

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

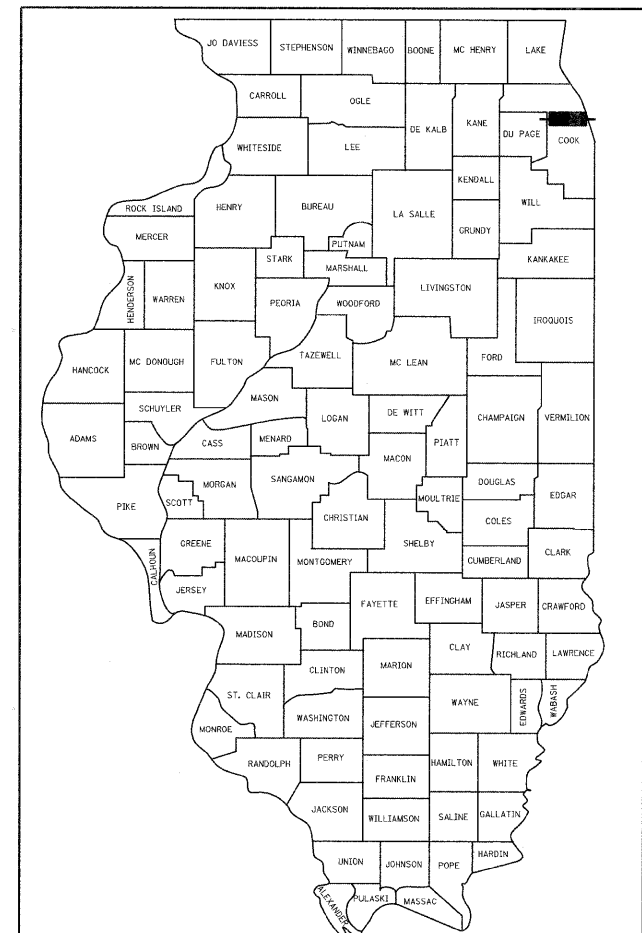
F.A.I. ROUTE 90 /94 /290
AT CIRCLE INTERCHANGE
HUBBARD STREET TO POLK STREET
AND WESTERN STREET TO WELLS STREET
SECTION: 2011-055-I
BARRIER WALLS, SIGNING AND DRAINAGE

COOK COUNTY
C-91-597-11

F.A.I. RTE. 90/94 /290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 60P67		

* 107 + 1 - 10 = 98

D-91-597-11



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

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED IN
CITY OF CHICAGO

TRAFFIC DATA

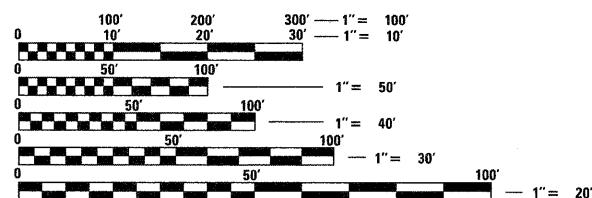
S-W RAMP 25,400 (2002)
S-E RAMP 7,900 (2000)
E-N RAMP 22,600 (2002)

POSTED SPEED: 30 MPH

PROJECT DESCRIPTION:

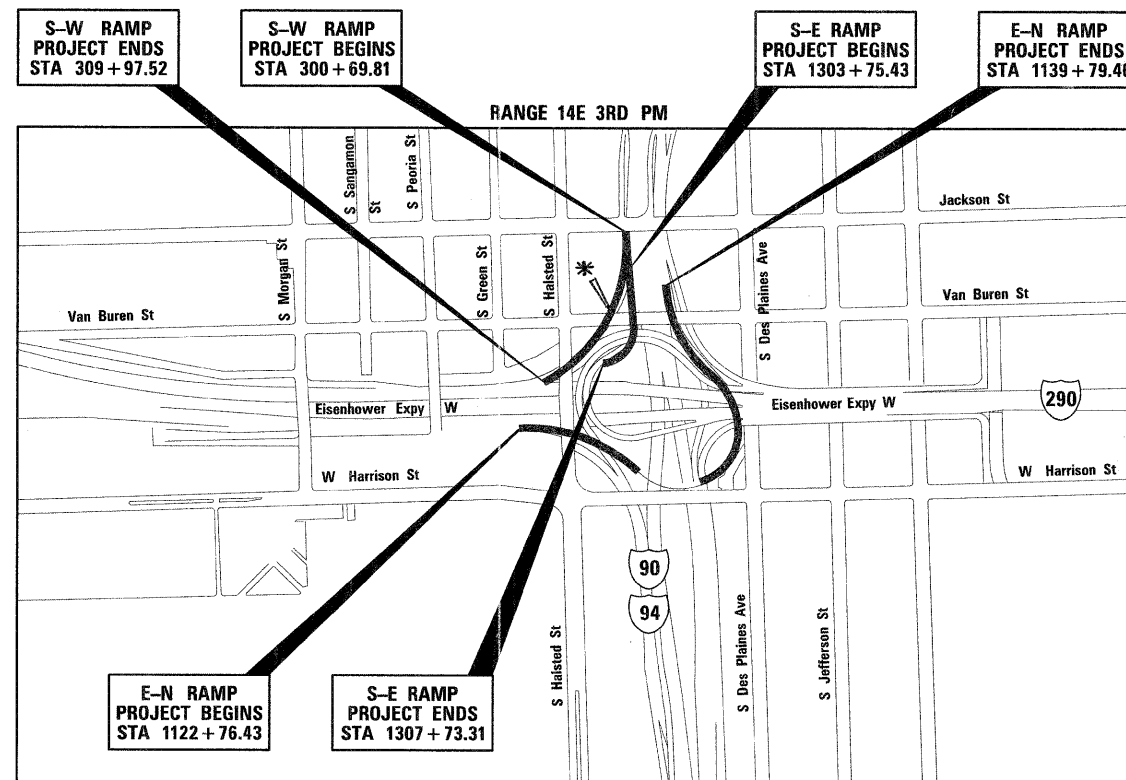
THE SCOPE OF WORK CONSISTS OF REMOVAL OF EXISTING GUARDRAIL, NEW CONCRETE BARRIER WALLS, NEW RETAINING WALL, HMA SHOULDERS, MINOR DRAINAGE IMPROVEMENTS, REMOVAL OF EXISTING SIGN LUMINAIRES, LANDSCAPING AND PAVEMENT MARKING AS REQUIRED

* RE-INFORCED CONCRETE RETAINING WALL: SN: 016-2008



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.

CUAN
CHICAGO UTILITY AREA NETWORK
312-744-7000

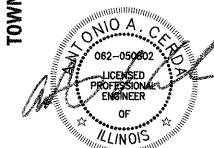


PROJECT LOCATION MAP
NOT TO SCALE

NET LENGTH OF PROJECT = 2529.19 LIN FT = 0.479 MILES
GROSS LENGTH OF PROJECT = 3028.62 LIN FT = 0.574 MILES



TOWNSHIP 39N



EXPIRATION DATE: 11-30-2011
DATE: 8/25/2011
SHEETS 1-68 & 76-107

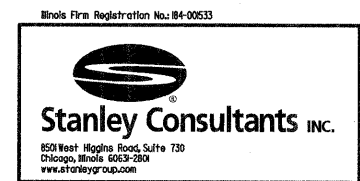


EXPIRATION DATE: 11-30-2012
DATE: 8/25/2011
SHEETS 69-75

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED August 26 2011
Diana M. O'Keefe DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
October 14 2011
Scott E. Stitt, P.E. acting ENGINEER OF DESIGN AND ENVIRONMENT
October 14 2011
Christine M. Reed DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS



DESIGN - CONSULTANT SERVICES - PROJECT MANAGER - BRIAN KUTTAB (847)705-4431

CONTRACT NO. 60P67

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IDOT DISTRICT ONE DETAILS

BD-07	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
BD-08	DETAILS FOR FRAMES AND LIDS WITH MILLING
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-34	DETAILS FOR STEEL PLATE BEAM GUARD RAIL ADJACENT TO CURB AND GUTTER STABILIZATION AT TBT TY 1 SPL
TC-09	TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE
TC-12	MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS (2 SHEETS)
TC-17	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
TC-18	SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
TC-22	ARTERIAL ROAD INFORMATION SIGN

LIST OF STATE STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
601001-04	SUBSURFACE DRAINS
602001-02	CATCH BASIN TYPE A
602306-03	INLET TYPE B
602401-03	MANHOLE TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-03	FRAMES AND LIDS, TYPE 1
604046-02	FRAME AND GRATE TYPE 10
604086-02	FRAME AND GRATE TYPE 23
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606201-02	TYPE B GUTTER (INLET, OUTLET & ENTRANCE)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-09	STEEL PLATE BEAM GUARDRAIL
630201-06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
631031-09	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
637006-02	CONCRETE BARRIER, DOUBLE FACE, 42 IN HEIGHT
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 4.5 m (15') TO 600 mm (24") FROM PAVEMENT EDGE
701400-05	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-06	LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-06	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-07	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH
701426-04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45 MPH
701446-02	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701901-01	TRAFFIC CONTROL DEVICES
704001-06	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720021-02	SIGN PANELS EXTRUDED ALUMINUM TYPE

GENERAL NOTES

- ALL ELEVATIONS SHOWN REFER TO U.S.G.S. DATUM UNLESS OTHERWISE NOTED.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL CUAN (CHICAGO UTILITY ALERT NETWORK), (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED).
- 10 ft (3 m) TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF CHICAGO.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP YARD OR FIELD OFFICE ON STATE OR CITY PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING AREAS.
- WHERE SECTION, SUBSECTION, SUBDIVISION OR PROPERTY MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- DURING CONSTRUCTION OPERATION WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF THE GUTTERS OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY.
- PROTECTIVE COAT SHALL BE APPLIED IN ACCORDANCE WITH ARTICLE 420.18 OF THE STANDARD SPECIFICATION TO CONCRETE BARRIER, ALL EXPOSED SURFACES OF CURBS AND GUTTERS. ANY PART OF THIS ITEM CAN BE DELETED OR ANOTHER ADDED AT THE DISCRETION OF THE ENGINEER.
- SAW CUTTING: A SAW CUT SHALL BE REQUIRED TO THE FULL DEPTH AT THE JOINT BETWEEN PAVEMENT, CURB AND GUTTER, HMA SURFACES TO BE REMOVED AND THAT LEFT IN PLACE AS DIRECTED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE REMOVAL. SAW CUTS FOR PAVEMENT PATCHING SHALL BE MEASURED AND PAID FOR IN ACCORDANCE WITH ARTICLE 442.
- THE CONTRACTOR'S SPECIAL ATTENTION IS REQUIRED TO PRESERVE AS MANY TREES, SHRUBS, AND BUSHES AS POSSIBLE DURING THE CONSTRUCTION OF THE IMPROVEMENT. COST OF REMOVAL OF HEDGES AND BRUSH WHICH ARE NOT LISTED SEPARATELY AS A PAY ITEM IN THE PLANS SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.
- DRAINAGE STRUCTURE INVERTS AND LOCATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS. BEFORE ORDERING STORM SEWERS, INLETS, CATCH BASINS, PIPE CULVERTS, PIPE DRAINS, AND MANHOLES, THE CONTRACTOR SHALL CONTACT THE ENGINEER AS TO THE EXACT LENGTH AND QUANTITY REQUIRED.
- THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.
- ALL EXCAVATED MATERIAL SHALL REMAIN ON SITE AND NOT BE TRANSPORTED ELSEWHERE. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR STRUCTURAL EXCAVATION AND EARTH EXCAVATION. CONTRACTOR SHALL PLACE EXCESS EXCAVATED MATERIAL AT THE LOCATIONS SHOWN ON THE EROSION CONTROL PLANS AND AS DIRECTED BY THE ENGINEER.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS AT NDES
SHOULDERS	
HOT-MIX ASPHALT SHOULDER, 8 1/2" (HMA BINDER IL-19 mm)	4% @ 70 GYR.
HOT-MIX ASPHALT SHOULDER, 6" (HMA BINDER IL-19 mm)	4% @ 70 GYR.
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm); 1 1/2"	4% @ 70 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

FILE NAME = 02_D60P67-shr-gennote.dgn	USER NAME = USER3690	DESIGNED - DLD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STANDARDS AND GENERAL NOTES			F.A.I. RTE. 90/94/290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 2
PLOT SCALE = 1:1	CHECKED - AAC	REVISED -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 60P67			
PLOT DATE = 9/8/2011	DATE - 08/04/11	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

CODE NO.	ITEM	UNIT	URBAN 100% STATE			CODE NO.	ITEM	UNIT	URBAN 100% STATE			
			TOTAL QUANTITY	ROADWAY 0004	RETAINING WALL 0040				BRIDGE 0040	TOTAL QUANTITY	ROADWAY 0004	RETAINING WALL 0040
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	8	8		51100100	SLOPE WALL 4 INCH	SQ YD	44			44
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	2	2		550A0330	STORM SEWERS, CLASS A, TYPE 2 10"	FOOT	10	10		
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	4	4		550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	109	109		
20200100	EARTH EXCAVATION	CU YD	1,289	1,289		55100500	STORM SEWER REMOVAL 12"	FOOT	50	50		
20800150	TRENCH BACKFILL	CU YD	26	26		59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	98		98	
20900110	POROUS GRANULAR BACKFILL	CU YD	252	252		60201005	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 10 FRAME AND GRATE	EACH	3	3		
*21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	2,952	2,952		60201330	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	1	1		
*21101645	TOPSOIL FURNISH AND PLACE, 12"	SQ YD	46	46		60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2		
*25000210	SEEDING, CLASS 2A	ACRE	1	1		60240305	INLETS, TYPE B, TYPE 10 FRAME AND GRATE	EACH	4	4		
*25000400	NITROGEN FERTILIZER NUTRIENT	POUND	91	91		60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	8	8		
*25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	91	91		60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	2	2		
*25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	91	91		60500040	REMOVING MANHOLES	EACH	2	2		
*25100125	MULCH, METHOD 3	ACRE	1	1		60602800	CONCRETE GUTTER, TYPE B	FOOT	3,744	3,744		
*25100630	EROSION CONTROL BLANKET	SQ YD	4,977	4,977		60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	249	249		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	206	206		63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	3	3		
28000400	PERIMETER EROSION BARRIER	FOOT	2,586	2,586		63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	3	3		
28000510	INLET FILTERS	EACH	32	32		63200310	GUARDRAIL REMOVAL	FOOT	3,125	3,125		
3101100	SUBBASE GRANULAR MATERIAL, TYPE D	CU YD	43		43	63700805	CONCRETE BARRIER TRANSITION	FOOT	165	165		
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	2,506	2,506		63700900	CONCRETE BARRIER BASE	FOOT	3,554	3,554		
40200900	AGGREGATE SURFACE COURSE, TYPE B	CU YD	922	922		67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4		
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	177	177		67100100	MOBILIZATION	L SUM	1	1		
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	63	63		70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	1	1		
42001300	PROTECTIVE COAT	SQ YD	3,718	3,488	146	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	6	6		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	849	849		70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	4,033	4,033		
44000400	GUTTER REMOVAL	FOOT	113	113		70400100	TEMPORARY CONCRETE BARRIER	FOOT	700	700		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	4,418	4,418		*72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1		
44004250	PAVED SHOULDER REMOVAL	SQ YD	886	886		*72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	108	108		
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	1,301	1,301		*72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1		
48203031	HOT-MIX ASPHALT SHOULDERS, 8 1/2"	SQ YD	744	744		*72400730	RELOCATE SIGN PANEL - TYPE 3	SQ FT	108	108		
50104650	SLOPE WALL REMOVAL	SQ YD	55		55	*72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	1,098	1,098		
50200100	STRUCTURE EXCAVATION	CU YD	638		529	109	*73400100	CONCRETE FOUNDATIONS	CU YD	1.4	1.4	
50300225	CONCRETE STRUCTURES	CU YD	147		103	44	*73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	2	2	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	13,870		9,810	4,060						

FILE NAME = 03_060P67-shr-summary.dgn

USER NAME = USER3838

DESIGNED - DLD

REVISED -

DRAWN - ED

REVISED -

CHECKED - AAC

REVISED -

PLOT DATE = 9/9/2011

DATE - 08/04/11

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

*Specialty Items

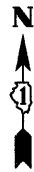
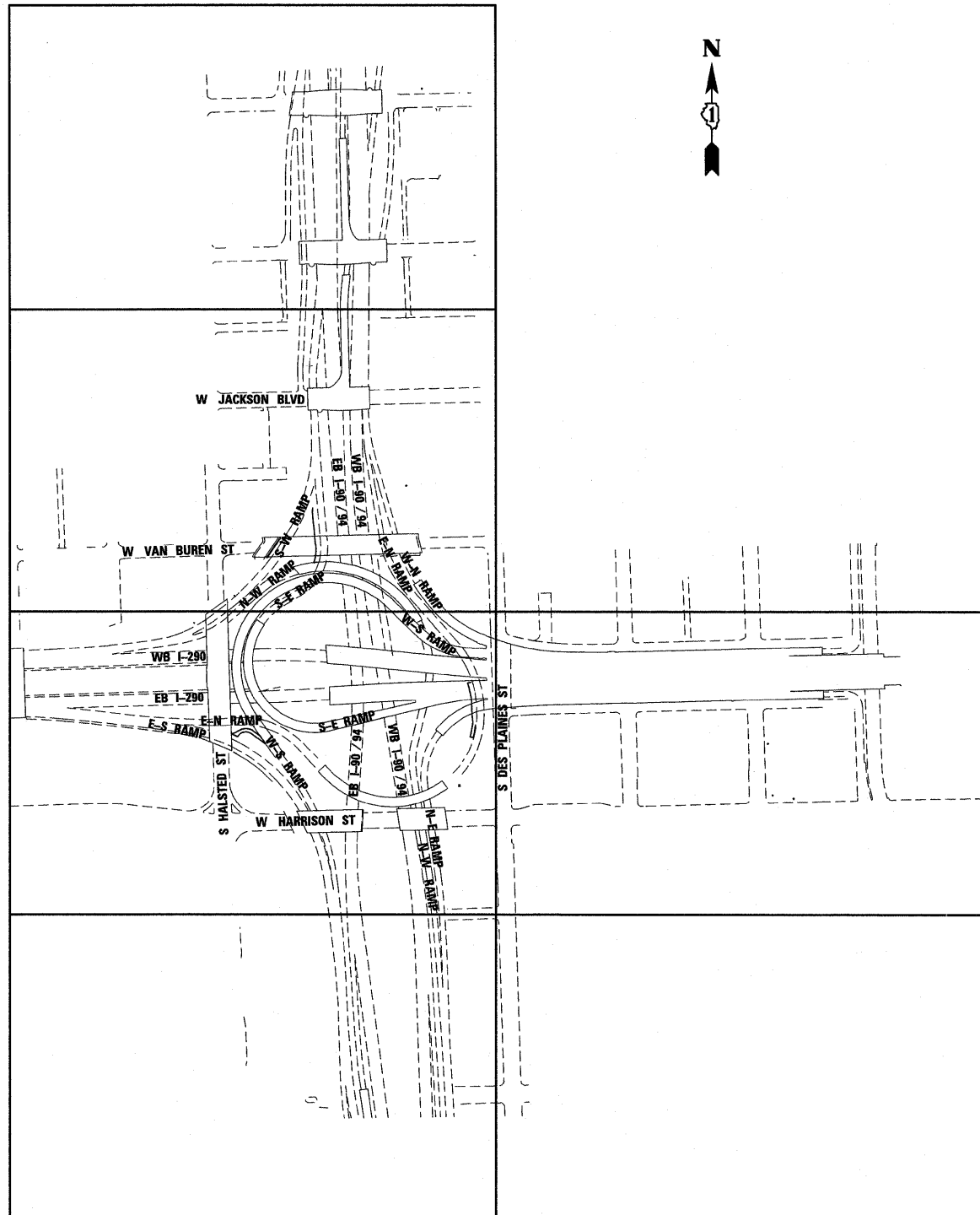
F.A.I. RTE. 90/94/290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 3
CONTRACT NO. 60P67			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	RETAINING WALL	BRIDGE	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	RETAINING WALL	BRIDGE
				0004	0040	0040					0004	0040	0040
*73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	2	2			X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	22	22		
*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5,056	5,056			X6063401	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	FOOT	147	147		
*78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1,449	1,449			X6063600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	428	428		
*78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	137	137			X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1		
78200410	GUARDRAIL MARKERS, TYPE A	EACH	12	12			X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	90	90		
78200520	BARRIER WALL MARKERS, TYPE B	EACH	101	101			X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	12,099	12,099		
78200530	BARRIER WALL MARKERS, TYPE C	EACH	18	18			X5500410	STORM SEWER TEE, CLASS A, TYPE 2 10"	EACH	1	1		
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	3	3			Z0006700	BRIDGE DRAINAGE SYSTEM	EACH	2			2
78300100	PAVEMENT MARKING REMOVAL	SQ FT	2,789	2,789			X6370050	CONCRETE BARRIER WALL (SPECIAL)	FOOT	3,388	3,388		
81400100	HANDHOLE	EACH	1	1			Z0006710	BRIDGE DRAINAGE SYSTEM REPAIR	EACH	1			1
81400200	HEAVY-DUTY HANDHOLE	EACH	1	1			X0327350	REMOVE AND SALVAGE EXISTING LIMESTONE PAVERS	SQ FT	1032	1032		
89502380	REMOVE EXISTING HANDHOLE	EACH	2	2									
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1									
Z0018905	DRILL AND GROUT BARS	EACH	28		28								
Z0022800	FENCE REMOVAL	FOOT	213	213									
Z0030280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE,NARROW), TEST LEVEL 3	EACH	1	1									
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	84	84									
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	134		134								
Z0076600	TRAINEES	—HOUR—	—600—	—600—									
*A2004716	TREE, GLEDITSIA TRIACANTHOS INERMIS SHADEMASTER (SHADEMASTER THORNLESS COMMON HONEYLOCUST), 2" CALIPER, BALLED AND BURLAPPED	EACH	1	1									
*E20210G1	VINE-PARTHENOCISSUS QUINQUEFOLIA ENGEL MANNII (ENGELMANNII VIRGINIA CREEPER), 1-GALLON POT	EACH	125	125									
*K0029632	WEED CONTROL, NON-SELECTIVE AND NON-RESIDUAL	GALLON	0.1	0.1									
*K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	1	1									
*K0036120	MULCH PLACEMENT 4"	SQ YD	477	477									
*X0321631	REMOVAL OF LUMINAIRE	EACH	42	42									
X0322215	CLEANING BRIDGE SCUPPERS AND DOWNSPOUTS	EACH	12		12								
X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	4	4									
X0323553	ORNAMENTAL FENCE, WROUGHT IRON	FOOT	213	213									
X0323859	DOWNSPOUT CONNECTION	EACH	2		2								
X070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	115		115								
X2800510	INLET FILTER CLEANING	EACH	64	64									
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	240	240									

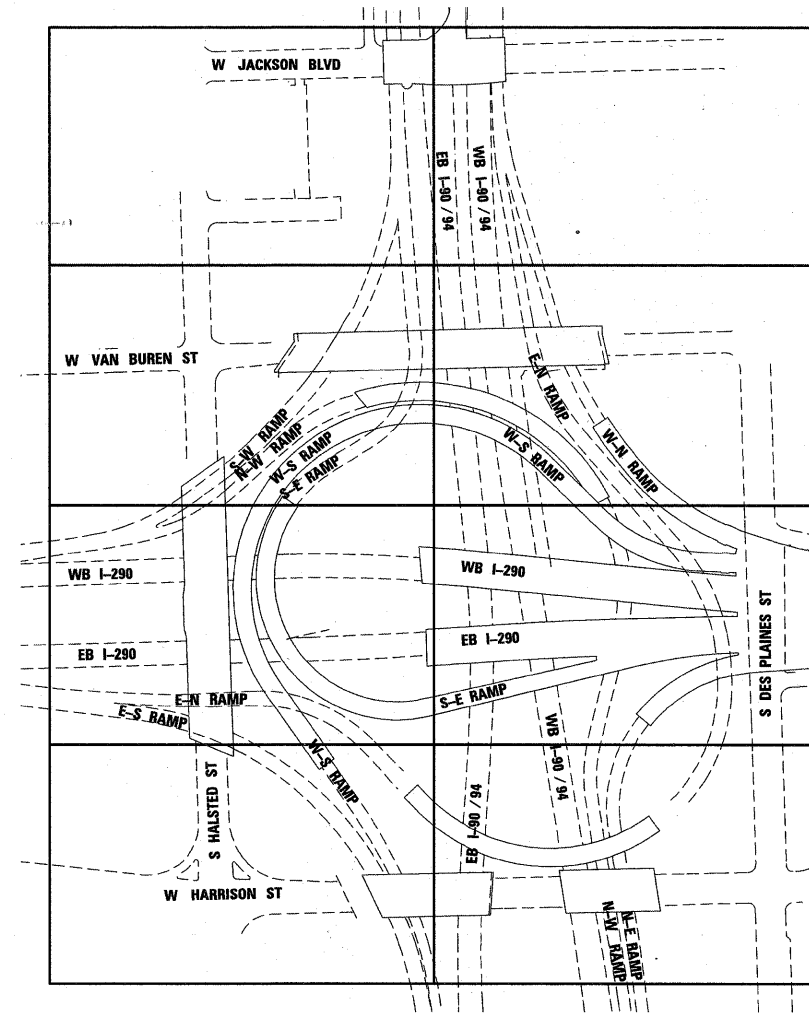
*Specialty Items

Rev.

FILE NAME = 03_D60P67-sht-summary02.dgn	USER NAME = USER3830	DESIGNED - DLD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I. RTE. 90/94/290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 4
PLOT SCALE = 1:2	CHECKED - AAC	REVISED -	SCALE: NONE						SHEET NO. 2 OF 2 SHEETS	STA. TO STA.	CONTRACT NO. 60P67		
PLOT DATE = 9/9/2011	DATE - 08/04/11	REVISED -	ILLINOIS FED. AID PROJECT										



KEY PLAN FOR 50 SCALE PLAN SHEETS
NTS



KEY PLAN FOR 20 SCALE PLAN SHEETS
NTS

FILE NAME =
04_D60P67-sht-keyplan.dgn

USER NAME = USER3690
PLOT SCALE = 1:5
PLOT DATE = 9/8/2011

DESIGNED - DLD
DRAWN - ED
CHECKED - AAC
DATE - 08/04/11

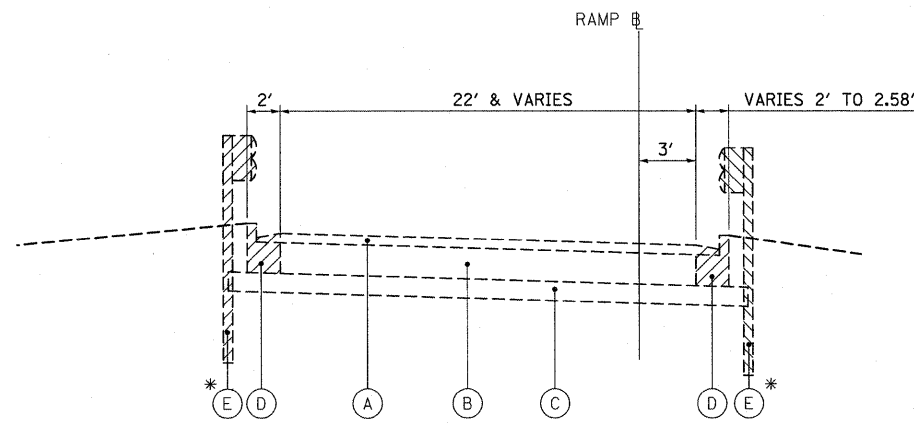
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEY PLAN

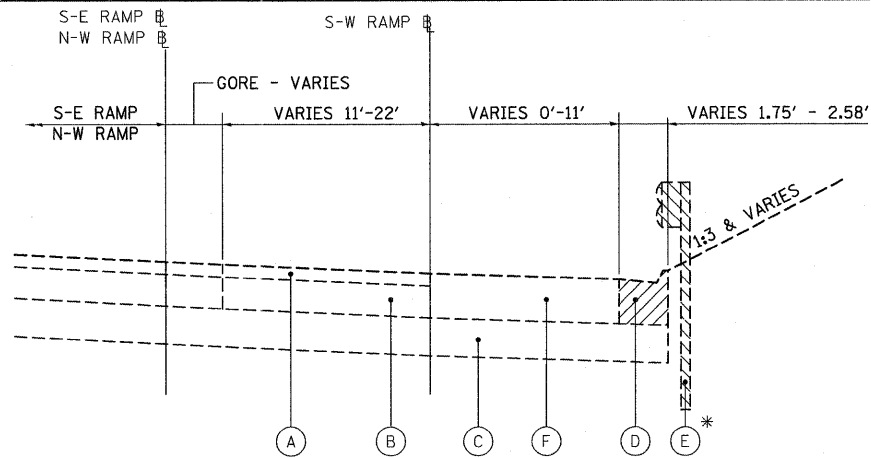
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE. 90/94 7290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 5
CONTRACT NO. 60P67				
ILLINOIS FED. AID PROJECT				



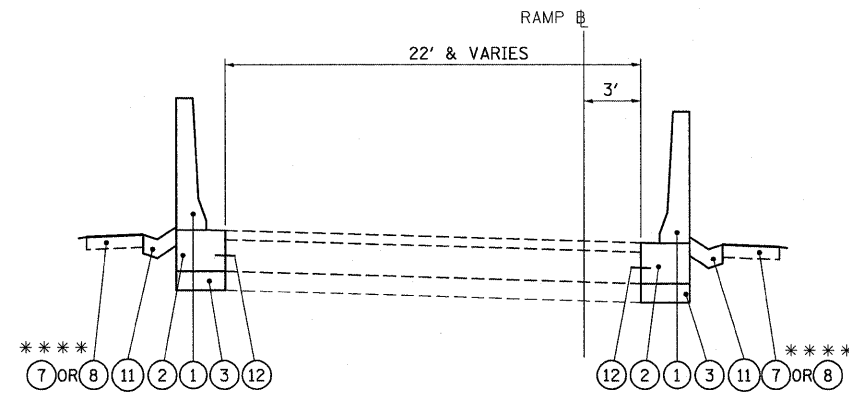
EXISTING TYPICAL SECTION 1

S-E RAMP
STA 1303+75.43 TO STA 1307+73.31
S-W RAMP
STA 303+66.60 TO STA 309+02.39
E-N RAMP
STA 1122+76.43 TO STA 1125+93.12
STA 1130+92.55 TO STA 1139+79.46



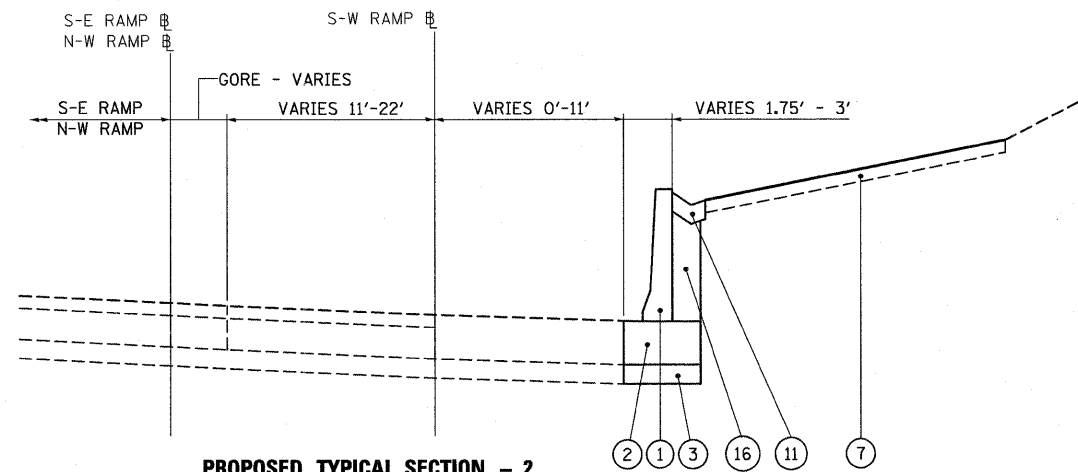
EXISTING TYPICAL SECTION 2

S-W RAMP
STA 300+69.81 TO STA 303+66.60
STA 309+02.39 TO STA 309+97.52



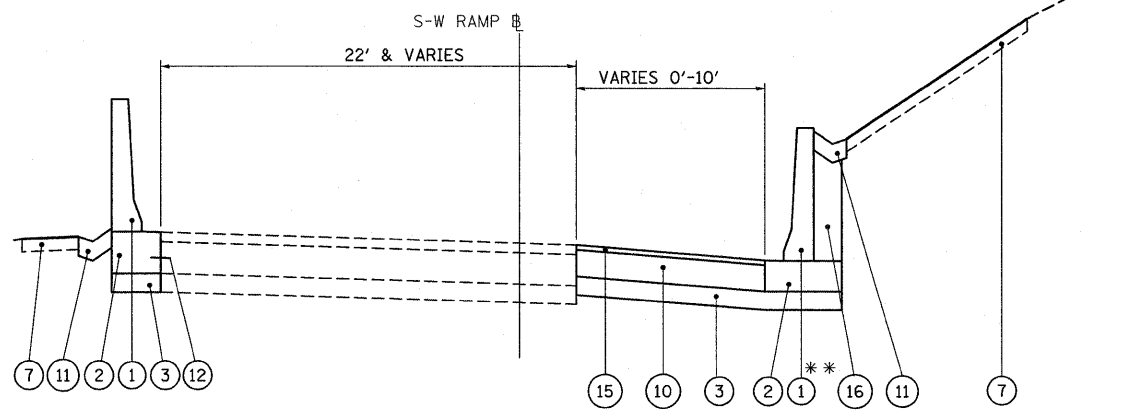
PROPOSED TYPICAL SECTION 1

S-E RAMP
STA 1303+75.43 TO STA 1307+73.31
E-N RAMP
STA 1122+76.43 TO STA 1125+93.12
STA 1130+92.55 TO STA 1139+79.46



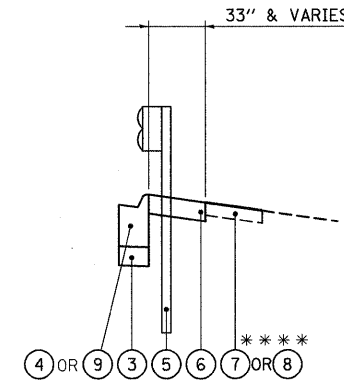
PROPOSED TYPICAL SECTION - 2

S-W RAMP
STA 300+69.81 TO STA 304+25.00



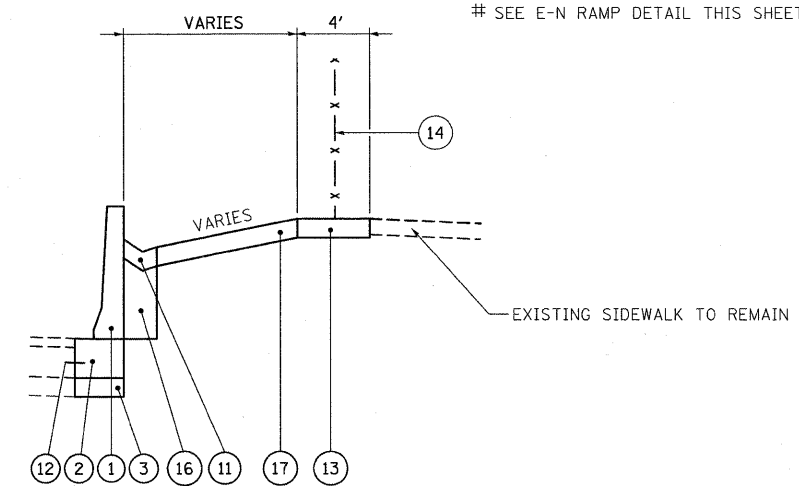
PROPOSED TYPICAL SECTION 3

S-W RAMP
STA 304+25.00 TO STA 309+97.52



GUARDRAIL TYPICAL SECTION

S-W RAMP
STA 303+86.57 TO STA 305+08.99, LT
S-E RAMP
STA 1303+75.43 TO STA 1304+90.03, RT
E-N RAMP
STA 1132+79.51 TO STA 1134+25.76, LT



E-N RAMP DETAIL AT DES PLAINES STREET

E-N RAMP
STA 1133+30.73 TO STA 1135+28.12, RT

EXISTING LEGEND:

- (A) HOT-MIX ASPHALT OVERLAY, ±3"
- (B) P.C.C. PAVEMENT, 10" & VARIES
- (C) SUB-BASE GRANULAR MATERIAL, 6" & VARIES
- (D) COMBINATION CONCRETE CURB AND GUTTER
- (E) STEEL PLATE BEAM GUARDRAIL
- (F) HOT-MIX ASPHALT SHOULDER, 10" & VARIES



PROPOSED LEGEND:

- (1) CONCRETE BARRIER WALL (SPECIAL)
 - (2) CONCRETE BARRIER BASE
 - (3) SUBBASE GRANULAR MATERIAL, TYPE B 6"
 - (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12
 - (5) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
 - (6) HOT-MIX ASPHALT SHOULDERS, 6" (IN 2 LIFTS)
 - (7) TOPSOIL FURNISH AND PLACE, 6" AND SEEDING, CL 2A
 - (8) MAINTENANCE ACCESS PATH (HMA SHOULDERS, 6")
 - (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
 - (10) HOT-MIX ASPHALT SHOULDERS, 8 1/2" (IN 3 LIFTS)
 - (11) CONCRETE GUTTER, TYPE B
 - *** (12) TIE BAR
 - (13) PCC SIDEWALK 5 INCH
 - (14) ORNAMENTAL FENCE, WROUGHT IRON
 - (15) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
 - (16) POROUS GRANULAR BACKFILL
 - (17) AGGREGATE SURFACE COURSE, TYPE B, 4"
- * SEE REMOVAL PLANS FOR LIMITS OF EXISTING GUARDRAIL
- ** PROPOSED RETAINING WALL ALONG S-W RAMP FROM STA 305+69.16 TO STA 307+53.24
- *** LONGITUDINAL JOINT TIE BARS SHALL BE NO. 6 @ 24" CENTERS IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001
- *** SEE LANDSCAPING PLAN AND PROPOSED ROADWAY PLAN FOR LIMITS
- # SEE E-N RAMP DETAIL THIS SHEET

FILE NAME = 05_D60P67-sht-typical.dgn	USER NAME = USER:3690	DESIGNED - DLD	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.I. RTE. 90/94/250	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 6
	PLOT SCALE = 1:5	DRAWN - ED	REVISOR -		SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
	PLOT DATE = 9/8/2011	CHECKED - AAC	REVISOR -									
		DATE - 08/04/11	REVISOR -									

EARTHWORK SUMMARY TABLE:

1	2	3	4	5	6
Street	Earth Excavation	Excavation for Embankment (Adjusted for Shrinkage)	Embankment	Porous Granular Backfill	Furnished Excavation Earthwork Balance Waste (+) or Shortage (-)
	Cubic Yard	Cubic Yard	Cubic Yard	Cubic Yard	Cubic Yard
Stage 1					
E-N RAMP	218	185	56	27	129
S-W RAMP	485	412	120	77	292
Subtotal	703	597	175	104	422
Stage 2					
E-N RAMP	314	267	500	96	-233
S-W RAMP	138	117	80	52	37
Subtotal	452	385	581	148	-196
S-E RAMP	114	97	175	0	-78
Total	1,269	1,079	931	252	148

Shrinkage Factor: Earth Excavation: 15%

Column 2, 4 & 5 - Locations and Quantities from cross sections
Cut = Earth Excavation Fill = Embankment

Column 3 - Quantity of Earth Excavation (Cut) Adjusted for a shrinkage factor of 15%

Column 6 - Earthwork required. (-) = Quantity of Fill or Embankment Needed (Furnished Excavation)
(+) = Quantity to be wasted

CLEANING BRIDGE SCUPPERS AND DOWNSPOUTS

ROUTE	LT / RT	NORTHING	EASTING
S-E RAMP	LT	1,898,162	1,171,265
S-E RAMP	LT	1,897,890	1,171,305
S-E RAMP	LT	1,897,849	1,171,472
S-E RAMP	LT	1,897,881	1,171,599
S-E RAMP	RT	1,897,898	1,171,740
S-E RAMP	RT	1,897,915	1,171,806
S-E RAMP	RT	1,897,936	1,171,960
N-E RAMP	RT	1,897,904	1,171,965
N-E RAMP	RT	1,897,908	1,172,044
N-E RAMP	RT	1,897,912	1,172,133
N-E RAMP	RT	1,897,917	1,172,225
N-E RAMP	RT	1,897,918	1,172,298

STORM SEWER REMOVAL 12"

ROUTE	STA	STA	LT/RT	LENGTH
EN RAMP	1133+20.00	1133+38.00	RT	18
EN RAMP	1133+38.00	1133+70.00	RT	32

REMOVING MANHOLES

ROUTE	STA	OFFSET	EACH
E-N RAMP	1133+38	11.0 RT	1
E-N RAMP	1133+70	12.0 RT	1

FILE NAME = 06_060P67-ah-schedule.dgn
USER NAME = USER3690
DESIGNED - DLD
DRAWN - ED
PLOT SCALE = 1:2
CHECKED - AAC
PLOT DATE = 9/8/2011
DATE - 08/04/11

DESIGNED - DLD
DRAWN - ED
CHECKED - AAC
DATE - 08/04/11

REVISIED -
REVISIED -
REVISIED -
REVISIED -

REVISIED -
REVISIED -
REVISIED -
REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

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

F.A.I. RTE. 30/94/290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 7
				CONTRACT NO. 60P67
ILLINOIS FED. AID PROJECT				



DESCRIPTION	NORTHING	EASTING
E-N RAMP		
PC CURVE EN_RMP_BL-1	1,897,853.71	1,170,934.80
PT CURVE EN_RMP_BL-1	1,897,844.73	1,171,117.57
PCC CURVE EN_RMP_BL-2	1,897,846.61	1,171,202.30
PT CURVE EN_RMP_BL-2	1,897,768.88	1,171,383.05
PC CURVE EN_RMP_BL-3	1,897,692.29	1,171,452.45
PT CURVE EN_RMP_BL-3	1,897,636.89	1,171,814.55
PC CURVE EN_RMP_BL-4	1,897,636.89	1,171,814.55
PT CURVE EN_RMP_BL-4	1,897,846.90	1,171,951.28
PC CURVE EN_RMP_BL-5	1,897,846.90	1,171,951.28
PT CURVE EN_RMP_BL-5	1,898,107.59	1,171,869.74
PC CURVE EN_RMP_BL-6	1,898,274.53	1,171,723.17
PT CURVE EN_RMP_BL-6	1,898,433.43	1,171,646.03
POT STA 1142+30.10	1,898,694.26	1,171,597.65
S-E RAMP		
PC CURVE SE_RMP_BL-1	1,898,713.20	1,171,428.98
PT CURVE SE_RMP_BL-1	1,898,527.43	1,171,436.58
PC CURVE SE_RMP_BL-2	1,898,413.25	1,171,446.44
PT CURVE SE_RMP_BL-2	1,898,272.22	1,171,376.47
PC CURVE SE_RMP_BL-3	1,898,222.38	1,171,297.58
PT CURVE SE_RMP_BL-3	1,898,174.88	1,171,248.63
S-W RAMP		
POT STA 300+00.00	1,898,902.98	1,171,409.54
PC CURVE SW_RMP_BL-1	1,898,766.43	1,171,416.15
PT CURVE SW_RMP_BL-1	1,898,383.16	1,171,298.36
PCC CURVE SW_RMP_BL-1	1,898,383.16	1,171,298.36
PT CURVE SW_RMP_BL-1	1,898,172.77	1,171,078.97
PC CURVE SW_RMP_BL-1	1,898,172.77	1,171,078.97
PT CURVE SW_RMP_BL-1	1,898,116.25	1,170,945.00
PC CURVE SW_RMP_BL-1	1,898,116.25	1,170,945.00
PT CURVE SW_RMP_BL-1	1,898,092.57	1,170,755.73
POT STA 314+28.73	1,898,079.78	1,170,515.77

BENCHMARK:

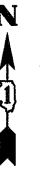
- BM #1 CHICAGO CITY STANDARD BM 57.5' SOUTH OF NORTH LINE OF LEXINGTON AND 30' EAST OF WEST LINE OF LYTLE ELEV 593.41
- BM #2 CHICAGO CITY STANDARD BM 5' NORTH OF NORTH LINE OF WASHINGTON AND 50' EAST OF EAST LINE OF ASHLAND ELEV 595.34
- BM #3 GPS MONUMENT ON SOUTH SIDE OF WASHINGTON BETWEEN OGDEN AND ASHLAND ELEV 595.47

PROP CURVE SW_RMP_BL-1 PI STA = 303+49.86 $\Delta = 39^\circ 42' 05''$ (RT) $D = 9^\circ 42' 17''$ $R = 590.39'$ $T = 213.14'$ $L = 409.09'$ $E = 37.30'$ $e = \text{-----}$ $T.R. = \text{-----}$ $S.E. RUN = \text{-----}$ $P.C. STA = 301+36.71$ $P.T. STA = 305+45.80$	PROP CURVE SW_RMP_BL-2 PI STA = 306+99.80 $\Delta = 18^\circ 31' 54''$ (RT) $D = 6^\circ 04' 12''$ $R = 943.92'$ $T = 154.00'$ $L = 305.30'$ $E = 12.48'$ $e = \text{-----}$ $T.R. = \text{-----}$ $S.E. RUN = \text{-----}$ $P.C. STA = 305+45.80$ $P.T. STA = 308+51.11$	PROP CURVE SW_RMP_BL-3 PI STA = 309+25.34 $\Delta = 23^\circ 19' 19''$ (RT) $D = 15^\circ 55' 44''$ $R = 359.70'$ $T = 74.23'$ $L = 146.41'$ $E = 7.58'$ $e = \text{-----}$ $T.R. = \text{-----}$ $S.E. RUN = \text{-----}$ $P.C. STA = 308+51.11$ $P.T. STA = 309+97.52$	PROP CURVE SW_RMP_BL-4 PI STA = 310+93.13 $\Delta = 8^\circ 09' 46''$ (RT) $D = 4^\circ 16' 34''$ $R = 1,339.95'$ $T = 95.61'$ $L = 190.90'$ $E = 3.41'$ $e = \text{-----}$ $T.R. = \text{-----}$ $S.E. RUN = \text{-----}$ $P.C. STA = 309+97.52$ $P.T. STA = 311+88.42$
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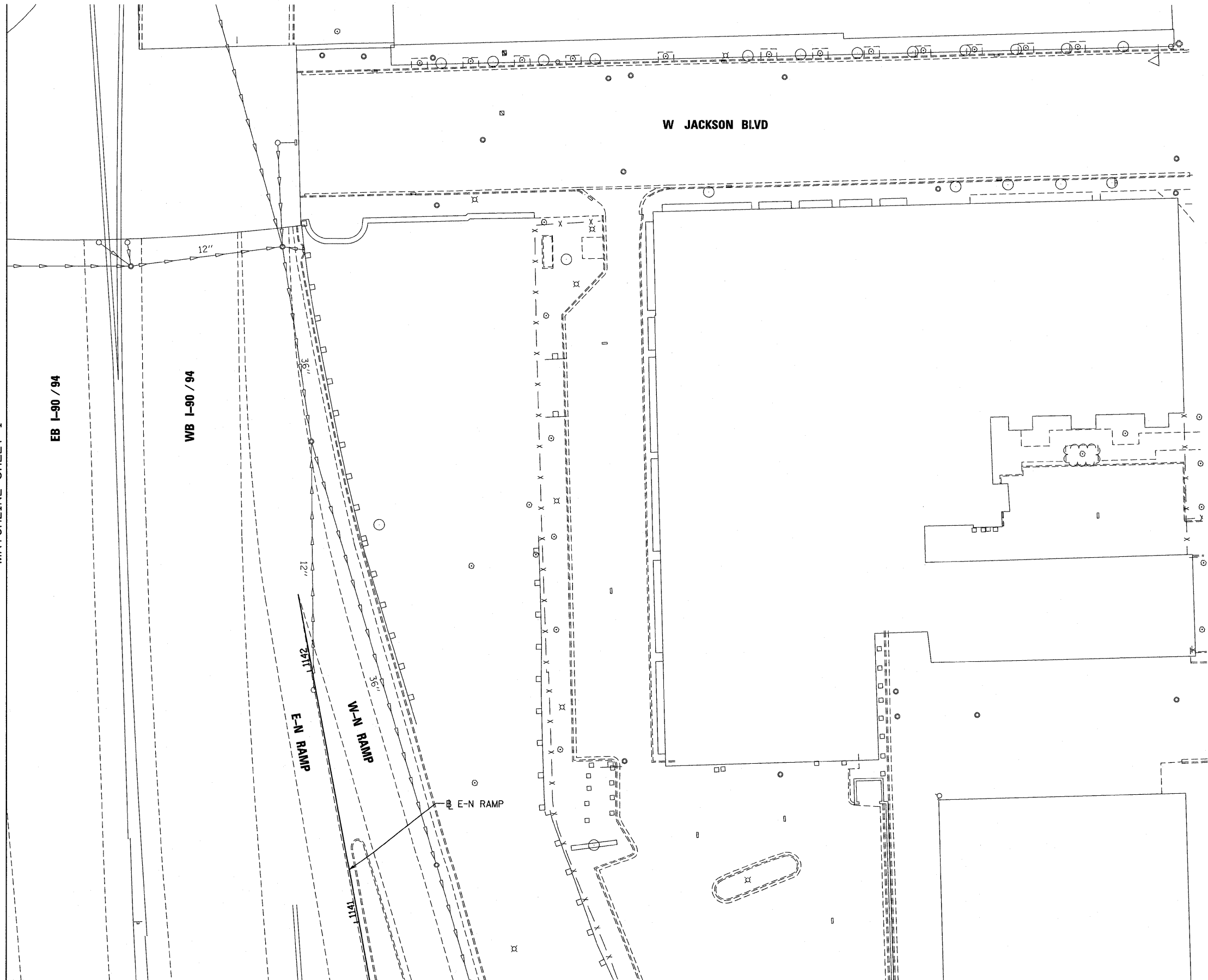
PROP CURVE SE_RMP_BL-1 PI STA = 1302+82.50 $\Delta = 5^\circ 11' 19''$ (LT) $D = 2^\circ 47' 23''$ $R = 2,053.83'$ $T = 93.06'$ $L = 186.00'$ $E = 2.11'$ $e = \text{-----}$ $T.R. = \text{-----}$ $S.E. RUN = \text{-----}$ $P.C. STA = 1301+89.43$ $P.T. STA = 1303+75.43$	PROP CURVE SE_RMP_BL-2 PI STA = 1305+82.18 $\Delta = 62^\circ 39' 07''$ (RT) $D = 37^\circ 50' 28''$ $R = 151.41'$ $T = 92.15'$ $L = 165.57'$ $E = 25.84'$ $e = \text{-----}$ $T.R. = \text{-----}$ $S.E. RUN = \text{-----}$ $P.C. STA = 1304+90.03$ $P.T. STA = 1306+55.59$	PROP CURVE SE_RMP_BL-3 PI STA = 1307+83.75 $\Delta = 23^\circ 42' 30''$ (LT) $D = 34^\circ 30' 32''$ $R = 166.03'$ $T = 34.85'$ $L = 68.70'$ $E = 3.62'$ $e = \text{-----}$ $T.R. = \text{-----}$ $S.E. RUN = \text{-----}$ $P.C. STA = 1307+48.90$ $P.T. STA = 1308+17.61$
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PROP CURVE EN_RMP_BL-1 PI STA = 1121+44.05 $\Delta = 8^\circ 10' 06''$ (LT) $D = 4^\circ 27' 36''$ $R = 1,284.66'$ $T = 91.73'$ $L = 183.15'$ $E = 3.27'$ $e = \text{-----}$ $T.R. = \text{-----}$ $S.E. RUN = \text{-----}$ $P.C. STA = 1120+52.32$ $P.T. STA = 1122+35.47$	PROP CURVE EN_RMP_BL-2 PI STA = 1124+28.37 $\Delta = 49^\circ 05' 09''$ (RT) $D = 24^\circ 11' 32''$ $R = 236.83'$ $T = 108.15'$ $L = 202.90'$ $E = 23.52'$ $e = \text{-----}$ $T.R. = \text{-----}$ $S.E. RUN = \text{-----}$ $P.C. STA = 1123+20.22$ $P.T. STA = 1125+23.12$	PROP CURVE EN_RMP_BL-3 PI STA = 1128+62.54 $\Delta = 78^\circ 13' 51''$ (LT) $D = 19^\circ 44' 08''$ $R = 290.32'$ $T = 236.07'$ $L = 396.40'$ $E = 83.86'$ $e = \text{-----}$ $T.R. = \text{-----}$ $S.E. RUN = \text{-----}$ $P.C. STA = 1126+26.48$ $P.T. STA = 1130+22.87$
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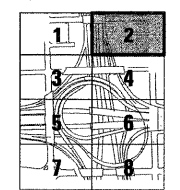
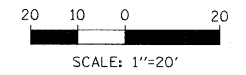
PROP CURVE EN_RMP_BL-4 PI STA = 1131+62.91 $\Delta = 53^\circ 02' 19''$ (LT) $D = 20^\circ 25' 01''$ $R = 280.63'$ $T = 140.03'$ $L = 259.78'$ $E = 33.00'$ $e = \text{-----}$ $T.R. = \text{-----}$ $S.E. RUN = \text{-----}$ $P.C. STA = 1130+22.87$ $P.T. STA = 1132+82.65$	PROP CURVE EN_RMP_BL-5 PI STA = 1134+32.05 $\Delta = 47^\circ 49' 39''$ (LT) $D = 17^\circ 00' 22''$ $R = 336.91'$ $T = 149.40'$ $L = 281.24'$ $E = 31.64'$ $e = \text{-----}$ $T.R. = \text{-----}$ $S.E. RUN = \text{-----}$ $P.C. STA = 1132+82.65$ $P.T. STA = 1135+63.89$	PROP CURVE EN_RMP_BL-6 PI STA = 1138+77.64 $\Delta = 30^\circ 46' 27''$ (RT) $D = 17^\circ 12' 50''$ $R = 332.85'$ $T = 91.60'$ $L = 178.77'$ $E = 12.37'$ $e = \text{-----}$ $T.R. = \text{-----}$ $S.E. RUN = \text{-----}$ $P.C. STA = 1137+86.04$ $P.T. STA = 1139+64.82$
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MATCHLINE SHEET 1



MATCHLINE SHEET 4



KEY MAP

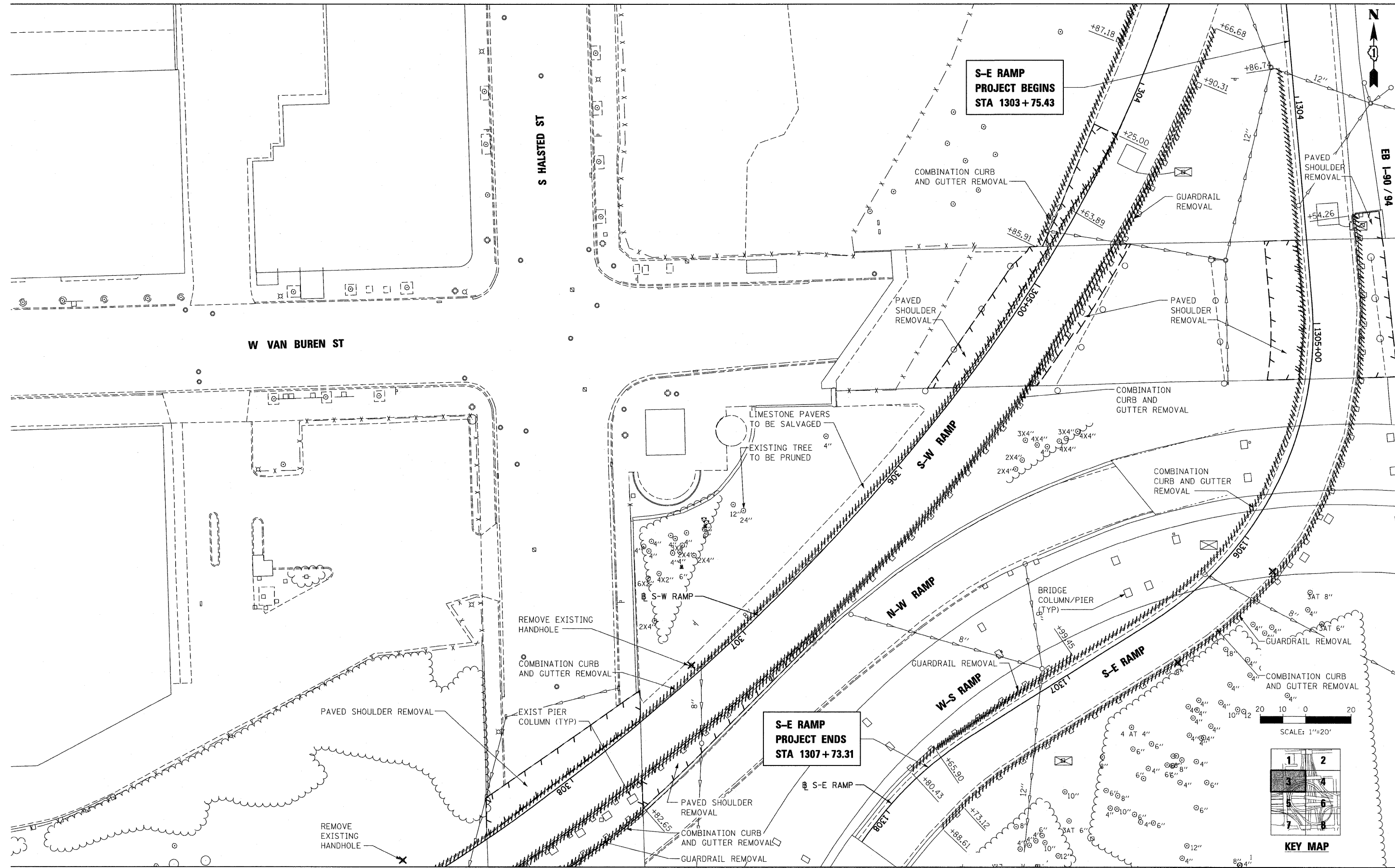
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	PLOT DATE = 9/8/2011	CHECKED - AAC	REVISED -
		DATE - 08/04/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING CONDITIONS AND REMOVAL PLAN

SCALE: 1"=20' SHEET NO. 2 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 90/94 7290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 10
CONTRACT NO. 60P67				
ILLINOIS FED. AID PROJECT				



FILE NAME = 10_D68P67-shr-rem03.dgn

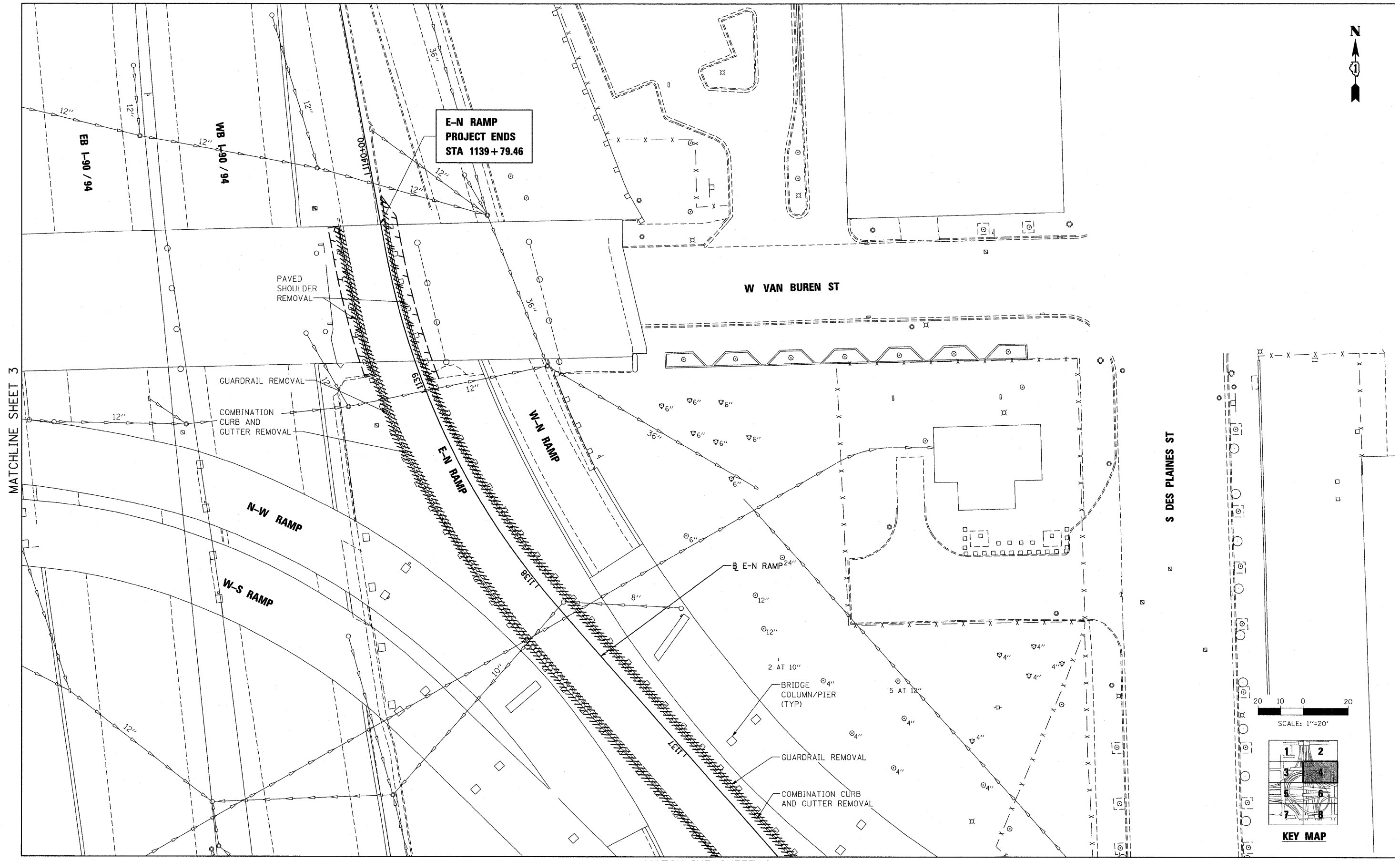
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PLOT DATE = 9/8/2011	CHECKED - AAC	REVISED -
	DATE - 08/04/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS AND REMOVAL PLAN

SCALE: 1"=20' SHEET NO. 3 OF 8 SHEETS STA. TO STA.

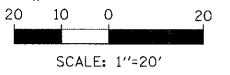
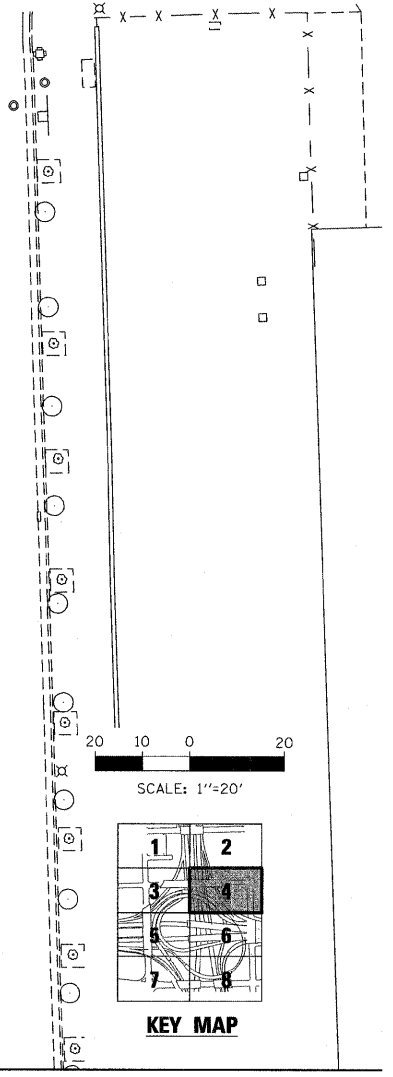
F.A.I. RTE. 94	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60P67	



MATCHLINE SHEET 3

S DES PLAINES ST

W VAN BUREN ST



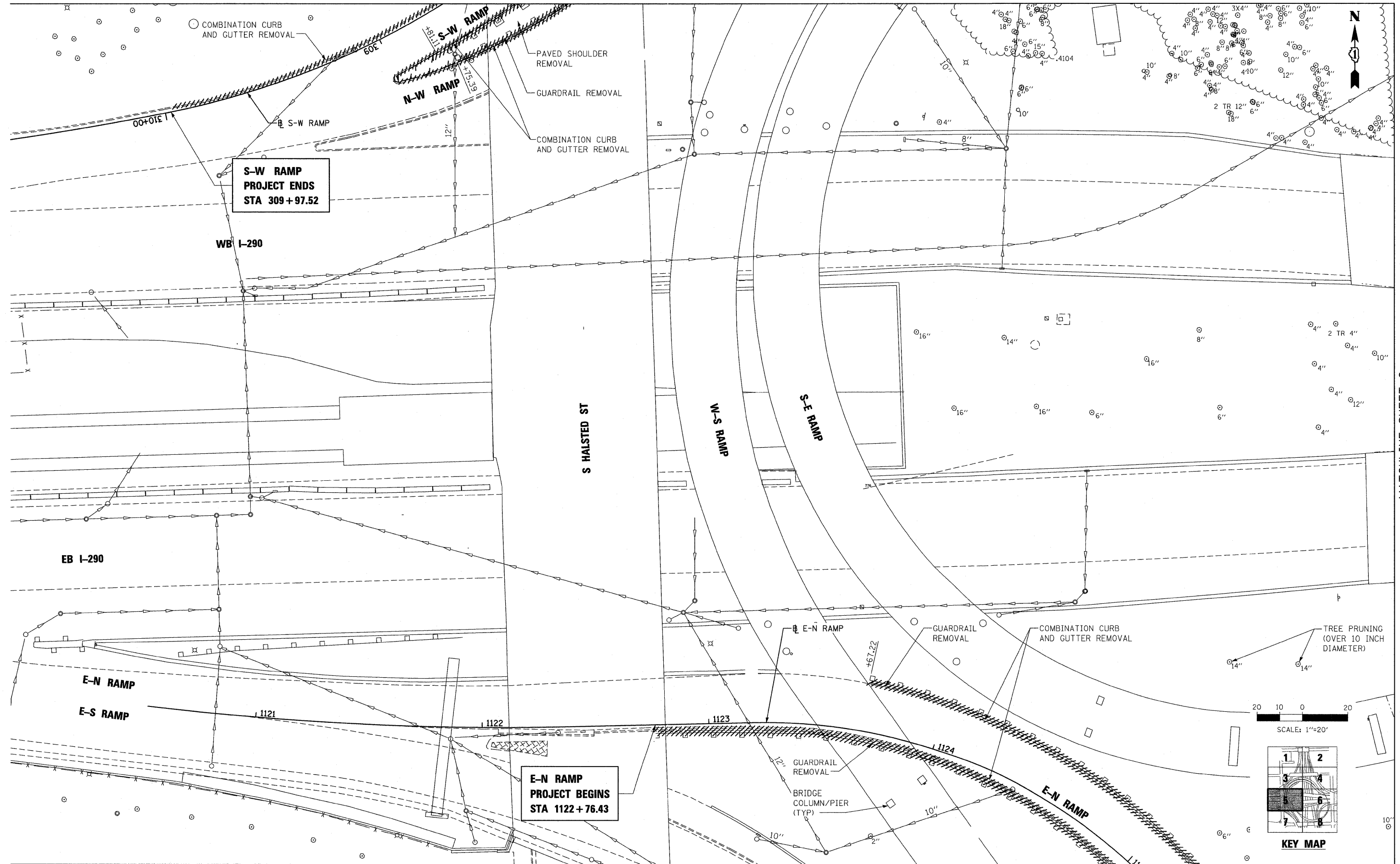
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		CHECKED - AAC	REVISED -
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PLOT SCALE = 1:20			
PLOT DATE = 9/8/2011			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

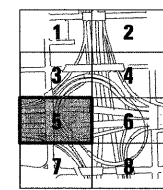
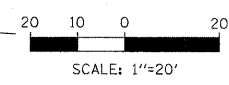
EXISTING CONDITIONS AND REMOVAL PLAN

SCALE: 1"=20' SHEET NO. 4 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 90/94 7290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 12
CONTRACT NO. 60P67				
ILLINOIS FED. AID PROJECT				



MATCHLINE SHEET 6



KEY MAP

FILE NAME = 12.D68P67-sht-rem05.dgn

USER NAME = USER:3690
 PLOT SCALE = 1:20
 PLOT DATE = 9/8/2011

DESIGNED - DLD
 DRAWN - ED
 CHECKED - AAC
 DATE - 08/04/11

REVISED -
 REVISED -
 REVISED -
 REVISED -

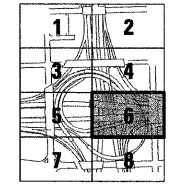
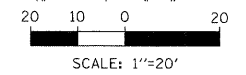
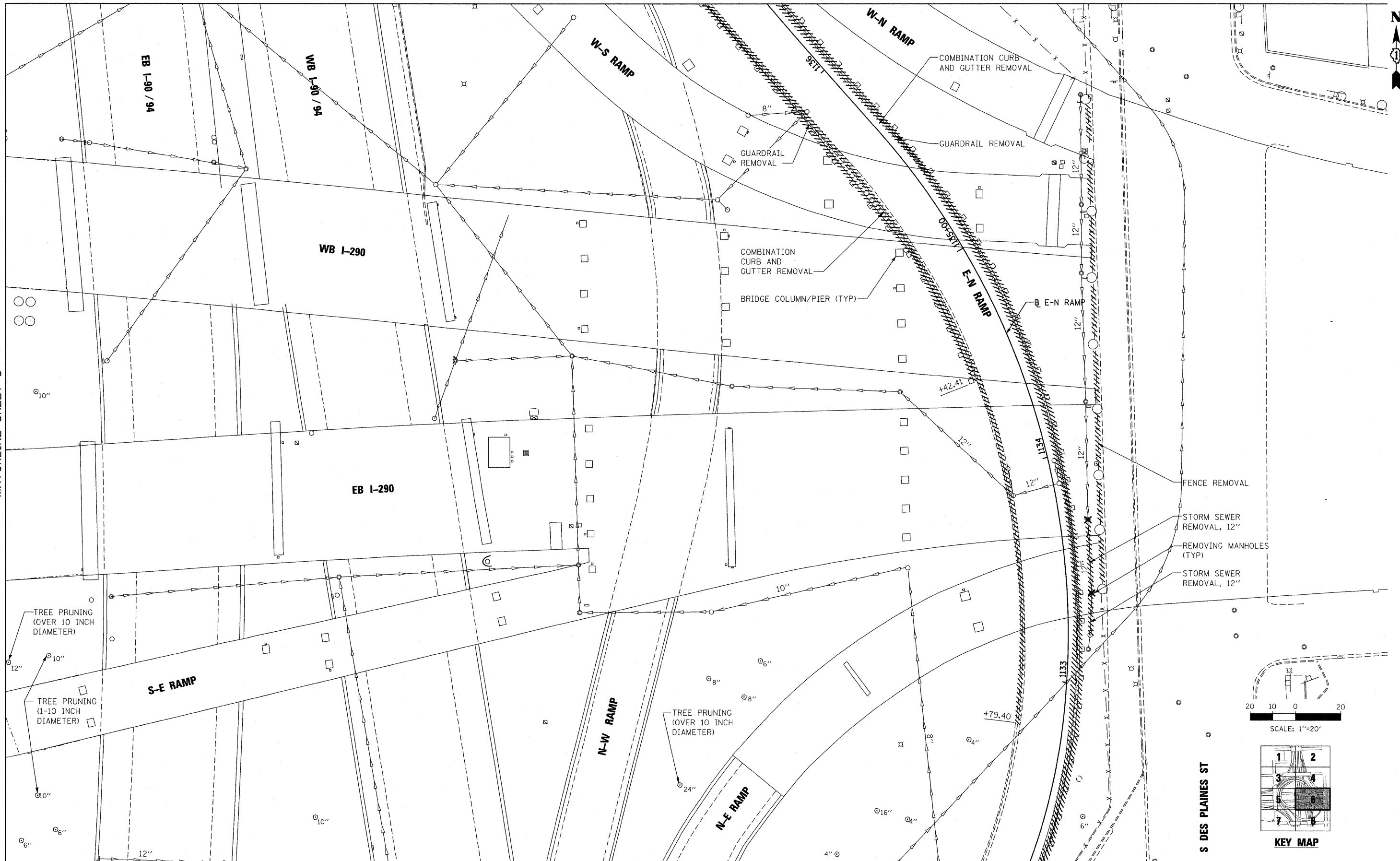
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS AND REMOVAL PLAN

SCALE: 1"=20' SHEET NO. 5 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/7290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 13
			CONTRACT NO. 60P67	

ILLINOIS FED. AID PROJECT



KEY MAP

FILE NAME = 13.D68P67-ah-rem06.dgn

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 PLOT SCALE = 1:20
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DESIGNED - DLD
 DRAWN - ED
 CHECKED - AAC
 DATE - 08/04/11

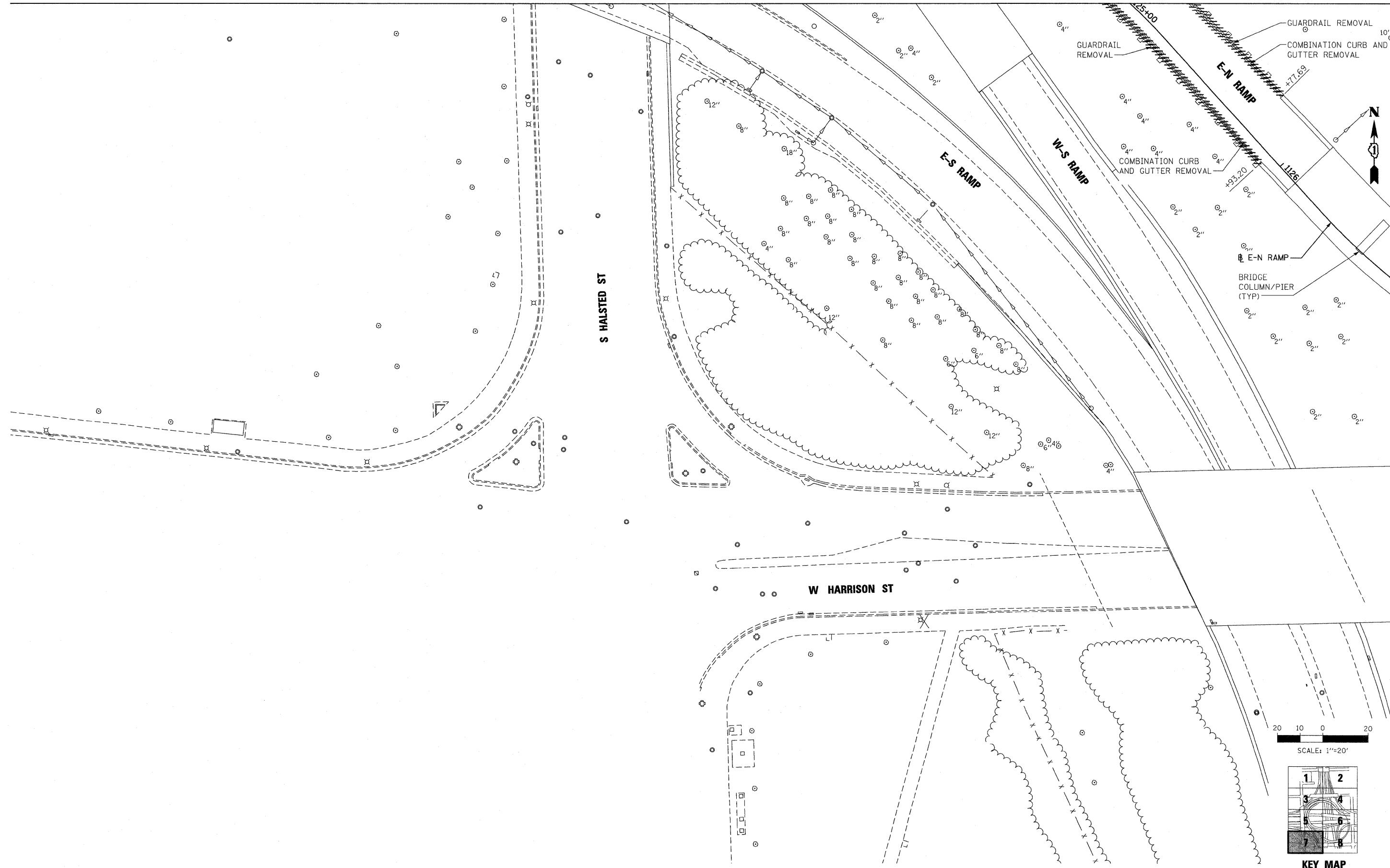
REVISED -
 REVISED -
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

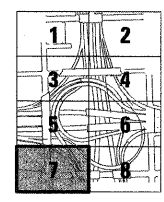
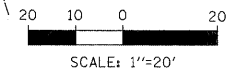
EXISTING CONDITIONS AND REMOVAL PLAN

SCALE: 1"=20' SHEET NO. 6 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 14
				CONTRACT NO. 60P67
ILLINOIS FED. AID PROJECT				



MATCHLINE SHEET 8



KEY MAP

FILE NAME = 14.D68P67-sht-rem07.dgn

USER NAME = USER:3698	DESIGNED - DLD	REVISED -
PLOT SCALE = 1:20	DRAWN - ED	REVISED -
PLOT DATE = 9/8/2011	CHECKED - AAC	REVISED -
	DATE - 08/04/11	REVISED -

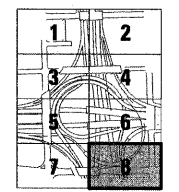
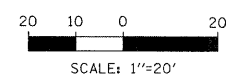
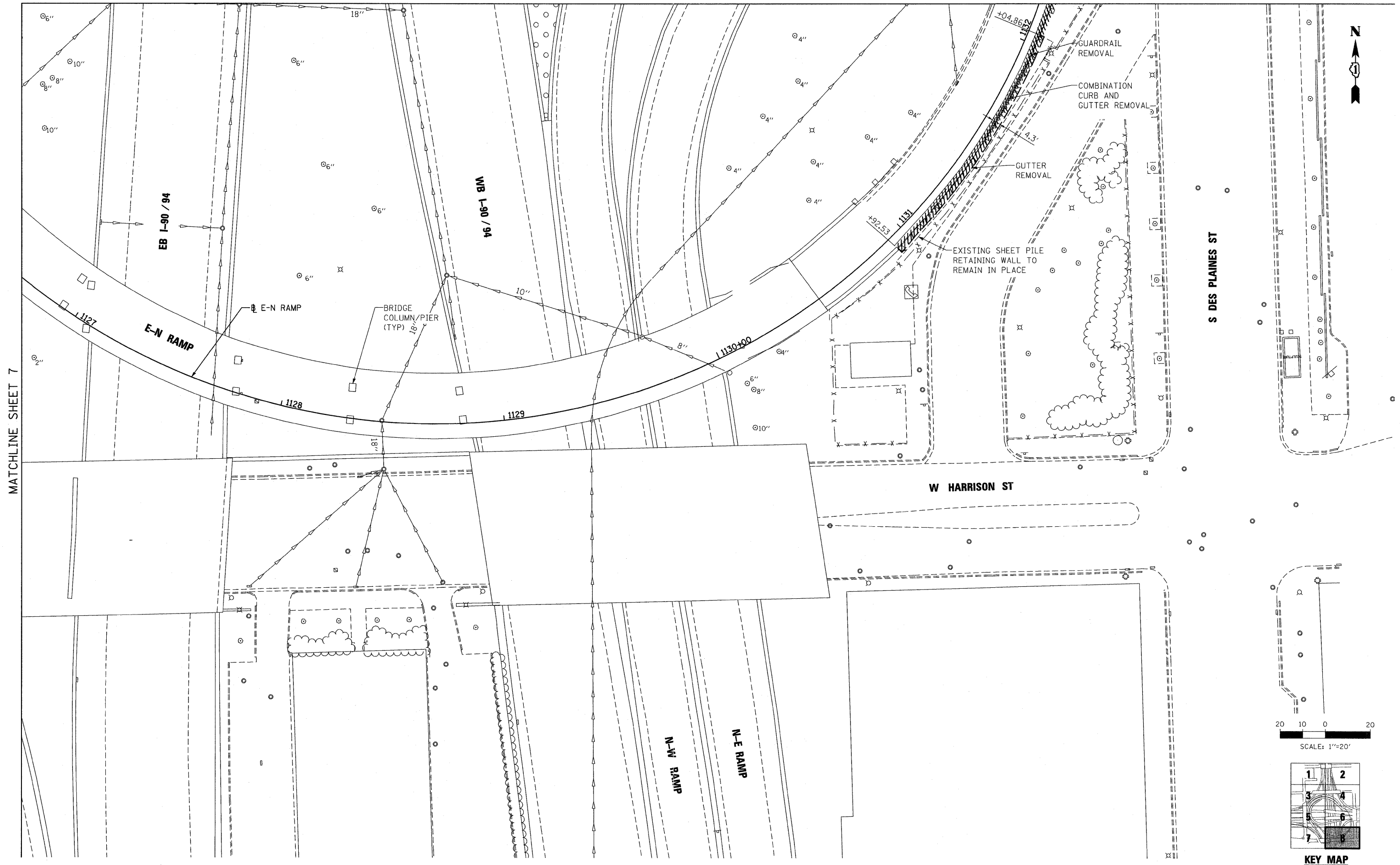
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING CONDITIONS AND REMOVAL PLAN

SCALE: 1"=20' SHEET NO. 7 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/7290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 15
				CONTRACT NO. 60P67

ILLINOIS FED. AID PROJECT



FILE NAME = 15_D60P67-shr-rem08.dgn

USER NAME = USER:3690	DESIGNED - DLD	REVISED -
PLOT SCALE = 1:20	DRAWN - ED	REVISED -
PLOT DATE = 9/8/2011	CHECKED - AAC	REVISED -
	DATE - 08/04/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

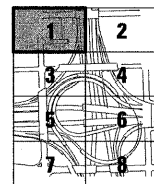
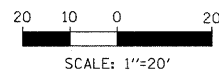
EXISTING CONDITIONS AND REMOVAL PLAN

SCALE: 1"=20' SHEET NO. 8 OF 8 SHEETS STA. TO STA.

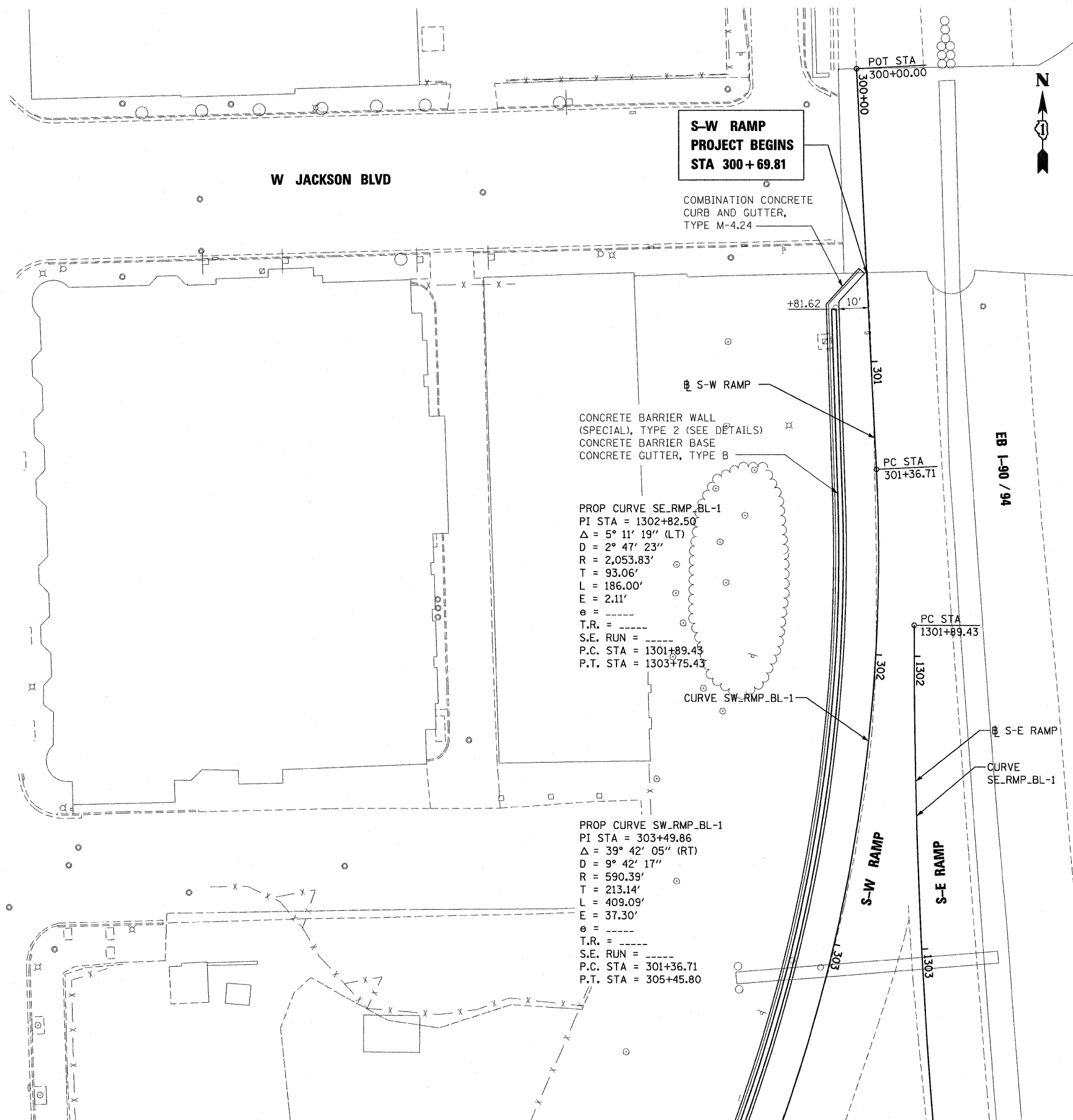
F.A.I. RTE. 90/94 7250	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 16
CONTRACT NO. 60P67				
ILLINOIS FED. AID PROJECT				

NOTES:

1. CONCRETE BARRIER WALL TAPER RATES SHALL NOT EXCEED 1:10.



KEY MAP



**S-W RAMP
PROJECT BEGINS
STA 300+69.81**

COMBINATION CONCRETE
CURB AND GUTTER,
TYPE M-4.24

CONCRETE BARRIER WALL
(SPECIAL), TYPE 2 (SEE DETAILS)
CONCRETE BARRIER BASE
CONCRETE GUTTER, TYPE B

PROP CURVE SE_RMP.BL-1
PI STA = 1302+82.50
 $\Delta = 5^\circ 11' 19''$ (LT)
D = $2^\circ 47' 23''$
R = 2,053.83'
T = 93.06'
L = 186.00'
E = 2.11'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 1301+89.43
P.T. STA = 1303+75.43

PROP CURVE SW_RMP.BL-1
PI STA = 303+49.86
 $\Delta = 39^\circ 42' 05''$ (RT)
D = $9^\circ 42' 17''$
R = 590.39'
T = 213.14'
L = 409.09'
E = 37.30'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 301+36.71
P.T. STA = 305+45.80

MATCHLINE SHEET 3

MATCHLINE SHEET 2

FILE NAME = 16_D60P67-sht-plan01.dgn	USER NAME = USER:3690	DESIGNED - DLD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ROADWAY PLAN			F.A.I. RTE. 90/94 7250	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 17
PLOT SCALE = 1:20	PLOT DATE = 9/8/2011	DRAWN - ED	REVISED -		SCALE: 1"=20'	SHEET NO. 1 OF 8 SHEETS	STA.	TO STA.	CONTRACT NO. 60P67			
CHECKED - AAC	DATE - 08/04/11	REVISOR -	REVISOR -		ILLINOIS FED. AID PROJECT							

MATCHLINE SHEET 1

EB I-90 / 94

WB I-90 / 94

W JACKSON BLVD

POT STA 1142+30.10

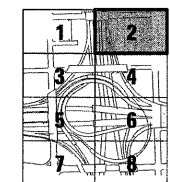
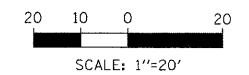
241'

E-N RAMP

W-N RAMP

E-N RAMP

1141



KEY MAP

MATCHLINE SHEET 4

FILE NAME =
17_D60P67-sht-plan02.dgn

USER NAME = USER:3690

DESIGNED - DLD

REVISED -

DRAWN - ED

REVISED -

CHECKED - AAC

REVISED -

DATE - 08/04/11

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ROADWAY PLAN

SCALE: 1"=20'

SHEET NO. 2 OF 8 SHEETS

STA.

TO STA.

F.A.I.
RTE.
90/94
7290

SECTION
2011-055-I

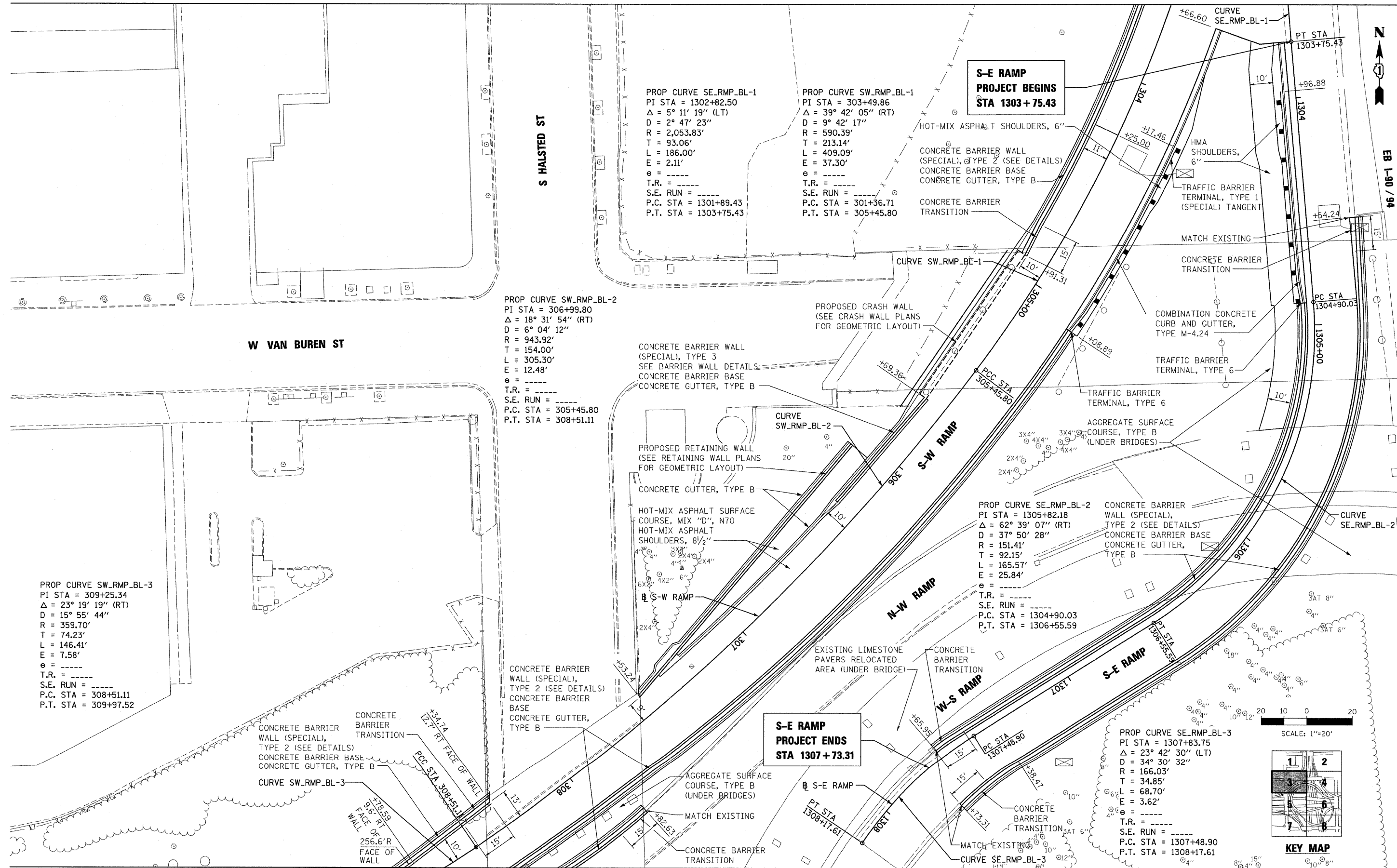
COUNTY
COOK

TOTAL SHEETS
107

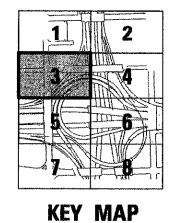
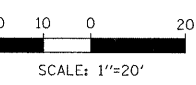
SHEET NO.
18

CONTRACT NO. 60P67

ILLINOIS FED. AID PROJECT



FILE NAME = 18_060P67-shr-plan03.dgn	USER NAME = USER:3690	DESIGNED - DLD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ROADWAY PLAN		F.A.I. RTE. 90/94/7290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 19	
PLOT SCALE = 1:20	PLOT DATE = 9/8/2011	DRAWN - ED	REVISED -		SCALE: 1"=20'	SHEET NO. 3 OF 8 SHEETS	STA. TO STA.	CONTRACT NO. 60P67				
		CHECKED - AAC	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 08/04/11	REVISED -									



MATCHLINE SHEET 4

EB 1-90 / 94

S HALSTED ST

W VAN BUREN ST

PROP CURVE SE_RMP_BL-1
PI STA = 1302+82.50
Δ = 5° 11' 19" (LT)
D = 2° 47' 23"
R = 2,053.83'
T = 93.06'
L = 186.00'
E = 2.11'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 1301+89.43
P.T. STA = 1303+75.43

PROP CURVE SW_RMP_BL-1
PI STA = 303+49.86
Δ = 39° 42' 05" (RT)
D = 9° 42' 17"
R = 590.39'
T = 213.14'
L = 409.09'
E = 37.30'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 301+36.71
P.T. STA = 305+45.80

PROP CURVE SW_RMP_BL-2
PI STA = 306+99.80
Δ = 18° 31' 54" (RT)
D = 6° 04' 12"
R = 943.92'
T = 154.00'
L = 305.30'
E = 12.48'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 305+45.80
P.T. STA = 308+51.11

**S-E RAMP
PROJECT BEGINS
STA 1303 + 75.43**

**S-E RAMP
PROJECT ENDS
STA 1307 + 73.31**

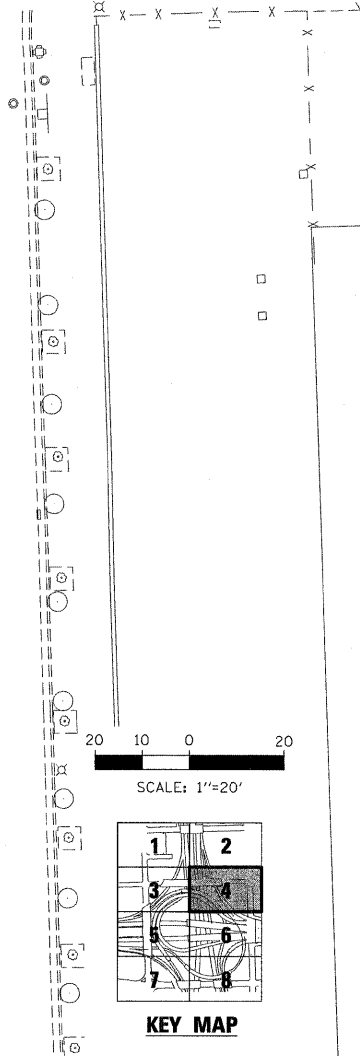
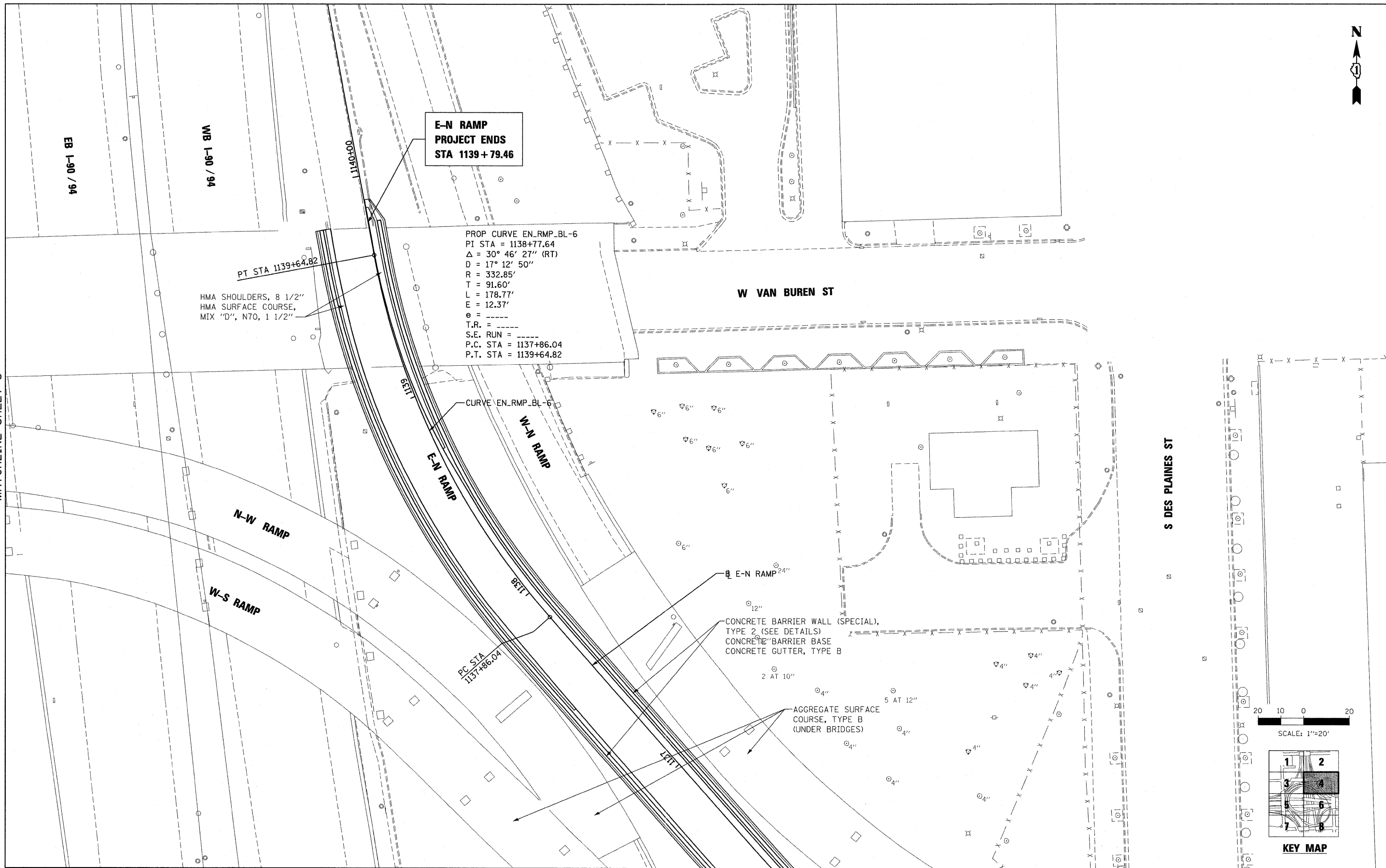
PROP CURVE SW_RMP_BL-3
PI STA = 309+25.34
Δ = 23° 19' 19" (RT)
D = 15° 55' 44"
R = 359.70'
T = 74.23'
L = 146.41'
E = 7.58'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 308+51.11
P.T. STA = 309+97.52

PROP CURVE SE_RMP_BL-2
PI STA = 1305+82.18
Δ = 62° 39' 07" (RT)
D = 37° 50' 28"
R = 151.41'
T = 92.15'
L = 165.57'
E = 25.84'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 1304+90.03
P.T. STA = 1306+55.59

PROP CURVE SE_RMP_BL-3
PI STA = 1307+83.75
Δ = 23° 42' 30" (LT)
D = 34° 30' 32"
R = 166.03'
T = 34.85'
L = 68.70'
E = 3.62'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA = 1307+48.90
P.T. STA = 1308+17.61



MATCHLINE SHEET 3



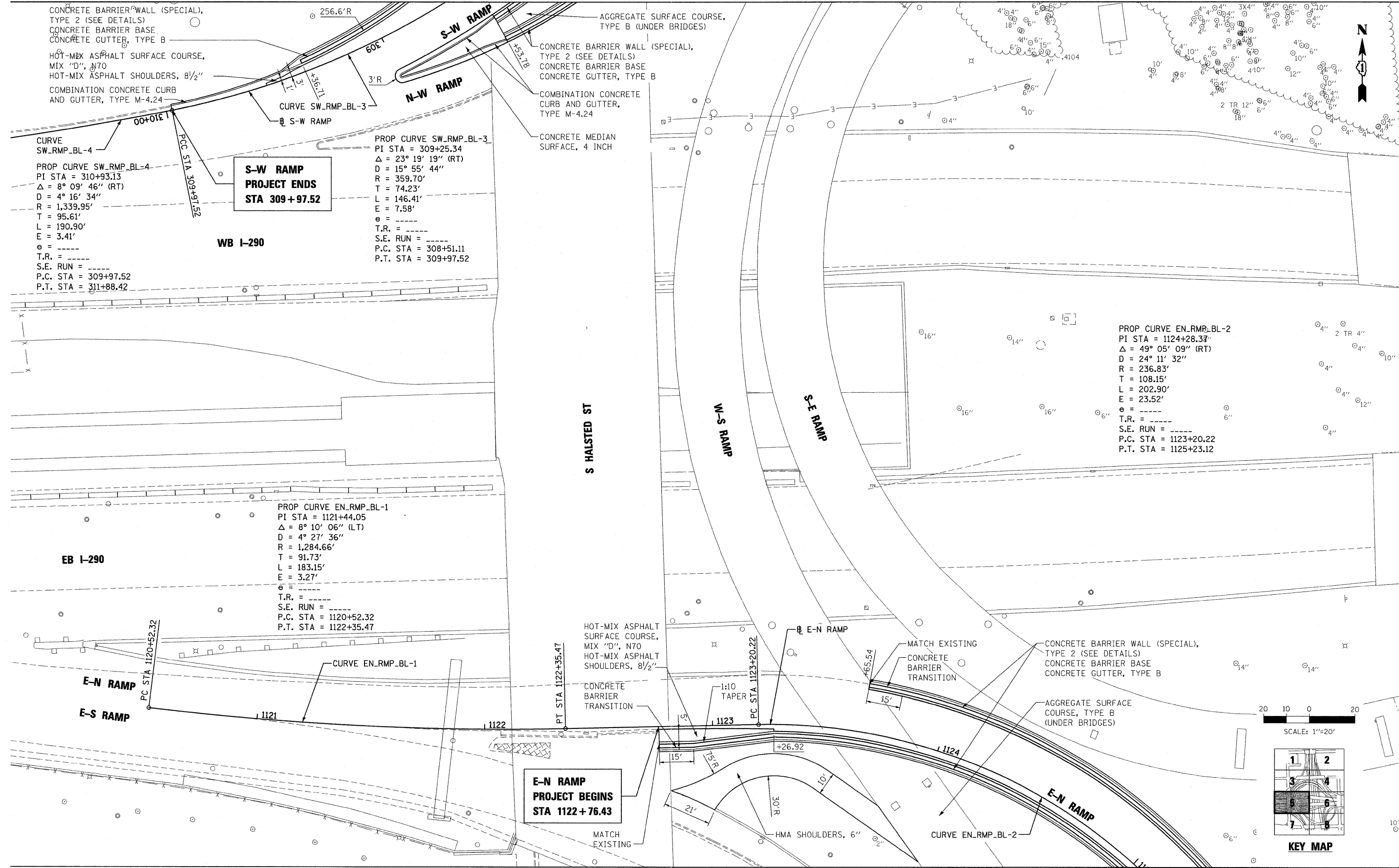
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		DRAWN - ED	REVISED -
		CHECKED - AAC	REVISED -
		DATE - 08/04/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

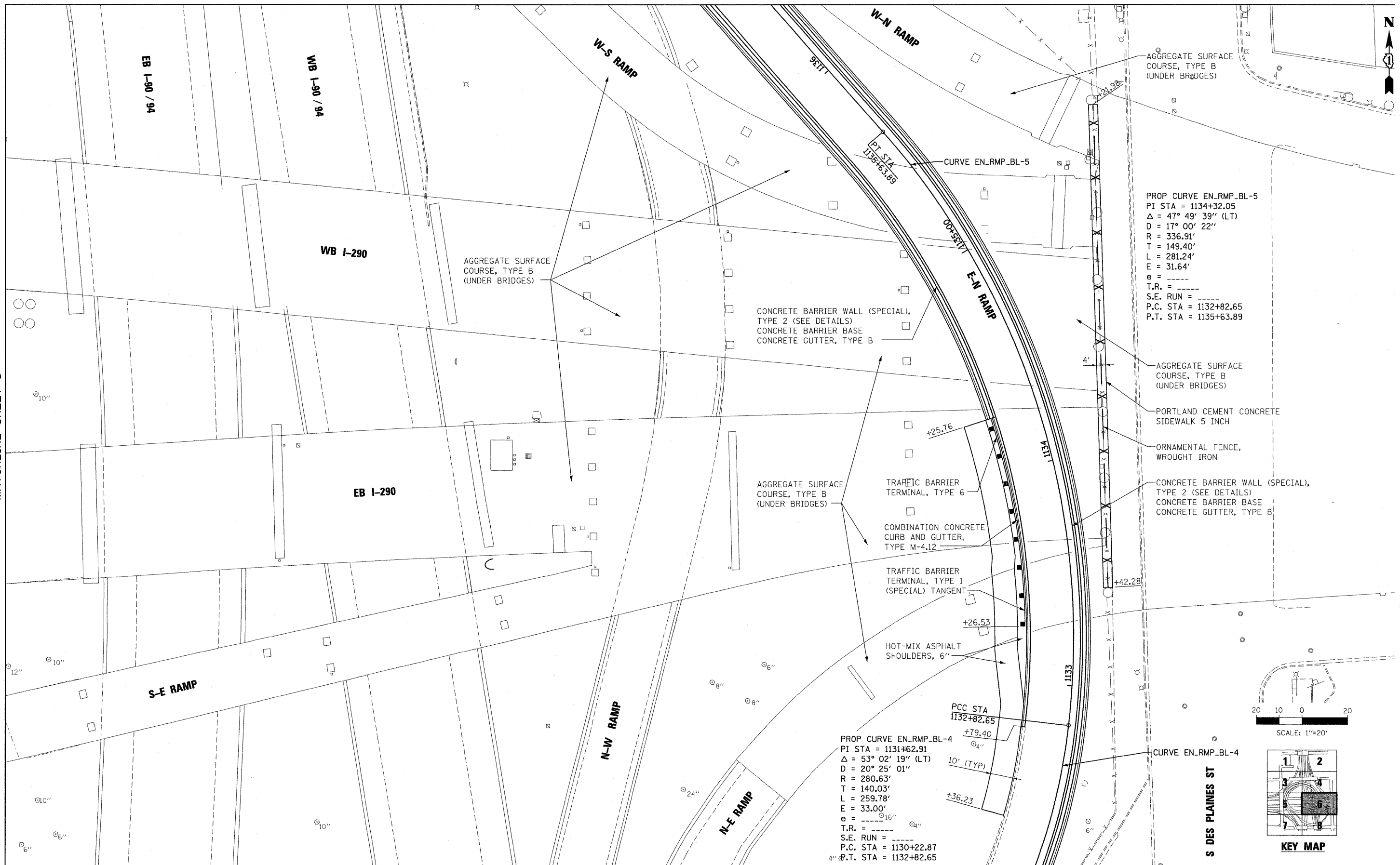
PROPOSED ROADWAY PLAN			
SCALE: 1"=20'	SHEET NO. 4 OF 8 SHEETS	STA.	TO STA.

F.A.I. RTE. 90/94 7290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 20
ILLINOIS FED. AID PROJECT				

CONTRACT NO. 60P67

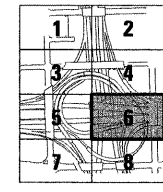
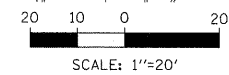


FILE NAME = 20_D60P67-sht-plan05.dgn	USER NAME = USER13690	DESIGNED - DLD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ROADWAY PLAN			F.A.I. RTE. 90/294/2250	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 21
PLOT SCALE = 1:20	CHECKED - AAC	DRAWN - ED	REVISED -		SCALE: 1"=20'	SHEET NO. 5 OF 8 SHEETS	STA.	TO STA.	CONTRACT NO. 60P67			
PLOT DATE = 9/8/2011	DATE - 08/04/11		REVISED -		ILLINOIS FED. AID PROJECT							



PROP CURVE EN_RMP.BL-5
 PI STA = 1134+32.05
 $\Delta = 47^\circ 49' 39''$ (LT)
 $D = 17^\circ 00' 22''$
 $R = 336.91'$
 $T = 149.40'$
 $L = 281.24'$
 $E = 31.64'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 $P.C. STA = 1132+82.65$
 $P.T. STA = 1135+63.89$

PROP CURVE EN_RMP.BL-4
 PI STA = 1131+62.91
 $\Delta = 53^\circ 02' 19''$ (LT)
 $D = 20^\circ 25' 01''$
 $R = 280.63'$
 $T = 140.03'$
 $L = 259.78'$
 $E = 33.00'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 $P.C. STA = 1130+22.87$
 $P.T. STA = 1132+82.65$



KEY MAP

FILE NAME = 21.D60P67-sh1-plan06.dgn	USER NAME = USER:3690	DESIGNED - DLD	REVISED -
		DRAWN - ED	REVISED -
		CHECKED - AAC	REVISED -
		DATE - 08/04/11	REVISED -
PLOT SCALE = 1:20			
PLOT DATE = 9/8/2011			

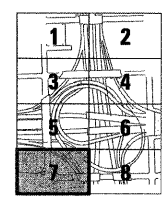
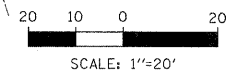
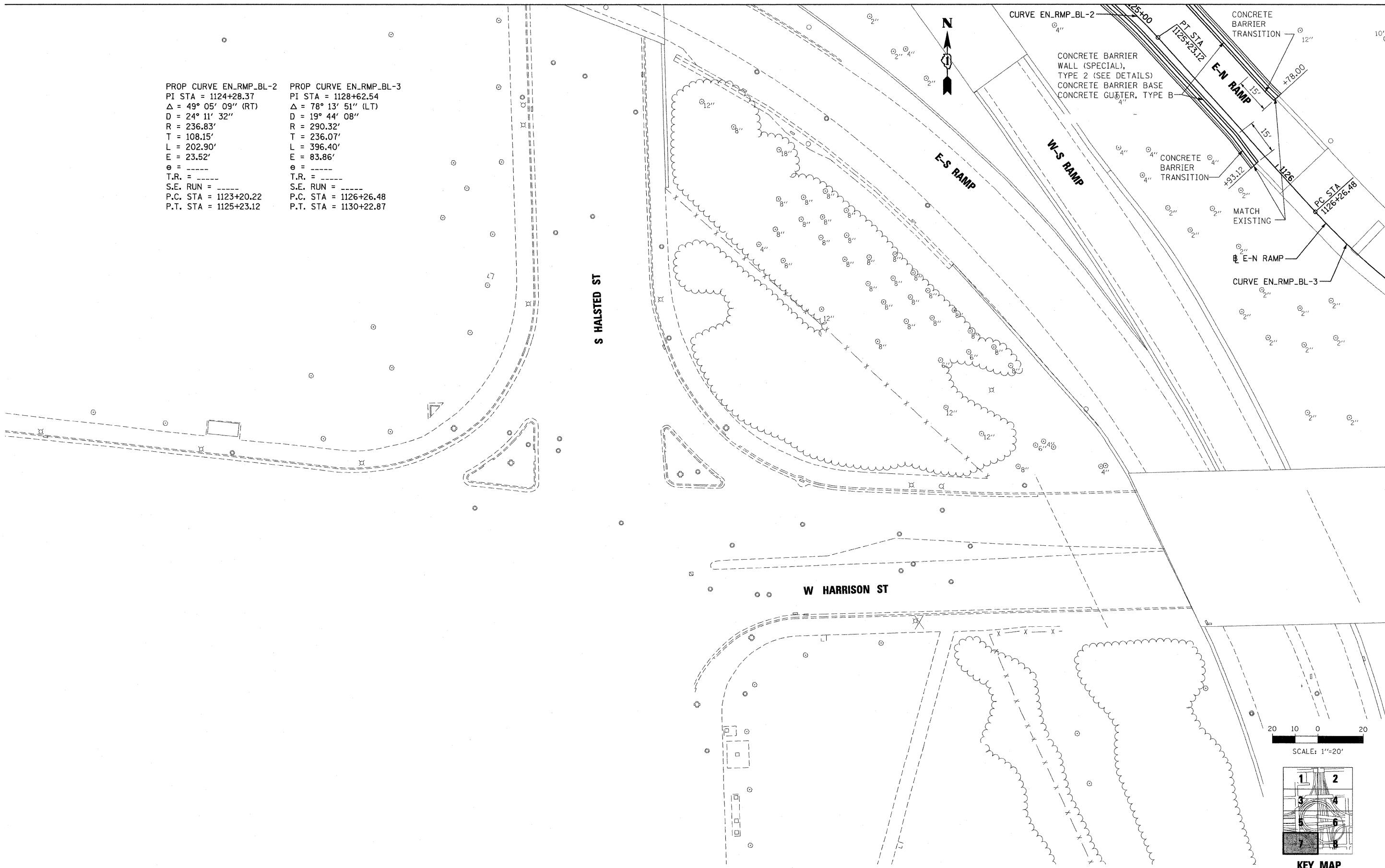
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ROADWAY PLAN

SCALE: 1"=20' SHEET NO. 6 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 90/94 7290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 10	SHEET NO. 22
				CONTRACT NO. 60P67
ILLINOIS FED. AID PROJECT				

PROP CURVE EN_RMP_BL-2 PI STA = 1124+28.37 Δ = 49° 05' 09" (RT) D = 24° 11' 32" R = 236.83' T = 108.15' L = 202.90' E = 23.52' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA = 1123+20.22 P.T. STA = 1125+23.12	PROP CURVE EN_RMP_BL-3 PI STA = 1128+62.54 Δ = 78° 13' 51" (LT) D = 19° 44' 08" R = 290.32' T = 236.07' L = 396.40' E = 83.86' e = ---- T.R. = ---- S.E. RUN = ---- P.C. STA = 1126+26.48 P.T. STA = 1130+22.87
---	---



KEY MAP

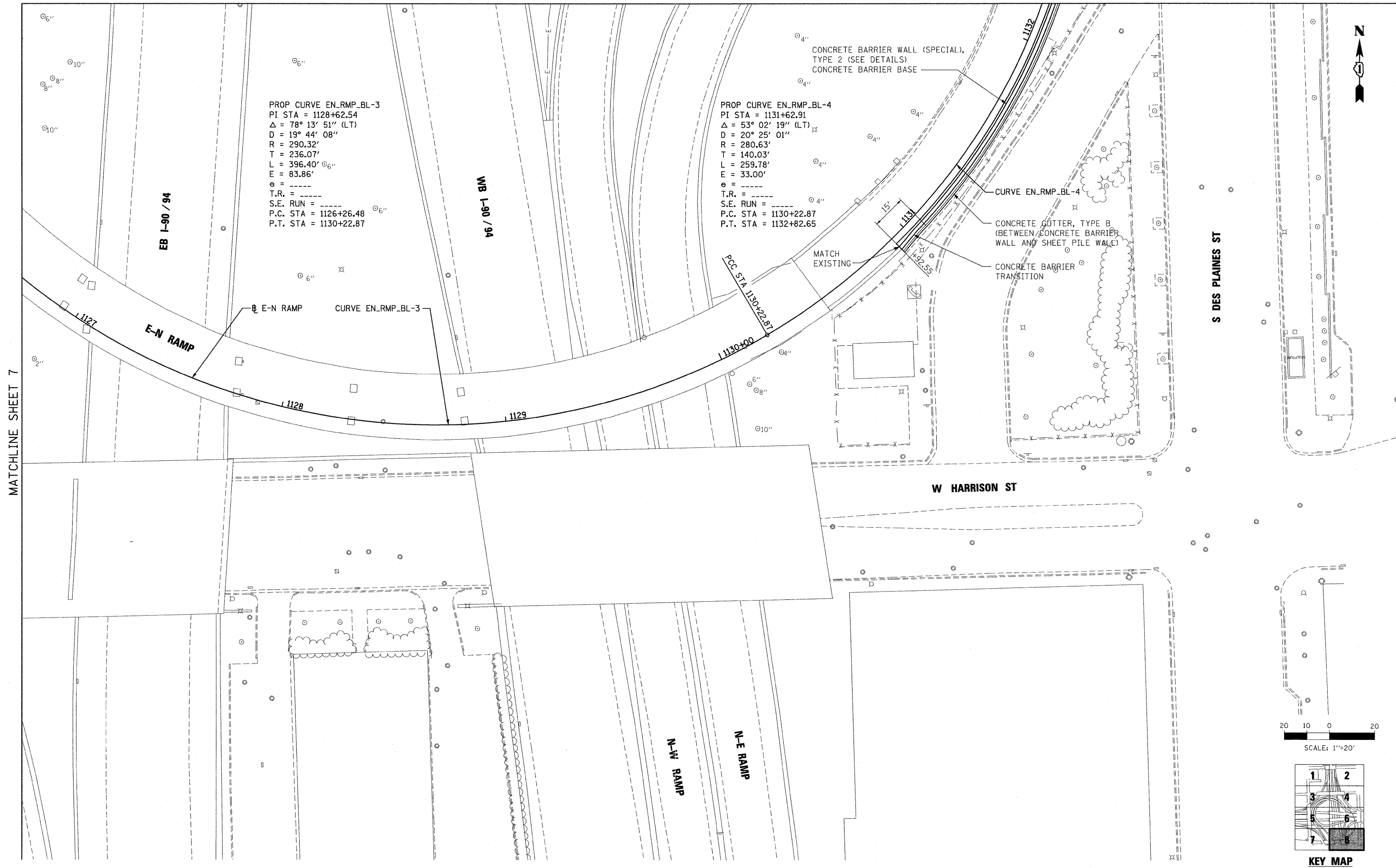
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		DRAWN - ED	REVISED -
		CHECKED - AAC	REVISED -
		DATE - 08/04/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

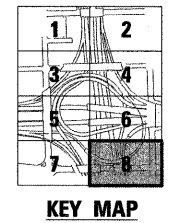
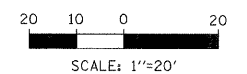
PROPOSED ROADWAY PLAN

SCALE: 1"=20' SHEET NO. 7 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 90794 7290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 23
				CONTRACT NO. 60P67
ILLINOIS FED. AID PROJECT				



MATCHLINE SHEET 7



FILE NAME = 23_D60P67-sht-plan08.dgn

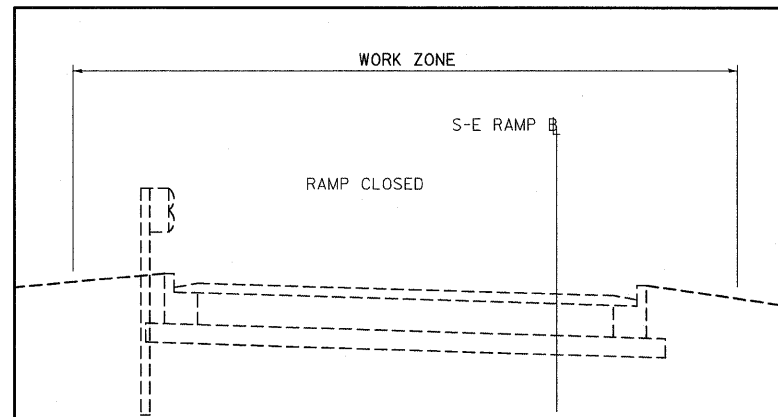
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PLOT DATE = 9/8/2011	CHECKED - AAC	REVISED -
	DATE - 08/04/11	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

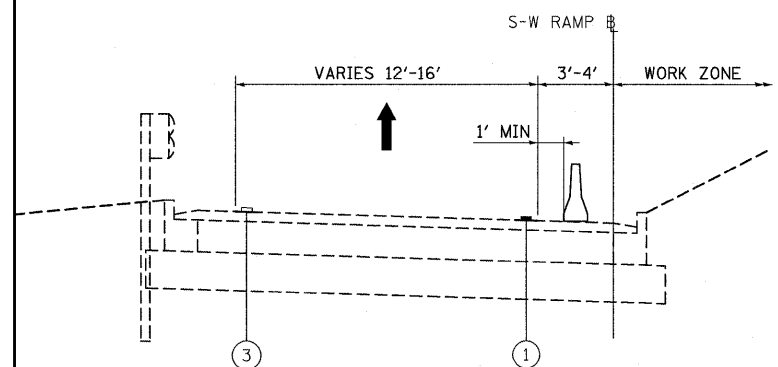
PROPOSED ROADWAY PLAN

SCALE: 1"=20' SHEET NO. 8 OF 8 SHEETS STA. TO STA.

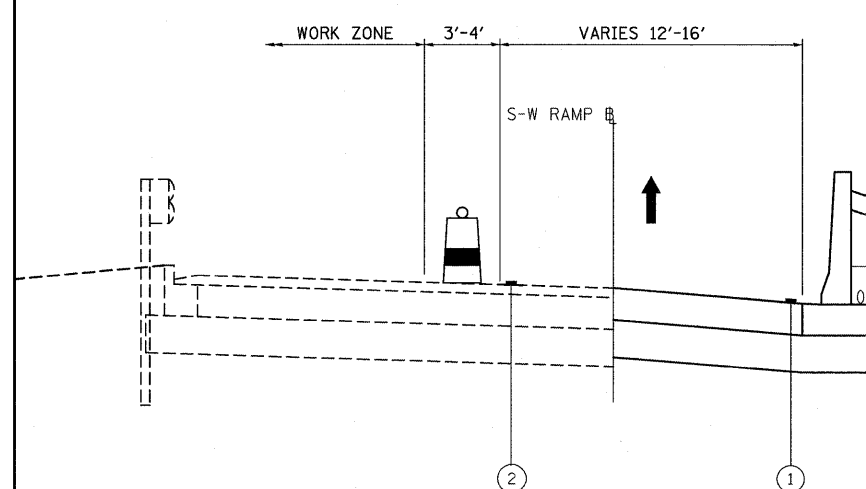
F.A.I. RTE. 90/94/250	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 24
CONTRACT NO. 60P67				
ILLINOIS FED. AID PROJECT				



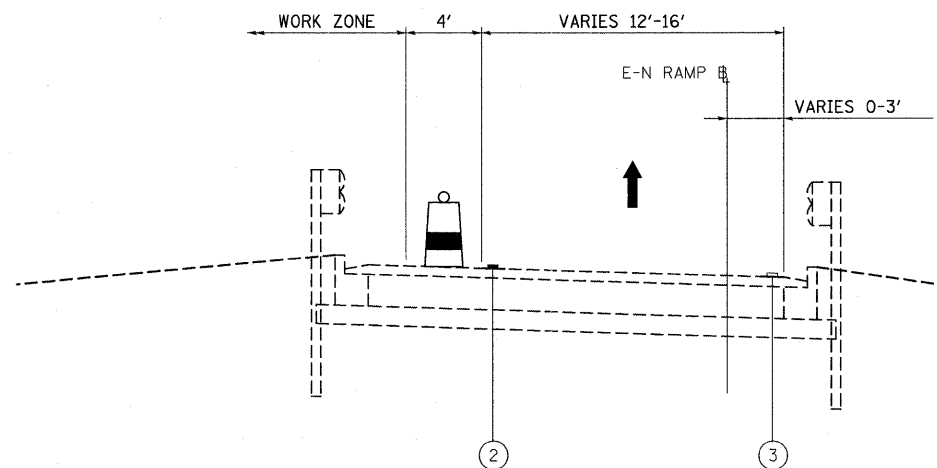
S-E RAMP MOT STAGE 1 & 2



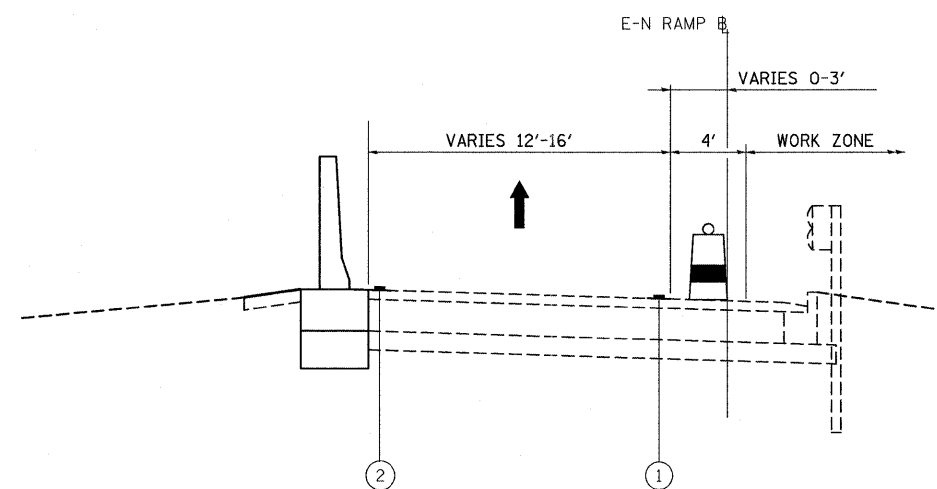
S-W RAMP MOT STAGE 1



S-W RAMP MOT STAGE 2



E-N RAMP MOT STAGE 1



E-N RAMP MOT STAGE 2

LEGEND:

- EXISTING PAVEMENT MARKING
- WET REFLECTIVE TEMPORARY TAPE, TYPE III
- PLASTIC DRUMS @
50' C-C WITH STEADY BURN LIGHTS
50' C-C ON TANGENTS
25' C-C ON TAPERS AND LANE SHIFTS
25' C-C ON RAMP GORES
- TRAFFIC DIRECTION
- TEMPORARY CONCRETE BARRIER

MOT PAVEMENT MARKING LEGEND:

- WET REFLECTIVE TEMPORARY TAPE, TYPE III 4" (WHITE)
- WET REFLECTIVE TEMPORARY TAPE, TYPE III 4" (YELLOW)
- EXISTING PAVEMENT MARKING

S - E RAMP SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1 & 2

STAGING:

1. MAINTAIN RAMP CLOSURE FROM CONTRACT 60D61, CONGRESS PARKWAY BRIDGE REHABILITATION. SEE SPECIAL PROVISIONS FOR INTERIM COMPLETION DATE AND CONTRACTOR COOPERATION.

CONSTRUCTION:

1. REMOVE EXISTING GUARDRAIL AND CURB AND GUTTER TO THE LIMITS SHOWN ON THE PLANS.
2. CONSTRUCT PROPOSED BARRIER WALL, GUARDRAIL, AND CURB AND GUTTER AS SHOWN ON THE PLANS.

S - W RAMP SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1

STAGING:

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES, TEMPORARY CONCRETE BARRIER WALL AND SIGNING. REMOVE CONFLICTING PAVEMENT MARKINGS. INSTALL PAVEMENT MARKING TAPE AS SHOWN ON THE PLANS.
2. SHIFT LANE TOWARDS THE INSIDE AS SHOWN ON THE PLANS.
3. UTILIZE DISTRICT DETAIL TC-17 FOR PARTIAL CLOSURES ON RAMPS.
4. UTILIZE DISTRICT DETAIL TC-18 FOR SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS.

CONSTRUCTION:

1. REMOVE EXISTING GUARDRAIL AND CURB AND GUTTER TO THE LIMITS SHOWN ON THE PLANS.
2. CONSTRUCT PROPOSED BARRIER WALL, CRASHWALL AND CURB AND GUTTER AS SHOWN ON THE PLANS.

S - W RAMP SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 2

STAGING:

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AND SIGNING. REMOVE CONFLICTING PAVEMENT MARKINGS. INSTALL PAVEMENT MARKING TAPE AS SHOWN ON THE PLANS.
2. SHIFT LANE TOWARDS THE OUTSIDE AS SHOWN ON THE PLANS.
3. UTILIZE DISTRICT DETAIL TC-17 FOR PARTIAL CLOSURES ON RAMPS.
4. UTILIZE DISTRICT DETAIL TC-18 FOR SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS.

CONSTRUCTION:

1. REMOVE EXISTING GUARDRAIL AND CURB AND GUTTER TO THE LIMITS SHOWN ON THE PLANS.
2. CONSTRUCT PROPOSED BARRIER WALL, GUARDRAIL, AND CURB AND GUTTER AS SHOWN ON THE PLANS.

E - N RAMP SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1

STAGING:

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AND SIGNING. REMOVE CONFLICTING PAVEMENT MARKINGS. INSTALL PAVEMENT MARKING TAPE AS SHOWN ON THE PLANS.
2. SHIFT LANE TOWARDS THE OUTSIDE AS SHOWN ON THE PLANS.
3. UTILIZE DISTRICT DETAIL TC-17 FOR PARTIAL CLOSURES ON RAMPS.
4. UTILIZE DISTRICT DETAIL TC-18 FOR SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS.

CONSTRUCTION:

1. REMOVE EXISTING GUARDRAIL AND CURB AND GUTTER TO THE LIMITS SHOWN ON THE PLANS.
2. CONSTRUCT PROPOSED BARRIER WALL, GUARDRAIL AND CURB AND GUTTER AS SHOWN ON THE PLANS.

E - N RAMP SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 2

STAGING:

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AND SIGNING. REMOVE CONFLICTING PAVEMENT MARKINGS. INSTALL PAVEMENT MARKING TAPE AS SHOWN ON THE PLANS.
2. SHIFT LANE TOWARDS THE INSIDE AS SHOWN ON THE PLANS.
3. UTILIZE DISTRICT DETAIL TC-17 FOR PARTIAL CLOSURES ON RAMPS.
4. UTILIZE DISTRICT DETAIL TC-18 FOR SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS.
5. UTILIZE HIGHWAY STANDARD 701401 FOR AN EXPRESSWAY LANE CLOSURE ON EB CONGRESS PARKWAY TO CLEAN AND REPAIR DRAINAGE SCUPPER. THIS WORK SHALL BE COORDINATED WITH CONTRACT 60D61, CONGRESS PARKWAY BRIDGE REHABILITATION.

CONSTRUCTION:

1. REMOVE EXISTING GUARDRAIL AND CURB AND GUTTER TO THE LIMITS SHOWN ON THE PLANS.
2. INSTALL DRAINAGE STRUCTURES AND STORM SEWER BY DES PLAINES STREET. CLEAN AND REPAIR DRAINAGE SCUPPER FROM EB CONGRESS PARKWAY.
3. CONSTRUCT PROPOSED BARRIER WALL, GUARDRAIL AND CURB AND GUTTER AS SHOWN ON THE PLANS.
4. RE-GRADE AREA BY DES PLAINES STREET AND INSTALL HARDSCAPE ELEMENTS.

FILE NAME = 24.D60P67-shr-staging-typical.dgn

USER NAME = USER3690	DESIGNED - DLD	REVISED -
	DRAWN - ED	REVISED -
PLOT SCALE = 1:5	CHECKED - AAC	REVISED -
PLOT DATE = 9/8/2011	DATE - 08/04/11	REVISED -

DESIGNED - DLD	REVISED -
DRAWN - ED	REVISED -
CHECKED - AAC	REVISED -
DATE - 08/04/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS

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

F.A.I. RTE. 60794/7290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 25
				CONTRACT NO. 60P67
ILLINOIS FED. AID PROJECT				








GENERAL NOTES:

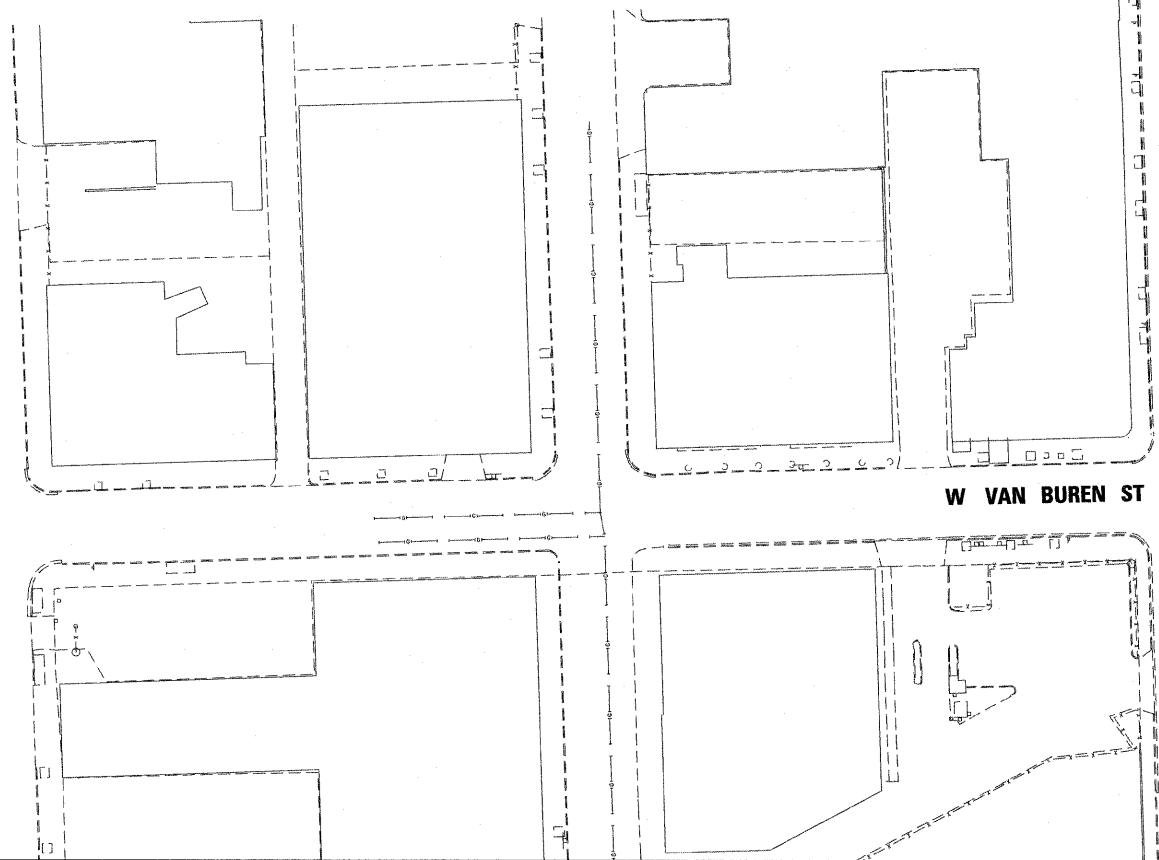
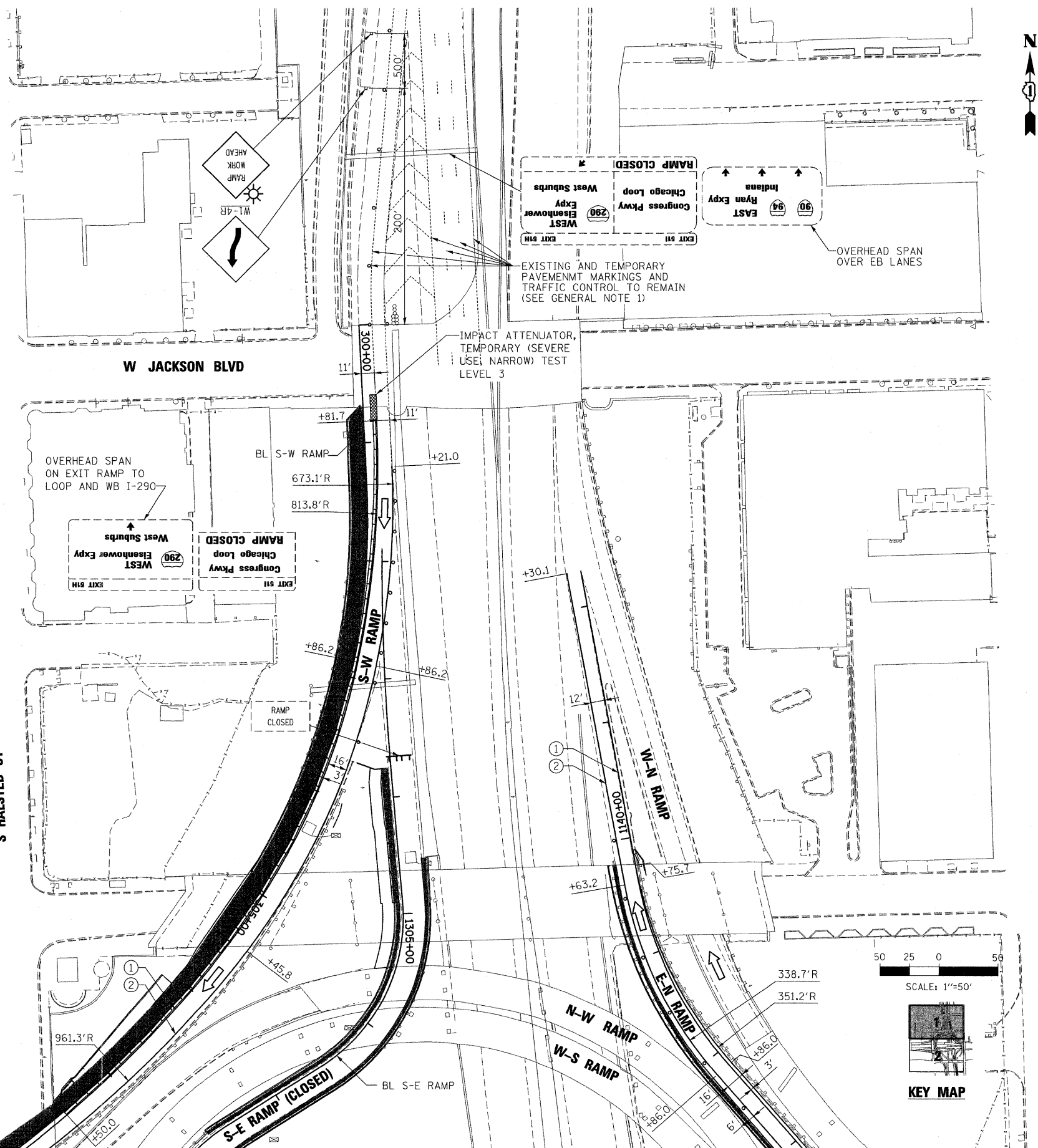
- CONTRACTOR SHALL COORDINATE MAINTENANCE OF TRAFFIC SCHEMES WITH CONTRACT 6061, CONGRESS PARKWAY BRIDGE REHABILITATION.

MOT PAVEMENT MARKING LEGEND:

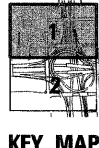
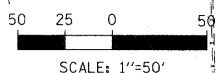
- WET REFLECTIVE TEMPORARY TAPE, TYPE III 4" (WHITE)
- WET REFLECTIVE TEMPORARY TAPE, TYPE III 4" (YELLOW)

LEGEND:

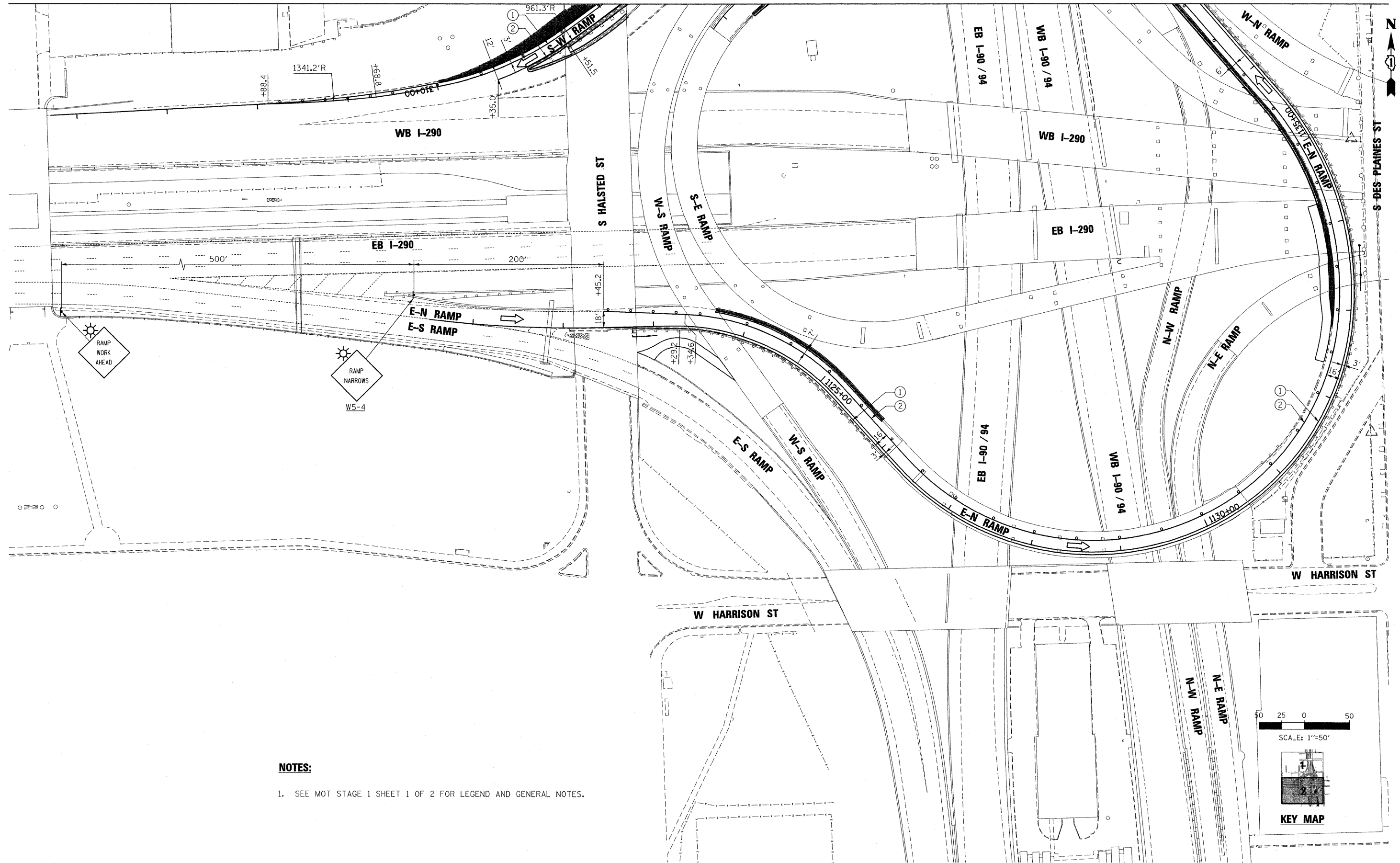
-  WORK ZONE
-  TRAFFIC DIRECTION
-  PLASTIC DRUMS WITH STEADY BURN LIGHTS
50' C-C ALONG TANGENTS
25' C-C ALONG TAPERS/SHIFTS
25' C-C ALONG RAMP GORES
-  TYPE III BARRICADE W/2 STEADY BURN LIGHTS
-  TRAFFIC CONTROL SIGN
-  ARROW BOARD
-  TEMPORARY CONCRETE BARRIER



MATCHLINE SHEET 2

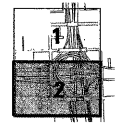
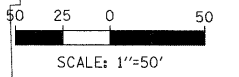


FILE NAME = 25_D60P67-shr-staging01.dgn	USER NAME = USER3690	DESIGNED - DLD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED MAINTENANCE OF TRAFFIC STAGE 1			F.A.I. RTE. 90794/290	SECTION 2011-055-1	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 26
	PLOT SCALE = 1:500	DRAWN - ED	REVISED -		SCALE: 1"=50'	SHEET NO. 1 OF 2 SHEETS	STA. TO STA.	CONTRACT NO. 60P67				
	PLOT DATE = 9/8/2011	CHECKED - AAC	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 08/04/11	REVISED -									



NOTES:

- SEE MOT STAGE 1 SHEET 1 OF 2 FOR LEGEND AND GENERAL NOTES.



KEY MAP

FILE NAME = 26_D60P67-sht-staging02.dgn

USER NAME = USER:3690

PLOT SCALE = 1:50
PLOT DATE = 9/8/2011

DESIGNED - DLD
DRAWN - ED
CHECKED - AAC
DATE - 08/04/11

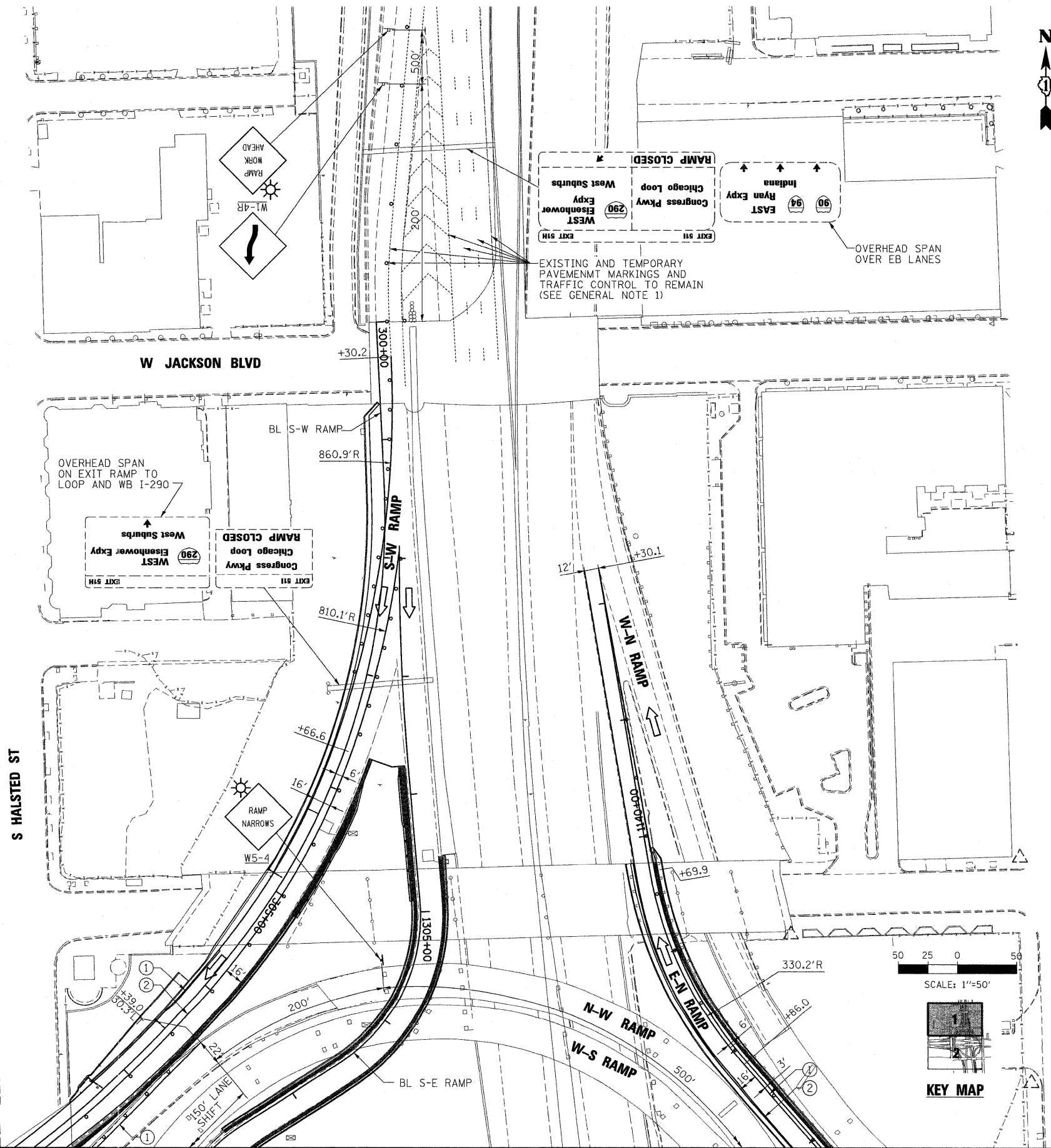
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

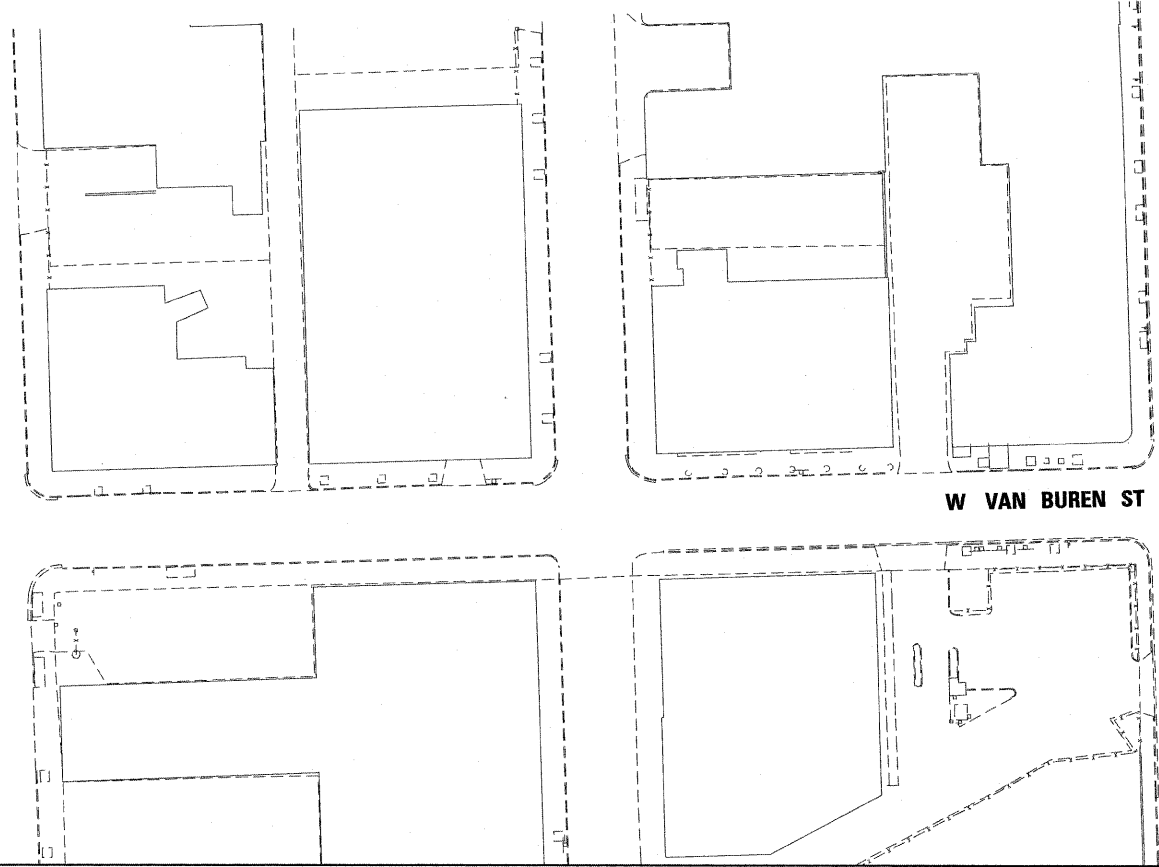
SUGGESTED MAINTENANCE OF TRAFFIC STAGE 1

SCALE: 1"=50' SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE. 90/94 /290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 27
				CONTRACT NO. 60P67
ILLINOIS FED. AID PROJECT				



NOTES:
 1. SEE MOT STAGE 1 SHEET 1 OF 2 FOR LEGEND AND GENERAL NOTES.



MATCHLINE SHEET 2

FILE NAME = 27_D60P67-shr-staging03.dgn

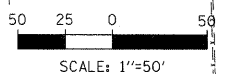
USER NAME = USER3690	DESIGNED - DLD	REVISED -
PLOT SCALE = 1:50	DRAWN - ED	REVISED -
PLOT DATE = 9/8/2011	CHECKED - AAC	REVISED -
	DATE - 08/04/11	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUGGESTED MAINTENANCE OF TRAFFIC STAGE 2

SCALE: 1"=50' SHEET NO. 1 OF 2 SHEETS STA. TO STA.

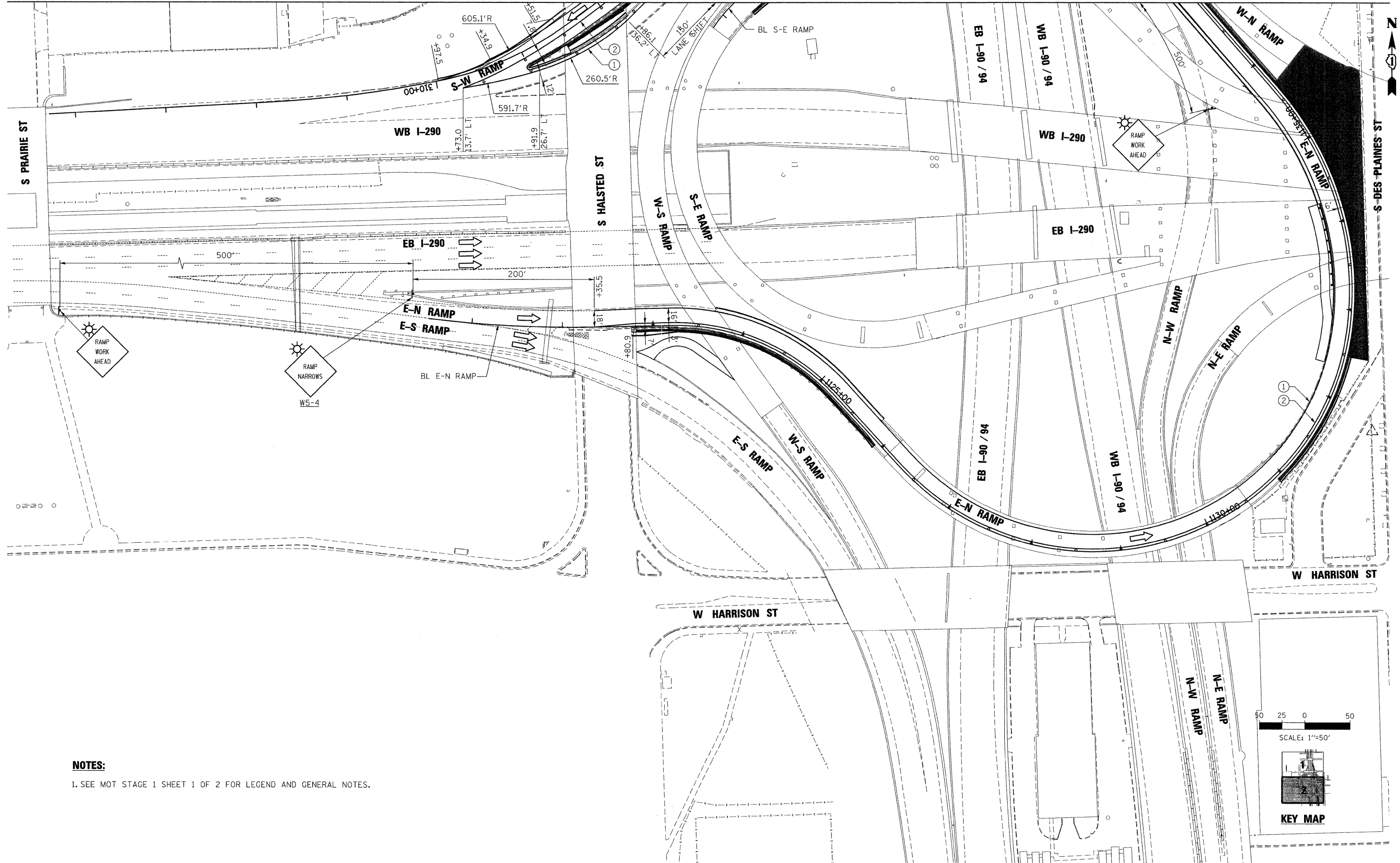
F.A.I. RTE. 90/94/290	SECTION 2011-055-1	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 28
CONTRACT NO. 60P67				



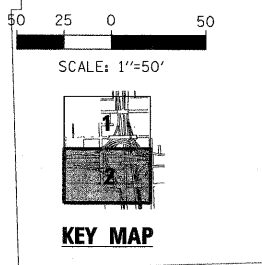
SCALE: 1"=50'

KEY MAP

ILLINOIS FED. AID PROJECT



NOTES:
 1. SEE MOT STAGE 1 SHEET 1 OF 2 FOR LEGEND AND GENERAL NOTES.



FILE NAME = 28_D60P67-sht-staging@4.dgn	USER NAME = USER:3690	DESIGNED - DLD	REVISED -
	PLOT SCALE = 1:50	DRAWN - ED	REVISED -
	PLOT DATE = 9/8/2011	CHECKED - AAC	REVISED -
		DATE - 08/04/11	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUGGESTED MAINTENANCE OF TRAFFIC STAGE 2

SCALE: 1"=50' SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE. 90/94 /290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 29
				CONTRACT NO. 60P67
ILLINOIS FED. AID PROJECT				

SUGGESTED SOIL EROSION AND SEDIMENTATION CONTROL AND SEQUENCING

1. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED, AT A MINIMUM, ACCORDING TO THE IDOT STANDARD SPECIFICATIONS, SPECIAL PROVISIONS, HIGHWAY STANDARDS AND DETAILS AND THE DISTRICT ONE DESIGN GUIDELINES FOR USE OF LANDSCAPE, EROSION AND SEDIMENT CONTROL, AND AESTHETIC FINISH ITEMS. CONTAINED HEREIN, REVISED TO THE LATEST EDITION AS AMENDED.
2. THE CONTRACTOR SHALL CLEAN UP AND GRADE THE WORK AREA AS THE PROJECT PROGRESSES TO ELIMINATE THE CONCENTRATION OF RUNOFF, OR SHALL INSTALL APPROPRIATE SEDIMENT CONTROL DEVICES TO TRAP SEDIMENT. PAVEMENT SHALL BE CLEANED DAILY TO REMOVE EARTHEN MATERIAL AND DEBRIS TO THE SATISFACTION OF THE RESIDENT ENGINEER.
3. THE CONTRACTOR SHALL MAINTAIN AND PRESERVE ANY EXISTING SUB-SURFACE DRAINAGE SYSTEMS ACCORDING TO EXISTING DESIGN AND CONSTRUCTION STANDARDS.
4. CONSTRUCTION ACTIVITIES SHALL BE SCHEDULED TO MINIMIZE THE TIME SOIL IS EXPOSED AND UNPROTECTED.
5. THE CONTRACTOR SHALL MAKE INSPECTIONS A MINIMUM OF ONCE EVERY SEVEN (7) DAYS OF THE FOLLOWING:
 - A. DISTURBED AREAS OF THE PROJECT SITE THAT HAVE NOT BEEN FULLY STABILIZED.
 - B. STRUCTURAL CONTROL MEASURES, INCLUDING BUT NOT LIMITED TO, PERIMETER EROSION BARRIER AND DITCH CHECKS.
 - C. LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE.
7. THE CONTRACTOR MUST COOPERATE WITH ANY AGENTS WHO MAKE SITE VISITS IN THE FIELD TO REVIEW COMPLIANCE AND AUDIT THE LOGS AND RECORDS IN COMPLIANCE WITH THE STORMWATER POLLUTION AND PREVENTION PLAN (SWPPP), THE JOINT APPLICATION AND FLOODWAY PERMIT.
8. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE (3) DAYS, THEN SEDIMENT AND EROSION CONTROL SHALL BE PROVIDED FOR SAID STOCKPILE. SEDIMENT AND EROSION CONTROL MAY BE COMPRISED OF PERIMETER EROSION BARRIER SURROUNDING THE STOCKPILE OR A COVERING OVER THE STOCKPILE.
9. IF THE VOLUME, VELOCITY, SEDIMENT LOAD OR PEAK FLOW RATES OF STORMWATER RUNOFF ARE TEMPORARILY INCREASED DURING CONSTRUCTION THEN PROPERTIES AND SPECIAL MANAGEMENT AREAS DOWNSTREAM FROM SUCH DEVELOPMENT SITES SHALL BE PROTECTED FROM EROSION.
10. EMBANKMENT SLOPES SHALL NOT EXCEED TEN (10) FEET IN HEIGHT WITHOUT THE PLACEMENT OF SLOPE STABILIZATION INCLUDING, BUT NOT LIMITED TO TEMPORARY SEEDING, PERMANENT SEEDING OR SLOPE EROSION CONTROL.
11. EROSION CONTROL MEASURES SHALL BE PROVIDED FOR ALL EXISTING AND PROPOSED INLET STRUCTURES WITHIN THE CONSTRUCTION LIMITS.
12. INLET FILTERS ARE TO BE MAINTAINED WHERE INDICATED IN THE CURRENT STAGE AND IF INSTALLED IN A PREVIOUS STAGE.
13. ALL AREAS BROUGHT TO FINAL GRADE WILL BE STABILIZED WITH TOPSOIL AND SEED AS INDICATED ON THE PLANS.
14. NATURAL RESOURCE CONSERVATION SERVICE (NRCS) AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) STANDARDS PRESENTED ON THE CONTRACT DRAWINGS ARE TO BE CONSIDERED A MINIMUM.
15. ANY EROSION AND/OR SEDIMENTATION CONTROL DEVICES DISRUPTED, THAT BELONG TO ANY CONCURRENT CONSTRUCTION CONTRACTS, SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TEMPORARY DRAINAGE DURING THE PROJECT. DAMAGE TO THE SUBGRADE, EXISTING FACILITIES AND/OR CONSTRUCTED WORK WILL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE RESIDENT ENGINEER AT NO ADDITIONAL COST.
17. TEMPORARY AND/OR PERMANENT SOIL STABILIZATION (VEGETATION OR HARDSCAPE) SHALL BE APPLIED TO EXPOSED AREAS AS SOON AS POSSIBLE. AS A MINIMUM, SOIL STABILIZATION SHALL BE PROVIDED WITHIN FOURTEEN (14) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE AND WITHIN FOURTEEN (14) DAYS TO EXPOSED AREAS WHICH MAY NOT BE AT FINAL GRADE BUT WILL REMAIN UNDISTURBED FOR LONGER THAN TWENTY-ONE (21) DAYS.

PRE-STAGE

1. INSTALL PERIMETER EROSION CONTROL BARRIER THROUGHOUT ENTIRE LENGTH OF PROJECT LIMITS.
2. INSTALL INLET FILTERS IN EXISTING STRUCTURES THAT ARE TO BE MAINTAINED DURING CONSTRUCTION.
3. BEGIN CLEARING OPERATIONS AFTER INSTALLATION OF PERIMETER EROSION BARRIER FOR CURRENT APPLICABLE PHASE.
4. PROVIDE TEMPORARY STABILIZATION THROUGH USE OF TEMPORARY EROSION CONTROL SEEDING ON ALL SIDE SLOPES AT TEMPORARY WIDENING LOCATIONS.

MAINTENANCE FOR SOIL EROSION CONTROL MEASURES

1. INSPECTIONS SHALL BE PERFORMED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER OR EQUIVALENT SNOWFALL.
2. VEGETATIVE GROWTH OF TEMPORARY OR PERMANENT SEEDING, SODDING AND VEGETATED CHANNELS SHALL BE MAINTAINED ON A CONTINUAL BASIS WITH ADEQUATE WATER AND FERTILIZER.
3. THE VEGETATIVE COVER SHALL BE REMOVED AND RE-SEEDED/REPLACED AS NECESSARY UNTIL GERMINATION OR UNTIL BARE EARTH AREAS SUPPORT VEGETATION.
4. PERIMETER EROSION BARRIER SHALL BE INSPECTED PERIODICALLY AND REPAIRED AS NEEDED.
5. INLET PROTECTION, PERIMETER EROSION BARRIER AND DITCH CHECKS SHALL HAVE SEDIMENT REMOVED UPON REACHING HALF THE HEIGHT OR CAPACITY OF THE DEVICE.
6. ANY PROTECTIVE MEASURES INSTALLED FOR PROTECTION OF TREES, WHICH IS DAMAGED OR REMOVED, WILL BE REPAIRED IMMEDIATELY.

STAGE 1




1. INSTALL STORM SEWER AND ASSOCIATED STAGE I DRAINAGE STRUCTURES.
2. INSTALL INLET FILTERS IN STRUCTURES ALONG NEW PAVEMENT AND EMBANKMENT AS SHOWN ON THE PLANS.
3. PROVIDE TEMPORARY STABILIZATION THROUGH USE OF TEMPORARY EROSION CONTROL SEEDING ON ALL SIDE SLOPES AS SHOWN ON PLANS AND AT THE LOCATIONS FOR TEMPORARY WIDENING.
4. APPLY PERMANENT SEEDING AS INDICATED ON THE PLANS TO AREAS DISTURBED DURING REMOVAL.

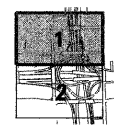
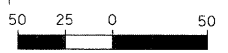
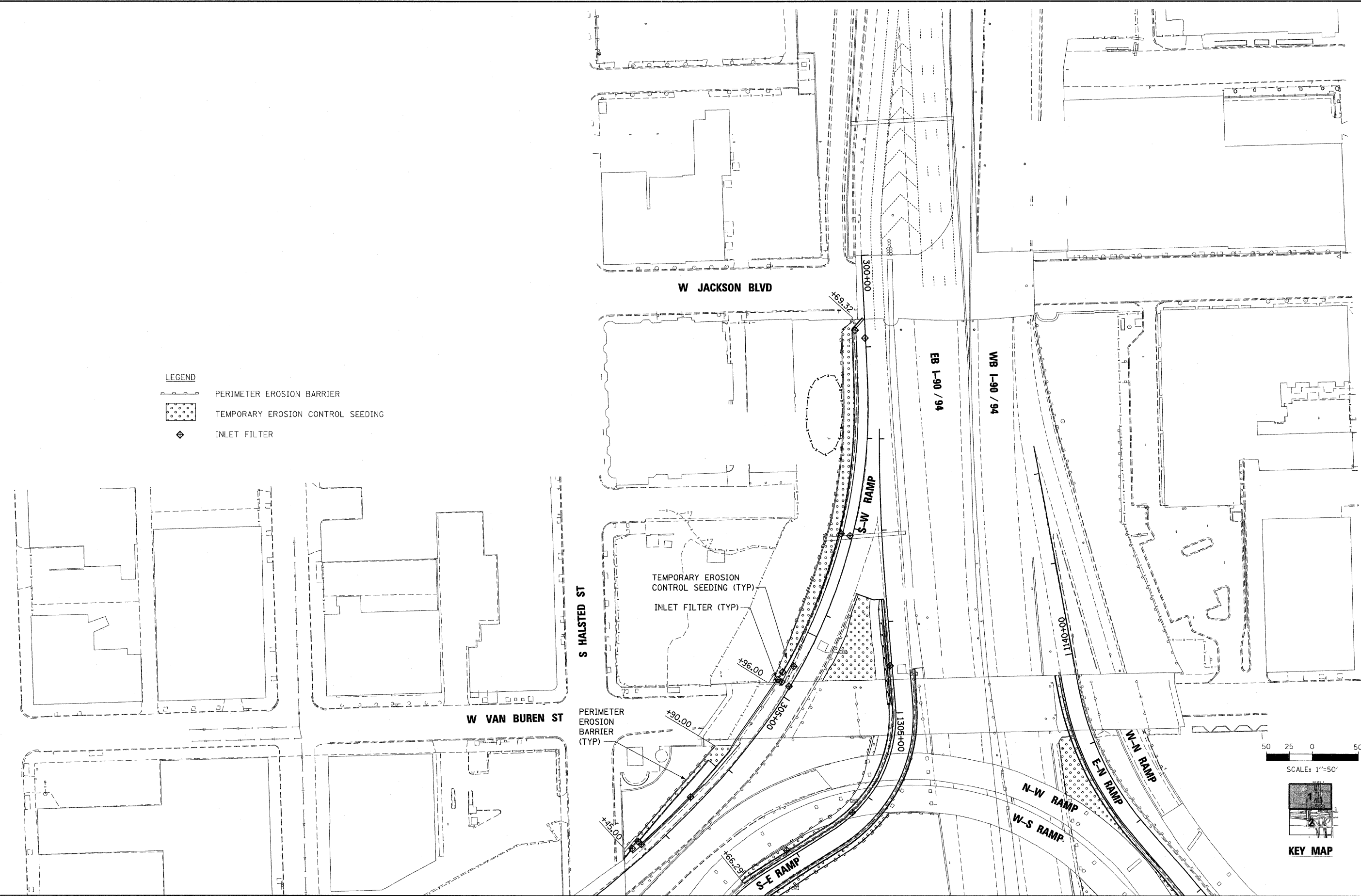
STAGE 2

1. INSTALL STORM SEWER AND ASSOCIATED STAGE II DRAINAGE STRUCTURES.
2. INSTALL INLET FILTERS IN STRUCTURES ALONG NEW PAVEMENT AND EMBANKMENT AS SHOWN ON THE PLANS.
3. PROVIDE TEMPORARY STABILIZATION THROUGH USE OF TEMPORARY EROSION CONTROL SEEDING ON ALL SIDE SLOPES AS SHOWN ON PLANS AND AT THE LOCATIONS FOR TEMPORARY WIDENING.
4. REMOVE TEMPORARY EROSION CONTROL ITEMS AS NECESSARY AFTER PERMANENT VEGETATION OF SIDE SLOPES AND DITCHES HAS BEEN ESTABLISHED.
5. APPLY PERMANENT SEEDING AS INDICATED ON THE PLANS TO AREAS DISTURBED DURING REMOVAL.

FILE NAME = 29.D60P67-sht:eros00.dgn	USER NAME = USER:3690	DESIGNED - CZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL GENERAL NOTES				F.A.I. RTE. 90/94 7290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 30
	PLOT SCALE = 1:5	DRAWN - ED	REVISED -		SCALE: NONE	SHEET NO. 1	OF 1	SHEETS	STA.	TO STA.	CONTRACT NO. 60P67		
	PLOT DATE = 9/8/2011	CHECKED - AAC	REVISED -		ILLINOIS FED. AID PROJECT								
		DATE - 08/04/11	REVISED -										



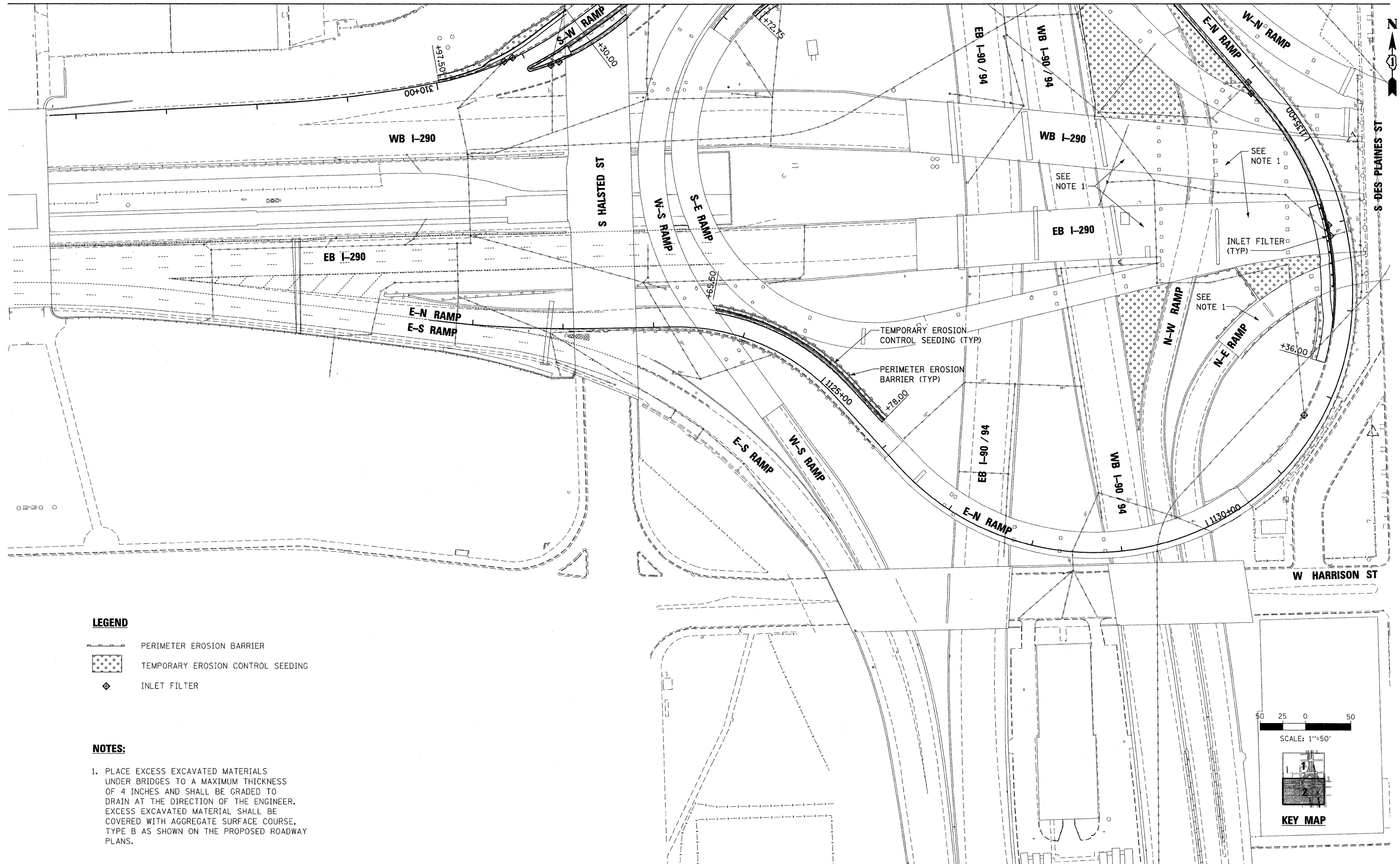
- LEGEND**
-  PERIMETER EROSION BARRIER
 -  TEMPORARY EROSION CONTROL SEEDING
 -  INLET FILTER






KEY MAP

MATCHLINE SHEET 2

FILE NAME = 30_D60P67-sh1-eros01.dgn	USER NAME = USER:3690	DESIGNED - DLD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL PLAN STAGE 1			F.A.I. RTE. 90/94 /290	SECTION 2011-055-1	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 31
	PLOT SCALE = 1:50	CHECKED - AAC	REVISED -		SCALE: 1"=50'	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 60P67			
	PLOT DATE = 9/8/2011	DATE - 08/04/11	REVISED -			ILLINOIS FED. AID PROJECT						

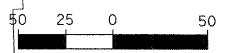


LEGEND

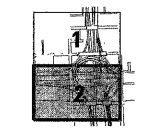
-  PERIMETER EROSION BARRIER
-  TEMPORARY EROSION CONTROL SEEDING
-  INLET FILTER

NOTES:

1. PLACE EXCESS EXCAVATED MATERIALS UNDER BRIDGES TO A MAXIMUM THICKNESS OF 4 INCHES AND SHALL BE GRADED TO DRAIN AT THE DIRECTION OF THE ENGINEER. EXCESS EXCAVATED MATERIAL SHALL BE COVERED WITH AGGREGATE SURFACE COURSE, TYPE B AS SHOWN ON THE PROPOSED ROADWAY PLANS.



SCALE: 1"=50'



KEY MAP

FILE NAME = 31_D68P67-sht-eros@2.dgn

USER NAME = USER3690

DESIGNED - DLD

REVISED -

DRAWN - ED

REVISED -

CHECKED - AAC

REVISED -

DATE - 08/04/11

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN STAGE 1

SCALE: 1"=50'

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

F.A.I.
RTE.
90/94
/290

SECTION
2011-055-I

COUNTY
COOK

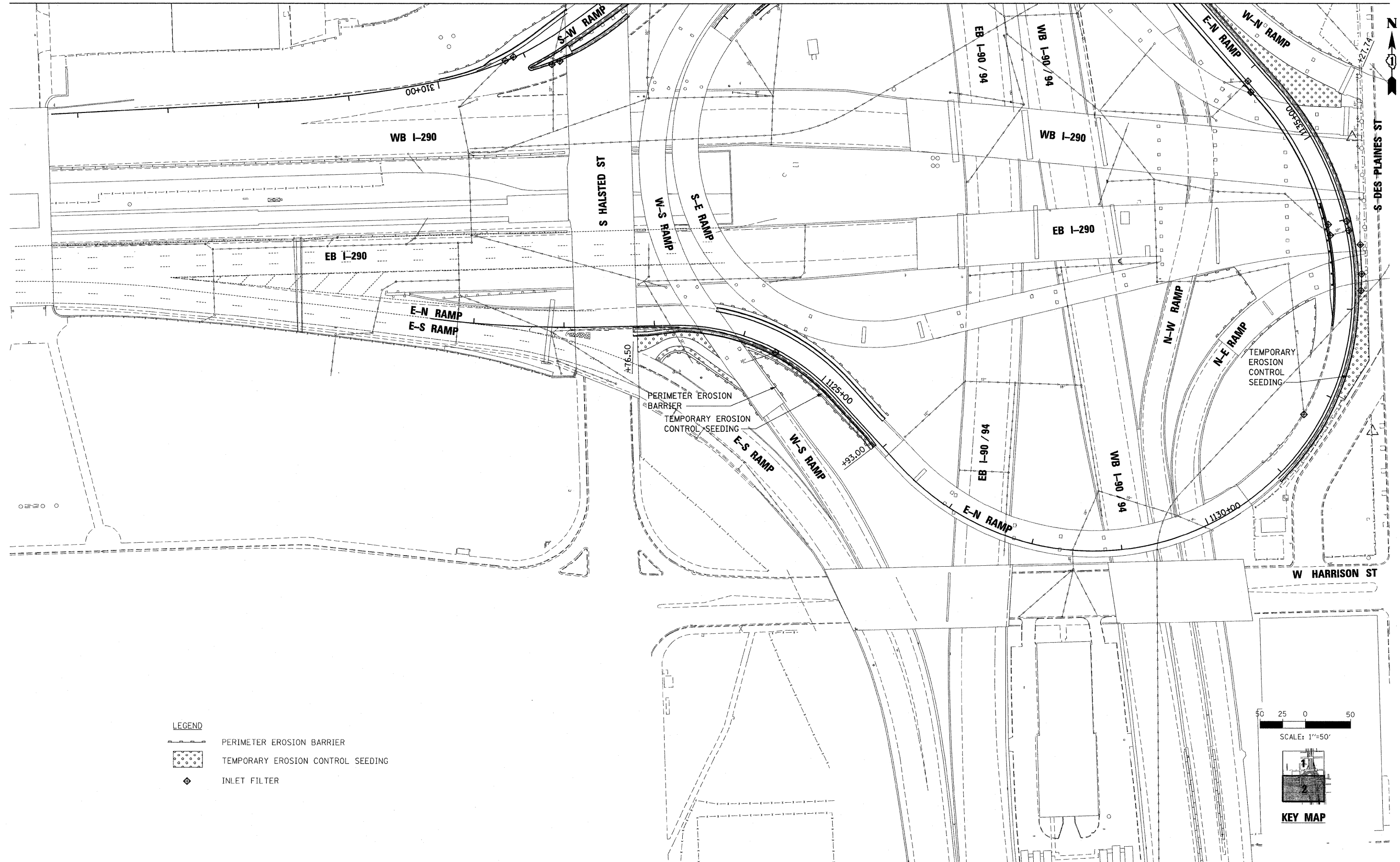
TOTAL SHEETS
107

SHEET NO.
32

CONTRACT NO. 60P67

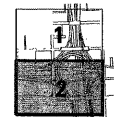
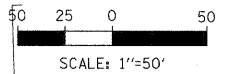
ILLINOIS FED. AID PROJECT

MATCHLINE SHEET 1



LEGEND

	PERIMETER EROSION BARRIER
	TEMPORARY EROSION CONTROL SEEDING
	INLET FILTER



KEY MAP

FILE NAME = 33.D60P67-sht-eros04.dgn

USER NAME = USER:3690
 PLOT SCALE = 1:50
 PLOT DATE = 9/8/2011

DESIGNED -	DLD
DRAWN -	ED
CHECKED -	AAC
DATE -	08/04/11

REVISED -	
REVISED -	
REVISED -	
REVISED -	

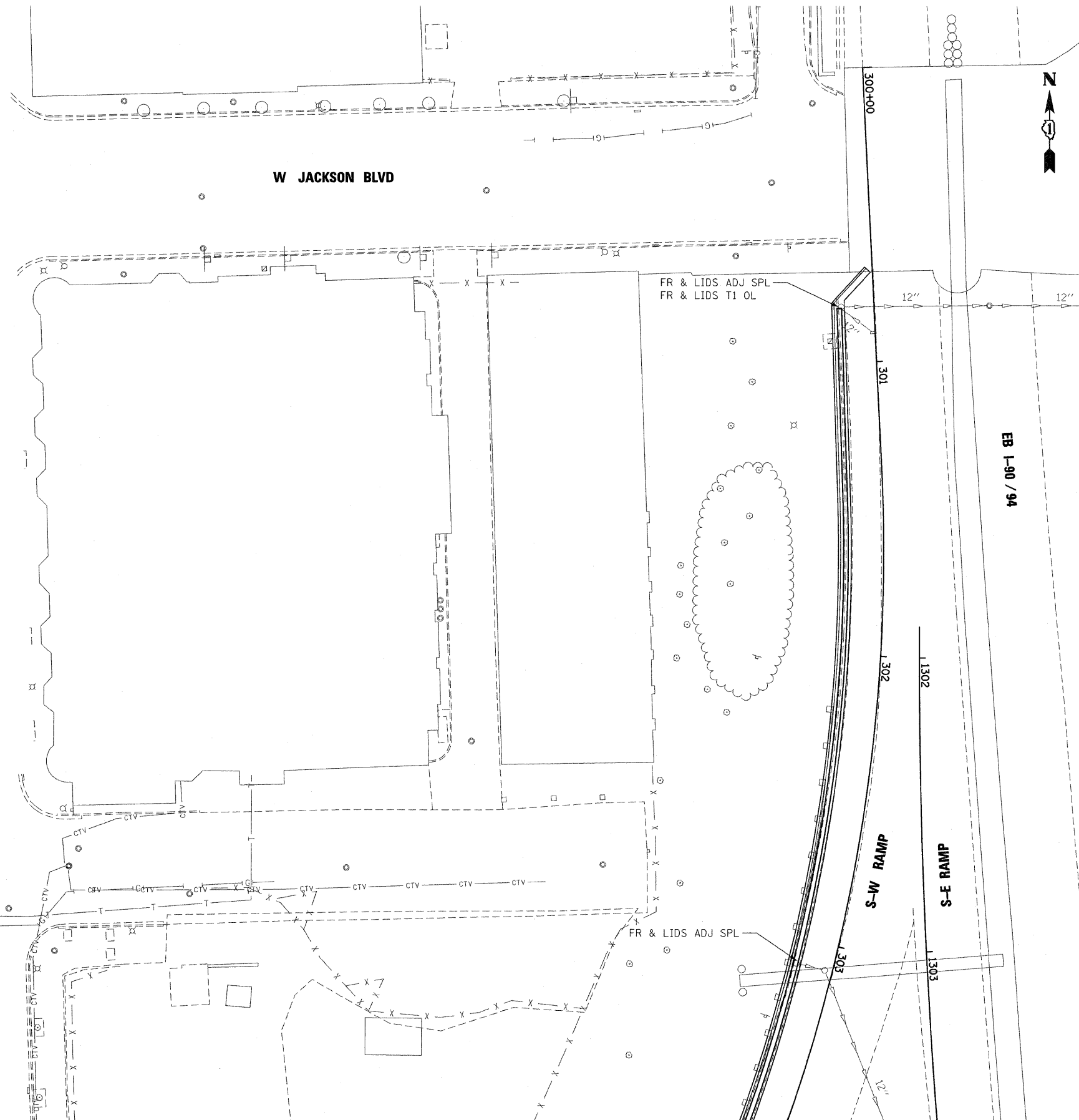
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN STAGE 2

SCALE: 1"=50' SHEET NO. 2 OF 2 SHEETS STA. TO STA.

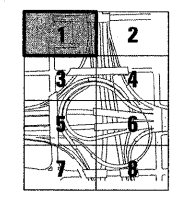
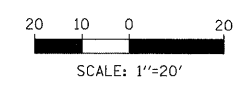
F.A.I. RTE. 90794/290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 34
				CONTRACT NO. 60P67

ILLINOIS FED. AID PROJECT



MATCHLINE SHEET 2

REMOVAL OF EXISTING FRAME AND GRATE AND CLEANING OF STRUCTURE TO BE INCLUDED IN THE COST OF FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)



MATCHLINE SHEET 3

FILE NAME = 34_D60P67-sht-drain01.dgn	USER NAME = USER:3690	DESIGNED - DLD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE AND UTILITY PLAN			F.A.I. RTE. 90/94 /290	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:20	DRAWN - ED	REVISED -						2011-055-I	COOK	107	35
	PLOT DATE = 9/8/2011	CHECKED - AAC	REVISED -						CONTRACT NO. 60P67			
	DATE - 08/04/11	REVISED -	REVISED -	SCALE: 1"=20' SHEET NO. 1 OF 8 SHEETS STA. TO STA.			[ILLINOIS] FED. AID PROJECT					

MATCHLINE SHEET 1

EB I-90 / 94

WB I-90 / 94

W JACKSON BLVD

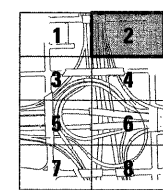
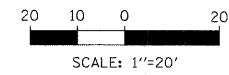
E-N RAMP

W-N RAMP

1141



REMOVAL OF EXISTING FRAME AND GRATE AND CLEANING OF STRUCTURE TO BE INCLUDED IN THE COST OF FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)



KEY MAP

MATCHLINE SHEET 4

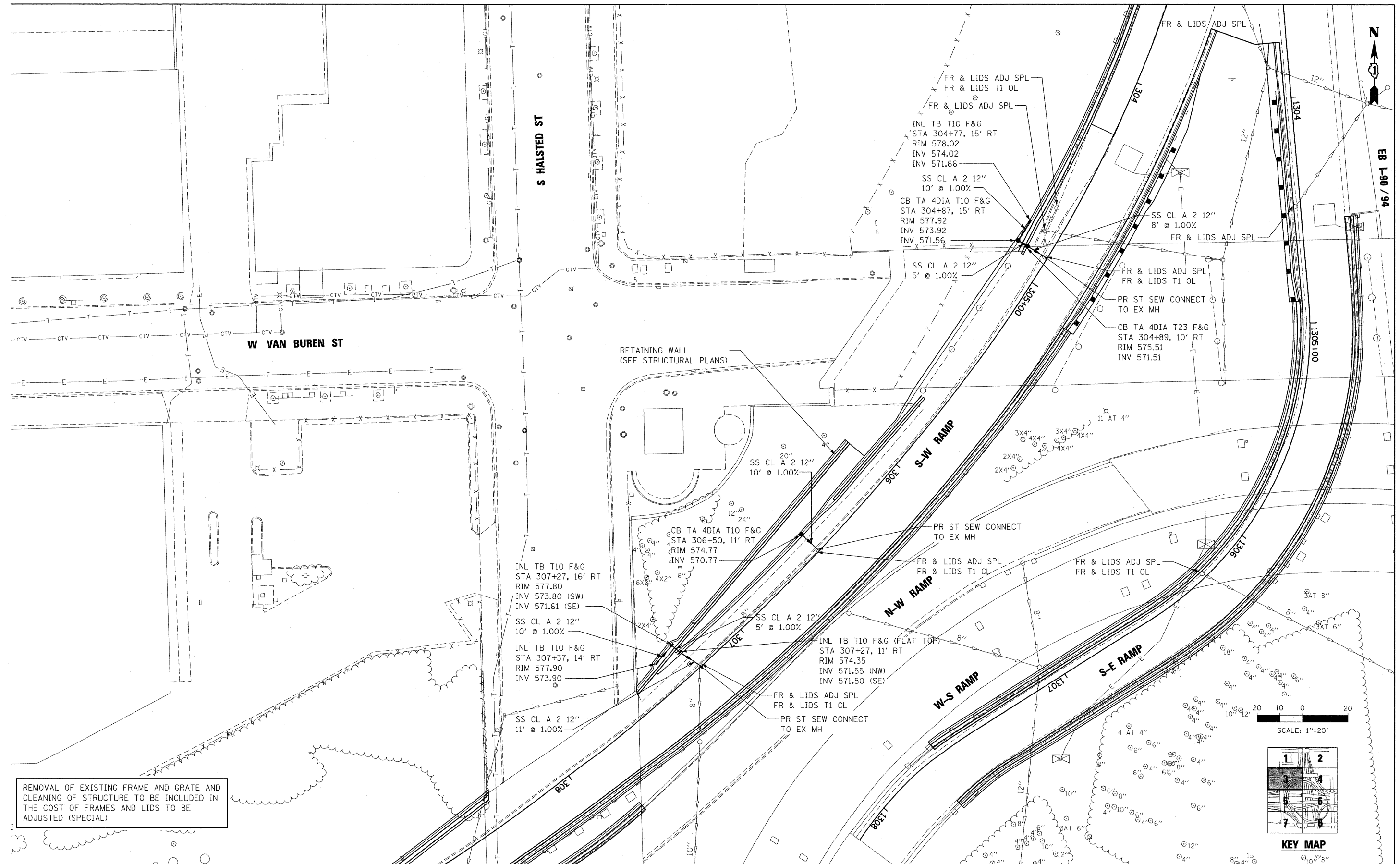
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	PLOT SCALE = 1:20	DRAWN - ED	REVISED -
	PLOT DATE = 9/8/2011	CHECKED - AAC	REVISED -
		DATE - 08/04/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE AND UTILITY PLAN

SCALE: 1"=20' SHEET NO. 2 OF 8 SHEETS STA. TO STA.

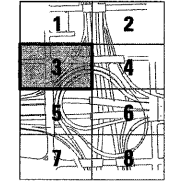
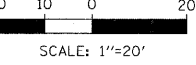
F.A.I. RTE. 90/94 /290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 36
CONTRACT NO. 60P67				
ILLINOIS FED. AID PROJECT				



EB 1-90 / 94

MATCHLINE SHEET 4

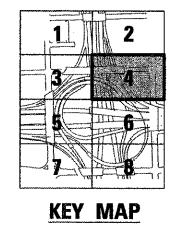
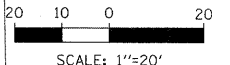
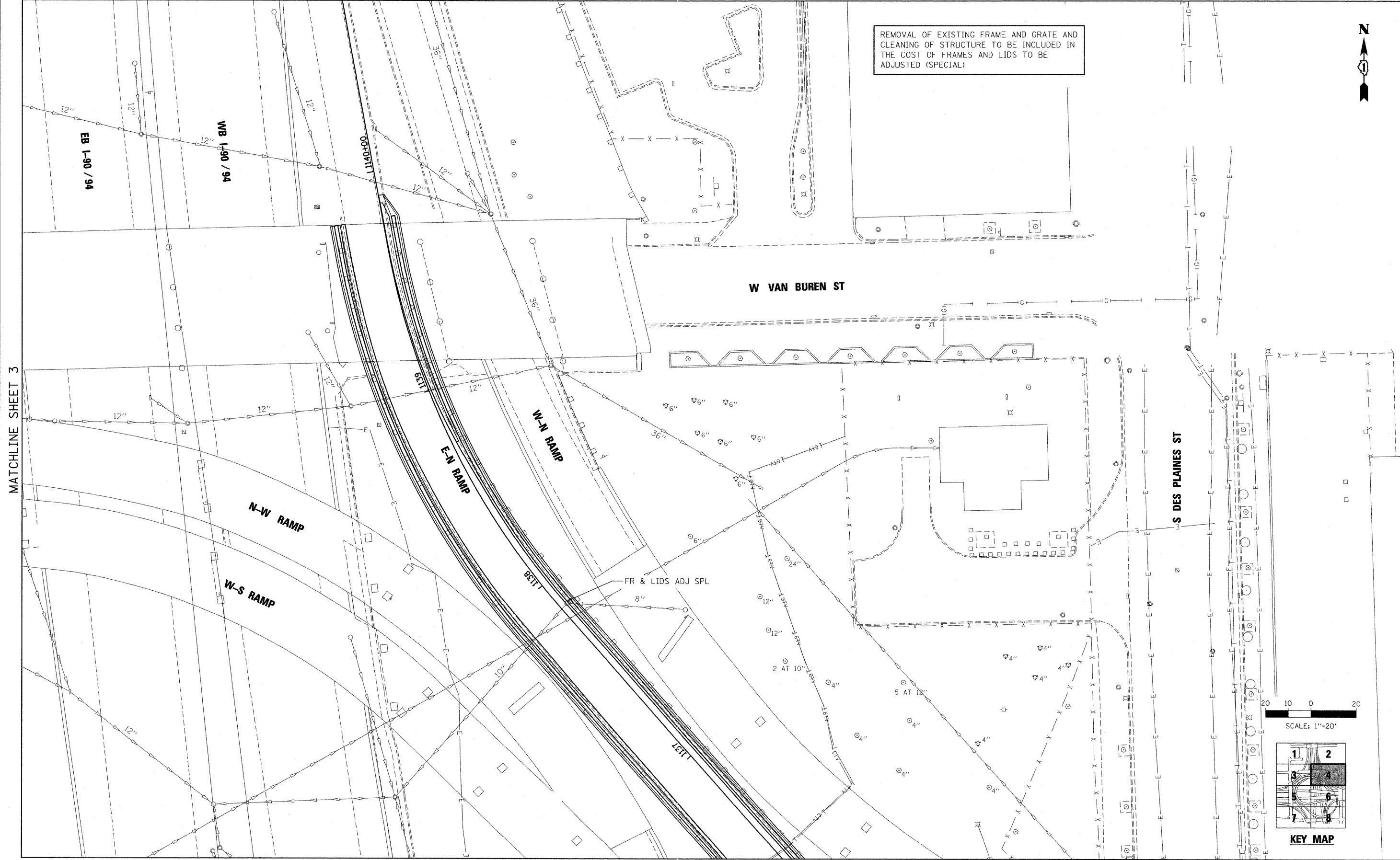
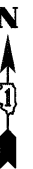
REMOVAL OF EXISTING FRAME AND GRATE AND CLEANING OF STRUCTURE TO BE INCLUDED IN THE COST OF FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)



KEY MAP

FILE NAME = 36_D60P67-ahd-drain03.dgn	USER NAME = USER:3690	DESIGNED - DLD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE AND UTILITY PLAN			F.A.I. RTE. 90794 /290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 37
	PLOT SCALE = 1:20'	DRAWN - ED	REVISED -		SCALE: 1"=20'	SHEET NO. 3 OF 8 SHEETS	STA.	TO STA.	CONTRACT NO. 60P67			
	PLOT DATE = 9/8/2011	CHECKED - AAC	REVISED -						ILLINOIS FED. AID PROJECT			
		DATE - 08/04/11	REVISED -									

REMOVAL OF EXISTING FRAME AND GRATE AND CLEANING OF STRUCTURE TO BE INCLUDED IN THE COST OF FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)



FILE NAME = 37_D60P67-shd-drain04.dgn

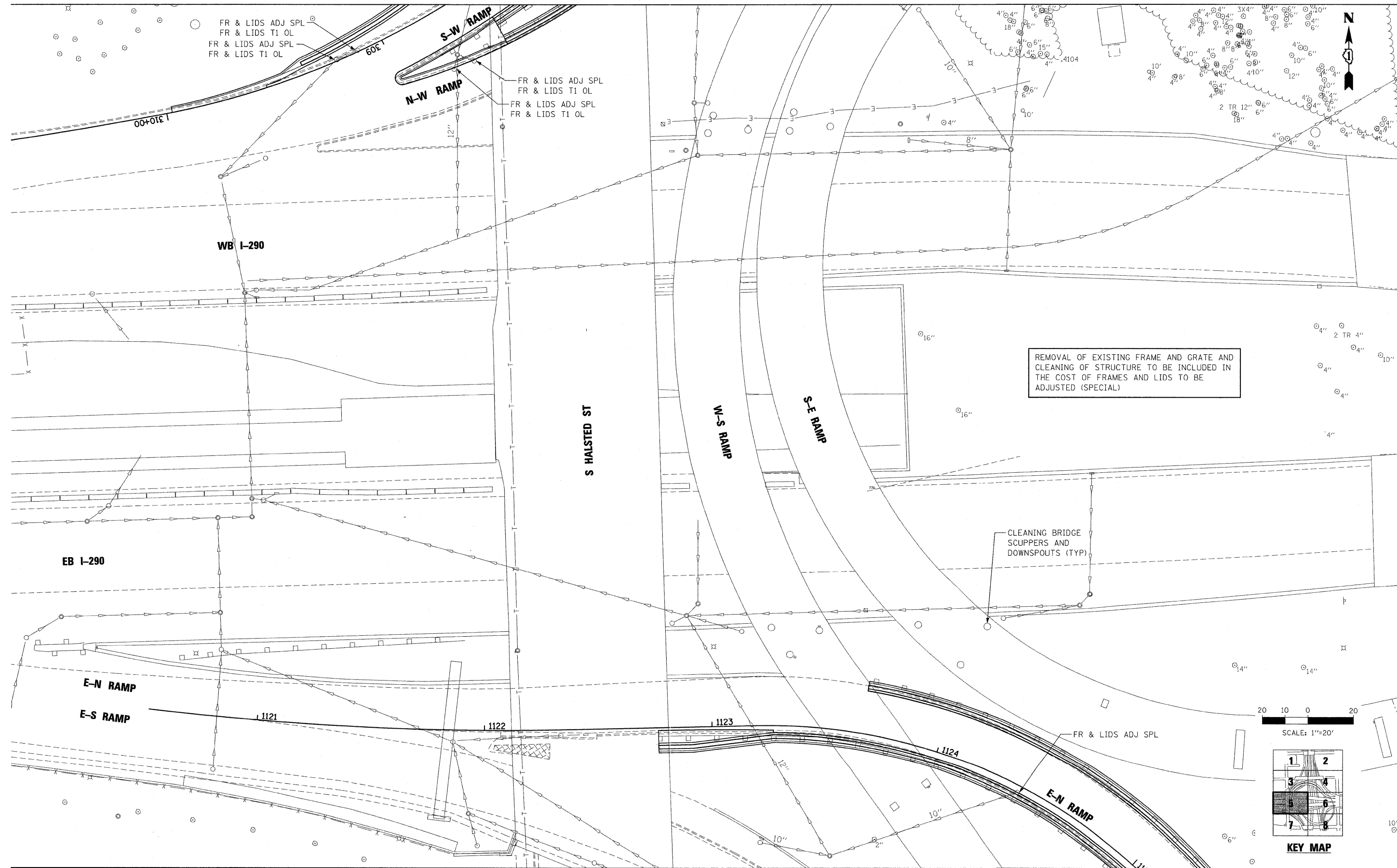
USER NAME = USER:3690	DESIGNED - DLD	REVISED -
PLOT SCALE = 1:20	DRAWN - ED	REVISED -
PLOT DATE = 9/8/2011	CHECKED - AAC	REVISED -
	DATE - 08/04/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED DRAINAGE AND UTILITY PLAN

SCALE: 1"=20' SHEET NO. 4 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 90/94 290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 38
				CONTRACT NO. 60P67
ILLINOIS FED. AID PROJECT				



MATCHLINE SHEET 6

FILE NAME = 38_D60P67-shd-dra1n05.dgn

USER NAME = USER:3698
 PLOT SCALE = 1:20
 PLOT DATE = 9/8/2011

DESIGNED - DLD
 DRAWN - ED
 CHECKED - AAC
 DATE - 08/04/11

REVISED -
 REVISED -
 REVISED -
 REVISED -

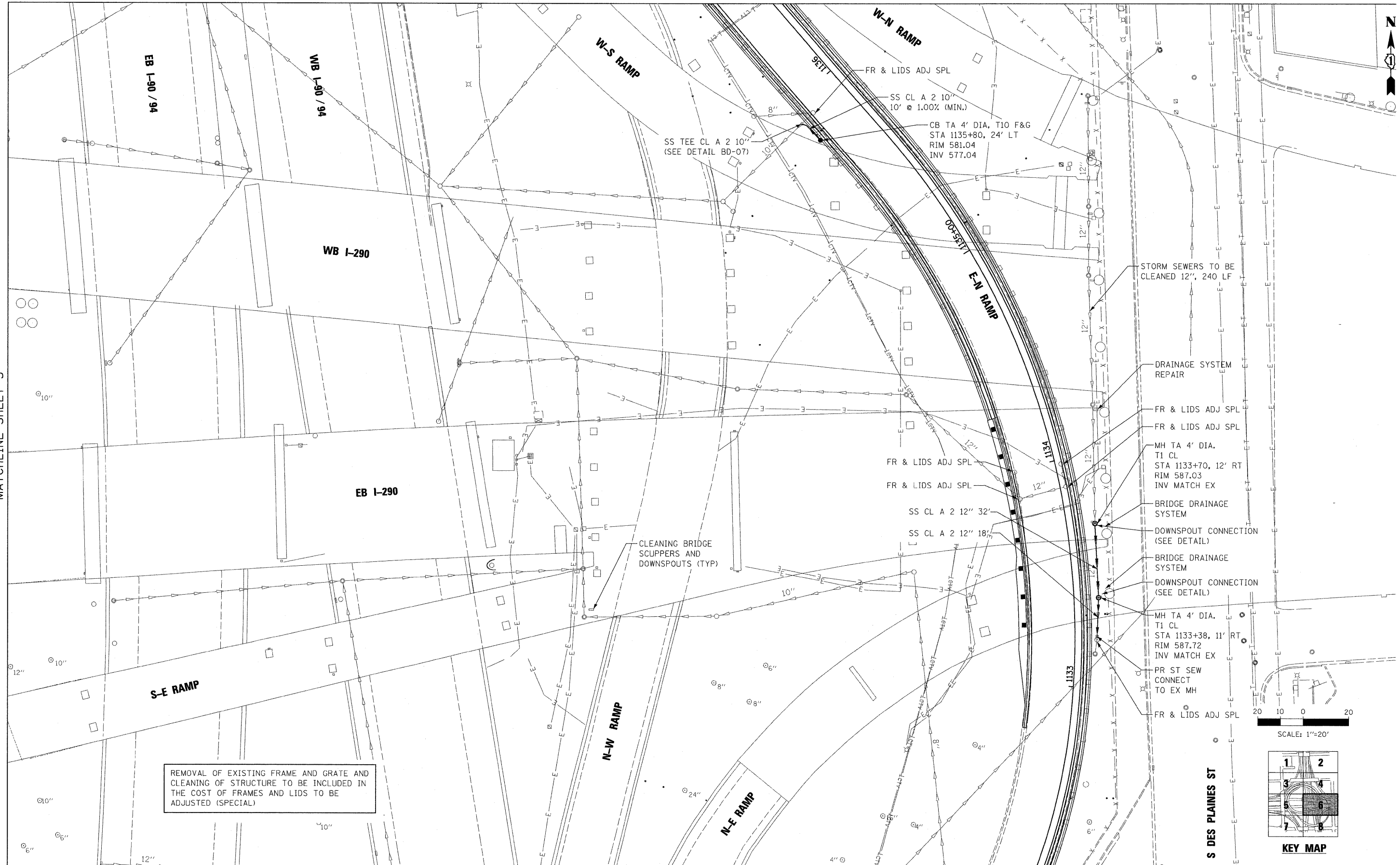
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED DRAINAGE AND UTILITY PLAN

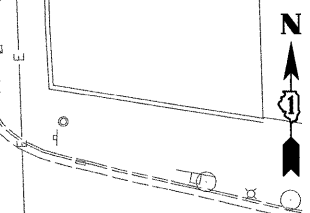
SCALE: 1"=20' SHEET NO. 5 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 90794/290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 39
CONTRACT NO. 60P67			ILLINOIS FED. AID PROJECT	

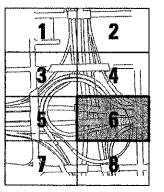
MATCHLINE SHEET 5



REMOVAL OF EXISTING FRAME AND GRATE AND CLEANING OF STRUCTURE TO BE INCLUDED IN THE COST OF FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)

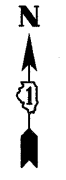
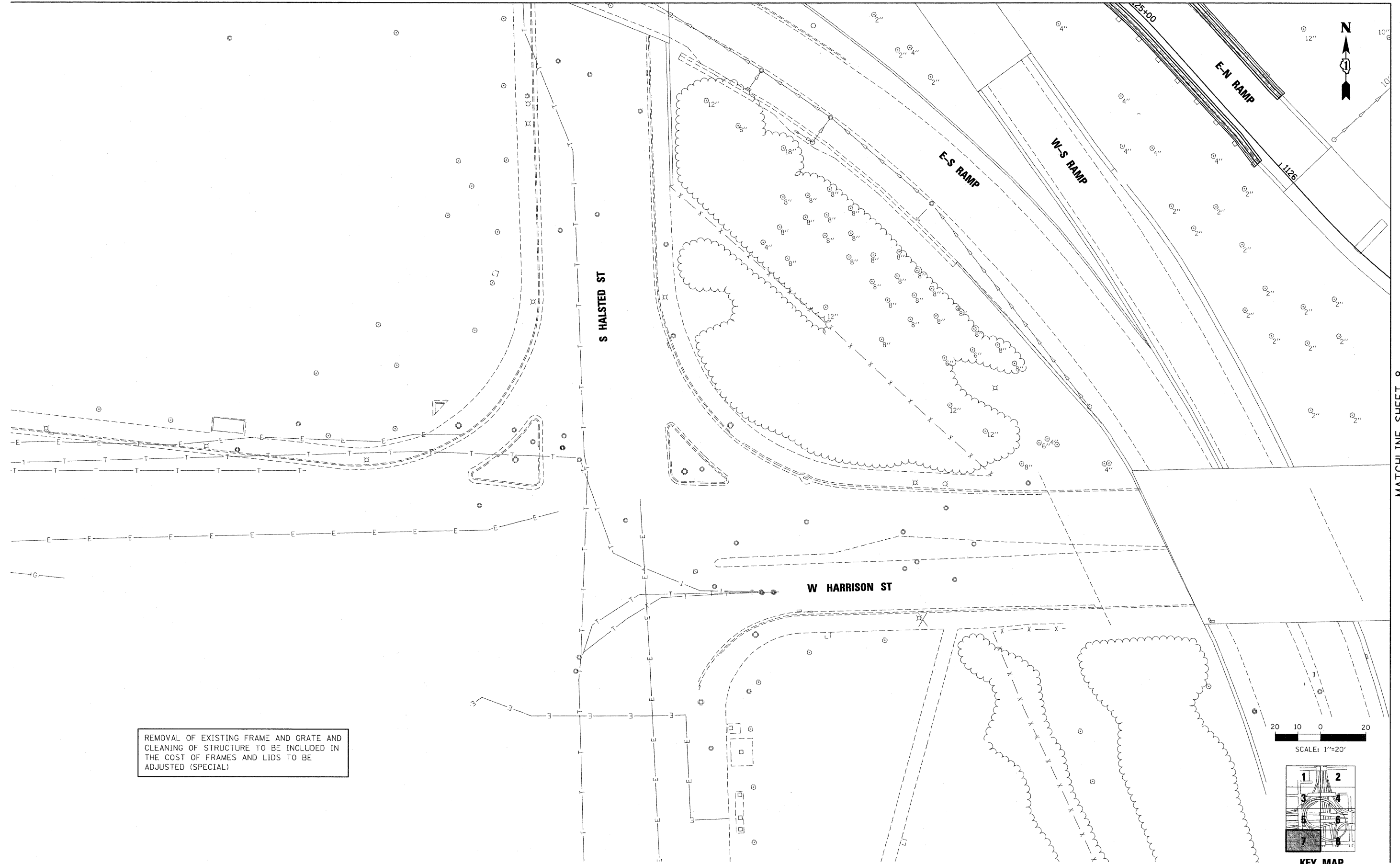


SCALE: 1"=20'

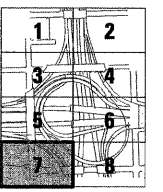
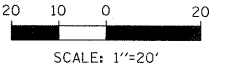


KEY MAP

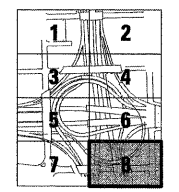
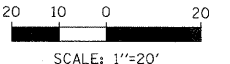
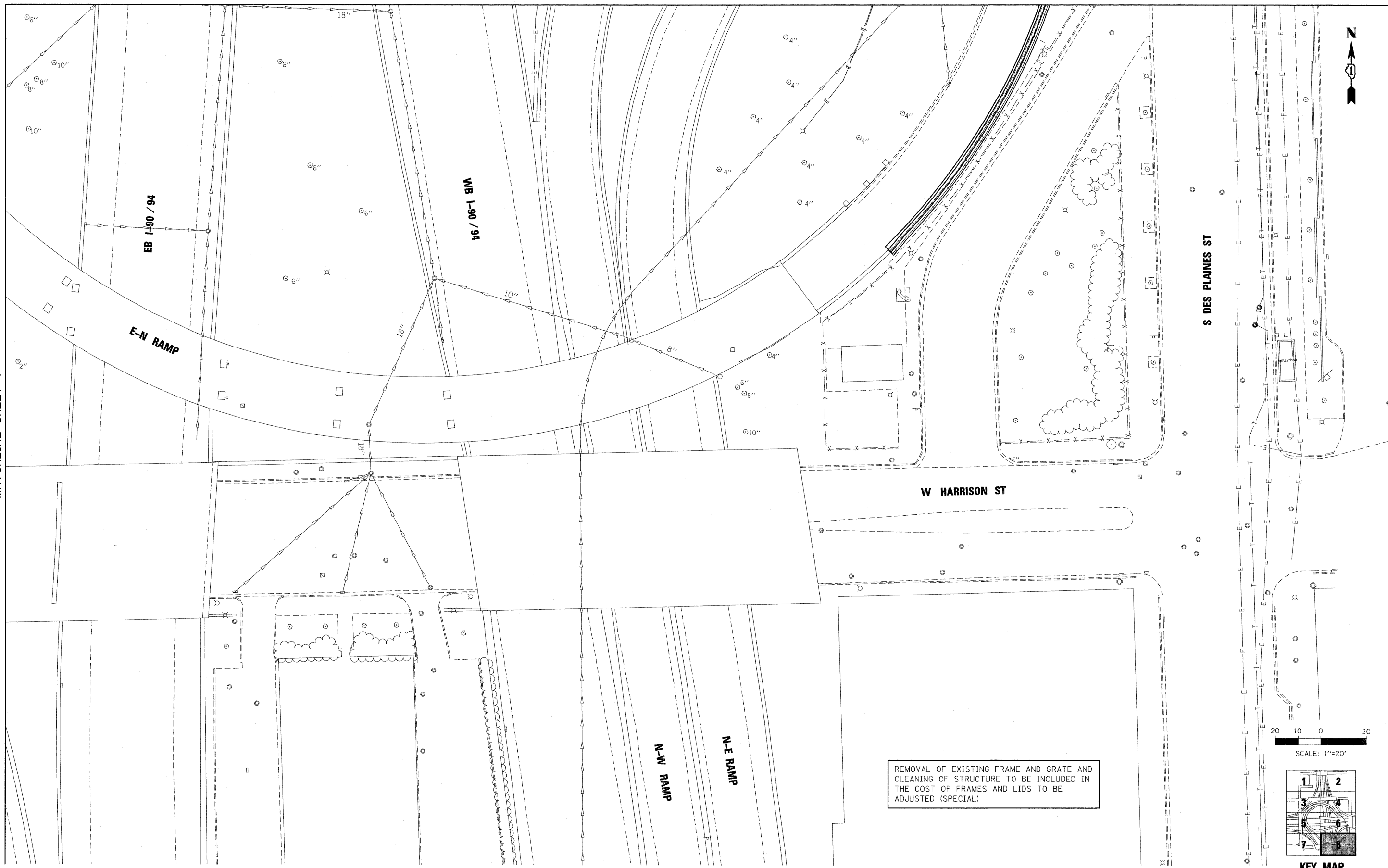
FILE NAME = 39_D68P67-sht-drain86.dgn	USER NAME = USER5082	DESIGNED - DLD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE AND UTILITY PLAN		F.A.I. RTE. 90794 7290	SECTION 2011-055-1	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 40
	PLOT SCALE = 1:20	CHECKED - AAC	REVISED -				SCALE: 1"=20'	SHEET NO. 6 OF 8 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 60P67	
PLOT DATE = 9/9/2011	DATE = 08/04/11	REVISED -	REVISED -								



REMOVAL OF EXISTING FRAME AND GRATE AND CLEANING OF STRUCTURE TO BE INCLUDED IN THE COST OF FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)



FILE NAME = 48_D60P67-aht-drain07.dgn	USER NAME = USER:3690	DESIGNED - DLD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE AND UTILITY PLAN			F.A.I. RTE. 90794 /290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 41
	PLOT SCALE = 1:20	DRAWN - ED	REVISED -		SCALE: 1"=20'	SHEET NO. 7 OF 8 SHEETS	STA.	TO STA.	CONTRACT NO. 60P67			
	PLOT DATE = 9/8/2011	CHECKED - AAC	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 08/04/11	REVISED -									



FILE NAME = 41_D68P67-shd-drain@8.dgn

USER NAME = USER:3690
 DESIGNED - DLD
 DRAWN - ED
 CHECKED - AAC
 PLOT SCALE = 1:20
 PLOT DATE = 9/8/2011
 DATE - 08/04/11

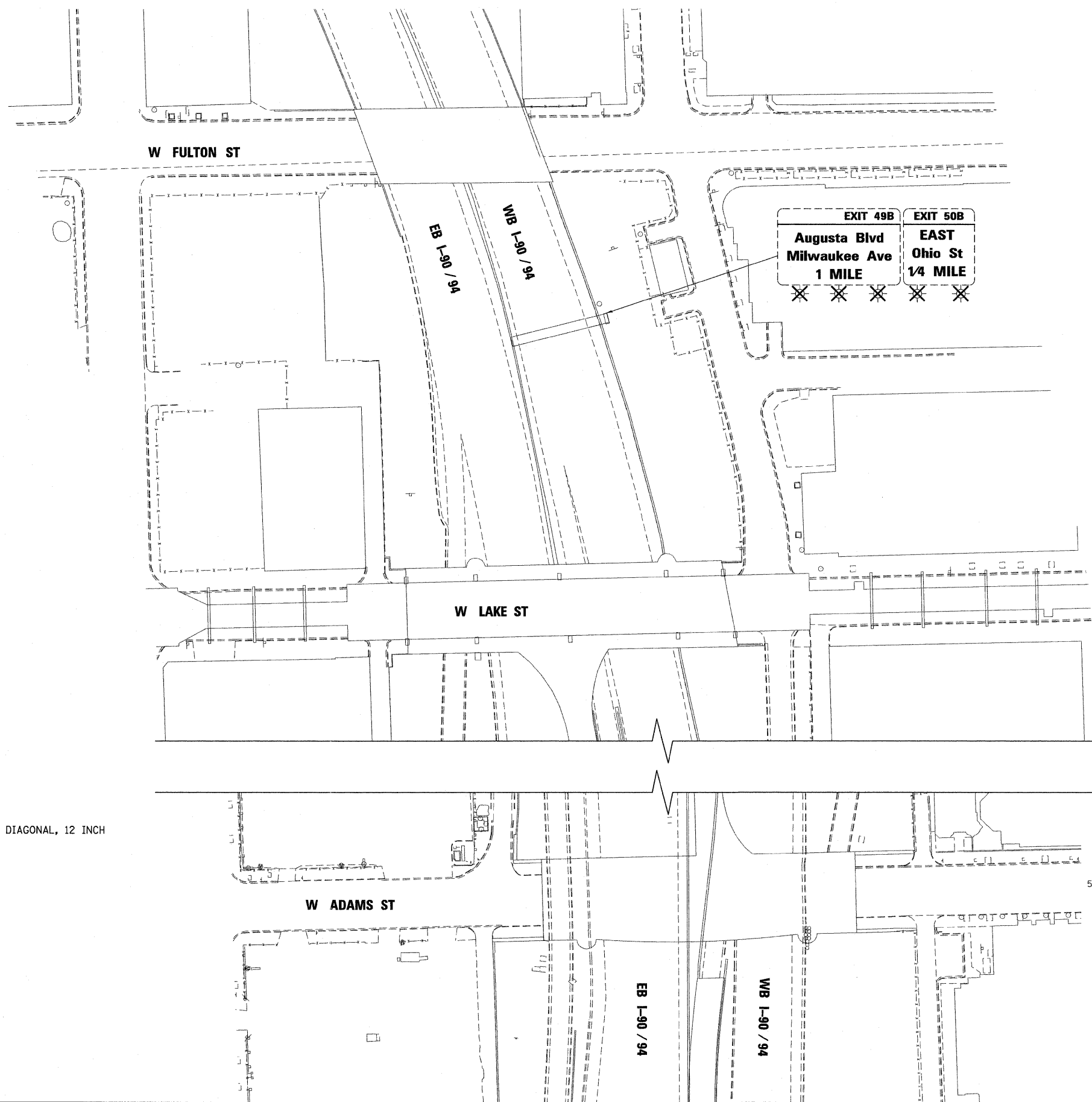
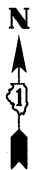
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE AND UTILITY PLAN

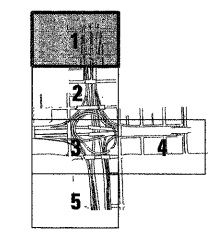
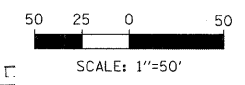
SCALE: 1"=20' SHEET NO. 8 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 42
CONTRACT NO. 60P67				
ILLINOIS FED. AID PROJECT				



LEGEND:

- ① THERMOPLASTIC PAVEMENT MARKING, WHITE LINE, 4 INCH
- ② THERMOPLASTIC PAVEMENT MARKING, YELLOW LINE, 4 INCH
- ③ THERMOPLASTIC PAVEMENT MARKING, WHITE LINE, 8 INCH
- ④ THERMOPLASTIC PAVEMENT MARKING, WHITE LINE, 45 DEGREE DIAGONAL, 12 INCH
- ✕ REMOVAL OF LUMINAIRE, EACH



KEY MAP

MATCHLINE SHEET 2

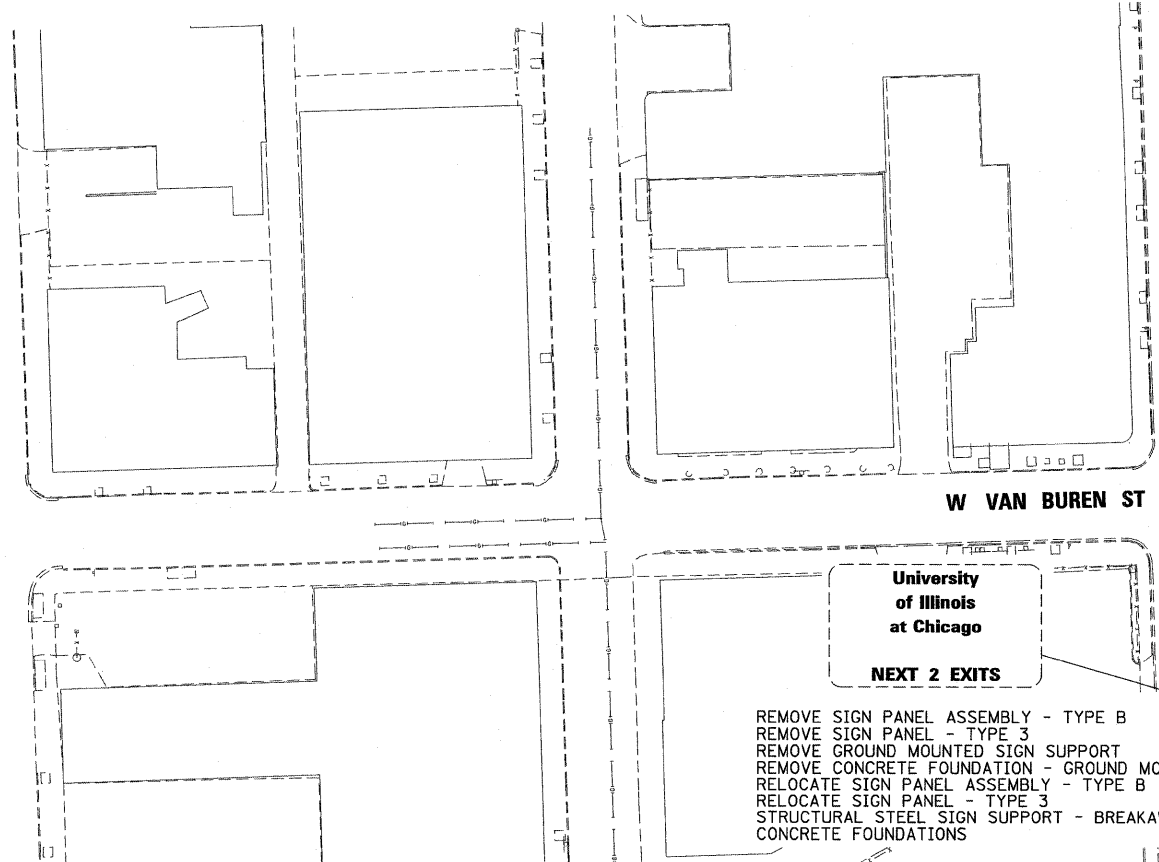
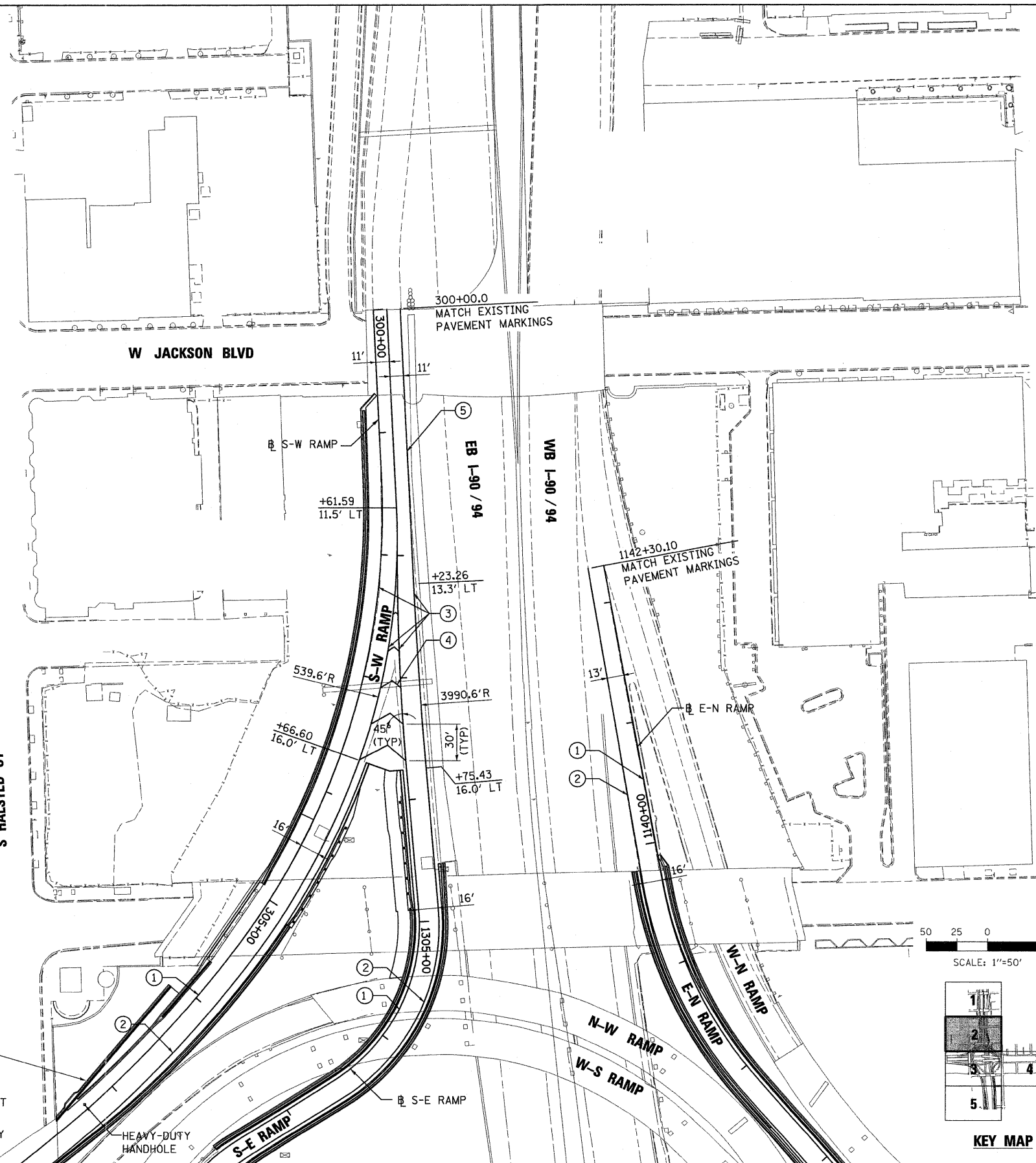
FILE NAME = 42_D60P67-shr-pmk01.dgn	USER NAME = USER:3690	DESIGNED - DLD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLAN			F.A.I. RTE. 90/94 /290	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:50	CHECKED - AAC	REVISED -						2011-055-I	COOK	107	43
	PLOT DATE = 9/8/2011	DATE - 08/04/11	REVISED -						CONTRACT NO. 60P67			
				SCALE: 1"=50'			SHEET NO. 1 OF 5 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		



LEGEND:

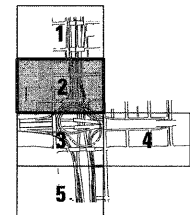
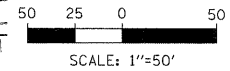
- ① THERMOPLASTIC PAVEMENT MARKING, WHITE LINE, 4 INCH
- ② THERMOPLASTIC PAVEMENT MARKING, YELLOW LINE, 4 INCH
- ③ THERMOPLASTIC PAVEMENT MARKING, WHITE LINE, 8 INCH
- ④ THERMOPLASTIC PAVEMENT MARKING, WHITE LINE, 45 DEGREE DIAGONAL, 12 INCH
- ⑤ THERMOPLASTIC PAVEMENT MARKING, YELLOW LINE, 8 INCH

✕ REMOVAL OF LUMINAIRE, EACH



REMOVE SIGN PANEL ASSEMBLY - TYPE B
 REMOVE SIGN PANEL - TYPE 3
 REMOVE GROUND MOUNTED SIGN SUPPORT
 REMOVE CONCRETE FOUNDATION - GROUND MOUNT
 RELOCATE SIGN PANEL ASSEMBLY - TYPE B
 RELOCATE SIGN PANEL - TYPE 3
 STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY
 CONCRETE FOUNDATIONS

HEAVY-DUTY
HANDHOLE



KEY MAP

FILE NAME =
43_D60P67-sh1-pmk02.dgn

USER NAME = USER3690

DESIGNED - DLD

REVISED -

DRAWN - ED

REVISED -

CHECKED - AAC

REVISED -

DATE - 08/04/11

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING PLAN

SCALE: 1"=50'

SHEET NO. 2 OF 5 SHEETS STA. TO STA.

F.A.I.
RTE.
90794
7290

SECTION

2011-055-1

COUNTY

COOK

TOTAL SHEETS

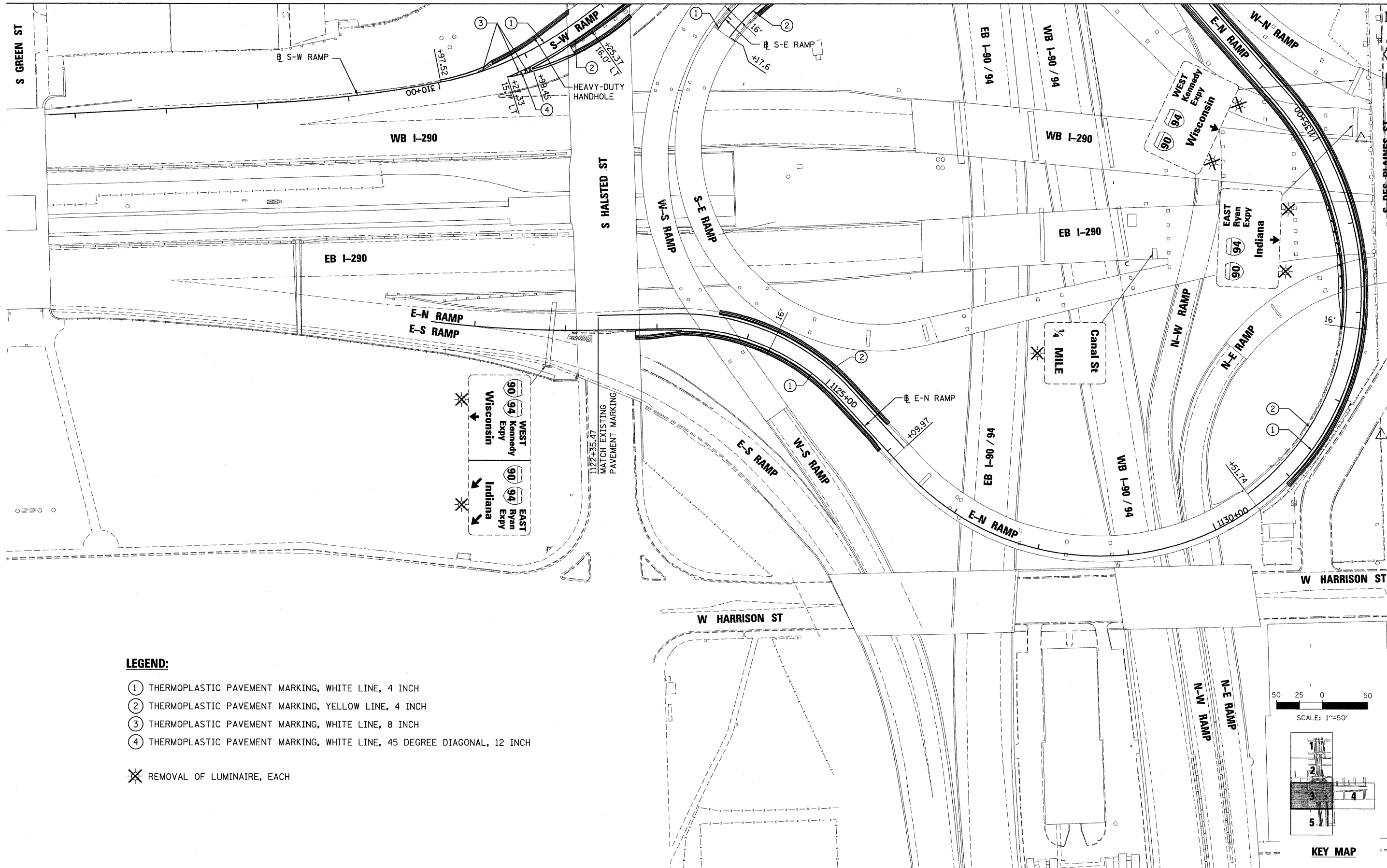
107

SHEET NO.

44

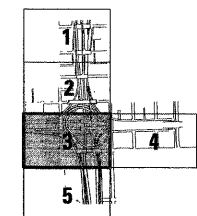
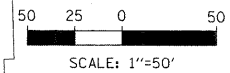
CONTRACT NO. 60P67

ILLINOIS FED. AID PROJECT



LEGEND:

- ① THERMOPLASTIC PAVEMENT MARKING, WHITE LINE, 4 INCH
 - ② THERMOPLASTIC PAVEMENT MARKING, YELLOW LINE, 4 INCH
 - ③ THERMOPLASTIC PAVEMENT MARKING, WHITE LINE, 8 INCH
 - ④ THERMOPLASTIC PAVEMENT MARKING, WHITE LINE, 45 DEGREE DIAGONAL, 12 INCH
- ✕ REMOVAL OF LUMINAIRE, EACH



FILE NAME = 44_D60P67-ahf-pmk03.dgn

USER NAME = USER3690	DESIGNED - DLD	REVISED -
PLOT SCALE = 1:50	DRAWN - ED	REVISED -
PLOT DATE = 9/8/2011	CHECKED - AAC	REVISED -
	DATE - 08/04/11	REVISED -

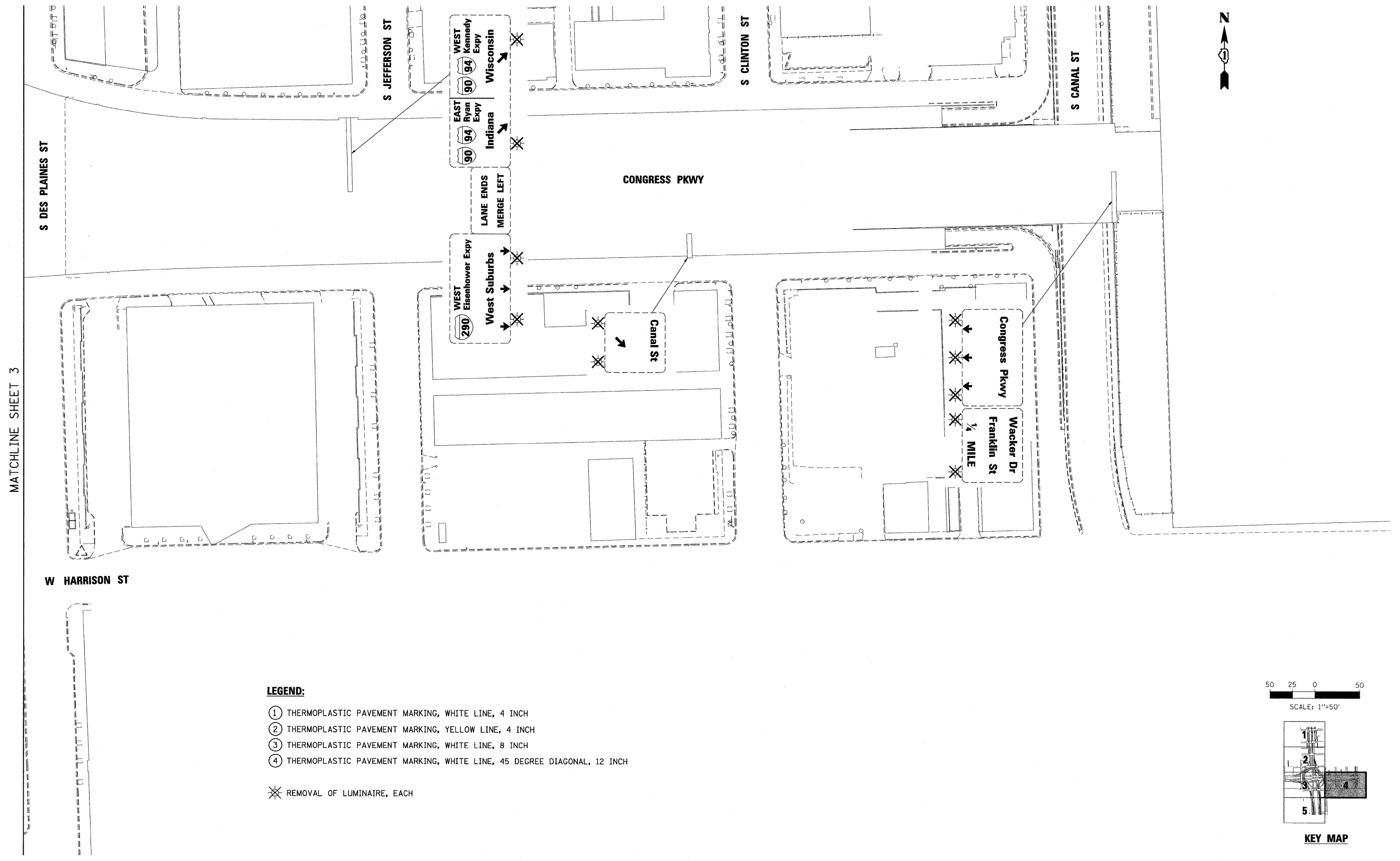
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING PLAN

SCALE: 1"=50' SHEET NO. 3 OF 5 SHEETS STA. TO STA.

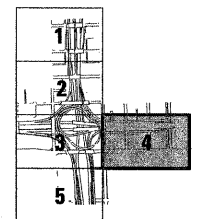
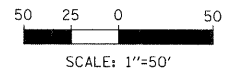
F.A.I. RTE. 90/94/290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 45
				CONTRACT NO. 60P67
ILLINOIS FED. AID PROJECT				

MATCHLINE SHEET 3



LEGEND:

- ① THERMOPLASTIC PAVEMENT MARKING, WHITE LINE, 4 INCH
- ② THERMOPLASTIC PAVEMENT MARKING, YELLOW LINE, 4 INCH
- ③ THERMOPLASTIC PAVEMENT MARKING, WHITE LINE, 8 INCH
- ④ THERMOPLASTIC PAVEMENT MARKING, WHITE LINE, 45 DEGREE DIAGONAL, 12 INCH
- ✕ REMOVAL OF LUMINAIRE, EACH



KEY MAP

FILE NAME = 45_D60P67-sht-pmk42.dgn

USER NAME = USER3690

PLOT SCALE = 1:50
PLOT DATE = 9/8/2011

DESIGNED - DLD
DRAWN - ED
CHECKED - AAC
DATE - 08/04/11

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING PLAN

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

F.A.I.
RTE.
90/94
/290

SECTION
2011-055-I

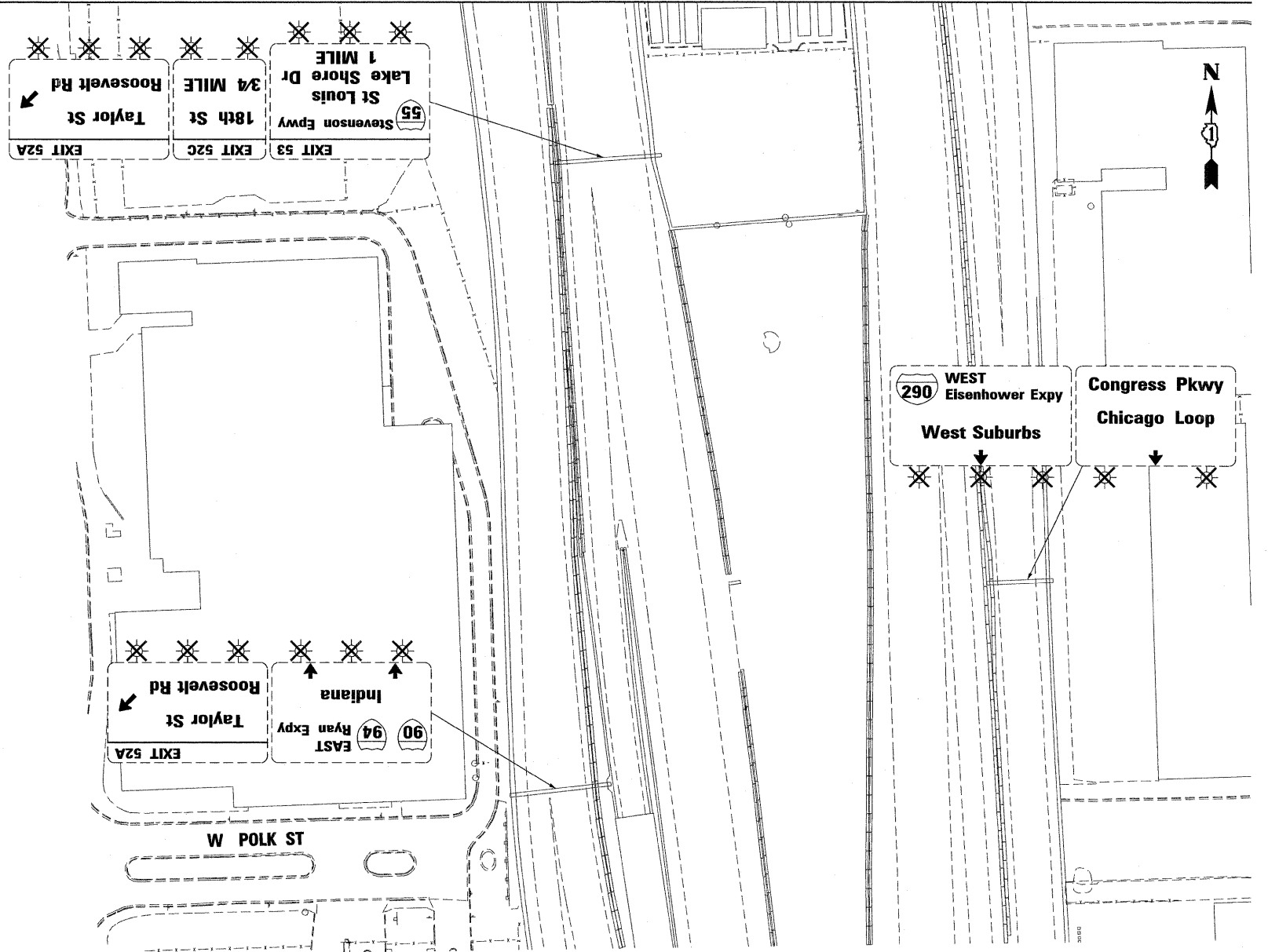
COUNTY
COOK

TOTAL SHEETS
107

SHEET NO.
46

CONTRACT NO. 60P67

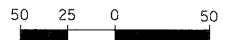
ILLINOIS FED. AID PROJECT



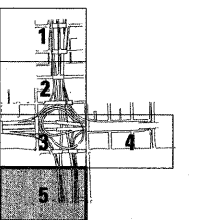
LEGEND:

- ① THERMOPLASTIC PAVEMENT MARKING, WHITE LINE, 4 INCH
- ② THERMOPLASTIC PAVEMENT MARKING, YELLOW LINE, 4 INCH
- ③ THERMOPLASTIC PAVEMENT MARKING, WHITE LINE, 8 INCH
- ④ THERMOPLASTIC PAVEMENT MARKING, WHITE LINE, 45 DEGREE DIAGONAL, 12 INCH

✕ REMOVAL OF LUMINAIRE, EACH



SCALE: 1"=50'



KEY MAP

FILE NAME = 46_D60P67-sht:pmk05.dgn
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USER NAME = USER:3690
PLOT SCALE = 1:50
PLOT DATE = 9/8/2011

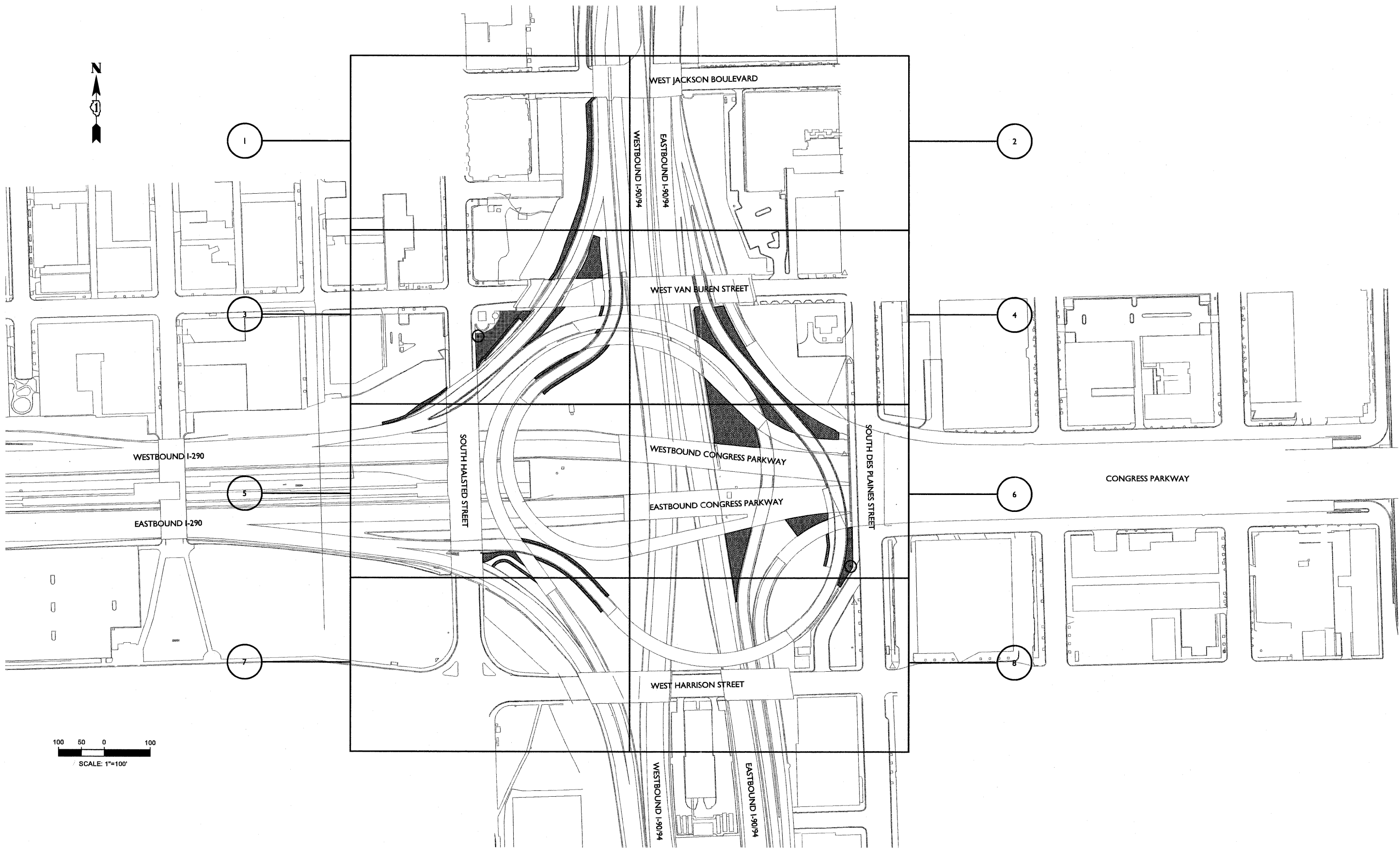
DESIGNED - DLD	REVISED -
DRAWN - ED	REVISED -
CHECKED - AAC	REVISED -
DATE - 08/04/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING PLAN

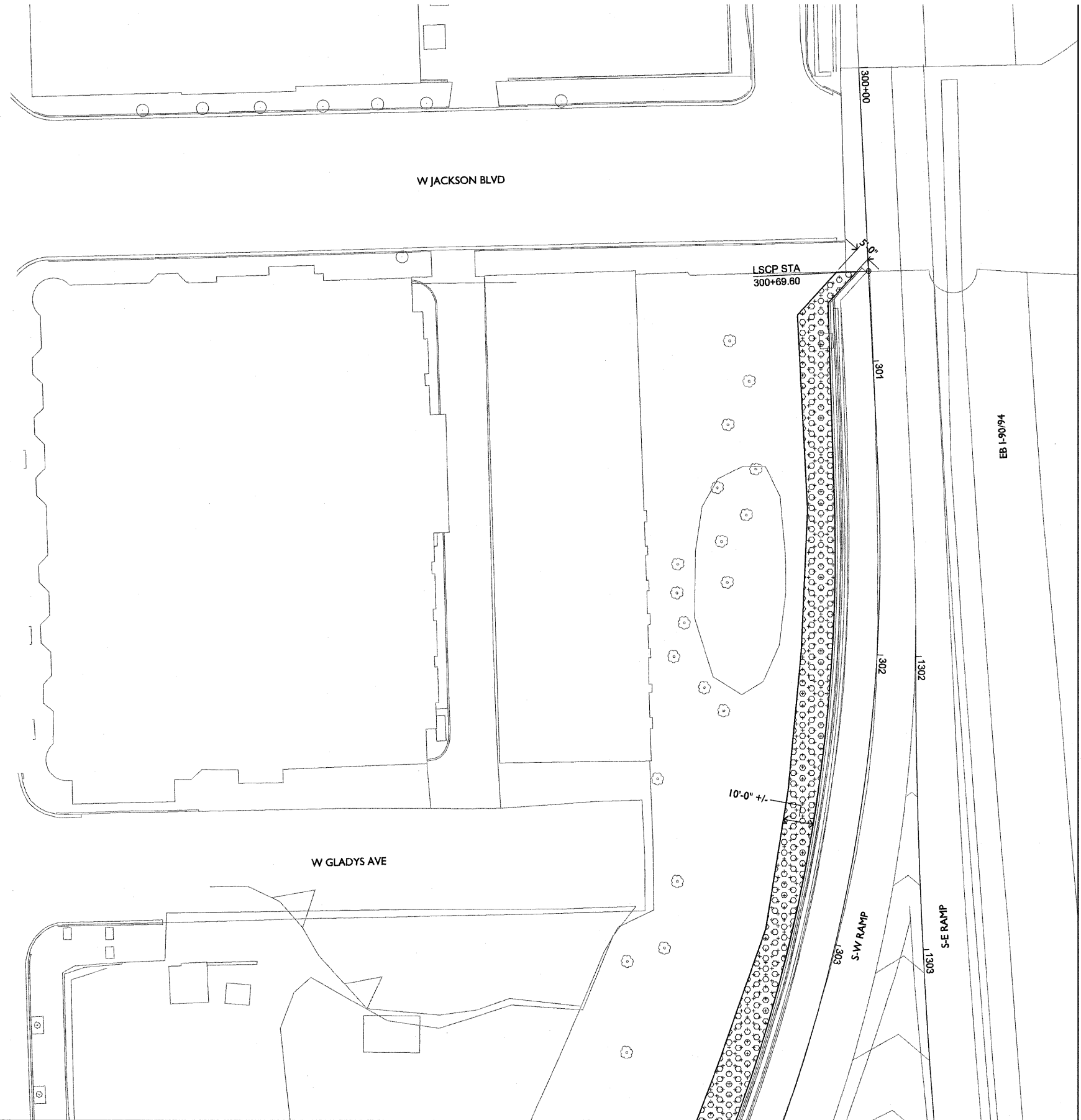
SCALE: 1"=50' SHEET NO. 5 OF 5 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 47
CONTRACT NO. 60P67				
ILLINOIS FED. AID PROJECT				



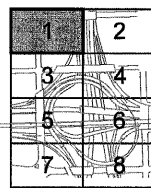
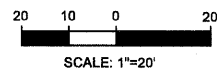
100 50 0 100
SCALE: 1"=100'

FILE NAME = D160P67Indscp-100.dgn	USER NAME = PBLANDING	DESIGNED TW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPING KEY PLAN			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1"=100'-0"	DRAWN PB	REVISED -					90/84/280	2011-055-1	COOK	107	48
	PLOT DATE = 09/07/11	CHECKED TW	REVISED -					CONTRACT NO. 60P67				
	PLOT DATE = 09/07/11	DATE 09/07/11	REVISED -					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
				SCALE: 1" = 100'-0"			SHEET NO. 4 OF 1 SHEETS		STA. TO STA.			



LEGEND:

TOPSOIL, FURNISH AND PLACE, 6", AND SEEDING, CLASS 2A



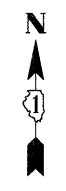
KEY MAP

MATCHLINE - SEE SHEET 3

MATCHLINE - SEE SHEET 2

FILE NAME = D160P67Indscp-101.dgn	USER NAME = PBLANDING	DESIGNED TW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPING PLAN		F.A.U. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1"=20'-0"	DRAWN PB	REVISED -				280/41	2011-0554	COOK	107	48
	PLOT DATE = 09/07/11	CHECKED TW	REVISED -				280				
	DATE 09/07/11	REVISED -			SCALE: 1"=20'-0"	SHEET NO. 1 OF 8 SHEETS	STA.	TO STA.	CONTRACT NO. 60P67 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

W JACKSON BLVD



MATCHLINE - SEE SHEET 1

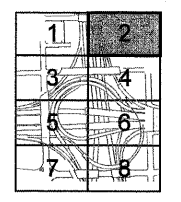
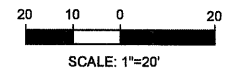
EB 1-90/94

WB 1-90/94

E-N RAMP
1142

W-N RAMP

1141



KEY MAP

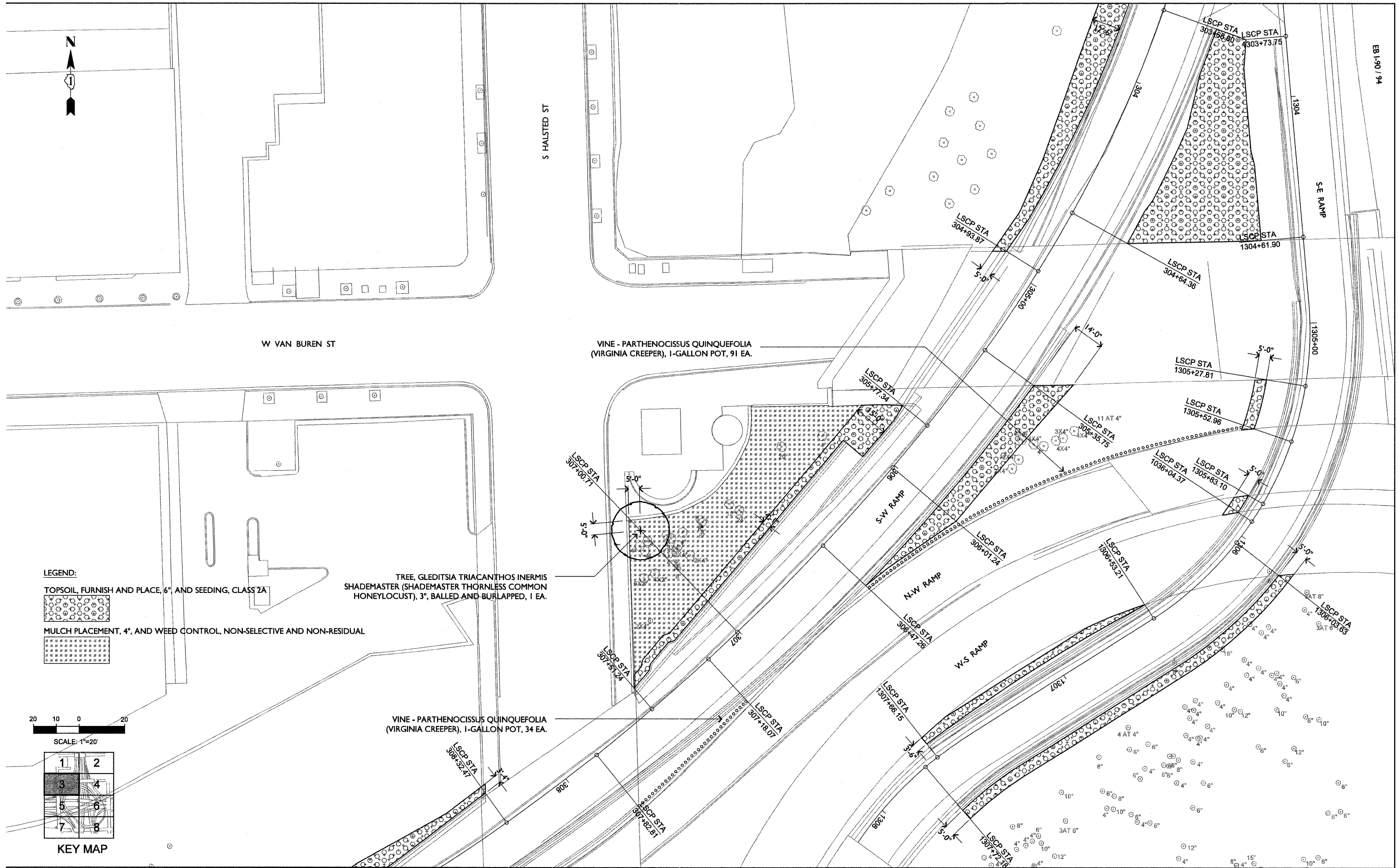
MATCHLINE - SEE SHEET 4

FILE NAME = D160P67Indscp-102.dgn	USER NAME = PBLANDING	DESIGNED TW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPING PLAN	F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1"=20'-0"	DRAWN PB	REVISED -			90/94	2011-055-1	COOK	107	60
	PLOT DATE = 09/07/11	CHECKED TW	REVISED -			CONTRACT NO. 60P67				
	PLOT DATE = 09/07/11	DATE 09/07/11	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
SCALE: 1" = 20'-0"						SHEET NO. 2 OF 8 SHEETS		STA.	TO STA.	

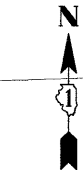
MATCHLINE - SEE SHEET 1

EB 1-90 / 94

MATCHLINE - SEE SHEET 4

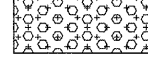


MATCHLINE - SEE SHEET 5

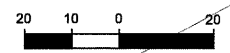


LEGEND:

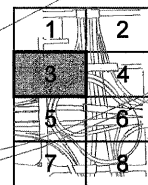
TOPSOIL, FURNISH AND PLACE, 6" AND SEEDING, CLASS 2A



MULCH PLACEMENT, 4", AND WEED CONTROL, NON-SELECTIVE AND NON-RESIDUAL



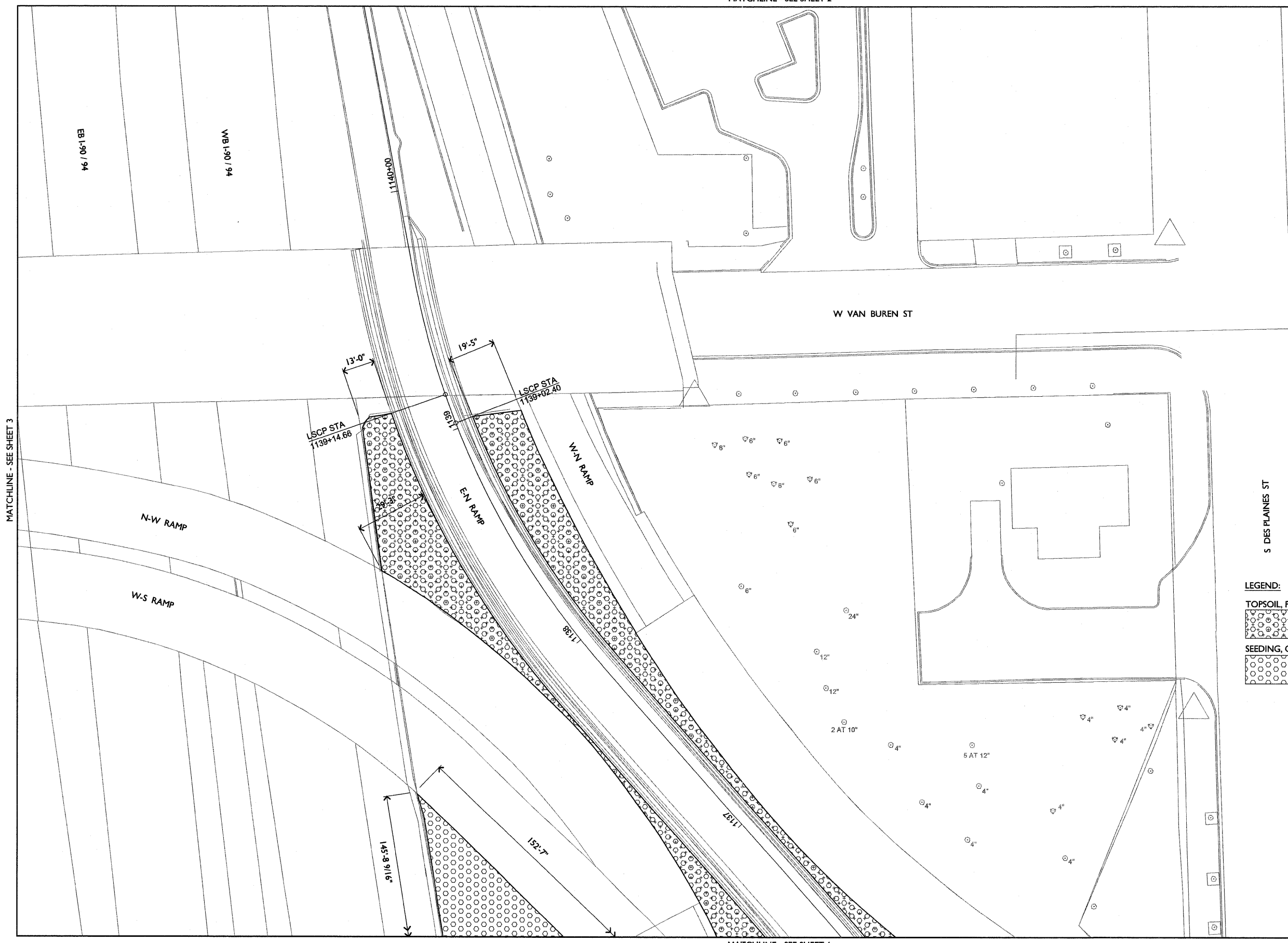
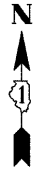
SCALE: 1"=20'



KEY MAP

FILE NAME = D160P67Indscp-103.dgn	USER NAME = PBLANDING	DESIGNED TW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPING PLAN			F.A.U. / RTE. / 250	SECTION 2011-0554	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 51
	PLOT SCALE = 1"=20'-0"	CHECKED TW	REVISED -		SCALE: 1"=20'-0"	SHEET NO. 3 OF 8 SHEETS	STA.	TO STA.	CONTRACT NO. 60P67			
	PLOT DATE = 09/07/11	DATE 09/07/11	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS							
								FED. AID PROJECT				

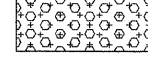
MATCHLINE - SEE SHEET 2



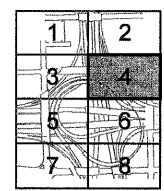
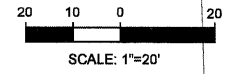
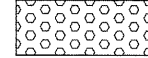
MATCHLINE - SEE SHEET 6

LEGEND:

TOPSOIL, FURNISH AND PLACE, 6", AND SEEDING, CLASS 2A



SEEDING, CLASS 2A ONLY (NO NEW TOPSOIL)



KEY MAP

FILE NAME =
D160P67Indscp-104.dgn

USER NAME = PBLANDING	DESIGNED TW	REVISED -
	DRAWN PB	REVISED -
PLOT SCALE = 1"=20'-0"	CHECKED TW	REVISED -
PLOT DATE = 09/07/11	DATE 09/07/11	REVISED -

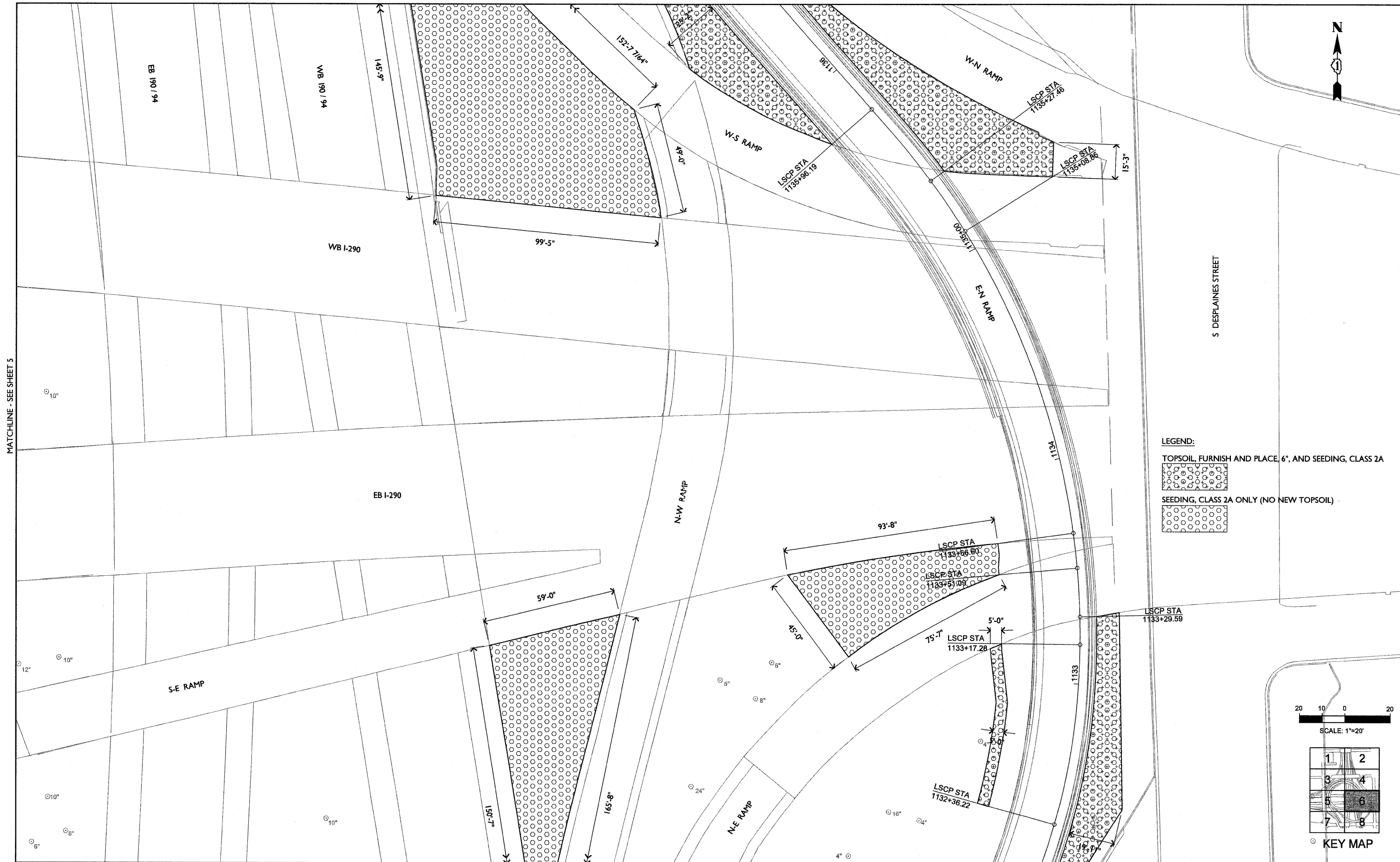
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN

SCALE: 1"=20'-0" SHEET NO. 4 OF 8 SHEETS STA. TO STA.

F.A.U. RTE. 90/94/290	SECTION 2011-055-4	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 52
FED. ROAD DIST. NO. 1 ILLINOIS		CONTRACT NO. 60P67 FED. AID PROJECT		

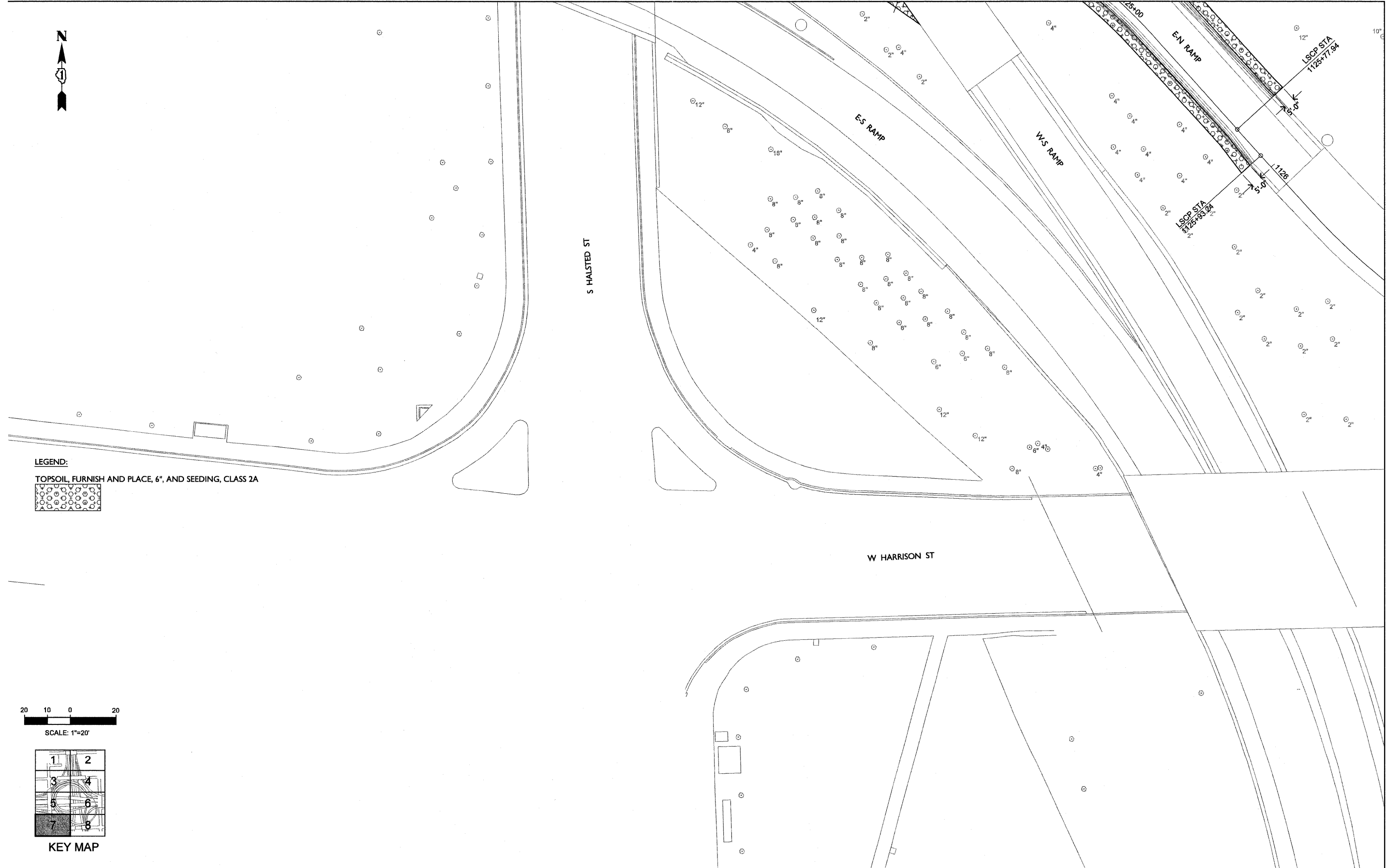
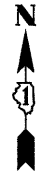
MATCHLINE - SEE SHEET 4



MATCHLINE - SEE SHEET 8

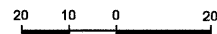
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	PLOT SCALE = 1"=20'-0"	DRAWN PB	REVISED -		SCALE: 1" = 20'-0"	SHEET NO. 6 OF 8 SHEETS	STA.	TO STA.	CONTRACT NO. 60P67			
	PLOT DATE = 09/07/11	CHECKED TW	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS							
		DATE 09/07/11	REVISED -		FED. AID PROJECT							

MATCHLINE - SEE SHEET 5

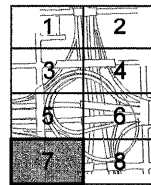


LEGEND:

TOPSOIL, FURNISH AND PLACE, 6", AND SEEDING, CLASS 2A



SCALE: 1"=20'



KEY MAP

MATCHLINE - SEE SHEET 8

FILE NAME = D160P67Indscp-107.dgn	USER NAME = PBLANDING	DESIGNED TW	REVISED -
		DRAWN PB	REVISED -
		CHECKED TW	REVISED -
		DATE 09/07/11	REVISED -

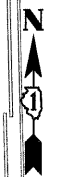
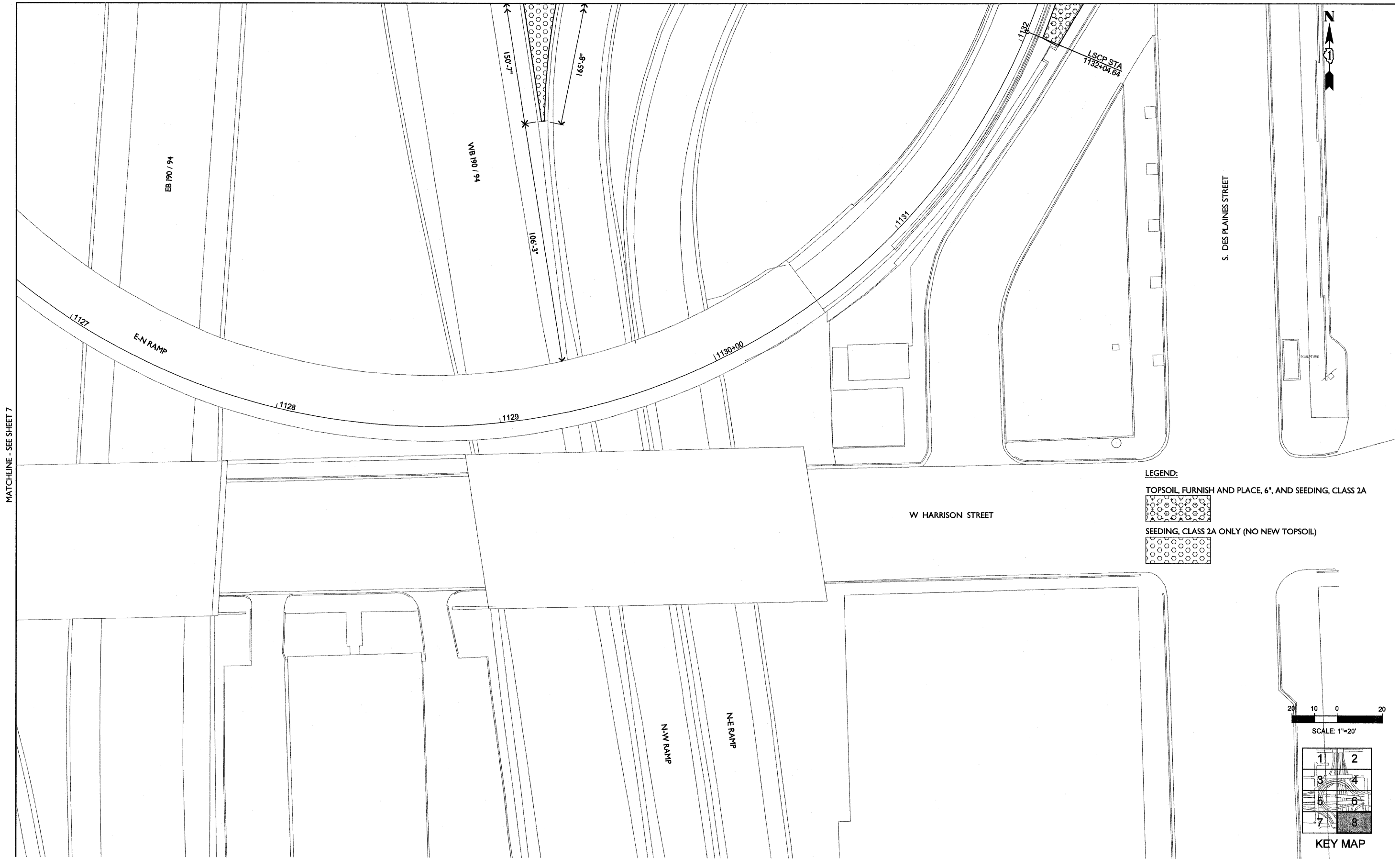
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

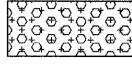
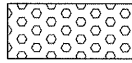
LANDSCAPING PLAN

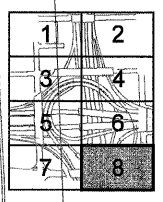
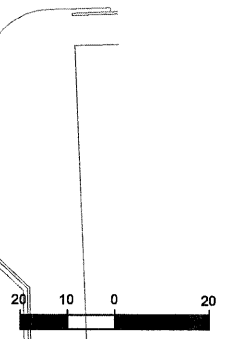
SCALE: 1" = 20'-0" SHEET NO. 7 OF 8 SHEETS STA. TO STA.

F.A.U. RTE. 300/4 250	SECTION 2011-0554	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 55
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 60P67 FED. AID PROJECT	

MATCHLINE - SEE SHEET 6



- LEGEND:**
- 
TOPSOIL, FURNISH AND PLACE, 6", AND SEEDING, CLASS 2A
 - 
SEEDING, CLASS 2A ONLY (NO NEW TOPSOIL)



KEY MAP

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		DRAWN PB	REVISED -
	PLOT SCALE = 1" = 20'	CHECKED TW	REVISED -
	PLOT DATE = 09/07/11	DATE 09/07/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPING PLAN

SCALE: 1" = 20'-0" SHEET NO. 8 OF 8 SHEETS STA. TO STA.

F.A.U. RTE. 80/94 260	SECTION 2011-055-1	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 56
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 60P67 FED. AID PROJECT	

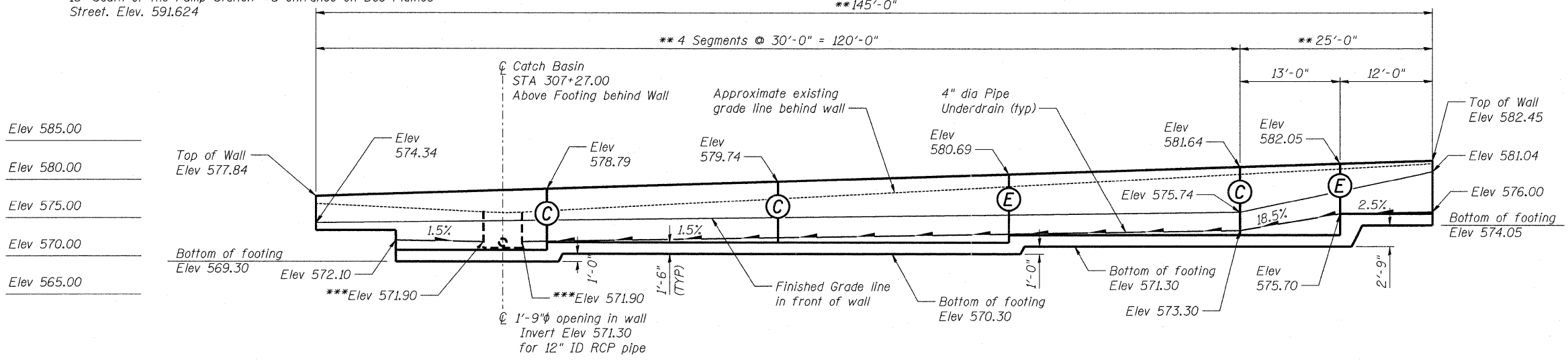
BENCHMARK:

CP #112 Chisled "X" on sidewalk at the southwest corner of Van Buren Street and Des Plaines Street, approximately 13' South of the Pump Station #5 entrance on Des Plaines Street. Elev. 591.624

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 1
290	2011-0551	COOK	107	69	4 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract #60P67



Elev 585.00
Elev 580.00
Elev 575.00
Elev 570.00
Elev 565.00

DESIGN SPECIFICATIONS

AASHTO 2002 Standard Specification for Highway Structures.

DESIGN STRESSES

f'c = 3,500 PSI
fy = 60,000 PSI
Minimum Required Soil Bearing Pressure = 2,000 PSF

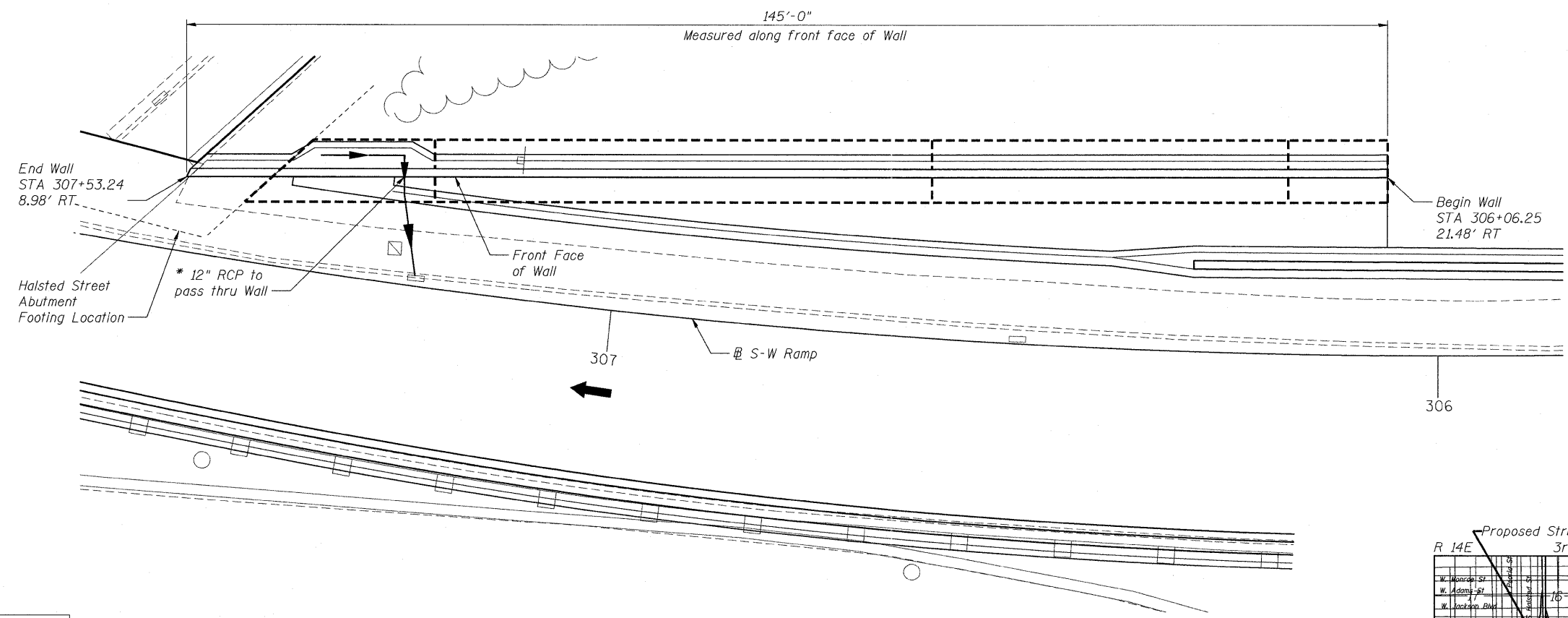
NOTES:

- (E) Expansion Joint in wall stem. (See Sheet 4 of 4 for detail)
- (C) Construction Joint in wall stem. (See Detail on Sheet 4 of 4)

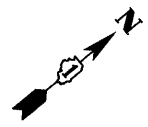
* For location of 12" ID RCP connection to existing drainage system, see Drainage Plans.

** Dimensions measured along front face of wall.

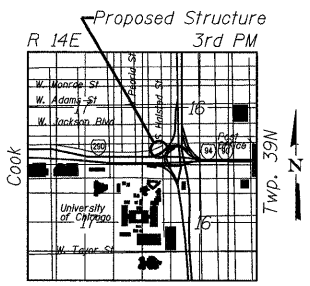
*** Connect pipe underdrain to catch basin as shown. Cost included in Pipe Underdrain for Structure, 4".



EXPIRATION DATE: 11-30-2012
DATE: _____



DESIGNED NDR
CHECKED DSE
DRAWN ZLM
CHECKED NDR



Stanley Consultants Inc.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No.: 1184-001533

GENERAL WALL PLAN AND ELEVATION
CIRCLE INTERCHANGE RETAINING WALL
I-90/I-94/I-290
EB I-90/94 TO WB I-290
F.A.I. 94 /290-SECT. (2011-0551)
COOK COUNTY
STATION 306+79.75
SN 016-7008

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 2
290	2011-0551	COOK	107	70	4 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract #60P67

INDEX OF DRAWINGS

Sheet No.	Title
1 of 4	General Wall Plan & Elevation
2 of 4	Index and Notes
3 of 4	Wall Reinforcing Plan and Section
4 of 4	Wall Details and Bar Schedules

GENERAL NOTES

- Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions.
- Cover from face of concrete to face of reinforcement bars shall be 3" for surfaces formed against earth and 2" for all other surfaces unless otherwise shown.
- Reinforcing bar bending dimensions are out to out.
- Reinforcement bars designated (E) shall be epoxy coated.
- Reinforcement bar splices shall be in accordance with the following table unless shown otherwise on the drawing.

Minimum Lap

Size	Lap
#4	2'-7"
#5	3'-3"

- No construction joints except those shown on the plans will be allowed unless ordered by the engineer.
- An application of Protective Coat shall be applied to the top and traffic face of the wall.
- Geocomposite wall drain is to be continuous over the entire length of the back face of the concrete wall.
- When excavating for the wall's footing, the Contractor shall use a method that will result in minimal disturbance to the underlying soil.
- Brace excavation at East end of wall adjacent to existing slopewall to prevent undermining existing wall. Cost of braced excavation shall be included in the pay item cost for Structure Excavation.

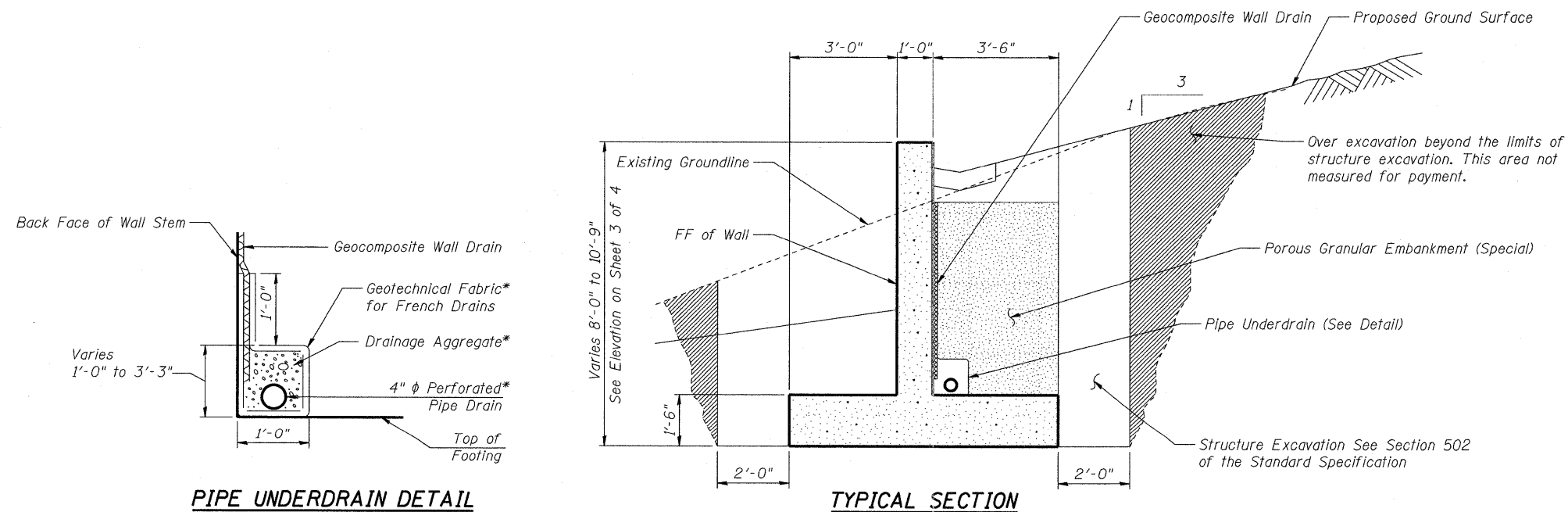
**LENGTH FROM WEST END OF WALL	**STATION AT FRONT FACE OF WALL (ft)	TOP OF WALL ELEVATION AT FRONT FACE OF WALL (ft)	HEIGHT OF WALL (ft)
0'-0"	307+53.24	577.84	***8.54
30'-0"	307+23.21	578.79	9.49
60'-0"	306+92.93	579.74	9.44
90'-0"	306+62.44	580.69	10.39
120'-0"	306+31.83	581.64	10.34
133'-0"	306+18.53	582.05	10.75
145'-0"	306+06.25	582.45	8.40

**Measured along front face of retaining wall.

***8.54 ft is projected height if Halsted Street footing were not present.

TOTAL BILL OF MATERIAL

Item	UNIT	TOTAL
Porous Granular Embankment (Special)	Cu Yd	115.0
Structure Excavation	Cu Yd	529.0
Concrete Structures	Cu Yd	103
Protective Coat	Sq Yd	146
Reinforcement Bars, Epoxy Coated	Pound	9810
Geocomposite Wall Drain	Sq Yd	98.0
Pipe Underdrain for Structures, 4"	Foot	134
Drill And Grout Bars	Each	28



PIPE UNDERDRAIN DETAIL

*Included in the cost of (Pipe Underdrains for Structures, 4")

TYPICAL SECTION

DESIGNED	NDR
CHECKED	DSE
DRAWN	ZLM
CHECKED	NDR

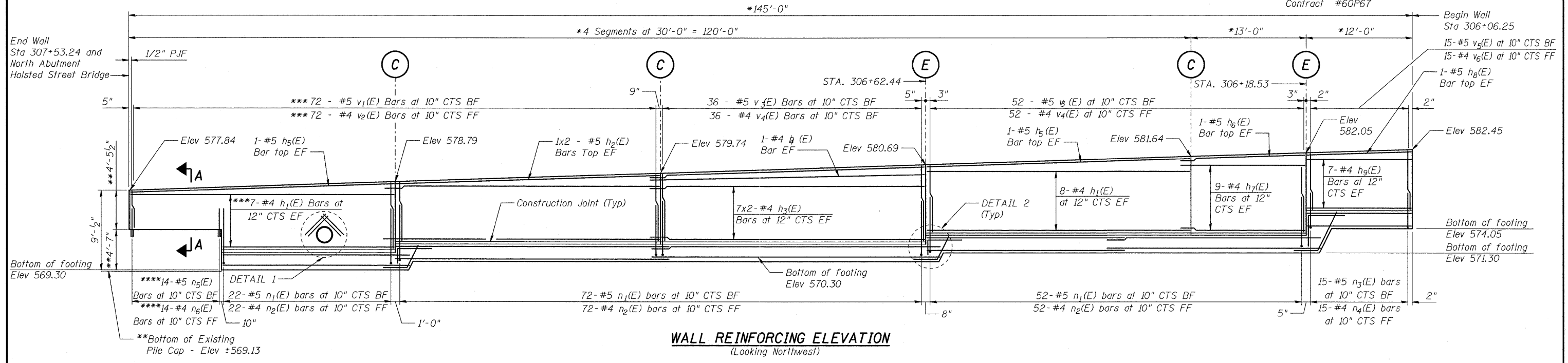
Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No.: 1184-001533

INDEX AND NOTES
CIRCLE INTERCHANGE RETAINING WALL
I-90/I-94/I-290
EB I-90/94 TO WB I-290
F.A.I. 94 /290-SECT. (2011-0551)
COOK COUNTY
SN 016-0008

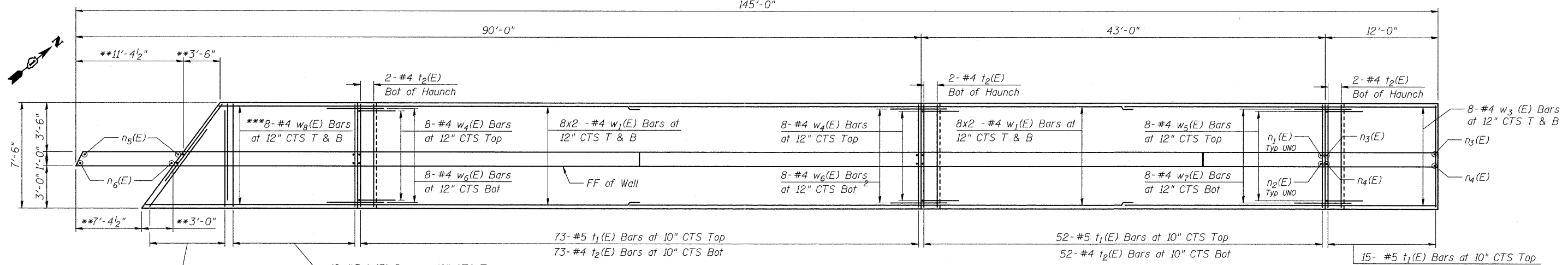
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET	SHEET NO.
290	2011-0551	COOK	107	71	4 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract #60P67



WALL REINFORCING ELEVATION
(Looking Northwest)



FOOTING REINFORCING PLAN

NOTES:

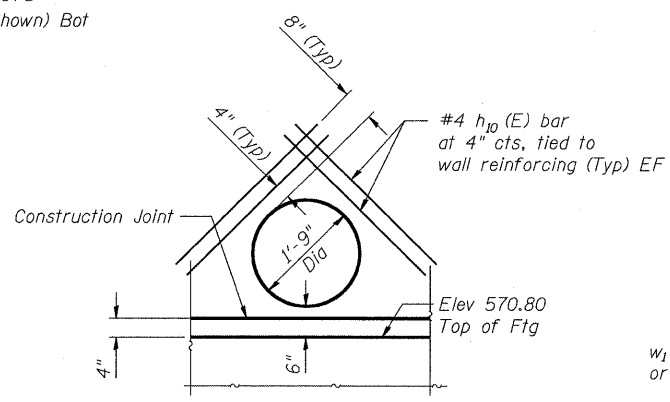
For Bill of Material See Sheet 4 of 4.
Bars indicated Thus: 7 x 2- #4 Denotes 7 Lines of #4 Bars with 2 Lengths Per Line.
See Sheet 4 of 4 for Section A-A.

ABBREVIATION LIST

Bot	Bottom
BF	Back Face
Exp	Expansion
EF	Each Face
FF	Front Face
Jt	Joint
T&B	Top & Bottom
Typ	Typical
Typ UNO	Typical Unless Noted Otherwise

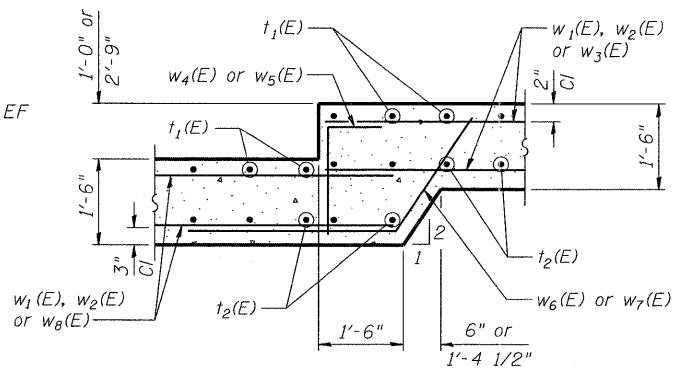
MIN BAR LAP

#4 bars = 2'-7"
#5 bars = 3'-3"



DETAIL 1

Cut Wall reinforcement as needed to pass through Pipe opening in wall.



DETAIL 2

DESIGNED	NDR
CHECKED	DSE
DRAWN	ZLM
CHECKED	NDR

**WALL REINFORCING PLAN AND SECTION
CIRCLE INTERCHANGE RETAINING WALL**

I-90/I-94/I-290
EB I-90/94 TO WB I-290
F.A.I. 94 /290-SECT. (2011-0551)
COOK COUNTY
SN016-0008

***Order Bars full length and cut to fit as required at west end of Wall.
****See Note on Section A-A, Sheet 4 of 4.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

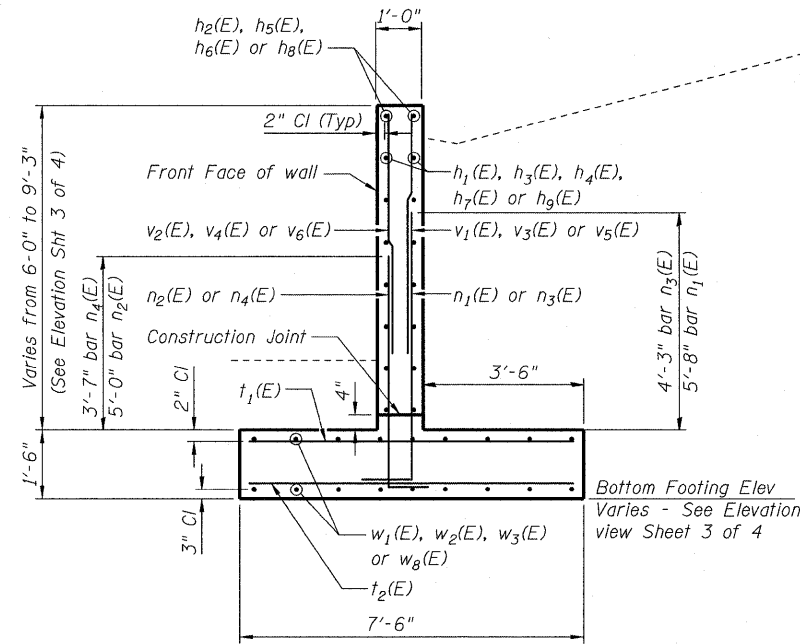
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2011-0551	COOK	107	72
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

SHEET NO. 4
4 SHEETS

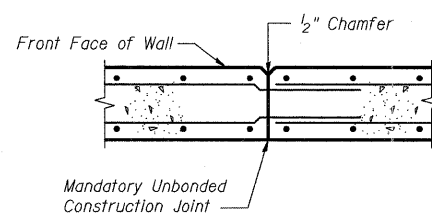
Contract #60P67

BILL OF MATERIAL

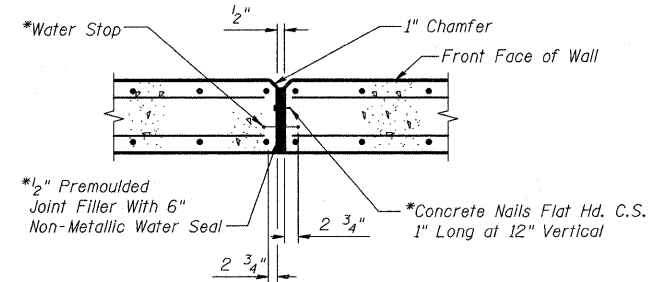
Bar	No.	Size	Length	Shape
h1 (E)	30	#4	29'-8"	—
h2 (E)	4	#5	33'-4"	—
h3 (E)	28	#4	32'-7"	—
h4 (E)	2	#4	32'-9"	—
h5 (E)	4	#5	29'-9"	—
h6 (E)	2	#5	16'-3"	—
h7 (E)	18	#4	15'-7"	—
h8 (E)	2	#5	11'-8"	—
h9 (E)	14	#4	11'-8"	—
h10 (E)	8	#4	3'-10"	—
n1 (E)	146	#5	7'-9"	┘
n2 (E)	146	#4	6'-11"	┘
n3 (E)	15	#5	6'-4"	┘
n4 (E)	15	#4	5'-6"	┘
n5 (E)	14	#5	4'-5"	—
n6 (E)	14	#4	3'-3"	—
t1 (E)	178	#5	7'-2"	—
t2 (E)	184	#4	7'-2"	—
v1 (E)	72	#5	5'-7"	—
v2 (E)	72	#4	5'-5"	—
v3 (E)	88	#5	6'-8"	—
v4 (E)	88	#4	6'-8"	—
v5 (E)	15	#5	5'-9"	—
v6 (E)	15	#4	5'-1"	—
w1 (E)	32	#4	32'-2"	—
w2 (E)	32	#4	23'-5"	—
w3 (E)	16	#4	11'-8"	—
w4 (E)	16	#4	5'-4"	┘
w5 (E)	8	#4	7'-1"	┘
w6 (E)	16	#4	6'-11"	┘
w7 (E)	8	#4	8'-11"	┘
w8 (E)	16	#4	24'-1"	—
Structure Excavation		Cu Yd	529	
Concrete Structures		Cu Yd	103	
Reinforcing Steel, Epoxy Coated		Pound	9810	
Drill and Grout Bars		Each	28	



TYPICAL SECTION



CONSTRUCTION JOINT DETAIL

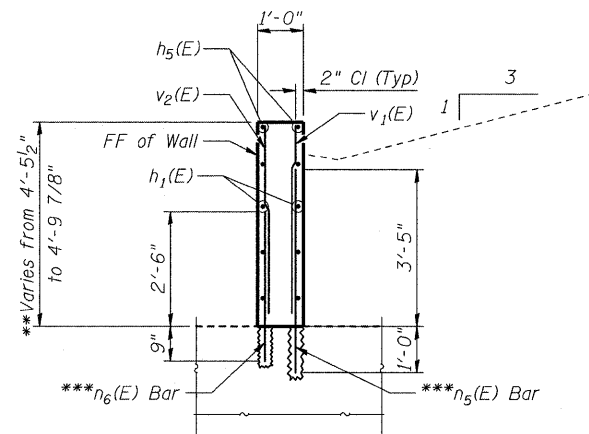


EXPANSION JOINT DETAIL

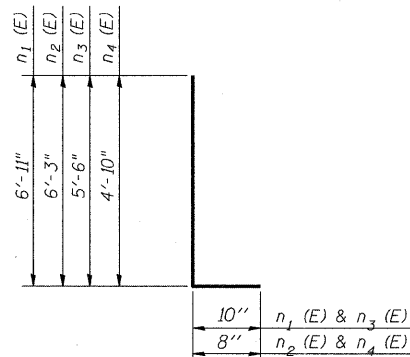
(Stem of Wall Only, Not In Footing)

* Cost Included With Concrete Structures

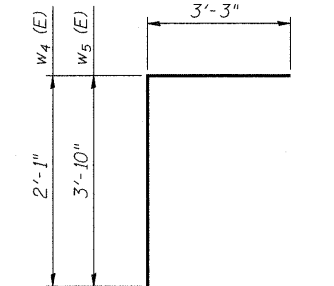
RETAINING WALL JOINT DETAILS



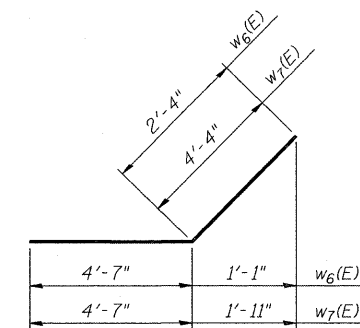
SECTION A-A



BARS n1 (E) Through n4 (E)



BARS w4 (E) and w5 (E)



BARS w6 (E) and w7 (E)

** Contractor to verify dimensions and elevation of Halsted St. North Abutment foundation and adjust dimensions of proposed Retaining Wall to hold top of wall elevations should field conditions deviate from plans.

*** Epoxy grout n5(E) and n6(E) bars in 12" and 9" minimum drill holes respectively according to Section 584 of the Standard Specifications. The grout and method of application shall be approved by the Engineer. Cost of hole drilling and epoxy grouting shall be paid for at the contract unit price each for Drill and Grout Bars.

DESIGNED	NDR
CHECKED	DSE
DRAWN	ZLM
CHECKED	NDR

ABBREVIATION LIST

FF Front Face
BF Back Face

**WALL DETAILS AND BAR SCHEDULES
CIRCLE INTERCHANGE RETAINING WALL**

I-90/I-94/I-290

EB I-90/94 TO WB I-290

F.A.I. 94 /290-SECT. (2011-0551)

COOK COUNTY

SN 016-0008

BENCHMARK:

CP #112 Chisled "X" on sidewalk at the southwest corner of Van Buren Street and Des Plaines Street, approximately 13' South of the Pump Station #5 entrance on Des Plaines Street. Elev. 591.624

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO.
290	2011-0551	COOK	107	73	3 SHEETS

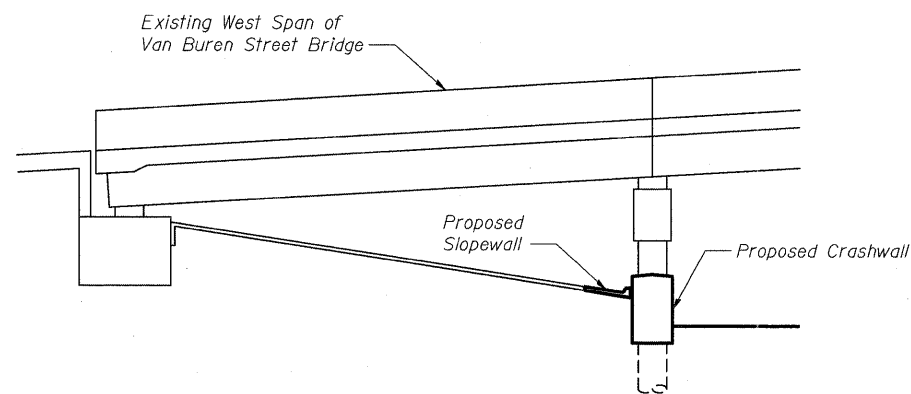
Contract #60P67

DESIGN SPECIFICATIONS

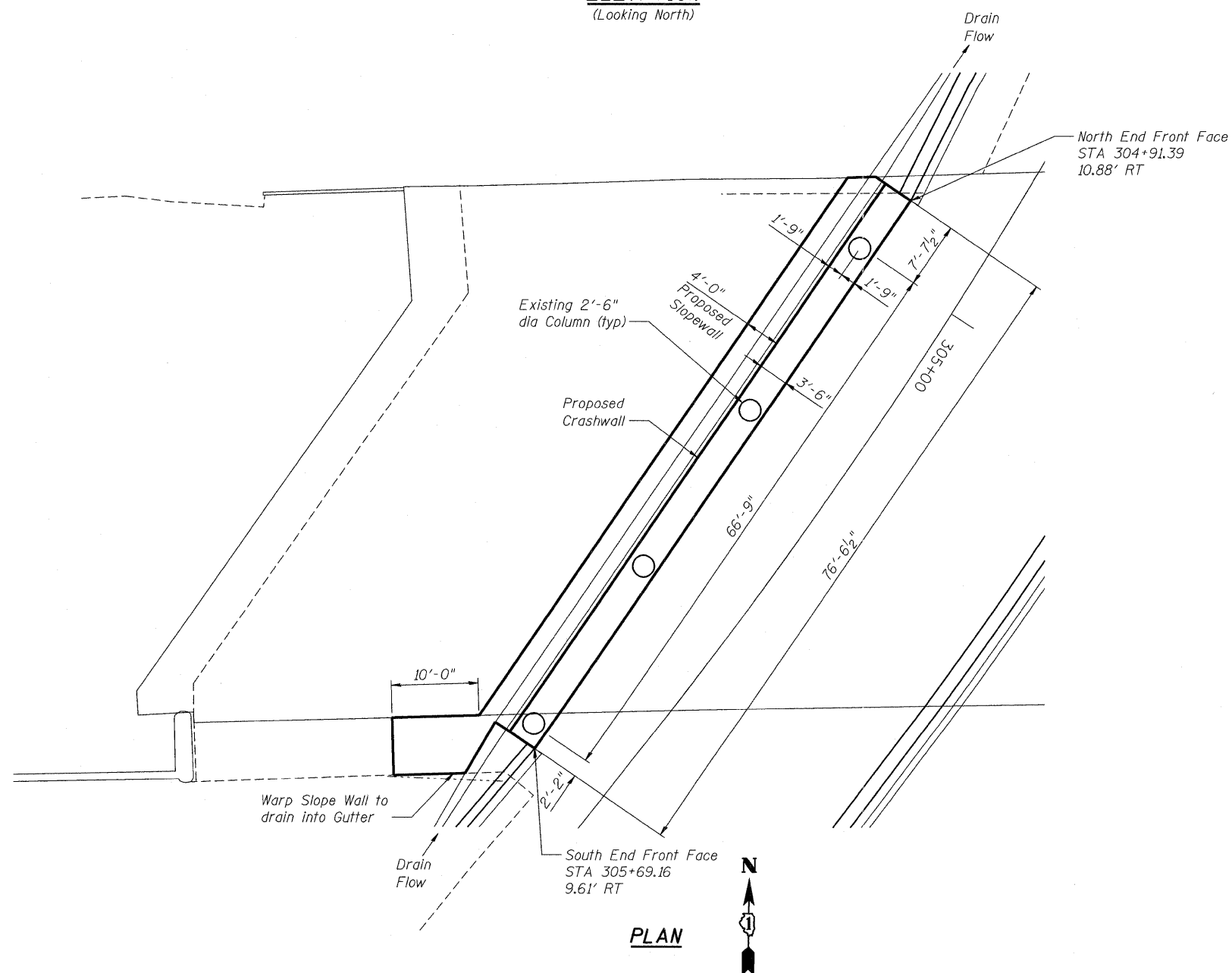
AASHTO 2002 Standard Specification for Highway Bridges.

DESIGN STRESSES

$f'_c = 3,500 \text{ PSI}$
 $f_y = 60,000 \text{ PSI}$
 Maximum Allowable Soil Bearing Pressure = 2,000 PSF

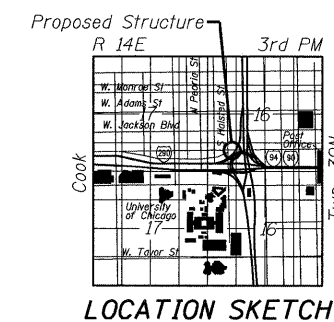


ELEVATION
(Looking North)



EXPIRATION DATE: 11-30-2012
DATE: _____

Stanley Consultants INC.
 8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanleyconsultants.com
 Illinois Firm Registration No.: 1184-001533



GENERAL PLAN & ELEVATION
I-90/I-94/I-290
EB I-90/94 TO WB I-290
F.A.I. 94 /290-SECT. (2011-0551)
COOK COUNTY
STATION 305+30

DESIGNED	DSE
CHECKED	NDR
DRAWN	ZLM
CHECKED	DSE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 2
290	2011-0551	COOK	107	74	3 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract #60P67

INDEX OF DRAWINGS

Sheet No.	Title
1 of 3	General Plan & Elevation
2 of 3	General Notes & Total Bill of Material
3 of 3	Crashwall Details

GENERAL NOTES

- Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions.
- Cover from face of concrete to face of reinforcement bars shall be 3" for surfaces formed against earth and 2" for all other surfaces unless otherwise shown.
- Reinforcing bar bending dimensions are out to out.
- Reinforcement bars designated (E) shall be epoxy coated.
- Reinforcement bar splices shall be in accordance with the following table unless shown otherwise on the drawing.

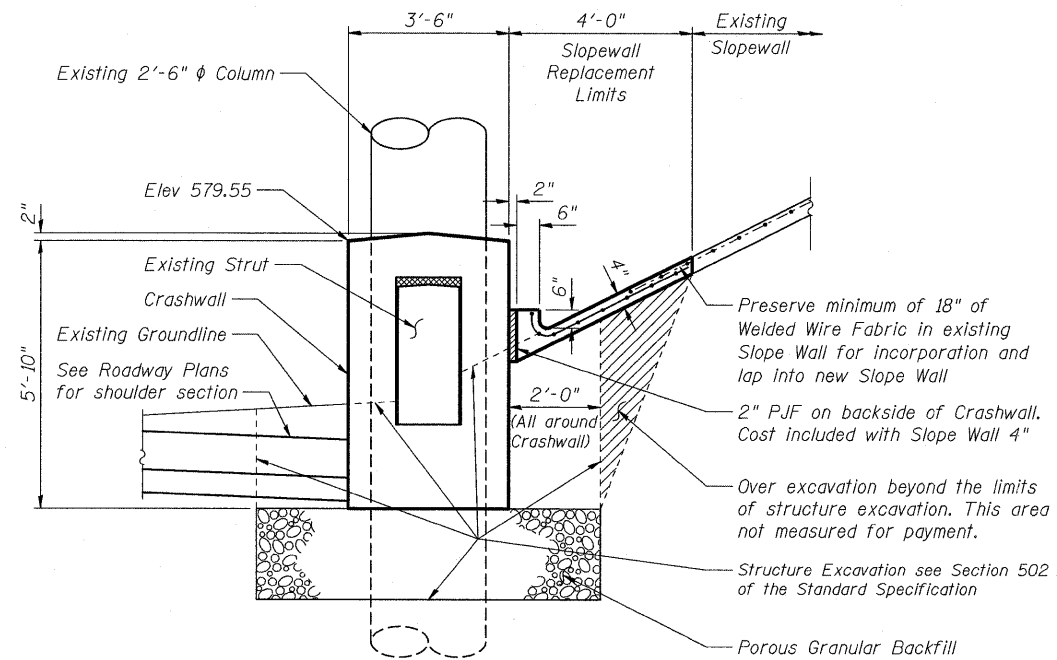
Minimum Lap

Size	Lap
#5	3'-3"

- No construction joints except those shown on the plans will be allowed unless ordered by the engineer.
- An application of Protective Coat shall be applied to the top, ends and traffic face of the Crashwall.
- When excavating for the Crashwall's granular base, the Contractor shall use a method that will result in minimal disturbance to the underlying soil.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Backfill	Cu Yd	43
Protective Coat	Sq Yd	84
Slope Wall Removal	Sq Yd	54
Structural Excavation	Cu Yd	108
Concrete Structures	Cu Yd	44
Reinforcement Bars, Epoxy-Coated	Pound	4060
Slope Wall 4"	Sq Yd	43



TYPICAL SECTION

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CHECKED	NDR
DRAWN	ZLM
CHECKED	DSE

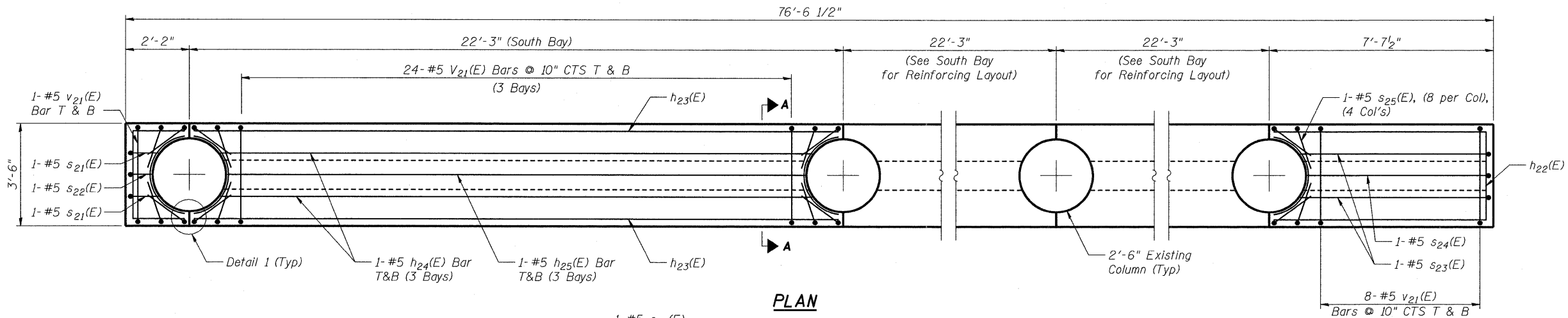
Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No.: 1184-001533

**GENERAL NOTES &
TOTAL BILL OF MATERIALS
I-90/I-94/I-290
EB I-90/94 TO WB I-290
F.A.I. 94 /290-SECT. (2011-0551)
COOK COUNTY
STATION 305+30**

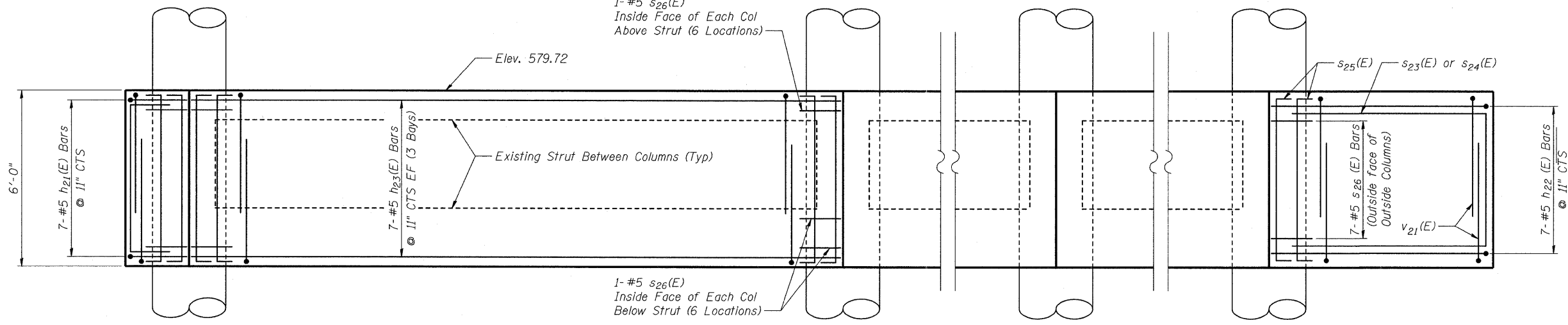
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET	SHEET NO.
290	2011-0551	COOK	107	75	3
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

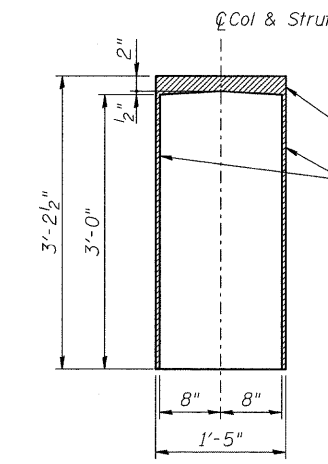
Contract #60P67



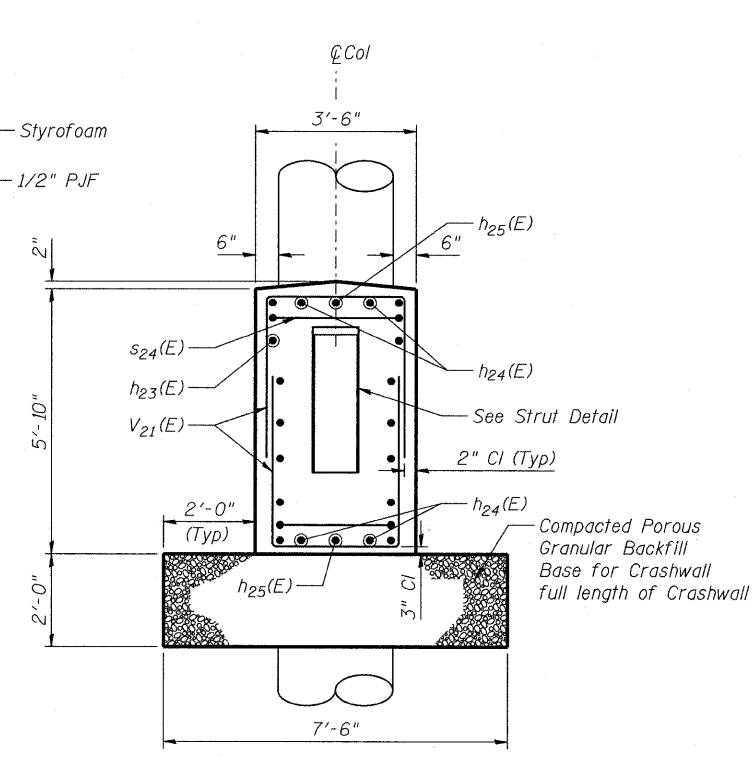
PLAN



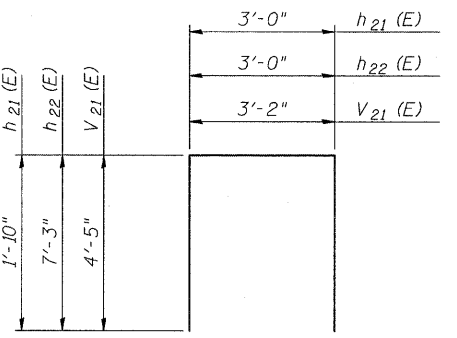
ELEVATION
(Looking Northwest)



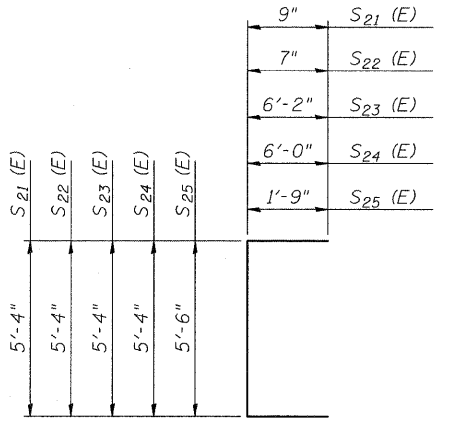
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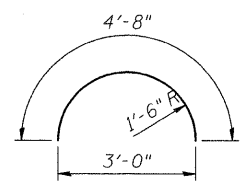
SECTION A-A



BARS $h_{21} (E)$, $h_{22} (E)$ & $V_{21} (E)$

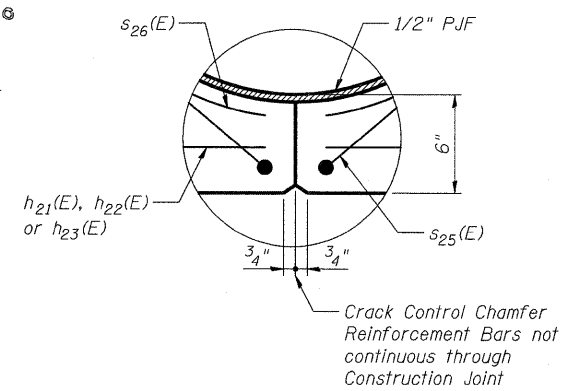


BARS $S_{21} (E)$, $S_{22} (E)$, $S_{23} (E)$, $S_{24} (E)$ & $S_{25} (E)$



BAR $S_{26} (E)$

BILL OF MATERIAL				
Bar	No.	Size	Length (ft)	Shape
$h_{21} (E)$	7	#5	6'-8"	□
$h_{22} (E)$	7	#5	17'-6"	□
$h_{23} (E)$	42	#5	21'-11"	□
$h_{24} (E)$	12	#5	19'-9"	□
$h_{25} (E)$	6	#5	19'-5"	□
$S_{21} (E)$	2	#5	6'-10"	□
$S_{22} (E)$	1	#5	6'-6"	□
$S_{23} (E)$	2	#5	17'-8"	□
$S_{24} (E)$	1	#5	17'-4"	□
$S_{25} (E)$	32	#5	9'-0"	□
$S_{26} (E)$	32	#5	4'-8"	□
$V_{21} (E)$	162	#5	12'-0"	□
Item	Unit	Total		
Concrete Structures	Cu Yd	44		
Reinforced Bars, Epoxy Coated	Pound	4060		



DETAIL 1

NOTES:

- Wrap outside of each column with 1/2" Preformed Joint Filler for full height of Crashwall.
- 1/2" P.J.F. and Styrofoam included with pay item Concrete Structures.

ABBREVIATION LIST

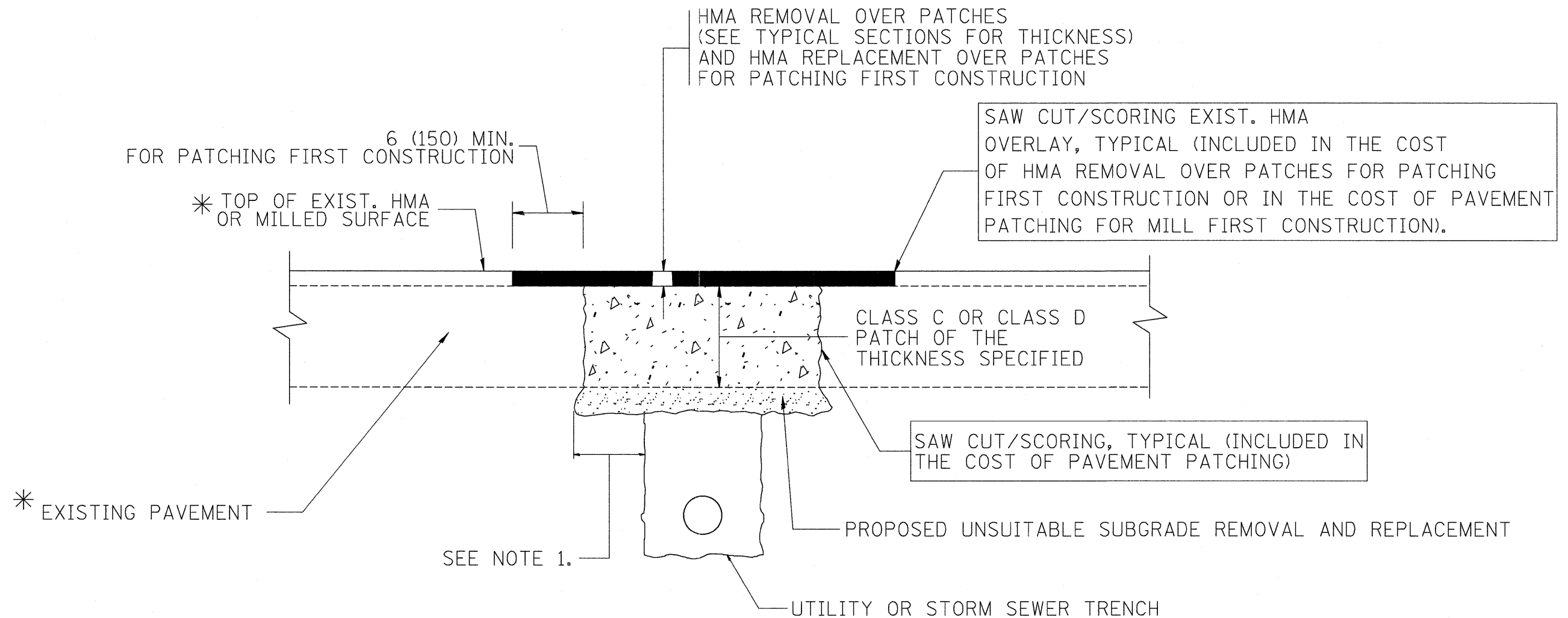
Col	Column
EF	Each Face
P.J.F.	Preformed Joint Filler
T&B	Top and Bottom
Typ	Typical

MIN BAR LAP

#5 bars = 3'-3"

DESIGNED	DSE
CHECKED	NDR
DRAWN	ZLM
CHECKED	DSE

CRASHWALL DETAILS
I-90/I-94/I-290
EB I-90/94 TO WB I-290
F.A.I. 94 /290-SECT. (2011-0551)
COOK COUNTY
STATION 305+30



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

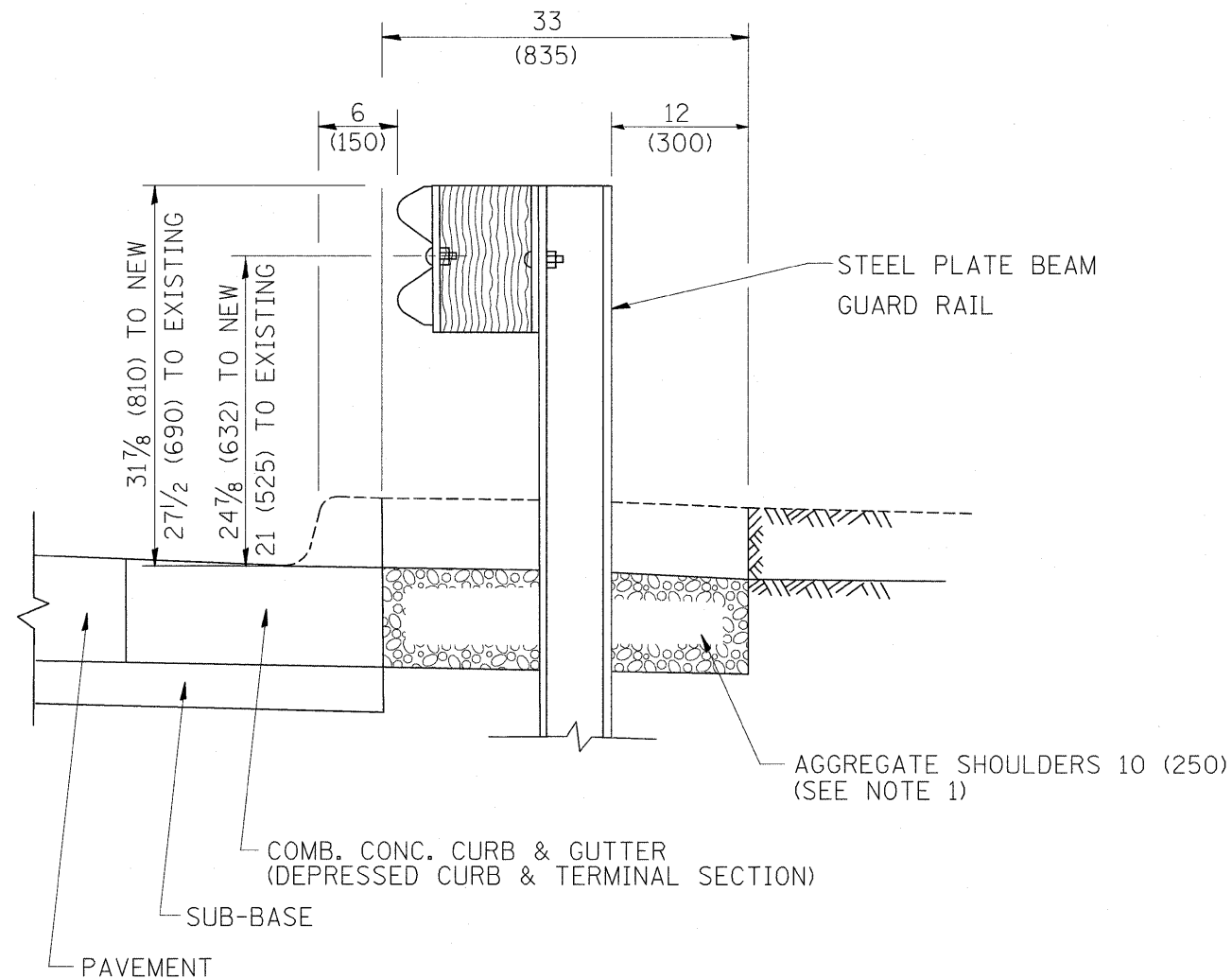
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

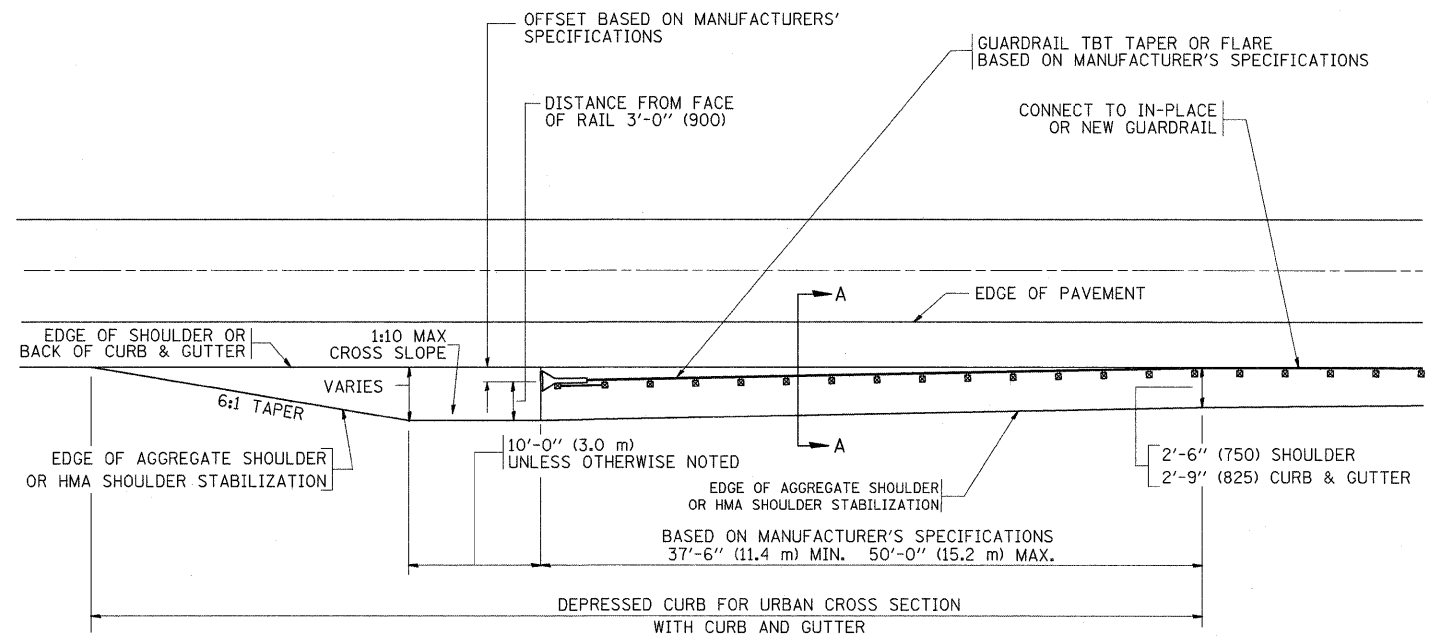
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	PLOT SCALE = 50,000 ' / IN.	DRAWN -	REVISED - R. BORO 01-01-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 60P67			
	PLOT DATE = 10/27/2008	CHECKED -	REVISED - R. BORO 09-04-07		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE - 10-25-94	REVISED - K. ENG 10-27-08									



SECTION A-A

- NOTES:
1. THE AGGREGATE SHOULDER, 10" OR HMA SHOULDER, 6" (IF REQUIRED) SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL.
 2. "EXISTING" GUARDRAIL REFERS TO CONNECTING TERMINAL SECTION TO GUARD RAILING PRIOR TO THE MIDWEST GUARDRAIL SYSTEM.
 3. THE CONTRACTOR SHALL VERIFY THE TYPE/HEIGHT OF GUARDRAIL IN-PLACE BEFORE ORDERING THE NEW TERMINAL SECTION. COST INCLUDED WITH THE COST OF THE TERMINAL. THE TERMINAL SECTION HEIGHT TO BE PLACED MUST MATCH THE HEIGHT OF THE IN-PLACE GUARDRAIL.

**DETAILS FOR STEEL PLATE BEAM
GUARD RAIL ADJACENT TO CURB AND GUTTER
[FOR ROADWAY SPEED 35 MPH (60 kmh) TO 45 MPH (70 kmh)]**



**DEPRESSED CURB AND GUTTER AND
SHOULDER TREATMENT AT TBT TY. 1 SPL.**

BASIS OF PAYMENT: HMA SHOULDERS 6 (150) (IF REQUIRED) WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SHOULDERS 6" (150 mm)".

STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

TBT = TRAFFIC BARRIER TERMINAL
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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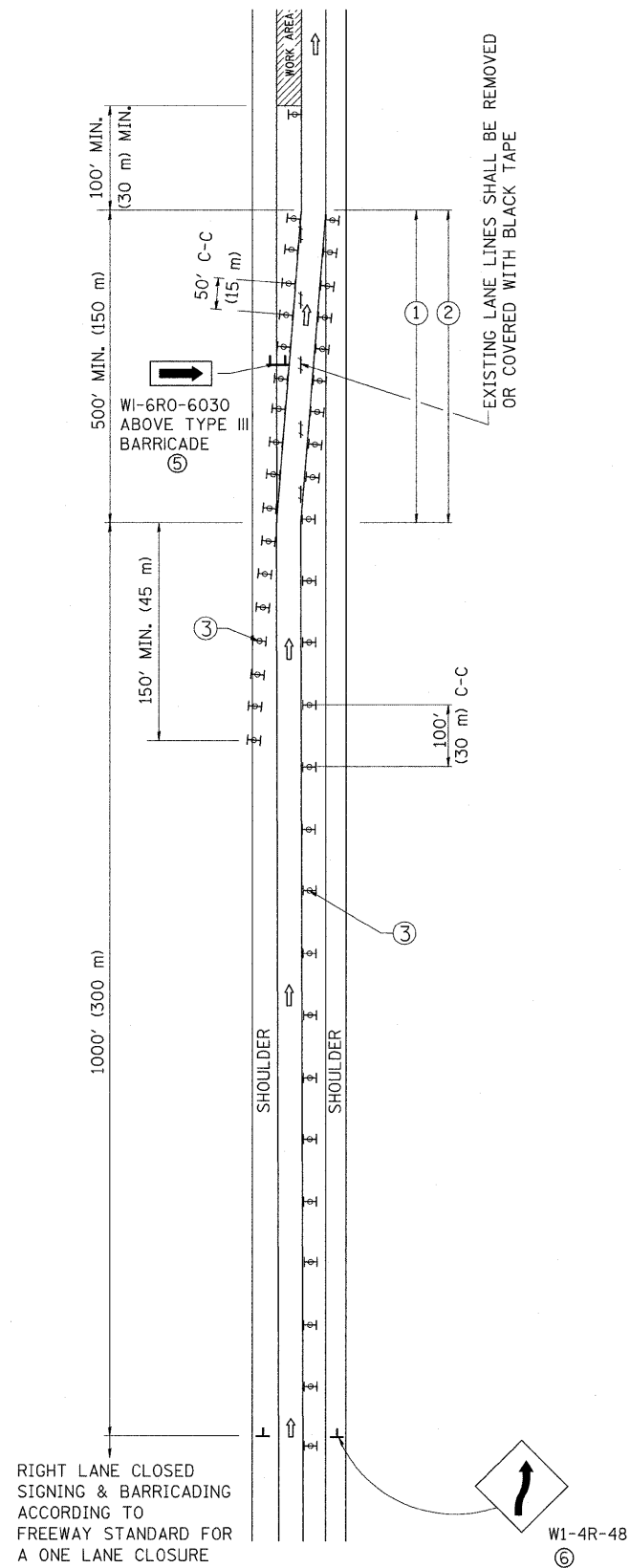
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DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR DEPRESSED CURB & GUTTER AND
SHOULDER TREATMENT AT TBT TY 1 SPL.**

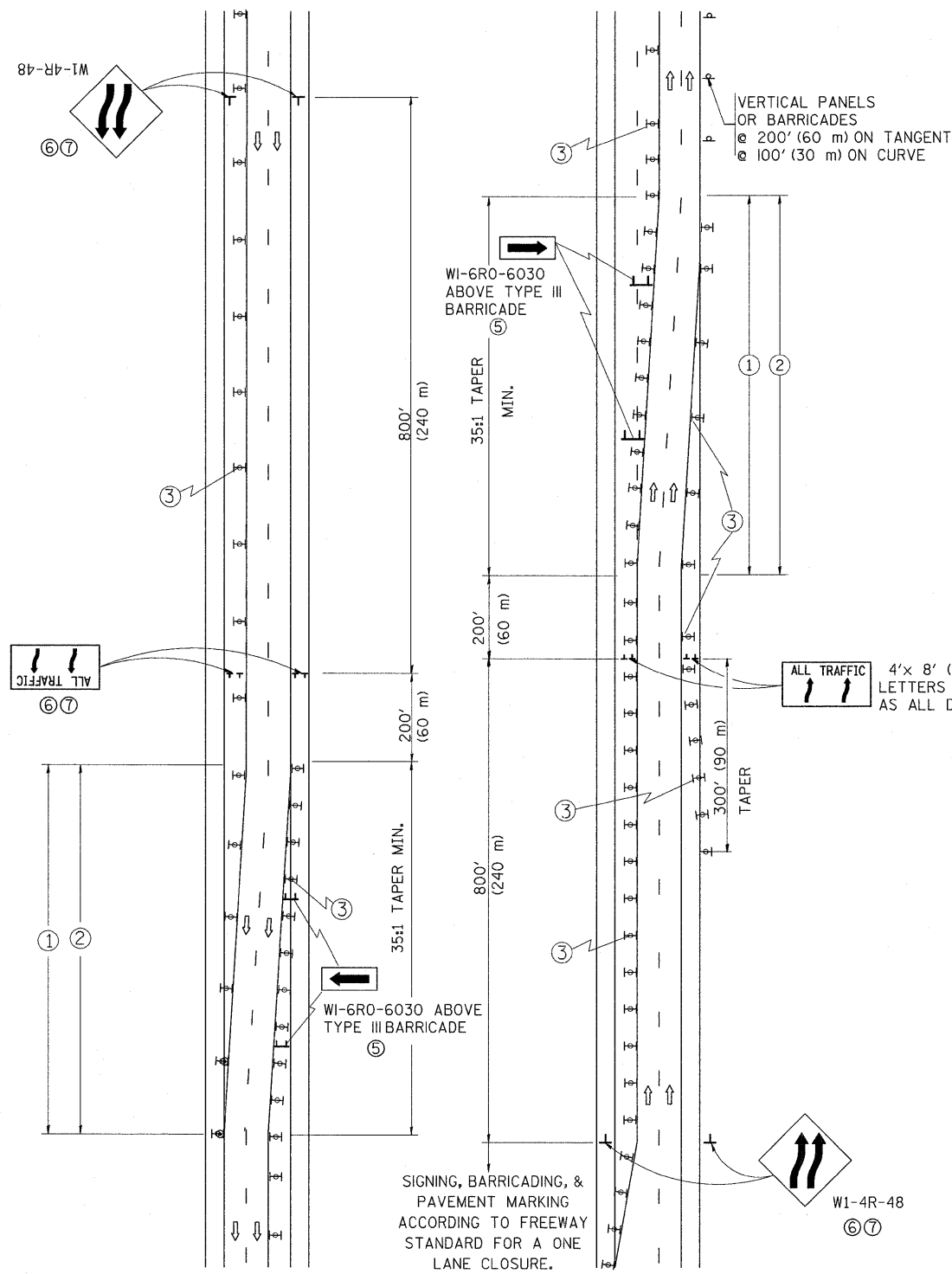
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BD600-10 (BD 34)		CONTRACT NO. 60P67		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SINGLE LANE WEAVE



MULTI-LANE WEAVE



GENERAL NOTES

- EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED. PAVEMENT MARKING REMOVAL SHALL NOT BE REQUIRED FOR SINGLE LANE WEAVES UNDER 24 HOURS IN DURATION.
- CONTINUOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 300' (90 m) ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVES LANE LINES SHALL BE 5 INCH, 10'-30' (3 m-9 m) SKIP DASH, WHITE.
- PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON NCHRP 350 TEMPORARY SIGN SUPPORTS. TYPE III BARRICADES MAY BE OMITTED FOR SINGLE-LANE WEAVES UNDER 24-HOURS IN DURATION. W1-6 SIGNS WILL STILL BE REQUIRED. IF THE WIDTH OF OFFSET IS LESS THAN 6' THEN THE TYPE III BARRICADE WITH ATTACHED ARROW SIGN PANEL CAN BE ELIMINATED IN THE TAPER AREAS.
- WHEN THE LENGTH OF THE SHIFTED SEGMENT (DISTANCE BETWEEN WEAVE POINTS) IS LESS THAN 1500', DOUBLE REVERSE CURVE SIGNS (W24-1) SHOULD BE USED INSTEAD OF THE REVERSE CURVE (W1-4) SIGNS. ARROWS ON THE 4'X8' "ALL TRAFFIC" SIGNS SHALL BE THE SAME SHAPE.
- THE NUMBER OF ARROWS ON THESE SIGNS SHALL MATCH THE NUMBER OF LANES OPEN TO TRAFFIC.

SYMBOLS

- DIRECTION OF TRAFFIC
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE II BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT



W24-1-48
⑦

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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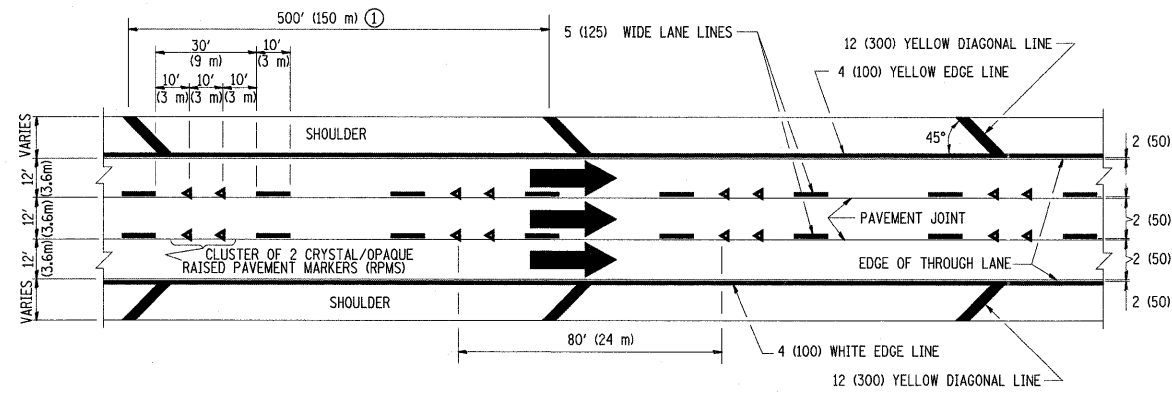
REVISED - JAF 01-03
 REVISED - JAF 02-06
 REVISED - SPB 01-07
 REVISED - SPB 12-09

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS FOR
 FREEWAY SINGLE & MULTI-LANE WEAVE

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

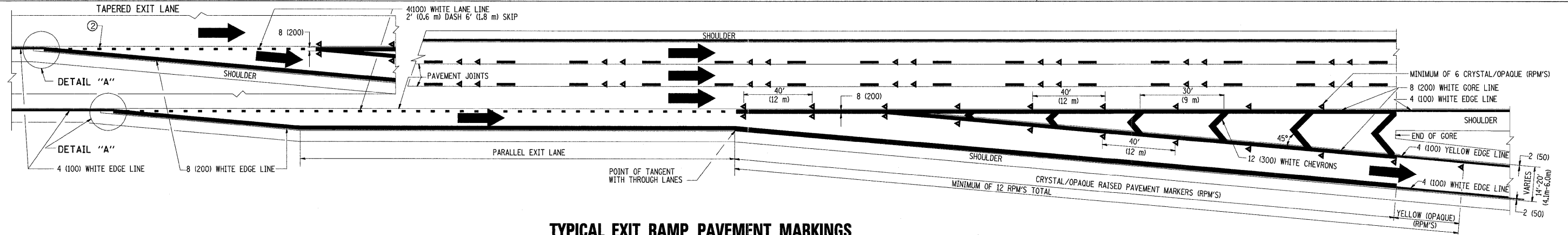
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TC-09			CONTRACT NO. 60P67	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



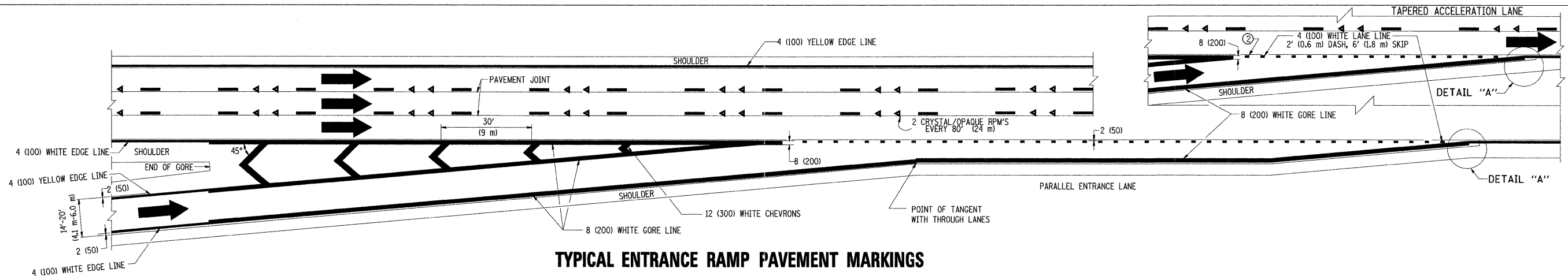
TYPICAL EDGE LINES & LANE LINES

PAVEMENT MARKING MATERIALS

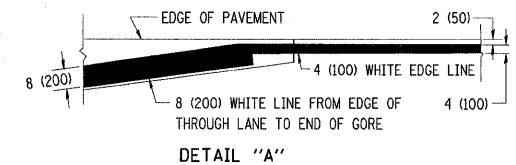
1. THERMO PLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR THE EDGE LINES, GORE LINES, AND DIAGONAL LINES ON BITUMINOUS PAVEMENT ONLY.
2. PREFORMED PLASTIC TYPE B PAVEMENT MARKING LINE SHALL BE USED FOR ALL LANE LINES ON BITUMINOUS PAVEMENT.
3. POLYUREA PAVEMENT MARKING SHALL BE USED FOR ALL MARKINGS ON PCC.



TYPICAL EXIT RAMP PAVEMENT MARKINGS

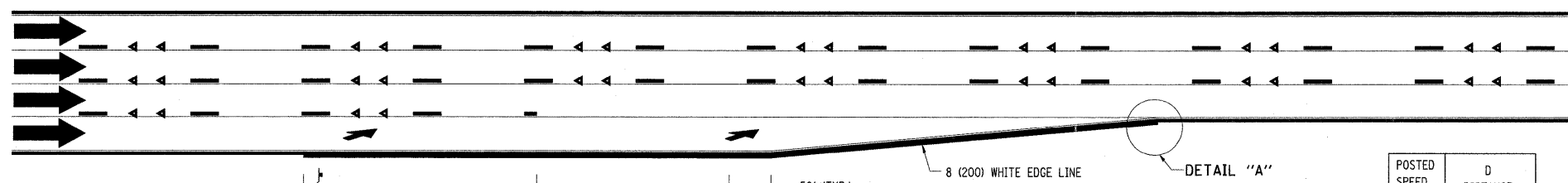


TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS



NOTES:

- ① THE DIAGONAL LINES SHALL BE SPACED AT 40' (12 m) C-C ACROSS ALL STRUCTURES WHICH ARE 500' (150 m) OR LESS IN LENGTH. THE DIAGONAL LINES ARE NOT REQUIRED ON SHOULDERS WHICH ARE 6' (1.8 m) OR LESS IN WIDTH.
- ② 4" (2' DASH, 6' SKIP) MARKING ON TAPERED ENTRANCE AND EXIT RAMP SHALL BE OMITTED ON TANGENT SECTIONS.



POSTED SPEED LIMIT	D DISTANCE
45 MPH	750' (230 m)
55 MPH	950' (290 m)
65 MPH	1200' (365 m)

LANE REDUCTION PAVEMENT MARKINGS

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CHECKED -
DATE - 01-90

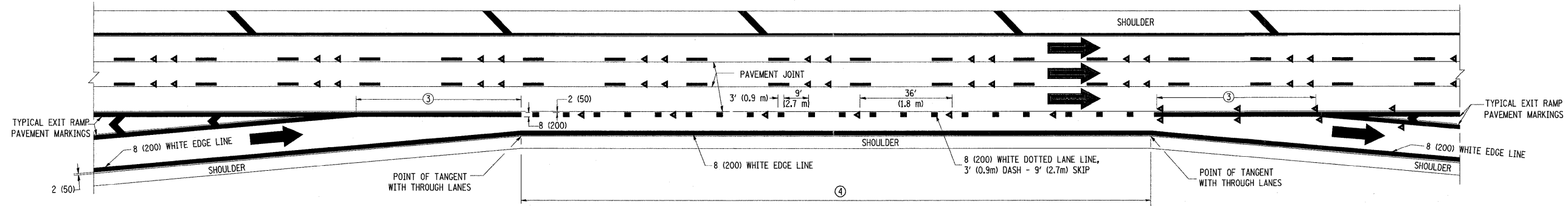
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REVISED - J.A.F. 02-06
REVISED - S.P.B. 01-07
REVISED - S.P.B. 01-10

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

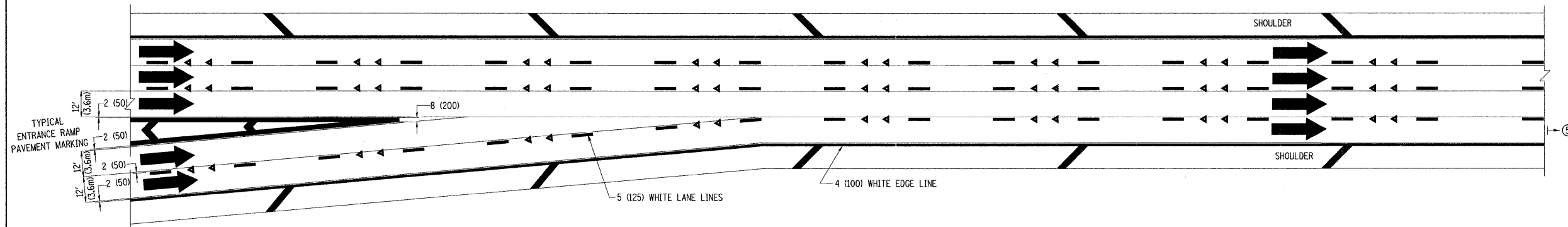
**MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS**

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

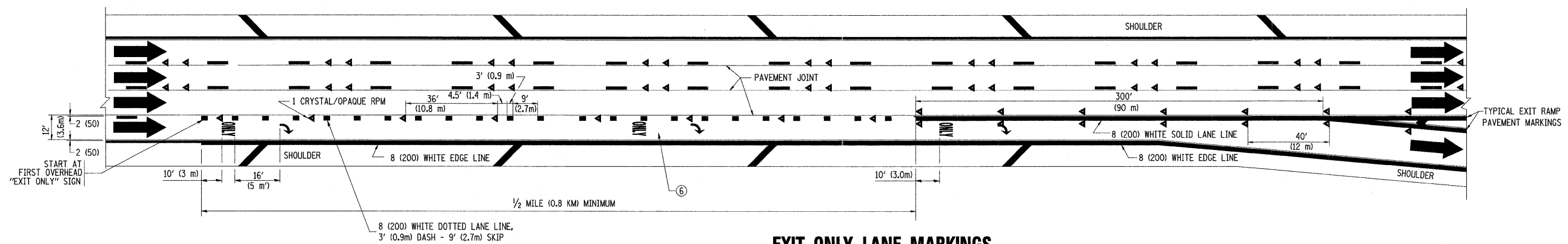
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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



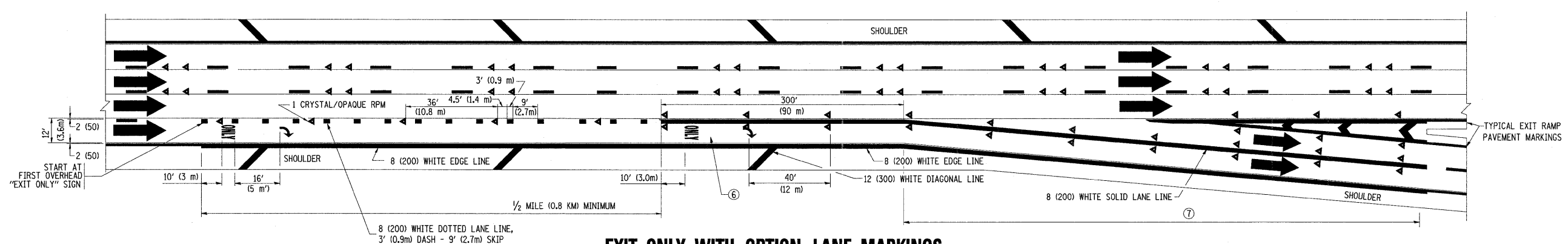
AUXILIARY LANE MARKINGS



TWO LANE ENTRANCE RAMP WITH MERGE MARKINGS



EXIT ONLY LANE MARKINGS



EXIT ONLY WITH OPTION LANE MARKINGS

- NOTES**
- ③ OMIT WHEN LENGTH OF AUXILIARY LANE IS LESS THAN 500' (150 m).
 - ④ 8-INCH WIDE DOTTED LANE LINE MARKINGS SHALL BE USED WHEN THE LENGTH OF THE AUXILIARY LANE IS 2 MILES OR LESS.
 - ⑤ FOR TWO-LANE ENTRANCE RAMP, IF RIGHT LANE ENDS, USE TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS.
 - ⑥ ONLY AND ARROWS EQUALLY SPACED, 500' (150 m) MAXIMUM SPACING. FULL SIZE LETTERS AND ARROW SHALL BE USED.
 - ⑦ CONTINUE 8" SOLID LANE LINE THROUGH EXIT TO END OF PAVED GORE.

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PLOT DATE = 1/22/2010

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DRAWN -
CHECKED -
DATE - 01-90

REVISED - D.W.S. 07-96
REVISED - J.A.F. 02-06
REVISED - S.P.B. 01-07
REVISED - S.P.B. 01-10

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

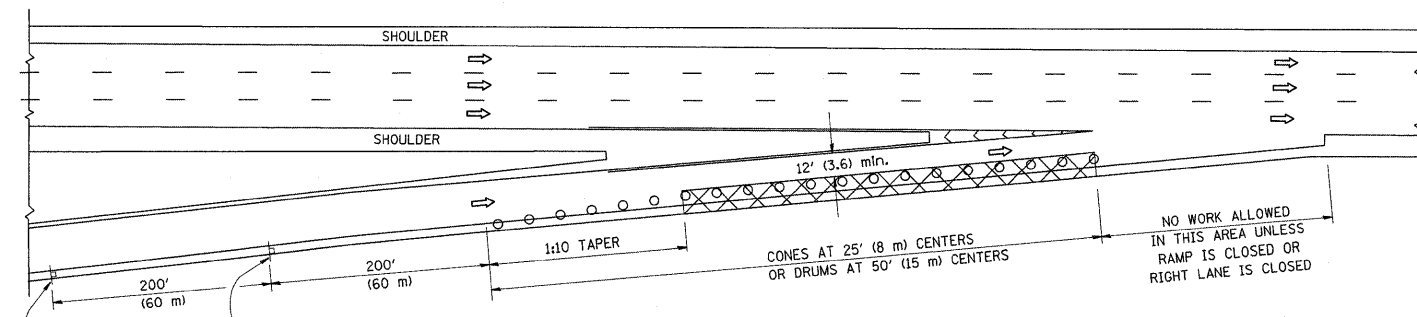
**MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS**

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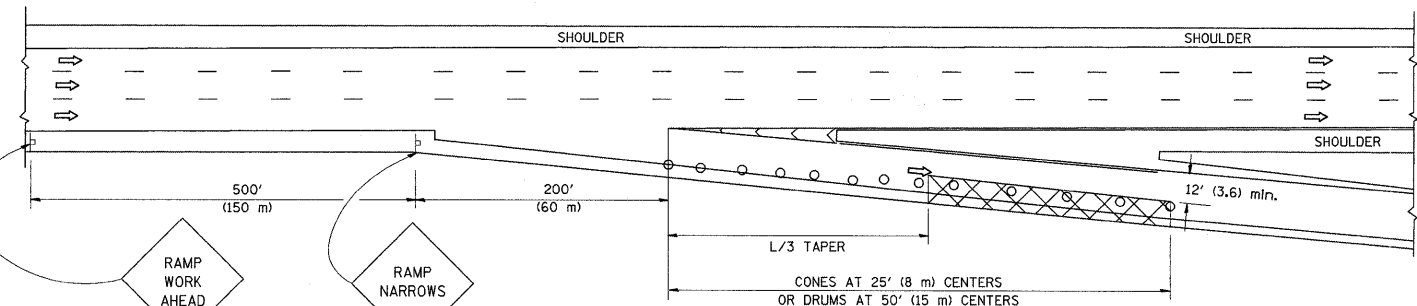
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TC-12		CONTRACT NO. 60P67		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PARTIAL RAMP CLOSURE DETAILS

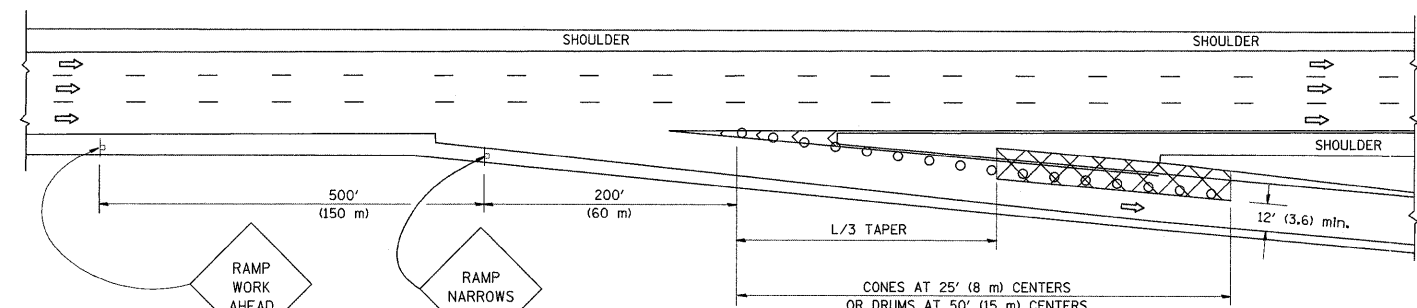
SHOULDER CLOSURE DETAILS



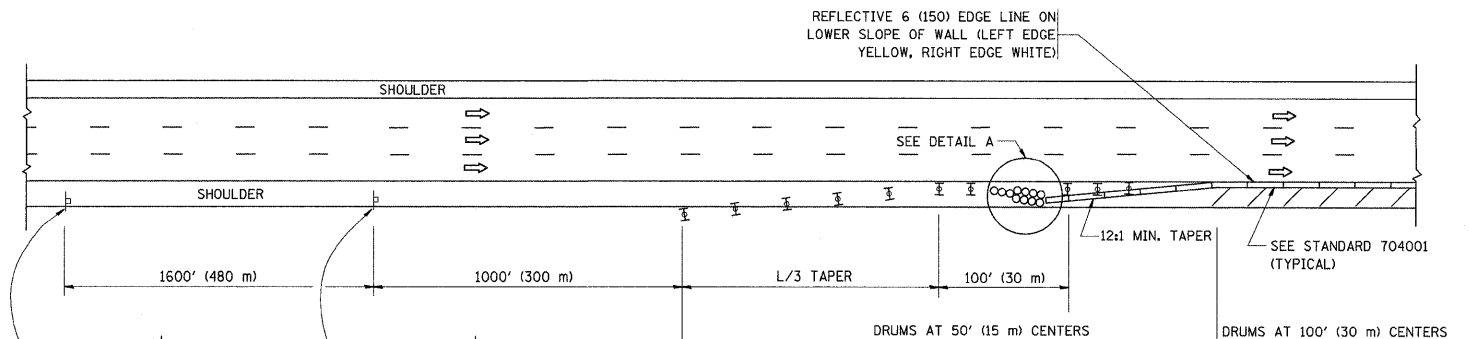
TYPICAL ENTRANCE RAMP



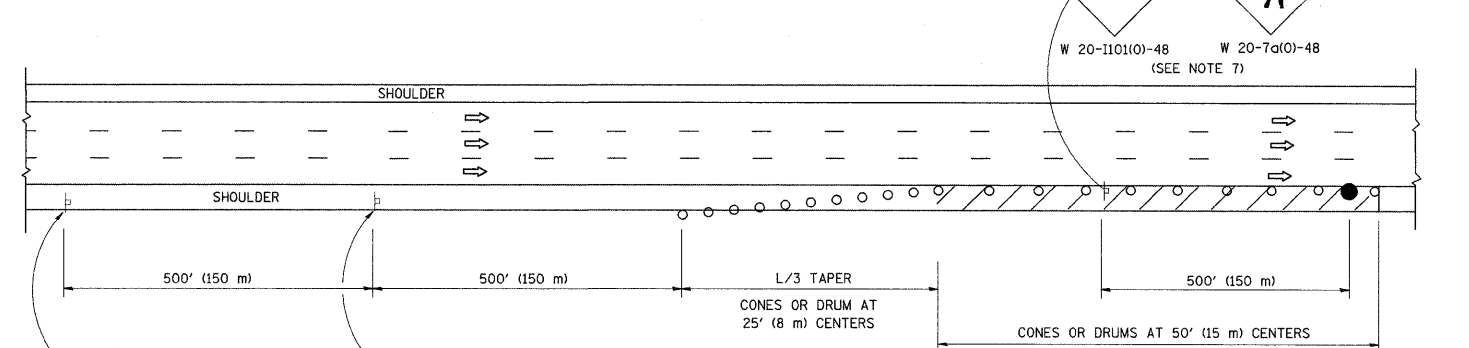
TYPICAL EXIT RAMP



TYPICAL EXIT RAMP



PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

SYMBOLS

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

GENERAL NOTES

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

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

ARRAY DESIGN PER MANUFACTURER TO BE NCHRP 350 COMPLIANT.

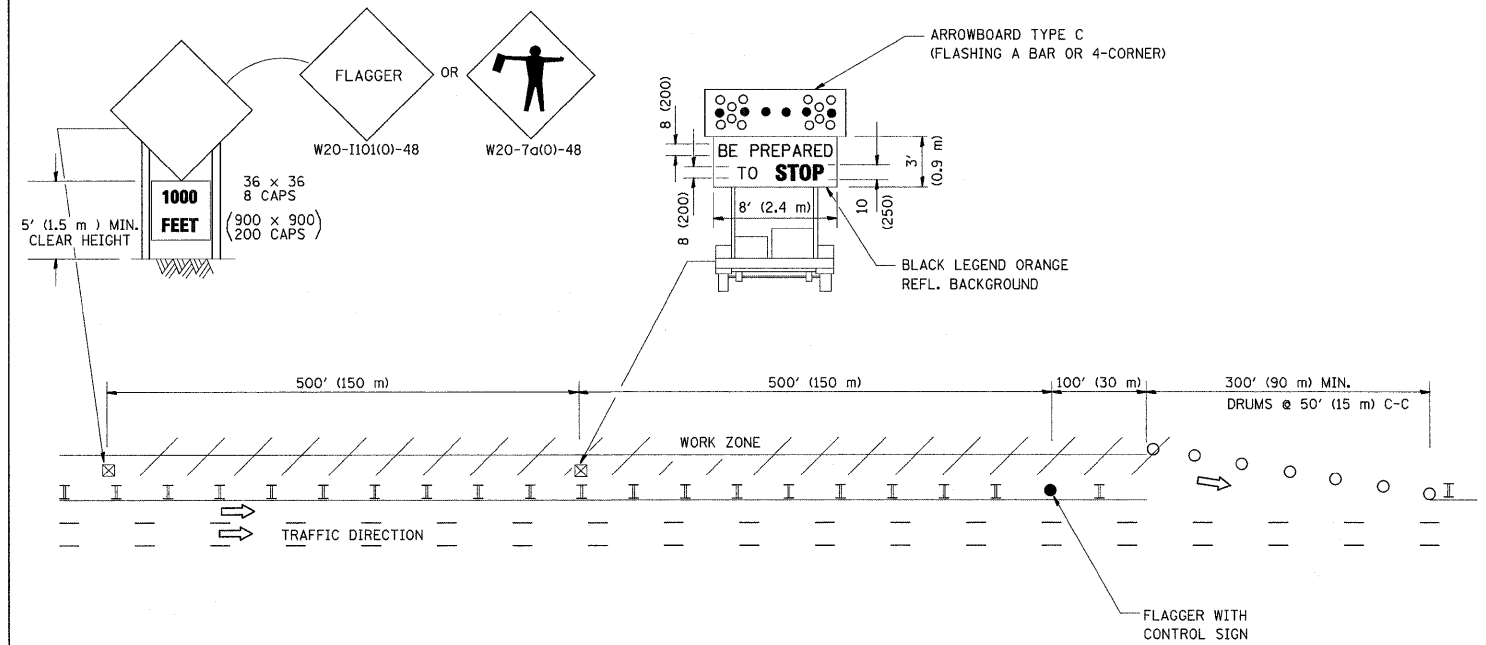
DETAIL "A"
IMPACT ATTENUATOR, TEMPORARY
(SEE NOTE 5)

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

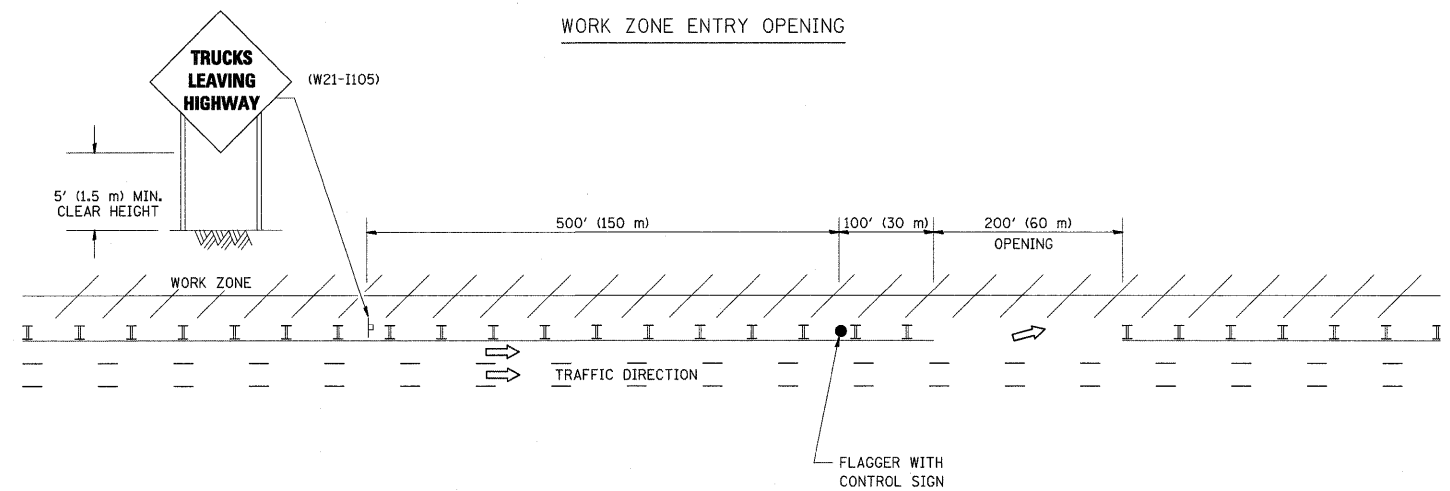
FILE NAME = W:\datastd\22x34\to17.dgn	USER NAME = lsgaa	DESIGNED -	REVISED - 04-03	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES			F.A.I. RTE. 90794	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 82
	PLOT SCALE = 50.0000 "/ IN.	DRAWN - D.W.S.	REVISED - J.A.F. 12-06		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	7290	TC-17	CONTRACT NO. 60P67	
	PLOT DATE = 1/26/2010	CHECKED -	REVISED - S.P.B. 01-07		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE - 11-96	REVISED - S.P.B. 12-09									

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



NOTES:

1. THE ARROWBOARD, THE FLAGGER AHEAD SIGN AND THE TRUCKS LEAVING HIGHWAY SIGN SHALL BE REMOVED OR TURNED AWAY FROM TRAFFIC AND THE EXIT AND ENTRY OPENINGS SHALL BE CLOSED WHEN THE FLAGGING OPERATION CEASES. NON OPERATING EQUIPMENT SHALL COMPLY WITH ARTICLE 701.11
2. WORK ZONE EXIT OPENINGS SHOULD BE A MINIMUM OF ONE HALF MILE APART.
3. EXITING THE WORK ZONE AT ANY PLACE OTHER THAN AT A WORK ZONE EXIT OPENING WILL BE PROHIBITED.
4. ALL VEHICLES SHALL ENTER THE WORK ZONE AT ENTRY OPENINGS, USING THEIR TURN SIGNALS TO WARN MOTORISTS

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

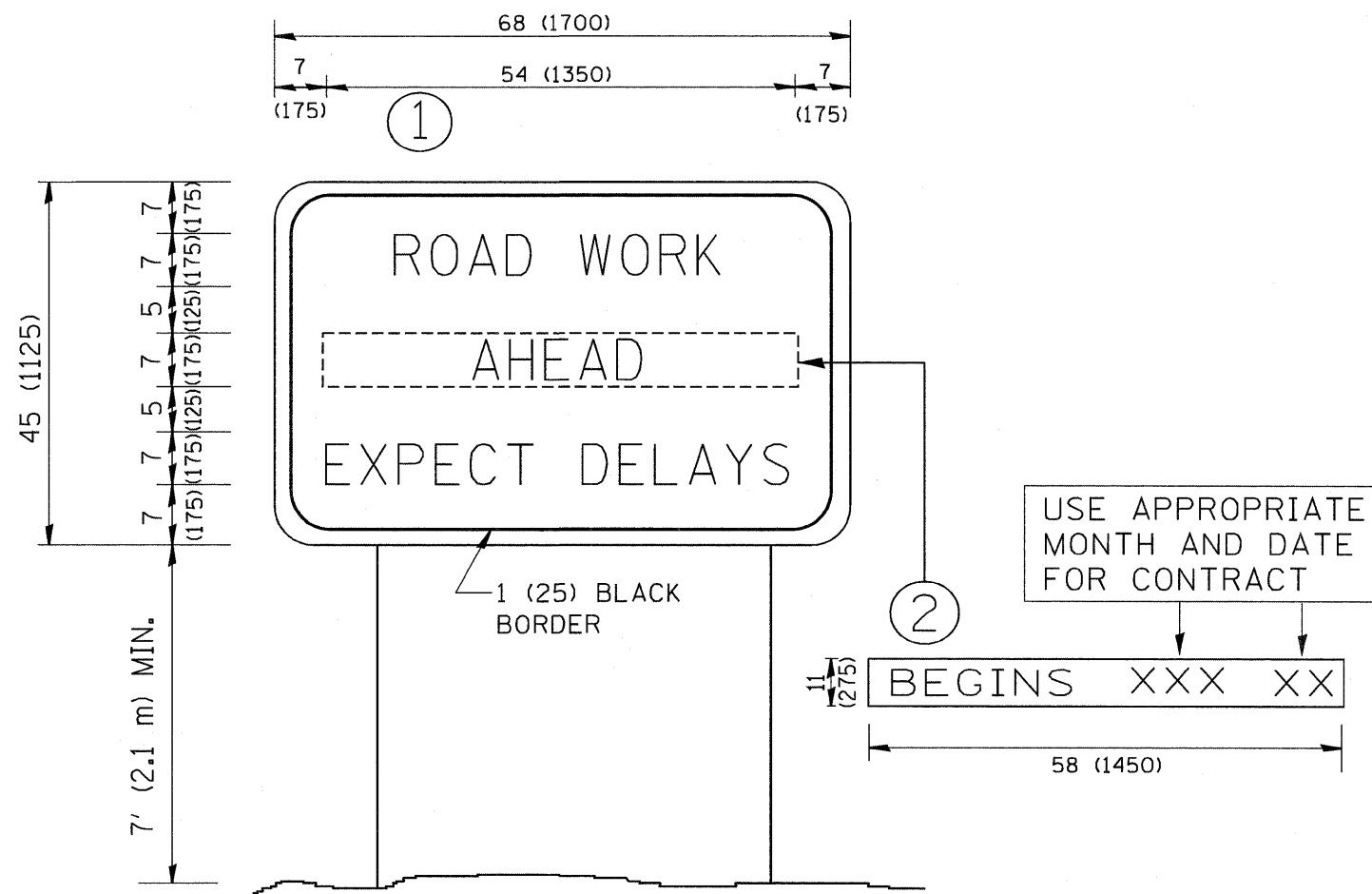
FILE NAME = W:\d\ststd\22x34\to18.dgn	USER NAME = lejsa	DESIGNED -	REVISED - J.A.F. 04-03
		DRAWN -	REVISED - J.A.F. 02-06
	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED - S.P.B. 01-07
	PLOT DATE = 1/26/2010	DATE -	REVISED - S.P.B. 12-09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING FOR FLAGGING OPERATIONS
AT WORK ZONE OPENINGS

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

F.A.T. RTE. 90794 7290	SECTION 2011-055-1	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 83
TC-18		CONTRACT NO. 60P67		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

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

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

FILE NAME = W:\diststd\22x34\to22.dgn	USER NAME = geglienobt	DESIGNED -	REVISED - R. WIRS 09-15-97
		DRAWN -	REVISED - R. WIRS 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.I. RTE. 90/94 7290	SECTION 2011-055-I TC-22	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 84
CONTRACT NO. 60P67			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO. _____
 REVISIONS PLOTTED _____
 TEMPLATE AREAS CHECKED _____
 BY _____ DATE _____

ORIGINAL SURVEY NO. _____
 REVISIONS PLOTTED _____
 TEMPLATE AREAS CHECKED _____
 BY _____ DATE _____



ALL UNITS ARE SQUARE FEET

	STAGE 1	STAGE 2
CUT	5.47	15.20
FILL	0.00	0.00
PGB	0.90	0.00

ALL UNITS ARE SQUARE FEET

	STAGE 1	STAGE 2
CUT	0.00	16.26
FILL	0.00	0.00
PGB	0.00	0.00

ALL UNITS ARE SQUARE FEET

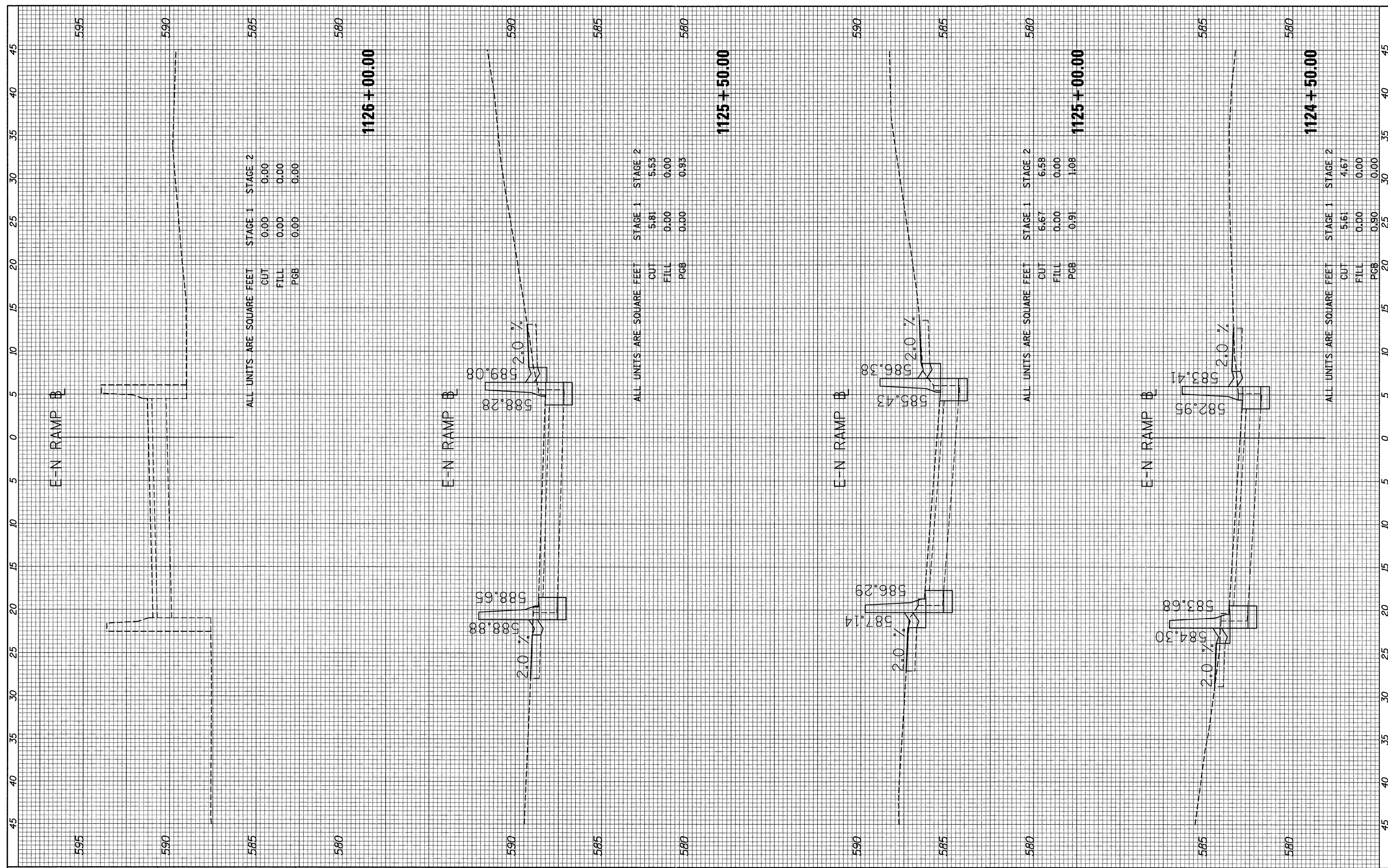
	STAGE 1	STAGE 2
CUT	0.00	20.36
FILL	0.00	0.00
PGB	0.00	0.00

ALL UNITS ARE SQUARE FEET

	STAGE 1	STAGE 2
CUT	0.00	0.00
FILL	0.00	0.00
PGB	0.00	0.00

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



ALL UNITS ARE SQUARE FEET

STAGE 1	STAGE 2
CUT 0.00	0.00
FILL 0.00	0.00
PGB 0.00	0.00

ALL UNITS ARE SQUARE FEET

STAGE 1	STAGE 2
CUT 5.81	5.53
FILL 0.00	0.00
PGB 0.00	0.93

ALL UNITS ARE SQUARE FEET

STAGE 1	STAGE 2
CUT 6.67	6.58
FILL 0.00	0.00
PGB 0.91	1.08

ALL UNITS ARE SQUARE FEET

STAGE 1	STAGE 2
CUT 5.61	4.67
FILL 0.00	0.00
PGB 0.90	0.00

FILE NAME = 82_xs_e-n_ramp_sht02.dgn

USER NAME = USER3698	DESIGNED - DLD	REVISED -
PLOT SCALE = 1:5	DRAWN - DLD	REVISED -
PLOT DATE = 9/8/2011	CHECKED - AAC	REVISED -
	DATE - 08/04/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

E-N RAMP CROSS SECTIONS

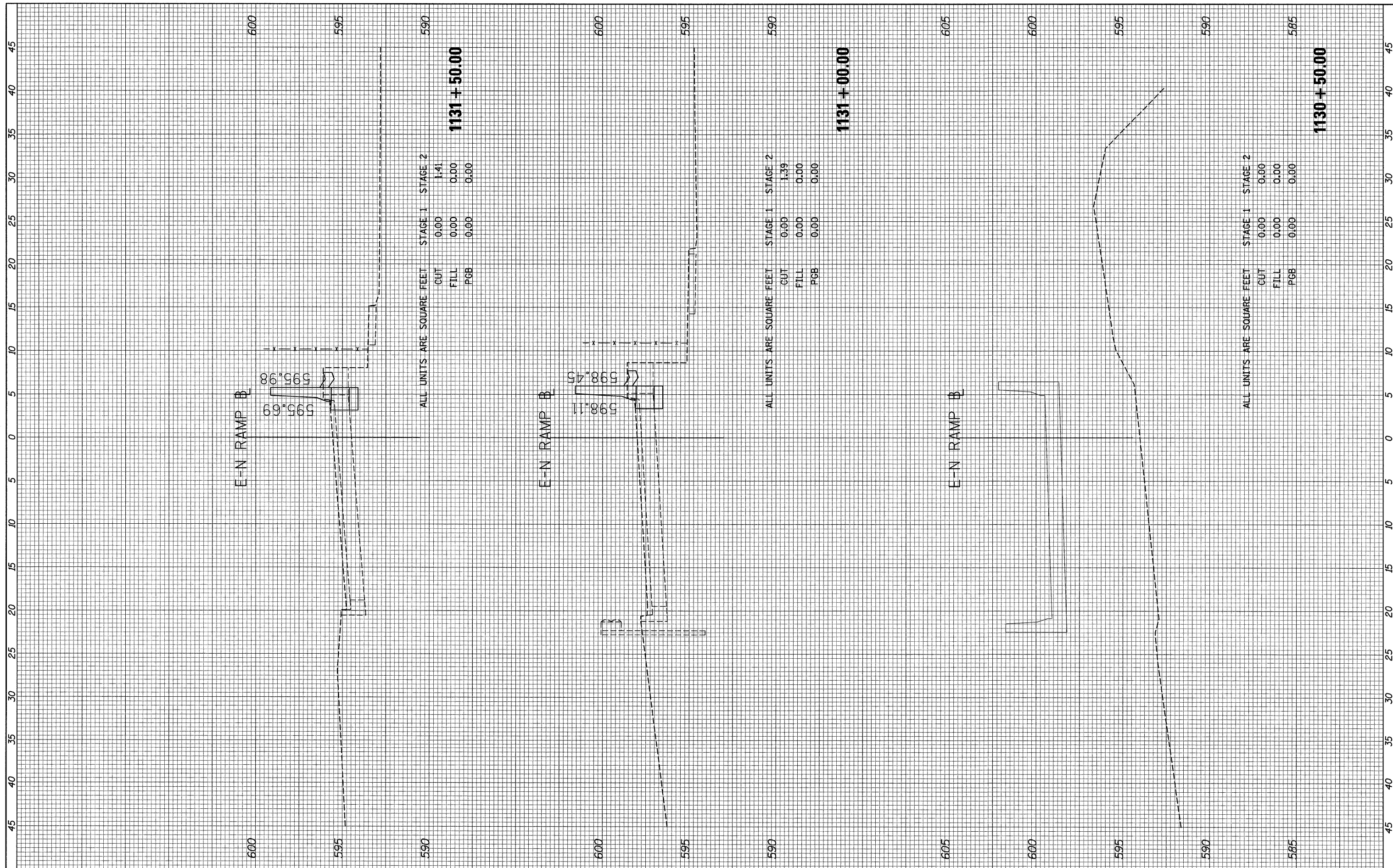
SCALE: 1/8" = 1' H
1/8" = 1' V

SHEET NO. 2 OF 9 SHEETS STA. 1124+50.00 TO STA. 1126+00.00

F.A.I. RTE. 30/94/290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 86
ILLINOIS FED. AID PROJECT				CONTRACT NO. 60P67

FINAL SURVEY NO.	DATE
REVISIONS	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

ORIGINAL SURVEY NO.	DATE
REVISIONS	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	



ALL UNITS ARE SQUARE FEET

	STAGE 1	STAGE 2
CUT	0.00	1.41
FILL	0.00	0.00
PGB	0.00	0.00

1131 + 50.00

ALL UNITS ARE SQUARE FEET

	STAGE 1	STAGE 2
CUT	0.00	1.39
FILL	0.00	0.00
PGB	0.00	0.00

1131 + 00.00

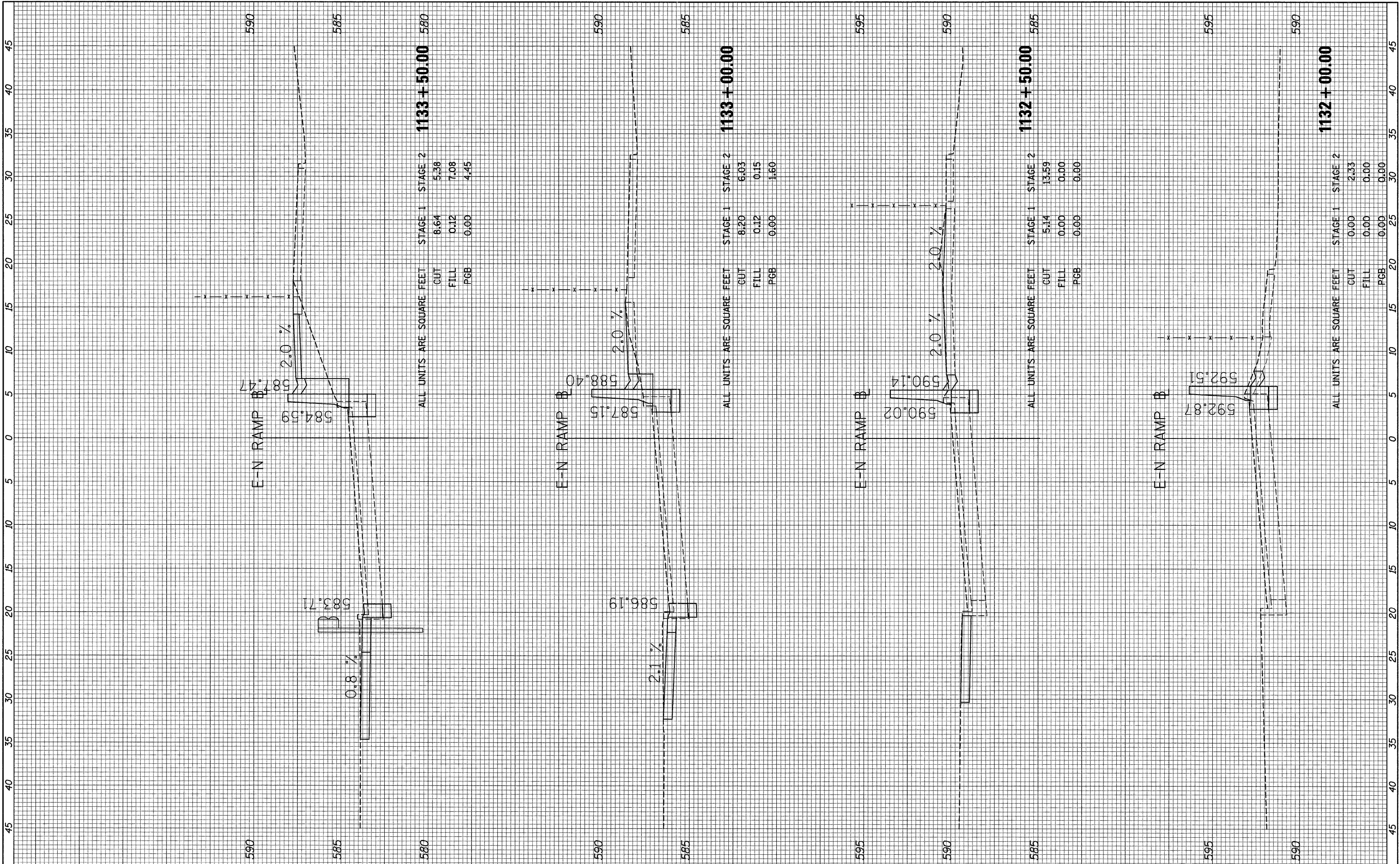
ALL UNITS ARE SQUARE FEET

	STAGE 1	STAGE 2
CUT	0.00	0.00
FILL	0.00	0.00
PGB	0.00	0.00

1130 + 50.00

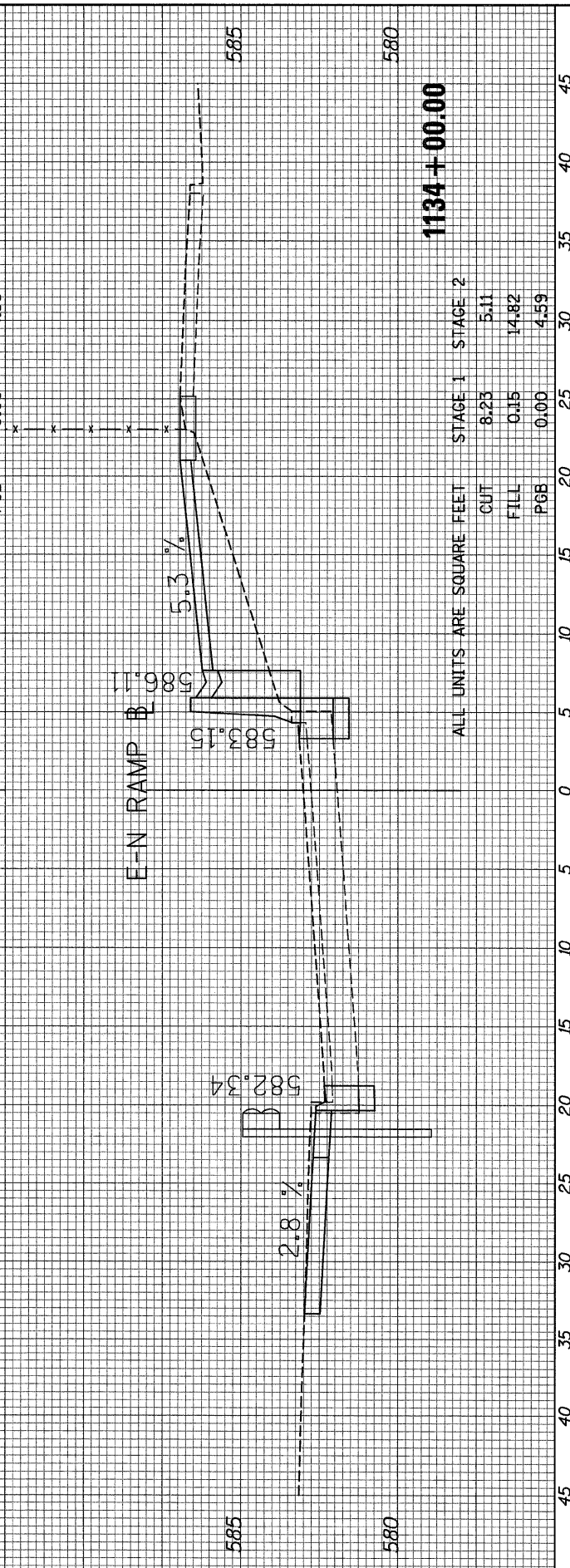
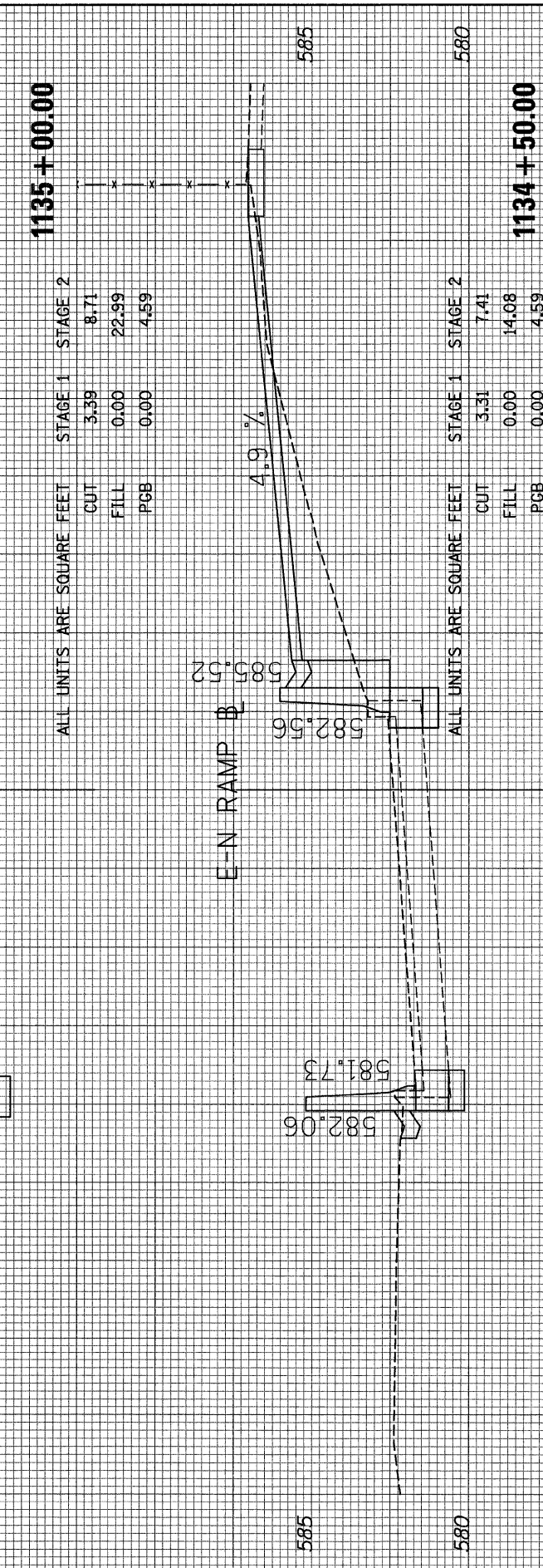
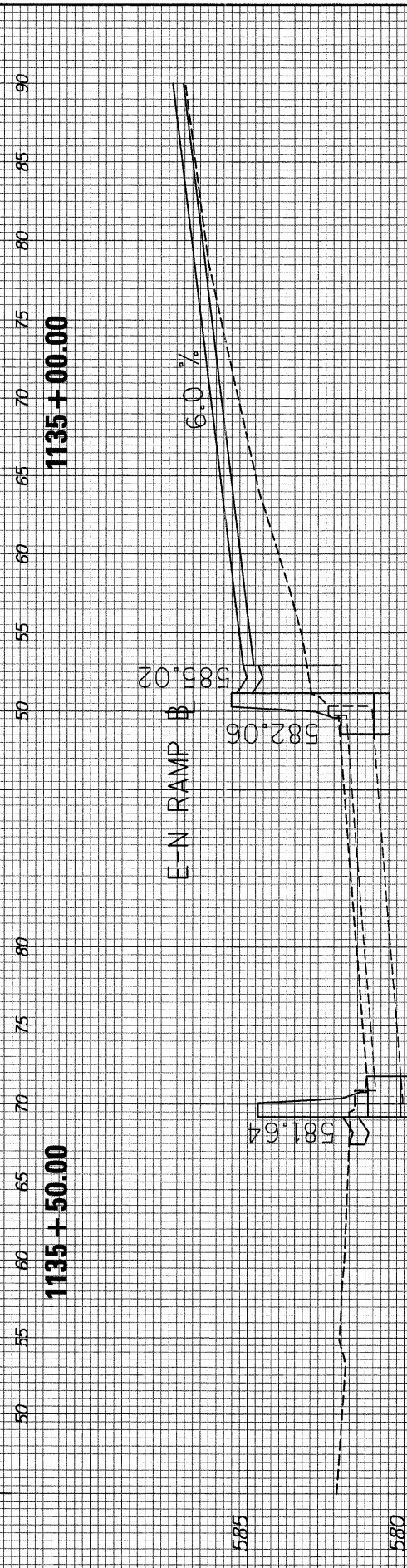
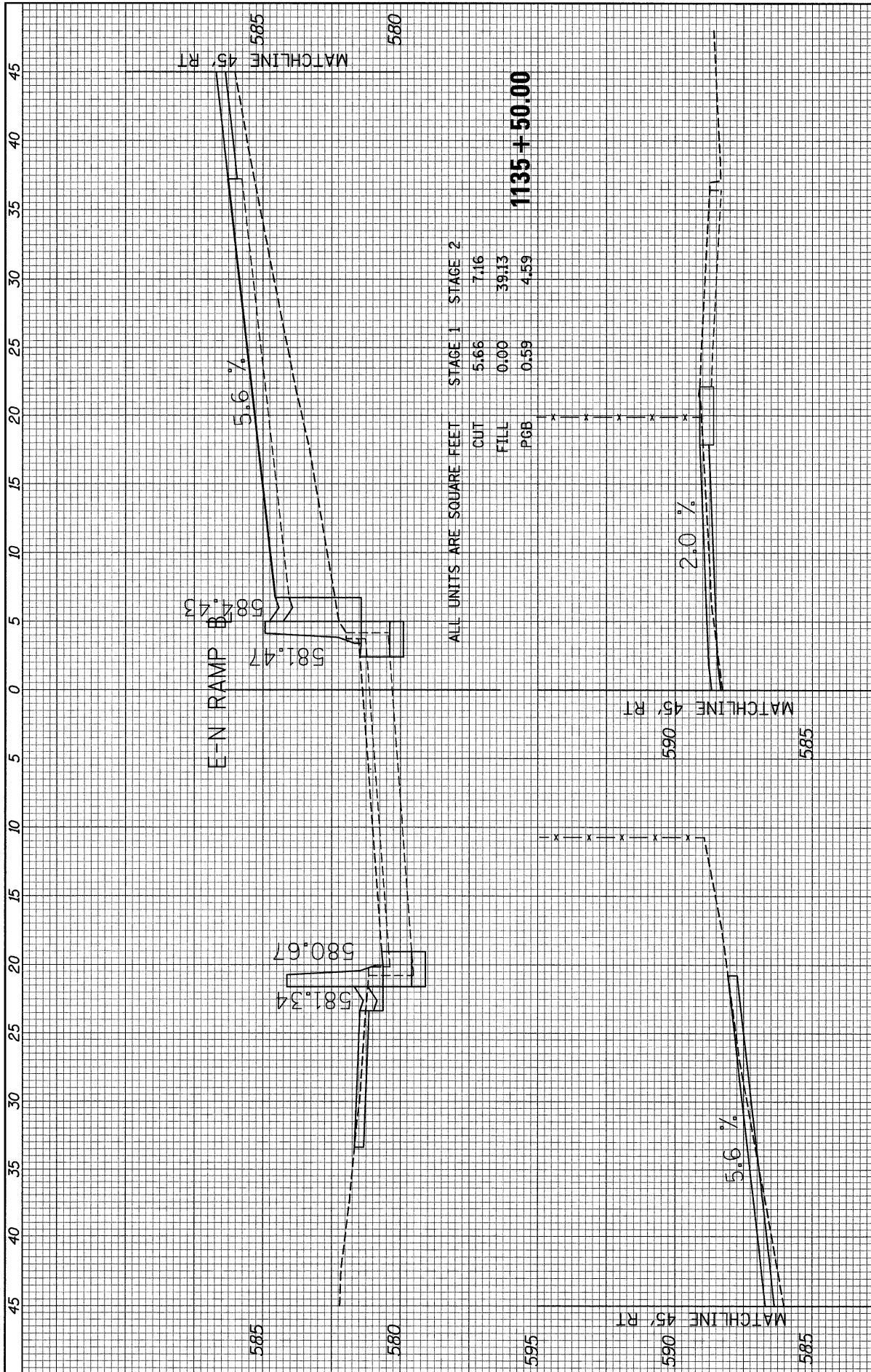
FINAL SURVEY NO.	CURVED/PLOTTED	BY	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED		

ORIGINAL SURVEY NO.	CURVED/PLOTTED	BY	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED		



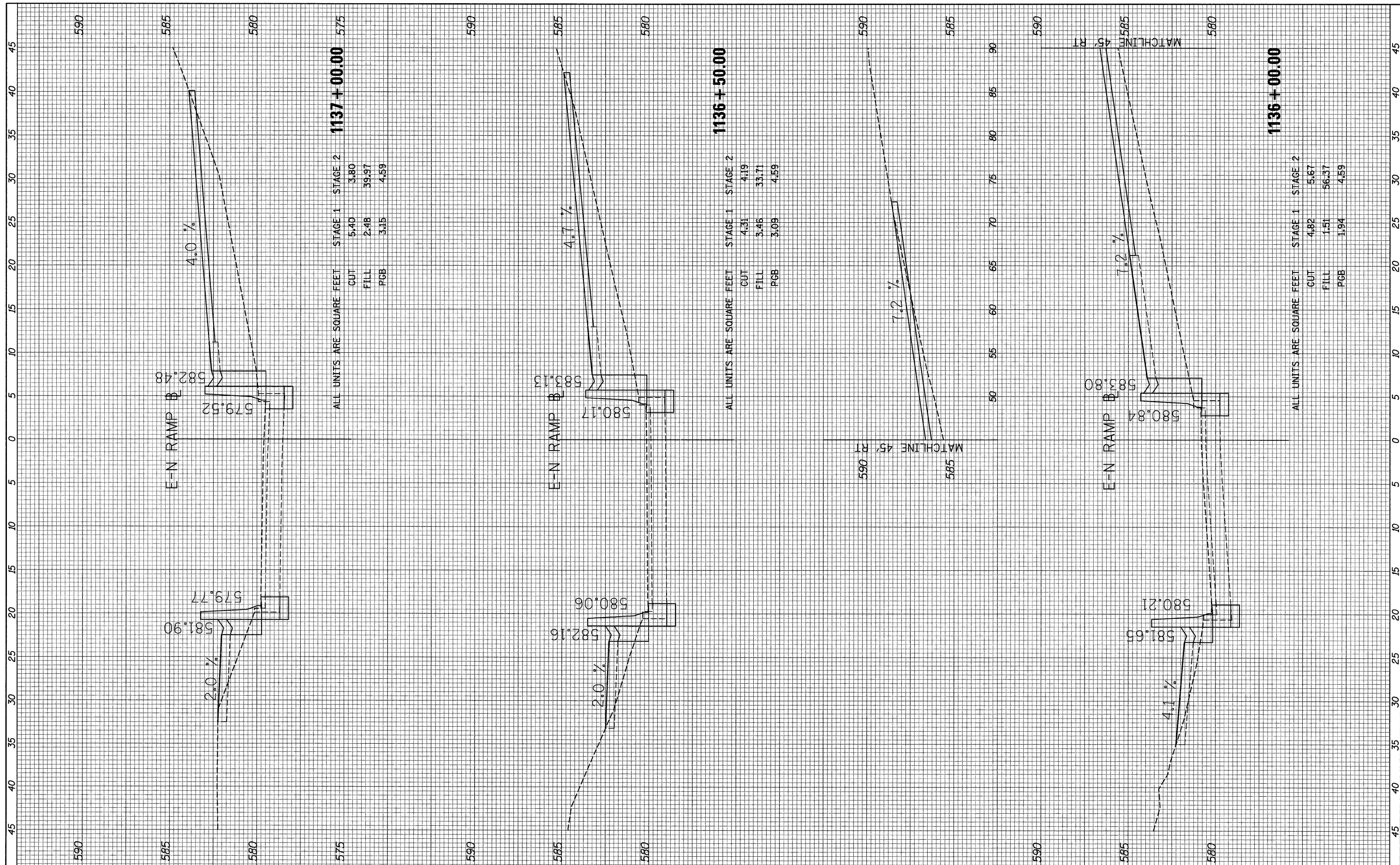
FINAL SURVEY NO.	BY	DATE
DESIGNED		
DRAWN		
CHECKED		
DATE		

ORIGINAL SURVEY NO.	BY	DATE
DESIGNED		
DRAWN		
CHECKED		
DATE		



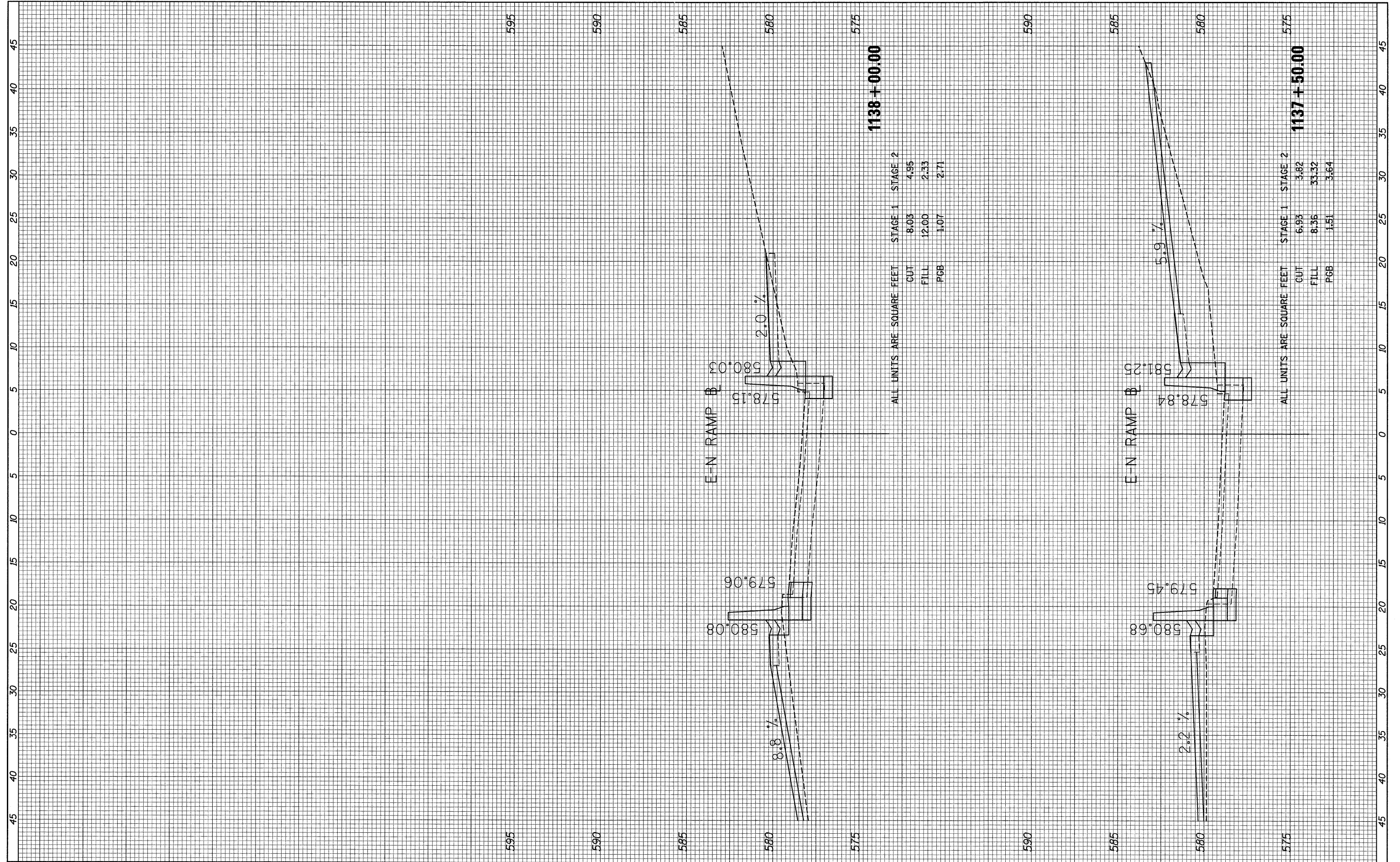
FINAL SURVEY NO.	REVISIONS	DATE
NO.	BY	
	BY	
	BY	
	BY	

ORIGINAL SURVEY NO.	REVISIONS	DATE
NO.	BY	
	BY	
	BY	
	BY	



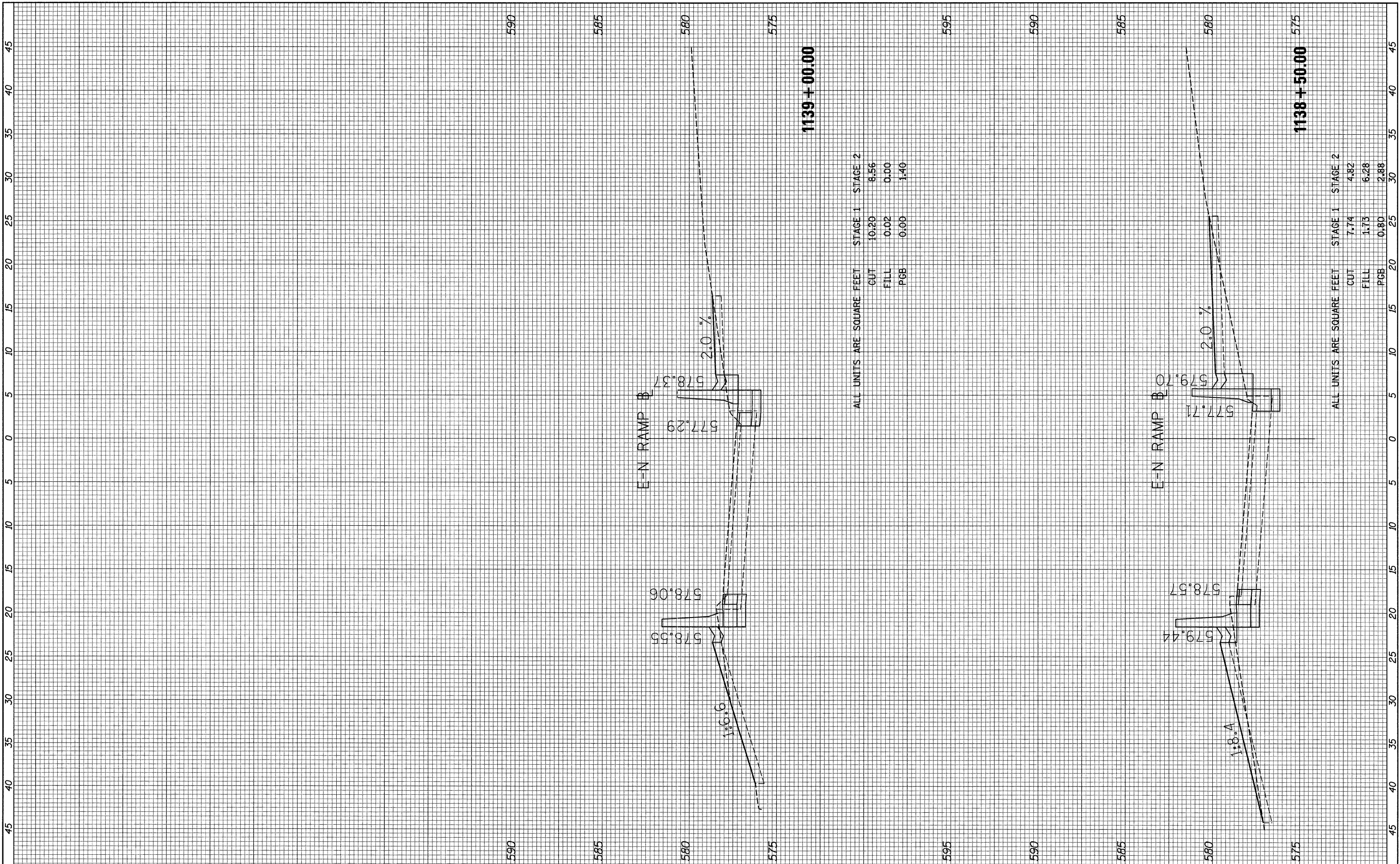
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NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS		
	CHECKED		



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



ALL UNITS ARE SQUARE FEET

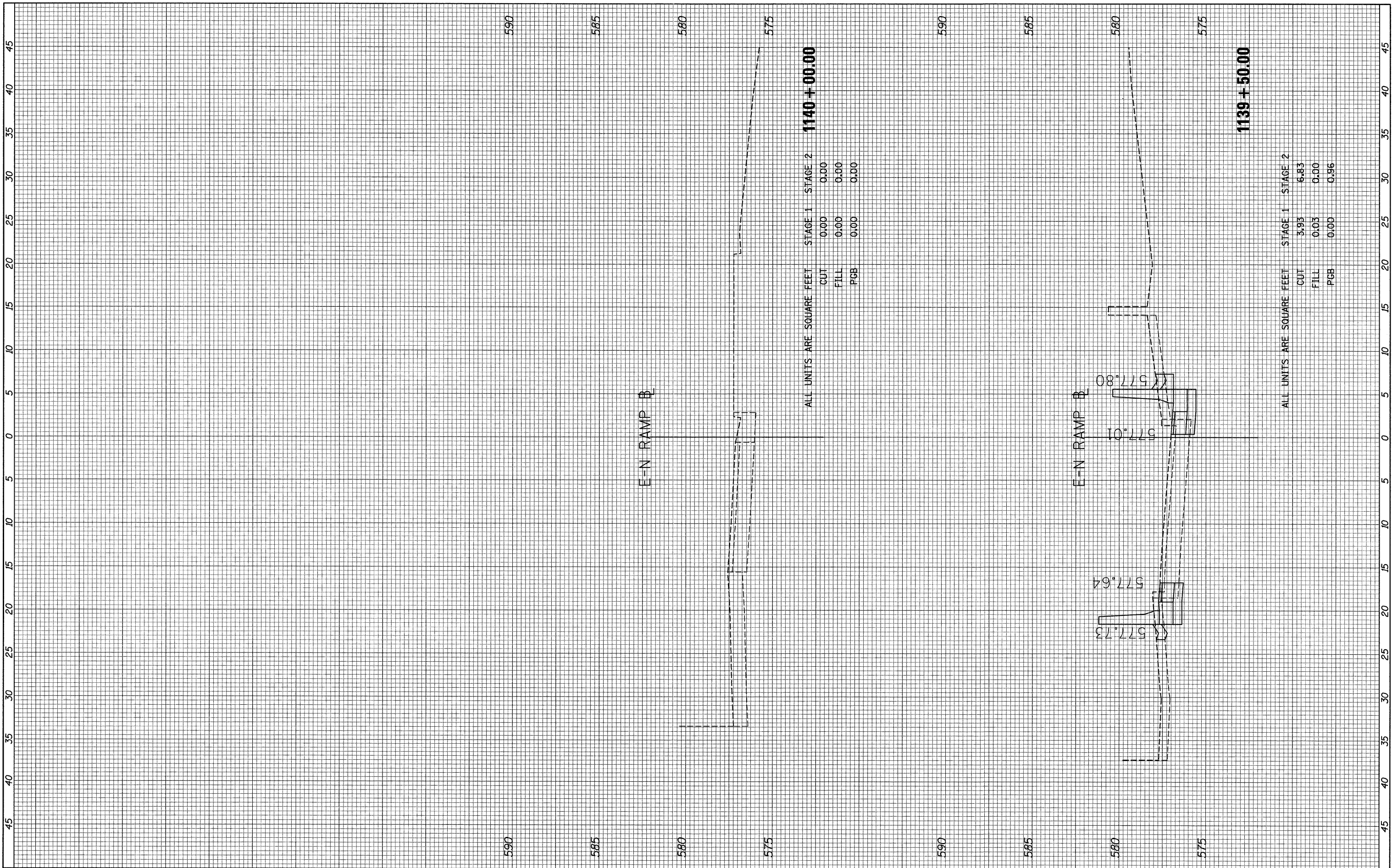
	STAGE 1	STAGE 2
CUT	10.20	8.56
FILL	0.02	0.00
PGB	0.00	1.40

ALL UNITS ARE SQUARE FEET

	STAGE 1	STAGE 2
CUT	7.74	4.82
FILL	1.73	6.28
PGB	0.80	2.88

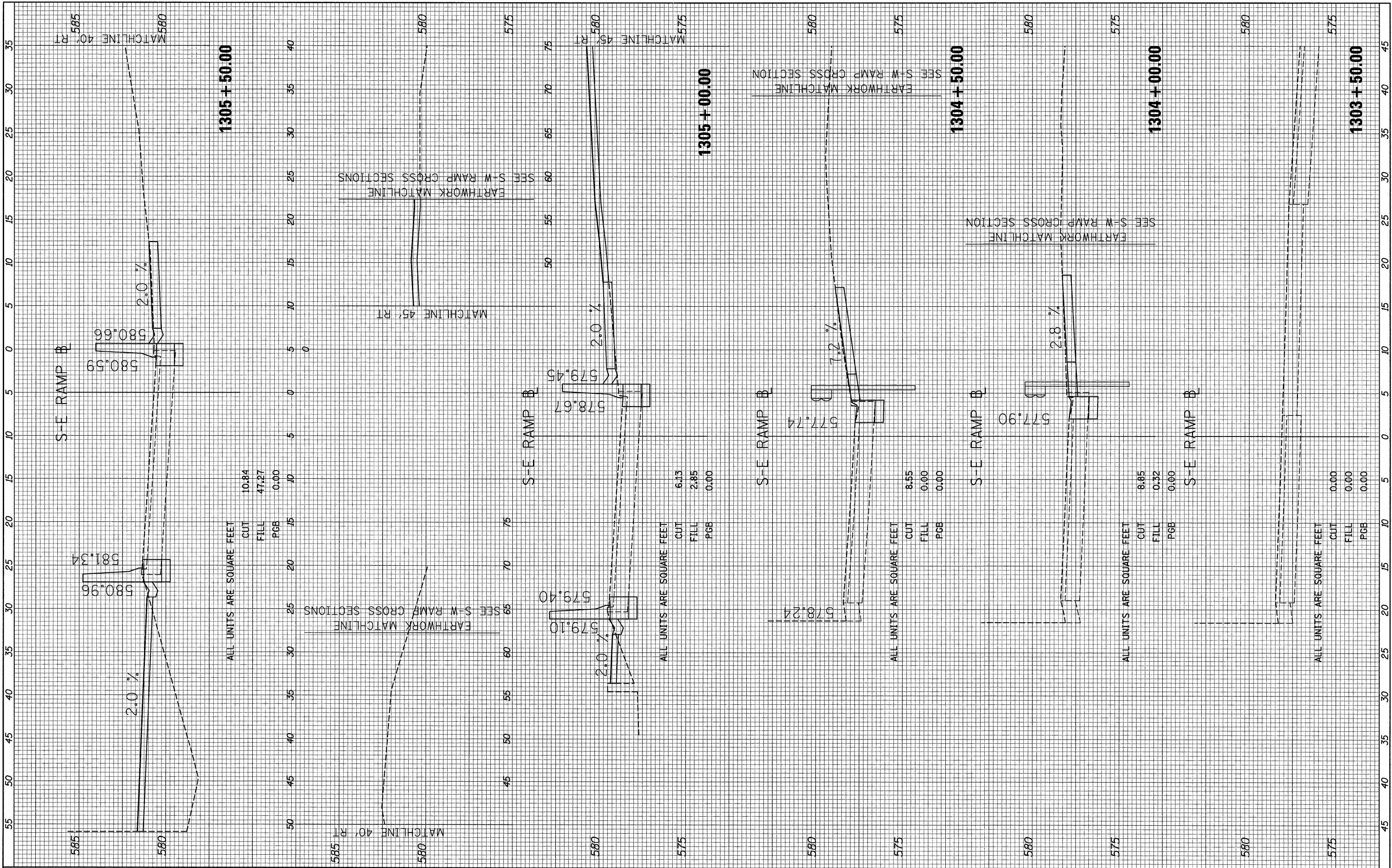
FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
NO. _____		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
NO. _____		



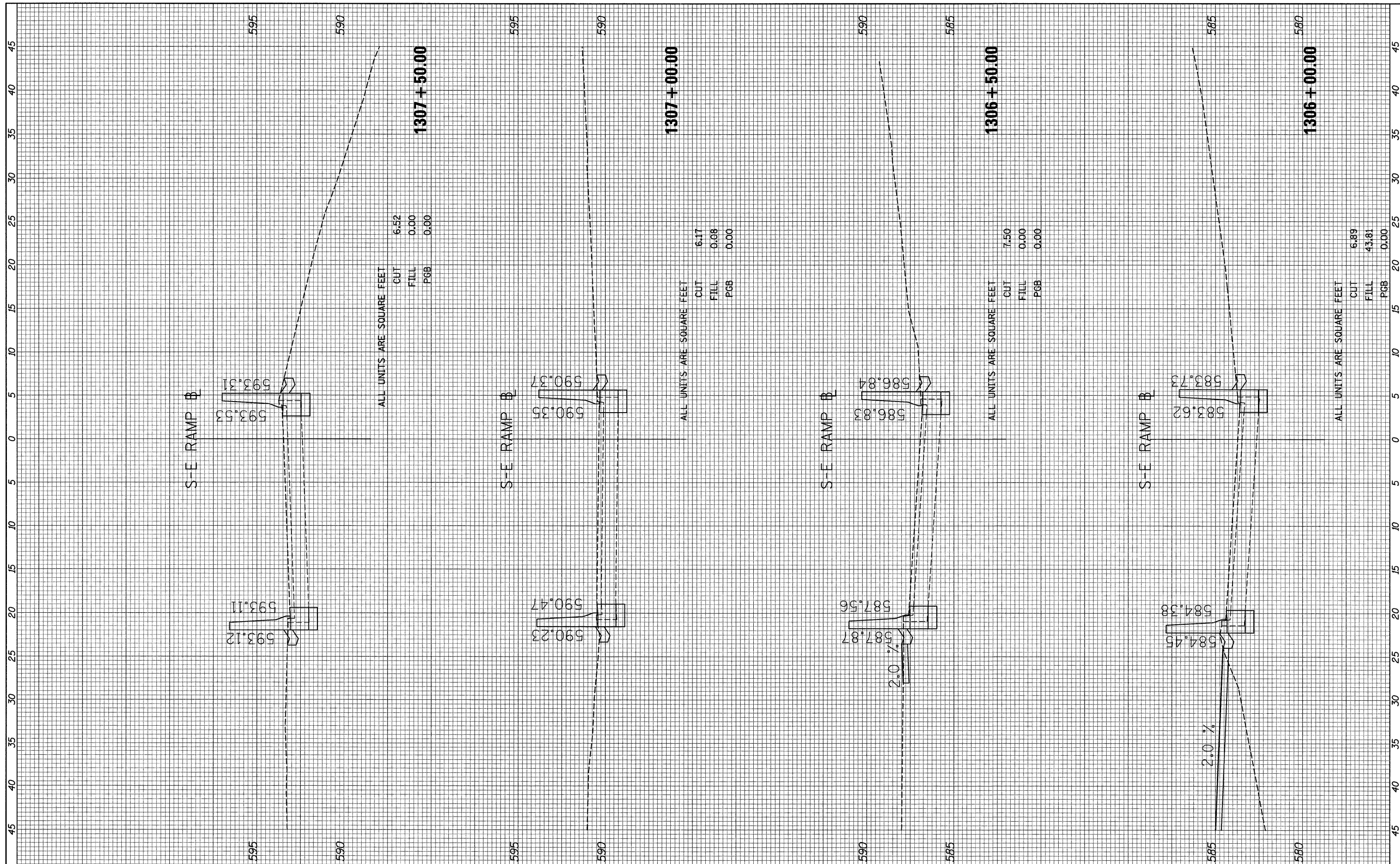
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 NO. _____ BY _____ DATE _____

ORIGINAL SURVEY SUPERVISED PLOTTED TEMPLATE AREAS CHECKED
 NO. _____ BY _____ DATE _____



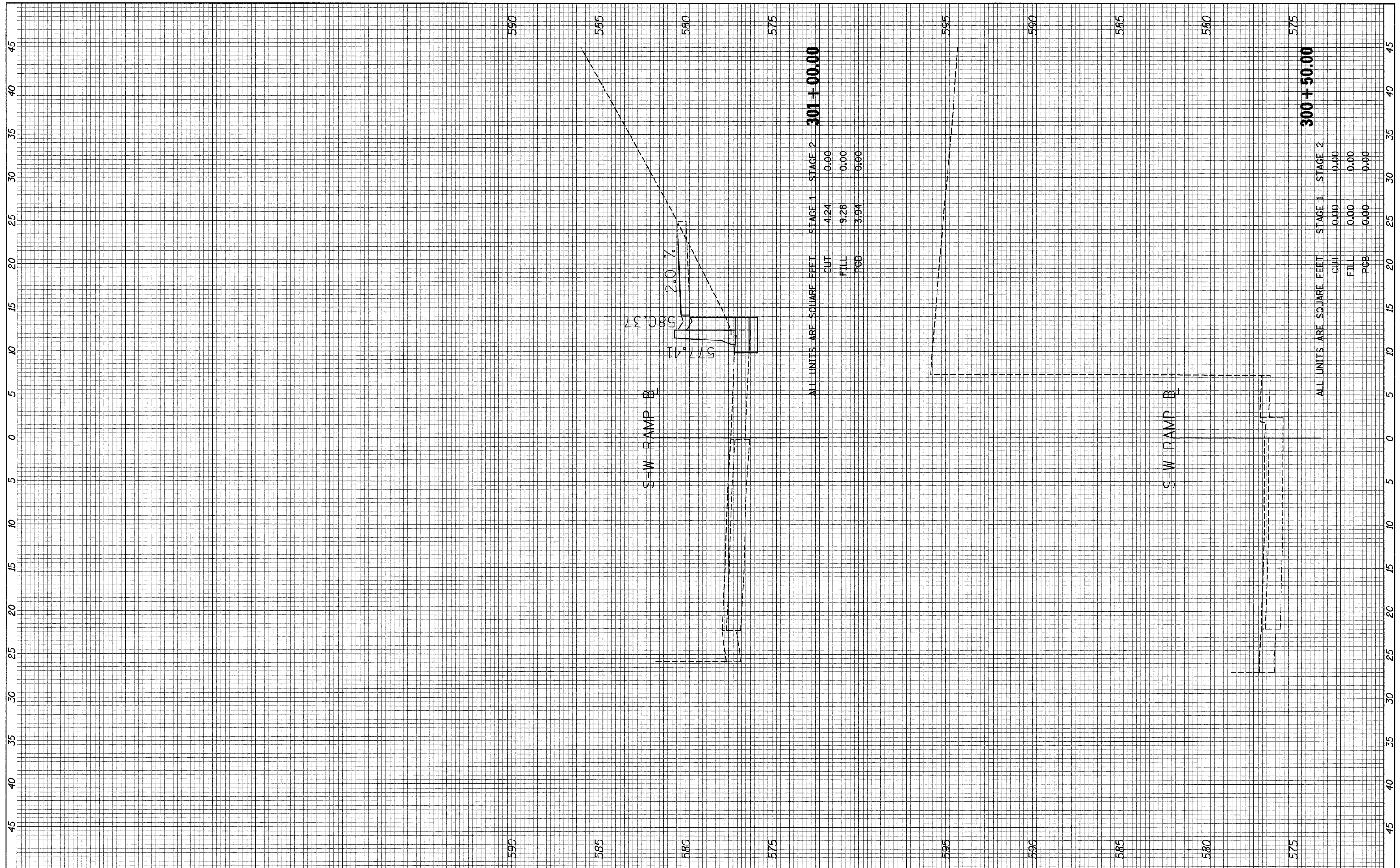
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		



FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



FILE NAME = 93_xs_s-w_ramp.sht01.dgn

USER NAME = USER:3690	DESIGNED - DLD	REVISED -
PLOT SCALE = 1:5	DRAWN - DLD	REVISED -
PLOT DATE = 9/8/2011	CHECKED - AAC	REVISED -
	DATE - 08/04/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

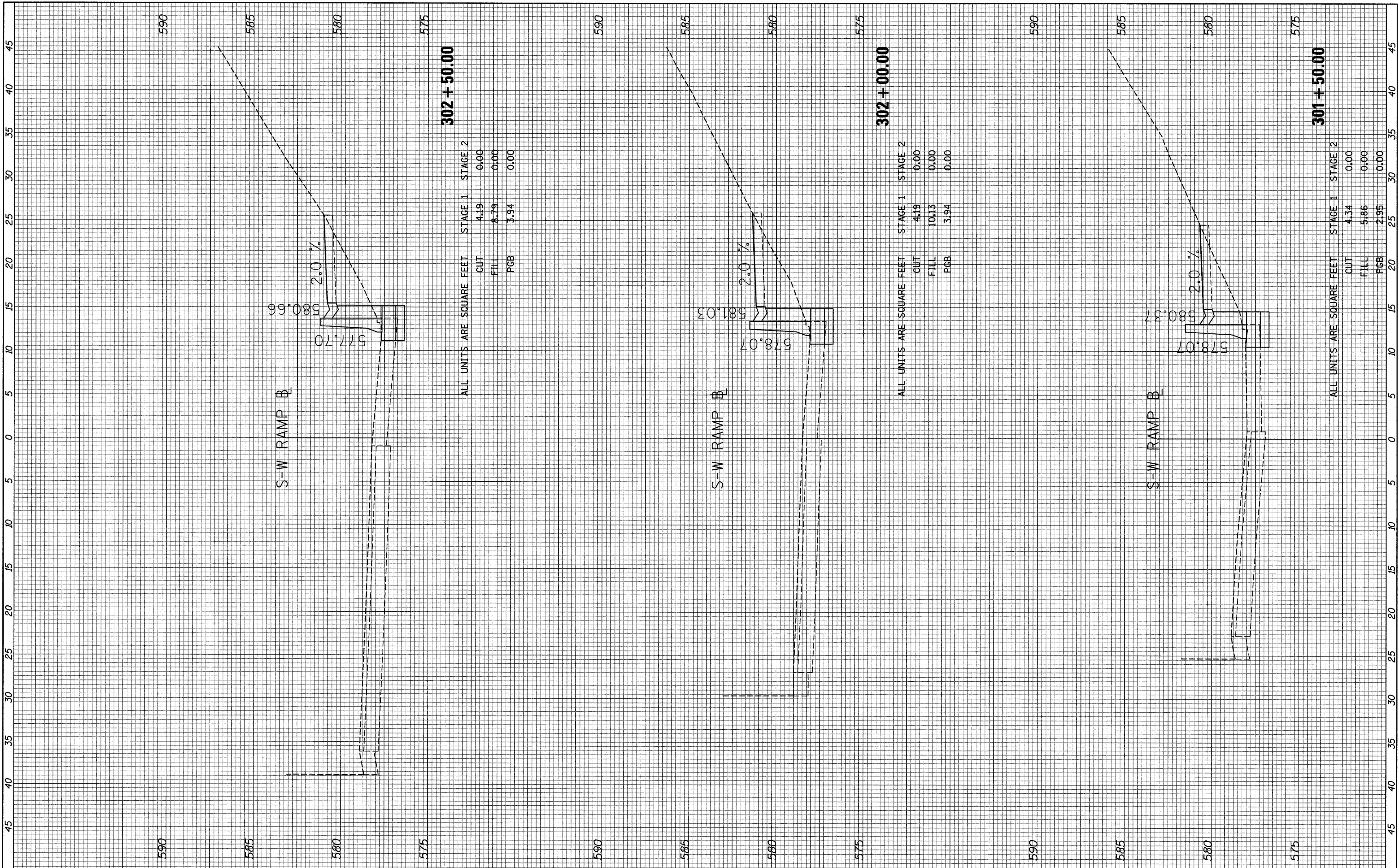
S-W RAMP CROSS SECTIONS

SCALE: 1" = 10' H, 1" = 5' V SHEET NO. 1 OF 11 SHEETS STA. 300+50.00 TO STA. 301+00.00

F.A.I. RTE. 90/94/230	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 97
CONTRACT NO. 60P67				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	DATE
CHECKED	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

ORIGINAL SURVEY NO.	DATE
CHECKED	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	



ALL UNITS ARE SQUARE FEET

	STAGE 1	STAGE 2
CUT	4.19	0.00
FILL	8.79	0.00
PGB	3.94	0.00

	STAGE 1	STAGE 2
CUT	4.19	0.00
FILL	10.13	0.00
PGB	3.94	0.00

	STAGE 1	STAGE 2
CUT	4.34	0.00
FILL	5.86	0.00
PGB	2.95	0.00

FILE NAME = 94_xs_s-w_ramp_sht02.dgn

USER NAME = USER3690
 PLOT SCALE = 1:5
 PLOT DATE = 9/8/2011

DESIGNED - DLD
 DRAWN - DLD
 CHECKED - AAC
 DATE - 08/04/11

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

S-W RAMP CROSS SECTIONS

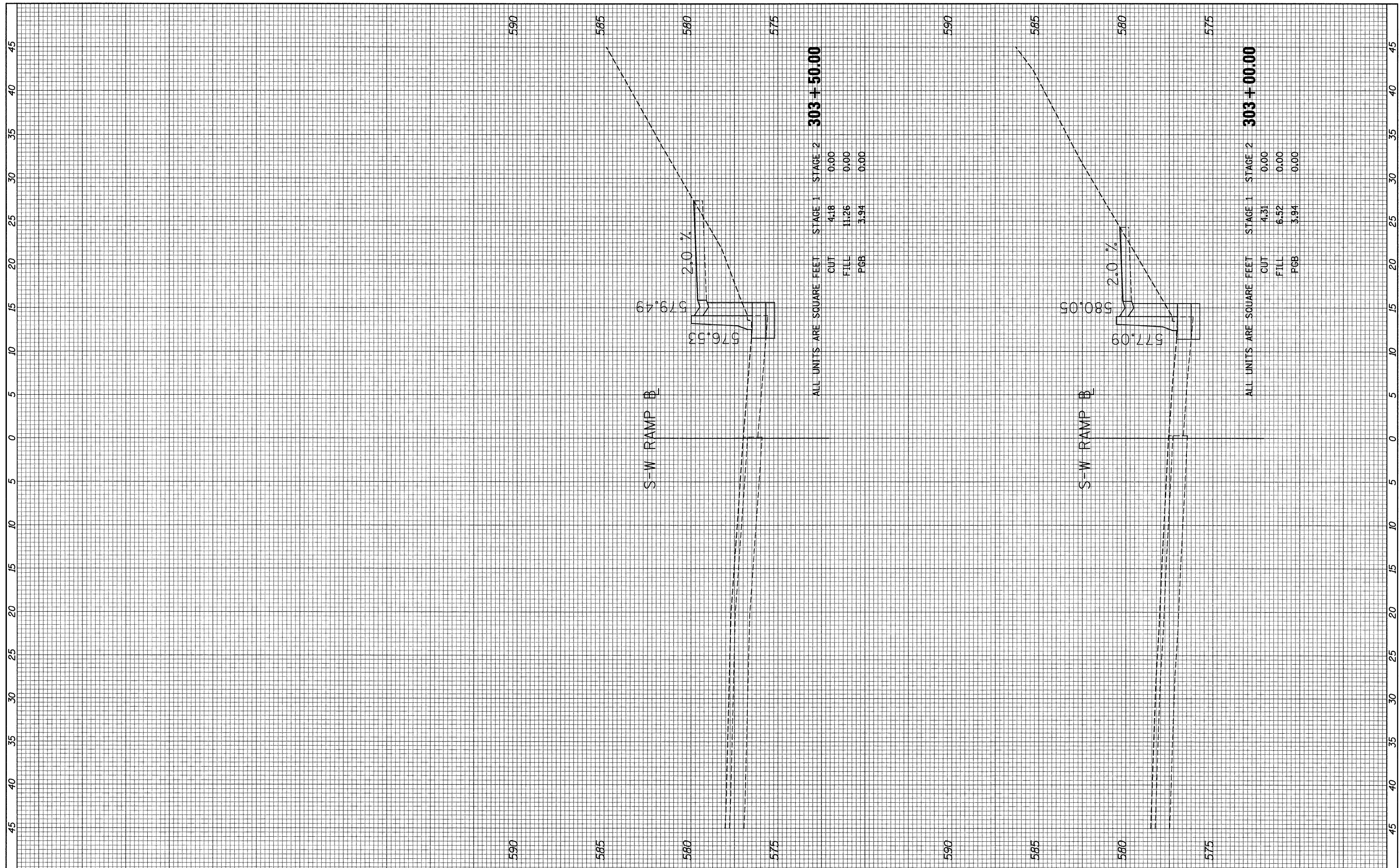
SCALE: 1/8" = 1' V
 SHEET NO. 2 OF 11 SHEETS
 STA. 301+50.00 TO STA. 302+50.00

F.A.I. RTE. 90/94/230	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 98
CONTRACT NO. 60P67				

ILLINOIS FED. AID PROJECT

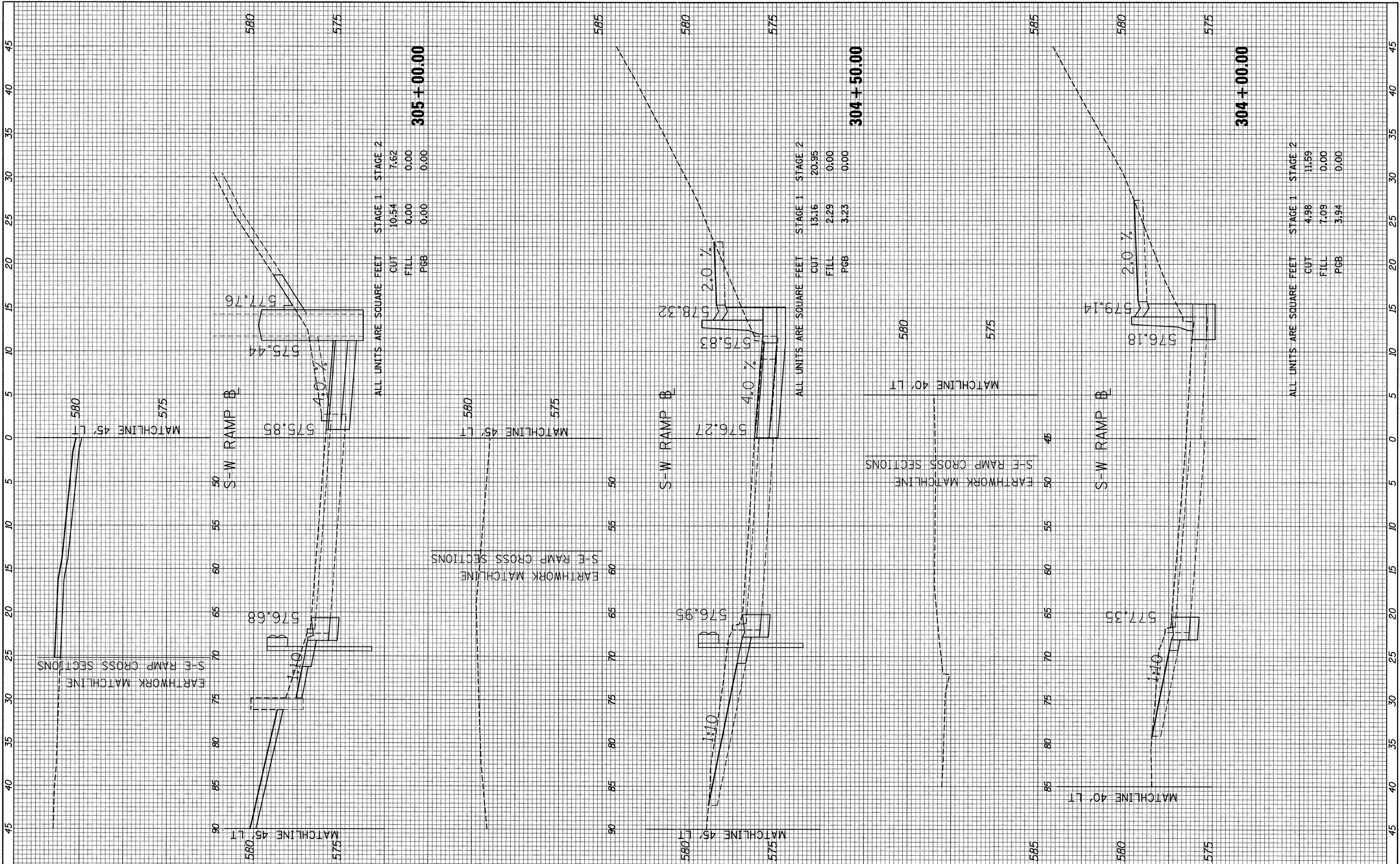
FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		



FINAL SURVEY NO.	SURVEY DATED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEY DATED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



305 + 00.00

STAGE 1		STAGE 2	
CUT	10.54	CUT	7.62
FILL	0.00	FILL	0.00
PGB	0.00	PGB	0.00

ALL UNITS ARE SQUARE FEET

304 + 50.00

STAGE 1		STAGE 2	
CUT	13.16	CUT	20.95
FILL	2.29	FILL	0.00
PGB	3.23	PGB	0.00

ALL UNITS ARE SQUARE FEET

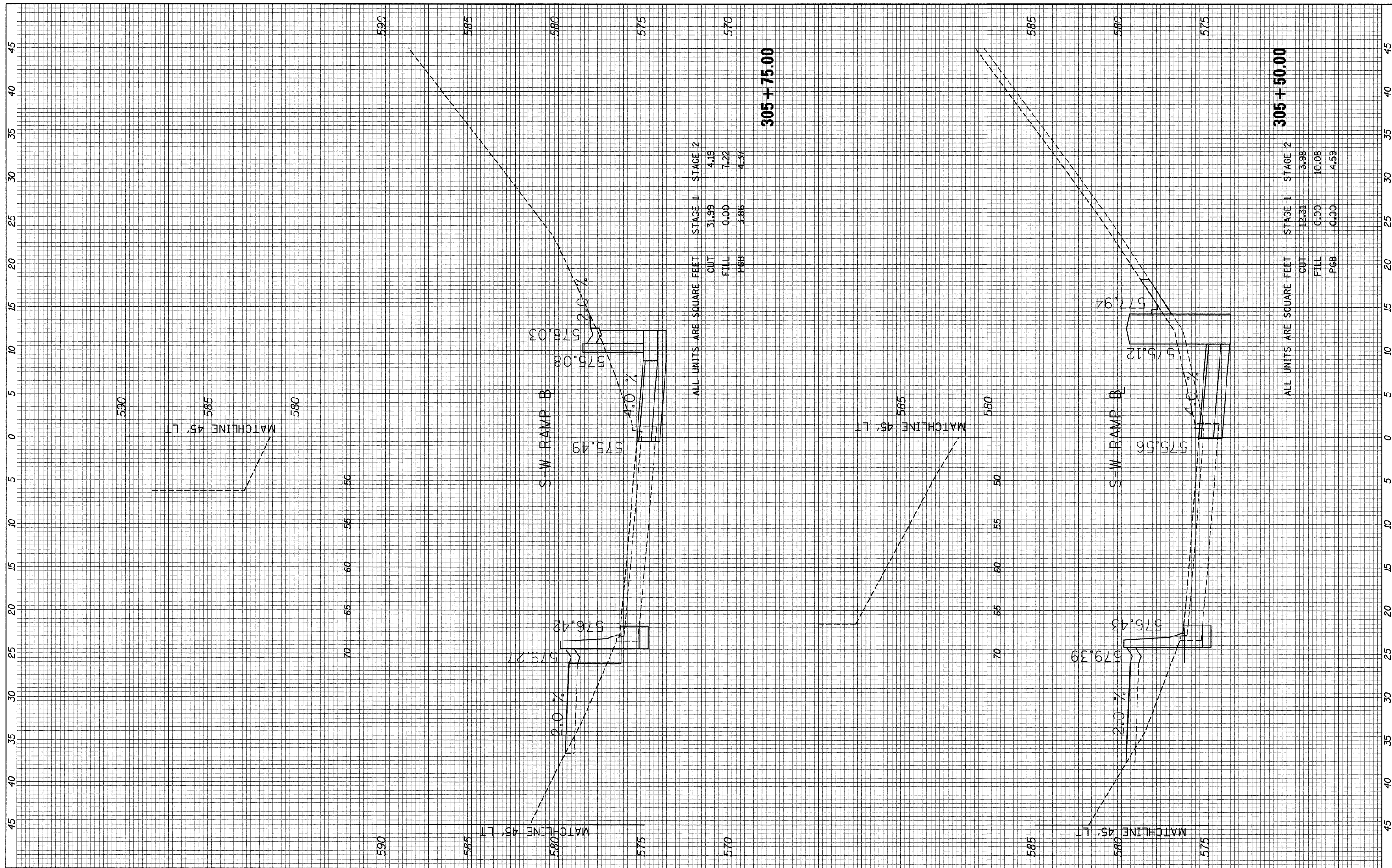
304 + 00.00

STAGE 1		STAGE 2	
CUT	4.98	CUT	11.59
FILL	7.09	FILL	0.00
PGB	3.94	PGB	0.00

ALL UNITS ARE SQUARE FEET

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMP. DATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMP. DATE		
	AREAS		
	CHECKED		



ALL UNITS ARE SQUARE FEET

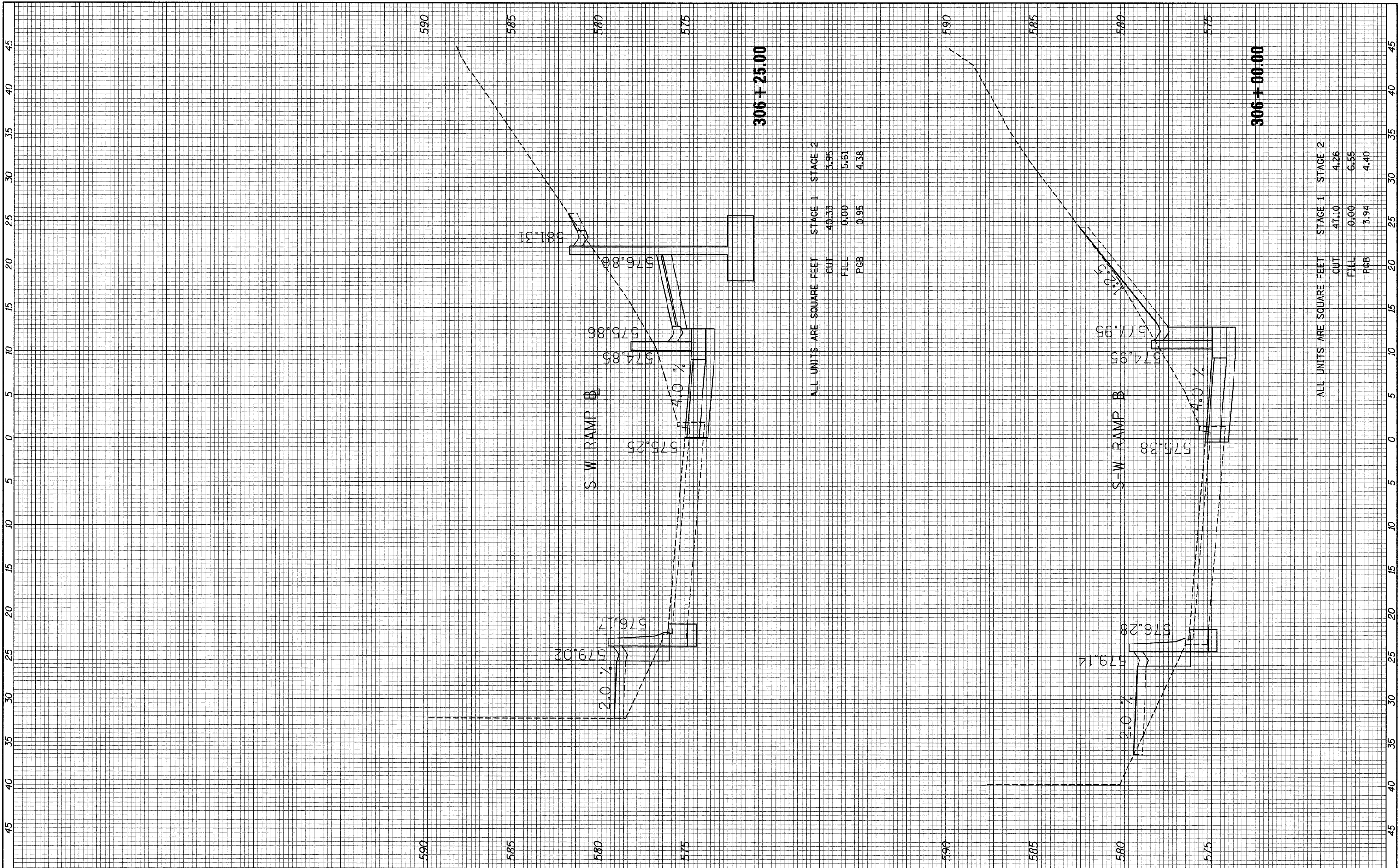
	STAGE 1	STAGE 2
CUT	31.99	4.19
FILL	0.00	7.22
P&B	3.86	4.37

ALL UNITS ARE SQUARE FEET

	STAGE 1	STAGE 2
CUT	12.31	3.98
FILL	0.00	10.08
P&B	0.00	4.59

FINAL SURVEY	BY	DATE
SURVEY		
PLOTTED		
TEMPLATE		
AREAS		
CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEY		
PLOTTED		
TEMPLATE		
AREAS		
CHECKED		
NO.		



ALL UNITS ARE SQUARE FEET

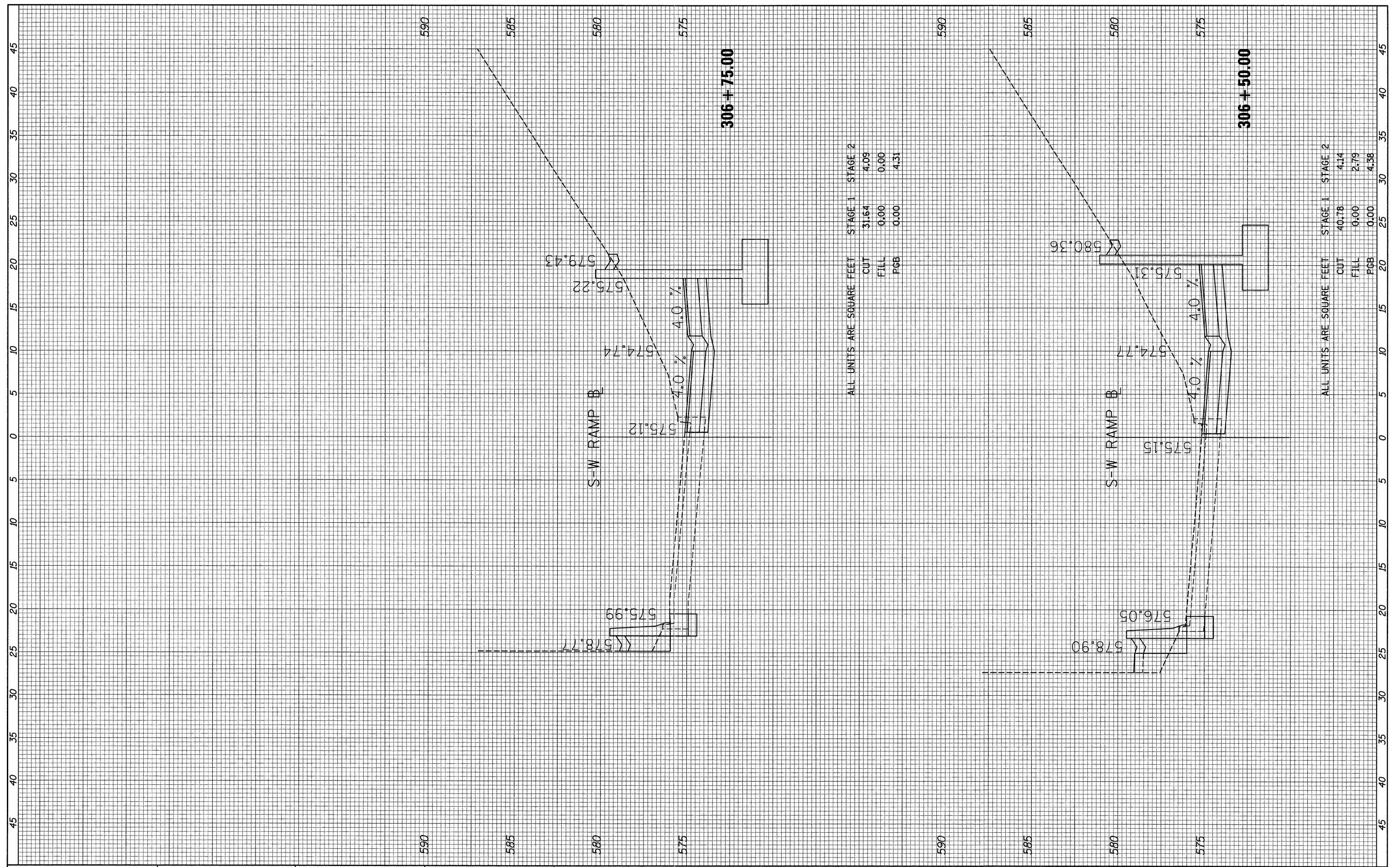
	STAGE 1	STAGE 2
CUT	40.33	3.95
FILL	0.00	5.61
PGB	0.95	4.38

ALL UNITS ARE SQUARE FEET

	STAGE 1	STAGE 2
CUT	47.10	4.26
FILL	0.00	6.55
PGB	3.94	4.40

FINAL SURVEY NO.	SURVEYED BY	DATE
NOTE BOOK NO.	PLOTTED BY	
	TEMPLATE AREAS CHECKED	

ORIGINAL SURVEY NO.	DESIGNED BY	DATE
NOTE BOOK NO.	DRAWN BY	
	CHECKED BY	



FILE NAME = 99_xs_s-w_ramp_sht07.dgn

USER NAME = USER13698

PLOT SCALE = 1:5

PLOT DATE = 9/8/2011

DESIGNED - DLD

DRAWN - DLD

CHECKED - AAC

DATE - 08/04/11

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

S-W RAMP CROSS SECTIONS

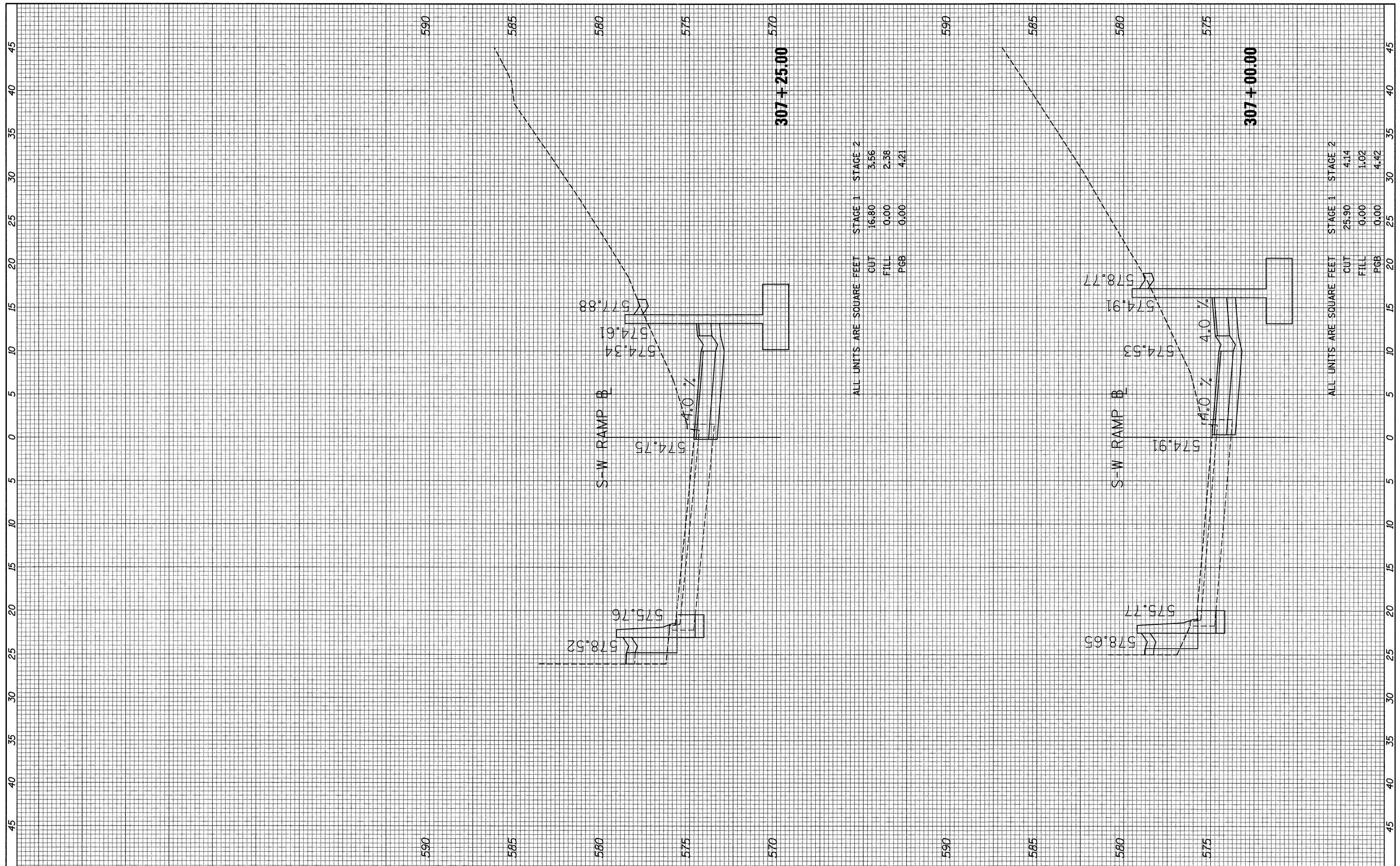
SCALE: 1 1/8" = 1' V

SHEET NO. 7 OF 11 SHEETS STA. 306+50.00 TO STA. 306+75.00

F.A.I. RTE. 90/94/230	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 103
CONTRACT NO. 60P67			ILLINOIS FED. AID PROJECT	

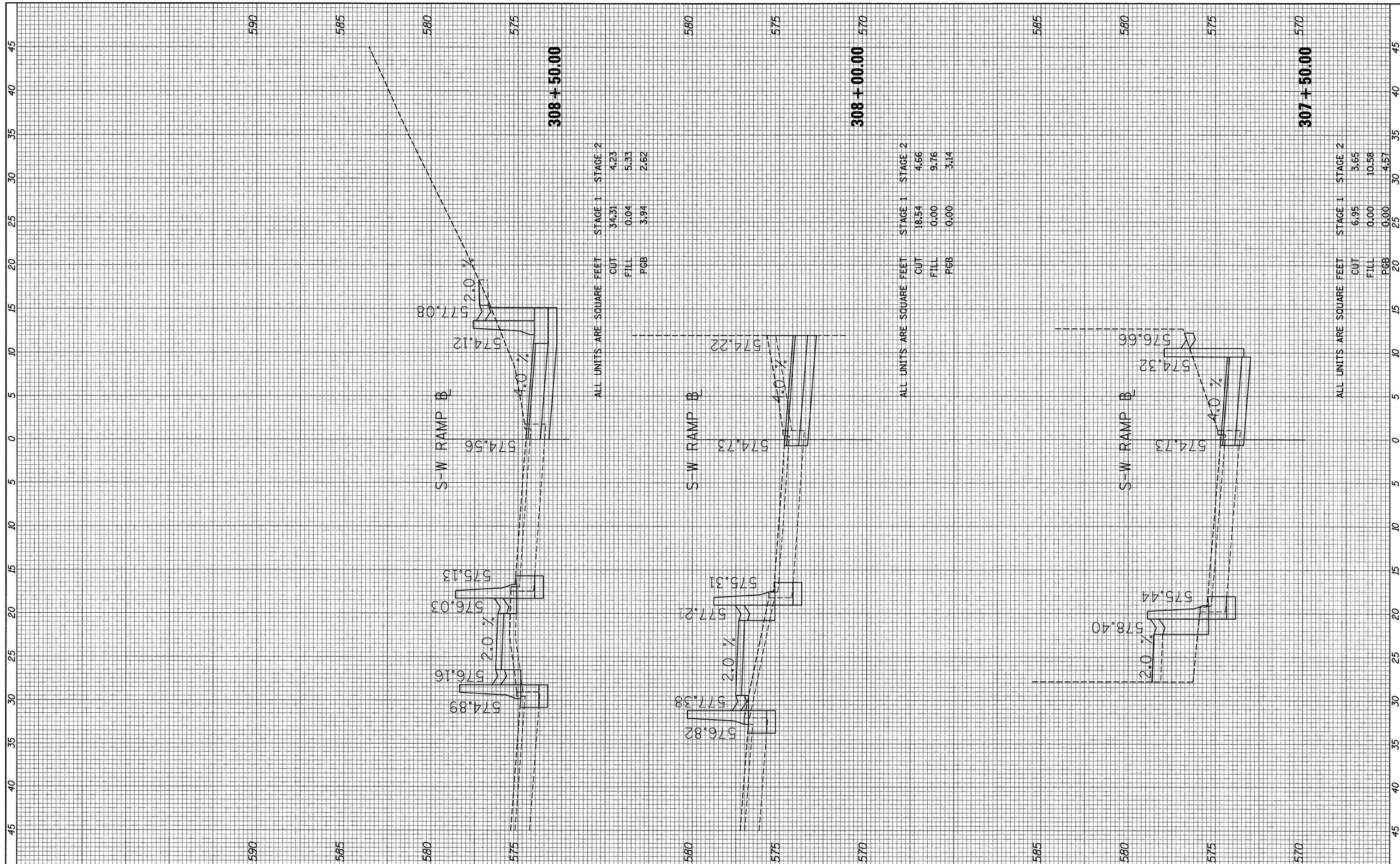
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



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USER NAME = USER:3698
 PLOT SCALE = 1:5
 PLOT DATE = 9/8/2011

DESIGNED - DLD
 DRAWN - DLD
 CHECKED - AAC
 DATE - 08/04/11

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

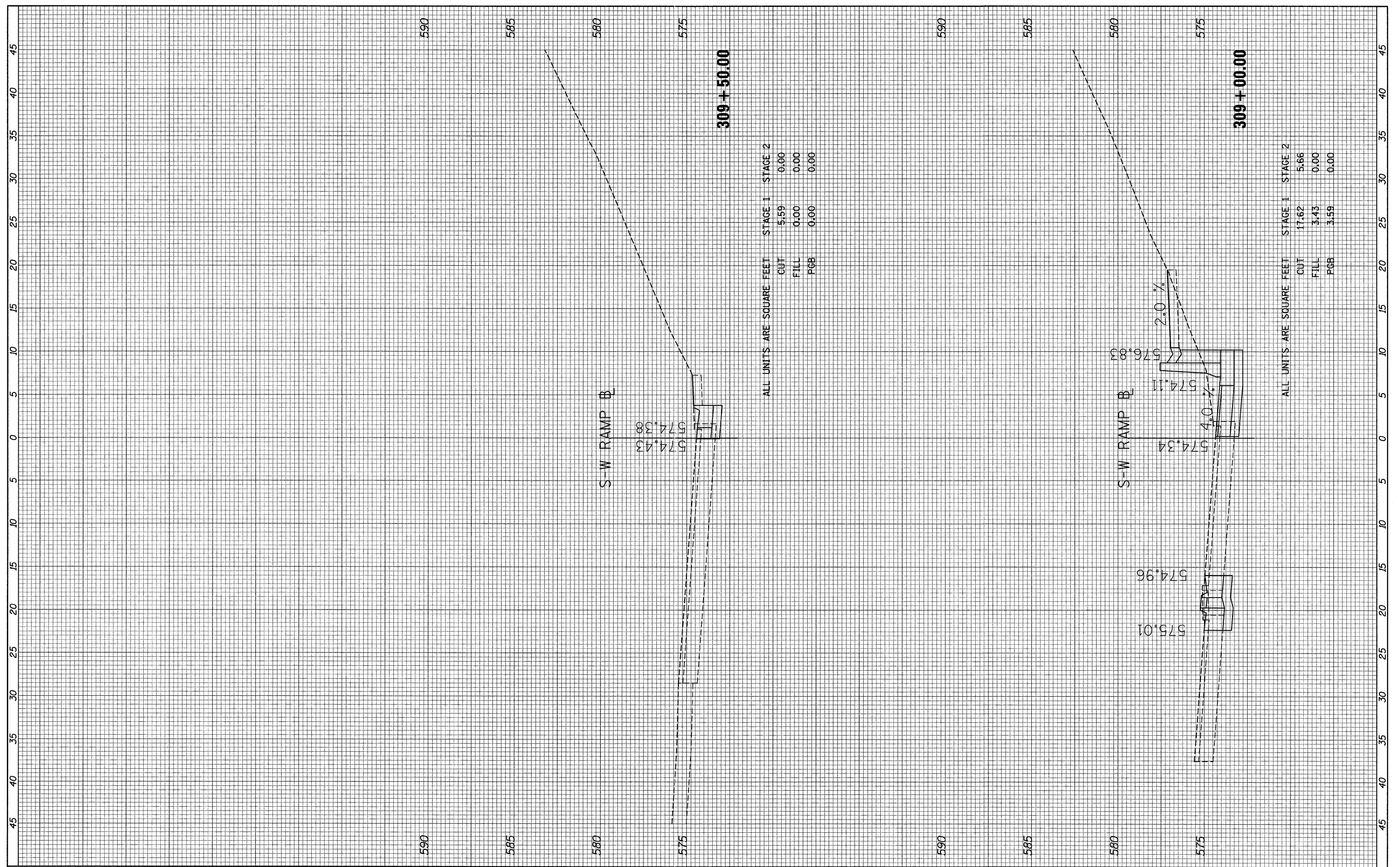
S-W RAMP CROSS SECTIONS

SCALE: 1/15" = 1' V
 SHEET NO. 9 OF 11 SHEETS STA. 307+50.00 TO STA. 308+50.00

F.A.I. RTE. 90/94/290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 105
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60P67	

FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS	CHECKED
	AREAS	CHECKED

ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS	CHECKED
	AREAS	CHECKED



FILE NAME = x102_xs_s-w_ramp_sh110.dgn

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PLOT SCALE = 1:5	DRAWN - DLD	REVISED -
PLOT DATE = 9/8/2011	CHECKED - AAC	REVISED -
	DATE - 08/04/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

S-W RAMP CROSS SECTIONS

SCALE: 1/8" = 1'-0"

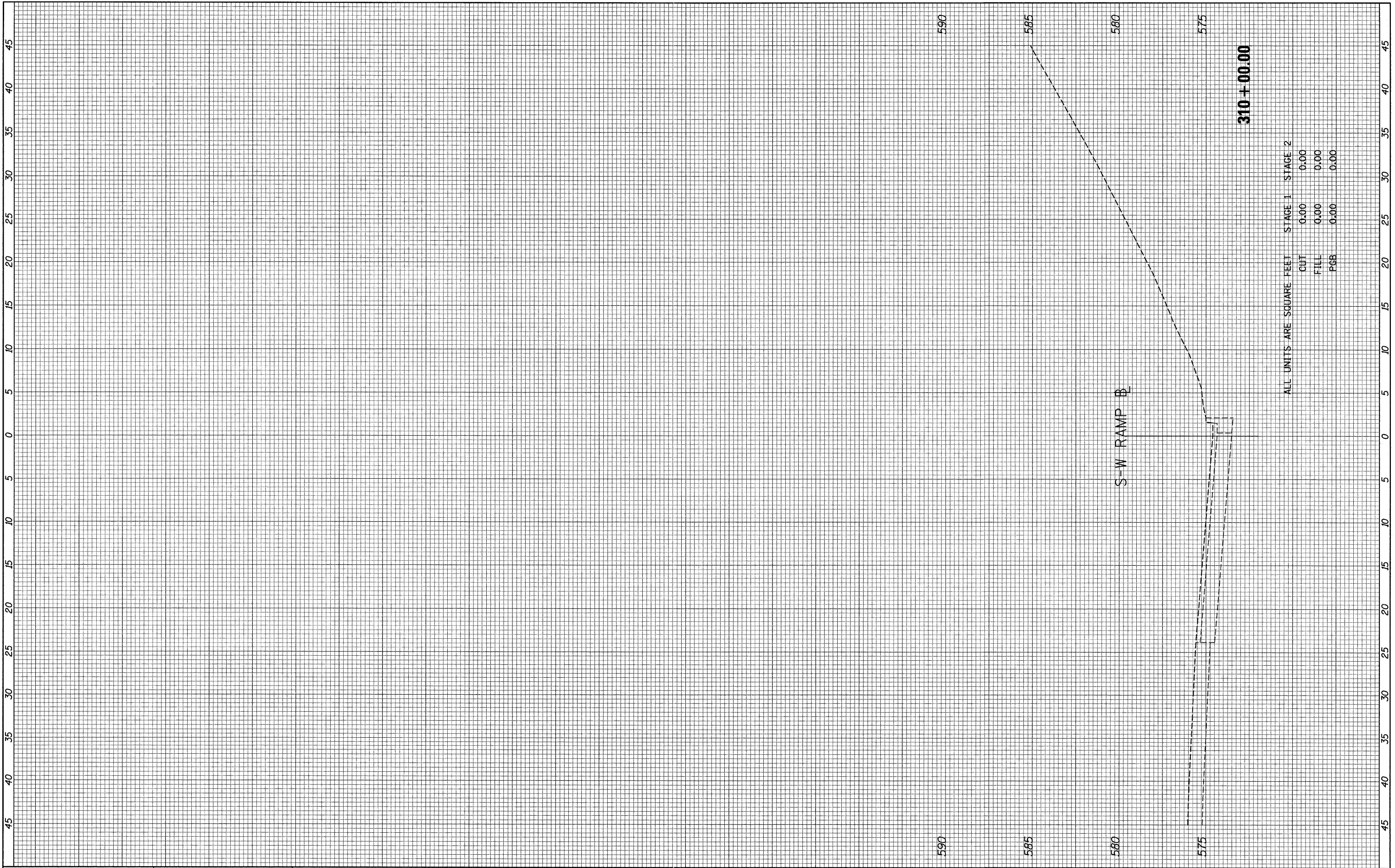
SHEET NO. 10 OF 11 SHEETS

STA. 309+00.00 TO STA. 309+50.00

F.A.I. RTE. 90/94/290	SECTION 2011-055-I	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 106
CONTRACT NO. 60P67				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	DESIGNED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	DESIGNED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



ALL UNITS ARE SQUARE FEET

	STAGE 1	STAGE 2
CUT	0.00	0.00
FILL	0.00	0.00
PGB	0.00	0.00