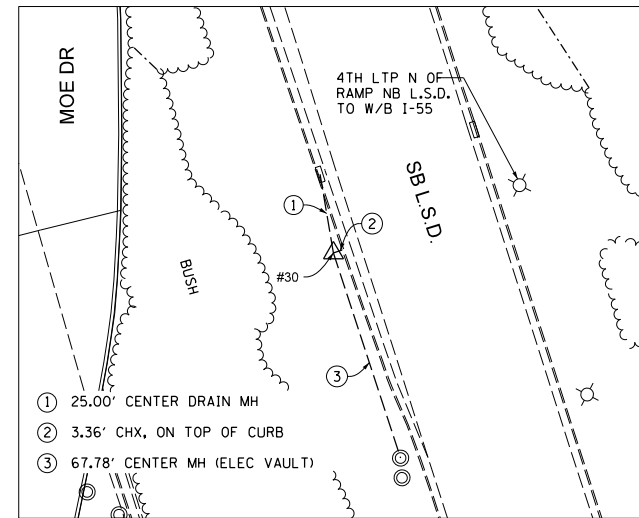
NORTHING: 1,889,364.54  
EASTING: 1,180,146.97  
ELEVATION: 601.865

**CPT# 29. IRC**



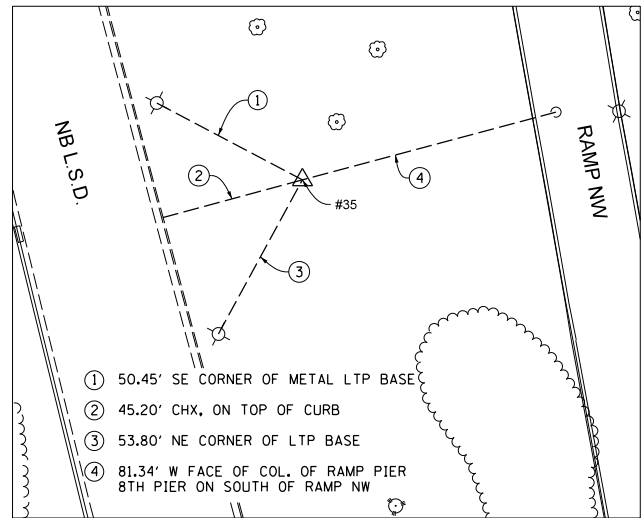
NORTHING: 1,889,079.04  
EASTING: 1,180,365.93  
ELEVATION: N/A

**CPT# 30. IRC**



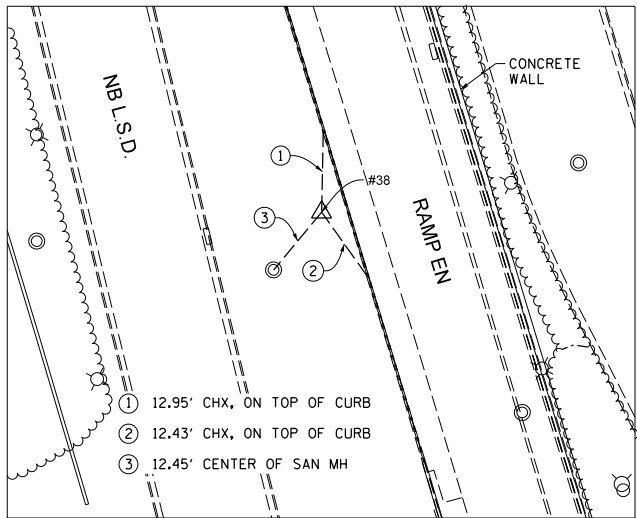
NORTHING: 1,888,641.37  
EASTING: 1,180,430.16  
ELEVATION: 598.73

**CPT# 35. IRC**



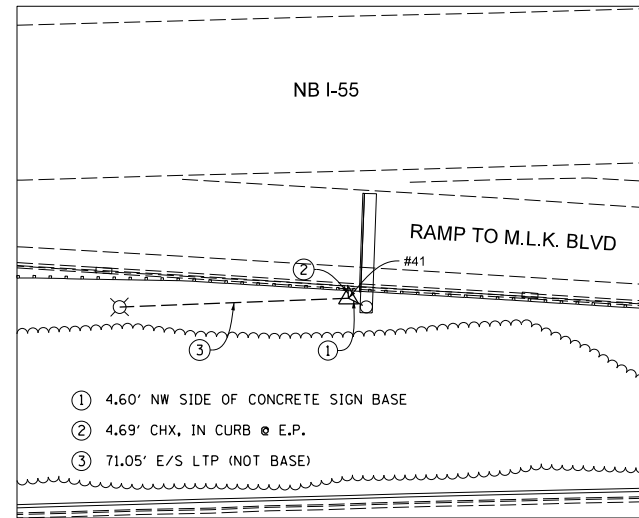
NORTHING: 1,887,955.55  
EASTING: 1,180,864.13  
ELEVATION: 590.51

**CPT# 38. IRC**



NORTHING: 1,889,010.43  
EASTING: 1,180,587.84  
ELEVATION: 598.38

**CPT# 41. IRC**



NORTHING: 1,887,907.86  
EASTING: 1,178,295.35  
ELEVATION: 588.87

BENCHMARKS		
MONUMENT	ELEVATION	DESCRIPTION
BM 0004	594.65	SQUARE CUT ON THE NORTHEAST CORNER OF THE PIER CRASHWALL OF THE I-55 EAST BOUND RAMP TO THE NORTHBOUND LAKE SHORE DRIVE. THE BENCHMARK IS EAST OF THE EAST EDGE OF PAVEMENT OF THE WEST FRONTAGE ROAD.

**NOTE:**  
HORIZONTAL COORDINATES FOR CONTROL POINTS ARE EXPRESSED IN ILLINOIS STATE PLANE COORDINATES BASED ON NAD83. ELEVATIONS ARE BASED ON NAVD88 AS SUPPLIED BY NAKAWATASE PHASE 1 SURVEY.

ABBREVIATIONS: IRC = IRON ROD & CAP  
CHX = CUT CROSS  
MAG = MAGNETIC NAIL

FILE NAME = D:\62A93-Sht-ATB03.dgn



USER NAME = HENAC	DESIGNED - CRH	REVISED -
PLLOT SCALE = 60.0000' / in.	DRAWN - PHP	REVISED -
PLLOT DATE = 12/13/2017	CHECKED - MLE	REVISED -
	DATE - 10/20/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 30' SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	14

CONTRACT NO. 62A93  
ILLINOIS FED. AID PROJECT

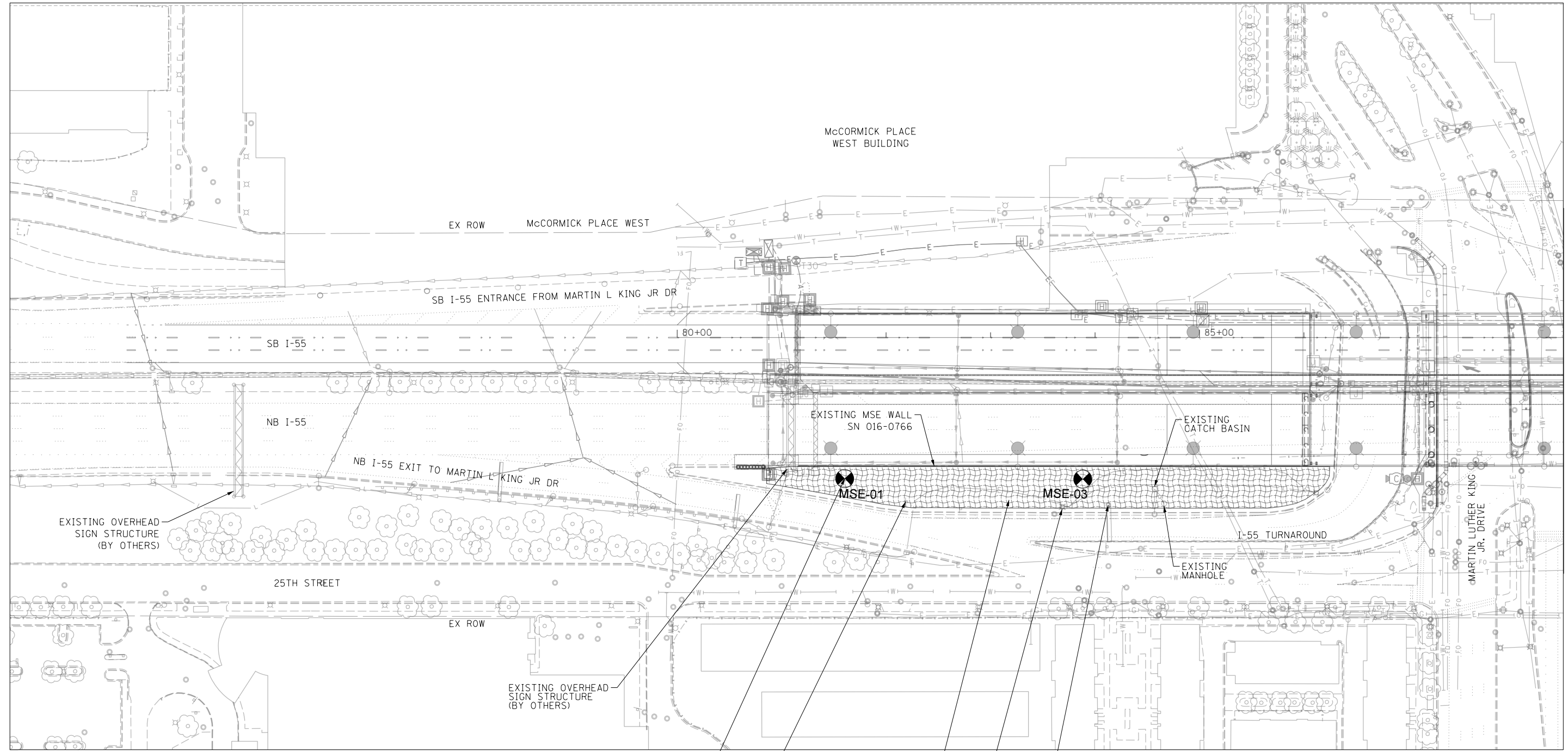
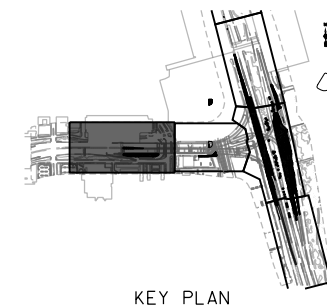


**PROPOSED TREE LEGEND**

- EXISTING TREE TO REMAIN
- TREE REMOVAL
- TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)

**EXISTING LEGEND**

- SOIL BORING LOCATION
- EROSION CONTROL BLANKET SEEDING, CLASS 2A TOPSOIL FURNISH AND PLACE, 6" } INSTALLED BY CONTRACT 60L70 & CONTRACT 60X07



SEE BORING LOG SHEETS FOR SOIL INFORMATION (TYP.)

EXISTING EROSION CONTROL (BY OTHERS)

EXISTING LIGHT POLE (TYP.)

EXISTING MCCORMICK PLACE GROUND MOUNTED SIGN PANEL TO REMAIN

EXISTING CANTILEVER SIGN TRUSS



MATCH LINE NB I-55 STA 188+50

FILE NAME = D:\2A93-Sht-Ex-Conditions\01.dgn



USER NAME = HENAO	DESIGNED - KP	REVISED -
PLOT SCALE = 100.0001' / in.	DRAWN - CRH	REVISED -
PLOT DATE = 12/13/2017	CHECKED - MJE	REVISED -
	DATE - 10/20/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS & REMOVALS**

SCALE: 1" = 50' SHEET NO. 1 OF 5 SHEETS STA. 180+86.00 TO STA. 188+50.00

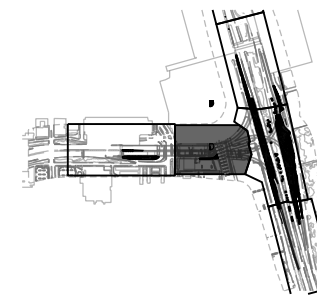
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	15
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				

**PROPOSED TREE LEGEND**

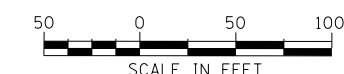
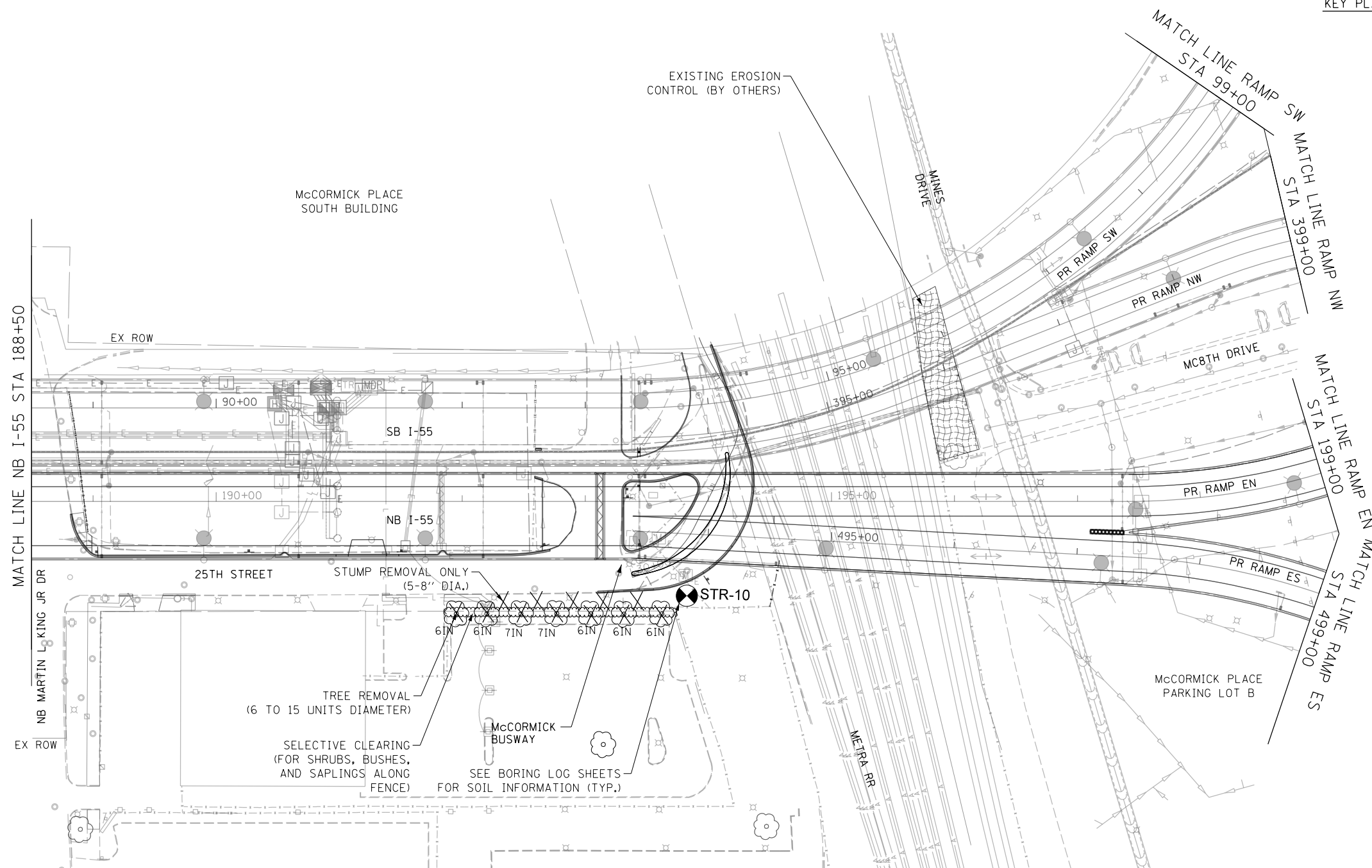
- EXISTING TREE TO REMAIN
- STUMP REMOVAL ONLY
- TREE REMOVAL
- TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)

**EXISTING LEGEND**

- SOIL BORING LOCATION
- EROSION CONTROL BLANKET SEEDING, CLASS 2A TOPSOIL FURNISH AND PLACE, 6" } INSTALLED BY CONTRACT 60L70 & CONTRACT 60X07



KEY PLAN



FILE NAME = D:\62A93-Sht-E-Conditions\02.dgn



USER NAME = HENAOC	DESIGNED - KP	REVISED -
	DRAWN - CRH	REVISED -
PLOT SCALE = 100.0001' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 12/13/2017	DATE - 10/20/2017	REVISED -




**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS & REMOVALS**



SCALE: 1" = 50' SHEET NO. 2 OF 5 SHEETS STA. 188+50.00 TO STA. 199+00.00

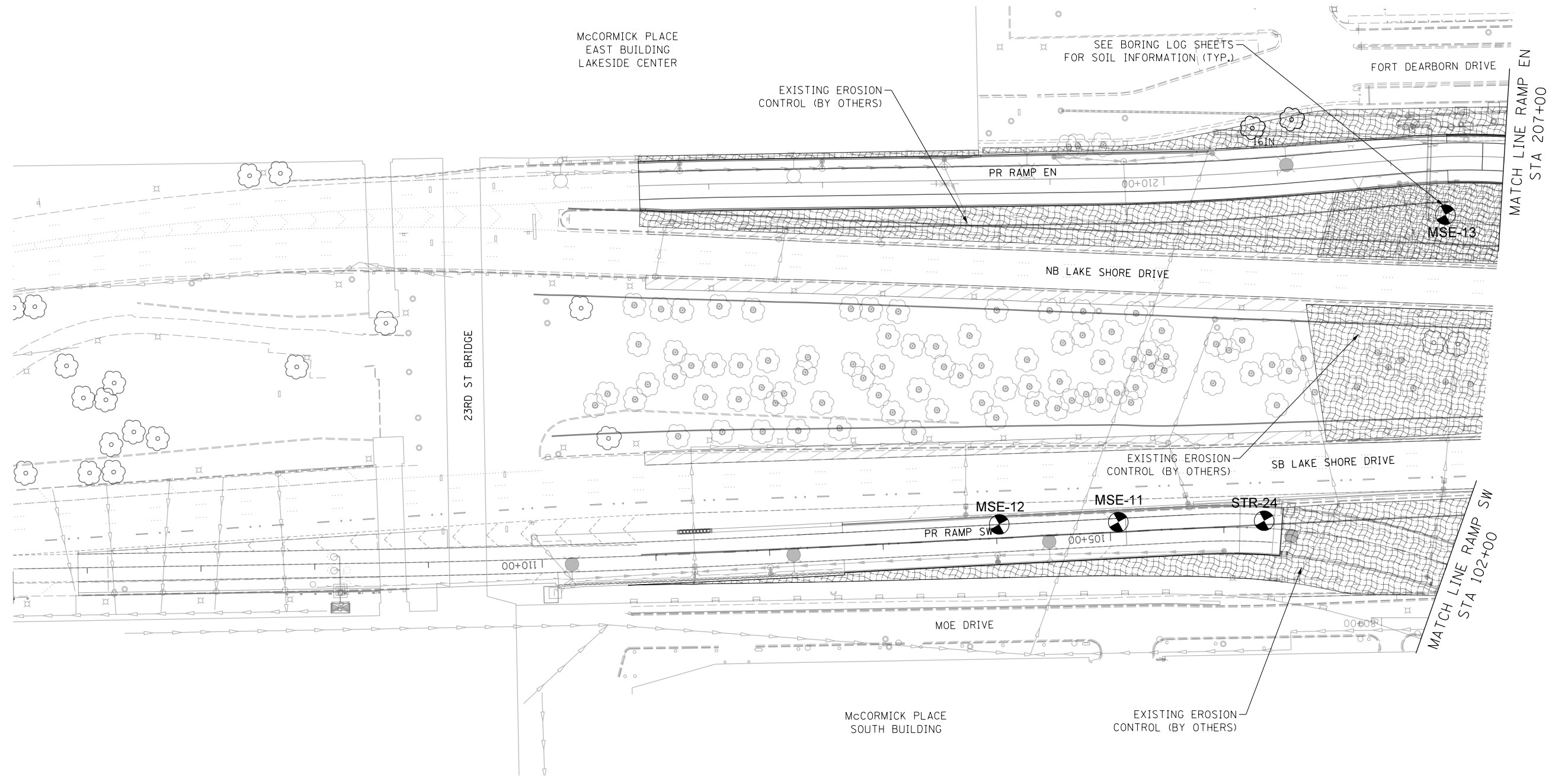
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	16
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				

**PROPOSED TREE LEGEND**

-  EXISTING TREE TO REMAIN
-  TREE REMOVAL
-  TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)

**EXISTING LEGEND**

-  SOIL BORING LOCATION
-  EROSION CONTROL BLANKET SEEDING, CLASS 2A TOPSOIL FURNISH AND PLACE, 6" } INSTALLED BY CONTRACT 60L70 & CONTRACT 60X07



KEY PLAN

FILE NAME = D:\62A93-Sht-E-Conditions\03.dgn



USER NAME = HENAOC	DESIGNED - KP	REVISED -
DRAWN - CRH	REVISED -	
PLOT SCALE = 100.0001' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 12/13/2017	DATE - 10/20/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS & REMOVALS**

SCALE: 1" = 50' SHEET NO. 3 OF 5 SHEETS STA. 207+00 TO STA. 214+60.73

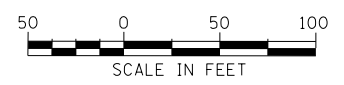
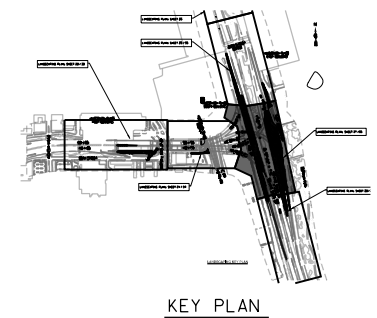
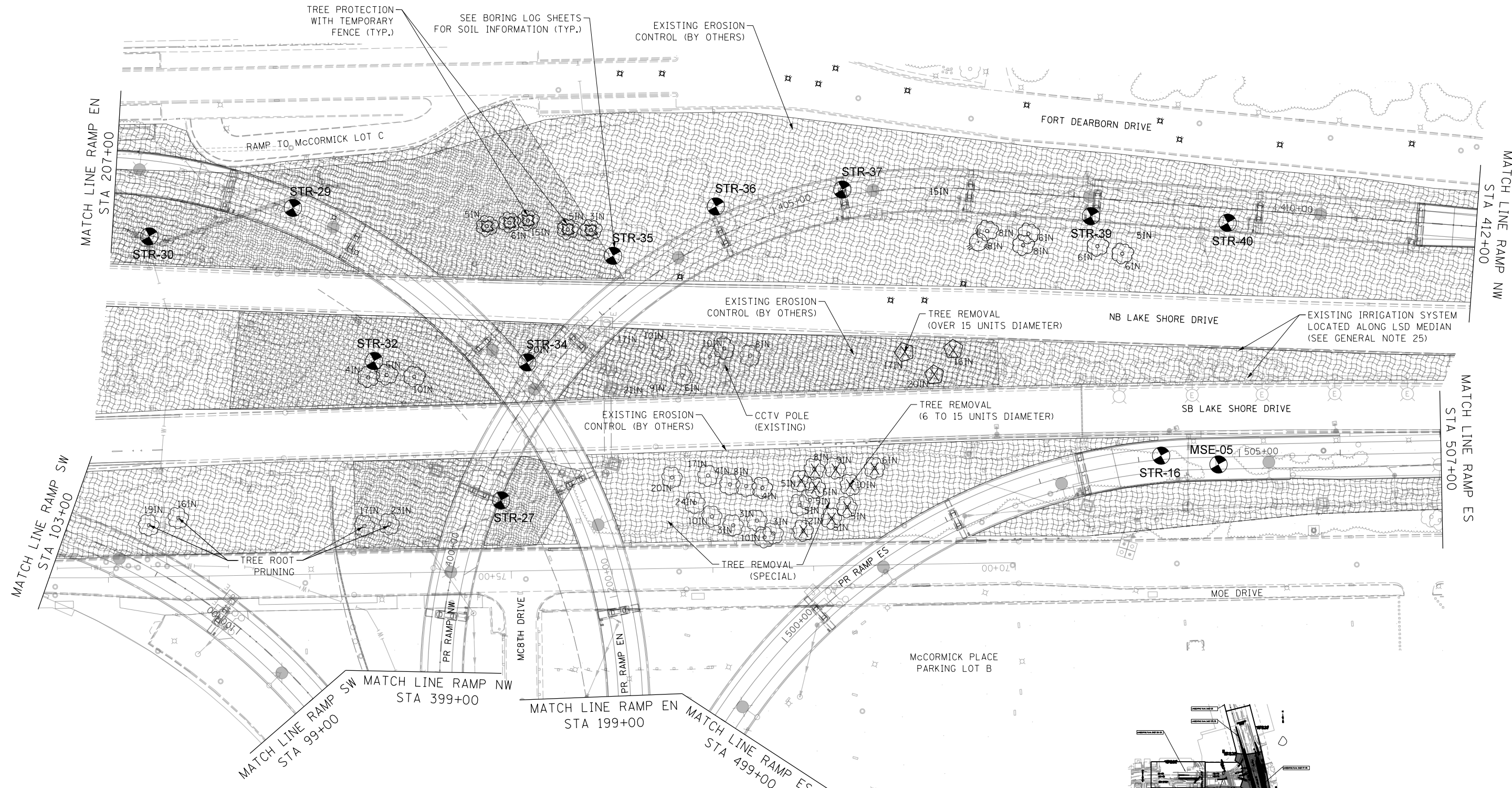
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	17
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				

**PROPOSED TREE LEGEND**

- EXISTING TREE TO REMAIN
- TREE REMOVAL
- TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)

**EXISTING LEGEND**

- SOIL BORING LOCATION
  - EROSION CONTROL BLANKET SEEDING, CLASS 2A TOPSOIL FURNISH AND PLACE, 6"
- } INSTALLED BY CONTRACT 60L70 & CONTRACT 60X07



FILE NAME = D:\62A93-Sht-E-Conditions\04.dgn



USER NAME = HENAOC	DESIGNED - KP	REVISED -
PLOT SCALE = 100.0001' / in.	DRAWN - CRH	REVISED -
PLOT DATE = 12/13/2017	CHECKED - MJE	REVISED -
	DATE - 10/20/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS & REMOVALS**

SCALE: 1" = 50' SHEET NO. 4 OF 5 SHEETS STA. 199+00 TO STA. 207+00

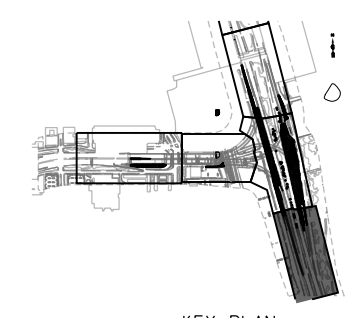
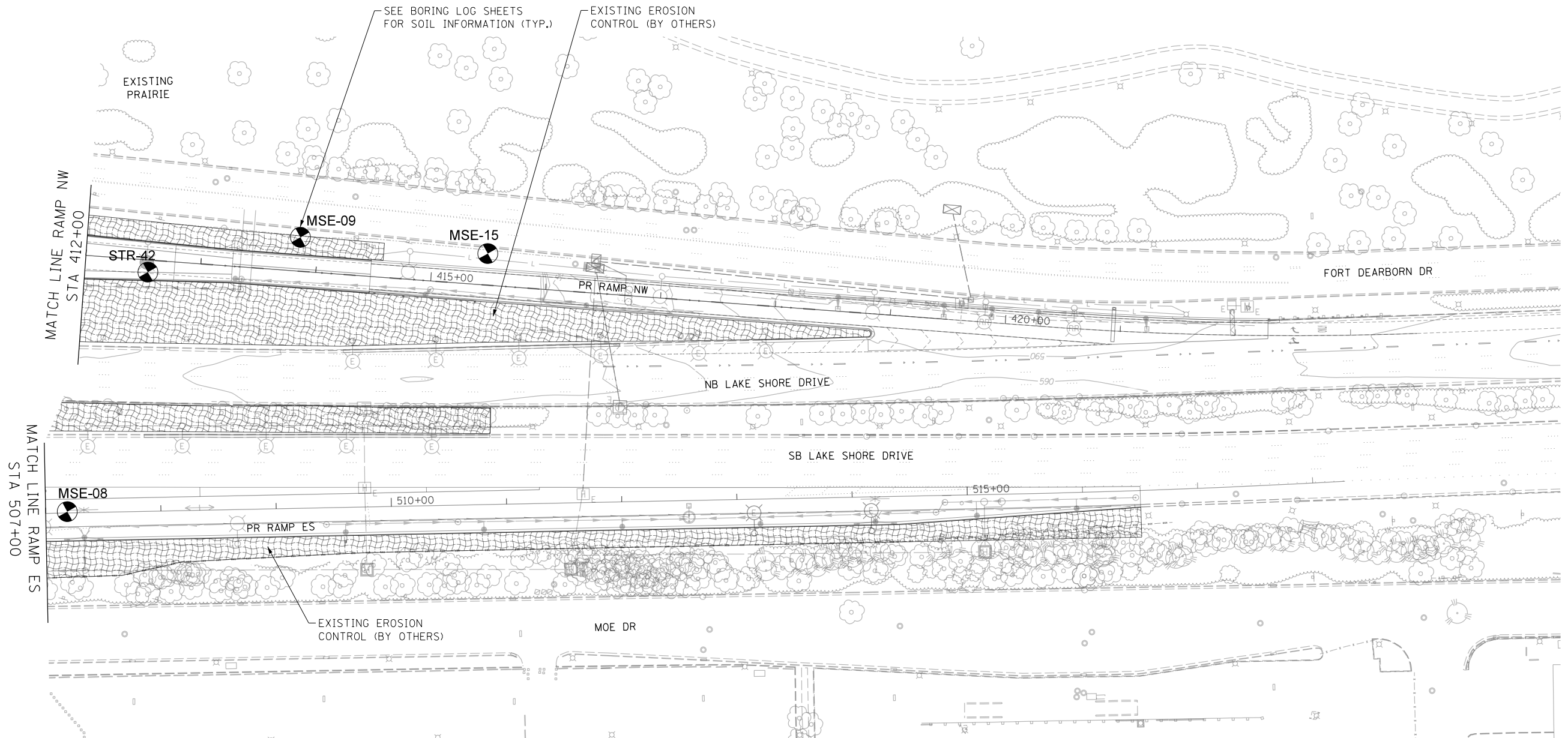
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	18
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				

**PROPOSED TREE LEGEND**

- EXISTING TREE TO REMAIN
- TREE REMOVAL
- TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)

**EXISTING LEGEND**

- SOIL BORING LOCATION
- EROSION CONTROL BLANKET SEEDING, CLASS 2A TOPSOIL FURNISH AND PLACE, 6" } INSTALLED BY CONTRACT 60L70 & CONTRACT 60X07



FILE NAME = D:\62A93-Sht-E-Conditions05.dgn



USER NAME = HENAO	DESIGNED - KP	REVISED -
DRAWN - CRH	REVISIONS -	
PLOT SCALE = 100.0001' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 12/13/2017	DATE - 10/20/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

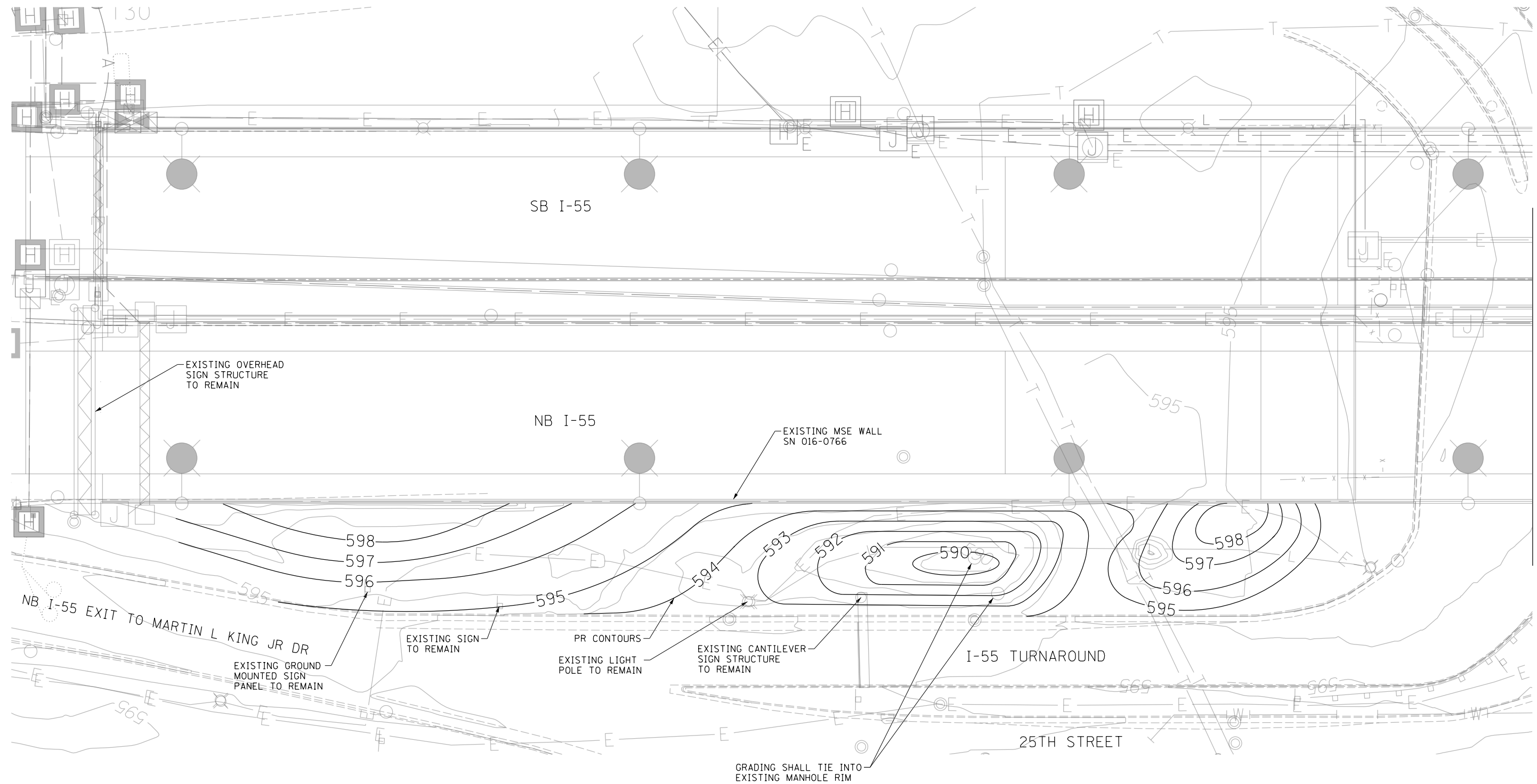
**EXISTING CONDITIONS & REMOVALS**  
SCALE: 1" = 50' SHEET NO. 5 OF 5 SHEETS STA. 507+00 TO STA. 516+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	19
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				



**NOTES**

1. PROPOSED GRADING TO TIE-INTO THE BACK OF EXISTING CURB AND SHALL PROVIDE POSITIVE DRAINAGE ACROSS SITE.
2. PROPOSED GRADING SHALL TIE-INTO EXISTING SIGN STRUCTURE AND LIGHT POLE FOUNDATIONS AND SHALL NOT COVER EXISTING ANCHOR BOLT CONNECTIONS.
3. THE EXISTING TOPSOIL (6") PLACED BY THE CONTRACT 60X07 TO BE EXCAVATED, THE SITE RE-GRADED AS SHOWN ON THE PLANS, AND THE EXISTING TOPSOIL TO BE RE-DISTRIBUTED MAINTAINING A 6" DEPTH ACROSS THE SITE. THIS WORK SHALL BE PAID FOR AS "TOPSOIL EXCAVATION AND PLACEMENT, SPECIAL". THE ADDITIONAL SOIL REQUIRED TO RE-GRADE THE SITE SHALL BE PAID FOR AS "FURNISHED EXCAVATION".



FILE NAME = D:\62A93-Sht-Landscape\Contour.dgn



USER NAME = HENAOC	DESIGNED - KP	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - CRH	REVISED -
PLOT DATE = 12/13/2017	CHECKED - MJE	REVISED -
	DATE - 10/20/2017	REVISED -

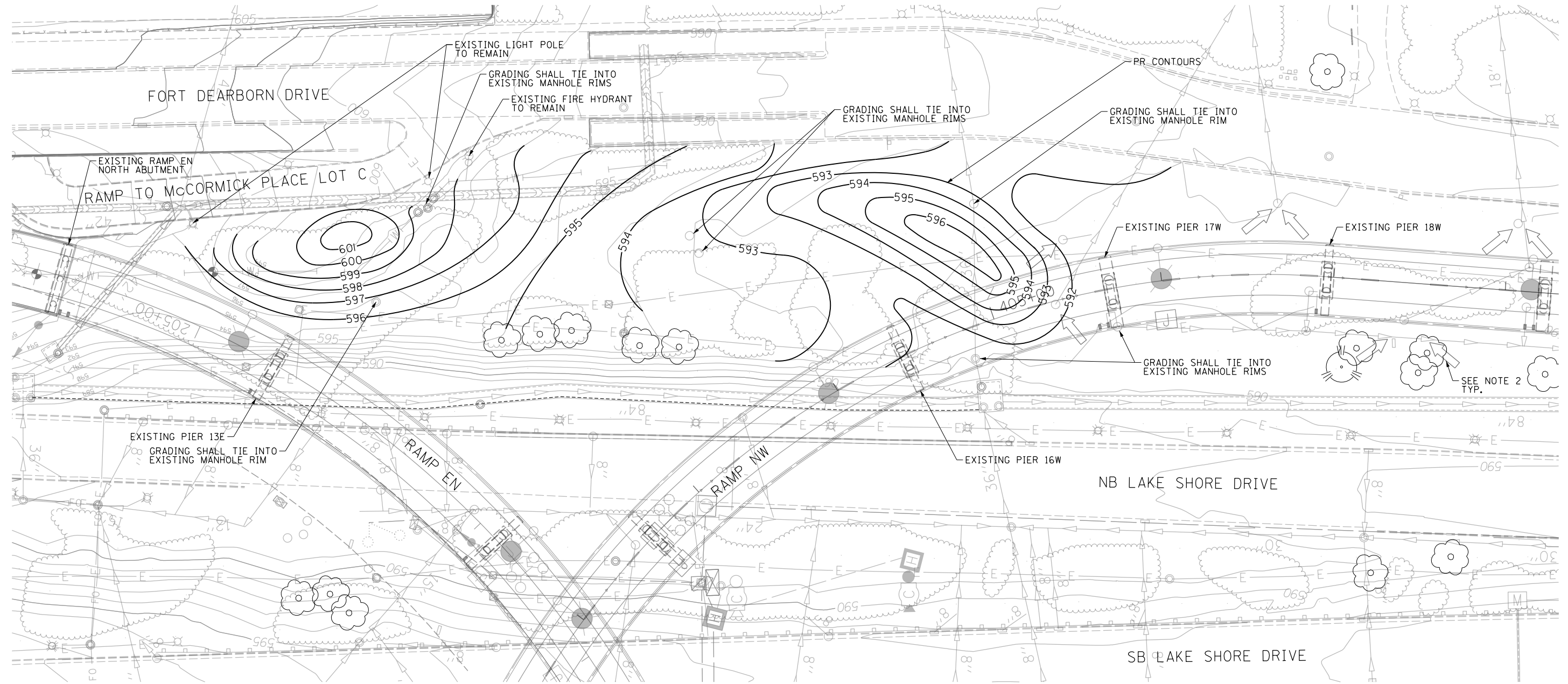
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GRADING PLAN  
NB I-55**

SCALE: 1" = 20' SHEET NO. 1 OF 2 SHEETS STA. 180+86.00 TO STA. 186+75.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	20
				CONTRACT NO. 62A93
ILLINOIS FED. AID PROJECT				





**NOTES**

1. UNLESS OTHERWISE NOTED, THE PROPOSED GRADING SHALL TIE-INTO THE EXISTING UTILITY RIM ELEVATIONS, FIRE HYDRANTS & VALVES AND LIGHT POLE FOUNDATIONS.
2. MAINTAIN EXISTING DIRECT SHEET FLOW UNDER RAMP NW TO EXISTING AND PROPOSED DRAINAGE STRUCTURES.
3. THE EXISTING TOPSOIL (6") PLACED BY THE CONTRACT 60L70 & 60X07 TO BE EXCAVATED. THE SITE RE-GRADED AS SHOWN ON THE PLANS AND THE EXISTING TOPSOIL TO BE RE-DISTRIBUTED MAINTAINING A 6" DEPTH ACROSS THE SITE. THIS WORK SHALL BE PAID FOR AS "TOPSOIL EXCAVATION AND PLACEMENT, SPECIAL". THE ADDITIONAL SOIL REQUIRED TO RE-GRADE THE SITE SHALL BE PAID FOR AS "FURNISHED EXCAVATION".

**PROPOSED LEGEND:**

← SHEET FLOW



FILE NAME = D:\62A93-Sht-Landscape\Contour-02.dgn

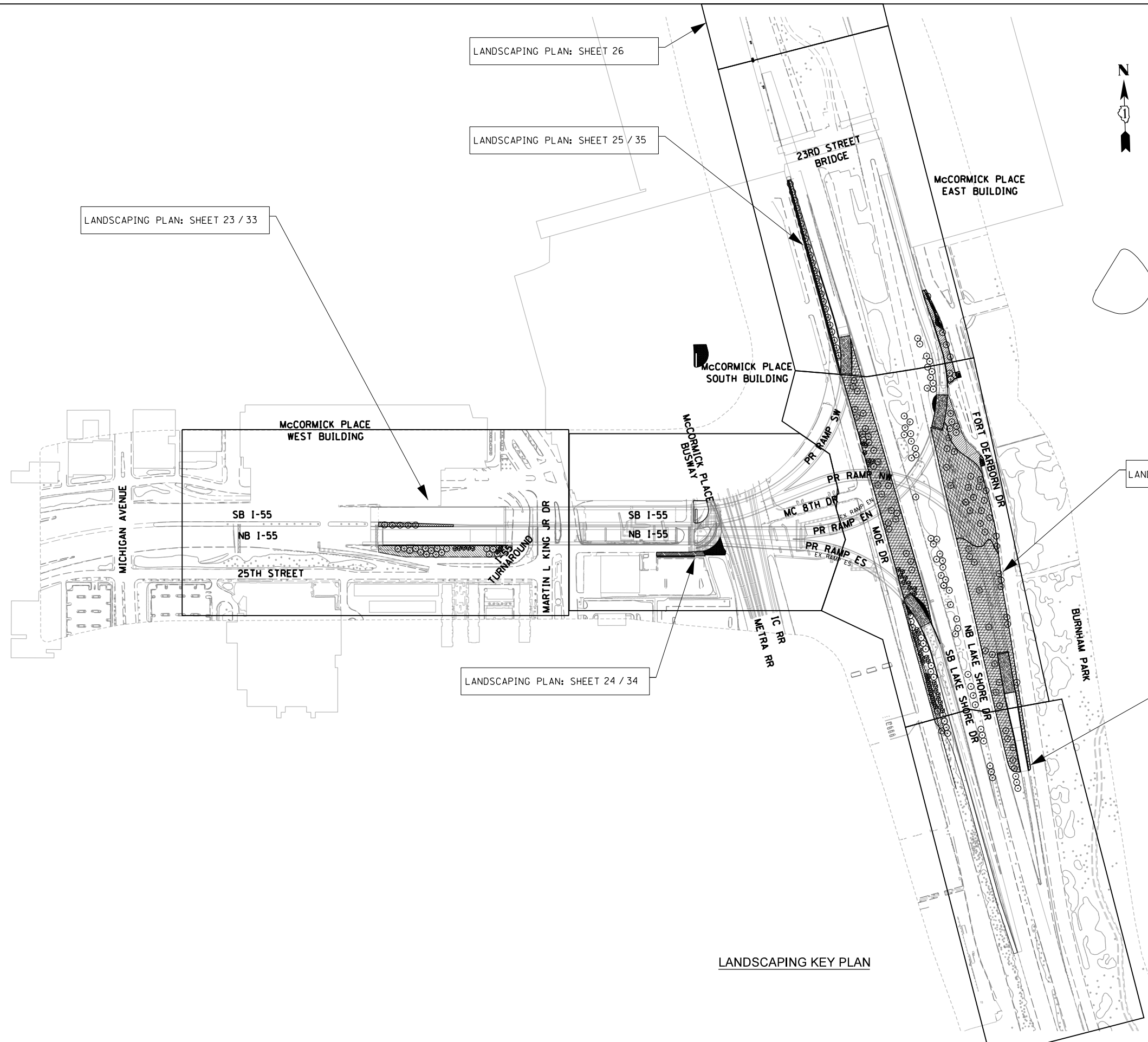


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	DRAWN - CRH	REVISED -
PLOT SCALE = 60.0000' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 12/13/2017	DATE = 10/20/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>GRADING PLAN BETWEEN RAMP EN AND RAMP NW</b>	
SCALE: 1" = 30'	SHEET NO. 2 OF 2 SHEETS STA. 206+00 TO STA. 407+00

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	21
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				



LANDSCAPING KEY PLAN

FILE NAME = D:\62A93-Sht-Landscap-KeyPlan.dgn



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	DRAWN - CRH	REVISED -
PLOT SCALE = 400.0002' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 12/13/2017	DATE - 10/20/2017	REVISED -











STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LANDSCAPING KEY PLAN

SCALE: 1" = 200' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

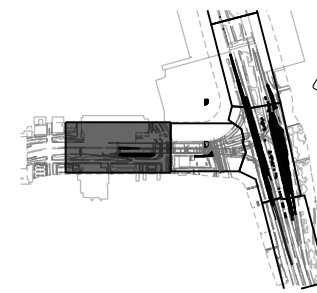
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	22
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				

**LANDSCAPING LEGEND**

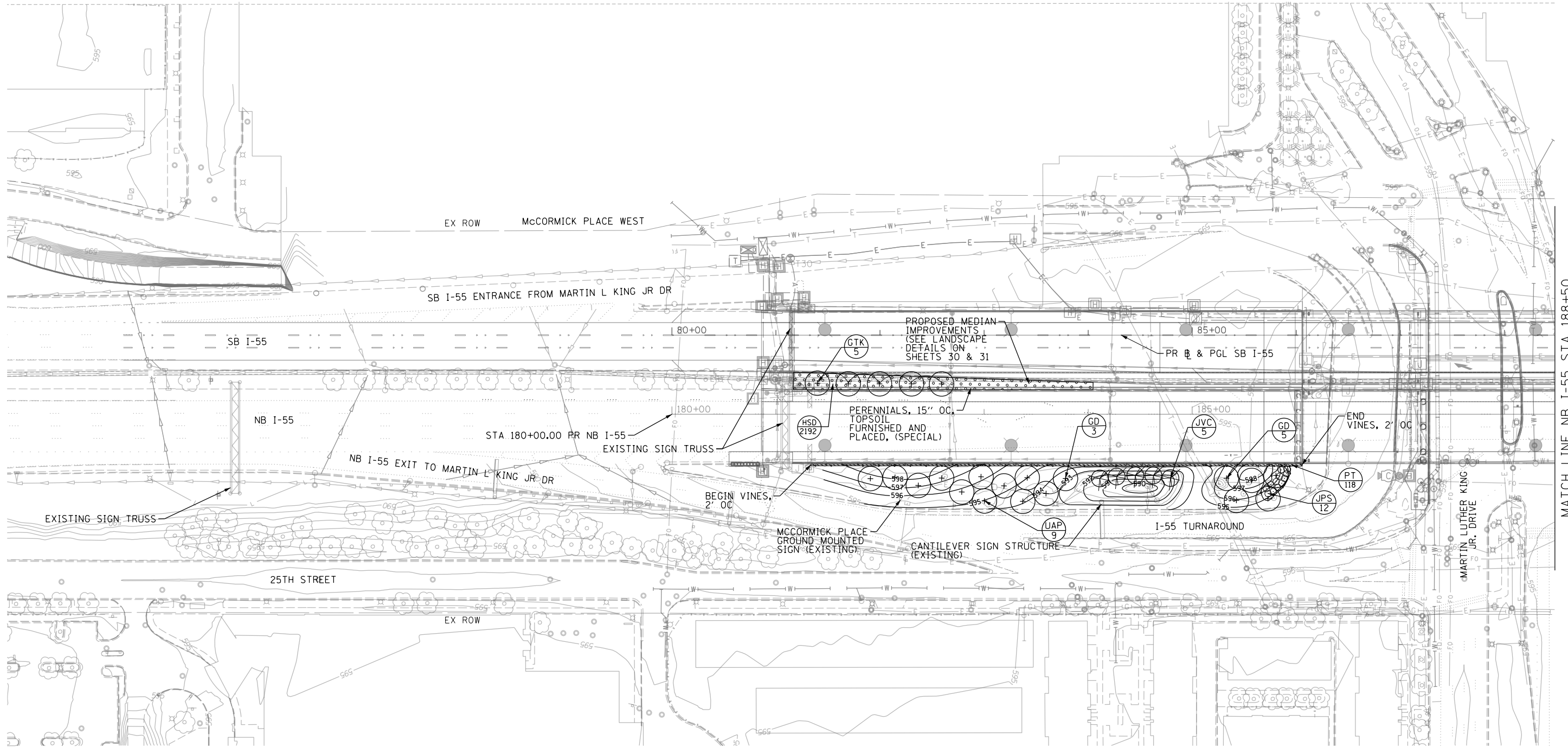
-  EXISTING TREE TO REMAIN
-  TREE REMOVAL
-  TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)
-  PERENNIALS
-  VINES
-  PROPOSED SHADE TREE
-  PROPOSED ORNAMENTAL TREE
-  PROPOSED EVERGREEN TREE
-  SHRUBS
-  ORNAMENTAL GRASS

**LANDSCAPING NOTES**

1. FOR LANDSCAPE GRADING, SEE SHEET 20
2. FOR LANDSCAPE DETAILS, SEE SHEET 29
3. FOR LANDSCAPE SCHEDULE, SEE SHEET 32
4. FOR SEEDING/SODDING PLAN, SEE SHEET 33



KEY PLAN



MATCH LINE NB I-55 STA 188+50



FILE NAME = D:\2015\2015-Sht-LandscapePlan.dgn



USER NAME = HENAO	DESIGNED - KP	REVISED -
PLOT SCALE = 100.0000' / 1"	DRAWN - CRH	REVISED -
PLOT DATE = 12/13/2017	CHECKED - MJE	REVISED -
	DATE - 10/20/2017	REVISED -











**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPE PLAN  
NB I-55**

SCALE: 1" = 50' SHEET NO. 1 OF 6 SHEETS STA. 180+86.00 TO STA. 188+50.00

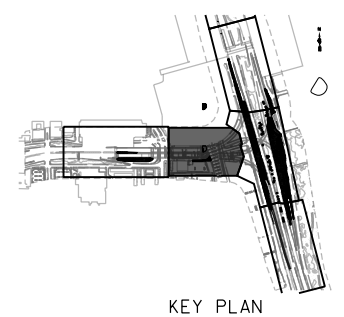
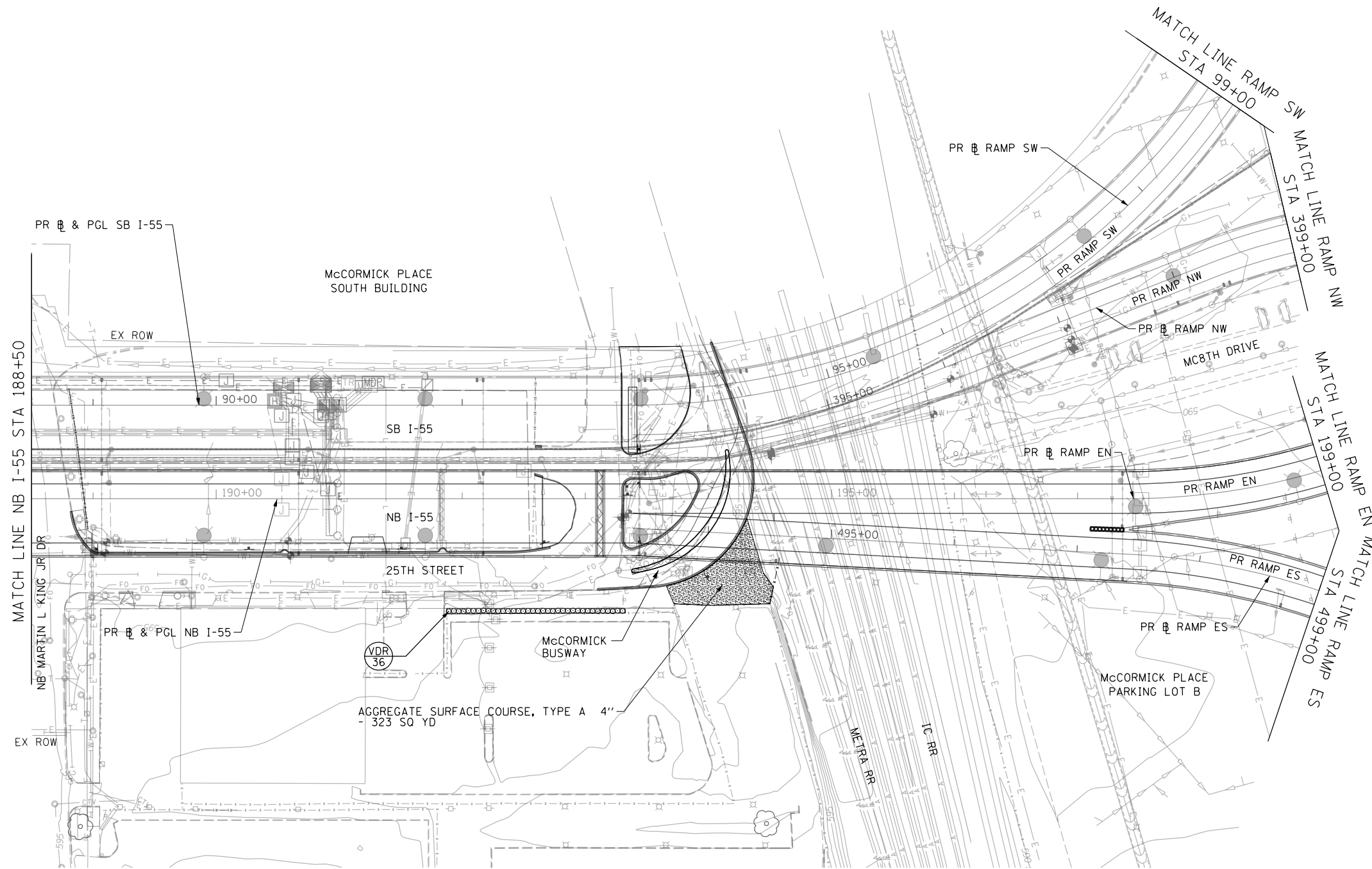
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	23
				CONTRACT NO. 62A93
ILLINOIS FED. AID PROJECT				

**LANDSCAPING LEGEND**

-  EXISTING TREE TO REMAIN
-  TREE REMOVAL
-  TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)
-  PERENNIALS
-  VINES
-  PROPOSED SHADE TREE
-  PROPOSED ORNAMENTAL TREE
-  PROPOSED EVERGREEN TREE
-  SHRUBS
-  ORNAMENTAL GRASS

**LANDSCAPING NOTES**

1. FOR LANDSCAPE DETAILS, SEE SHEET 29
2. FOR LANDSCAPE SCHEDULE, SEE SHEET 32
3. FOR SEEDING/SODDING PLAN, SEE SHEET 34



FILE NAME = D:\62A93-Sht-LandscapePlan02.dgn



USER NAME = HENAOC	DESIGNED - KP	REVISED -
	DRAWN - CRH	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - MJE	REVISED -
PLOT DATE = 12/13/2017	DATE - 10/20/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

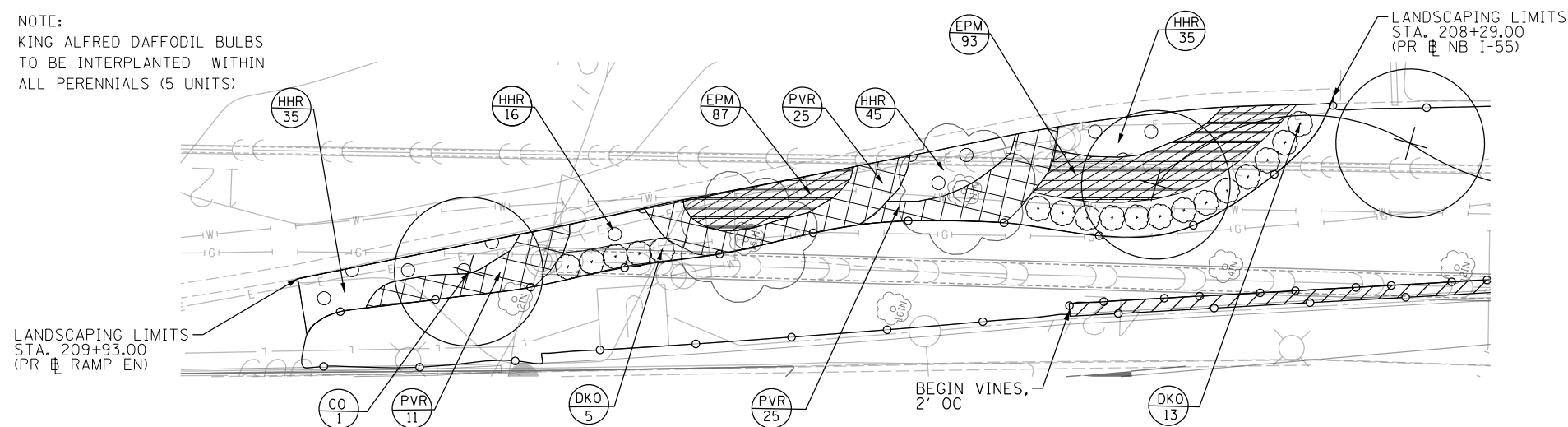
**LANDSCAPE PLAN  
NB I-55**

SCALE: 1" = 50' SHEET NO. 2 OF 6 SHEETS STA. 188+50.00 TO STA. 199+00.00

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	24
CONTRACT NO. 62A93				

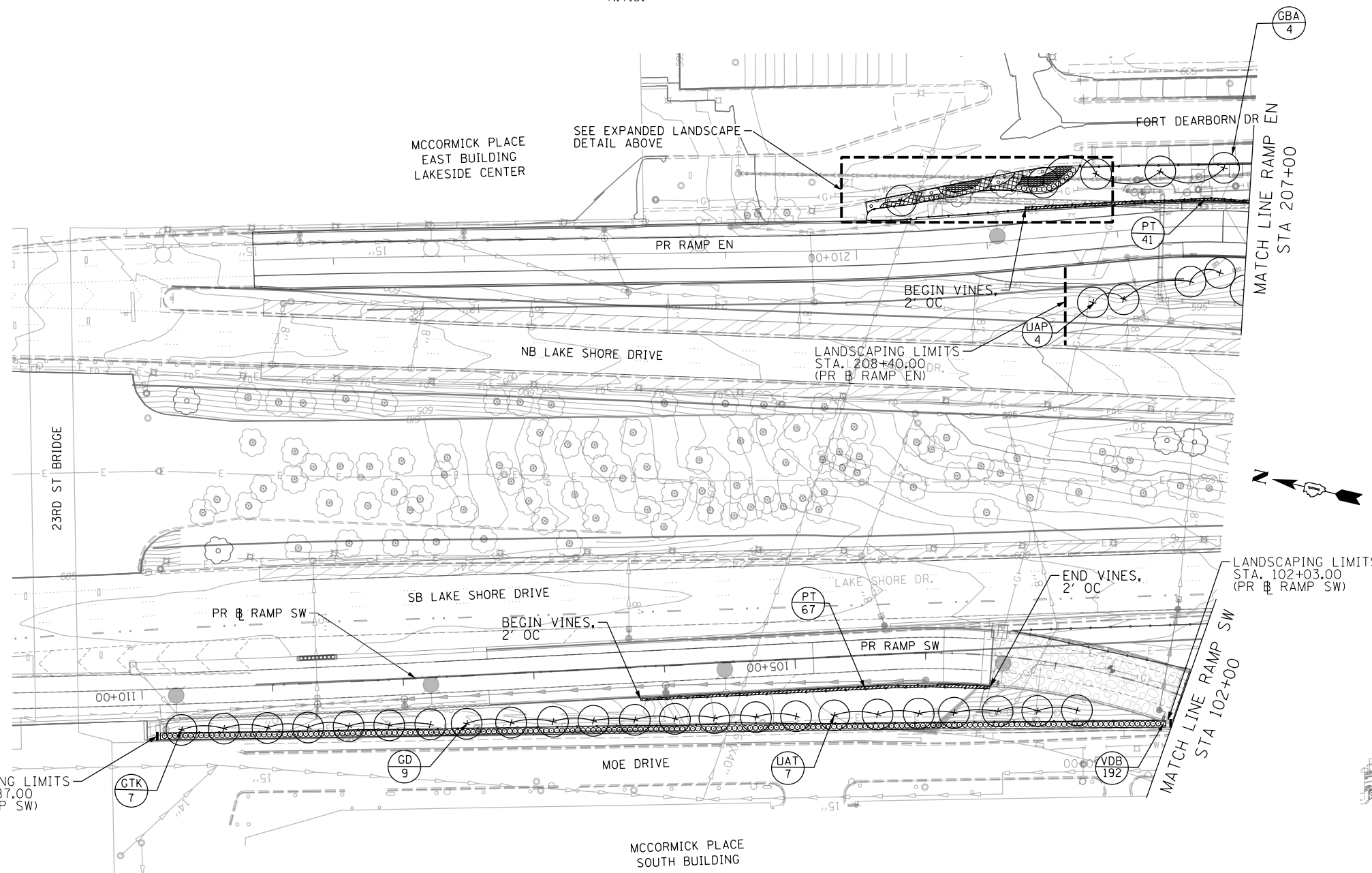
ILLINOIS FED. AID PROJECT

NOTE:  
KING ALFRED DAFFODIL BULBS  
TO BE INTERPLANTED WITHIN  
ALL PERENNIALS (5 UNITS)



**EXPANDED LANDSCAPING DETAIL**

N.T.S.

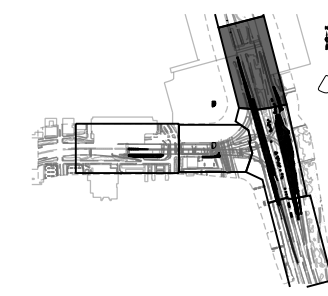


**LANDSCAPING LEGEND**

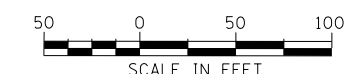
- EXISTING TREE TO REMAIN
- TREE REMOVAL
- TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)
- PERENNIALS AND BULBS
- VINES
- PROPOSED SHADE TREE
- PROPOSED ORNAMENTAL TREE
- PROPOSED EVERGREEN TREE
- SHRUBS
- ORNAMENTAL GRASS

**LANDSCAPING NOTES**

1. FOR LANDSCAPE DETAILS, SEE SHEET 29
2. FOR LANDSCAPE SCHEDULE, SEE SHEET 32
3. FOR SEEDING/SODDING PLAN, SEE SHEET 35
4. PERENNIALS, 18"-24" OC., SEE SHEET 32
5. ORNAMENTAL GRASS, 36" OC.
6. SHREDDED HARDWOOD BARK MULCH SHALL BE SUPPLIED AND PLACED AROUND ALL EXISTING TREES IN A SIX (6) FOOT DIAMETER RING AROUND THE BASE OF TREE AND PAID FOR AS MULCH PLACEMENT 3".



KEY PLAN



FILE NAME = D:\2013\12\13\1213-LandscapePlan03.dgn



USER NAME = HENADC	DESIGNED - KP	REVISED -
	DRAWN - CRH	REVISED -
PLOT SCALE = 100.0001' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 12/13/2017	DATE - 10/20/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPE PLAN  
RAMP EN**

SCALE: 1" = 50' SHEET NO. 3 OF 6 SHEETS STA. 207+00 TO STA. 214+60.73

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	25
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				

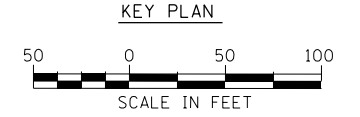
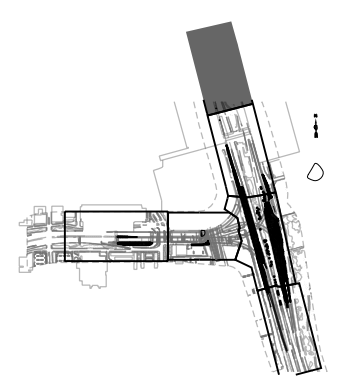
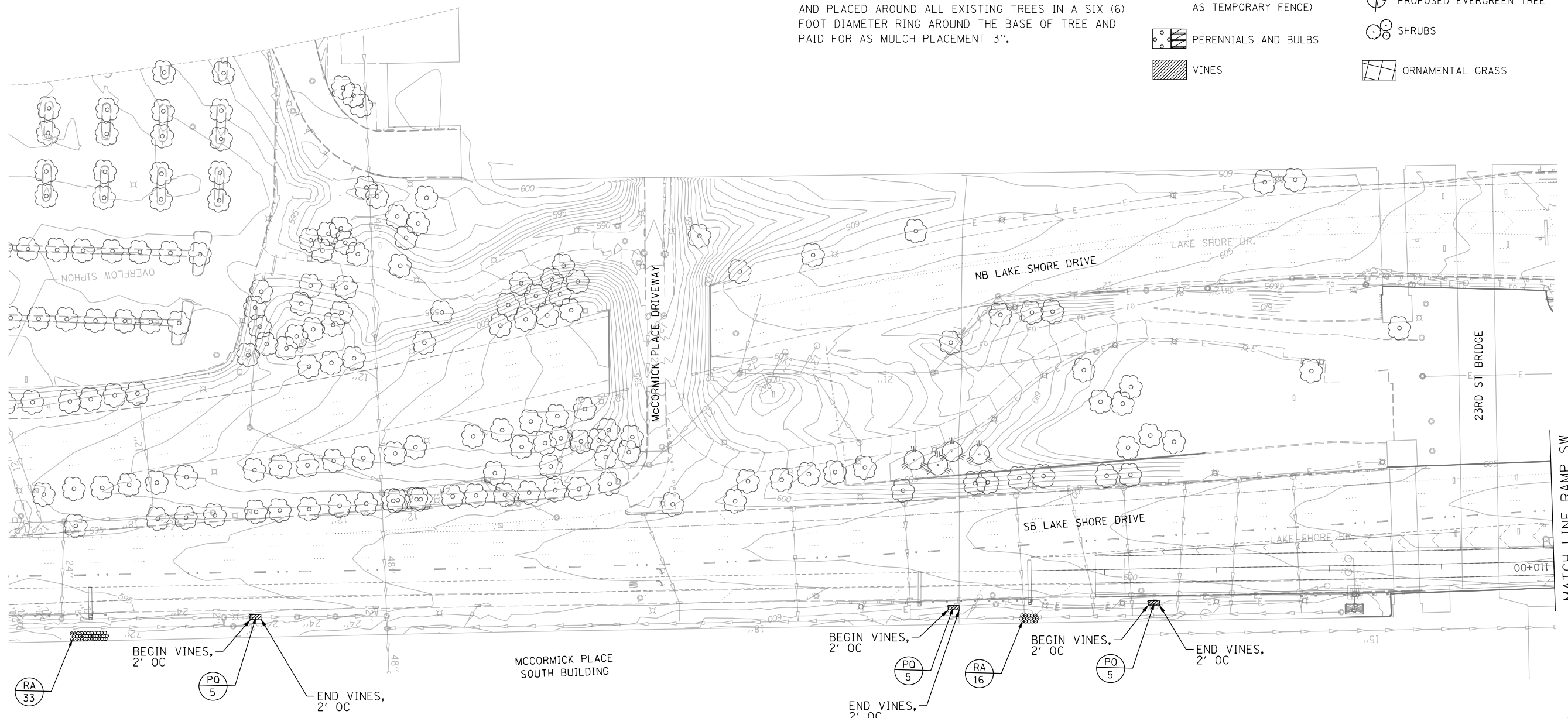


**LANDSCAPING NOTES**

1. FOR LANDSCAPE DETAILS, SEE SHEET 29
2. FOR LANDSCAPE SCHEDULE, SEE SHEET 32
3. PERENNIALS, 18"-24" OC., SEE SHEET 32
4. ORNAMENTAL GRASS, 36" OC.
5. SHREDDED HARDWOOD BARK MULCH SHALL BE SUPPLIED AND PLACED AROUND ALL EXISTING TREES IN A SIX (6) FOOT DIAMETER RING AROUND THE BASE OF TREE AND PAID FOR AS MULCH PLACEMENT 3".

**LANDSCAPING LEGEND**

- EXISTING TREE TO REMAIN
- TREE REMOVAL
- TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)
- PERENNIALS AND BULBS
- VINES
- PROPOSED SHADE TREE
- PROPOSED ORNAMENTAL TREE
- PROPOSED EVERGREEN TREE
- SHRUBS
- ORNAMENTAL GRASS



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PLOT DATE = 12/13/2017	CHECKED - MJE	REVISED -
	DATE - 10/20/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPE PLAN  
RAMP SW BETWEEN  
23RD ST. & 18TH ST.**

SCALE: 1" = 50' SHEET NO. 4 OF 6 SHEETS STA. 110+00.00 TO STA. 114+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	26
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				

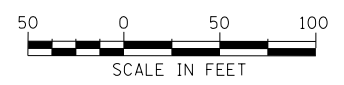
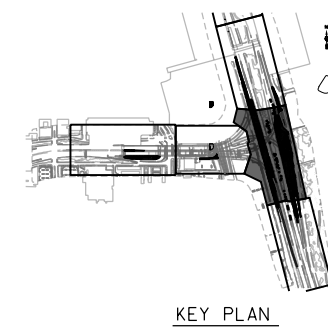
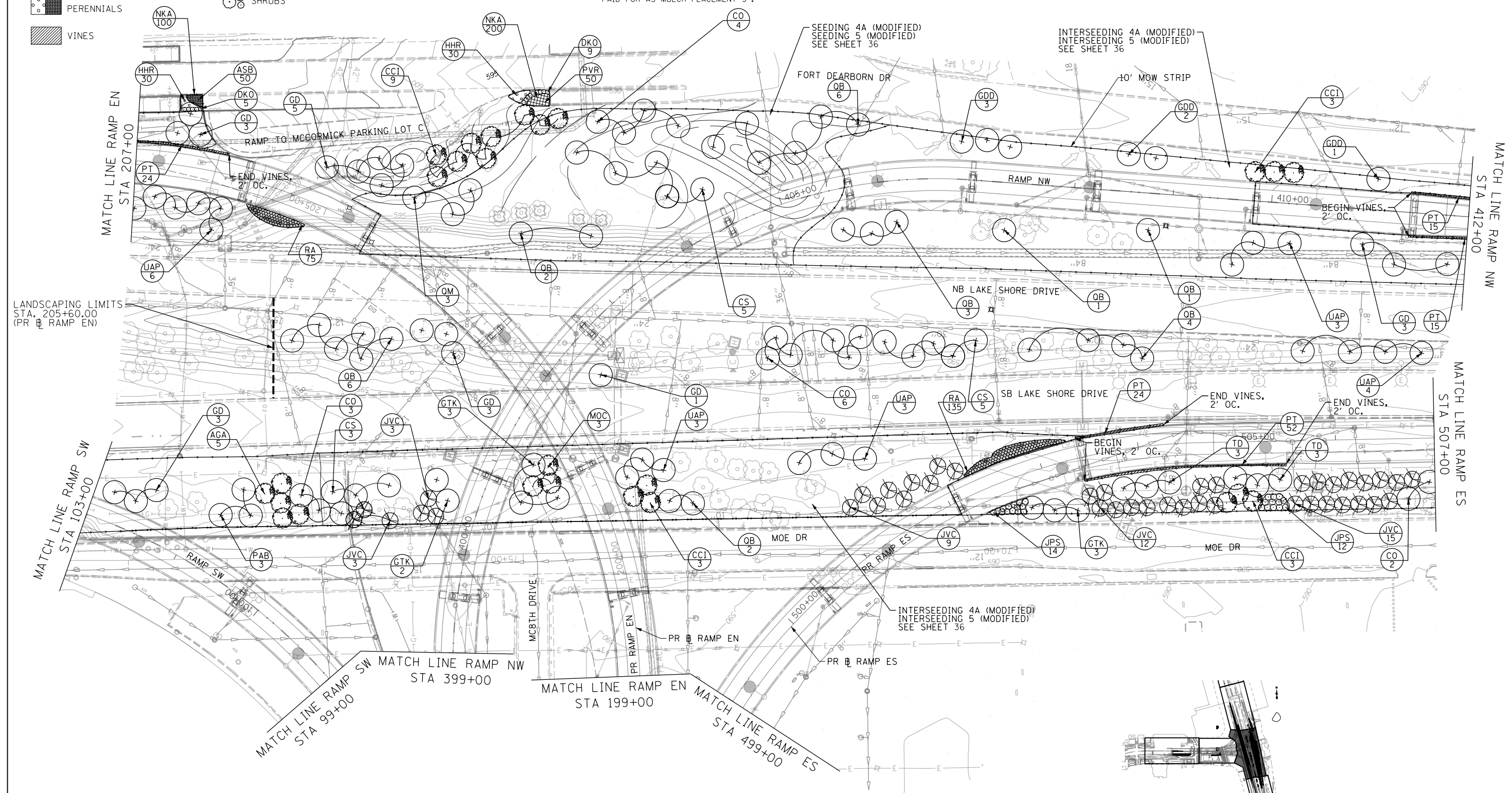


**LANDSCAPING LEGEND**

- EXISTING TREE TO REMAIN
- PROPOSED SHADE TREE
- ORNAMENTAL GRASS
- TREE REMOVAL
- PROPOSED ORNAMENTAL TREE
- TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)
- PROPOSED EVERGREEN TREE
- PERENNIALS
- SHRUBS
- VINES

**LANDSCAPING NOTES**

1. FOR LANDSCAPE GRADING, SEE SHEET 21
2. FOR LANDSCAPE DETAILS, SEE SHEET 29
3. FOR LANDSCAPE SCHEDULE, SEE SHEET 32
4. FOR SEEDING/SODDING PLAN, SEE SHEET 36
5. PERENNIALS, 18"-24" OC., SEE SHEET 32
6. ORNAMENTAL GRASS, 36" OC.
7. SHREDDED HARDWOOD BARK MULCH SHALL BE SUPPLIED AND PLACED AROUND ALL EXISTING TREES IN A SIX (6) FOOT DIAMETER RING AROUND THE BASE OF TREE AND PAID FOR AS MULCH PLACEMENT 3".
8. MAINTAIN 5' MINIMUM PLANTING OFFSET TO EXISTING EDGE OF 84" STORM SEWER



FILE NAME = D:\62A93-Sht-LandscapePlan05.dgn













USER NAME = HENAC	DESIGNED - KP	REVISED -
PLOT SCALE = 100.0001' / in.	DRAWN - CRH	REVISED -
PLOT DATE = 12/13/2017	CHECKED - MJE	REVISED -
	DATE - 10/20/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>LANDSCAPE PLAN RAMP EN AND RAMP ES</b>		
SCALE: 1" = 50'	SHEET NO. 5 OF 6 SHEETS	STA. 199+00 TO STA. 207+00

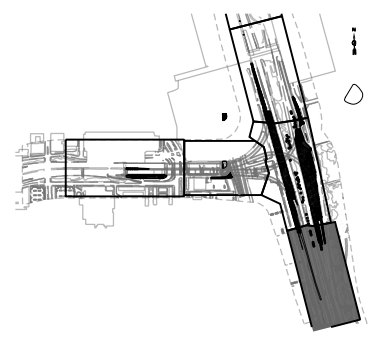
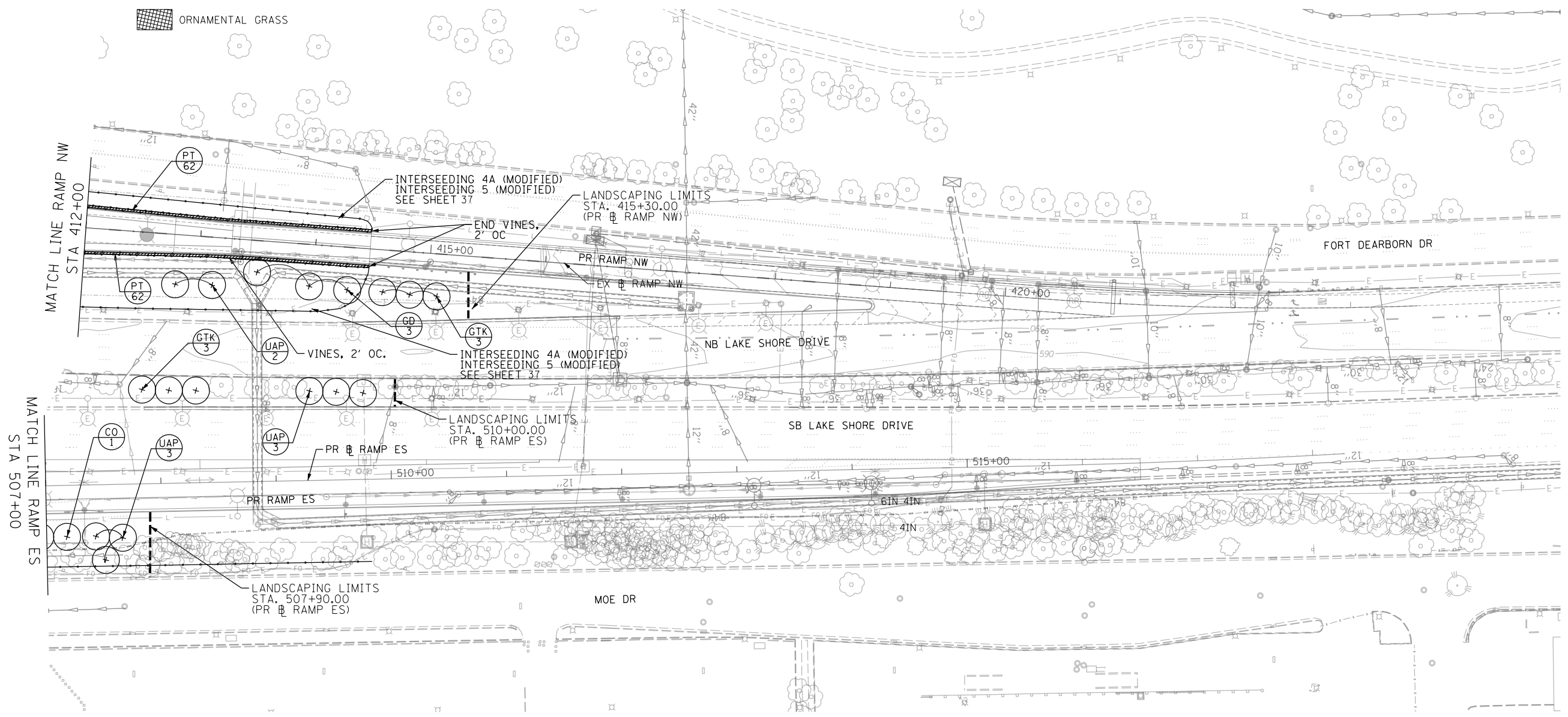
F.A.I. RTE. 55	SECTION 2015-036LS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 27
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				

**LANDSCAPING LEGEND**

-  EXISTING TREE TO REMAIN
-  TREE REMOVAL
-  TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)
-  PERENNIALS AND BULBS
-  VINES
-  PROPOSED SHADE TREE
-  PROPOSED ORNAMENTAL TREE
-  PROPOSED EVERGREEN TREE
-  SHRUBS
-  ORNAMENTAL GRASS

**LANDSCAPING NOTES**

1. FOR LANDSCAPE DETAILS, SEE SHEET 29
2. FOR LANDSCAPE SCHEDULE, SEE SHEET 32
3. FOR SEEDING/SODDING PLAN, SEE SHEET 37
4. SHREDDED HARDWOOD BARK MULCH SHALL BE SUPPLIED AND PLACED AROUND ALL EXISTING TREES IN A SIX (6) FOOT DIAMETER RING AROUND THE BASE OF TREE AND PAID FOR AS MULCH PLACEMENT 3".



KEY PLAN



FILE NAME = D:\62A93-Sht-LandscapePlan06.dgn



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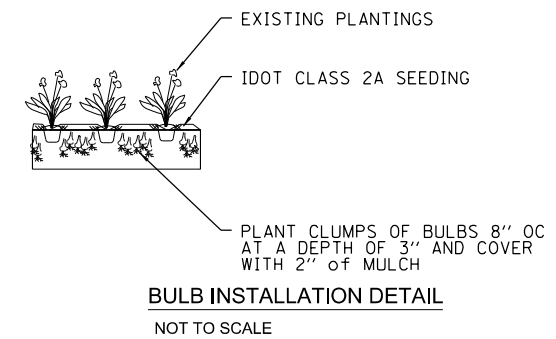
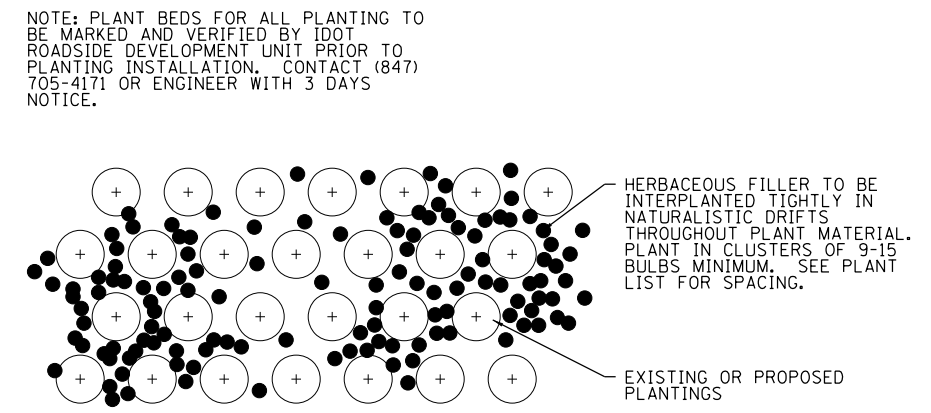
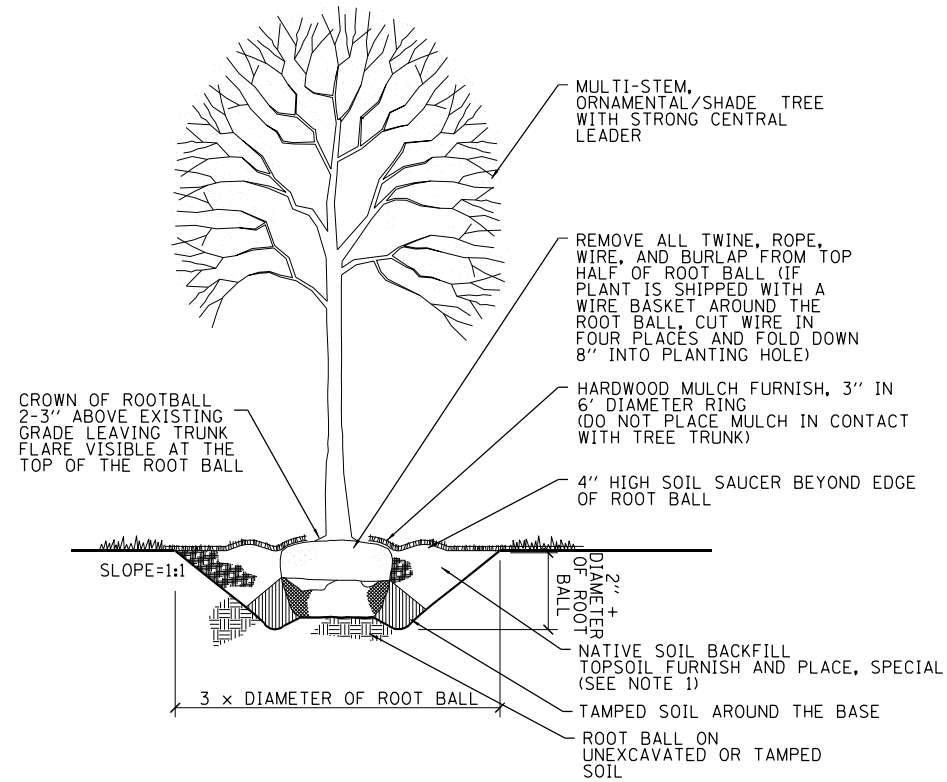
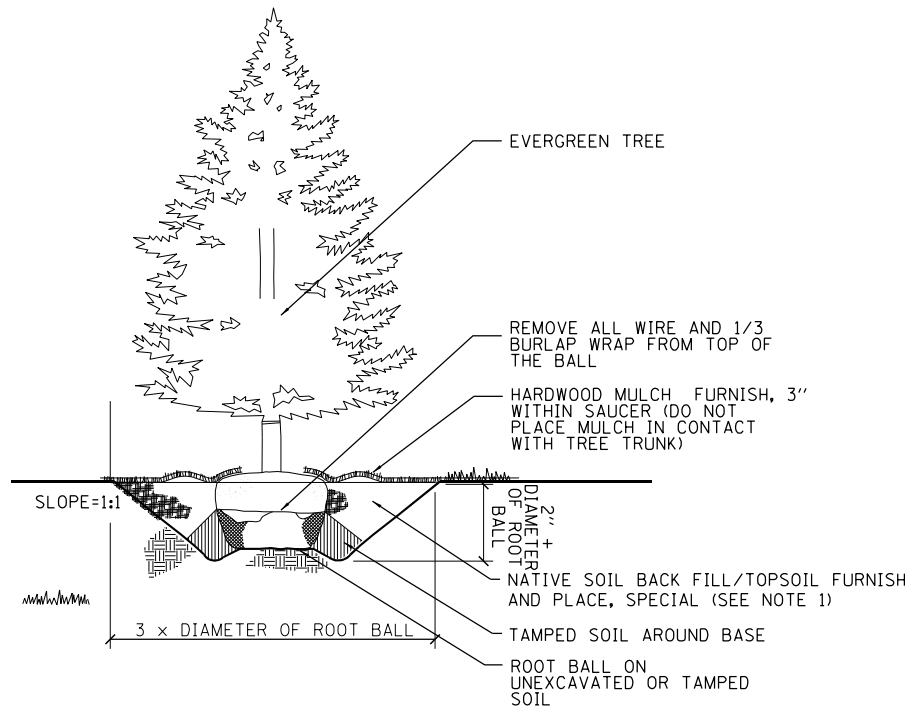
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPE PLAN  
RAMP ES**

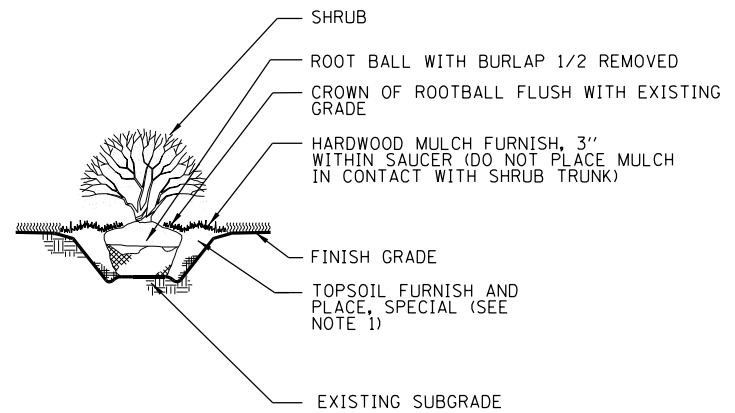
SCALE: 1" = 50' SHEET NO. 6 OF 6 SHEETS STA. 507+00 TO STA. 516+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	28
CONTRACT NO. 62A93				

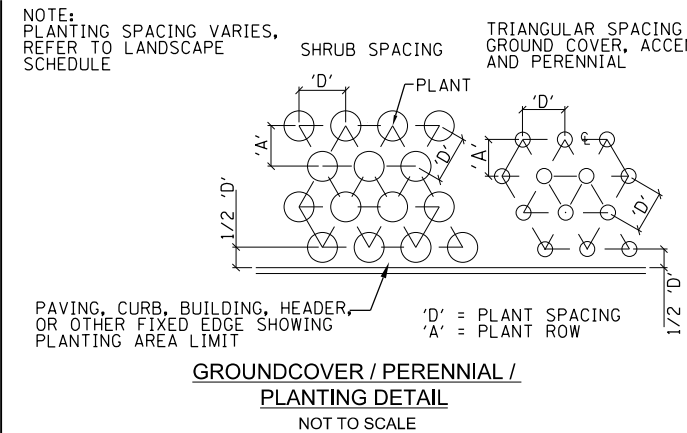
ILLINOIS FED. AID PROJECT



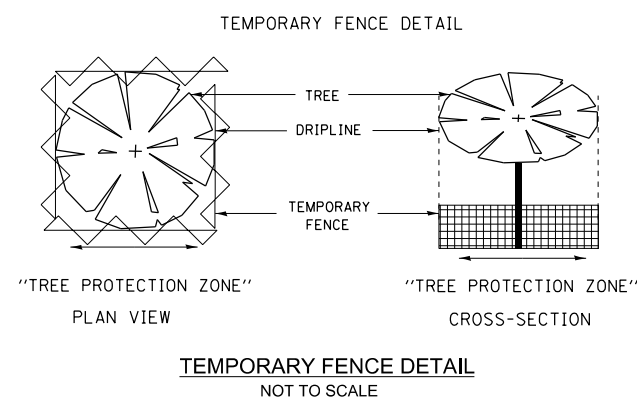
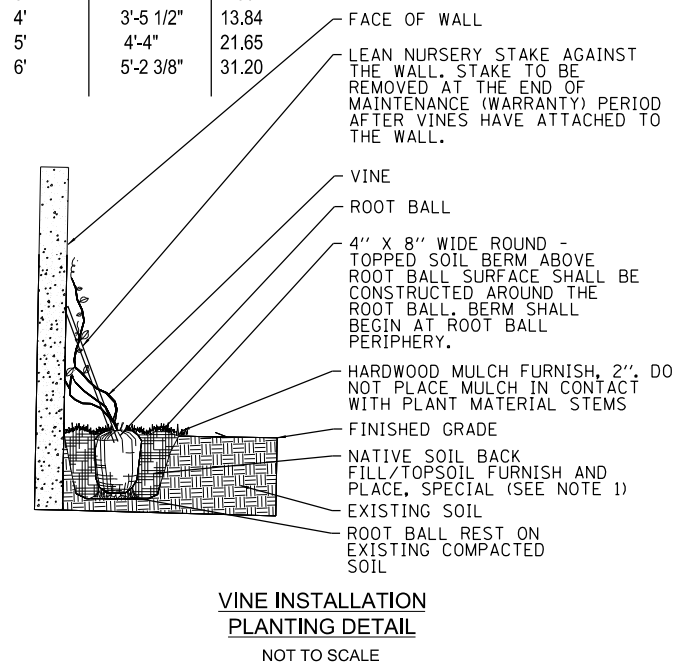
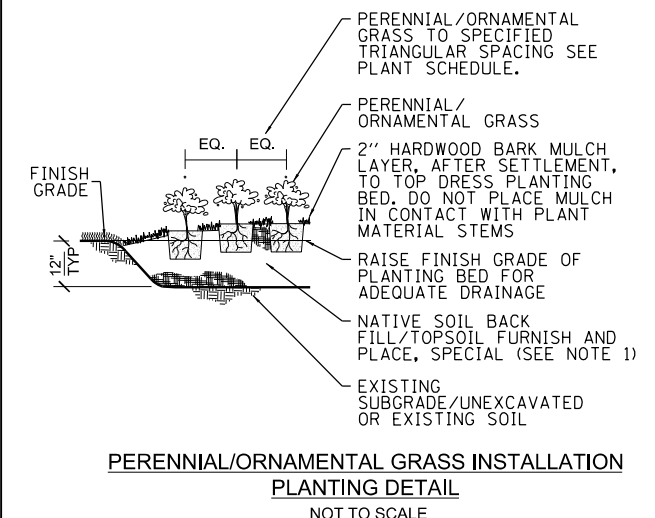
NOTE: PLANT BEDS FOR ALL PLANTING TO BE MARKED AND VERIFIED BY IDOT ROADSIDE DEVELOPMENT UNIT PRIOR TO PLANTING INSTALLATION. CONTACT (847) 705-4171 OR ENGINEER WITH 3 DAYS NOTICE.



NOTE:  
1. THE BACKFILL SHALL BE NATIVE SOIL BACKFILL WHEN APPROPRIATE  
2. WHEN UNSUITABLE MATERIAL IS ENCOUNTERED, THE HOLE SHALL BE BACKFILLED WITH TOPSOIL FURNISH AND PLACED (SPECIAL)



P	R	AREA PER PLANT SQ. FT.
TRIANGULAR	ROW	
4"	3 7/16"	.096
6"	5 1/4"	.22
8"	7"	.385
10"	8 3/4"	.60
12"	10 3/8"	.87
18"	1'-3 5/8"	1.95
24"	1'-8 3/4"	3.46
30"	2'-2"	5.42
3'	2'-7"	7.80
4'	3'-5 1/2"	13.84
5'	4'-4"	21.65
6'	5'-2 3/8"	31.20



NOTES:  
1. TREE PITS TO BE BACKFILLED WITH THE NATIVE SOIL THAT WAS REMOVED FROM THE HOLE. WHEN UNSUITABLE MATERIAL IS ENCOUNTERED, THE HOLE SHALL BE BACKFILLED WITH TOPSOIL FURNISH AND PLACE, SPECIAL.  
2. SEE LANDSCAPING SCHEDULE ON SHEET NO.32 FOR PLANT TYPE AND SPACING INFORMATION.  
3. SHREDDED HARDWOOD BARK MULCH SHALL BE PLACED AROUND ALL NEW PLANTS AND INCLUDED IN THE COST OF THE TREES, SHRUBS, VINES, AND PERENNIAL PLANT PAY ITEMS.

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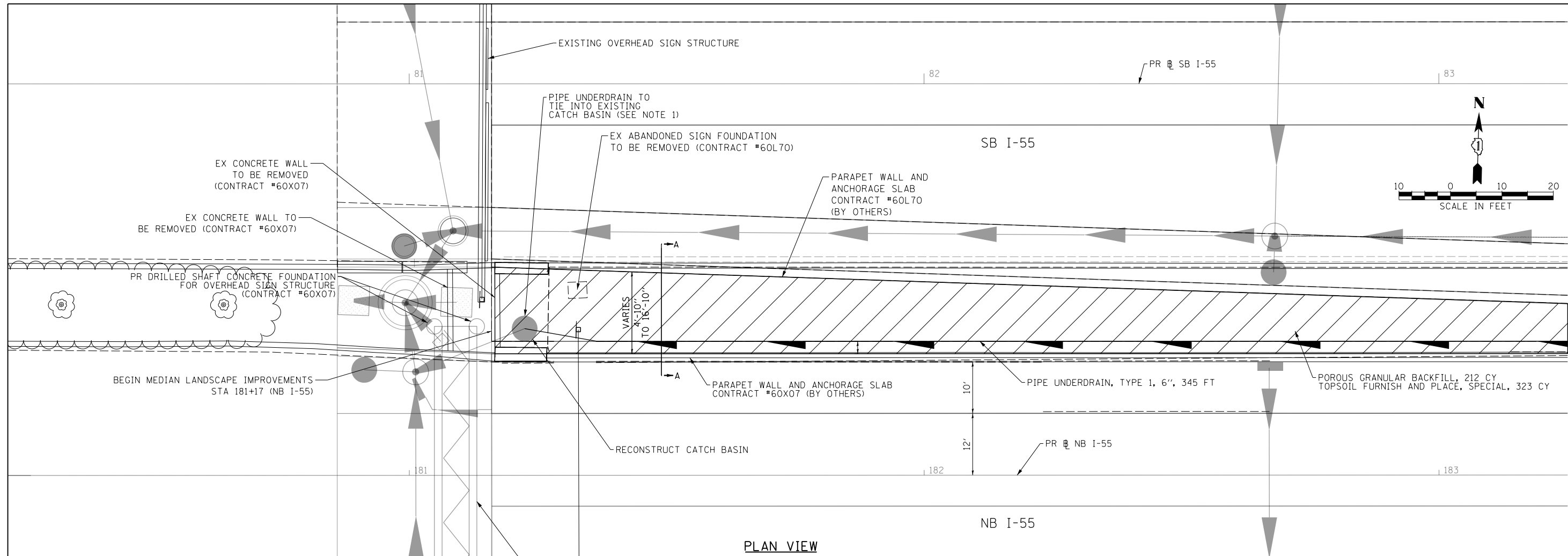
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PLOT DATE = 12/13/2017	CHECKED - MJE	REVISED -
	DATE - 10/20/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LANDSCAPING DETAILS

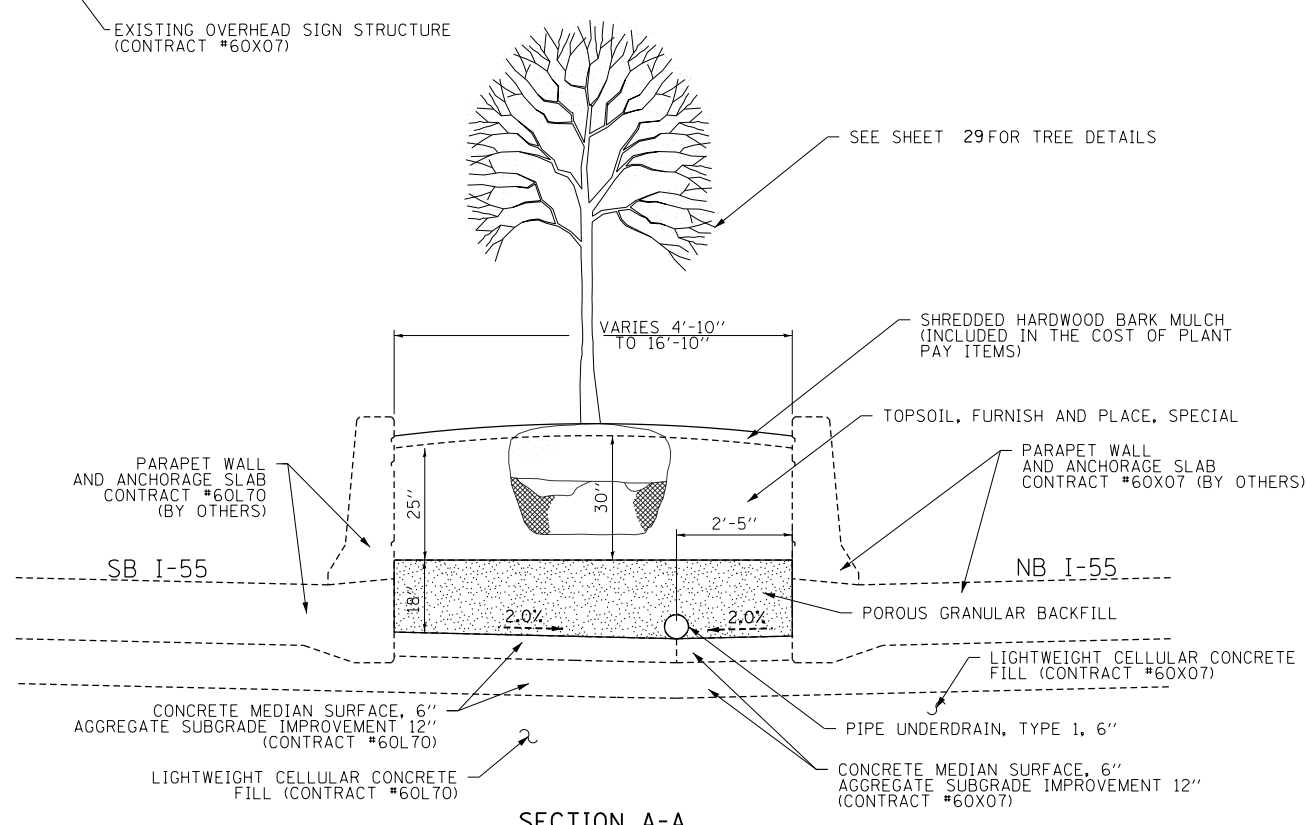
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	29
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				



PLAN VIEW

**NOTE 1:**  
 THE COST TO TIE THE PROPOSED PIPE UNDERDRAIN INTO THE EXISTING CATCH BASIN INCLUDING CORE DRILLING THE CATCH BASIN AND SEALING THE CONNECTION IS INCLUDED IN THE PAY ITEM PIPE UNDERDRAIN, TYPE 1, 6"



SECTION A-A  
 (I-55 MEDIAN DETAIL)

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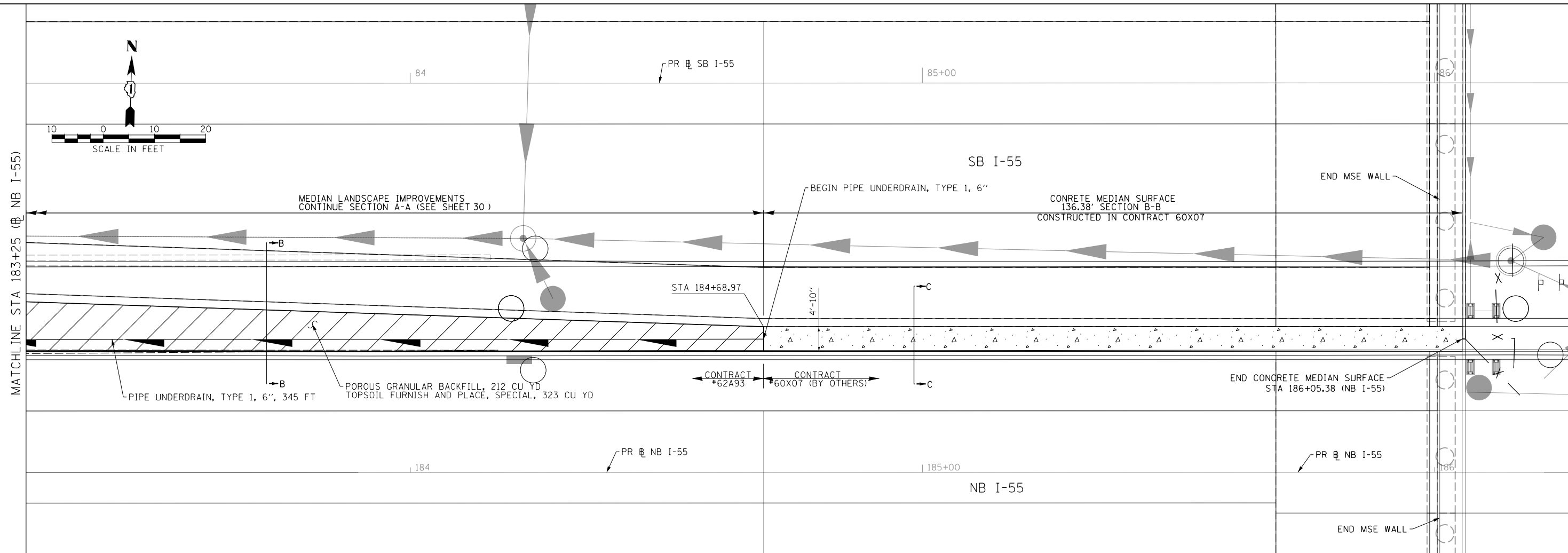
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

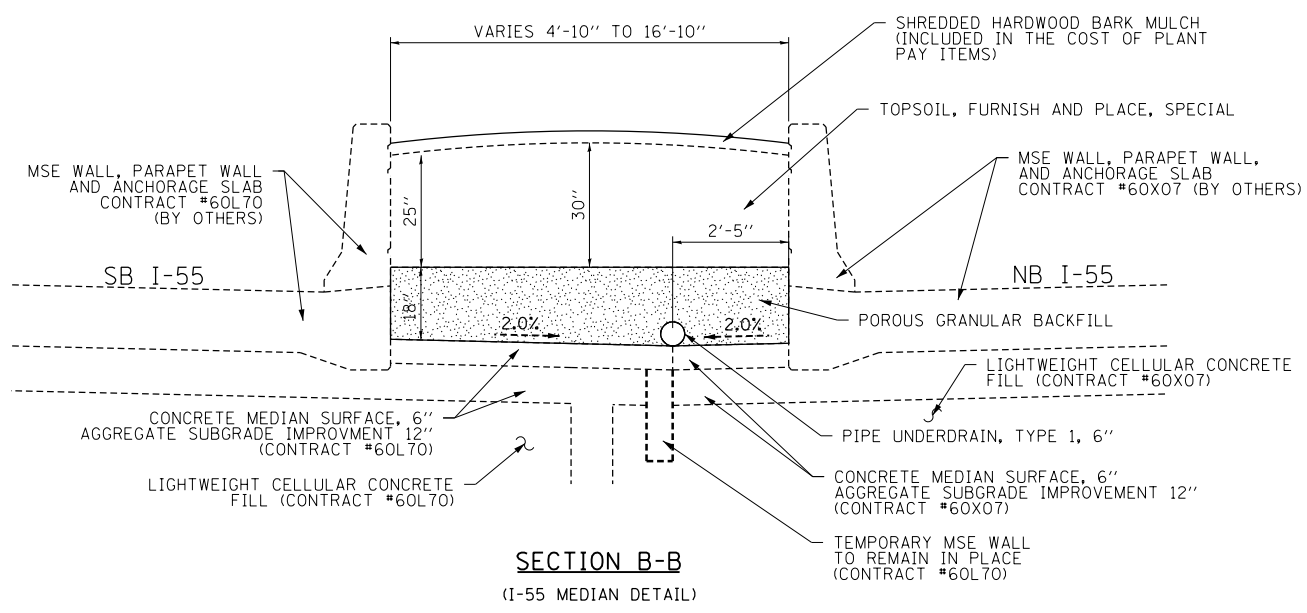
LANDSCAPING DETAILS I-55 MEDIAN

SCALE: 1" = 10' SHEET NO. 2 OF 3 SHEETS STA. TO STA.

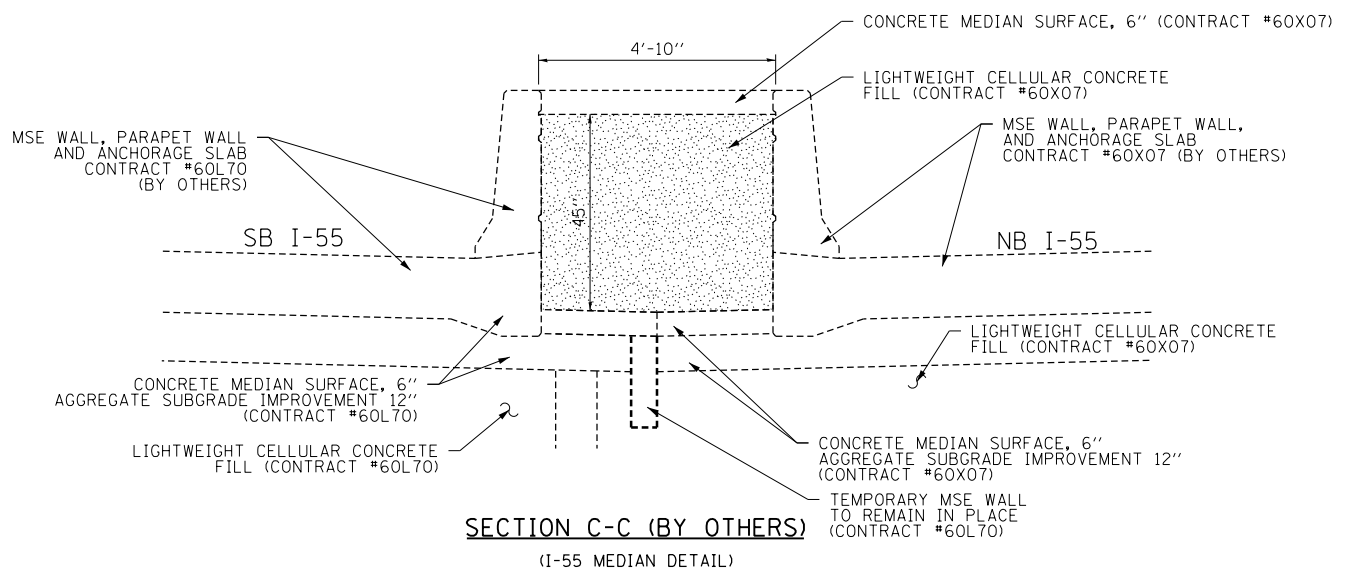
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	30
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				



PLAN VIEW



SECTION B-B  
(I-55 MEDIAN DETAIL)



SECTION C-C (BY OTHERS)  
(I-55 MEDIAN DETAIL)

FILE NAME = D:\62A93-Sht-Landscape-Detail-03.dgn



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PLOT DATE = 12/13/2017	CHECKED - MJE	REVISED -
	DATE - 10/20/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LANDSCAPING DETAILS  
NB I-55 MEDIAN

SCALE: 1" = 10' SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	31
CONTRACT NO. 62A93				

ILLINOIS FED. AID PROJECT

ABBEV. CODE	BOTANICAL NAME	COMMON NAME	TYPE	SIZE	ROOT	REMARKS	QUANTITY	UNIT
SHADE TREES								
CS	CATALPA SPECIOSA	NORTHERN CATALPA		3" CAL	B&B	SPECIMEN QUALITY 25' OC	13	EACH
CO	CELTIS OCCIDENTALIS	COMMON HACKBERRY		2 1/2" CAL	B&B	SPECIMEN QUALITY 25' OC	17	EACH
GBA	GINKGO BILOBA 'AUTUMN GOLD'	AUTUMN GOLD GINKGO		2 1/2" CAL	B&B	SPECIMEN QUALITY 25' OC	4	EACH
GTK	GLEDITISIA TRIACANTHOS INERMIS 'DRAVES'	STREET KEEPER HONEYLOCUST		2" CAL	B&B	SPECIMEN QUALITY 25' OC	26	EACH
GD	GYMNOCLADUS DIOICUS	KENTUCKY COFFEETREE		3" CAL	B&B	SPECIMEN QUALITY 25' OC	38	EACH
GDD	GYMNOCLADUS DIOICUS 'DECAF'	DECAF KENTUCKY COFFEETREE		2 1/2" CAL	B&B	SPECIMEN QUALITY 25' OC	6	EACH
TD	TAXODIUM DISTICHUM	COMMON BALD CYPRESS		3" CAL	B&B	SPECIMEN QUALITY 25' OC	6	EACH
PAB	PLATANUS X ACERFOLIA 'BLOODGOOD'	BLOODGOOD PLANETREE		3" CAL	B&B	SPECIMEN QUALITY 25' OC	3	EACH
OB	QUERCUS BICOLOR	SWAMP WHITE OAK		2" CAL	B&B	SPECIMEN QUALITY 25' OC	25	EACH
OM	QUERCUS MACROCARPA	BUR OAK		2" CAL	B&B	SPECIMEN QUALITY 25' OC	3	EACH
UAT	ULMUS AMERICANA 'PATRIOT'	PATRIOT ELM		3" CAL	B&B	SPECIMEN QUALITY 25' OC	7	EACH
UAP	ULMUS AMERICANA 'PRINCETON'	PRINCETON ELM		2 1/2" CAL	B&B	SPECIMEN QUALITY 25' OC	40	EACH
ORNAMENTAL TREES								
AGA	AMELANCHIER GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE APPLE SERVICEBERRY		8' HT	B&B	CLUMP FORM, MATCHING HEADS 15' OC	5	EACH
CCI	CRATAEGUS CRUGALLI 'INERMIS'	THORNLESS COCKSPUR		8' HT	B&B	SPECIMEN QUALITY 15' OC	18	EACH
MOC	MALUS 'ORANGE CRUSH'	ORANGE CRUSH CRABAPPLE		6' HT	B&B	SPECIMEN QUALITY 15' OC	3	EACH
EVERGREEN								
JVC	JUNIPERUS VIRGINIANA 'CANAERTII'	CANAERTII RED CEDAR		5' HT	B&B	SPACED AS SHOWN	47	EACH
SHRUBS								
DKO	DIERVILLA 'KODIAK ORANGE'	KODIAK ORANGE BUSH-HONEYSUCKLE	SMALL SHRUB	24" HT	5 GAL CONTAINER	SPACED 48" OC	32	EACH
JPS	JUNIPERUS CHINENSIS 'SEA GREEN'	SEA GREEN JUNIPER	EVERGREEN SHRUB	3' WIDTH	B&B	SPACED 72" OC	38	EACH
RA	RHUS AROMATICA	FRAGRANT SUMAC	MEDIUM SHRUB	2' WIDTH	B&B	SPACED 36" OC	259	EACH
VDB	VIBURNUM DENTATUM 'BLUE MUFFIN'	BLUE MUFFIN ARROWHEAD	MEDIUM SHRUB	3' HT	B&B	SPACED 48" OC	192	EACH
VDR	VIBURNUM DENTATUM 'RASTZAM'	RASPBERRY TART ARROWHEAD	MEDIUM SHRUB	24" HT	5 GAL CONTAINER	SPACED 48" OC	36	EACH
ORNAMENTAL GRASSES, PERENNIALS, AND BULBS								
ASB	ALLIUM 'SUMMER BEAUTY'	SUMMER BEAUTY ONION	PERENNIAL	1 GAL	POT	SPACED 18" OC	.5	UNIT
EPM	ECHINACEA PURPUREA 'MAGNUS'	MAGNUS PURPLE CONEFLOWER	PERENNIAL	1 GAL	POT	SPACED 18" OC	1.8	UNIT
HSD	HEMEROCALLIS 'STELLA DE ORO'	STELLA DE ORO DAYLILY	PERENNIAL	1 GAL	POT	SPACED 15" OC	22	UNIT
HHR	HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	PERENNIAL	1 GAL	POT	SPACED 24" OC	1.71	UNIT
PVR	PANICUM VIRGATUM 'ROTSTRAHLBUSCH'	RED SWITCH GRASS	ORNAMENTAL GRASS	1 GAL	POT	SPACED 36" OC	1.11	UNIT
NKA	NARCISSUS 'KING ALFRED'	KING ALFRED DAFFODIL	BULB	15/17 CM		INTERPLANTED/NATURALIZED IN DRIFTS - GROUPINGS OF 9-15 BULBS	8	UNIT
VINES								
PT	PARTHENOISSUS TRICUSPIDATA	BOSTON IVY	VINE	1 GAL	POT	SPACED 24" OC	480	EACH
PO	PARTHENOISSUS QUINQUEFOLIA	VIRGINIA CREEPER	VINE	1 GAL	POT	SPACED 24" OC	15	UNIT
SEEDING								
	CLASS 2A						1.25	ACRE
	CLASS 4A (MODIFIED)						1.50	ACRE
	CLASS 5 (MODIFIED)						1.50	ACRE
	INTERSEEDING, CLASS 4A (MODIFIED)						5.00	ACRE
	INTERSEEDING CLASS 5 (MODIFIED)						5.00	ACRE

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 PLOT DATE = 12/13/2017  
 DATE - 10/20/2017

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

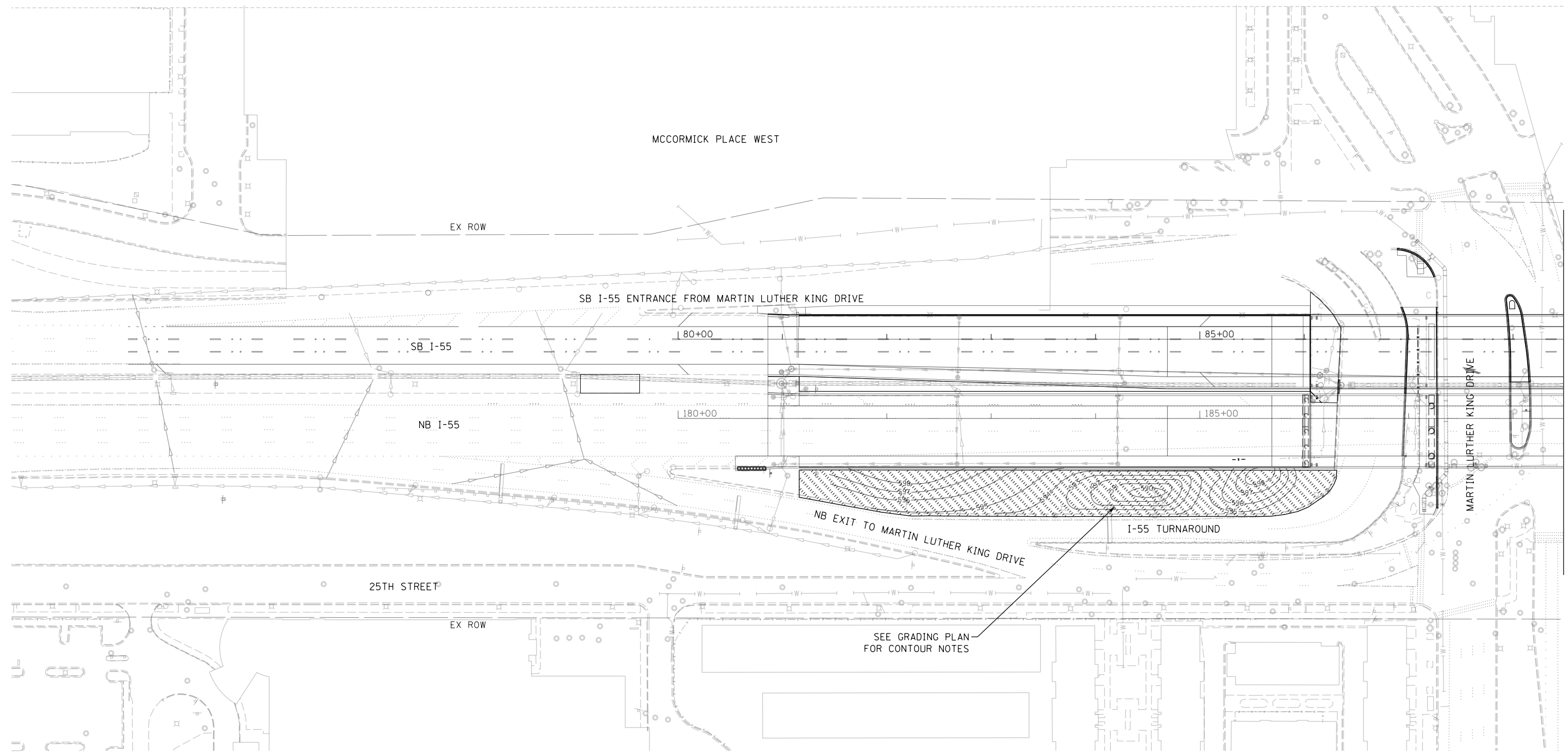
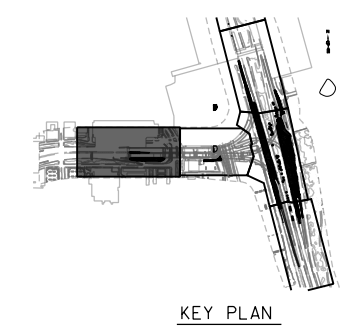
**LANDSCAPING SCHEDULE**

SCALE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	32
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				

**SEEDING/SODDING LEGEND**

- SEEDING, CLASS 2A
- TOPSOIL EXCAVATION AND PLACEMENT, SPECIAL
- NITROGEN FERTILIZER NUTRIENT
- POTASSIUM FERTILIZER NUTRIENT
- SUPPLEMENTAL WATERING



MATCH LINE NB I-55 STA 188+50



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



**SODDING/SEEDING PLAN  
NB I-55**

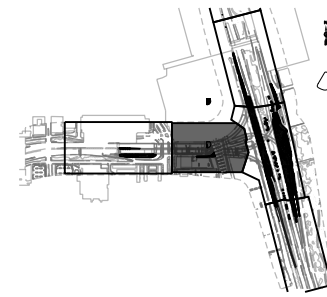
SCALE: 1" = 50'    SHEET NO. 1 OF 5 SHEETS    STA. 180+86.00 TO STA. 188+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	33
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				

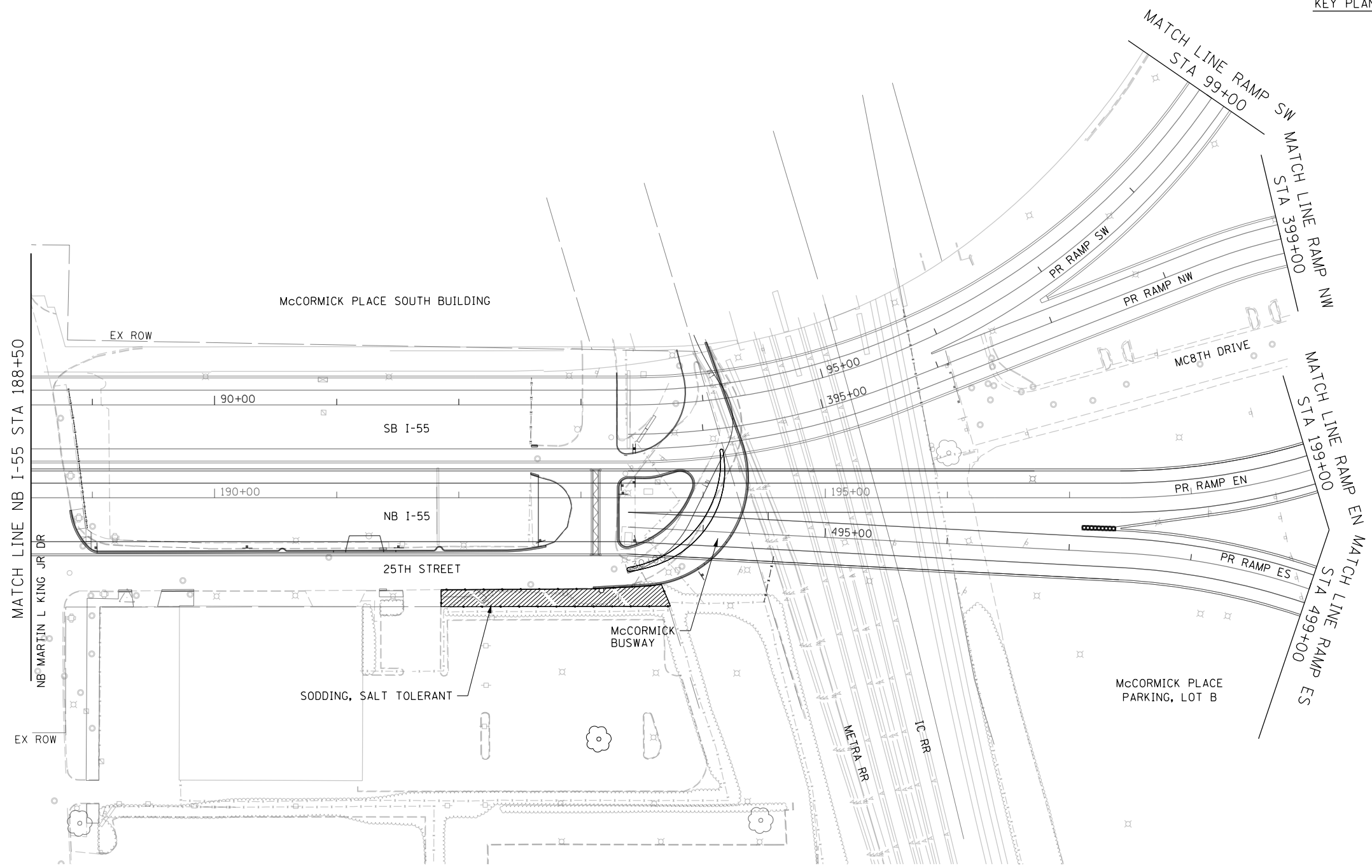


**SEEDING/SODDING LEGEND**

 SODDING, SALT TOLERANT  
 SUPPLEMENTAL WATERING



KEY PLAN



FILE NAME = D:\62A93-Sht-SeedlingPlan02.dgn



USER NAME = HENAOC	DESIGNED - KP	REVISED -
	DRAWN - CRH	REVISED -
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PLOT DATE = 12/13/2017	DATE - 10/20/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SEEDING/SODDING PLAN  
NB I-55**

SCALE: 1" = 50' SHEET NO. 2 OF 5 SHEETS STA. 188+50.00 TO STA. 199+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	34
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				

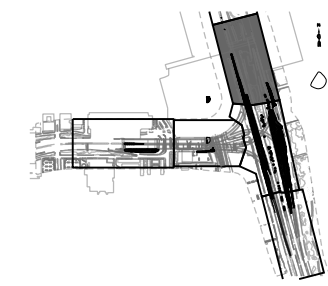
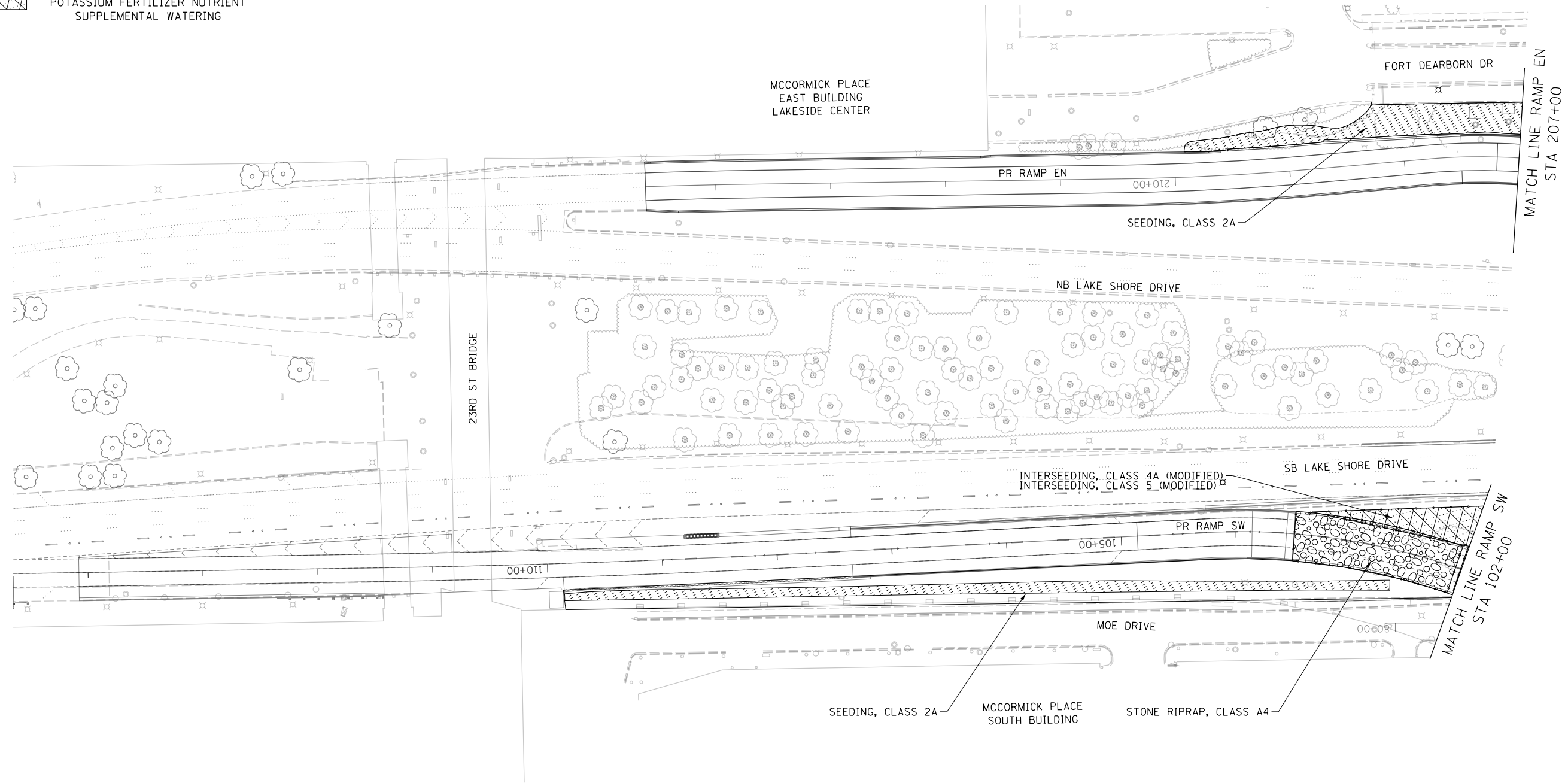


**SEEDING/SODDING LEGEND**

SEEDING, CLASS 2A  
 TOPSOIL EXCAVATION AND PLACEMENT, SPECIAL  
 NITROGEN FERTILIZER NUTRIENT  
 POTASSIUM FERTILIZER NUTRIENT  
 SUPPLEMENTAL WATERING

SEEDING, CLASS 4A (MODIFIED)  
 SEEDING, CLASS 5 (MODIFIED)  
 NITROGEN FERTILIZER NUTRIENT  
 POTASSIUM FERTILIZER NUTRIENT  
 SUPPLEMENTAL WATERING

INTERSEEDING, CLASS 4A (MODIFIED)  
 INTERSEEDING, CLASS 5 (MODIFIED)  
 NITROGEN FERTILIZER NUTRIENT  
 POTASSIUM FERTILIZER NUTRIENT  
 SUPPLEMENTAL WATERING



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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SEEDING/SODDING PLAN  
 RAMP EN**

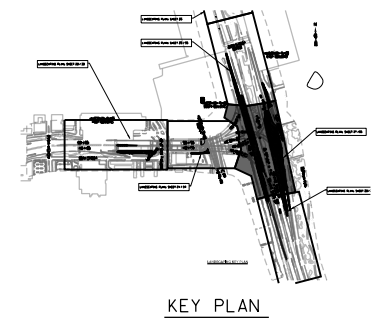
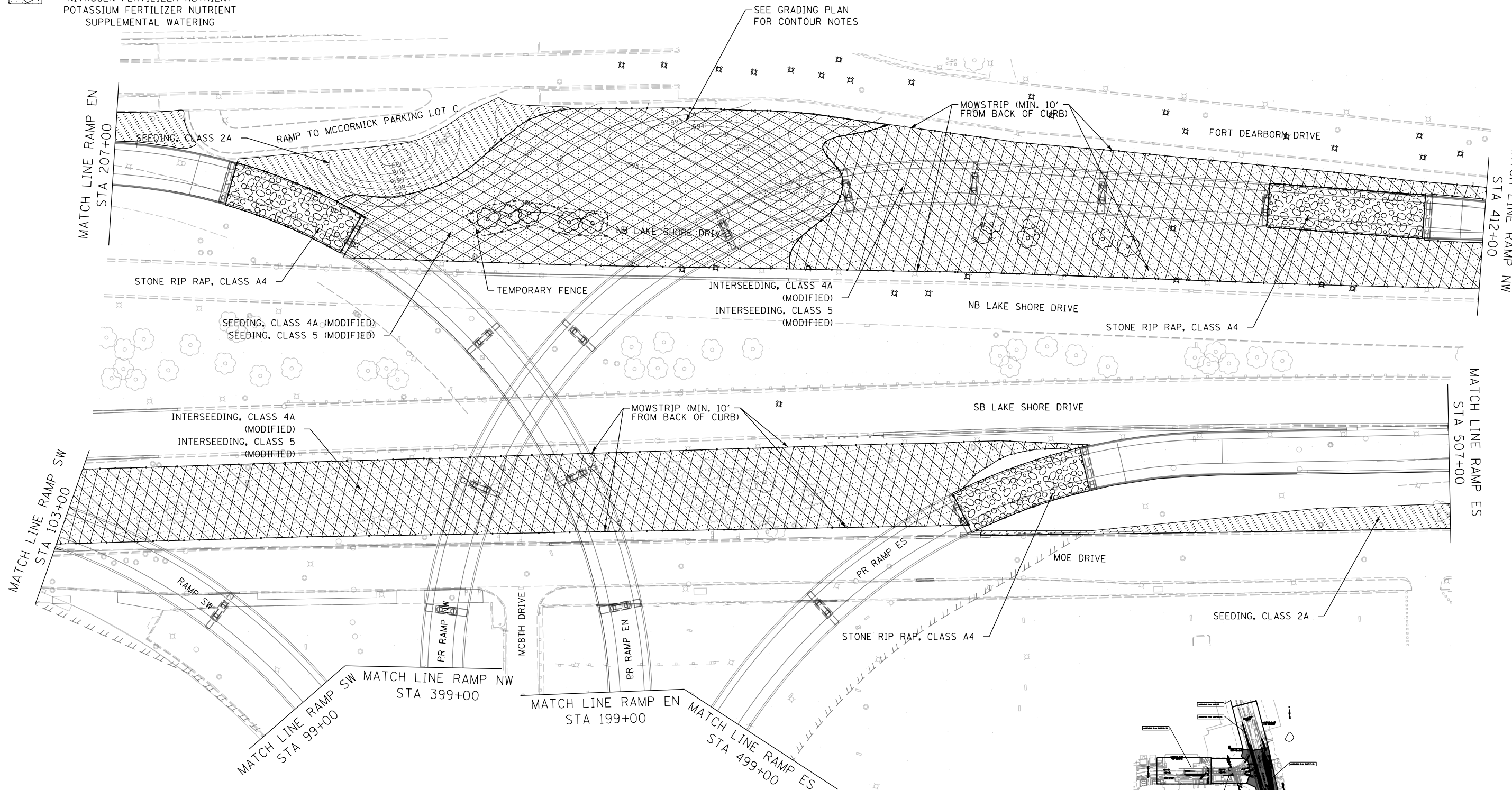
SCALE: 1" = 50' SHEET NO. 3 OF 5 SHEETS STA. 207+00 TO STA. 214+60.73

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	35
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				

**SEEDINGSODDING LEGEND**

- SEEDING, CLASS 2A  
TOPSOIL EXCAVATION AND PLACEMENT, SPECIAL  
NITROGEN FERTILIZER NUTRIENT  
POTASSIUM FERTILIZER NUTRIENT  
SUPPLEMENTAL WATERING
- SEEDING, CLASS 4A (MODIFIED)  
SEEDING, CLASS 5 (MODIFIED)  
NITROGEN FERTILIZER NUTRIENT  
POTASSIUM FERTILIZER NUTRIENT  
SUPPLEMENTAL WATERING

- INTERSEEDING, CLASS 4A (MODIFIED)  
INTERSEEDING, CLASS 5 (MODIFIED)  
NITROGEN FERTILIZER NUTRIENT  
POTASSIUM FERTILIZER NUTRIENT  
SUPPLEMENTAL WATERING



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PLOT DATE = 12/13/2017	CHECKED - MJE	REVISED -
	DATE - 10/20/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SEEDING/SODDING PLAN RAMP EN AND RAMP ES</b>	
SCALE: 1" = 50'	SHEET NO. 4 OF 5 SHEETS
STA. 199+00	TO STA. 207+00

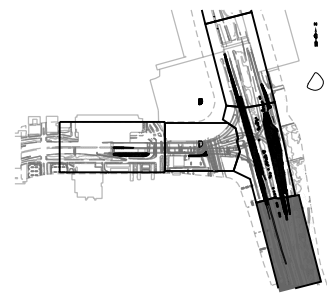
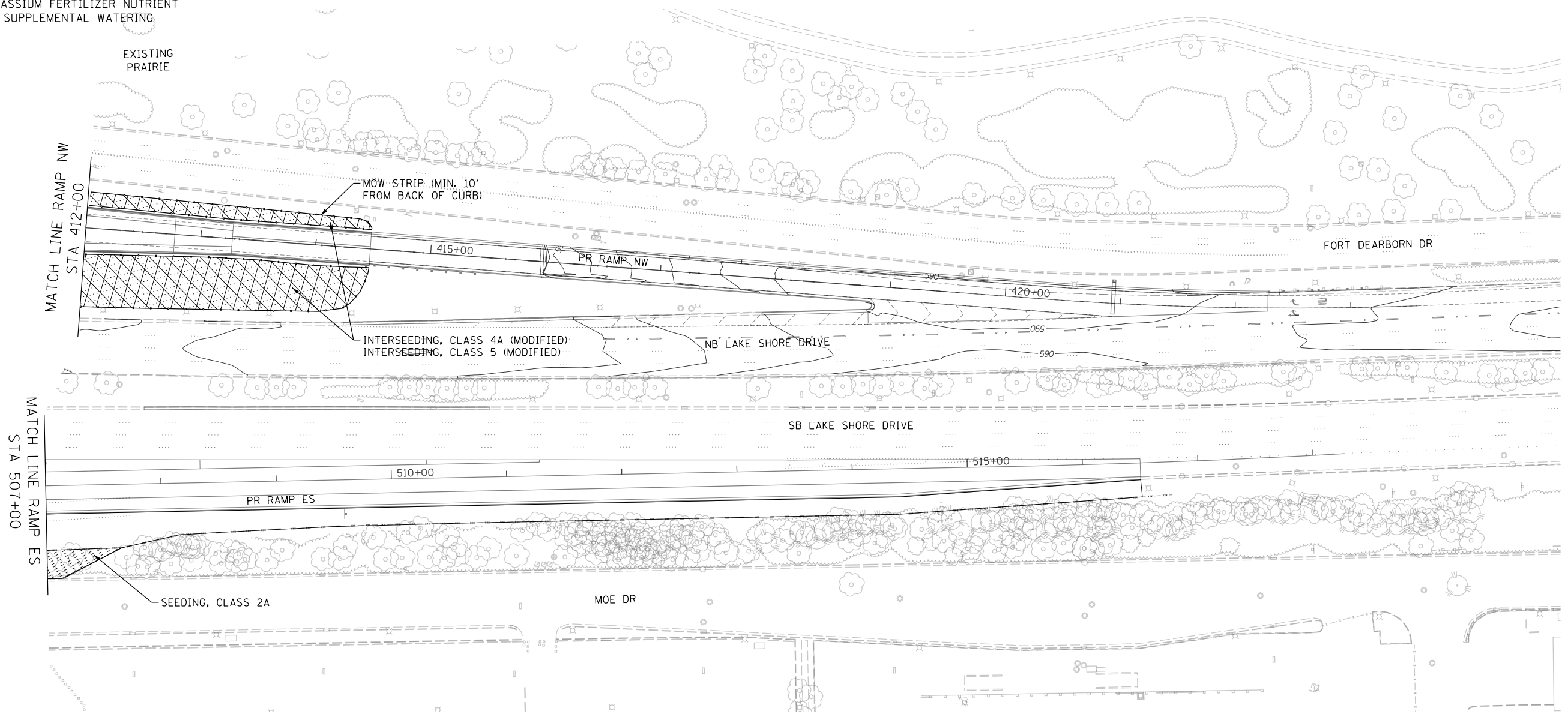
F.A.I. RTE. 55	SECTION 2015-036LS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 36
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				

**SEEDING/SODDING LEGEND**

SEEDING, CLASS 2A  
 TOPSOIL EXCAVATION AND PLACEMENT, SPECIAL  
 NITROGEN FERTILIZER NUTRIENT  
 POTASSIUM FERTILIZER NUTRIENT  
 SUPPLEMENTAL WATERING

SEEDING, CLASS 4A (MODIFIED)  
 SEEDING, CLASS 5 (MODIFIED)  
 NITROGEN FERTILIZER NUTRIENT  
 POTASSIUM FERTILIZER NUTRIENT  
 SUPPLEMENTAL WATERING

INTERSEEDING, CLASS 4A (MODIFIED)  
 INTERSEEDING, CLASS 5 (MODIFIED)  
 NITROGEN FERTILIZER NUTRIENT  
 POTASSIUM FERTILIZER NUTRIENT  
 SUPPLEMENTAL WATERING



KEY PLAN



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PLOT DATE = 12/13/2017	CHECKED - MJE	REVISED -
	DATE - 10/20/2017	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SEEDING/SODDING PLAN  
 RAMP ES**

SCALE: 1" = 50' SHEET NO. 5 OF 5 SHEETS STA. 507+00 TO STA. 516+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	37
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				

## TRAFFIC CONTROL GENERAL NOTES

1. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. TYPE A LOW INTENSITY FLASHING WARNING LIGHTS SHALL BE USED ON EACH SIGN IN ADVANCE OF THE WORK DURING HOURS OF DARKNESS.
3. ALL WARNING SIGNS SHALL BE A MINIMUM OF 48" x 48" AND HAVE A BLACK LEGEND AND BORDER ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND.
4. WHERE ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
5. EXACT LOCATION OF ALL WARNING SIGNS AND BARRICADES SHALL BE STAKED IN THE FIELD FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
6. PRIOR TO START OF CONSTRUCTION, ALL REQUIRED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE.
7. COOPERATION BETWEEN CONTRACTORS WILL BE REQUIRED. THE CONTRACTOR SHALL COORDINATE TRAFFIC CONTROL WITH OTHER ADJACENT CONTRACTS WHICH MAY BE UNDER CONSTRUCTION DURING THE DURATION OF THIS PROJECT. NO ADDITIONAL COMPENSATION IS ALLOWED. ADJACENT CONTRACTS MAY CONSIST OF, BUT ARE NOT LIMITED TO PROJECTS NEAR:
  - o CONTRACT 60L70 - I-55 OUTBOUND BRIDGES
  - o CONTRACT 60X07 - I-55 INBOUND BRIDGES
  - o McCORMICK PLACE PROJECTS
  - o MUSEUM CAMPUS PROJECTS
  - o AND OTHERS.
8. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 28 DAYS PRIOR TO ANY ANTICIPATED CLOSURES.
9. A MINIMUM 11' LANE WIDTH SHALL BE MAINTAINED ON ALL INTERSTATE LANES OPEN TO TRAFFIC DURING CONSTRUCTION.
10. PROVIDE CONTINUOUS TEMPORARY ACCESS TO ALL SIDE STREETS, ALLEYS, DRIVEWAYS, AND PARKING LOTS UNLESS SPECIFICALLY IDENTIFIED ON THE PLANS FOR TEMPORARY CLOSURE. LOTS WITH MORE THAN ONE DRIVEWAY MUST BE STAGED TO KEEP AT LEAST ONE DRIVEWAY OPEN AT ALL TIMES.
11. THE CONTRACTOR SHALL MAINTAIN TRAFFIC ON ALL STREETS EXCEPT WHERE NOTED ON THE PLANS AND PROHIBIT PARKING WITHIN FIFTY (50) FEET OF THE CONSTRUCTION AREA AT ALL TIMES. NOTIFY CDOT AND OEMC AT LEAST 72 HOURS BEFORE COMMENCING CONSTRUCTION.
12. MAINTAIN ACCESS TO FIRE HYDRANTS, BUILDING STANDPIPES AND OTHER EMERGENCY FACILITIES WITHIN THE CONSTRUCTION ZONE.
13. THE CONTRACTOR SHALL CONTACT THE DISTRICT OF ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 AND THE EXPRESSWAYS TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
14. SIGNS W20-I103(O)-48 AND "SHOULDER CLOSED AHEAD" SHALL BE TAKEN DOWN WHEN THE WORKERS ARE NOT PRESENT.
15. THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS ALONG NB & SB LSD, MOE DRIVE, FORT DEARBORN DRIVE, AND ALONG ALL OTHER SIDE STREETS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL). ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
16. THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS ALONG NB & SB I-55 AND ALONG THE RAMPS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS). ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (EXPRESSWAYS).
17. THE STAGING OF CONTRACT 62A93 IS SHOWN FOR INFORMATION ONLY. ANTICIPATED STAGES MAY CHANGE DURING CONSTRUCTION.

## CONSTRUCTION NARRATIVE

### MAINTENANCE OF TRAFFIC

#### - RAMP NW AND SB I-55

- SET UP MAINTENANCE OF TRAFFIC ALONG RAMP NW AND SB I-55 AS SHOWN IN THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS
- SB I-55: THE INSIDE SHOULDER WILL BE PERMITTED TO BE CLOSED FOR DAY OPERATIONS ONLY IN ACCORDANCE WITH IDOT DISTRICT 1 DETAIL TC-17.
- NB I-55: THE INSIDE SHOULDER WILL BE PERMITTED TO BE CLOSED FOR DAY OPERATIONS ONLY IN ACCORDANCE WITH IDOT DISTRICT 1 DETAIL TC-17.
- I-55 TURNAROUND: ACCESS LANDSCAPING AREA BY UTILIZING IDOT DISTRICT 1 DETAIL TC-18.

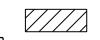

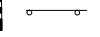





#### -MOE DRIVE, SB LAKESHORE DRIVE, AND FORT DEARBORN DRIVE

- ACCESS LANDSCAPING AREA BETWEEN MOE DRIVE AND SB LAKESHORE DRIVE BY UTILIZING IDOT DISTRICT 1 DETAIL TC-18 FROM MOE DRIVE
- ACCESS THE MEDIAN LANDSCAPING AREA BETWEEN SB LAKESHORE DRIVE AND NB LAKESHORE DRIVE BY UTILIZING IDOT DISTRICT 1 DETAIL TC-18 FROM SB LAKESHORE DRIVE
- ACCESS LANDSCAPING AREA BETWEEN NB LAKESHORE AND FORT DEARBORN DRIVE DRIVE BY UTILIZING IDOT DISTRICT 1 DETAIL TC-18 FROM FORT DEARBORN DRIVE

### CONSTRUCTION TO BE COMPLETED

- REMOVE, PRUNE, AND PROTECT EXISTING TREES AS SHOWN IN THE PLANS
- PERFORM ALL EARTHWORK AND GRADING AS SHOWN IN THE GRADING PLANS
- SET UP MAINTENANCE OF TRAFFIC ON RAMP NW & SB I-55 AND PERFORM ALL LANDSCAPING MEDIAN WORK BETWEEN NB & SB I-55
- REMOVE MAINTENANCE OF TRAFFIC ON RAMP NW & SB I-55 AND PERFORM ALL OTHER LANDSCAPING WORK AS SHOWN IN THE CONTRACT PLANS

## LEGEND

	WORK ZONE
	TEMPORARY CONCRETE BARRIER
	TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
	DIRECTION OF TRAFFIC FLOW
	SIGN
	ARROW BOARD
	TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
	DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL

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PLOT DATE = 12/13/2017	DATE - 10/20/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND  
TRAFFIC CONTROL - GENERAL NOTES, NARRATIVE AND LEGEND**

SCALE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	38
				CONTRACT NO. 62A93
ILLINOIS FED. AID PROJECT				

NOTE:  
FOR LEGEND SEE SHEET NO. 38

END  
WORK ZONE  
SPEED LIMIT  
G20-1103(0)-3660  
(S1)

MCCORMICK PLACE  
WEST BUILDING

MCCORMICK PLACE  
SOUTH BUILDING

TYPE II BARRICADE OR DRUMS WITH  
STEADY BURN MONODIRECTIONAL  
LIGHT @ 50' C-C (TYP)

LANDSCAPING WORK ZONE

EXISTING PAVEMENT  
MARKING EDGE

SB I-55 ENTRANCE FROM MLK DR

SB I-55

80+00

36'

85+00

90+00

NB I-55

NB I-55 EXIT TO MLK DR

NB I-55 SHOULDER CLOSURE PER  
DISTRICT STD TC-17 (AS  
APPROVED BY THE ENGINEER)

I-55  
TURNAROUND

500'

NB I-55

25TH ST

25TH ST

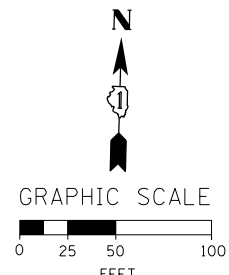
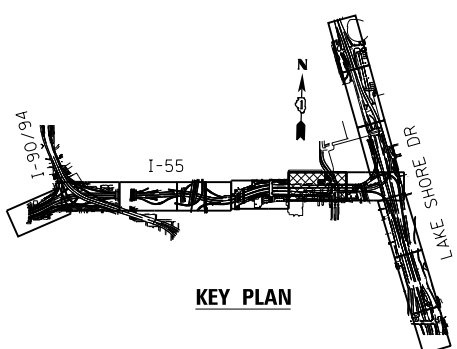
PRAIRIE AVE

I-55 TURNAROUND TRAFFIC CONTROL  
IN ACCORDANCE WITH IDOT DISTRICT  
1 STANDARD DETAIL TC-18

SB MARTIN L KING JR DR

NB MARTIN L KING JR DR

MATCH LINE PR SB I-55 STA 91+00  
SEE SHEET NO. 40



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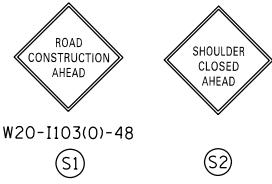
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

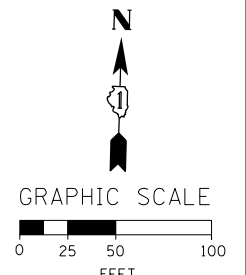
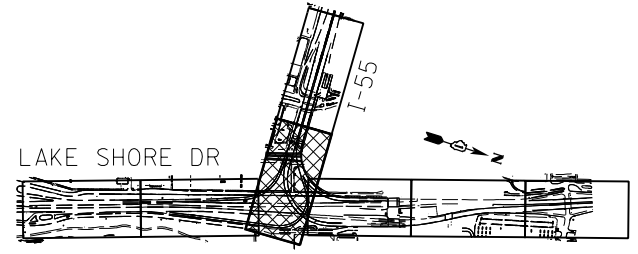
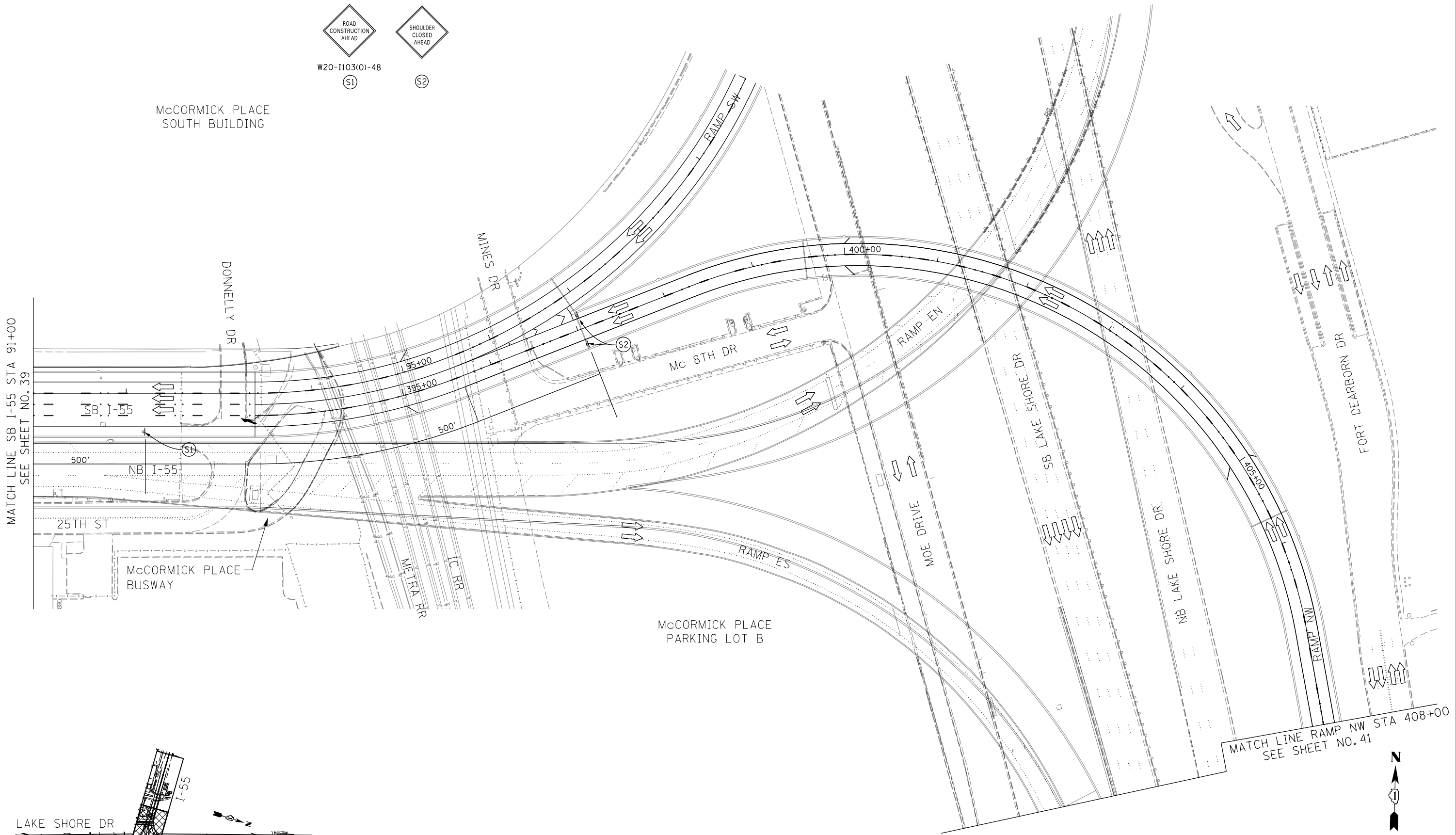
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
STAGE 1  
SCALE: 1" = 50' SHEET NO. 2 OF 4 SHEETS STA. 80+00 TO STA. 91+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	39
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				

NOTE:  
FOR LEGEND SEE SHEET NO. 38



McCORMICK PLACE SOUTH BUILDING



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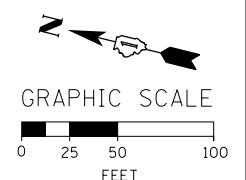
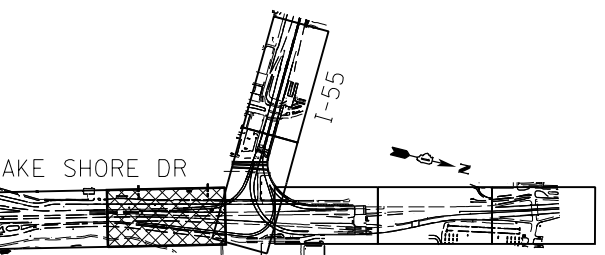
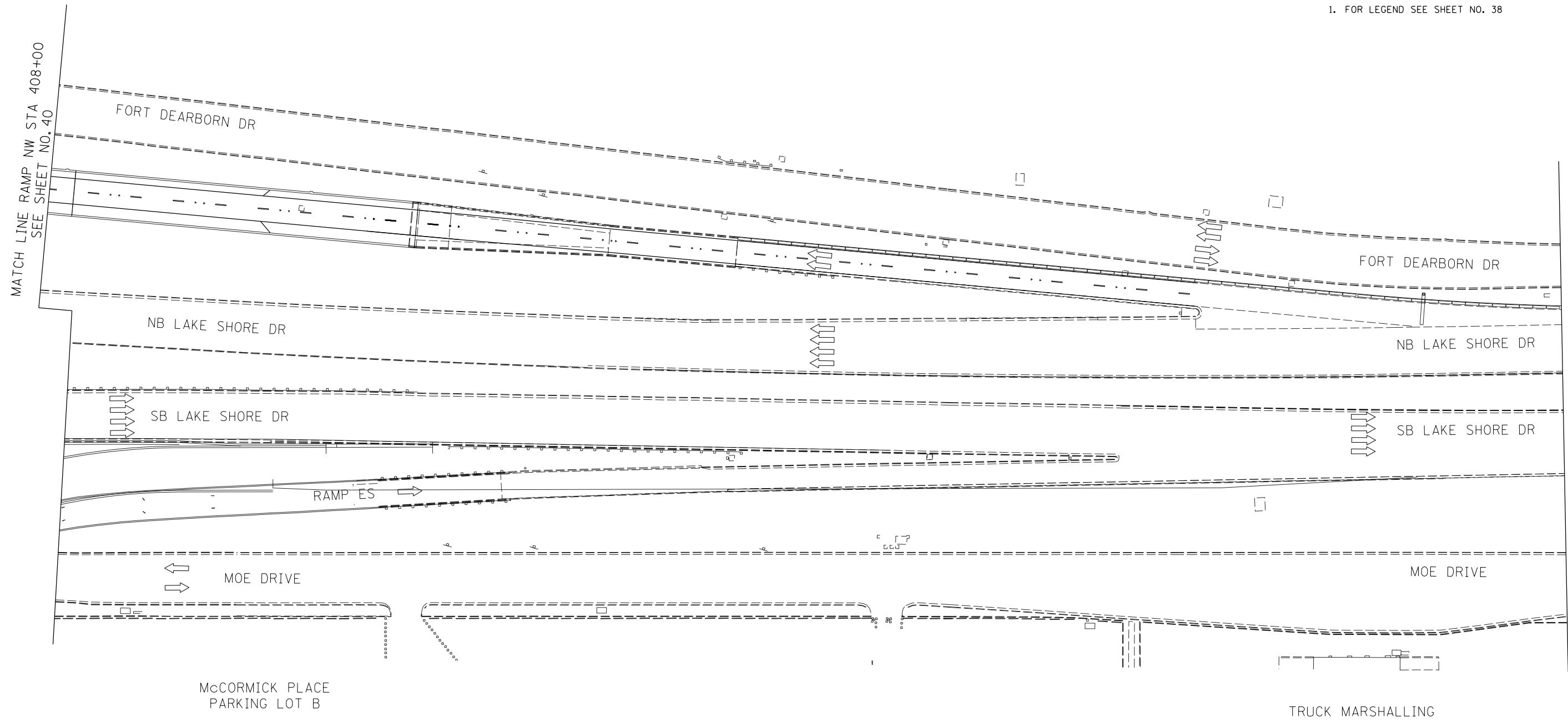
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PLOT DATE = 12/13/2017	DATE - 10/20/2017	REVISED -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
STAGE 1  
SCALE: 1" = 50' SHEET NO. 3 OF 4 SHEETS STA. 91+00 TO STA. 408+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	40
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				

NOTE:  
1. FOR LEGEND SEE SHEET NO. 38



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


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

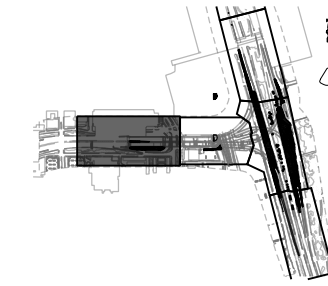
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
STAGE 1**

SCALE: 1" = 50'    SHEET NO. 4 OF 4 SHEETS    STA. 408+00 TO STA. 1095+00

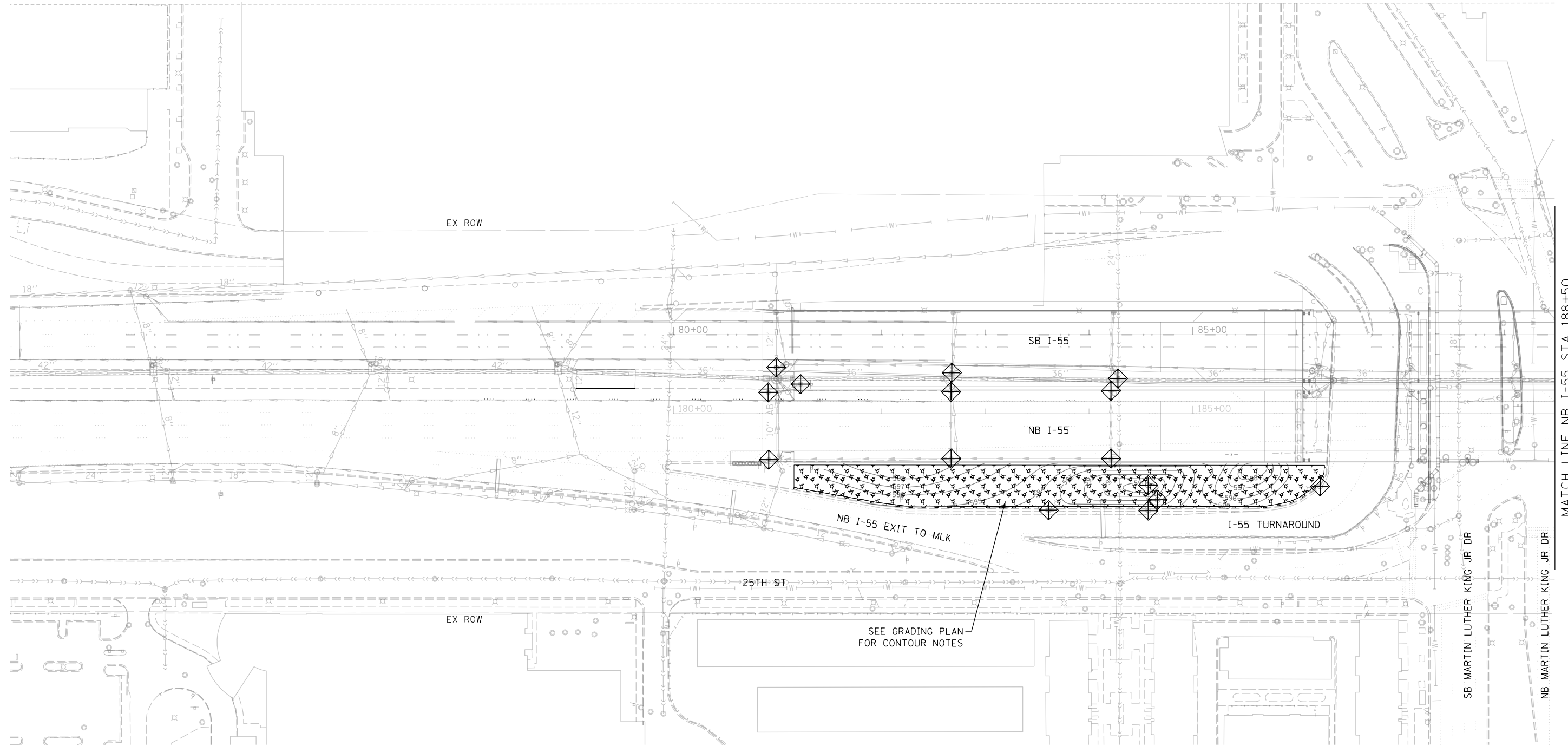
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55	2015-036LS	COOK	84	41
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				

**TEMPORARY EROSION CONTROL LEGEND**

-  MULCH METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING
-  PERIMETER EROSION BARRIER
-  INLET FILTERS



KEY PLAN



MATCH LINE NB I-55 STA 188+50



FILE NAME = D:\2015\2015-Sht-Temp-ErosionControl\01.dgn



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


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

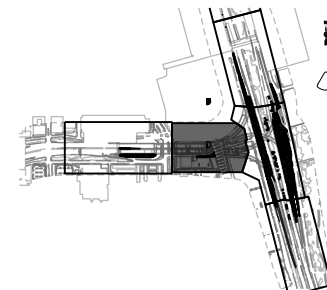
<b>TEMPORARY EROSION CONTROL PLAN</b>		
<b>NB I-55</b>		
SCALE: 1" = 50'	SHEET NO. 1 OF 5 SHEETS	STA. 180+86.00 TO STA. 188+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	42
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				

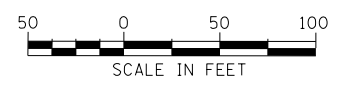
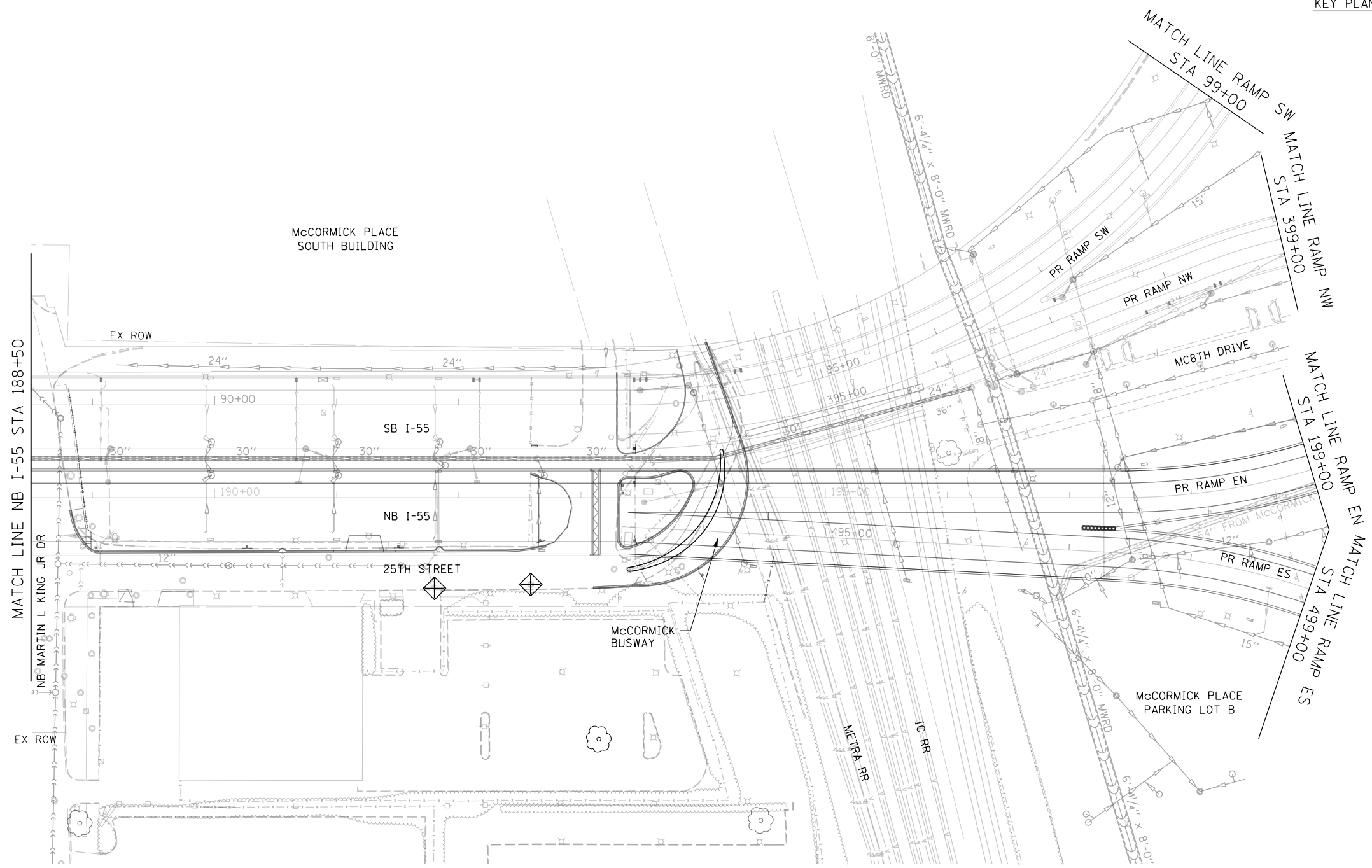


**TEMPORARY EROSION CONTROL LEGEND**

-  MULCH METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING
-  PERIMETER EROSION BARRIER
-  INLET FILTERS



KEY PLAN



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



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PLOT DATE = 12/13/2017	DATE - 10/20/2017	REVISED -

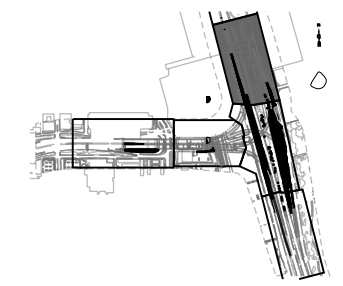
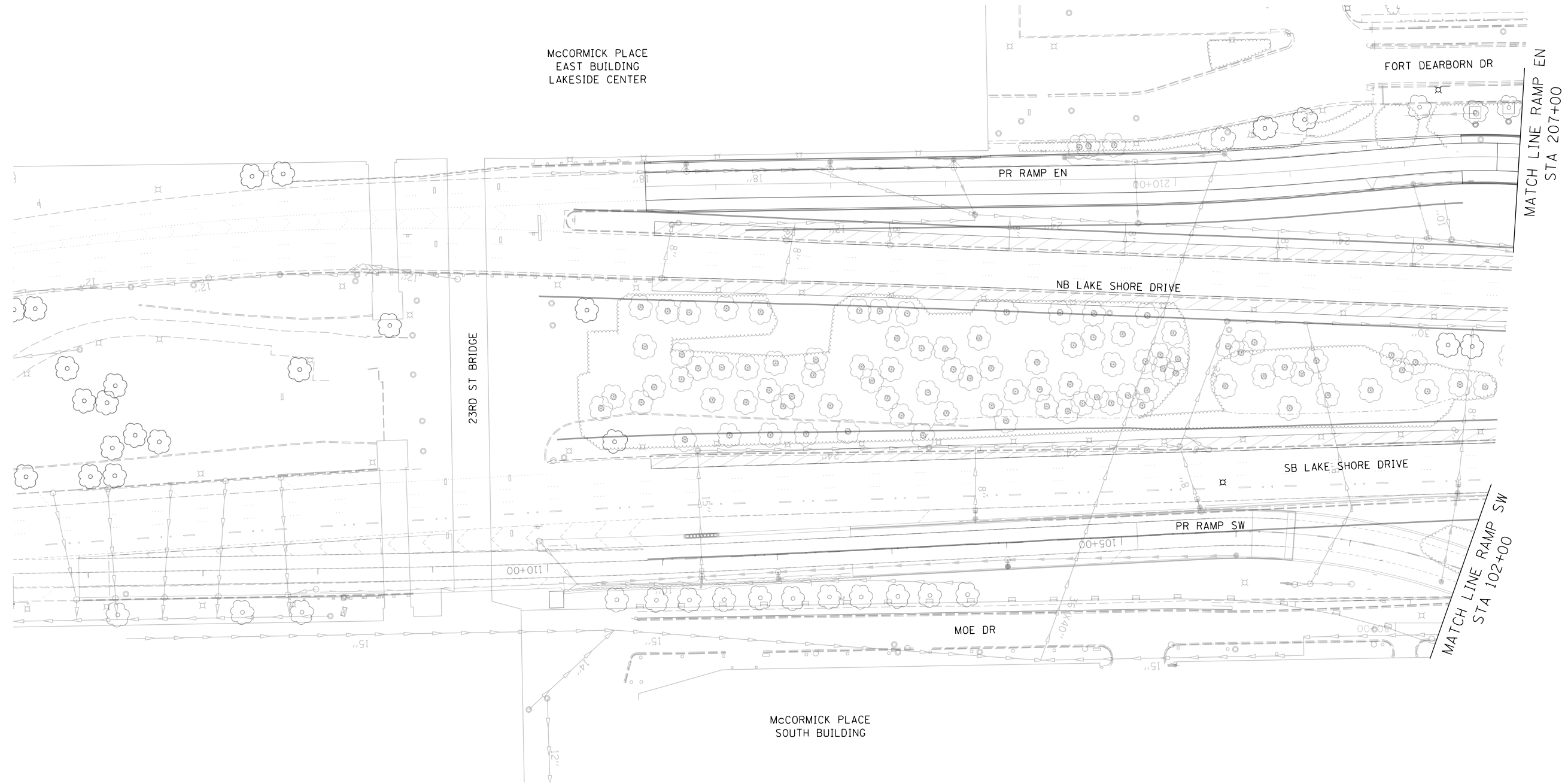
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TEMPORARY EROSION CONTROL PLAN</b>			
<b>NB I-55</b>			
SCALE: 1" = 50'	SHEET NO. 2 OF 5 SHEETS	STA. 188+50.00	TO STA. 199+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	43
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				

**TEMPORARY EROSION CONTROL LEGEND**

-  MULCH METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING
-  PERIMETER EROSION BARRIER
-  INLET FILTERS



KEY PLAN



FILE NAME = D:\62A93-Sht-Temp-ErosionControl\02.dgn







USER NAME = HENAOC	DESIGNED - KP	REVISED -
DRAWN - CRH	REVISIONS -	
PLOT SCALE = 100.0001' / in.	CHECKED - MJE	REVISIONS -
PLOT DATE = 12/13/2017	DATE - 10/20/2017	REVISIONS -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TEMPORARY EROSION CONTROL PLAN RAMP EN</b>			
SCALE: 1" = 50'	SHEET NO. 3 OF 5 SHEETS	STA. 207+00	TO STA. 214+60.73

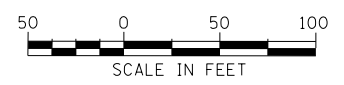
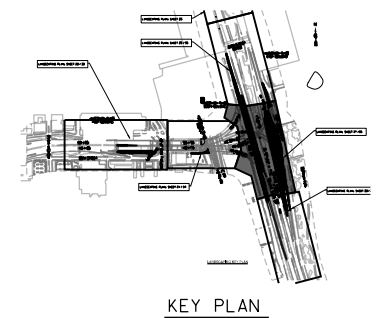
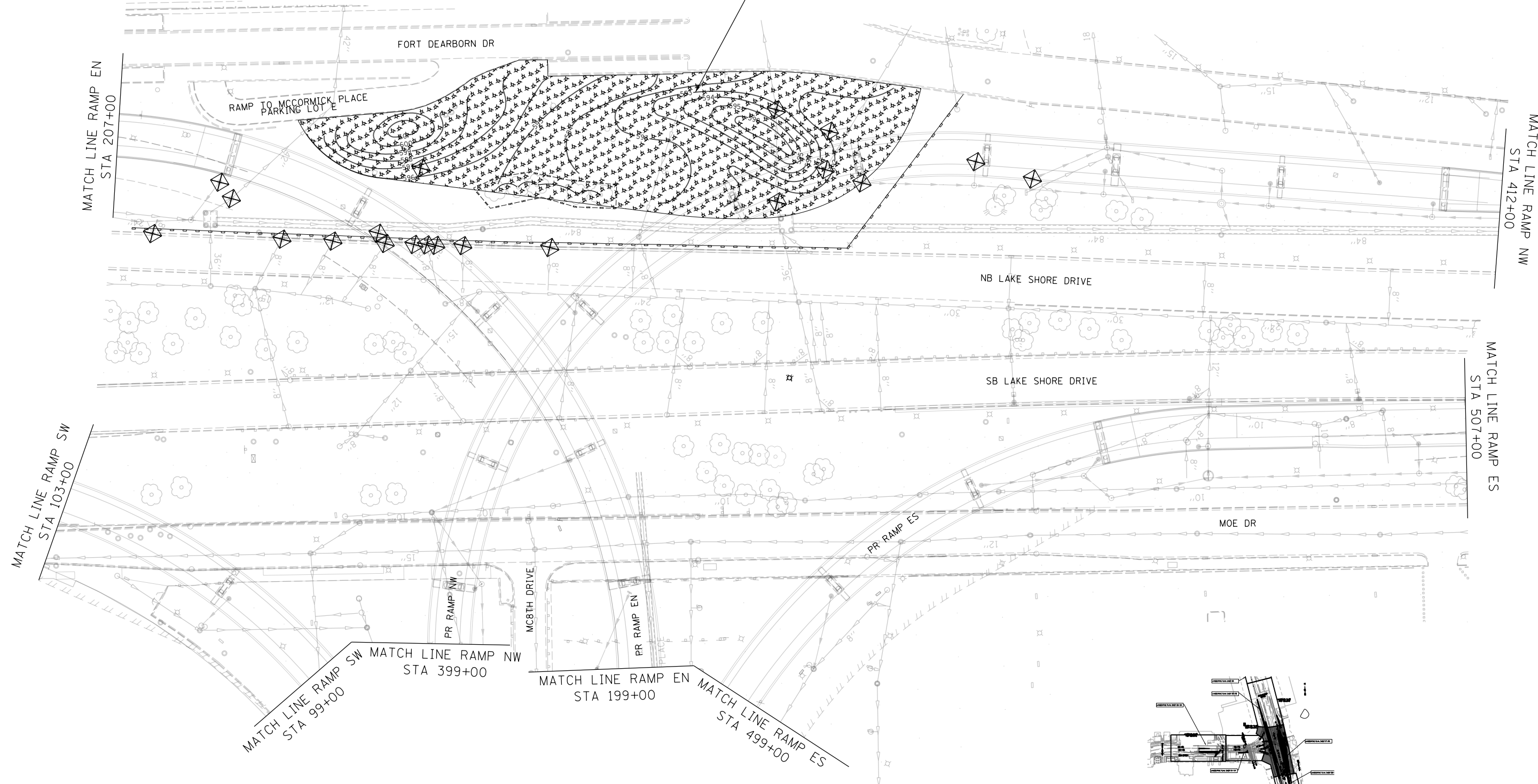
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	44
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				

**TEMPORARY EROSION CONTROL LEGEND**

-  MULCH METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING
-  PERIMETER EROSION BARRIER
-  INLET FILTERS



SEE GRADING PLAN FOR CONTOUR NOTES



FILE NAME = D:\62A93-Sht-Temp-ErosionControl\0184.dgn







USER NAME = HENAO	DESIGNED - KP	REVISED -
	DRAWN - CRH	REVISED -
PLOT SCALE = 100.0001' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 12/13/2017	DATE - 10/20/2017	REVISED -

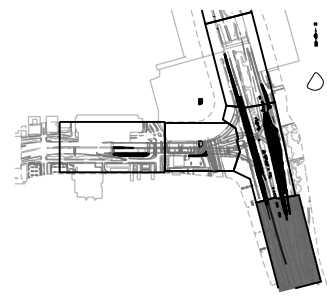
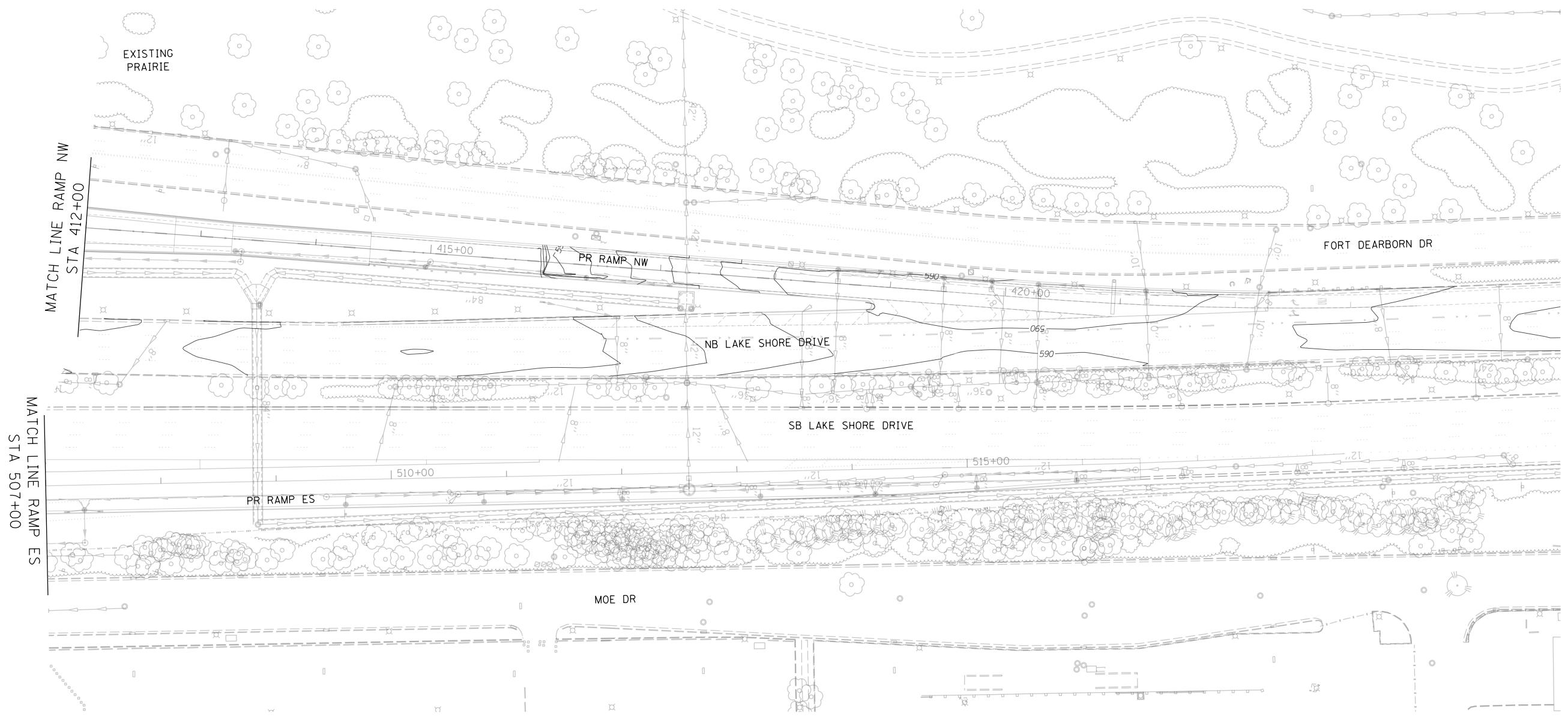
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TEMPORARY EROSION CONTROL PLAN</b>			
<b>RAMP EN AND RAMP ES</b>			
SCALE: 1" = 50'	SHEET NO. 4 OF 5 SHEETS	STA. 199+00	TO STA. 207+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	45
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				

**TEMPORARY EROSION CONTROL LEGEND**

-  MULCH METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING
-  PERIMETER EROSION BARRIER
-  INLET FILTERS



KEY PLAN



FILE NAME = D:\62A93-Sht-Temp\_ErosionControl\085.dgn

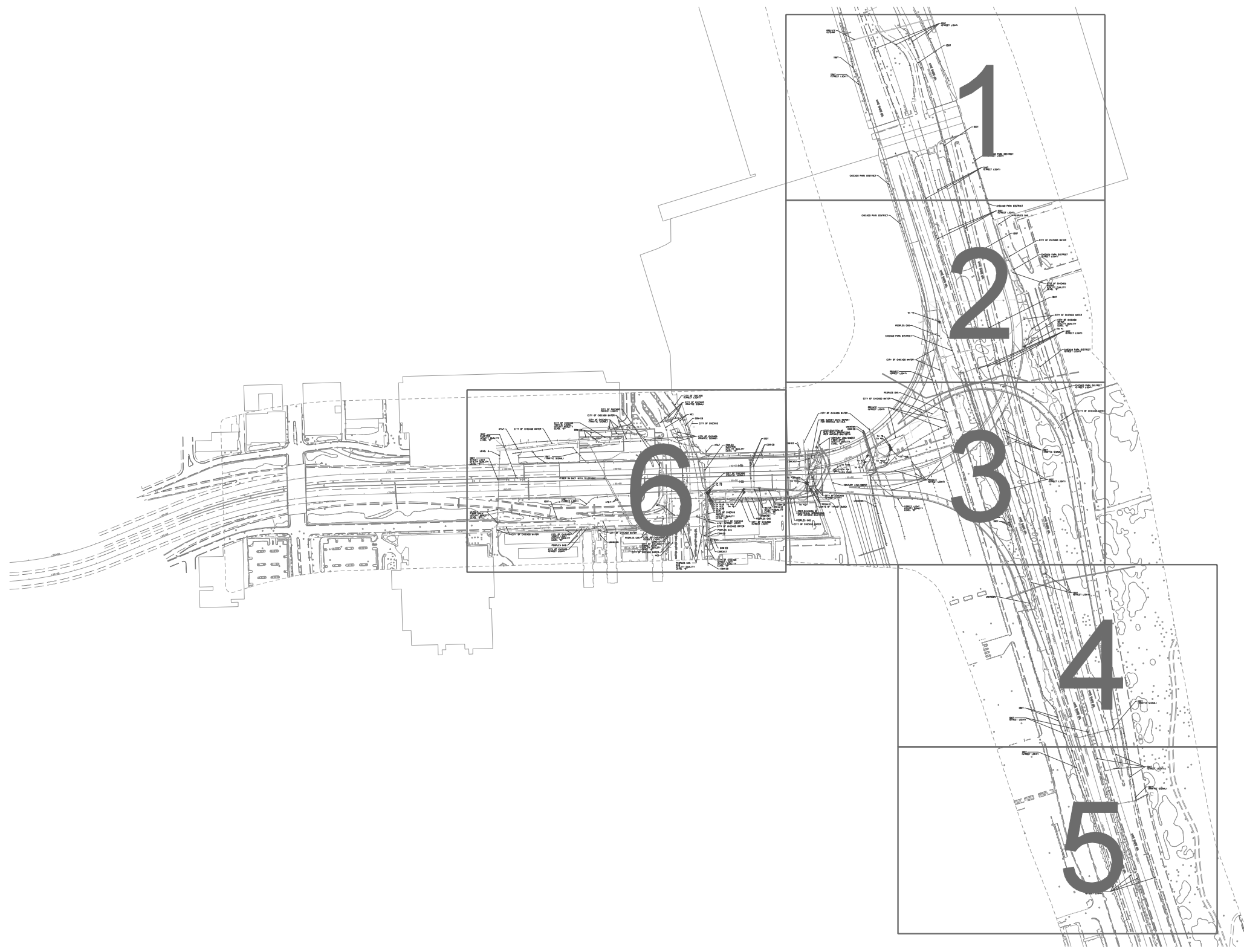


USER NAME = HENAOC	DESIGNED - KP	REVISED -
	DRAWN - CRH	REVISED -
PLOT SCALE = 100.0001' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 12/13/2017	DATE - 10/20/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TEMPORARY EROSION CONTROL PLAN</b>			
<b>RAMP ES</b>			
SCALE: 1" = 50'	SHEET NO. 5 OF 5 SHEETS	STA. 507+00	TO STA. 516+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	46
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				



- A — A — A — AERIAL
- U — U — U — UNKNOWN
- CTV — CTV — CTV — CABLE TV
- T — T — T — TELEPHONE
- G — G — G — GAS
- E — E — E — ELECTRIC
- W — W — W — WATER
- FO — FO — FO — FIBER OPTIC

TBE TEST HOLE

UTILITY OWNERS	
AT&T = FIBER OPTIC	
AT&T = TELEPHONE	
CDOT = DIVISION OF ELECTRICAL OPERATIONS = ELECTRIC	
CENTURY LINK/OWEST = FIBER OPTIC	
CITY OF CHICAGO = STREET LIGHT	
CITY OF CHICAGO = TRAFFIC SIGNAL	
CITY OF CHICAGO = WATER	
CHICAGO PARK DISTRICT = ELECTRIC	
CHICAGO PARK DISTRICT = STREET LIGHT	
COM-ED = ELECTRIC	
IDOT = ELECTRIC	
IDOT = FIBER OPTIC	
IDOT = STREET LIGHT	
MCI = FIBER OPTIC	
PEOPLES GAS = GAS	
PRIVATE = STEAM	
PRIVATE = STREET LIGHT	

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. Cardno TBE's QL"B" SUE field investigation was performed 6/14/12 through 8/17/12. Cardno TBE's QL"A" Test Holes were performed 11/26/13 through 11/24/14. Changes to utilities after 11/24/14 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



TBE Job No. IL09510483, 549, 616  
SUE Plan Page: Cover

Utility Quality Level "A": Visually Verified Test Hole  
 Utility Quality Level "B": Designating/non Visually Verified Test Hole  
 Utility Quality Level "C": Research with Survey  
 Utility Quality Level "D": Records Research

DESIGNED <i>JP</i>	REVISED <i>12/16/12</i> ADDED TH'S # <i>1-7</i>
DRAWN <i>SRK</i>	REVISED <i>5/29/14</i> ADDED TH'S # <i>8-13</i>
CHECKED <i>KFS</i>	REVISED <i>8/11/14</i> UPDATED OWNERS
DATE <i>8/31/12</i>	REVISED <i>12/2/14</i> ADDED TH'S # <i>14-15</i>

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

I-55 from Dan Ryan Expressway to Lake Shore Drive  
Chicago, Illinois

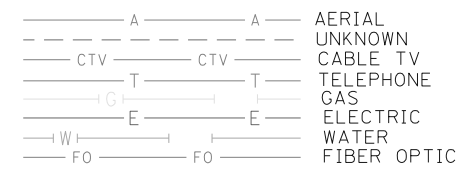
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	84	47
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.			Contract No. 62A93	



REV. 1: (3/20/15) ADDITIONAL QUALITY LEVEL "D" WATER



MATCH SHEET 2



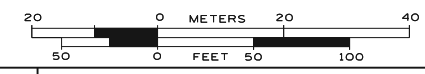
TBE TEST HOLE

UTILITY OWNERS	
AT&T	= FIBER OPTIC
AT&T	= TELEPHONE
CDOT - DIVISION OF ELECTRICAL OPERATIONS	= ELECTRIC
CENTURY LINK/WEST	= FIBER OPTIC
CITY OF CHICAGO	= STREET LIGHT
CITY OF CHICAGO	= TRAFFIC SIGNAL
CITY OF CHICAGO	= WATER
CHICAGO PARK DISTRICT	= ELECTRIC
CHICAGO PARK DISTRICT	= STREET LIGHT
COM-ED	= ELECTRIC
IDOT	= ELECTRIC
IDOT	= FIBER OPTIC
IDOT	= STREET LIGHT
MCI	= FIBER OPTIC
PEOPLES GAS	= GAS
PRIVATE	= STEAM
PRIVATE	= STREET LIGHT

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**REV. 1:**  
Additional Cardno TBE's QL "B" SUE field investigation was performed on 2/09/15 through 3/18/15. Additional QL Level "A" test holes were performed 3/11/15 through 3/13/15.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



TBE Job No. IL09510483, 549, 616, 637, 646  
SUE Plan Page: 1 of 6

Utility Quality Level "A": Visually Verified Test Hole  
Utility Quality Level "B": Designating/non Visually Verified Test Hole  
Utility Quality Level "C": Research with Survey  
Utility Quality Level "D": Records Research

DESIGNED	JP	REVISED	3/20/15 ADDED QLD WATER
DRAWN	SRK	REVISED	
CHECKED	KFS	REVISED	
DATE	8/31/12	REVISED	

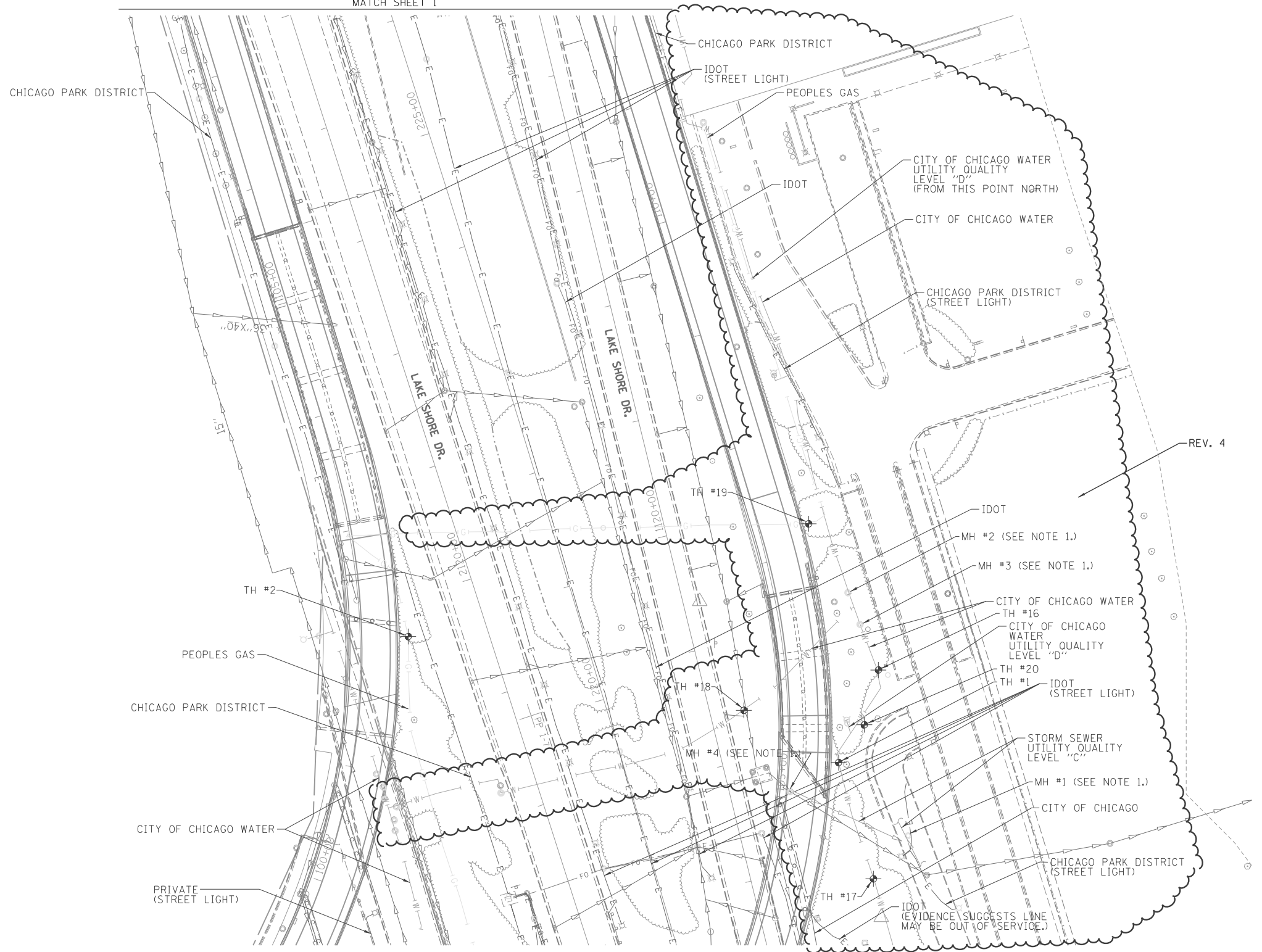
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

I-55 from Dan Ryan Expressway to Lake Shore Drive  
Chicago, Illinois

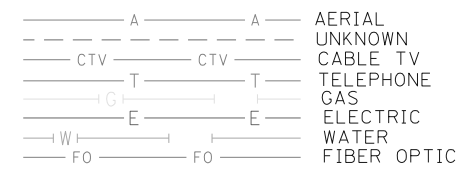
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2010-080-B	Cook	84	48
FED. ROAD DIST. No. - ILLINOIS			IDOT Project No.	



REV. 4: (3/20/15) ADDITIONAL LINEWORK, MANHOLES & TEST HOLES



NOTE:  
1. DEPTH TO TOP OF PIPE WAS MEASURED WITHIN INDICATED MANHOLES. SEE VERIFIED UTILITY MATRIX.



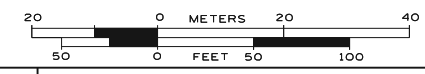
TBE TEST HOLE

UTILITY OWNERS	
AT&T = FIBER OPTIC	
AT&T = TELEPHONE	
CDOT - DIVISION OF ELECTRICAL OPERATIONS = ELECTRIC	
CENTURY LINK/WEST = FIBER OPTIC	
CITY OF CHICAGO = STREET LIGHT	
CITY OF CHICAGO = TRAFFIC SIGNAL	
CITY OF CHICAGO = WATER	
CHICAGO PARK DISTRICT = ELECTRIC	
CHICAGO PARK DISTRICT = STREET LIGHT	
COM-ED = ELECTRIC	
IDOT = ELECTRIC	
IDOT = FIBER OPTIC	
IDOT = STREET LIGHT	
MCI = FIBER OPTIC	
PEOPLES GAS = GAS	
PRIVATE = STEAM	
PRIVATE = STREET LIGHT	

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REV. 4:  
Additional Cardno TBE's QL "B" SUE field investigation was performed on 2/09/15 through 3/18/15. Additional QL Level "A" test holes were performed 3/11/15 through 3/13/15.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



TBE Job No. IL09510483, 549, 616, 637, 646  
SUE Plan Page: 2 of 6

Utility Quality Level "A": Visually Verified Test Hole  
Utility Quality Level "B": Designating/non Visually Verified Test Hole  
Utility Quality Level "C": Research with Survey  
Utility Quality Level "D": Records Research

DESIGNED	JP
DRAWN	SRK
CHECKED	KFS
DATE	8/31/12

REVISED	12/16/12	ADDED TH'S # 1-7
REVISED	2/13/15	REVISED WATER LINE
REVISED	3/20/15	ADDED TH'S # 16-20
		ADDITIONAL / REVISED LINEWORK

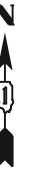
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

I-55 from Dan Ryan Expressway to Lake Shore Drive  
Chicago, Illinois

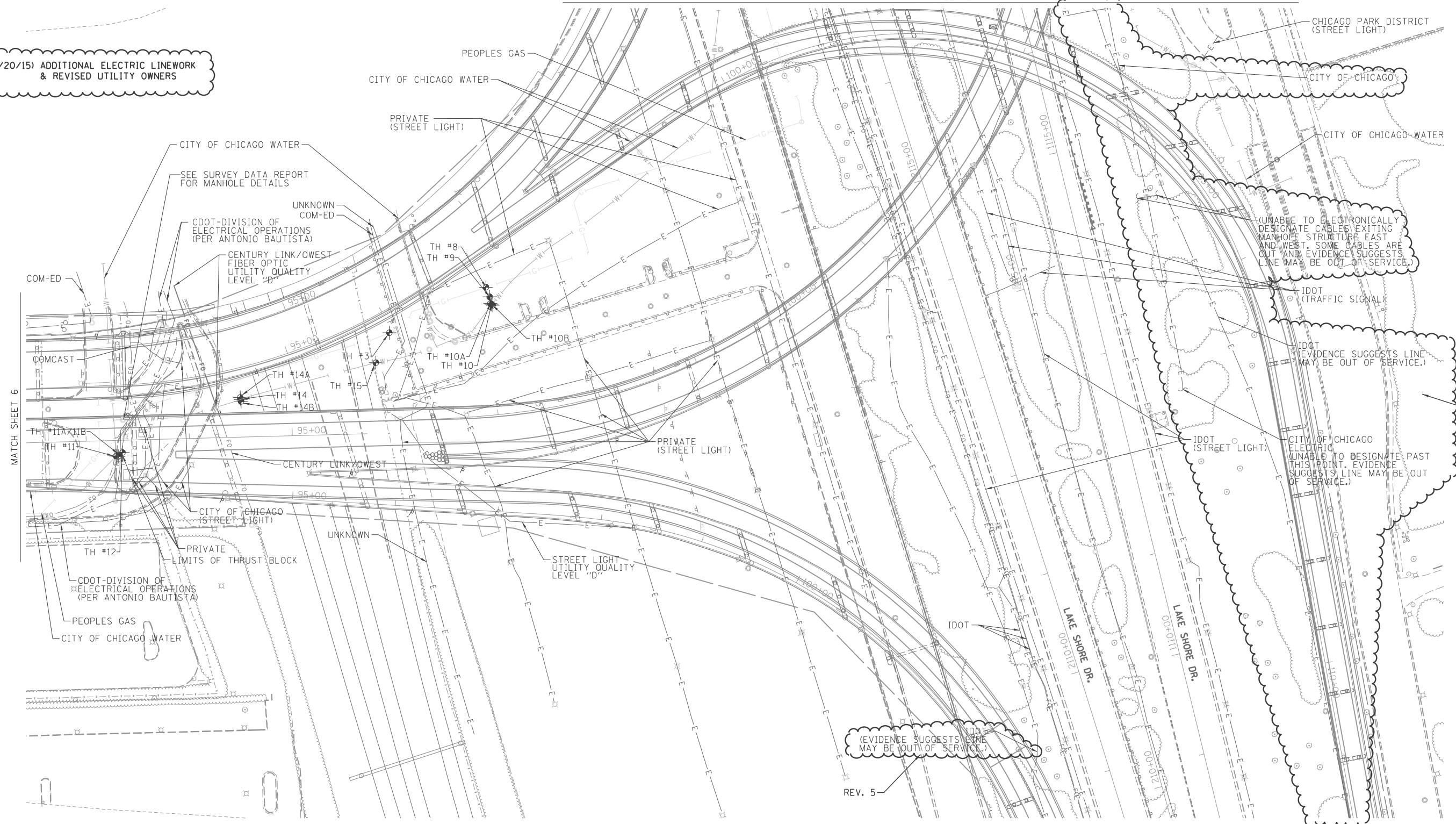
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2010-080-B	Cook	84	49
FED. ROAD DIST. No. - ILLINOIS			IDOT Project No.	

Contract No. 62A93





REV. 5: (3/20/15) ADDITIONAL ELECTRIC LINEWORK & REVISED UTILITY OWNERS



(UNABLE TO ELECTRONICALLY DESIGNATE CABLES EXITING MANHOLE STRUCTURE EAST AND WEST. SOME CABLES ARE OUT AND EVIDENCE SUGGESTS LINE MAY BE OUT OF SERVICE.)

IDOT (TRAFFIC SIGNAL)  
(EVIDENCE SUGGESTS LINE MAY BE OUT OF SERVICE.)

IDOT (STREET LIGHT)  
(UNABLE TO DESIGNATE PAST THIS POINT. EVIDENCE SUGGESTS LINE MAY BE OUT OF SERVICE.)

(EVIDENCE SUGGESTS LINE MAY BE OUT OF SERVICE.)

MATCH SHEET 6

MATCH SHEET 4

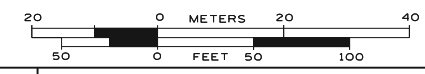
<p>Utility Quality Level "A": Visually Verified Test Hole</p> <p>Utility Quality Level "B": Designating/non Visually Verified Test Hole</p> <p>Utility Quality Level "C": Research with Survey</p> <p>Utility Quality Level "D": Records Research</p>	<p>Utility Owners</p> <p>AT&amp;T = FIBER OPTIC</p> <p>AT&amp;T = TELEPHONE</p> <p>CDOT - DIVISION OF ELECTRICAL OPERATIONS = ELECTRIC</p> <p>CENTURY LINK/WEST = FIBER OPTIC</p> <p>CITY OF CHICAGO = STREET LIGHT</p> <p>CITY OF CHICAGO = TRAFFIC SIGNAL</p> <p>CITY OF CHICAGO = WATER</p> <p>CHICAGO PARK DISTRICT = ELECTRIC</p> <p>CHICAGO PARK DISTRICT = STREET LIGHT</p> <p>COM-ED = ELECTRIC</p> <p>IDOT = ELECTRIC</p> <p>IDOT = FIBER OPTIC</p> <p>IDOT = STREET LIGHT</p> <p>MCI = FIBER OPTIC</p> <p>PEOPLES GAS = GAS</p> <p>PRIVATE = STEAM</p> <p>PRIVATE = STREET LIGHT</p>
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<p>DESIGNED <i>JP</i></p> <p>DRAWN <i>SRK</i></p> <p>CHECKED <i>KFS</i></p> <p>DATE <i>8/31/12</i></p>	<p>REVISOR</p> <p>REVISION</p> <p>DATE</p> <p>ADDED TH'S</p> <p>ADDED OWNERS</p> <p>ADDED TH'S</p> <p>ADDITIONAL LINEWORK</p>
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**REV. 5:** Additional Cardno TBE's QL "B" SUE field investigation was performed on 2/09/15 through 3/18/15. Additional QL Level "A" test holes were performed 3/11/15 through 3/13/15.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



TBE Job No. IL09510483, 549, 616, 637, 646  
SUE Plan Page: 3 of 6

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

I-55 from Dan Ryan Expressway to Lake Shore Drive  
Chicago, Illinois

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2010-080-B	Cook	84	50
FED. ROAD DIST. No. - ILLINOIS			IDOT Project No.	





REV. 1: (3/20/15) ADDITIONAL ELECTRIC LINWORK & REVISED UTILITY OWNERS

(EVIDENCE SUGGESTS LINE MAY BE OUT OF SERVICE.)

REV. 2

IDOT (STREET LIGHT)

(UNABLE TO ELECTRONICALLY DESIGNATE CABLES EXISTING MANHOLE STRUCTURE EAST AND WEST. SOME CABLES ARE CUT AND EVIDENCE SUGGESTS LINE MAY BE OUT OF SERVICE.)

IDOT (CABLES CUT IN MANHOLE)

REV. 1

CITY OF CHICAGO ELECTRIC UTILITY QUALITY LEVEL "D"

IDOT (TRAFFIC SIGNAL)

CITY OF CHICAGO ELECTRIC (CABLES CUT IN MANHOLE.)

IDOT

IDOT (STREET LIGHT)

	<p>TBE TEST HOLE</p> <p>Utility Quality Level "A": Visually Verified Test Hole                  Utility Quality Level "B": Designating/non Visually Verified Test Hole                  Utility Quality Level "C": Research with Survey                  Utility Quality Level "D": Records Research</p>
--	--

UTILITY OWNERS	
AT&T = FIBER OPTIC	
AT&T = TELEPHONE	
CDOT - DIVISION OF ELECTRICAL OPERATIONS = ELECTRIC	
CENTURY LINK/WEST = FIBER OPTIC	
CITY OF CHICAGO = STREET LIGHT	
CITY OF CHICAGO = TRAFFIC SIGNAL	
CITY OF CHICAGO = WATER	
CHICAGO PARK DISTRICT = ELECTRIC	
CHICAGO PARK DISTRICT = STREET LIGHT	
COM-ED = ELECTRIC	
IDOT = ELECTRIC	
IDOT = FIBER OPTIC	
IDOT = STREET LIGHT	
MCI = FIBER OPTIC	
PEOPLES GAS = GAS	
PRIVATE = STEAM	
PRIVATE = STREET LIGHT	

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 Additional Cardno TBE's QL "B" SUE field investigation was performed on 2/09/15 through 3/18/15. Additional QL Level "A" test holes were performed 3/11/15 through 3/13/15.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



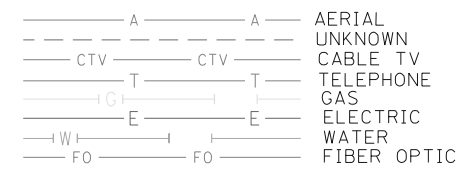
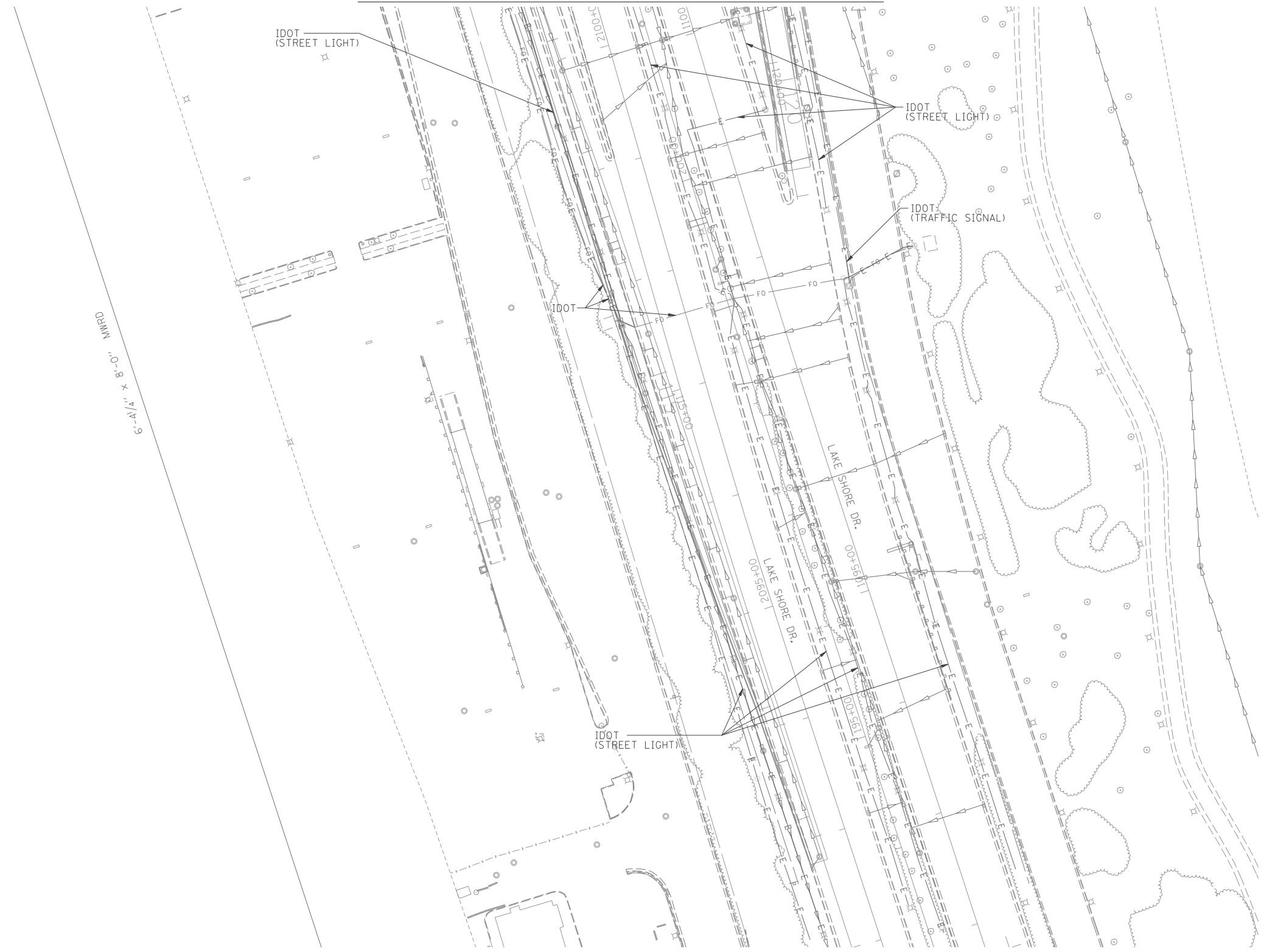
TBE Job No. IL09510483, 549, 616, 637, 646  
 SUE Plan Page: 4 of 6

DESIGNED <i>JP</i>	REVISED: 3/20/15 ADDITIONAL LINWORK
DRAWN <i>SRK</i>	REVISED
CHECKED <i>KFS</i>	REVISED
DATE <i>8/31/12</i>	REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

I-55 from Dan Ryan Expressway to Lake Shore Drive  
 Chicago, Illinois

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2010-080-B	Cook	84	51
FED. ROAD DIST. No. - ILLINOIS			IDOT Project No.	

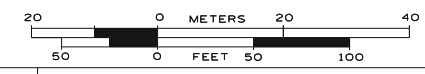


TBE TEST HOLE

UTILITY OWNERS		
AT&T = FIBER OPTIC		
AT&T = TELEPHONE		
CITY OF CHICAGO = STREET LIGHT		
CITY OF CHICAGO = TRAFFIC SIGNAL		
CITY OF CHICAGO = WATER		
CHICAGO PARK DISTRICT = ELECTRIC		
CHICAGO PARK DISTRICT = STREET LIGHT		
COM-ED = ELECTRIC		
IDOT = ELECTRIC		
IDOT = FIBER OPTIC		
IDOT = STREET LIGHT		
MCI = FIBER OPTIC		
PEOPLES GAS = GAS		
PRIVATE = STEAM		
PRIVATE = STREET LIGHT		

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ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



TBE Job No. IL09510483  
SUE Plan Page: 5 of 6

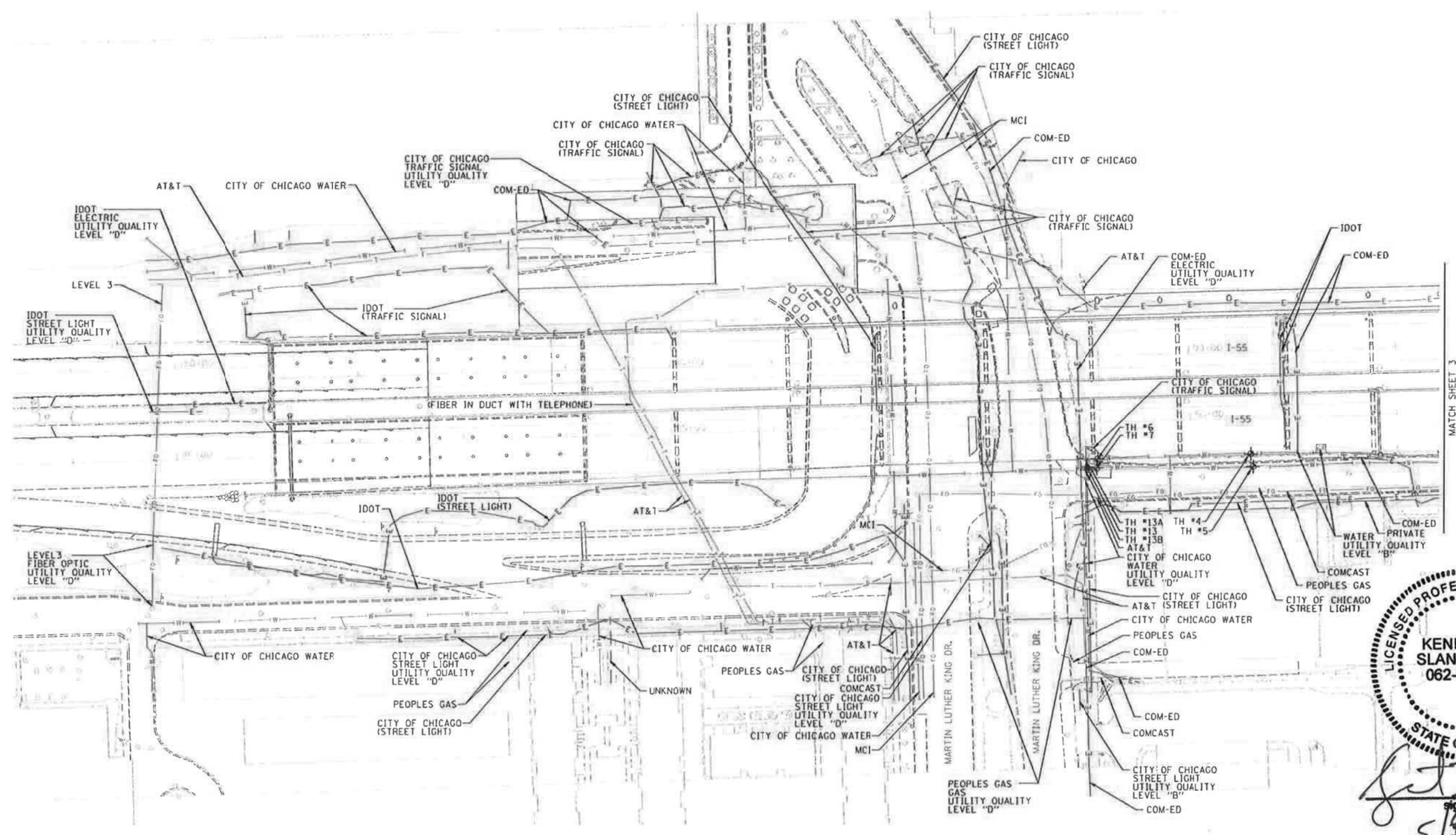
Utility Quality Level "A" : Visually Verified Test Hole  
Utility Quality Level "B" : Designating/non Visually Verified Test Hole  
Utility Quality Level "C" : Research with Survey  
Utility Quality Level "D" : Records Research

DESIGNED	JP	REVISED	
DRAWN	SRK	REVISED	
CHECKED	KFS	REVISED	
DATE	8/31/12	REVISED	

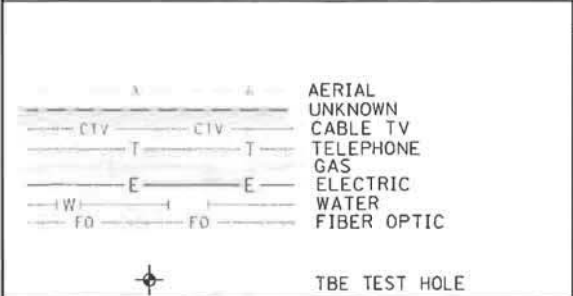
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

I-55 from Dan Ryan Expressway to Lake Shore Drive  
Chicago, Illinois

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	84	52
Contract No. 62A93				
FED. ROAD DIST. NO. - ILLINOIS IDOT Project No.				



**LICENSED PROFESSIONAL ENGINEER**  
**KENNETH F. SLANINKA, Jr.**  
 062-055488  
**STATE OF ILLINOIS**  
 signature  
 5/30/19  
 date



**UTILITY OWNERS**

AT&T = FIBER OPTIC  
 AT&T = TELEPHONE  
 CITY OF CHICAGO = STREET LIGHT  
 CITY OF CHICAGO = TRAFFIC SIGNAL  
 CITY OF CHICAGO = WATER  
 CHICAGO PARK DISTRICT = ELECTRIC  
 CHICAGO PARK DISTRICT = STREET LIGHT  
 COM-ED = ELECTRIC  
 IDOT = ELECTRIC  
 IDOT = FIBER OPTIC  
 IDOT = STREET LIGHT  
 MCI = FIBER OPTIC  
 PEOPLES GAS = GAS  
 PRIVATE = STEAM  
 PRIVATE = STREET LIGHT

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. Cardno TBE's OL"B" SUE field investigation was performed 6/14/12 through 8/17/12. Cardno TBE's OL"A" Test Holes were performed 1/26/13 through 5/23/14. Changes to utilities after 5/23/14 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B"  
 UNLESS NOTED OTHERWISE.

**Cardno TBE**  
 CIVIL ENGINEERING \* TRANSPORTATION \* ENVIRONMENTAL  
 \* PLANNING \* UTILITY ENGINEERING/LOCATING

license expires 11-30-  
**Cardno TBE**  
 CIVIL ENGINEERING \* TRANSPORTATION \* ENVIRONMENTAL  
 \* PLANNING \* UTILITY ENGINEERING/LOCATING  
**Dynasty Group**  
 Engineers & Surveyors  
 TBE Job No. IL09510483, 549, 616  
 SUE Plan Pages: 6 of 6

Utility Quality Level "A": Visually Verified Test Hole  
 Utility Quality Level "B": Designating/non Visually Verified Test Hole  
 Utility Quality Level "C": Research with Survey  
 Utility Quality Level "D": Records Research

DESIGNED <i>JP</i>	REVISED 12/16/12
DRAWN <i>SRK</i>	ADDED TH'S # 1-7
CHECKED <i>KFS</i>	REVISED 5/23/14
DATE 8/31/12	ADDED TH'S # 8-13

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**I-55 from Dan Ryan Expressway to Lake Shore Drive**  
**Chicago, Illinois**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	84	53
Contract No. 62A93				
FED. ROAD DIST. NO. - [ILLINOIS] IOT Project No.				

**VERIFIED UTILITY INFORMATION**

TEST HOLE #	SIZE & TYPE	NORTHING	EASTING	EXISTING TOP ELEVATION	EXISTING CUT	REFERENCE ELEVATION	COMMENTS
1	SEE NOTE W	1888596.81	1180736.55	591.11'	7.04'	598.15'	QUALITY LEVEL "A"
2	8" G	1888703.16	1180373.27	597.01'	4.41'	601.42'	QUALITY LEVEL "A"
3	SEE NOTE G	1888127.97	1180062.93	578.53'	12.27'	590.80'	QUALITY LEVEL "A"
4	8" W	1887982.08	1179528.27	589.84'	5.26'	595.10'	QUALITY LEVEL "A"
5	36" W	1887969.87	1179530.63	590.91'	3.69'	594.60'	QUALITY LEVEL "A"
6	8" W	1887977.25	1179380.92	589.74'	6.14'	595.88'	QUALITY LEVEL "A"
7	36" W	1887968.25	1179379.95	591.37'	4.14'	595.51'	QUALITY LEVEL "A"
8	8" G	1888172.02	1180156.58	587.33'	3.54'	590.87'	QUALITY LEVEL "A"
9	SEE NOTE N/A	1888162.81	1180160.10	585.84'	5.00'	590.84'	QUALITY LEVEL "A"
10	36" W	1888155.55	1180162.03	586.73'	3.88'	590.61'	QUALITY LEVEL "A"
10A	36" W	1888156.42	1180160.81	N/A	N/A	590.65'	QUALITY LEVEL "A"
10B	36" W	1888154.60	1180163.16	N/A	N/A	590.60'	QUALITY LEVEL "A"
11	SEE NOTE W	1888008.50	1179798.17	594.09'	2.05'	596.14'	QUALITY LEVEL "A"
11A	SEE NOTE N/A	1888008.17	1179800.26	593.84'	2.82'	596.66'	QUALITY LEVEL "A"
11B	4"x36" UNK	1888008.17	1179800.26	595.28'	1.38'	596.66'	QUALITY LEVEL "A"
12	SEE NOTE N/A	1888011.89	1179804.28	591.69'	5.00'	596.69'	QUALITY LEVEL "A"
13	36" W	1887968.30	1179370.46	590.69'	4.78'	595.47'	QUALITY LEVEL "A"
13A	SEE NOTE N/A	1887969.79	1179370.59	N/A	N/A	595.49'	QUALITY LEVEL "A"
13B	SEE NOTE N/A	1887966.77	1179370.47	N/A	N/A	595.47'	QUALITY LEVEL "A"
14	48" W	1888063.32	1179918.79	585.68'	5.61'	591.29'	QUALITY LEVEL "A"
14A	48" W	1888065.24	1179918.30	N/A	N/A	591.28'	QUALITY LEVEL "A"
14B	48" W	1888061.38	1179919.22	N/A	N/A	591.29'	QUALITY LEVEL "A"
15	SEE NOTE W	1888098.93	1180049.91	584.37'	6.00'	590.37'	QUALITY LEVEL "B"
16	SEE NOTE W	1888674.95	1180770.13	591.31'	11.80'	602.39'	QUALITY LEVEL "B"
17	SEE NOTE W	1888498.61	1180765.94	588.34'	11.53'	599.87'	QUALITY LEVEL "B"
18	24" W	1888640.85	1180656.62	585.20'	5.88'	591.08'	QUALITY LEVEL "A"
19	12" G	1888798.35	1180711.30	596.63'	6.60'	603.23'	QUALITY LEVEL "A"
20	SEE NOTE N/A	1888628.65	1180758.23	590.65'	9.15'	599.80'	QUALITY LEVEL "A"

**NOTES**

TH #1 - Unable to visually verify the utility due to gravel/fill caving in the test hole. Tapped what we believe to be the utility with the air lance to verify size, shape and depth.  
 TH #2 - Found 8" Steel main wrapped in yellow FBE.  
 TH #3 - Unable to visually verify the utility due to sand and huge rocks caving in the test hole. Had to stop digging for safety reasons. Tapped what we believe to be the utility with the air lance to get manual depth. But unable to determine the size.  
 TH#8 - Found 8" Steel main wrapped in yellow FBE.  
 TH#9 - Excavated to a depth of 5' and did not find evidence of a water main thrust block. Did encounter a lot of large debris i.e. rocks, concrete, wood.  
 TH#10 - No evidence of bend or thrust block found. 36" water main was wrapped in black p.e. liner. Reference point was placed in line with top of pipe.  
 TH#10A - Reference point was placed in line with north edge of pipe.  
 TH#10B - Reference point was placed in line with South edge of pipe.  
 TH#11 - Found concrete thrust block almost covering what appeared to be the top crown of pipe. Water main was wrapped in black p.e. liner.  
 TH#11A - Top of concrete thrust block. Same reference point was used for 11B.  
 TH#11B - Found a 4"x36" concrete duct/ cap. Could visually see 2 conduits directly underneath this duct/cap which is believed to be the fiber optic. Reference point was placed in line with the western edge of duct/cap. Reference point same as 11A.  
 TH#12 - Excavated to a depth of 5' and did find thrust block to be in conflict. Edge of thrust was found to be 2' west of this location.  
 TH#13 - Reference point placed in line with top of pipe.  
 TH#13A - Reference point was placed in line with North edge of pipe.  
 TH#13B - Reference point was placed in line with South edge of pipe.  
 TH#14A - Reference point was placed in line with North edge of pipe.  
 TH#14B - Reference point was placed in line with South edge of pipe.  
 TH#15 - Found large wooden rail road ties, unsure if protection for water main. We were able to probe between 2 of the ties and tapped what is believed to be the water main. Size of pipe could not be determined.  
 TH#16 - Unable to visually see the utility due to large rocks within the excavated hole. However, by utilizing the air lance we were able to tap and feel what is believed to be the top of pipe.  
 TH#17 -Unable to visually see the utility due to loose pea gravel continually collapsing within the excavated hole. However, by utilizing the air lance we were able to tap and feel what is believed to be the top of pipe.  
 TH#20 - Found the edge of the retaining wall footing to the parking garage wall. Reference point was placed directly in line with the edge of footing.

**ABBREVIATIONS**

G - GAS  
 W - WATER  
 UNK - UNKNOWN

ALL INFORMATION SHOWN WAS OBTAINED FROM A LOCATION SURVEY.



CIVIL ENGINEERING \* TRANSPORTATION \* ENVIRONMENTAL  
 \* PLANNING \* UTILITY ENGINEERING/LOCATING

Checked By: \_\_\_\_\_

Date: \_\_\_\_\_

TBE Job No. IL09510549, 616, 637, 646

DESIGNED ER	REVISED: 5/29/14 ADDED TH'S 8-13	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-55 from Dan Ryan Expressway to Lake Shore Drive</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN SRK	REVISED: 11/26/14 ADDED TH'S 14-15		<b>Chicago, Illinois</b>			2010-080-B	Cook	84	54
CHECKED KFS	REVISED: 3/20/15 ADDED TH'S 16-20		SHEET NO.		STA.	TO STA.	Contract 62A93		
DATE 12/16/13	REVISED		FED. ROAD DIST. NO.		ILLINOIS	Job No.: P-91-259-12			

### VERIFIED UTILITY INFORMATION

MAN HOLE #	SIZE & TYPE	NORTHING	EASTING	EXISTING TOP ELEVATION	EXISTING CUT	RIM ELEVATION	COMMENTS
1	42'' SS	1888534.96	1180795.20	582.15'	12.54'	594.69'	QUALITY LEVEL "A"
2	24'' W	1888739.92	1180744.41	590.36'	11.34'	601.70'	QUALITY LEVEL "A"
3	24'' W	1888713.19	1180754.62	590.55'	11.56'	602.11'	QUALITY LEVEL "A"
4	42'' SS	1888572.08	1180695.58	582.04'	8.32'	590.36'	QUALITY LEVEL "A"

NOTES

ABBREVIATIONS

SS - STORM SEWER  
W - WATER

ALL INFORMATION SHOWN WAS OBTAINED FROM A LOCATION SURVEY.



CIVIL ENGINEERING \* TRANSPORTATION \* ENVIRONMENTAL \* PLANNING \* UTILITY ENGINEERING/LOCATING

Checked By: \_\_\_\_\_  
Date: \_\_\_\_\_

TBE Job No. IL09510549, 616, 637, 646

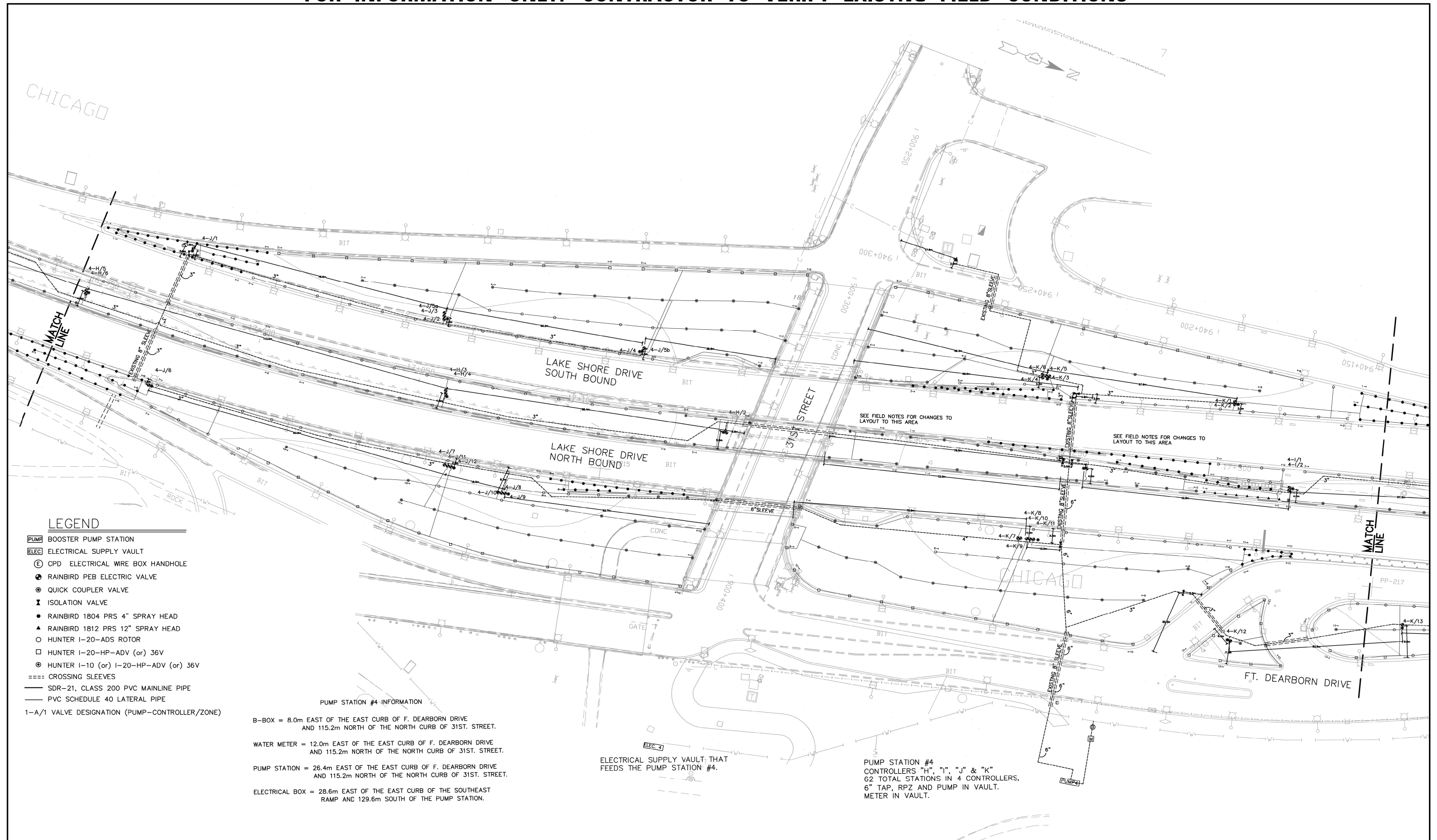
DESIGNED	ER	REVISED	
DRAWN	SRK	REVISED	
CHECKED	KFS	REVISED	
DATE	3/20/15	REVISED	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**I-55 from Dan Ryan Expressway to Lake Shore Drive  
Chicago, Illinois**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2010-080-B	Cook	<b>84</b>	<b>55</b>
SHEET NO.		STA.	TO STA.	Contract <b>62A93</b>
FED. ROAD DIST. NO.		ILLINOIS		Job No.: P-91-259-12

**"FOR INFORMATION ONLY. CONTRACTOR TO VERIFY EXISTING FIELD CONDITIONS"**



- LEGEND**
- PUMP BOOSTER PUMP STATION
  - ELEC ELECTRICAL SUPPLY VAULT
  - E CPD ELECTRICAL WIRE BOX HANDHOLE
  - RAINBIRD PEB ELECTRIC VALVE
  - QUICK COUPLER VALVE
  - I ISOLATION VALVE
  - RAINBIRD 1804 PRS 4" SPRAY HEAD
  - ▲ RAINBIRD 1812 PRS 12" SPRAY HEAD
  - HUNTER I-20-ADS ROTOR
  - HUNTER I-20-HP-ADV (or) 36V
  - HUNTER I-10 (or) I-20-HP-ADV (or) 36V
  - ==== CROSSING SLEEVES
  - SDR-21, CLASS 200 PVC MAINLINE PIPE
  - PVC SCHEDULE 40 LATERAL PIPE
  - 1-A/1 VALVE DESIGNATION (PUMP-CONTROLLER/ZONE)

**PUMP STATION #4 INFORMATION**

B-BOX = 8.0m EAST OF THE EAST CURB OF F. DEARBORN DRIVE AND 115.2m NORTH OF THE NORTH CURB OF 31ST. STREET.

WATER METER = 12.0m EAST OF THE EAST CURB OF F. DEARBORN DRIVE AND 115.2m NORTH OF THE NORTH CURB OF 31ST. STREET.

PUMP STATION = 26.4m EAST OF THE EAST CURB OF F. DEARBORN DRIVE AND 115.2m NORTH OF THE NORTH CURB OF 31ST. STREET.

ELECTRICAL BOX = 28.6m EAST OF THE EAST CURB OF THE SOUTHEAST RAMP AND 129.6m SOUTH OF THE PUMP STATION.

ELECTRICAL SUPPLY VAULT THAT FEEDS THE PUMP STATION #4.

PUMP STATION #4 CONTROLLERS "H", "I", "J" & "K" 62 TOTAL STATIONS IN 4 CONTROLLERS, 6" TAP, RPZ AND PUMP IN VAULT. METER IN VAULT.

This drawing was produced with the best information available at the time of installation. Central Lawn Sprinklers, Inc. will not be held responsible for any alterations or revisions made to the system after the date of this drawing. Location of sprinkler heads, valves and piping are approximate.

DESIGNED	JC
DRAWN	MDJ
CHECKED	JC
DATE	09-30-04
REVISED	

**CENTRAL**  
Lawn Sprinklers Inc.

239 King Street • Elk Grove Village, IL 60007 • Phone: (847) 364-6900 • Fax: (847) 364-9774

SOUTH LAKE SHORE DRIVE  
Burnham Park Gateway (B-1-431)  
Burnham Park Median Landscaping (B-1-499)  
IRRIGATION AS-BUILT DRAWING

PROJ. NO. CLS45203  
SCALE 1" = 500'  
SHEET 11 OF 14

FILE NAME = 101-62A93\_A3-Built.dgn



USER NAME = HENAOC  
PLOT SCALE = 0:2.0000 '1' / in.  
PLOT DATE = 10/13/2017

DESIGNED	- KP	REVISED	-
DRAWN	- CRH	REVISED	-
CHECKED	- MJE	REVISED	-
DATE	- 10/20/2017	REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

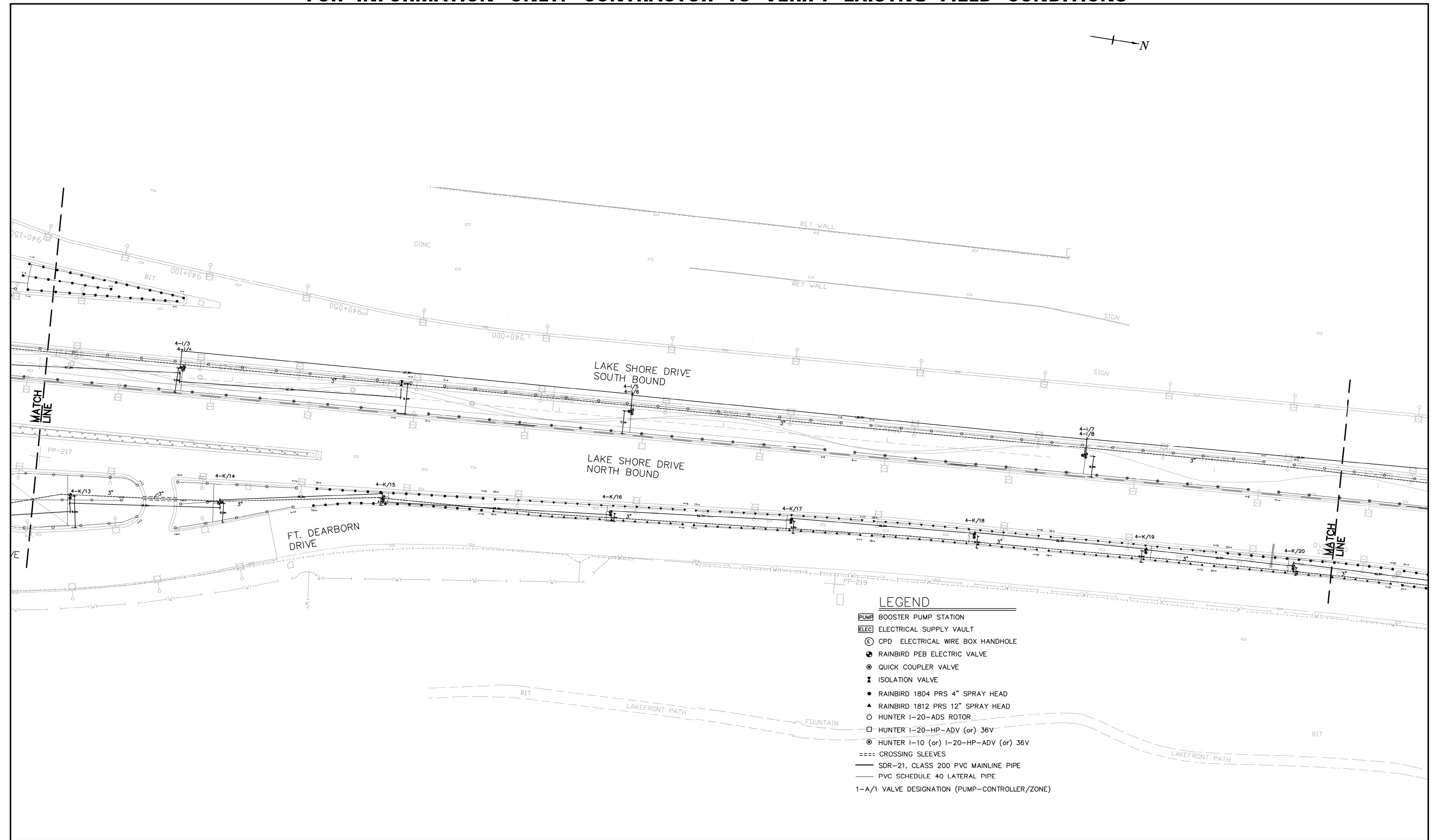
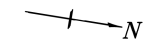
**AS-BUILTS**

SCALE SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	56
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				



**"FOR INFORMATION ONLY. CONTRACTOR TO VERIFY EXISTING FIELD CONDITIONS"**



- LEGEND**
- BOOSTER PUMP STATION
  - ELECTRICAL SUPPLY VAULT
  - CPD ELECTRICAL WIRE BOX HANDHOLE
  - RAINBIRD PEB ELECTRIC VALVE
  - QUICK COUPLER VALVE
  - ISOLATION VALVE
  - RAINBIRD 1804 PRS 4" SPRAY HEAD
  - RAINBIRD 1812 PRS 12" SPRAY HEAD
  - HUNTER 1-20-ADS ROTOR
  - HUNTER 1-20-HP-ADV (or) 36V
  - HUNTER 1-10 (or) 1-20-HP-ADV (or) 36V
  - CROSSING SLEEVES
  - SDR-21, CLASS 200 PVC MAINLINE PIPE
  - PVC SCHEDULE 40 LATERAL PIPE
- 1-A/1 VALVE DESIGNATION (PUMP-CONTROLLER/ZONE)

This drawing was produced with the best information available at the time of installation. Central Lawn Sprinklers, Inc. will not be held responsible for any alterations or revisions made to the system after the date of this drawing. Location of sprinkler heads, valves and piping are approximate.

DESIGNED	JC
DRAWN	MDJ
CHECKED	JC
DATE	09-30-04
REVISED	

**CENTRAL**  
Lawn Sprinklers Inc.

239 King Street • Elk Grove Village, IL 60007 • Phone: (847) 364-6900 • Fax: (847) 364-9774

SOUTH LAKE SHORE DRIVE  
Burnham Park Gateway (B-1-431)  
Burnham Park Median Landscaping (B-1-499)  
IRRIGATION AS-BUILT DRAWING

PROJ. NO. CLS45203  
SCALE 1" = 500'  
SHEET 12 OF 14

FILE NAME = 102-62A93\_A-As-Built.dgn



USER NAME = HENAOC  
PLOT SCALE = 0:2.0000 '1' / in.  
PLOT DATE = 10/13/2017

DESIGNED	- KP	REVISED	-
DRAWN	- CRH	REVISED	-
CHECKED	- MJE	REVISED	-
DATE	- 10/20/2017	REVISED	-

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

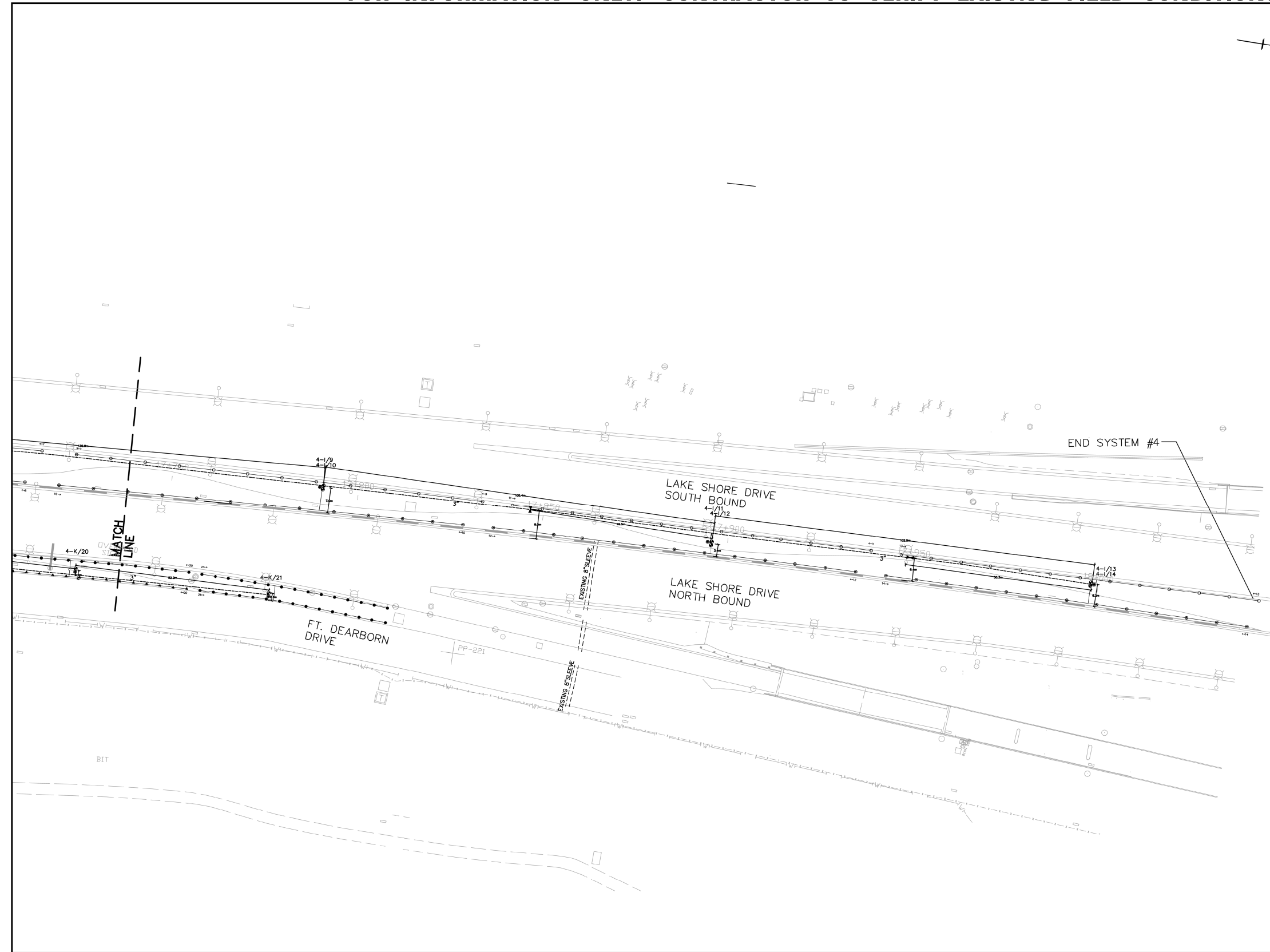
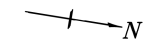
**AS-BUILTS**

SCALE SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	57
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				



**"FOR INFORMATION ONLY. CONTRACTOR TO VERIFY EXISTING FIELD CONDITIONS"**



- LEGEND**
- PUMP BOOSTER PUMP STATION
  - ELEC ELECTRICAL SUPPLY VAULT
  - E CPD ELECTRICAL WIRE BOX HANDHOLE
  - RAINBIRD PEB ELECTRIC VALVE
  - QUICK COUPLER VALVE
  - I ISOLATION VALVE
  - RAINBIRD 1804 PRS 4" SPRAY HEAD
  - ▲ RAINBIRD 1812 PRS 12" SPRAY HEAD
  - HUNTER I-20-ADS ROTOR
  - HUNTER I-20-HP-ADV (or) 36V
  - HUNTER I-10 (or) I-20-HP-ADV (or) 36V
  - ==== CROSSING SLEEVES
  - SDR-21, CLASS 200 PVC MAINLINE PIPE
  - PVC SCHEDULE 40 LATERAL PIPE
  - 1-A/1 VALVE DESIGNATION (PUMP-CONTROLLER/ZONE)

This drawing was produced with the best information available at the time of installation. Central Lawn Sprinklers, Inc. will not be held responsible for any alterations or revisions made to the system after the date of this drawing. Location of sprinkler heads, valves and piping are approximate.

DESIGNED	JC
DRAWN	MDJ
CHECKED	JC
DATE	09-30-04
REVISED	

**CENTRAL**  
*Lawn Sprinklers Inc.*

239 King Street • Elk Grove Village, IL 60007 • Phone: (847) 364-6900 • Fax: (847) 364-9774

SOUTH LAKE SHORE DRIVE  
Burnham Park Gateway (B-1-431)  
Burnham Park Median Landscaping (B-1-499)  
IRRIGATION AS-BUILT DRAWING

PROJ. NO. CLS45203  
SCALE 1 = 500  
SHEET 13 OF 14

FILE NAME = 103-62A93\_As-Built.dgn



USER NAME = HENAOC  
PLOT SCALE = 0:2.0000 '1' / in.  
PLOT DATE = 10/13/2017

DESIGNED	-	KP	REVISED	-
DRAWN	-	CRH	REVISED	-
CHECKED	-	MJE	REVISED	-
DATE	-	10/20/2017	REVISED	-

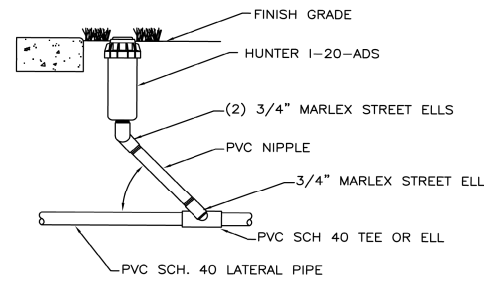
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**AS-BUILTS**

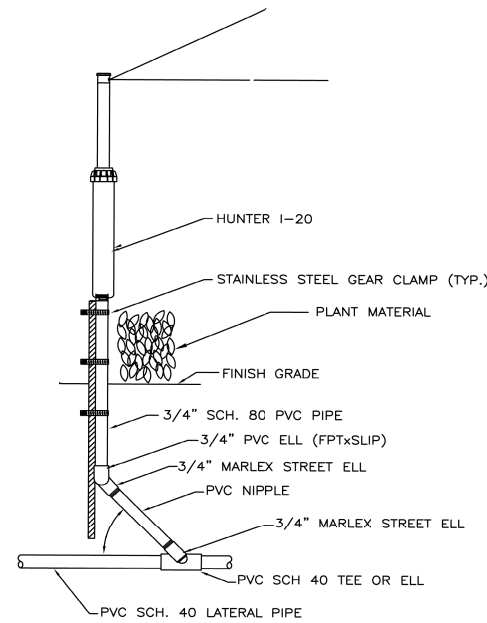
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	58
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				

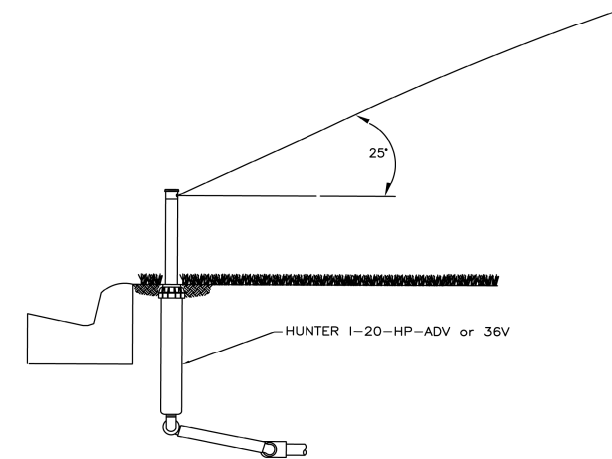
**"FOR INFORMATION ONLY. CONTRACTOR TO VERIFY EXISTING FIELD CONDITIONS"**



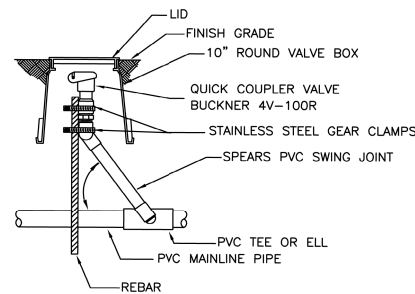
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NOT TO SCALE



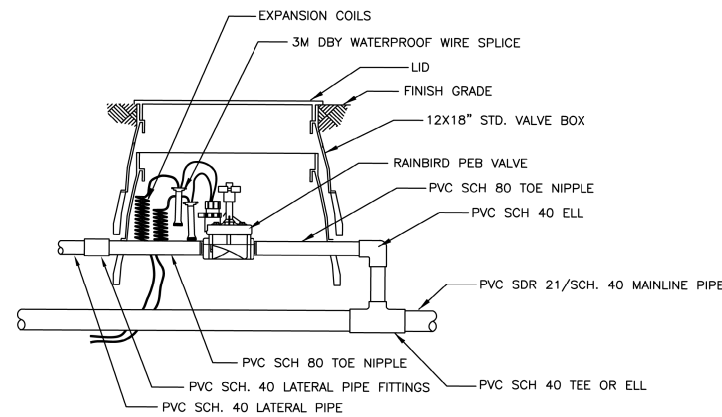
**ROTARY SPRINKLER ON RISER**  
NOT TO SCALE



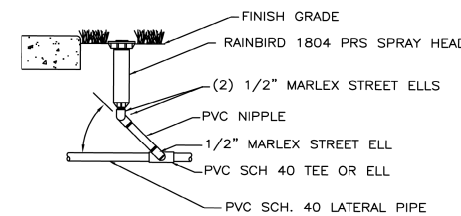
**12\"/> ROTOR**  
NOT TO SCALE



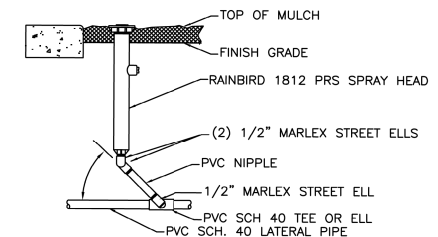
**QUICK COUPLER**  
NOT TO SCALE



**ELECTRIC VALVE**  
NOT TO SCALE



**4\"/> POP-UP SPRAY HEAD**  
NOT TO SCALE



**12\"/> POP-UP SPRAY HEAD**  
NOT TO SCALE

This drawing was produced with the best information available at the time of installation. Central Lawn Sprinklers, Inc. will not be held responsible for any alterations or revisions made to the system after the date of this drawing. Location of sprinkler heads, valves and piping are approximate.

DESIGNED	JC
DRAWN	MDJ
CHECKED	JC
DATE	09-30-04
REVISED	

**CENTRAL**  
*Lawn Sprinklers Inc.*

239 King Street • Elk Grove Village, IL 60007 • Phone: (847) 364-6900 • Fax: (847) 364-9774

SOUTH LAKE SHORE DRIVE  
Burnham Park Gateway (B-1-431)  
Burnham Park Median Landscaping (B-1-499)  
IRRIGATION AS-BUILT DRAWING

PROJ. NO.	CLS45203
SCALE	1" = 500'
SHEET	14 OF 14

FILE NAME = 104-62A93\_As-Built.dgn

**AECOM**  
303 EAST WACKER DRIVE, SUITE 1400  
CHICAGO, IL 60601-3276  
PHONE: (312) 373-1700 FAX: (312) 373-8800

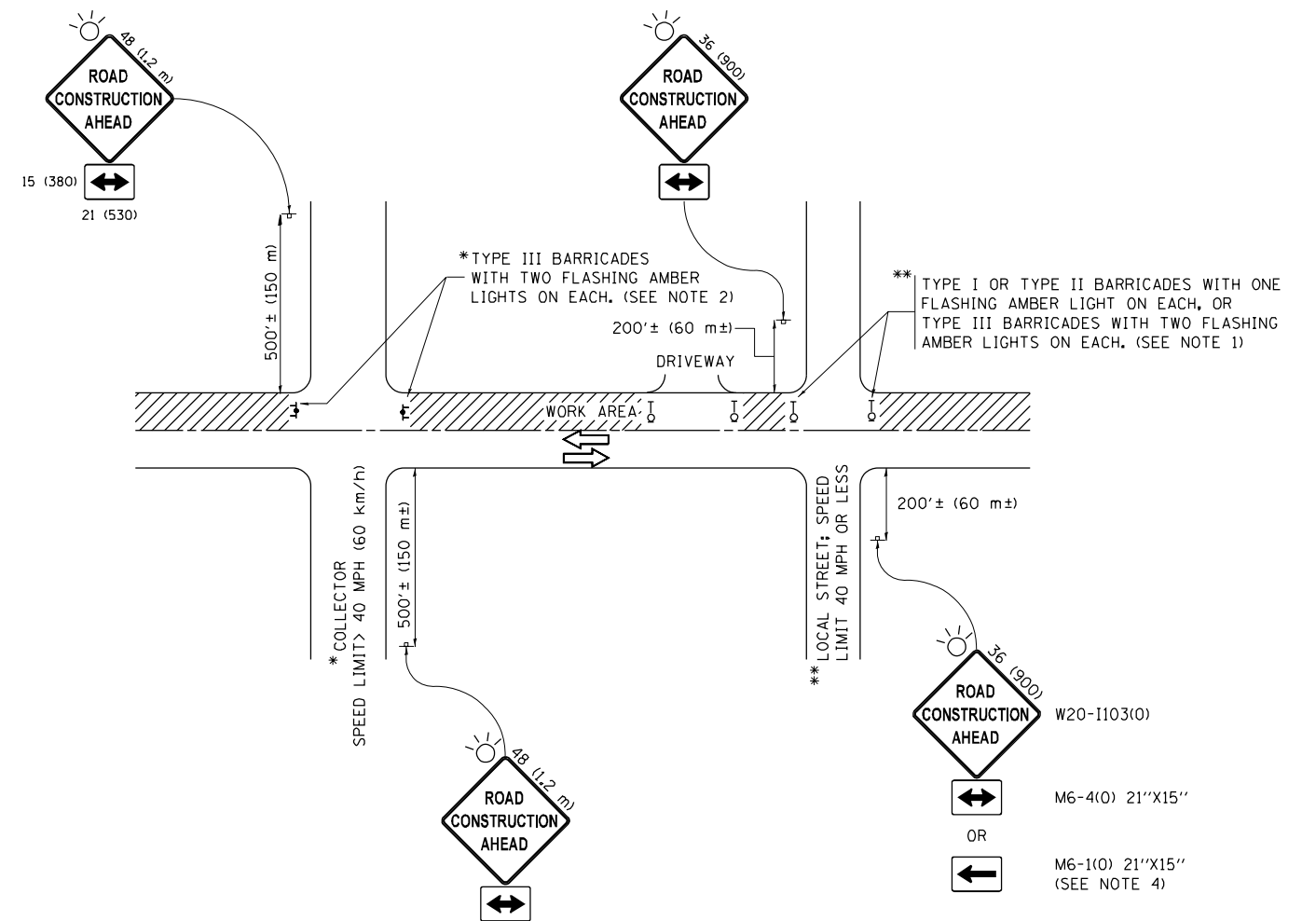
USER NAME	= HENAOC
PLOT SCALE	= 0:2.0000 '1' / in.
PLOT DATE	= 10/13/2017

DESIGNED	- KP	REVISED	-
DRAWN	- CRH	REVISED	-
CHECKED	- MJE	REVISED	-
DATE	- 10/20/2017	REVISED	-

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>AS-BUILTS</b>			
SCALE	SHEET NO. 4 OF 4 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2015-036LS	COOK	84	59
CONTRACT NO. 62A93				
ILLINOIS FED. AID PROJECT				



**NOTES:**

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

FILE NAME =	USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
p:\11\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\Dist 1\084EBIDINTEG\CADD\cadd\cadsheets\tc10.dgn	DRAWN	CHECKED -	REVISED - T. RAMMACHER 01-06-00
Default	PLOT SCALE = 50.000' / in.	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 9/15/2016		REVISED - A. SCHUETZE 09-15-16

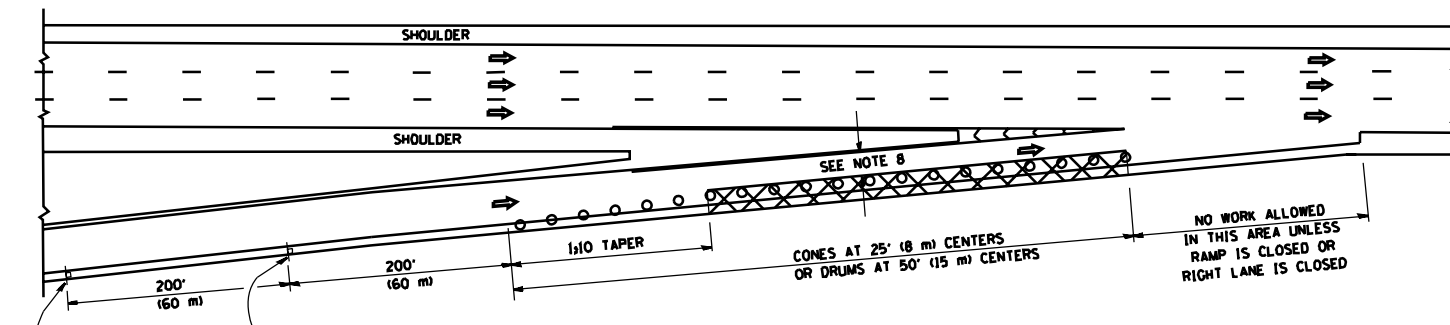
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

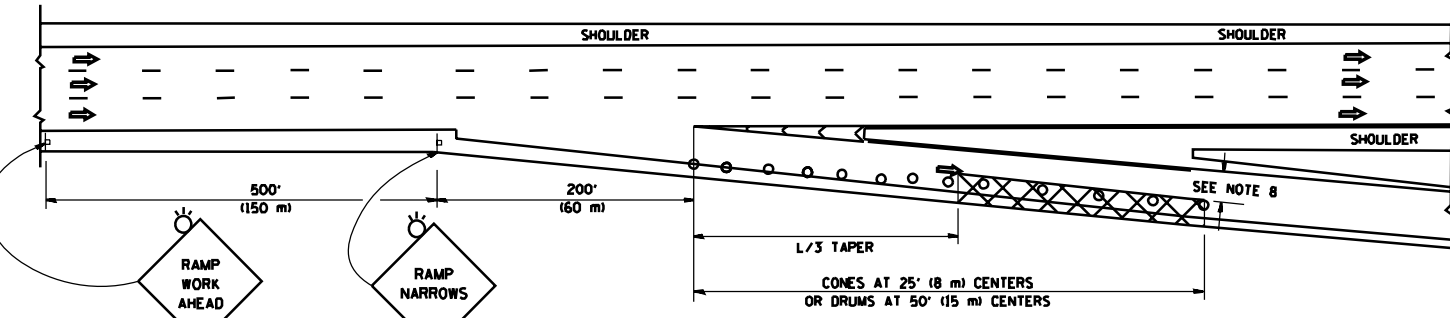
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			84	60
<b>TC-10</b>			CONTRACT NO. 62A93	
ILLINOIS FED. AID PROJECT				

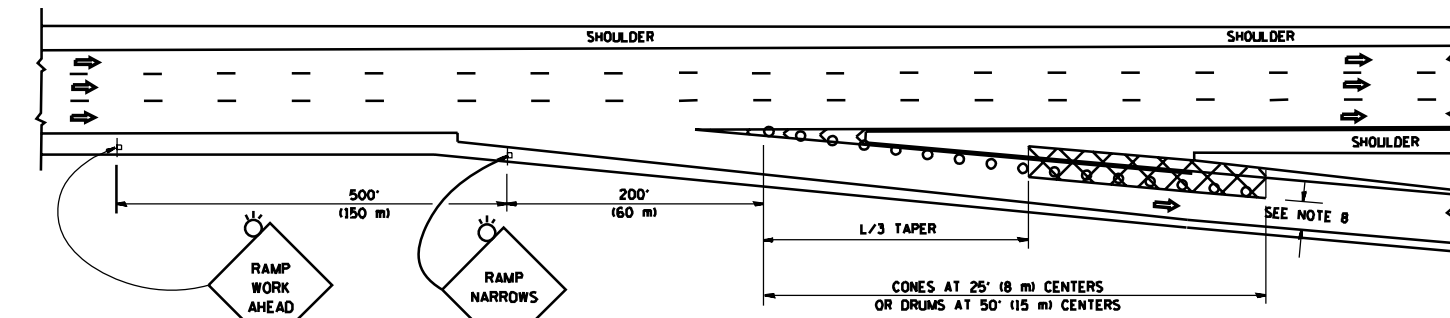
**PARTIAL RAMP CLOSURE DETAILS**



**TYPICAL ENTRANCE RAMP**



**TYPICAL EXIT RAMP**



**TYPICAL EXIT RAMP**

**SYMBOLS**

- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE OR DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

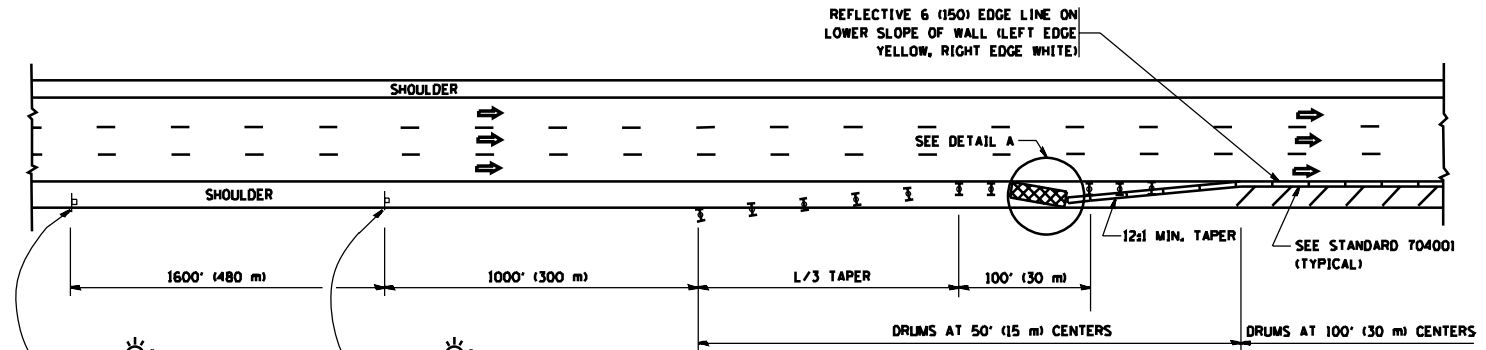
**GENERAL NOTES**

1. THE "L" DISTANCE EQUALS:  

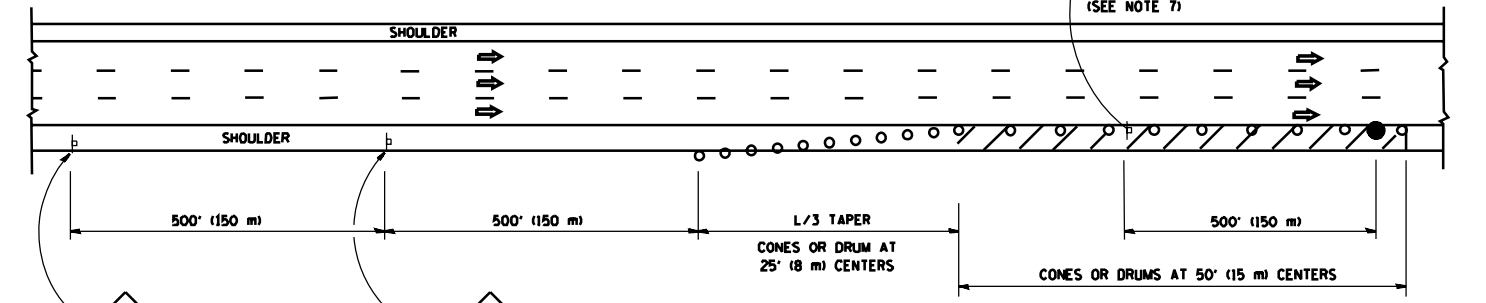
SPEED LIMIT		FORMULAS	
45 mph (80 km/h)	METRIC	$L = 0.65(WNS)$	ENGLISH
OR GREATER:		$L = (WNS)$	

W = WIDTH OF OFFSET IN FEET (METERS)  
 S = NORMAL POSTED SPEED MPH (KM/H)
2. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

**SHOULDER CLOSURE DETAILS**

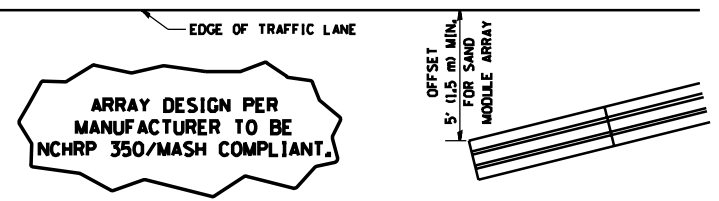


**PERMANENT SHOULDER CLOSURE**



**DAYTIME SHOULDER CLOSURE**

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



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

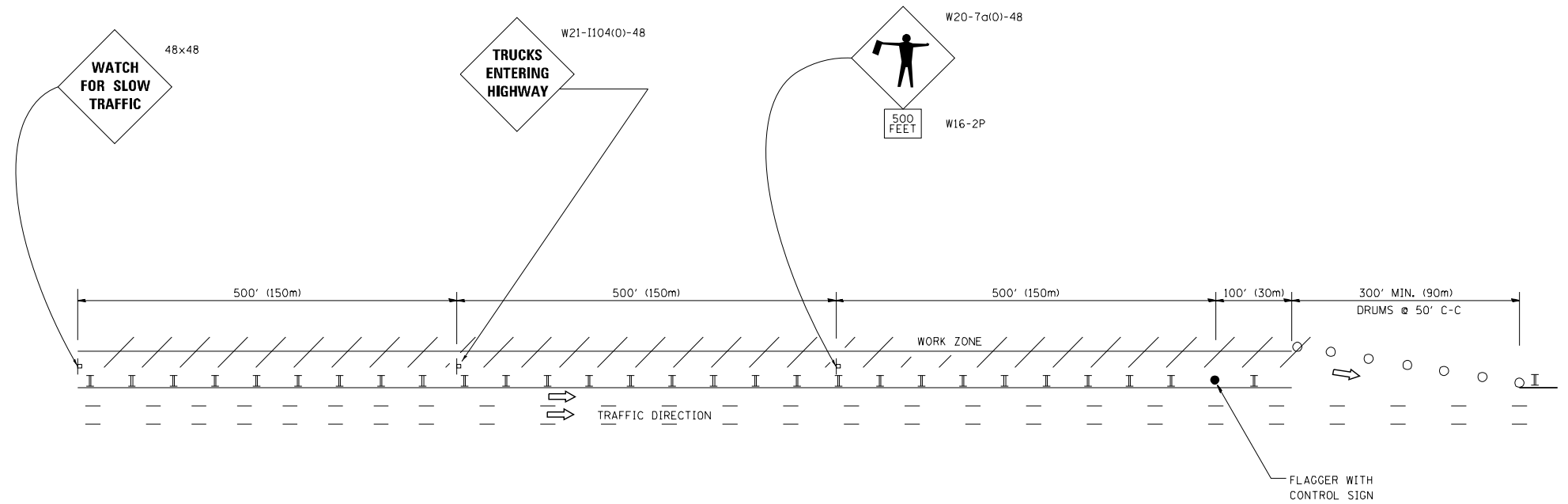
5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350/MASH.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL 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 ENCR OACHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.
8. 12' MIN. WIDTH TANGENT SECTION  
 16' MIN. WIDTH CURVE SECTION.

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

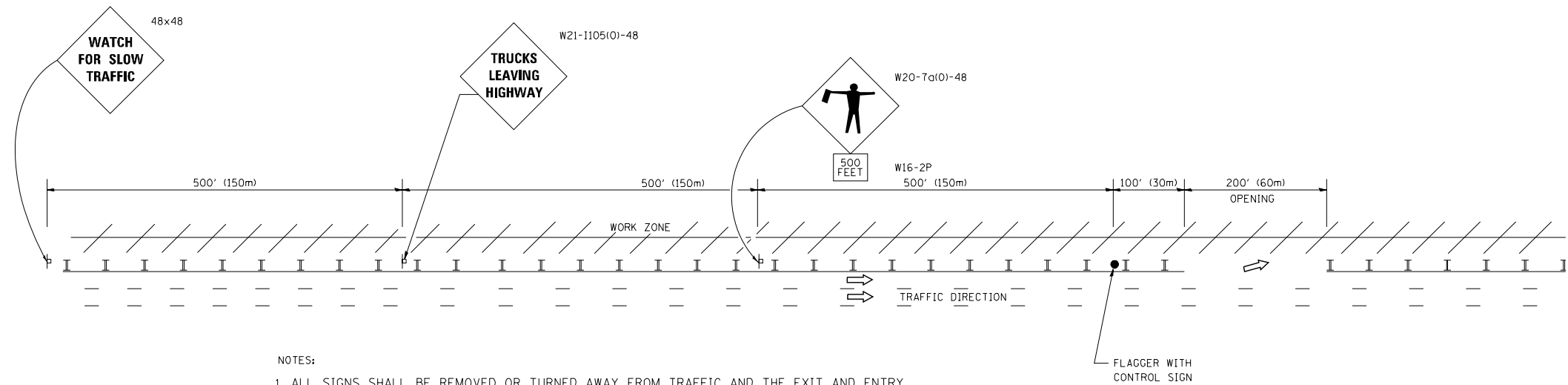
FILE NAME = c:\p\work\p\wido\t\leysa\d0108315\tcl7.dgn	USER NAME = leysa	DESIGNED -	REVISED - J.A.F. 12-06	<b>STATE OF ILLINOIS              DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL DETAILS FOR FREEWAY              SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - D.W.S.	REVISED - S.P.B. 01-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	TC-17		84	61
		CHECKED -	REVISED - S.P.B. 12-09									
		DATE - 11-96	REVISED - M.D. 06-13									
				CONTRACT NO. 62A93				FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



NOTES:

1. ALL SIGNS SHALL BE REMOVED OR TURNED AWAY FROM TRAFFIC AND THE EXIT AND ENTRY OPENINGS SHALL BE CLOSED WHEN THE FLAGGING OPERATION CEASES. NON OPERATING EQUIPMENT SHALL COMPLY WITH ARTICLE 701.11
2. WORK ZONE OPENINGS SHALL BE A MINIMUM OF ONE HALF MILE APART AND A MINIMUM OF ONE QUARTER MILE FROM ALL ENTRANCE AND EXIT RAMPS.
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
5. FLAGGERS SHALL NOT STOP TRAFFIC OR DIRECT TRAFFIC INTO AN ADJACENT LANE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

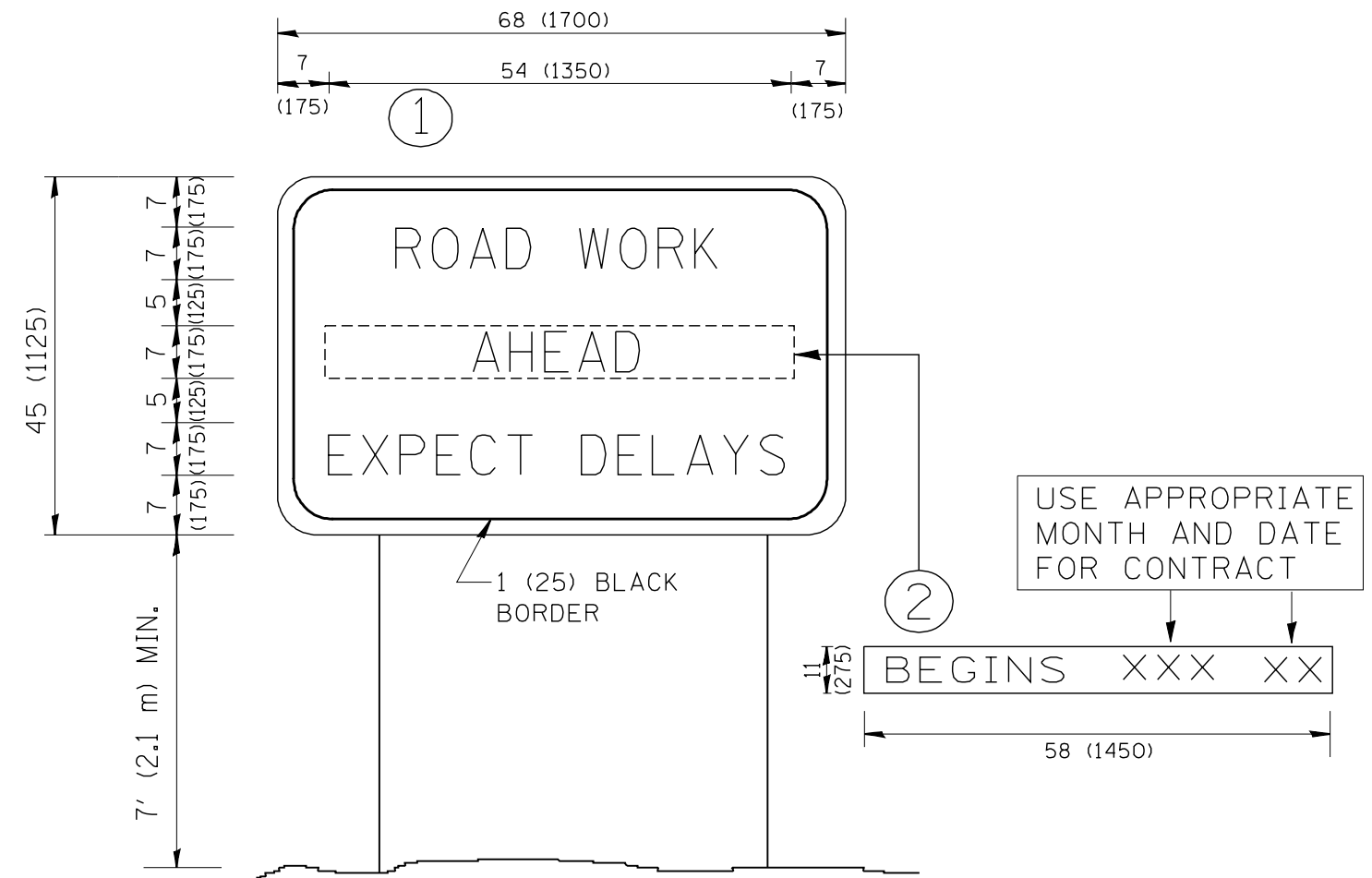
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	PLOT SCALE = 50.000' / in.	CHECKED -	REVISED - S.P.B. 12-09
	PLOT DATE = 7/8/2013	DATE -	REVISED - M.D. 06-13

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FREEWAY/EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS  
AT WORK ZONE OPENINGS ON FREEWAYS/EXPRESSWAYS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-18		84	62
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62A93	



**NOTES:**

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

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

FILE NAME = W:\diststd\22x34\tc22.dgn	USER NAME = gegl@enobt	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

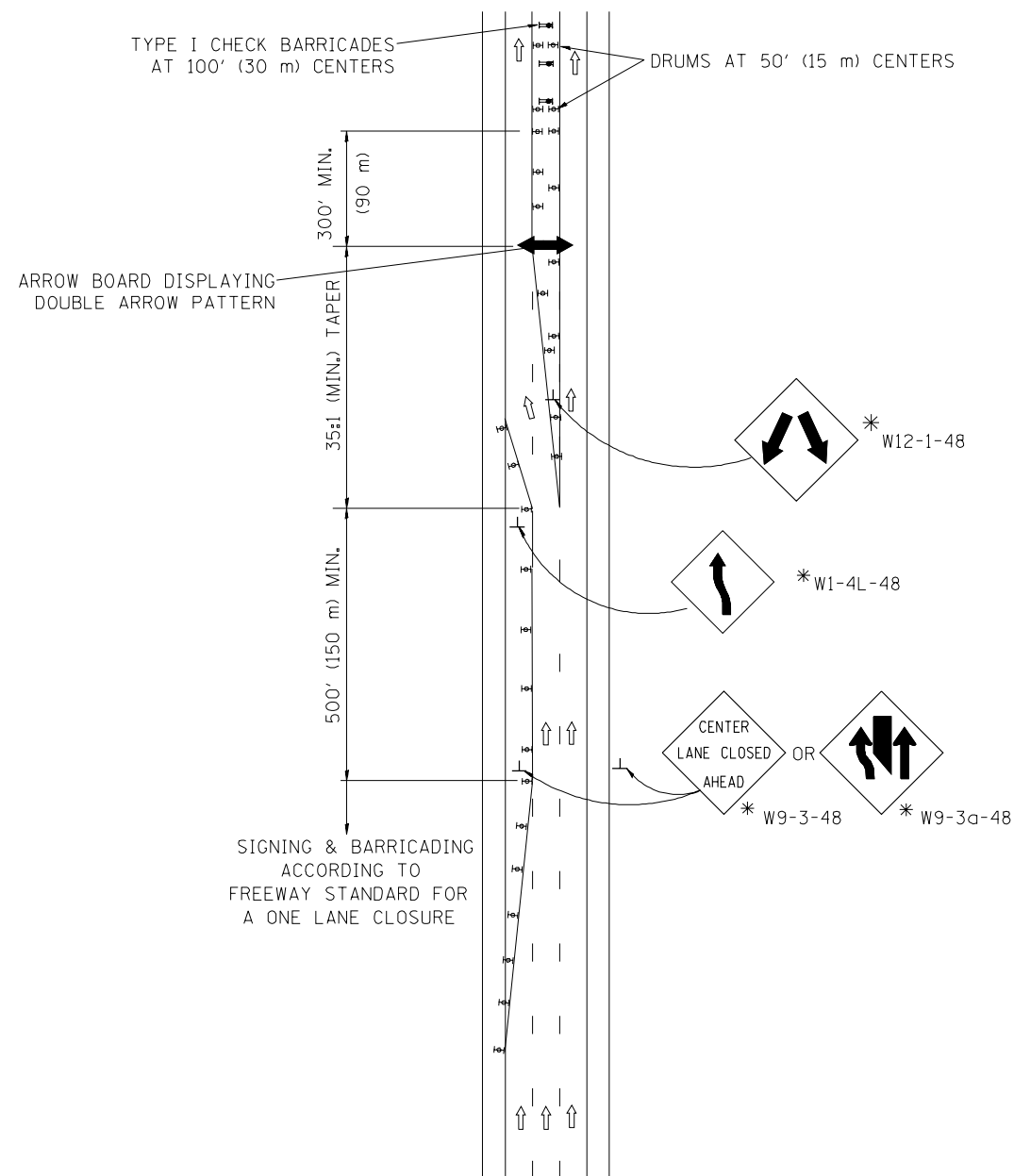
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD  
INFORMATION SIGN**

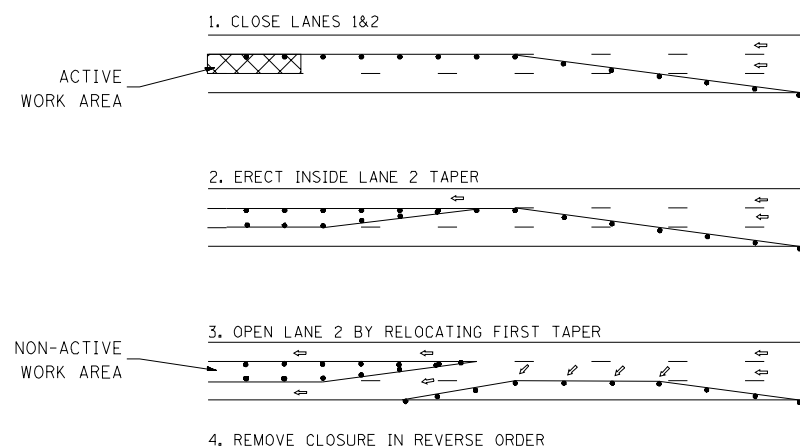
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			84	63
TC-22			CONTRACT NO. 62A93	
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

# CENTER LANE CLOSURE



## INSTALLATION SEQUENCE

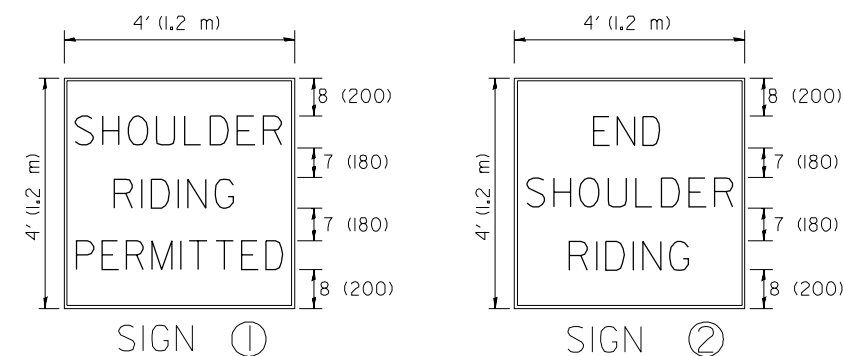
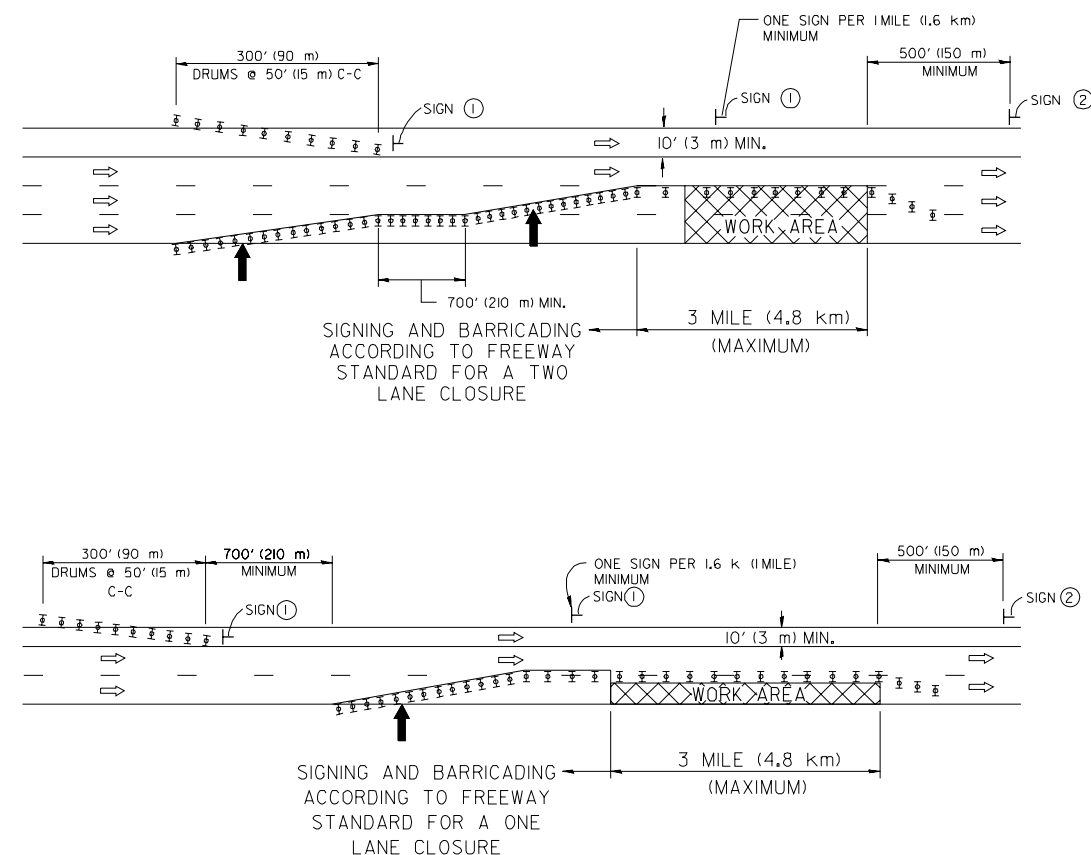


## NOTES

- DRUMS WITH STEADY BURN LIGHTS SHALL BE USED AT 50' (15 m) CENTERS ON ALL TAPERS AND TANGENTS IN ADVANCE OF WORK AREA.
- CLOSURE SHALL BE USED ONLY FOR OPERATIONS LASTING 72 HOURS OR LESS.
- CENTER LANE CLOSURE CONFIGURATION IS NOT TO BE USED WITH WORKERS PRESENT.

# SHOULDER LANE

NOTE: CLOSURE SHALL BE USED ONLY FOR OPERATIONS LASTING 72 HOURS OR LESS.



6 (150) SERIES "C" LEGEND  
BLACK LEGEND  
WHITE REFLECT. BACKGROUND  
1(25) BORDER

## SYMBOLS

- ↑ DIRECTION OF TRAFFIC
- ➡ ARROWBOARD
- ▣ ACTIVE WORK AREA
- ⊥ SIGN ON PORTABLE OR PERMANENT SUPPORT \*
- ⊥ TYPE II BARRICADE, OR DRUM WITH MONO-DIRECTIONAL STEADY BURN LIGHT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

\* ALL SIGNS SHALL BE MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).

FILE NAME = W:\d\stsd\22x34\tc25.dgn	USER NAME = luyso	DESIGNED -	REVISED - J.A.F. 04-03
		DRAWN -	REVISED - S.P.B. 01-07
		CHECKED -	REVISED - S.P.B. 12-09
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS FOR FREEWAY  
CENTER LANE CLOSURE SHOULDER LANE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			84	64
TC-25			CONTRACT NO. 62A93	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





STRUCTURE SOIL BORING LOG

Page 1 of 2 Date 2/27/13

AECOM PROJ NO. 60225454

ROUTE FAI55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2013-049B STRUCT. NO. 016-0766 DRILLED BY STRATA - KOMEN

COUNTY COOK LOCATION CHICAGO, ILLINOIS

Table with columns: Boring No., Station, Offset, Surface Elev., Depth, Soil Description, SPT, Qu, B, S, P, W. Includes soil descriptions like 'FILL: Black, dry, medium dense TOPSOIL, BRICK, CONCRETE and CINDERS' and 'Brown, dry to wet, medium dense to loose, fine SAND'.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE SOIL BORING LOG

Page 2 of 2 Date 2/27/13

AECOM PROJ NO. 60225454

STRUCTURE NO. 016-0766

ROUTE FAI55

SECTION 2013-049B

COUNTY COOK

Table with columns: Boring No., Station, Offset, Elevation, Depth, Soil Description, SPT, Qu, B, S, P, W. Includes soil descriptions like 'Gray, very stiff SILTY CLAY' and 'Possible weathered BEDROCK, COBBLES or large GRAVEL'.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet

FILE NAME = 62A93\_BOR\_MSE\_01.dgn



Table with columns: USER NAME, DESIGNED, DRAWN, CHECKED, PLOT DATE, REVISED, DATE. Includes names like HENAOC, KP, CRH, MJE and dates like 10/20/2017.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE SHEET NO. OF SHEETS STA. TO STA.

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO. Includes values like 55, 2015-036LS, COOK, 84, 65, 62A93.

ILLINOIS FED. AID PROJECT



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

Date 2/26/13

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2013-049B STRUCT. NO. 016-0766 DRILLED BY STRATA - KOMEN

COUNTY COOK LOCATION CHICAGO, ILLINOIS

Table with columns: Boring No., Station, Offset, Surface Elev., Depth (D, E, P, T, H), Blows (B, L, O, W, S), Qu, W, Soil Description, Penetration Test (P, T, H), and Water Content (W %). Includes soil descriptions like 'TOPSOIL', 'Brown, dry to wet, medium dense, fine SAND', and 'Gray, saturated, medium dense to loose, fine SAND to SANDY LOAM'.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

Date 2/26/13

STRUCTURE NO. 016-0766

ROUTE FAI 55

SECTION 2013-049B

COUNTY COOK

Table with columns: Boring No., Station, Offset, Elevation, Depth (D, E, P, T, H), Blows (B, L, O, W, S), Qu, W, Soil Description, Penetration Test (P, T, H), and Water Content (W %). Includes notes like 'Possible weathered BEDROCK, COBBLES or large GRAVEL' and 'End of Boring'.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet

FILE NAME = 62A93\_BOR\_MSE\_03.dgn



Table with columns: USER NAME, DESIGNED, DRAWN, PLOT SCALE, PLOT DATE, REVISIONS (REVISED, REVISIONS).

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Table with columns: BORING LOGS, SCALE, SHEET NO., OF SHEETS, STA., TO STA.

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO.

ILLINOIS FED. AID PROJECT



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2013-049B STRUCT. NO. 016-0773 DRILLED BY STRATA - BAKER

COUNTY COOK LOCATION CHICAGO, ILLINOIS

Table with columns: Boring No., Station, Offset, Surface Elev., Depth, Blow Count (B, L, O, W, S), Qu, W, Soil Description, Surface Water Elev., Groundwater Elev., and additional Blow Count (D, E, P, T, H, W, S, Qu, W).

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

STRUCTURE NO. 016-0773

ROUTE FAI 55

SECTION 2013-049B

COUNTY COOK

Table with columns: Boring No., Station, Offset, Elevation, Depth, Blow Count (B, L, O, W, S), Qu, W, Soil Description, and additional Blow Count (D, E, P, T, H, W, S, Qu, W).

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet

FILE NAME = 62A93\_BOR\_MSE\_05.dgn



Table with columns: USER NAME, DESIGNED, DRAWN, PLOT SCALE, PLOT DATE, REVISIONS.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE SHEET NO. OF SHEETS STA. TO STA.

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO.



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2013-049B STRUCT. NO. 016-0773 DRILLED BY STRATA - ULLRICH

COUNTY COOK LOCATION CHICAGO, ILLINOIS

Table with columns: Boring No., Station, Offset, Surface Elev., Depth (DPTH), Blows (BLOS), Qu (tsf), W (%), Description, and Elevation. Includes soil descriptions like 'Black, brown and gray, moist, medium dense to loose SAND, GRAVEL and SILT' and 'Gray, brown and black, saturated, medium dense to extremely dense SAND, GRAVEL, BRICK and FRACTURED STONE FRAGMENTS'.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

STRUCTURE NO. 016-0773 ROUTE FAI 55 SECTION 2013-049B COUNTY COOK

Table with columns: Boring No., Station, Offset, Elevation, Depth (DPTH), Blows (BLOS), Qu (tsf), W (%), Description, and Elevation. Includes soil descriptions like 'Very dark gray, wet, stiff SILTY CLAY LOAM to SILTY LOAM - slightly organic, trace shells' and 'Gray, wet, loose LOAM'.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet

FILE NAME = 62A93\_BOR\_MSE\_08.dgn



Table with columns: USER NAME, DESIGNED, DRAWN, CHECKED, DATE, REVISED. Values include HENAOC, KP, CRH, MJE, 10/20/2017.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE SHEET NO. OF SHEETS STA. TO STA.

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO. Values include 55, 2015-036LS, COOK, 84, 68, 62A93.

ILLINOIS FED. AID PROJECT



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

Date 4/19/13

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)
SECT. 2010-080-B STRUCT. NO. 016-0746 & 016-0749 DRILLED BY STRATA - ULLRICH
COUNTY COOK LOCATION CHICAGO, ILLINOIS

Table with columns: Boring No., Station, Offset, Surface Elev., Depth, Blow Count (S, B, P), Penetration Test (N), Soil Description, and SPT Data (Qu, W, %).

SPT, (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

Date 4/19/13

STRUCTURE NO. 016-0746 & 016-0749 STRUCTURE NO. 016-0746 & 016-0749
ROUTE FAI 55 ROUTE FAI 55
SECTION 2010-080-B SECTION 2010-080-B
COUNTY COOK COUNTY COOK

Table with columns: Boring No., Station, Offset, Surface Elev., Depth, Blow Count (S, B, P), Penetration Test (N), Soil Description, and SPT Data (Qu, W, %).

SPT, (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet

FILE NAME = 62A93\_BOR\_MSE\_09.dgn



Table with columns: USER NAME, DESIGNED, DRAWN, CHECKED, PLOT DATE, REVISED, DATE.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Table with columns: SCALE, SHEET NO., OF SHEETS, STA., TO STA.

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO.



STRUCTURE SOIL BORING LOG

Page 1 of 2 Date 4/22/13

AECOM PROJ NO. 60225454

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2013-049B STRUCT. NO. 016-0778 DRILLED BY STRATA - McCARTHY

COUNTY COOK LOCATION CHICAGO, ILLINOIS

Table with columns: Boring No., Station, Offset, Surface Elev., Depth, Blow Count (B, L, O, W, S), Qu, W, Soil Description, Penetration Test Results (SPT, WOH, ST).

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE SOIL BORING LOG

Page 2 of 2 Date 4/22/13

AECOM PROJ NO. 60225454

STRUCTURE NO. 016-0778 STRUCTURE NO. 016-0778

ROUTE FAI 55 ROUTE FAI 55

SECTION 2013-049B SECTION 2013-049B

COUNTY COOK COUNTY COOK

Table with columns: Boring No., Station, Offset, Surface Elev., Depth, Blow Count (B, L, O, W, S), Qu, W, Soil Description, Penetration Test Results (SPT, WOH, ST).

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet

FILE NAME = 62A93\_BOR\_MSE\_13.dgn



Table with columns: USER NAME, DESIGNED, DRAWN, CHECKED, DATE, REVISED.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE SHEET NO. OF SHEETS STA. TO STA.

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO.



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

Date 4/16/13

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)
SECT. 2010-080-B STRUCT. NO. 016-0746 & 016-0749 DRILLED BY STRATA - BAKER
COUNTY COOK LOCATION CHICAGO, ILLINOIS

Table with columns for Depth (ft), Blows (N), Soil Description, and SPT Data (Qu, W, P). Includes soil types like 'Black, brown and gray, moist to wet, loose to medium dense SAND, GRAVEL, CINDERS and CLAY' and 'Gray, soft CLAY'.

SPT, (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

Date 4/16/13

STRUCTURE NO. 016-0746 & 016-0749 STRUCTURE NO. 016-0746 & 016-0749
ROUTE FAI 55 ROUTE FAI 55
SECTION 2010-080-B SECTION 2010-080-B
COUNTY COOK COUNTY COOK

Table with columns for Depth (ft), Blows (N), Soil Description, and SPT Data (Qu, W, P). Includes soil types like 'Gray, stiff to medium SILTY CLAY' and 'Apparent weathered BEDROCK'.

SPT, (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet

FILE NAME = 62A93\_BOR\_MSE\_15.dgn



Revision table with columns: USER NAME, DESIGNED, DRAWN, CHECKED, PLOT DATE, REVISED, DATE.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Table with columns: SCALE, SHEET NO., OF SHEETS, STA., TO STA.

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO.





STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

Date 2/28/13

ROUTE FAI55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2013-049B STRUCT. NO. 016-1500 DRILLED BY STRATA - KOMEN

COUNTY COOK LOCATION CHICAGO, ILLINOIS

Table with columns: Boring No., Station, Offset, Surface Elev., Depth, Blows, Qu, W, Description, Surface Water Elev., Groundwater Elev., Date, Depth, Blows, Qu, W. Includes soil descriptions like 'Gray, saturated, medium dense, fine SAND to SANDY LOAM' and 'Brown, moist to wet, medium dense, fine SAND'.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

Date 2/28/13

STRUCTURE NO. 016-1500 ROUTE FAI55 SECTION 2013-049B COUNTY COOK

Table with columns: Boring No., Station, Offset, Elevation, Depth, Blows, Qu, W, Description. Includes soil descriptions like 'Dark gray, medium to stiff SILTY CLAY LOAM to SILTY LOAM, trace shells, wood and organics' and 'Brown and gray, very stiff SILTY CLAY'.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE ROCK CORING LOG

Date 2/28/13

ROUTE FAI55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2013-049B STRUCT. NO. 016-1500 DRILLED BY STRATA - KOMEN

COUNTY COOK

Boring No. STR-10 Core Type NX Station 93+82.21 Core Diameter 2.16 in Offset 76.68ft RT Core Length 15 ft

Surface Elev. 597.05 ft

Table with columns: Top Elev. ft, Coring Notes and Rock Description, Core Run (#), Recovery (%), RQD (%), CORE TIME (Min/ft), COMP. STRNGTH (tsf). Includes description: 'Gray, hard, horizontally fractured, occasional dipping fracture, slightly vuggy, slightly weathered to fresh, poor to fair, DOLOMITE'.

Color pictures of the cores Yes - See Appendix

Cores will be stored for examination until Minimum 60 days

FILE NAME = 62A93\_BOR\_STR\_10.dgn



Table with columns: USER NAME, DESIGNED, DRAWN, CHECKED, PLOT DATE, REVISED, DATE. Includes names like HENAO, KP, CRH, MJE and dates like 10/16/2017.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE SHEET NO. OF SHEETS STA. TO STA.

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO. Includes values like 55, 2015-036LS, COOK, 84, 72, 62A93.

ILLINOIS FED. AID PROJECT



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2013-049B STRUCT. NO. 016-0773 DRILLED BY STRATA - KOMEN

COUNTY COOK LOCATION CHICAGO, ILLINOIS

Table with columns: Boring No., Station, Offset, Surface Elev., Depth (DPTH), Blow Count (BLOW S), Penetration Test (Qu tsf), Water Content (W %), Description, and Elevation. Includes soil descriptions like 'TOPSOIL', 'FILL: Gray and black, moist, medium dense to loose SAND, GRAVEL and CLAY', and 'Brown and gray, very stiff to hard SILTY CLAY'.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

STRUCTURE NO. 016-0773

ROUTE FAI 55

SECTION 2013-049B

COUNTY COOK

Table with columns: Boring No., Station, Offset, Elevation, Depth (DPTH), Blow Count (BLOW S), Penetration Test (Qu tsf), Water Content (W %), and Description. Includes soil descriptions like 'Gray, medium SILTY CLAY' and 'Gray, hard SILTY CLAY'.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE ROCK CORING LOG

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2013-049B STRUCT. NO. 016-0773 DRILLED BY STRATA - KOMEN

COUNTY COOK

Boring No. STR-16 Core Type NX Station 504+14.23 Core Diameter 2.16 in Offset 19.99ft LT Core Length 15 ft

Surface Elev. 593.22 ft

Table with columns: Top Elev. ft, Coring Notes and Rock Description, Core Run (#), Recovery (%), Core Time (Min/ft), and Comp. Strength (tsf). Includes a detailed description of 'Gray, hard, horizontally fractured, occasional dipping fracture, slightly vuggy, slightly weathered to fresh, fair, DOLOMITE'.

Color pictures of the cores Yes - See Appendix

Cores will be stored for examination until Minimum 60 days

FILE NAME = 62A93\_BOR\_STR\_16.dgn



Table with columns: USER NAME, DESIGNED, DRAWN, CHECKED, PLOT DATE, REVISED, DATE. Includes names like HENAO, OLS, ARH, and MHR.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS IV - S.N. 016-0773

SCALE SHEET NO. OF SHEETS STA. TO STA.

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO. Includes values like 55, 2015-036LS, COOK, 84, 73, and 62A93.

ILLINOIS FED. AID PROJECT



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2010-080-B STRUCT. NO. 016-1505 DRILLED BY STRATA - KOMEN

COUNTY COOK LOCATION CHICAGO, ILLINOIS

Table with columns: Boring No., Station, Offset, Surface Elev., Depth, Blows, Qu, W, Description, Water Elev., etc.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

STRUCTURE NO. 016-1505 ROUTE FAI 55 SECTION 2010-080-B COUNTY COOK

Table with columns: Boring No., Station, Offset, Elevation, Depth, Blows, Qu, W, Description, etc.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE ROCK CORING LOG

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2010-080-B STRUCT. NO. 016-1505 DRILLED BY STRATA - KOMEN

COUNTY COOK

Boring No. STR-27 Core Type NX Station 100+90.61 Core Diameter 2.16 in Offset 44.98ft RT Core Length 15 ft

Surface Elev. 593.84 ft

Table with columns: Top Elev. ft, Coring Notes and Rock Description, Core Run (#), Recovery (%), RQD (%), Core Time (Min/ft), Comp. Strength (tsf)

Color pictures of the cores Yes - See Appendix

Cores will be stored for examination until Minimum 60 days

FILE NAME = 62A93\_BOR\_STR\_27.dgn



Table with columns: USER NAME, DESIGNED, DRAWN, CHECKED, DATE, REVISED, etc.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE SHEET NO. OF SHEETS STA. TO STA.

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO.



STRUCTURE SOIL BORING LOG

Page 1 of 3 Date 3/28/13

AECOM PROJ NO. 60225454

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2013-049B STRUCT. NO. 016-1503 DRILLED BY STRATA - ULLRICH

COUNTY COOK LOCATION CHICAGO, ILLINOIS

Table with columns: Boring No., Station, Offset, Surface Elev., Depth, Blow Count, Qu, W, Description, Water Elev., etc.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE SOIL BORING LOG

Page 2 of 3 Date 3/28/13

AECOM PROJ NO. 60225454

STRUCTURE NO. 016-1503 STRUCTURE NO. 016-1503

ROUTE FAI 55 ROUTE FAI 55

SECTION 2013-049B SECTION 2013-049B

COUNTY COOK COUNTY COOK

Table with columns: Boring No., Station, Offset, Elevation, Depth, Blow Count, Qu, W, Description, etc.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE ROCK CORING LOG

Page 3 of 3 Date 3/28/13

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2013-049B STRUCT. NO. 016-1503 DRILLED BY STRATA - ULLRICH

COUNTY COOK

Boring No. STR-29 Core Type NX Station 104+58.80 Core Diameter 2.16 in Offset 52.35ft RT Core Length 16 ft

Surface Elev. 597.53 ft

Table with columns: Top Elev., Coring Notes and Rock Description, Core Run (#), Recovery (%), RQD (%), Core Time (Min/ft), Comp. Strength (tsf)

Color pictures of the cores Yes - See Appendix

Cores will be stored for examination until Minimum 60 days

FILE NAME = 62A93\_BOR\_STR\_2.dgn



Table with columns: USER NAME, DESIGNED, DRAWN, CHECKED, PLOT DATE, etc.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE SHEET NO. OF SHEETS STA. TO STA.

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO.



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

Date 4/1/13

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2013-049B STRUCT. NO. 016-1503 DRILLED BY STRATA - ULLRICH

COUNTY COOK LOCATION CHICAGO, ILLINOIS

Table with columns: Boring No., Station, Offset, Surface Elev., Depth, Blows, Qu, W, Soil Description, Groundwater Elev., etc.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

Date 4/1/13

STRUCTURE NO. 016-1503 ROUTE FAI 55 SECTION 2013-049B COUNTY COOK

Table with columns: Boring No., Station, Offset, Elevation, Depth, Blows, Qu, W, Soil Description, etc.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE ROCK CORING LOG

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2013-049B STRUCT. NO. 016-1503 DRILLED BY STRATA - ULLRICH

COUNTY COOK

Boring No. STR-30 Core Type NX Station 105+80.61 Core Diameter 2.16 in Offset 22.83ft LT Core Length 7.5 ft

Surface Elev. 591.93 ft

Table with columns: Top Elev., Coring Notes and Rock Description, Core Run (#), Recovery (%), Core Time (Min/ft), Comp. Strength (tsf)

Color pictures of the cores Yes - See Appendix

Cores will be stored for examination until Minimum 60 days

FILE NAME = 62A93\_BOR\_STR\_30.dgn



Table with columns: USER NAME, DESIGNED, DRAWN, CHECKED, PLOT DATE, REVISED, etc.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE SHEET NO. OF SHEETS STA. TO STA.

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO.



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

Date 4/4/13

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2013-049B STRUCT. NO. 016-1503 DRILLED BY STRATA - BAKER

COUNTY COOK LOCATION CHICAGO, ILLINOIS

Table with columns: Boring No., Station, Offset, Surface Elev., Depth, Blows, Qu, W, Description, Water Elev., etc.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

Date 4/4/13

STRUCTURE NO. 016-1503

ROUTE FAI 55

SECTION 2013-049B

COUNTY COOK

Table with columns: Boring No., Station, Offset, Elevation, Depth, Blows, Qu, W, Description, etc.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE ROCK CORING LOG

Date 4/4/13

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2013-049B STRUCT. NO. 016-1503 DRILLED BY STRATA - BAKER

COUNTY COOK

Boring No., Station, Offset, Surface Elev., Core Type, Core Diameter, Core Length

Surface Elev. 587.84 ft

Table with columns: Top Elev., Coring Notes and Rock Description, Core Run, Recovery, RQD, Core Time, Comp. Strength

Color pictures of the cores Yes - See Appendix

Cores will be stored for examination until Minimum 60 days

FILE NAME = 62A93\_BOR\_STR\_32.dgn



Table with columns: USER NAME, DESIGNED, DRAWN, CHECKED, PLOT DATE, REVISED, DATE

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE SHEET NO. OF SHEETS STA. TO STA.

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO.



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2013-049B STRUCT. NO. 016-1503 DRILLED BY STRATA - ULLRICH

COUNTY COOK LOCATION CHICAGO, ILLINOIS

Table with columns: Boring No., Station, Offset, Surface Elev., Depth, Blows, Qu, W, Soil Description, SPT, Blows, Qu, W. Includes soil layers like TOPSOIL, SAND, SILTY CLAY, and LOAM.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

STRUCTURE NO. 016-1503

ROUTE FAI 55

SECTION 2013-049B

COUNTY COOK

Table with columns: Boring No., Station, Offset, Elevation, Depth, Blows, Qu, W, Soil Description. Includes layers like SILTY CLAY, BEDROCK.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE ROCK CORING LOG

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2013-049B STRUCT. NO. 016-1503 DRILLED BY STRATA - ULLRICH

COUNTY COOK

Boring No. STR-34 Core Type NX Station 102+29.72 Core Diameter 2.16 in Offset 0.63ft RT Core Length 15 ft

Surface Elev. 588.72 ft

Table with columns: Top Elev. ft, Coring Notes and Rock Description, Core Run (#), Recovery (%), Core Time (Min/ft), Comp. Strength (tsf). Includes notes on rock types like DOLOMITE.

Color pictures of the cores Yes - See Appendix

Cores will be stored for examination until Minimum 60 days

FILE NAME = 62A93\_BOR\_STR\_34.dgn



Table with columns: USER NAME, DESIGNED, DRAWN, CHECKED, PLOT DATE, REVISED, DATE.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Table with columns: SCALE, SHEET NO., OF SHEETS, STA., TO STA.

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO.





STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2010-080-B STRUCT. NO. 016-1505 DRILLED BY STRATA - ULLRICH

COUNTY COOK LOCATION CHICAGO, ILLINOIS

Table with columns: Boring No., Station, Offset, Surface Elev., Depth, Blows, Qu, W, Description, Water Elev., Completion Hrs., Not Meas., Depth, Blows, Qu, W. Includes soil descriptions like 'TOPSOIL', 'FILL: Crushed BRICK and GRAVEL', 'FILL: Brown, black and gray, dry, very dense to loose SAND and GRAVEL', 'FILL: Black, wet, very loose SAND, BRICK, GRAVEL, WOOD and SILT', 'FILL: Gray, soft to medium SILTY CLAY'.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

STRUCTURE NO. 016-1505 ROUTE FAI 55 SECTION 2010-080-B COUNTY COOK

Table with columns: Boring No., Station, Offset, Elevation, Depth, Blows, Qu, W. Includes soil descriptions like 'Gray, stiff to medium SILTY CLAY', 'Apparant solid BEDROCK', 'Pressuremeter Test performed at 61.75 ft po = 6.0 tsf / pf = > 64 tsf / pl = tsf Ed = 9690 tsf / E+ = 34166 tsf Pressurized test area to 64 tsf and did not reach Pf'.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE ROCK CORING LOG

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2010-080-B STRUCT. NO. 016-1505 DRILLED BY STRATA - ULLRICH

COUNTY COOK

Boring No. STR-35 Core Type NX Station 103+63.26 Core Diameter 2.16 in Offset 14.05ft LT Core Length 15 ft

Surface Elev. 588.52 ft

Table with columns: Top Elev. ft, Coring Notes and Rock Description, Core Run (#), Recovery (%), RQD (%), CORE TIME (Min/ft), COMP. STRNGTH (tsf). Includes notes like 'Gray, hard, horizontally fractured, slightly yuggy to trace vuggs, slightly weathered to fresh, excellent, DOLOMITE' and 'End of Boring Mobile B-57 drill rig used for drilling Automatic Mobile hammer used for SPT Casing used: 40 ft of 4 in diameter Driller converted to rotary wash drilling at 12.5 ft depth Borehole grouted upon completion'.

Color pictures of the cores Yes - See Appendix

Cores will be stored for examination until Minimum 60 days

FILE NAME = 62A93\_BOR\_STR\_35.dgn



Table with columns: USER NAME, DESIGNED, DRAWN, CHECKED, DATE, REVISED. Includes values like HENAO, KP, CRH, MJE, 10/20/2017.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE SHEET NO. OF SHEETS STA. TO STA.

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO. Includes values like 55, 2015-036LS, COOK, 84, 79, 62A93.



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2010-080-B STRUCT. NO. 016-1505 DRILLED BY STRATA - ULLRICH

COUNTY COOK LOCATION CHICAGO, ILLINOIS

Table with columns: Boring No., Station, Offset, Surface Elev., Depth, Blow Count (B, L, O, W, S), Qu, W, Soil Description, Groundwater Elev., SPT, WOH, Qu, W. Includes soil descriptions like 'TOPSOIL', 'Gray, medium SILTY CLAY', and 'FILL: Black and brown, moist, medium dense to very loose SAND, GRAVEL, BRICK and WOOD'.



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

STRUCTURE NO. 016-1505 ROUTE FAI 55 SECTION 2010-080-B COUNTY COOK

Table with columns: Boring No., Station, Offset, Elevation, Depth, Blow Count (B, L, O, W, S), Qu, W, Soil Description. Includes soil descriptions like 'Gray, stiff to medium SILTY CLAY' and 'Apparent weathered BEDROCK or Hardpan'.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE ROCK CORING LOG

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2010-080-B STRUCT. NO. 016-1505 DRILLED BY STRATA - ULLRICH

COUNTY COOK

Boring No. STR-36 Core Type NX Station 104+74.20 Core Diameter 2.16 in Offset 4.01ft LT Core Length 15 ft

Surface Elev. 592.29 ft

Table with columns: Top Elev. ft, Coring Notes and Rock Description, Core Run (#), Recovery (%), Core Time (Min/ft), Comp. Strength (tsf). Includes description: 'Gray, hard, horizontally fractured, occasional dipping fracture, slightly vuggy to trace vuggs, slightly weathered to fresh, fair to good DOLOMITE'.

Color pictures of the cores Yes - See Appendix

Cores will be stored for examination until Minimum 60 days

FILE NAME = 62A93\_BOR\_STR\_36.dgn



Table with columns: USER NAME, DESIGNED, DRAWN, CHECKED, DATE, REVISED. Includes names like HENAO, KP, CRH, MJE and dates like 10/16/2017.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE SHEET NO. OF SHEETS STA. TO STA.

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO. Includes values like 55, 2015-036LS, COOK, 84, 80, 62A93.



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

Date 4/15/13

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2010-080-B STRUCT. NO. 016-1505 DRILLED BY STRATA - BAKER

COUNTY COOK LOCATION CHICAGO, ILLINOIS

Table with columns: Boring No., Station, Offset, Surface Elev., Depth, Blows, Qu, W, Description, Groundwater Elev., WOH, Blows, Qu, W. Includes soil descriptions like 'Black brown and gray, moist to wet, loose to very dense SAND, BRICK and GRAVEL' and 'Gray, soft CLAY - rock fragments noted'.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

Date 4/15/13

STRUCTURE NO. 016-1505 ROUTE FAI 55 SECTION 2010-080-B COUNTY COOK

Table with columns: Boring No., Station, Offset, Elevation, Depth, Blows, Qu, W, Description, WOH, Blows, Qu, W. Includes soil descriptions like 'Gray, medium to soft SILTY CLAY' and 'Brown and gray, very stiff SILTY CLAY'.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE ROCK CORING LOG

Date 4/15/13

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2010-080-B STRUCT. NO. 016-1505 DRILLED BY STRATA - BAKER

COUNTY COOK

Boring No. STR-37 Core Type NX Station 106+01.17 Core Diameter 2.16 in Offset 16.42ft RT Core Length 15 ft

Surface Elev. 591.29 ft

Table with columns: Top Elev. ft, Coring Notes and Rock Description, Core Run (#), Recovery (%), Core Time (Min/ft), Comp. Strength (tsf). Includes notes like 'Gray, hard, horizontally fractured, occasional dipping fractures, slightly vuggy to trace vuggs, slightly weathered, fair DOLOMITE'.

Color pictures of the cores Yes - See Appendix

Cores will be stored for examination until Minimum 60 days

FILE NAME = 62A93\_BOR\_STR\_37.dgn



Table with columns: USER NAME, DESIGNED, DRAWN, CHECKED, DATE, REVISED. Includes names like HENAO, KP, CRH, MJE and dates like 10/16/2017, 10/20/2017.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE SHEET NO. OF SHEETS STA. TO STA.

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO. Includes values like 55, 2015-036LS, COOK, 84, 81, 62A93.



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2010-080-B STRUCT. NO. 016-1505 DRILLED BY STRATA - MALOUF

COUNTY COOK LOCATION CHICAGO, ILLINOIS

Table with columns: Boring No., Station, Offset, Surface Elev., Depth (ft), Blows (10' interval), Qu (tsf), W (%), Description, and additional blow counts. Includes soil descriptions like 'Brown and gray, stiff SILTY CLAY' and 'No recovery at 30.0 ft.'.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

STRUCTURE NO. 016-1505 ROUTE FAI 55 SECTION 2010-080-B COUNTY COOK

Table with columns: Boring No., Station, Offset, Elevation, Depth (ft), Blows (10' interval), Qu (tsf), W (%), Description. Includes 'Gray, stiff to medium SILTY CLAY' and 'Apparent solid BEDROCK'.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE ROCK CORING LOG

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2010-080-B STRUCT. NO. 016-1505 DRILLED BY STRATA - MALOUF

COUNTY COOK

Boring No. STR-39 Core Type NX Station 108+54.97 Core Diameter 2.16 in Offset 34.48ft RT Core Length 15 ft

Surface Elev. 590.77 ft

Table with columns: Top Elev. (ft), Coring Notes and Rock Description, Core Run (#), Recovery (%), Core Time (Min/ft), and Comp. Strength (tsf). Includes 'DOLOMITE' and 'End of Boring' notes.

Color pictures of the cores Yes - See Appendix

Cores will be stored for examination until Minimum 60 days

FILE NAME = 62A93\_BOR\_STR\_39.dgn



Table with columns: USER NAME, DESIGNED, DRAWN, CHECKED, DATE, REVISED, and PLOT DATE.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE SHEET NO. OF SHEETS STA. TO STA.

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO.



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

Date 4/10/13

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2010-080-B STRUCT. NO. 016-1505 DRILLED BY STRATA - BAKER

COUNTY COOK LOCATION CHICAGO, ILLINOIS

Table with columns: Boring No., Station, Offset, Surface Elev., Depth (ft), Blows (B), Penetration (P), Water Content (W), and Soil Description. Includes soil logs with elevations from 589.91 to 540.71 ft.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

Date 4/10/13

STRUCTURE NO. 016-1505 ROUTE FAI 55 SECTION 2010-080-B COUNTY COOK

Table with columns: Boring No., Station, Offset, Elevation, Depth (ft), Blows (B), Penetration (P), Water Content (W), and Soil Description. Includes pressuremeter test results.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE ROCK CORING LOG

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2010-080-B STRUCT. NO. 016-1505 DRILLED BY STRATA - BAKER

COUNTY COOK

Boring No. STR-40 Core Type NX Station 109+90.60 Core Diameter 2.16 in Offset 27.59ft RT Core Length 14 ft

Surface Elev. 590.71 ft

Table with columns: Top Elev. (ft), Coring Notes and Rock Description, Core Run (#), Recovery (%), Core Time (Min/ft), and Comp. Strength (tsf). Includes coring logs with elevations from 520.21 to 506.21 ft.

Color pictures of the cores Yes - See Appendix Cores will be stored for examination until Minimum 60 days

FILE NAME = 62A93\_BOR\_STR\_4B.dgn



Table with columns: USER NAME, DESIGNED, DRAWN, CHECKED, PLOT DATE, REVISED, DATE.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE SHEET NO. OF SHEETS STA. TO STA.

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO.



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

Date 4/3/13

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2010-080-B STRUCT. NO. 016-0746 & 016-0749 DRILLED BY STRATA - FRANKS

COUNTY COOK LOCATION CHICAGO, ILLINOIS

Table with columns: Boring No., Station, Offset, Surface Elev., Depth (DPTH), Blow Count (BLOW S), Qu (tsf), W (%), Description, Groundwater Elev., and additional Depth (DPTH), Blow Count (BLOW S), Qu (tsf), W (%). Includes soil descriptions like 'Gray, saturated, very loose to medium dense SAND, SILT and CLAY'.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE SOIL BORING LOG

AECOM PROJ NO. 60225454

Date 4/3/13

STRUCTURE NO. 016-0746 & 016-0749

ROUTE FAI 55

SECTION 2010-080-B

COUNTY COOK

Table with columns: Boring No., Station, Offset, Elevation, Depth (DPTH), Blow Count (BLOW S), Qu (tsf), W (%), Description. Includes soil descriptions like 'Gray, soft to medium SILTY CLAY'.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet



STRUCTURE ROCK CORING LOG

Date 4/3/13

ROUTE FAI 55 DESCRIPTION I-94 (DAN RYAN EXPRESSWAY) TO US 41 (LAKE SHORE DRIVE)

SECT. 2010-080-B STRUCT. NO. 016-0746 & 016-0749 DRILLED BY STRATA - FRANKS

COUNTY COOK

Boring No. STR-42 Core Type NX
Station 412+37.23 Core Diameter 2.16 in
Offset 7.91ft RT Core Length 15 ft

Surface Elev. 590.58 ft

Table with columns: Top Elev. ft, Coring Notes and Rock Description, Core Run (#), Recovery (%), R.Q.D. (%), CORE TIME (Min/ft), COMP. STRNGTH (tsf). Includes rock description: 'Gray, hard, horizontally fractured, occasional dipping fracture, vuggy, slightly weathered, poor, DOLOMITE'.

Color pictures of the cores Yes - See Appendix

Cores will be stored for examination until Minimum 60 days

FILE NAME = 62A93\_BOR\_STR\_42.dgn



Table with columns: USER NAME, DESIGNED, DRAWN, CHECKED, DATE, REVISED. Includes user names like HENAOC, KP, CRH, MJE.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE SHEET NO. OF SHEETS STA. TO STA.

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO. Includes values like 55, 2015-036LS, COOK, 84, 84, 62A93.