

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2019-005-1	VARIOUS	38	1
FED. ROAD DIST. NO. 1	ILLINOIS		CONTRACT NO. 62H86	
D-91-128-19		MCHEWY, LAKE, COOK, AND KANE COUNTY		

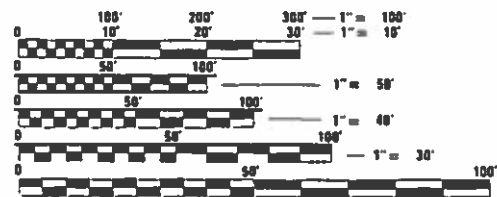
FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED  
HIGHWAY PLANS

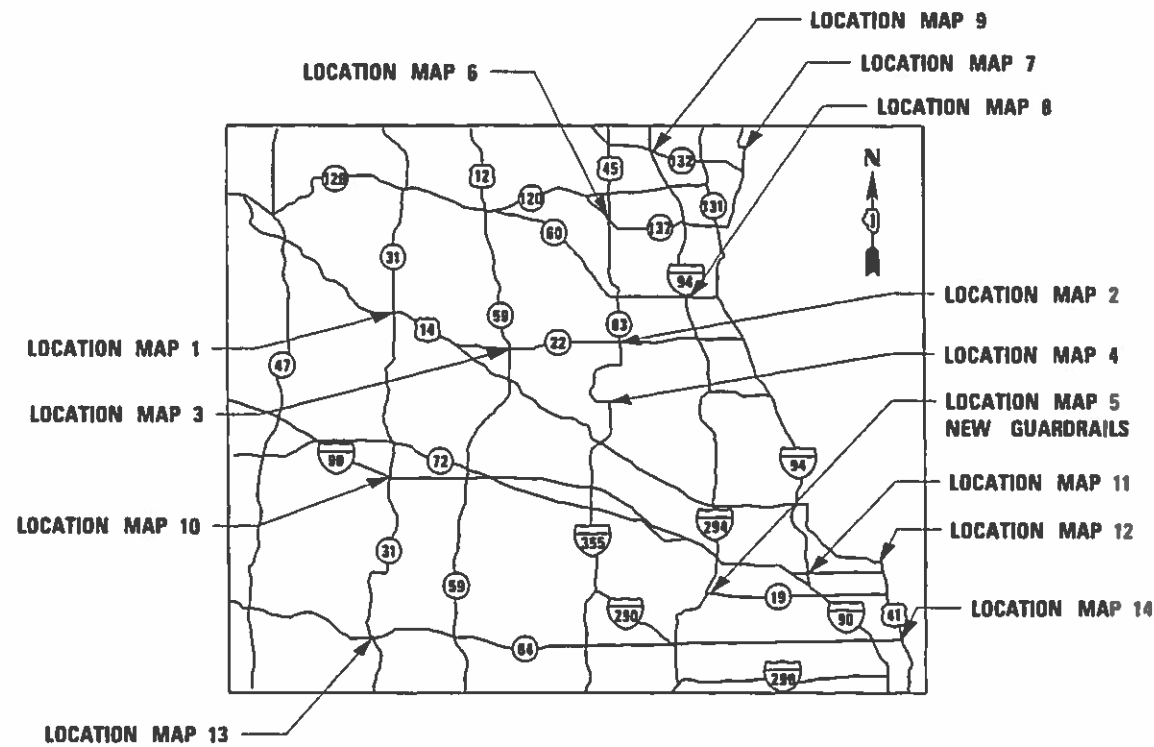
VARIOUS ROUTES  
SECTION: 2019-005-1  
PROJECT NO.: HSIP-FNVJ(697)  
GUARDRAIL END SECTION REPLACEMENT AND  
NEW GUARDRAIL INSTALLATION (NORTH SECTION)  
VARIOUS COUNTIES  
C-91-329-19

PROJECT LOCATED IN:  
VILLAGE OF CARY  
VILLAGE OF LONG GROVE  
VILLAGE OF LAKE ZURICH  
VILLAGE OF ROSEMONT  
VILLAGE OF SCHILLER PARK  
VILLAGE OF FRANKLIN PARK  
VILLAGE OF RIVER GROVE  
VILLAGE OF ROUND LAKE PARK  
VILLAGE OF GRAYSLAKE  
VILLAGE OF ST CHARLES  
VILLAGE OF FOX RIVER GROVE  
VILLAGE OF LIBERTYVILLE  
CITY OF LAKE FOREST  
CITY OF WAUKEGAN  
CITY OF CHICAGO  
DUNDEE TOWNSHIP



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.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811



LOCATION MAP  
NOT TO SCALE

MILLENNIA PROFESSIONAL SERVICES  
MATTHEW D. KOEHLER, P.E.  
\* 062-067917

*Matthew D. Koehler*  
DATE: 12/10/19  
SIGNATURE AND SEAL APPLIES TO DRWG.



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED ~~December 4~~ 20 19

*Matthew D. Koehler*  
REGIONAL ENGINEER

*Jan 31 20 20*  
E.T.S.  
ENGINEER OF DESIGN AND ENVIRONMENT

*Jan 31 20 20*  
DIRECTOR OF PROJECT IMPLEMENTATION 3

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MILLENNIA PROFESSIONAL SERVICES

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OF THE STATE OF ILLINOIS

PROJECT ENGINEER: DAN WILGREEN (847) 705-4240  
PROJECT MANAGER: FAWAD F. AQUEEL (847) 705-4247

CONTRACT NO. 62H86

**INDEX OF SHEETS**

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**LIST OF ILLINOIS DOT HIGHWAY STANDARDS**

000001-07 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS  
 280001-07 TEMPORARY EROSION CONTROL SYSTEMS  
 630001-12 STEEL PLATE BEAM GUARDRAIL  
 630101-10 STRONG POST GUARDRAIL ATTACHED TO CULVERT  
 630301-09 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS  
 635001-02 DELINEATORS  
 701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY  
 701006-05 OFF-RD OPERATIONS, 2L,2W, 15' TO 24" FROM PAVEMENT EDGE  
 701011-04 OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY  
 701101-05 OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE  
 701106-02 OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY  
 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS  
 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEED > OR = 45 MPH  
 701311-03 LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY  
 701336-07 LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS > OR = 45 MPH  
 701421-08 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > OR = 45 MPH TO 55 MPH  
 701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS > OR = 45 MPH  
 701427-05 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS < 40 MPH OR = 40 MPH  
 701456-05 PARTIAL EXIT RAMP CLOSURE FREEWAY / EXPRESSWAY  
 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED  
 701502-09 URBAN LANE CLOSURE, 2L, 2W, WITH BI-DIRECTIONAL LEFT TURN LANE  
 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN  
 701602-10 URBAN LANE CLOSURE, MUTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE  
 701606-10 URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN  
 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION  
 701901-08 TRAFFIC CONTROL DEVICES  
 725001-01 OBJECT AND TERMINAL MARKERS  
 782006-01 GUARDRAIL AND BARRIER WALL REFECTOR MOUNTING DETAILS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP TYPE
HMA SHOULDER, 6"		
HOT-MIX ASPHALT BINDER, IL-19, 6"	4% @ 50 GYR.	QC/QA
QMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE (QC/QA);		

**MIXTURE NOTES**

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.
3. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

**GENERAL NOTES**

- 1 BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 OR DIGGER AT 312-744-700 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
- 2 MEADE ELECTRIC CO. DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR LOCATES IDOT ELECTRICAL EQUIPMENT AND UNDERGROUND CABLES 773-287-7672.
- 3 THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.39 OF THE STANDARD SPECIFICATIONS. ANY DAMAGE TO THE UNDERGROUND FACILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE, INCLUDING TEMPORARY REPAIRS WHICH MAY BE REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS.
- 4 THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, AND THE MUNICIPALITIES LISTED ON THE COVER SHEET.
- 5 THE RESIDENT ENGINEER SHALL CONTACT THE DEPARTMENT'S ELECTRICAL MAINTENANCE CONTRACTOR, MEADE ELECTRIC COMPANY, AT (773) 287-7672 PRIOR TO THE START OF CONSTRUCTION TO LOCATE ALL IDOT ELECTRICAL EQUIPMENT AND UNDERGROUND CABLES.
- 6 THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV AND THE EXPRESSWAY TRAFFIC CONTROL SUPERVISOR CLOSURES ON THE EXPRESSWAYS AT (847) 705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK. THE CONTRACTOR SHALL REGISTER ACCOUNT AT WWW.IDOTLCS.COM TO REQUEST.
- 7 THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- 8 THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- 9 IN ADDITION TO FIELD AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- 10 THE LOCATIONS OF THOSE BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE, ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTOR TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVE GROUND UTILITY LOCATIONS, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVE GROUND UTILITES REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 11 DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- 12 THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
- 13 WHERE SECTION OR SUB-SECTION 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 THEIR LOCATION.
- 14 FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- 15 THE CONTRACTOR SHALL VERIFY THE EXISTING TYPE/HEIGHT OF EXISTING GUARDRAIL BEFORE ORDERING THE NEW TERMINAL SECTION. THE TERMINAL SECTION SHALL MATCH THE HEIGHT OF THE EXISTING GUARDRAIL.
- 16 REMOVED GUARDRAIL MUST BE REPLACED ON THE SAME DAY UNLESS AUTHORIZED BY THE RESIDENT ENGINEER. NO LOCATIONS WILL BE LEFT WITHOUT EITHER LIGHTED BARRICADES OR RESTORED GUARDRAIL AT ANY TIME.
- 17 THE CONTRACTOR SHALL ONLY PERFORM WORK ON ONE SIDE OF THE ROADWAY AT ANY TIME.
- 18 NO MATERIAL SHOULD BE LEFT ON OR NEAR THE ROADWAY DURING NON-WORKING HOURS.
- 19 WHEN GUARDRAIL POSTS ARE PLACED BEHIND CONCRETE HEADWALLS, THE POSTS SHALL NOT BE PLACED TO BLOCK THE DRAINAGE OPENING.

**COMMITMENTS**

NO COMMITMENTS FOR THIS PROJECT

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL REPLACEMENT (NORTH AND CENTRAL SECTION)  
INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES**



USER NAME = mkochlcr	DESIGNED - TN	REVISED -
	DRAWN - JP	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED - TN	REVISED -
PLOT DATE = 12/6/2019	DATE - 12/6/2019	REVISED -

SCALE: N/A	SHEET NO. OF SHEETS	STA. N/A TO STA. N/A	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			VAR.	2009-005-1	VARIOUS	38	2
			FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
					CONTRACT NO. 62H86		

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE			
				LAKE COUNTY 90% FED 10% STATE 0021	MCHENRY COUNTY 90% FED 10% STATE 0021	COOK COUNTY 90% FED 10% STATE 0021	KANE COUNTY 90% FED 10% STATE 0021
20200100	EARTH EXCAVATION	CU YD	221			221	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	221			221	
20400800	FURNISHED EXCAVATION	CU YD	24			24	
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	133			133	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	122	30		92	
25000210	SEEDING, CLASS 2A	ACRE	1.00	0.25	0.25	0.25	0.25
25000312	SEEDING, CLASS 4A	ACRE	1.00	0.25	0.25	0.25	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	92	23	23	23	23
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	92	23	23	23	23
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	92	23	23	23	23
25100630	EROSION CONTROL BLANKET	SQ YD	5000	1250	1250	1250	1250
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	5000	1250	1250	1250	1250
40600290	BITUMINOUS MATERIALS ( TACK COAT)	POUND	224	7		214	3
44004250	PAVED SHOULDER REMOVAL	SQ YD	45	30			15
48101620	AGGREGATE SHOULDERS, TYPE B 10"	SQ YD	1457	162	15	1204	76
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	998	30		953	15
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	490.0	37.5		452.5	
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	1888.0			1888.0	
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2			2	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	41	14	1	20	6
63200310	GUARDRAIL REMOVAL	FOOT	1825.5	762.5	50.0	713.0	300.0
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	221.0			221.0	
66900530	SOIL DISPOSAL ANALYSIS	EACH	6			6	
66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1			1	
66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1			1	
66901006	REGULATED SUBSTANCES MONITORING	CAL DA	10			10	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	2	0.5	2.5	1.0
67100100	MOBILIZATION	L SUM	1	0.3	0.1	0.4	0.2
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	0.3	0.1	0.4	0.2

\* DENOTES SPECIALTY ITEM

FILE NAME = P:\2019\ME19083.Ver.Ver-PII\W010.62H85.62H86.Guardrail Replacements\01-CADD\02-Shts\62H85\03-D162H86-shr-S00.dgn  
 PLOT SCALE = 2.0000' / in.  
 USER NAME = Millennium Professional Services



USER NAME = mkoehler	DESIGNED - TN	REVISED -
	DRAWN - JP	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - TN	REVISED -
PLOT DATE = 12/12/2019	DATE - 12/12/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL REPLACEMENT (NORTH AND CENTRAL SECTION)  
SUMMARY OF QUANTITIES**

SCALE: N/A SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2009-005-1	VARIOUS	38	3
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT			CONTRACT NO. 62H86	

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**GUARDRAIL REPLACEMENT - SCHEDULE OF QUANTITIES**

**62H86 NORTH REGION**

LINE NO.	LOCATION MAP	COUNTY	ROUTE	GUARDRAIL ID NUMBER	LOCATION DESCRIPTION	GUARDRAIL REMOVAL	TRAFFIC BAR TERM. TY. 1 (SP) TANGENT	TRAFFIC BAR TERM. TY. 2	SPB GR. TY. A 6FT POSTS	SPB GR. TY. A 9FT POSTS	STEEL POST, ATTACHED TO STRUCTURES	TERMINAL MARKER-DIRECT APPLIED	PAVED SHOULDER REMOVAL	TOPSOIL EXCAVATION AND PLACEMENT	TOPSOIL FURNISH AND PLACE, 4"	HOT-MIX ASPHALT SHOULDER 6"	AGGREGATE SHOULDER, TY B 10"	EARTH EXCAVATION	FURNISHED EXCAVATION
						(FOOT)	(EACH)	(EACH)	(FOOT)	(FOOT)	(EACH)	(EACH)	(SQ YD)	(CU YD)	(SQ YD)	(SQ YD)	(SQ YD)	(CU YD)	(CU YD)
1	1	LAKE	US-14	2095	SB, RT, 0.3 MILE S/O IL-22	ALREADY REPLACED WITH TBT TY 1													
2	4	LAKE	IL-53	2100	NB, RT, 0.3 MILE S/O IL-83	50	1					1					15		
3	4	LAKE	IL-53	2102	SB, RT, 0.2 MILE S/O IL-83	50	1					1					15		
4	6	LAKE	IL-120	2262	EB, RT, 0.2 MILE E/O CURRAN RD	50	1					1					15		
5	2	LAKE	IL-22	2420	WB, RT, 0.1 MILE E/O OLD MCHENRY RD	50	1					1					15		
6	3	LAKE	US-12	2479	EB, RT, ON COUNTRY CLUB RD	50	1				3	1					15		
7	2	LAKE	IL-83	2586	SB, RT, JUST N/O WESTMORELAND DR	50	1					1	15			15			
8	2	LAKE	IL-83	2592	SB, LT, 0.1 MILE S/O WESTMORELAND DR	50	1					1	15			15			
9	6	LAKE	IL-137	2818	EB, RT, JUST W/O US-45	50	1					1					15		
10	8	LAKE	IL-60	3115	EB, RT, 0.8 MILE E/O I-94 (AT R/R)	25	1					1					15		
11	8	LAKE	IL-60	3122	WB, RT, 0.4 MILE W/O IL-43 (AT RIVER)	50	1					1					15		
12	8	LAKE	IL-60	3124	WB, RT, 0.6 MILE W/O IL-43 (AT R/R)	25	1					1					15		
13	9	LAKE	BROOKSIDE AVE	9816	WB, RT, E/O IL-131	162.5	1		37.5			1					27		
14	7	LAKE	PERSHING RD	9817	NB, RT, S/O IL-137	50	1					1			15				
15	7	LAKE	IL-137	9818	WB, RT, E/O PERSHING RD (RT TURN LANE)	50	1					1			15				
16	7	LAKE	PERSHING RD	9819	SB, RT, N/O IL-137	END OF ROAD, NO SB TRAFFIC, RECOMMEND TO LEAVE GUARDRAIL AS IT IS													
17	1	McHENRY	US-14	9629	WB, RT, 0.3 MILE W/O THREE OAKS RD	50	1					1					15		
<b>LAKE COUNTY TOTAL</b>						<b>762.5</b>	<b>14</b>	<b>0</b>	<b>37.5</b>	<b>0</b>	<b>3</b>	<b>14</b>	<b>30</b>		<b>30</b>	<b>30</b>	<b>162</b>		
<b>McHENRY COUNTY TOTAL</b>						<b>50</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>		<b>0</b>	<b>0</b>	<b>15</b>		

**62H86 CENTRAL REGION**

LINE NO.	LOCATION MAP	COUNTY	ROUTE	GUARDRAIL ID NUMBER	LOCATION DESCRIPTION	GUARDRAIL REMOVAL	TRAFFIC BAR TERM. TY. 1 (SP) TANGENT	TRAFFIC BAR TERM. TY. 2	SPB GR. TY. A 6FT POSTS	SPB GR. TY. A 9FT POSTS	STEEL POST, ATTACHED TO STRUCTURES	TERMINAL MARKER-DIRECT APPLIED	PAVED SHOULDER REMOVAL	TOPSOIL EXCAVATION AND PLACEMENT	TOPSOIL FURNISH AND PLACE, 4"	HOT-MIX ASPHALT SHOULDER 6"	AGGREGATE SHOULDER, TY B 10"	EARTH EXCAVATION	FURNISHED EXCAVATION	
						(FOOT)	(EACH)	(EACH)	(FOOT)	(FOOT)	(EACH)	(EACH)	(SQ YD)	(CU YD)	(SQ YD)	(SQ YD)	(SQ YD)	(CU YD)	(CU YD)	
1	12	COOK	FOSTER AVE	1241	EB, RT, JUST E/O LEAVITT ST	112.5	1		62.5			1			35					
2	12	COOK	LAKE SHORE DR	1596	NB, LT, JUST S/O HOLLYWOOD AVE	50	1					1			15					
3	14	COOK	US-41	1697	SB, RT, EXT RAMP TO MICHIGAN AVE	37.5		1	25			1			8					
4	11	COOK	FOSTER AVE	6873	EB, RT, AT KENNETH AVE	37.5	21 FEET FROM EOP TO BUILDING WHICH IS OUTSIDE OF 16 FEET CLEARZONE, RECOMMEND TO REMOVE GUARDRAIL													
5	11	COOK	FOSTER AVE	6875	EB, RT, JUST E/O KROSTNER AVE	6.5	1	1				2			19		19			
6	11	COOK	FOSTER AVE	6877	EB, RT, JUST E/O KROSTNER AVE	6.5	SEE NO. 6875													
7	11	COOK	FOSTER AVE	6879	EB, RT, JUST E/O KROSTNER AVE	37.5	SEE NO. 6875													
8	11	COOK	FOSTER AVE	6881	EB, RT, JUST E/O KILDARE AVE	50	1				10	1					15			
9	11	COOK	FOSTER AVE	6883	EB, RT, JUST E/O TRIPP AVE	50	1					1			15					
10	11	COOK	FOSTER AVE	6887	WB, RT, AT TRIPP AVE	TOO SHORT FOR TBT TY 1, RECOMMEND TO LEAVE GUARDRAIL AS IT IS														
11	13	KANE	IL-31	7780	NB, RT, 0.7 MILE S/O SILVER GLEN RD	50	1					1					15			
12	10	KANE	IL-31	7958	NB, RT, 0.4 MILE N/O TOLLGATE RD	ALREADY REPLACED WITH TBT TY 1														
13	10	KANE	IL-31	7974	NB, RT, 0.3 MILE N/O COUNTRY SCHOOL RD	UNDER CONSTRUCTION														
14	10	KANE	IL-31	8102	SB, RT, JUST S/O MILLER RD	UNDER CONSTRUCTION														
15	10	KANE	IL-31	8110	SB, RT, AT LINCOLN AVE	50	1				6	1					15			
16	10	KANE	IL-31	8112	SB, RT, JUST S/O BONCOSKY RD	50	1					1	15			15				
17	10	KANE	IL-72	8514	EB, RT, JUST E/O RICHMOND RD	50	1					1					15			
18	10	KANE	IL-72	8518	EB, RT, AT PINE CONE LANE	50	1					1					15			
19	10	KANE	IL-72	8522	WB, RT, JUST W/O RAINBOW DR	50	1					1					15			

**NEW GUARDRAILS**

5	COOK	RIVER RD	1	SEE PLAN	37.5	1			75			1		13			79	22	
5	COOK	RIVER RD	2	SEE PLAN		2				687.5		2				548			24
5	COOK	RIVER RD	3	SEE PLAN		2				175		2		36		242		60	
5	COOK	RIVER RD	4	SEE PLAN	75				115	112.5				8			140	13	
5	COOK	RIVER RD	5A	SEE PLAN	37.5	1				175		1		35			155		58
5	COOK	RIVER RD	5B	SEE PLAN		2			87.5	25		2					203		
5	COOK	RIVER RD	6	SEE PLAN		2			87.5	162.5		2		31			260	52	
5	COOK	RIVER RD	7	SEE PLAN		2				225	2	2				163			
5	COOK	RIVER RD	8	SEE PLAN	175	1				212.5		1					218		
5	COOK	RIVER RD	9	SEE PLAN		2				112.5	2	2		10			115	16	
<b>COOK COUNTY TOTAL</b>						<b>713</b>	<b>20</b>	<b>2</b>	<b>453</b>	<b>1888</b>	<b>14</b>	<b>22</b>	<b>0</b>	<b>133</b>	<b>92</b>	<b>953</b>	<b>1204</b>	<b>221</b>	<b>24</b>
<b>KANE COUNTY TOTAL</b>						<b>300</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>6</b>	<b>15</b>	<b>0</b>	<b>15</b>	<b>76</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GRAND TOTAL</b>						<b>1825.5</b>	<b>41</b>	<b>2</b>	<b>490.5</b>	<b>1888</b>	<b>23</b>	<b>43</b>	<b>45</b>	<b>133</b>	<b>122</b>	<b>998</b>	<b>1457</b>	<b>221</b>	<b>24</b>

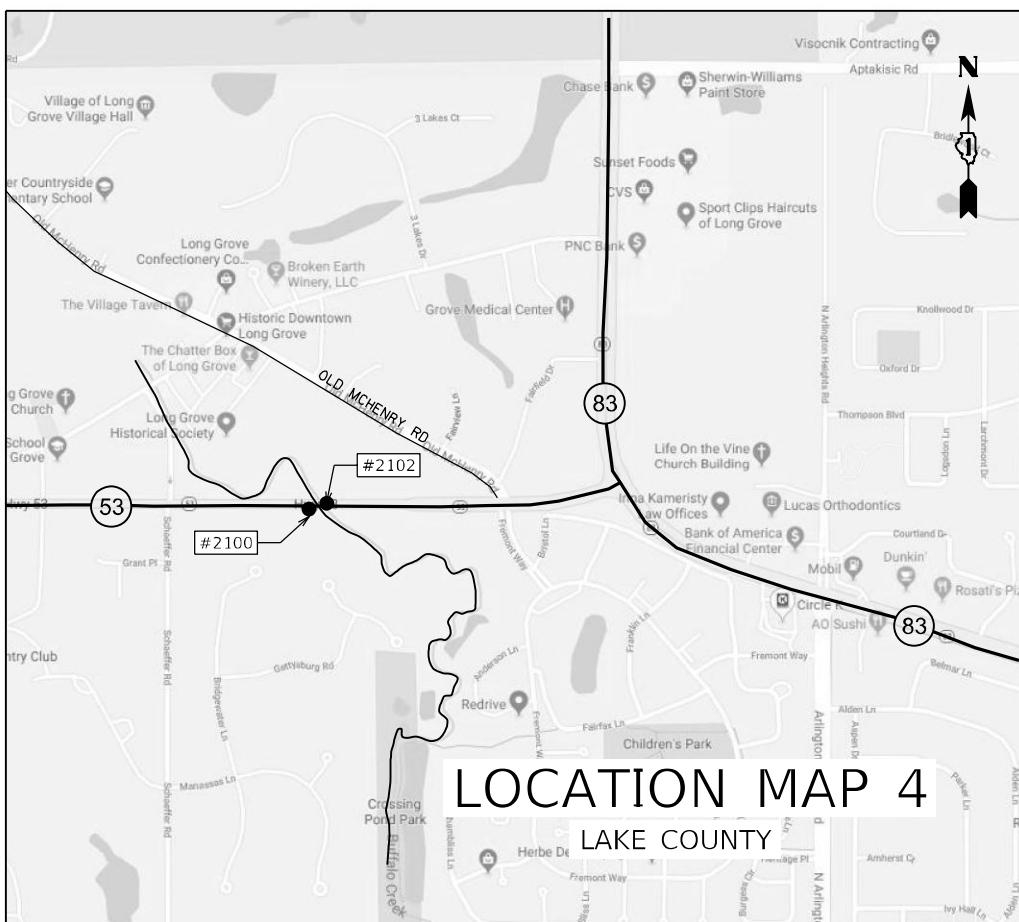
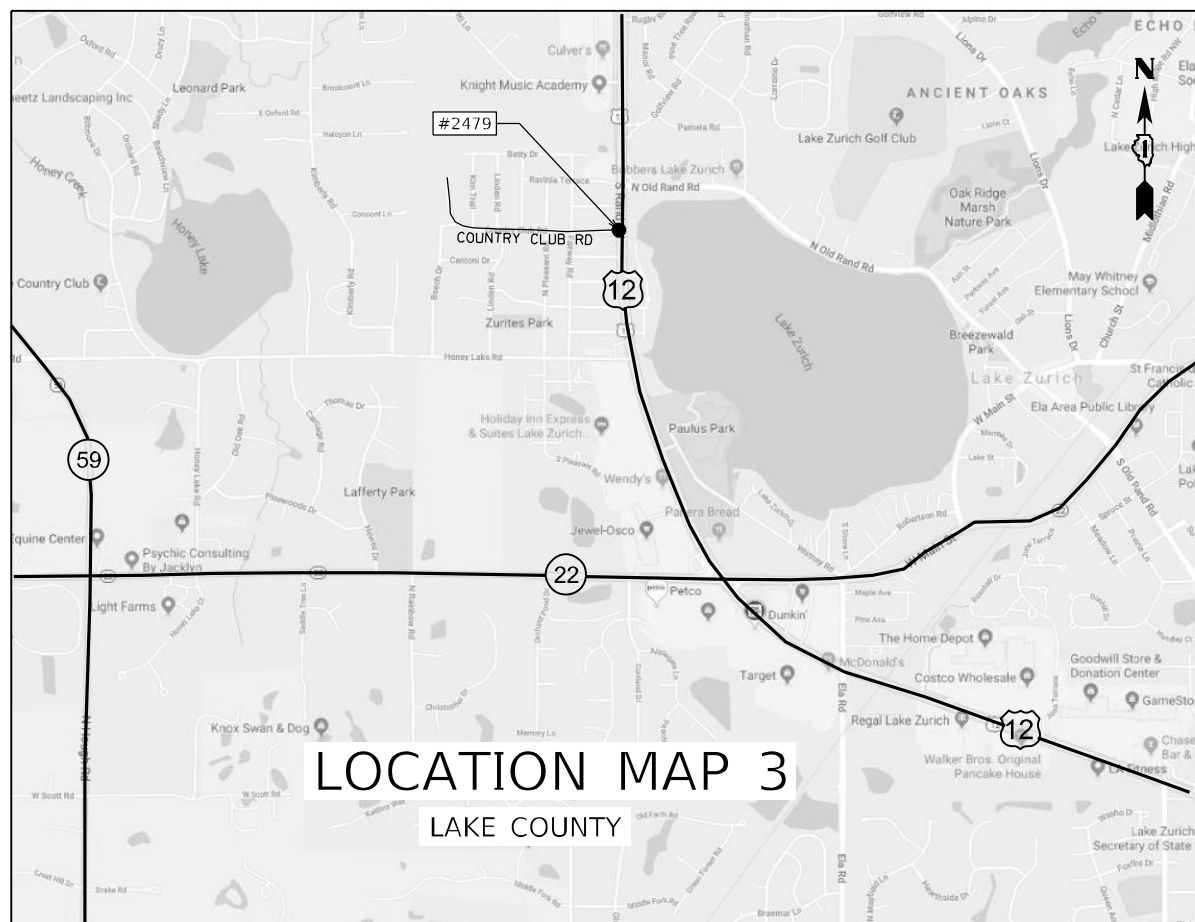
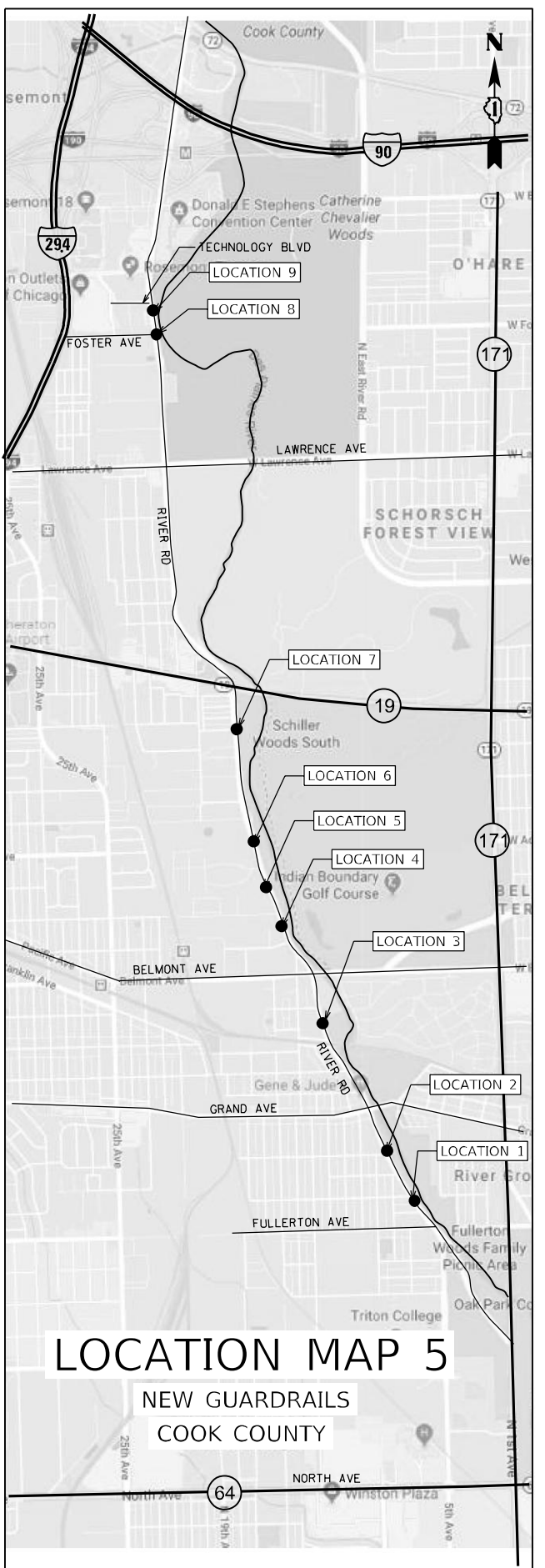
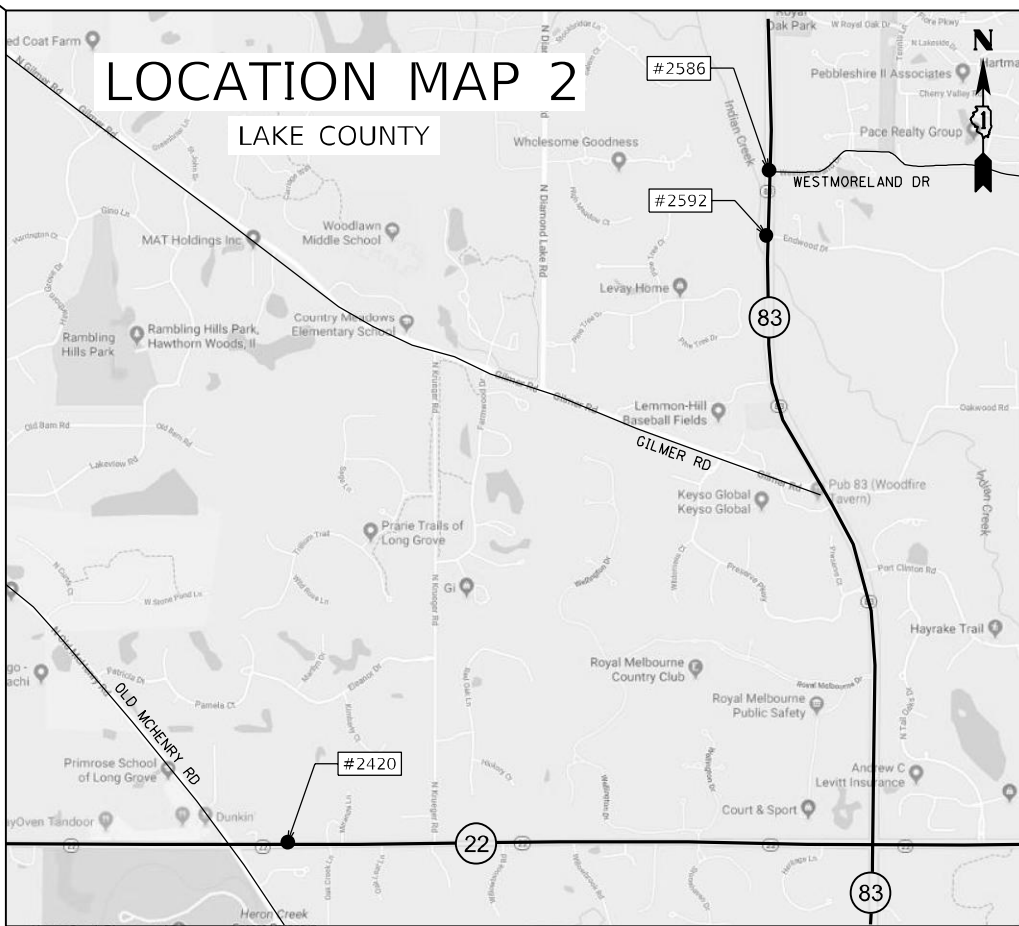
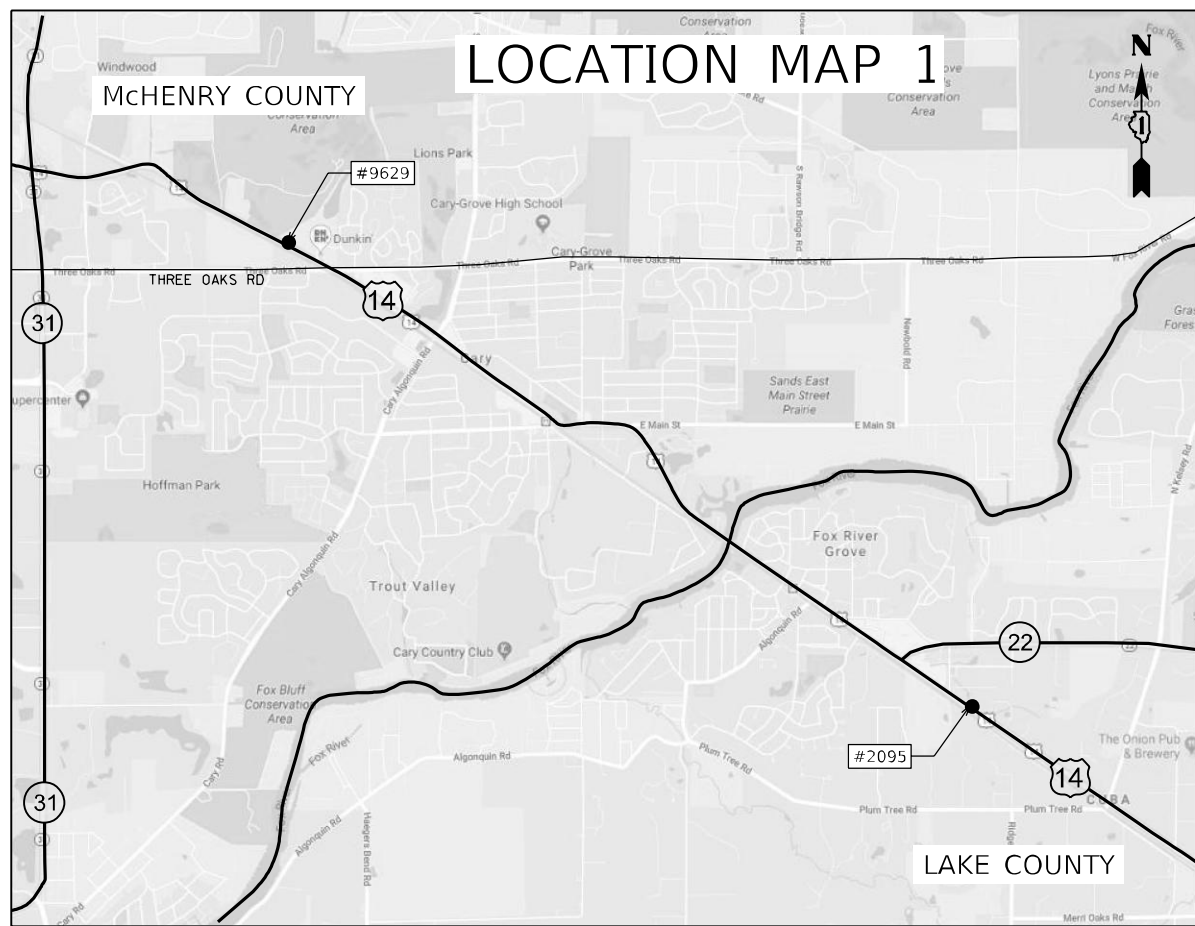


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PLOT DATE = 1/6/2020	CHECKED - TN	REVISED -
	DATE - 1/6/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL REPLACEMENT (NORTH AND CENTRAL SECTION)  
SCHEDULE OF QUANTITIES**

SCALE: N/A	SHEET NO. . OF . SHEETS	STA. . TO STA. .	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			VAR.	2009-005-1	VARIOUS	38	5
CONTRACT NO. 62H86						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	



USER NAME = mkochlcr	DESIGNED - TN	REVISED -
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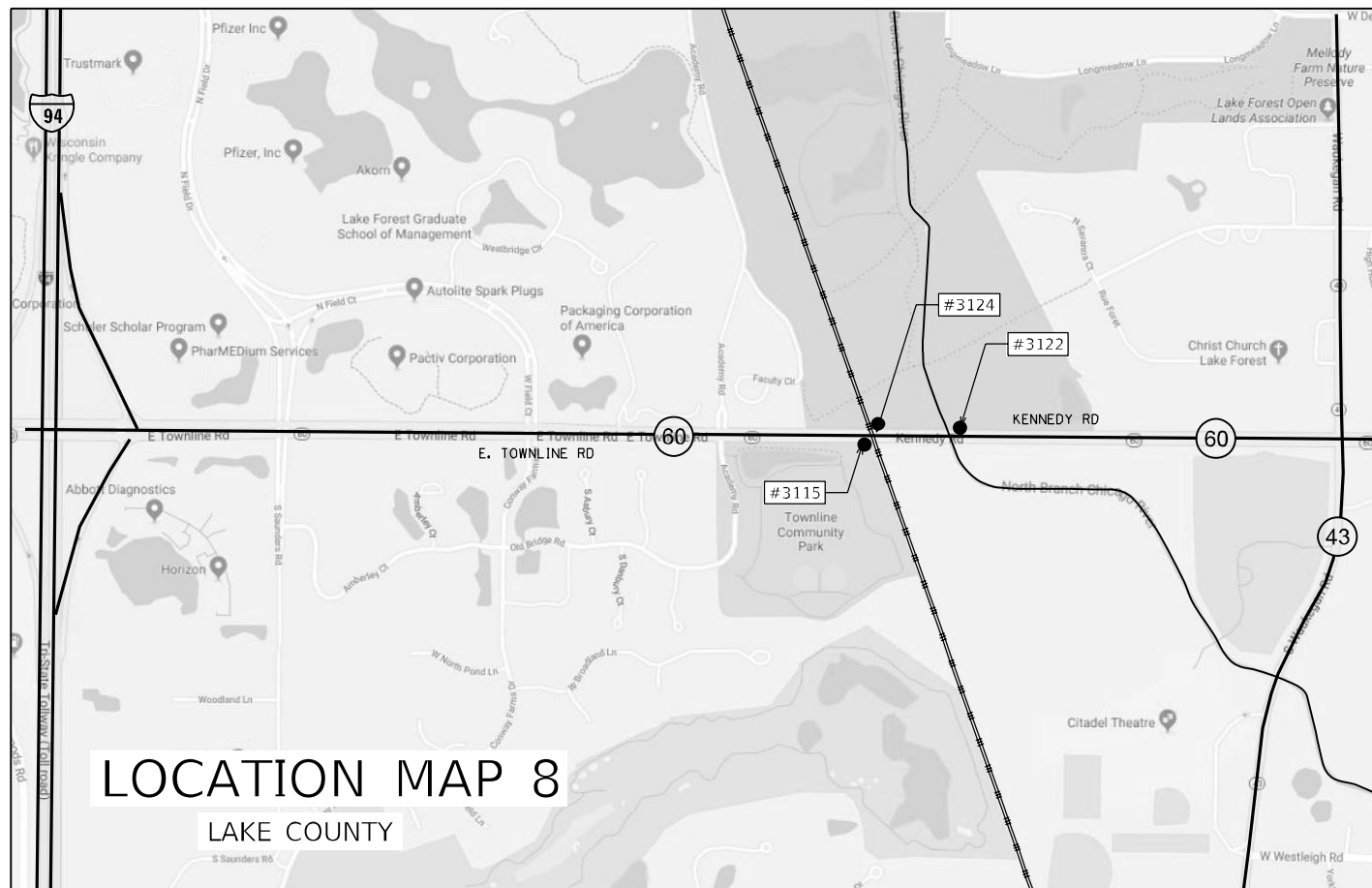
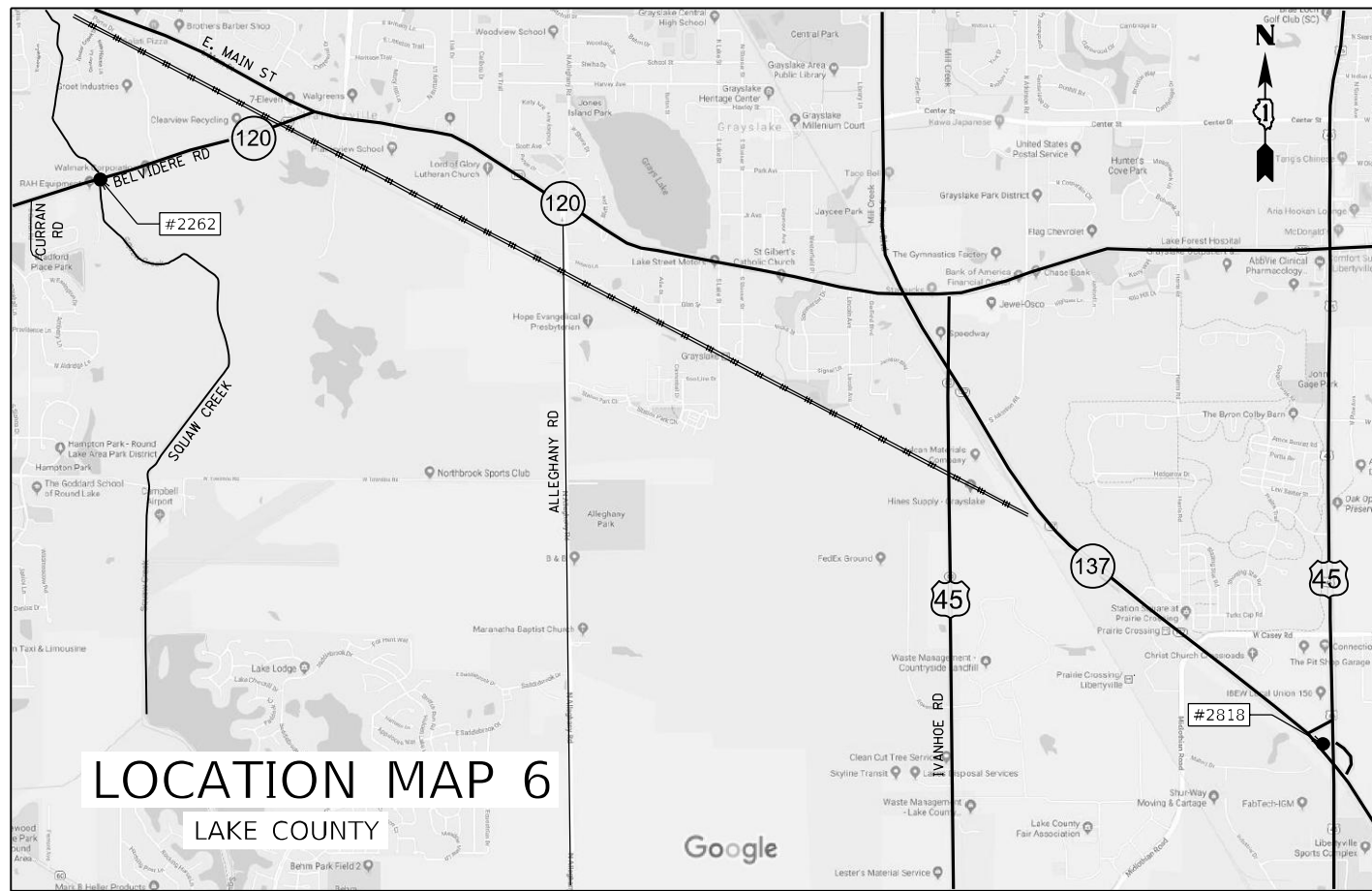
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GUARDRAIL REPLACEMENT  
LOCATION MAP (NORTH REGION)

SCALE: N/A SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2009-005-1	VARIOUS	38	6
CONTRACT NO. 62H86			FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT	

MAP-01



USER NAME = mkochlcr	DESIGNED - TN	REVISED -
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PLOT DATE = 12/6/2019	DATE - 12/6/2019	REVISED -

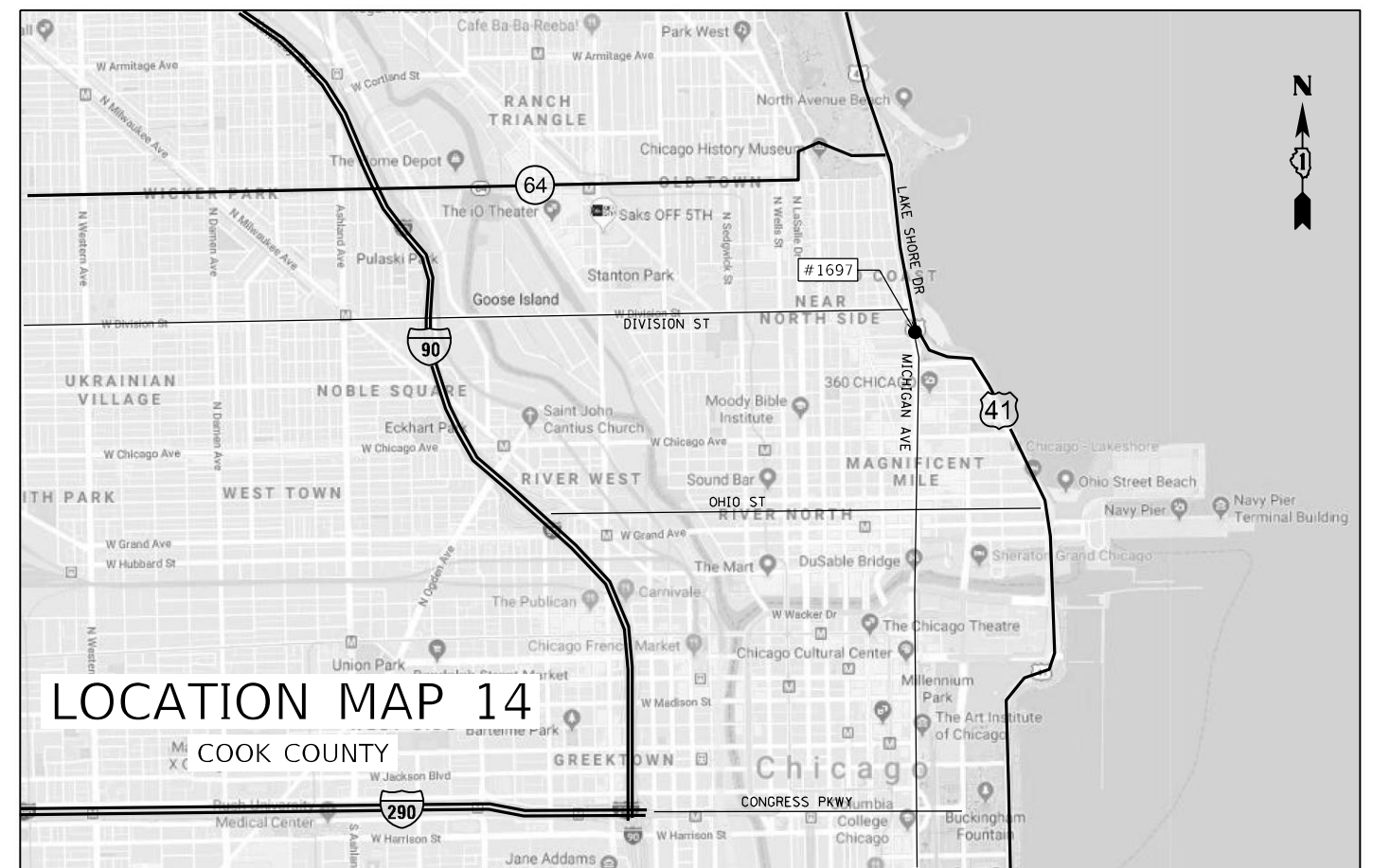
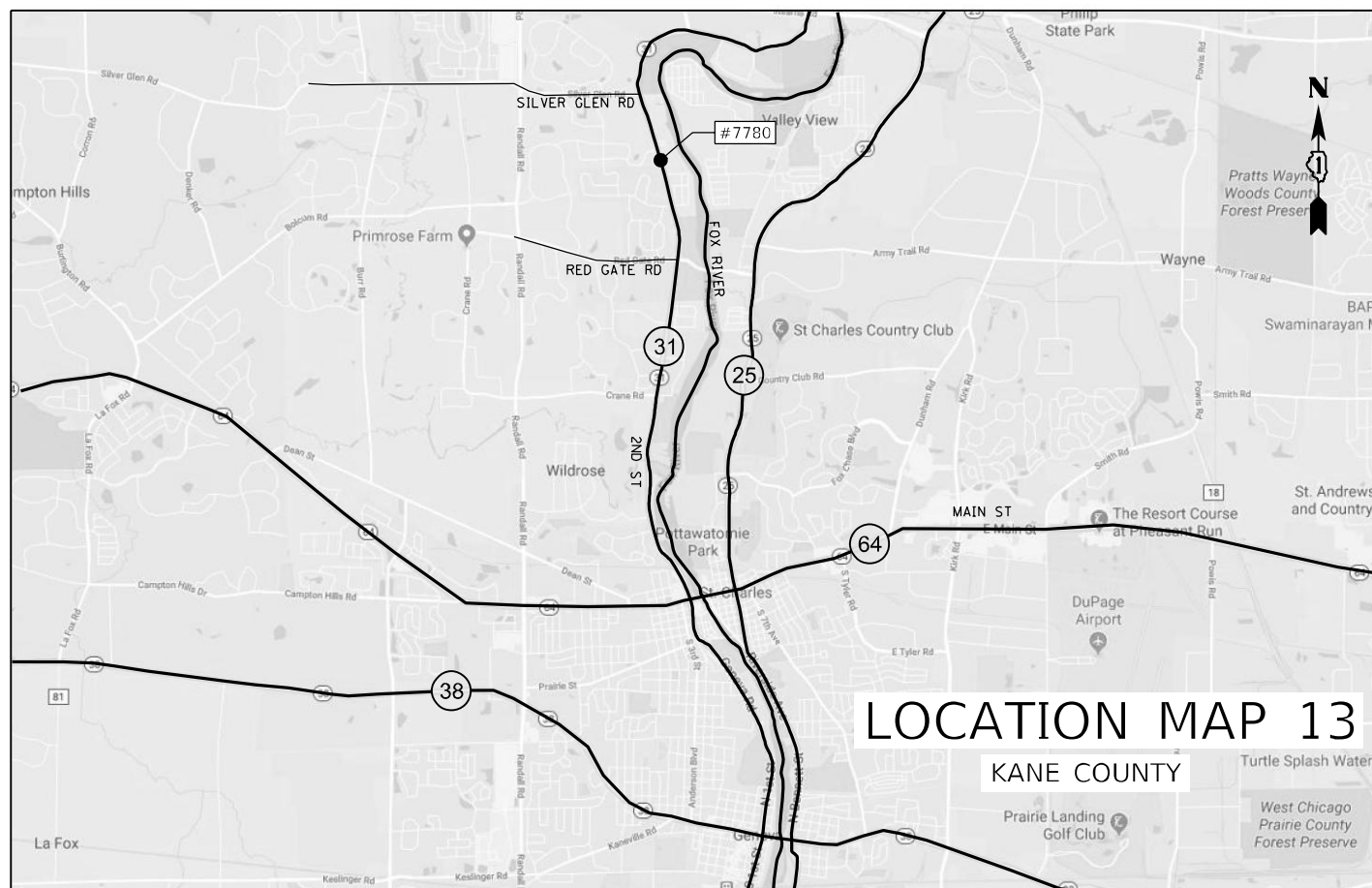
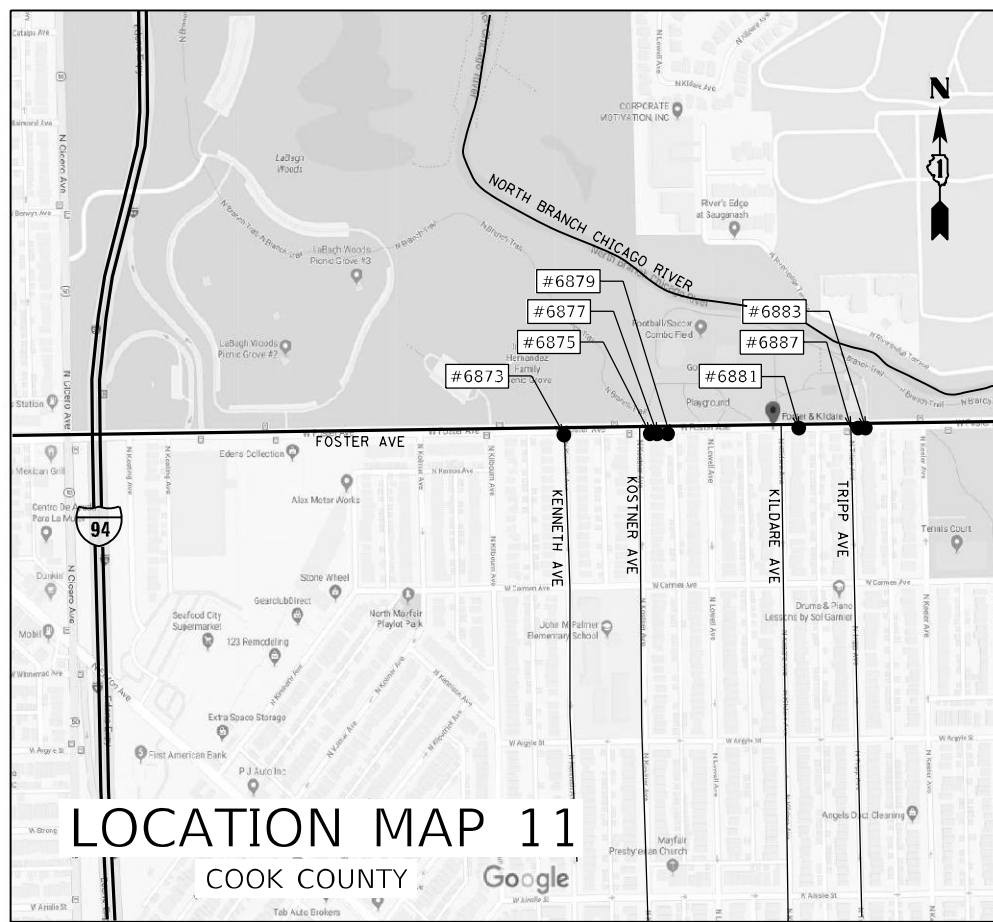
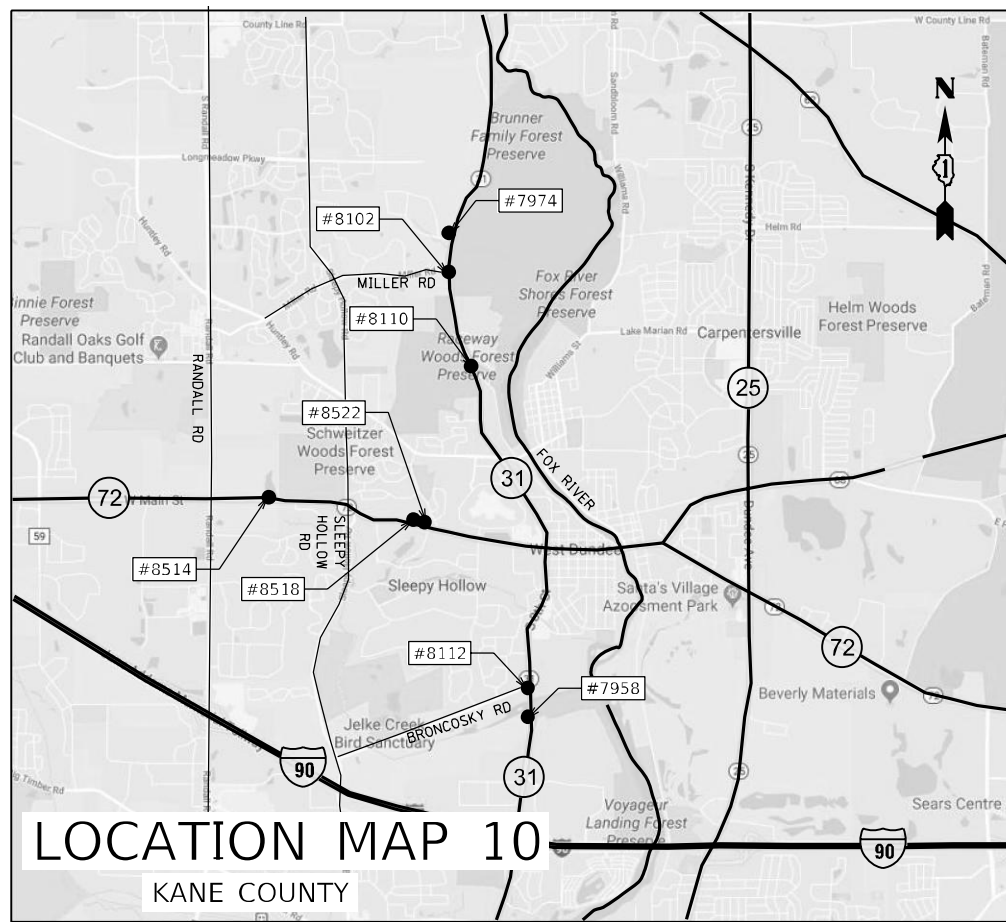
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GUARDRAIL REPLACEMENT  
LOCATION MAP (NORTH REGION)

SCALE: N/A SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2009-005-1	LAKE	38	7
CONTRACT NO. 62H86			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

MAP-02



USER NAME = mkochlcr	DESIGNED - TN	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

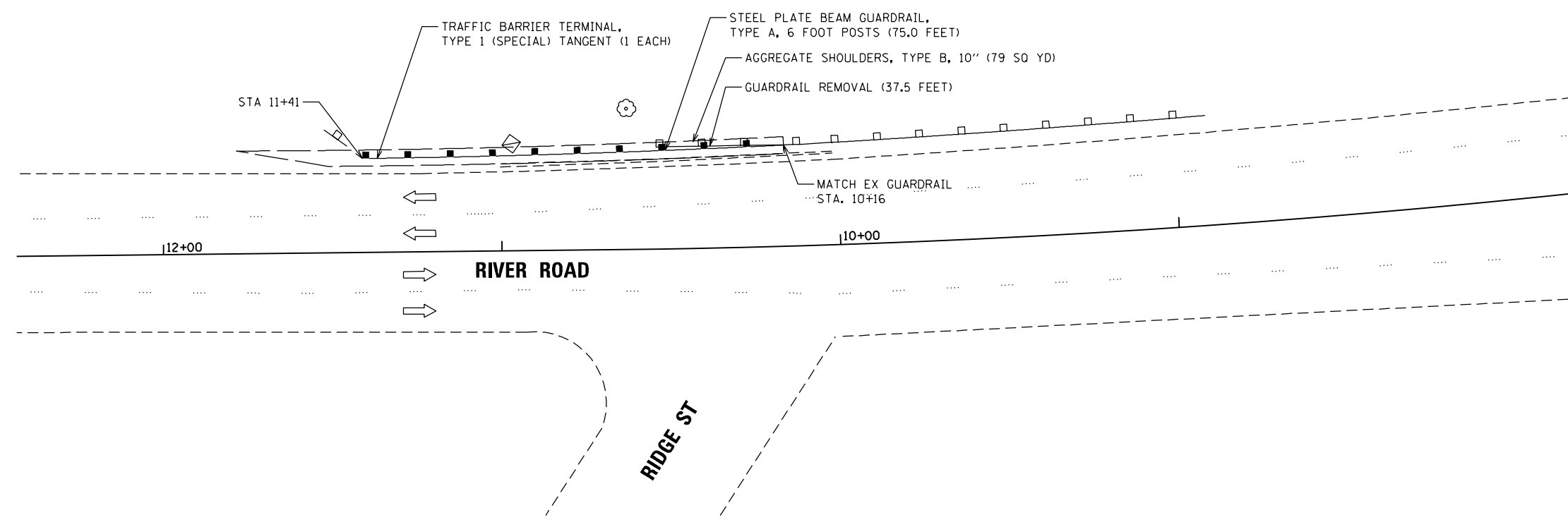
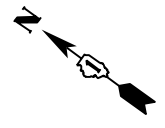
GUARDRAIL REPLACEMENT  
LOCATION MAP (CENTRAL REGION)

SCALE: N/A SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2009-005-1	VARIOUS	38	8
CONTRACT NO. 62H86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

MAP-03





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PLOT DATE = 12/6/2019	DATE - 12/6/2019	REVISED -

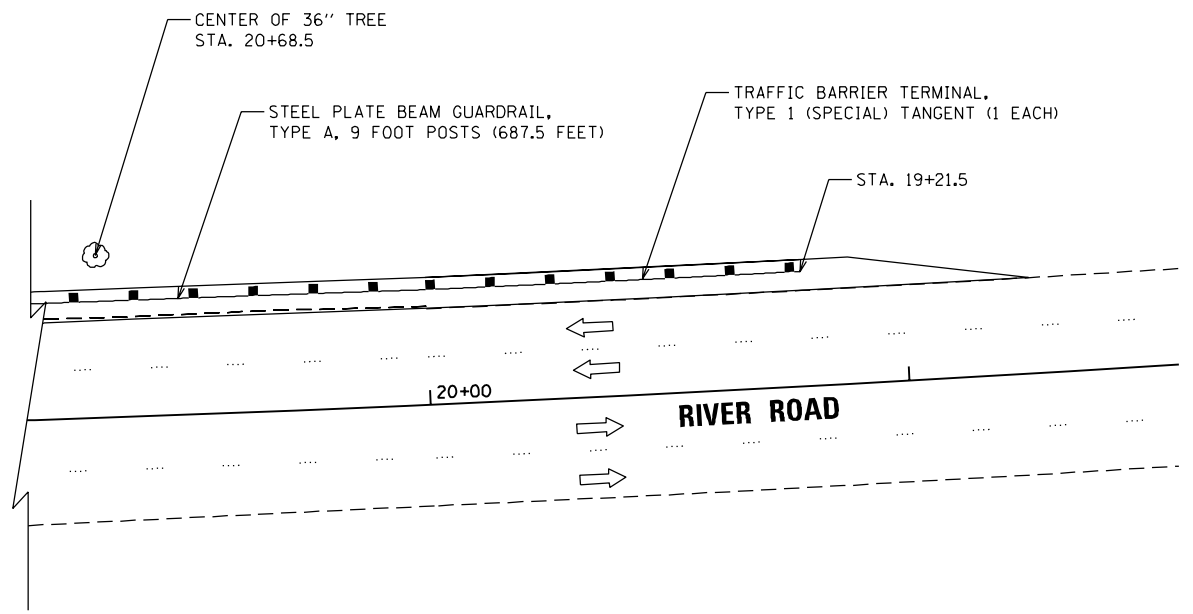
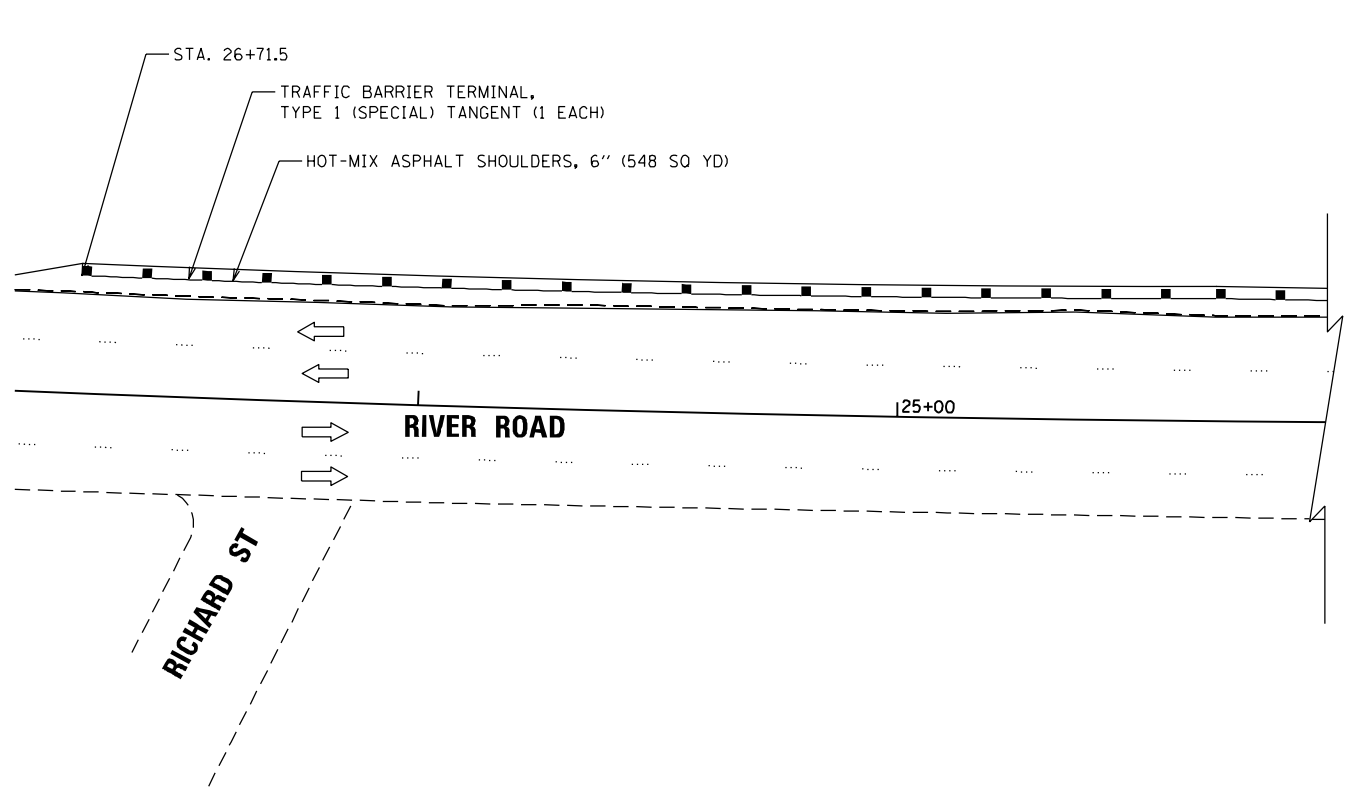
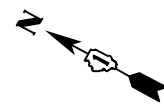
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RIVER ROAD  
GUARDRAIL PLAN (LOCATION 1)**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2009-005-1	COOK	38	9
CONTRACT NO. 62H86				
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				

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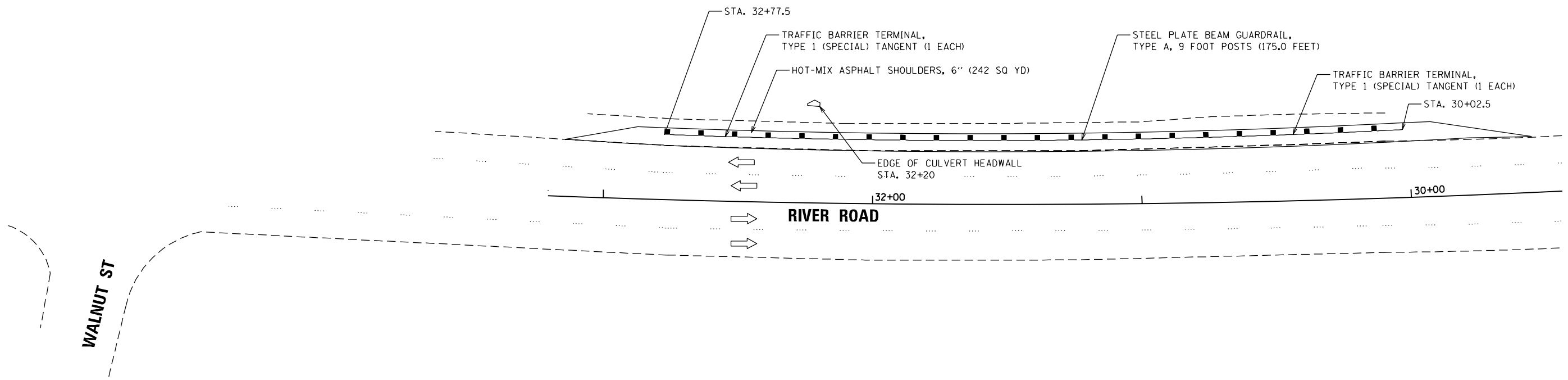
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PLOT DATE = 12/6/2019	DATE - 12/6/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>RIVER ROAD GUARDRAIL PLAN (LOCATION 2)</b>	
SCALE: 1"=20'	SHEET NO. 2 OF 8 SHEETS
STA. .	TO STA. .

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2009-005-1	VARIOUS	38	10
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT			CONTRACT NO. 62H86	

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	DRAWN - JP	REVISED -
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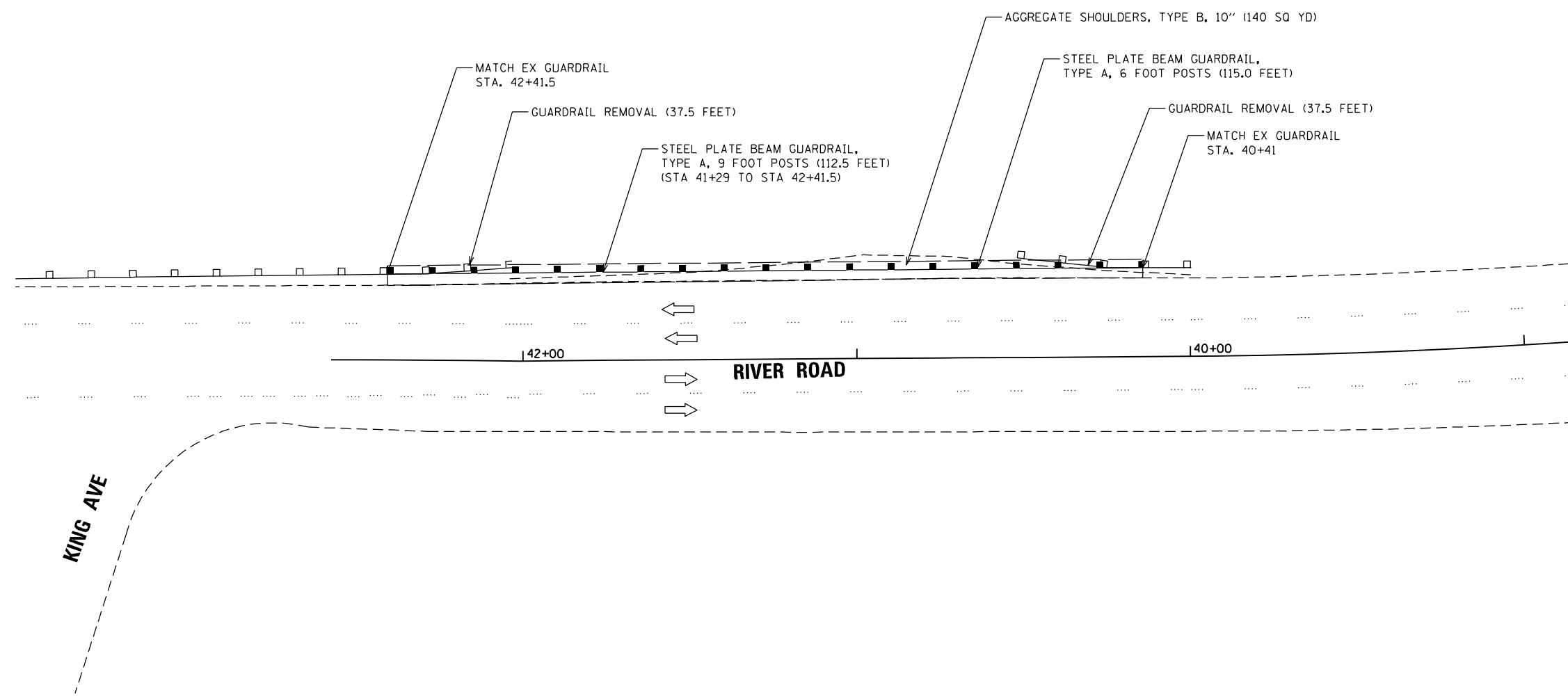
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RIVER ROAD  
GUARDRAIL PLAN (LOCATION 3)**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2009-005-1	COOK	38	H
CONTRACT NO. 62H86				
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				

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	DRAWN - JP	REVISED -
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PLOT DATE = 12/6/2019	DATE - 12/6/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>RIVER ROAD GUARDRAIL PLAN (LOCATION 4)</b>	
SCALE: 1"=20'	SHEET NO. 4 OF 8 SHEETS
STA. .	TO STA. .

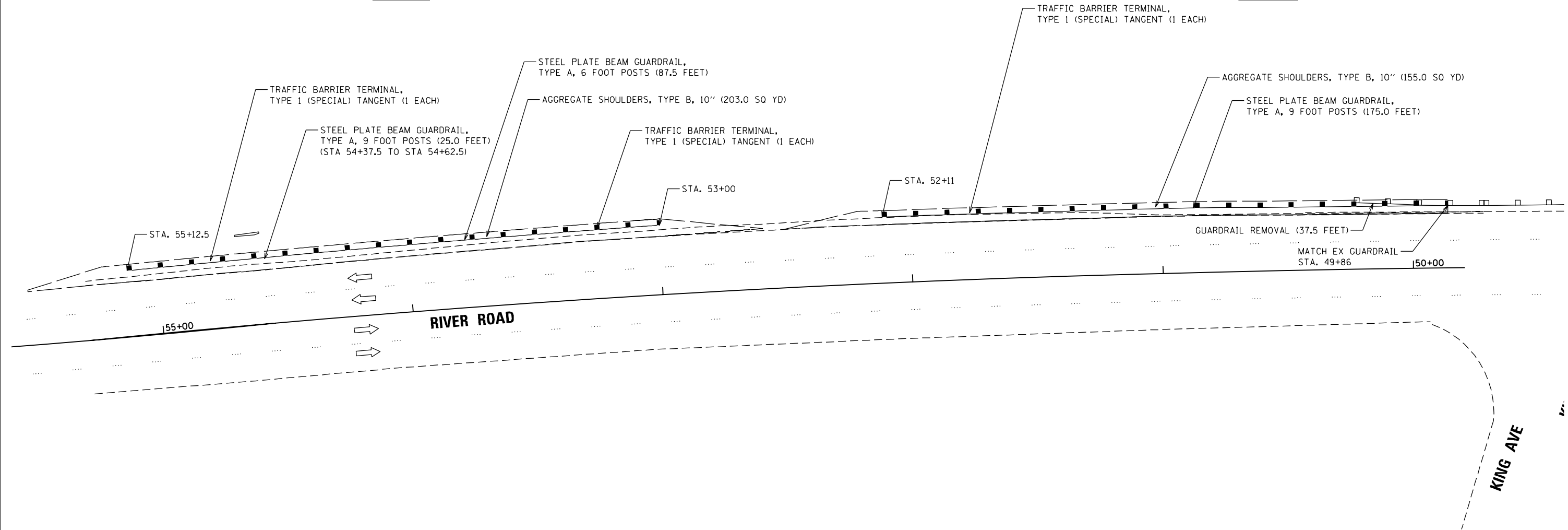
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2009-005-1	COOK	38	12
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT			CONTRACT NO. 62H86	

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**LOC. 5B**

**LOC. 5A**



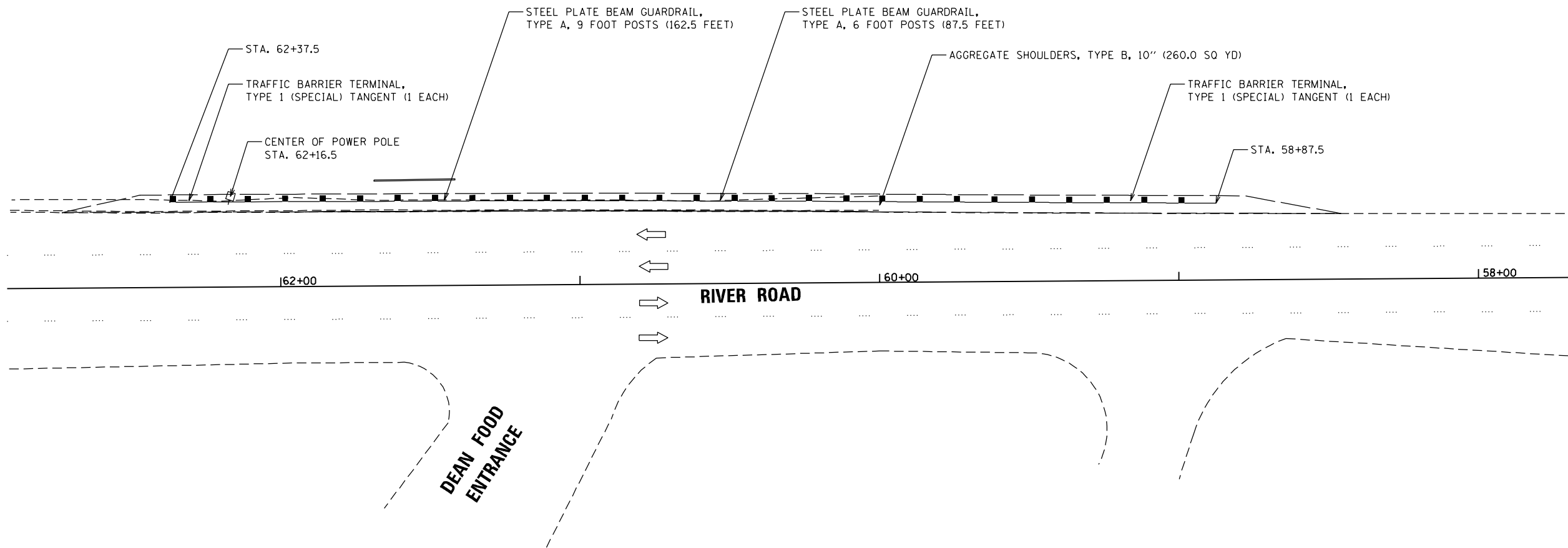
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PLOT DATE = 12/6/2019	DATE - 12/6/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RIVER ROAD  
GUARDRAIL PLAN (LOCATION 5)**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2009-005-1	COOK	38	13
CONTRACT NO. 62H86				
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				

SCALE: 1"=20' SHEET NO. 5 OF 8 SHEETS STA. TO STA. P:\2019\ME19003\_VerVar\_PHI\W010\_62H85\_62H86 Guardrail Replacements\01-CADD\02-Shts\62H85\0162H86-sht-Plan-Loc5.dgn



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	DRAWN - JP	REVISED -
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PLOT DATE = 12/6/2019	DATE - 12/6/2019	REVISED -

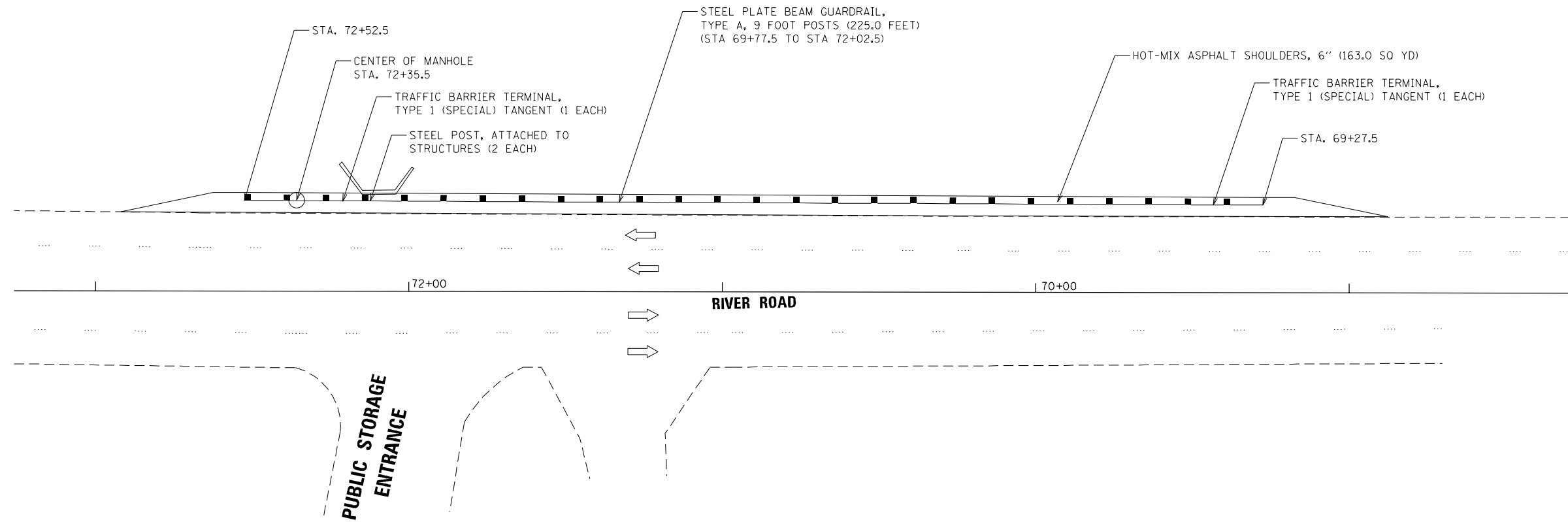
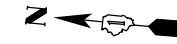
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RIVER ROAD  
GUARDRAIL PLAN (LOCATION 6)**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2009-005-1	COOK	38	14
CONTRACT NO. 62H86				
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				

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	DRAWN - JP	REVISED -
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PLOT DATE = 12/9/2019	DATE - 12/9/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RIVER ROAD  
GUARDRAIL PLAN (LOCATION 7)**

SCALE: 1"=20'	SHEET NO. 7 OF 8 SHEETS	STA. . . . . TO STA. . . . .
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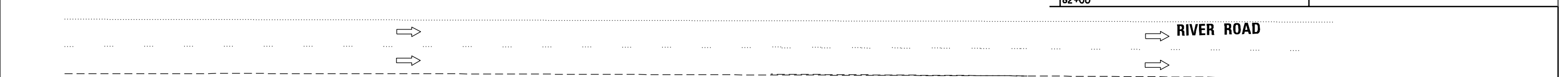
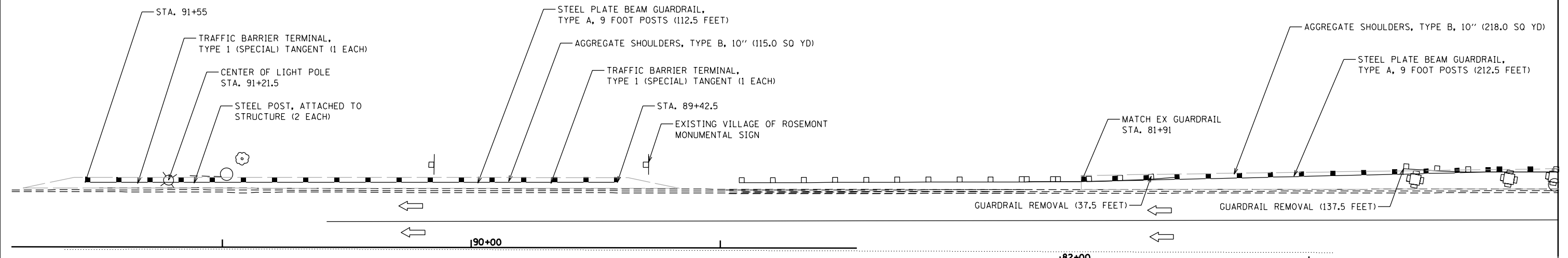
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VAR.	2009-005-1	COOK	38	15
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62H86	

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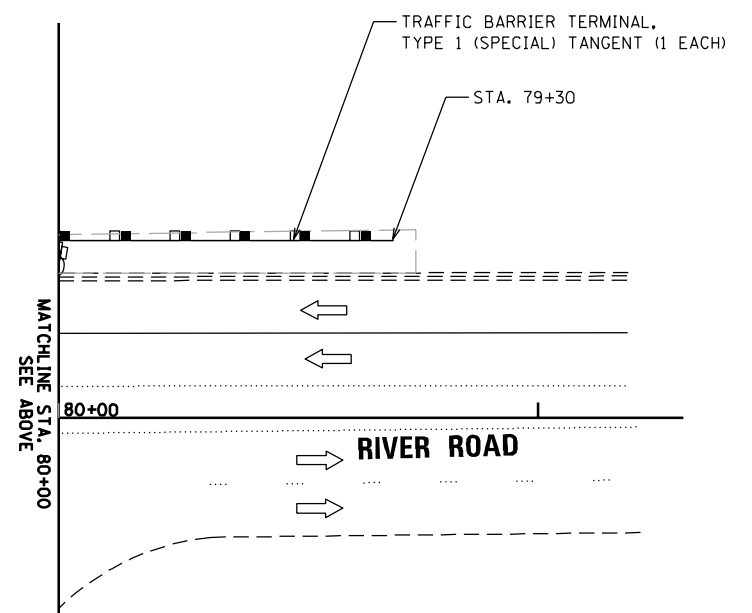


**LOC. 9**

**LOC. 8**



**LOC. 8**



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

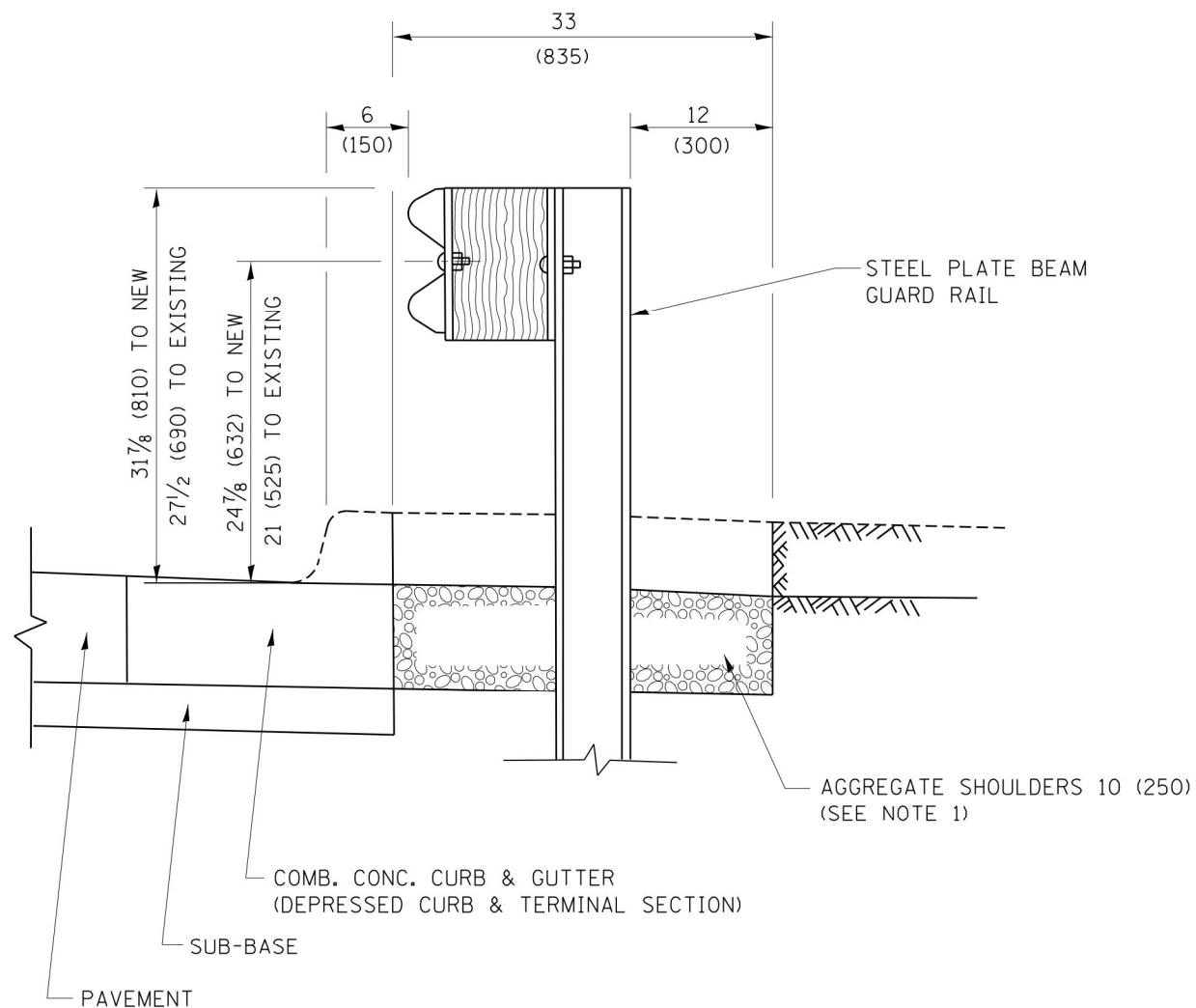
**RIVER ROAD  
GUARDRAIL PLAN (LOCATION 8 AND 9)**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2009-005-1	COOK	38	16
CONTRACT NO. 62H86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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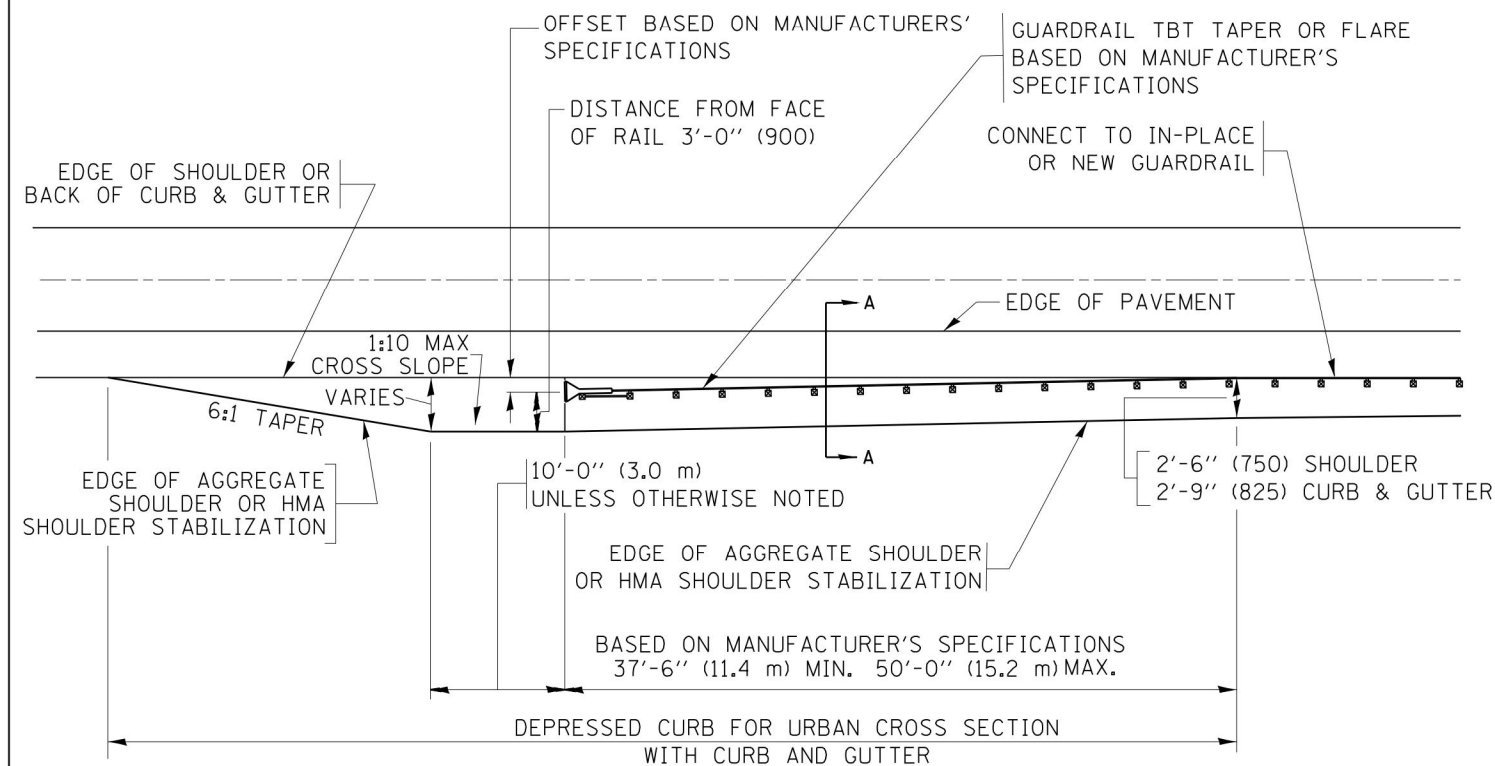




SECTION A-A

- NOTES:
1. THE AGGREGATE SHOULDER, 10 (250) OR HMA SHOULDER, 6 (150) (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.**

AGGREGATE SHOULDER, 10 (250) WILL BE PAID ACCORDING TO SECTION 481.

HMA SHOULDERS 6 (150) (IF REQUIRED) WILL BE PAID ACCORDING TO SECTION 482.

COMB. CONC. C&G, 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.

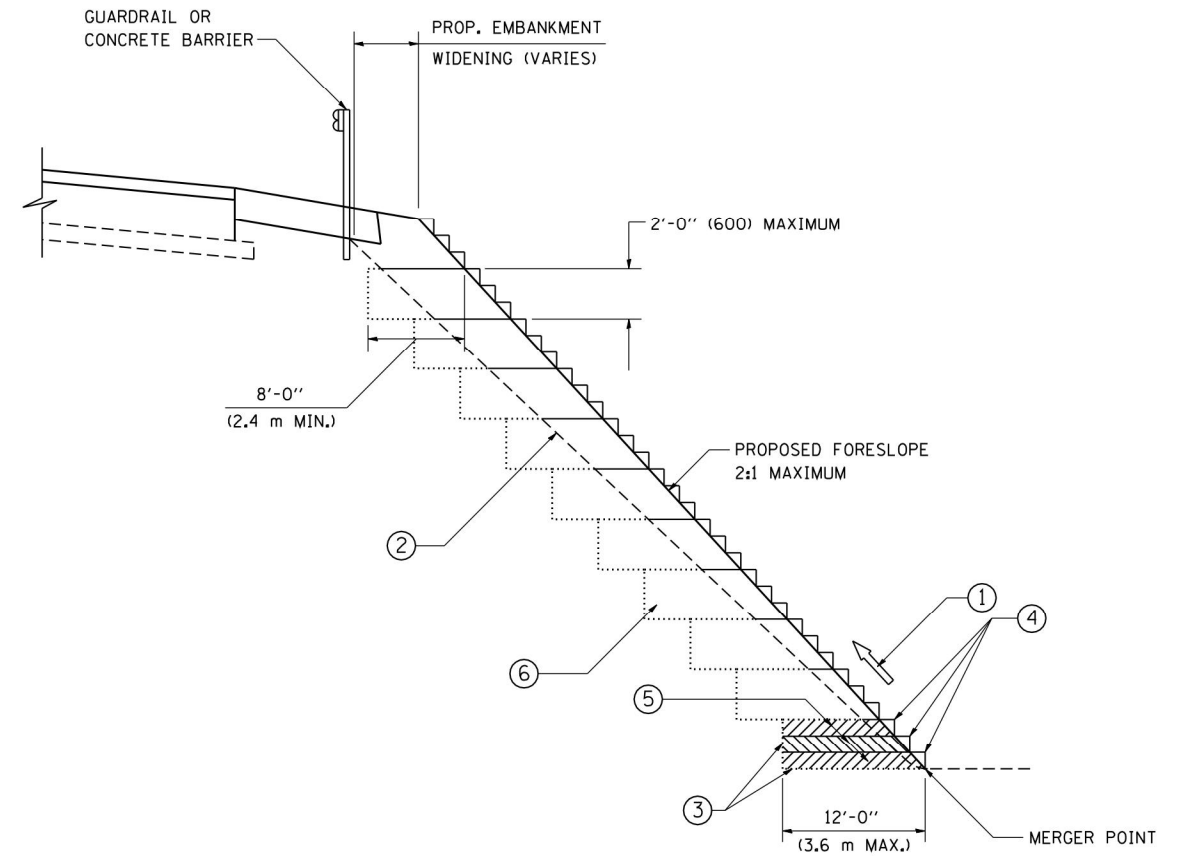
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2009-005-1	VARIOUS	38	17
<b>BD600-10 (BD 34)</b>		<b>CONTRACT NO. 62H86</b>		
ILLINOIS FED. AID PROJECT				



TYPICAL BENCHING DETAIL  
FOR EMBANKMENT

**NOTES:**

- ① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- ② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
- ③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
- ⑥ EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑦ SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

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

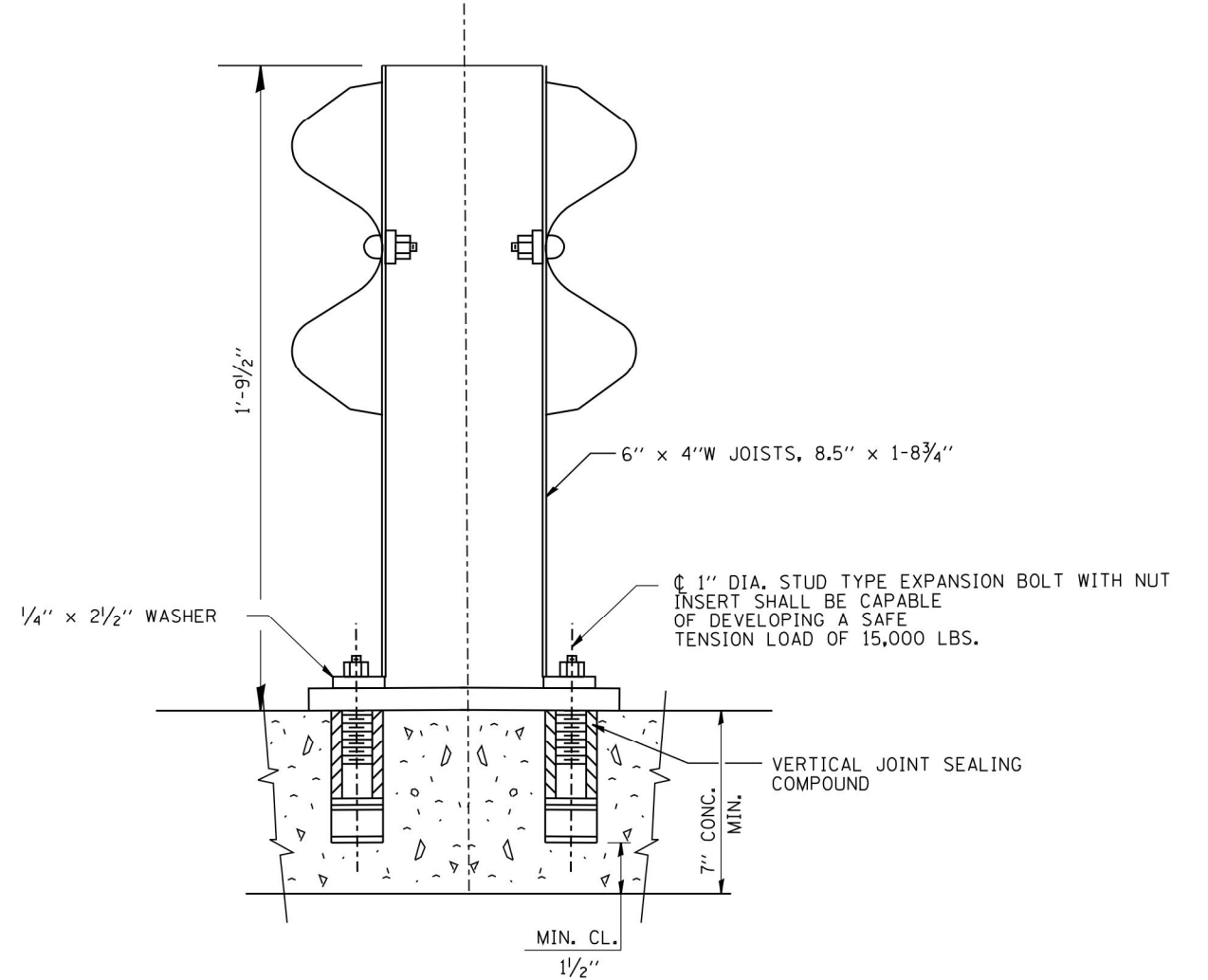
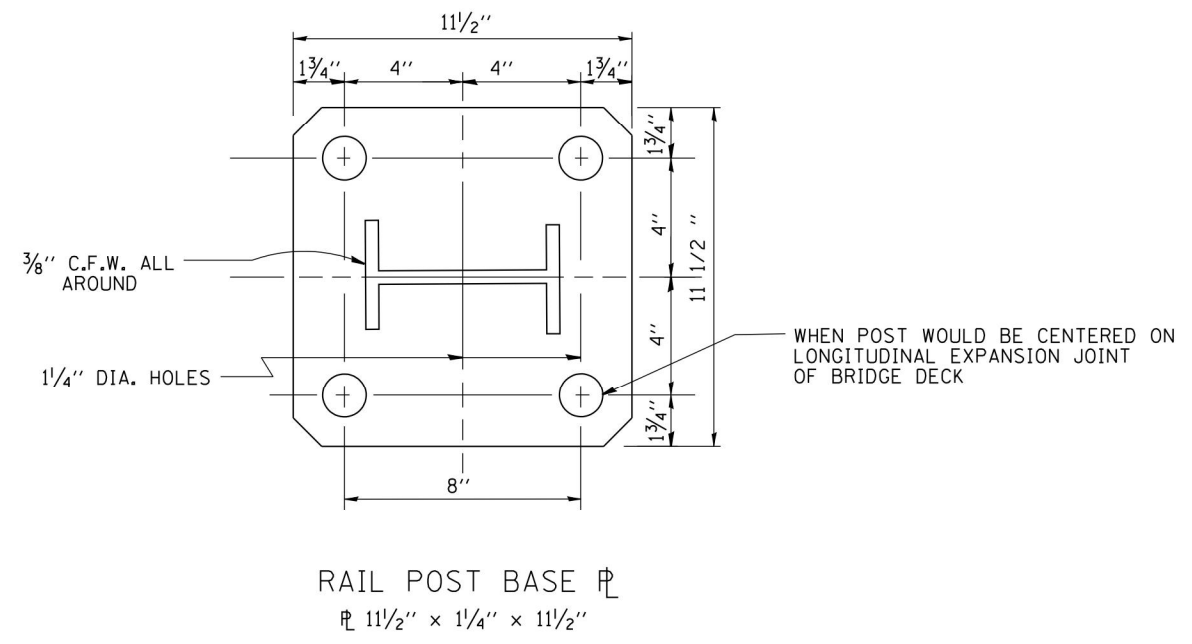
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

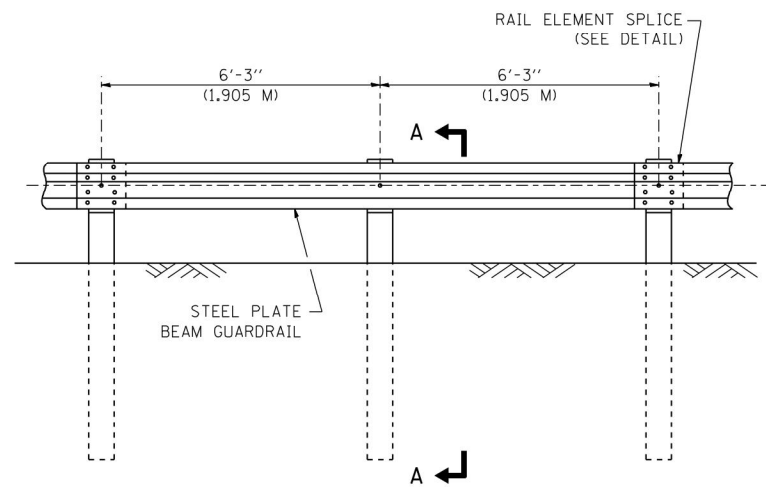
<b>BENCHING DETAIL FOR EMBANKMENT WIDENING</b>			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2009-005-1	VARIOUS	38	18
<b>BD-51</b>		<b>CONTRACT NO. 62H86</b>		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:  
 FOR DETAILS OF RAIL ELEMENTS, RAIL SPLICING, NUT, BOLT AND SIDE VIEW OF RAIL, SEE STANDARD 2230-2.  
 ALL WELDS SHALL BE GROUND SMOOTH  
 POSTS SHALL BE CUT AND WELDED TO THE BASE PLATE SO THAT THE POST WILL BE PLUMB WHEN ERECTED.  
 TWO PERCENT (2%) OF ALL ANCHOR BOLTS SHALL BE TEST LOADED IN PLACE, MINIMUM TEST LOAD=8 KIPS. IF ONE ANCHOR BOLT FAILS DURING THE TEST, TWO OTHER ANCHOR BOLTS SHALL BE TESTED. TESTING EQUIPMENT SHALL BE BOLT COMPANIES.  
 PROVIDE 1/8" AND 2/16" GALVANIZED SHIMS FOR 25% OF THE POSTS.



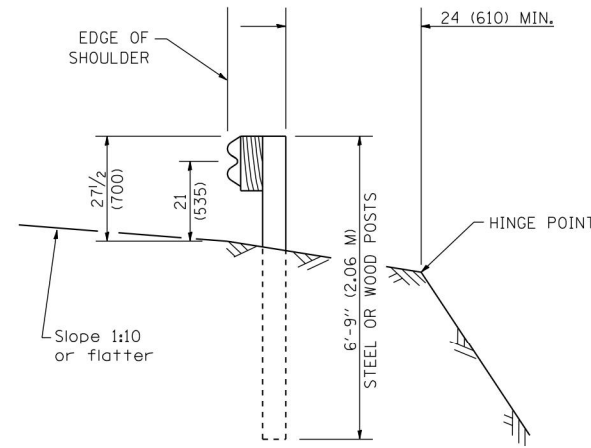
FILE NAME = W:\diststd\22x34\bm02.dgn	USER NAME = geglanoht	DESIGNED - DRAWN - RFL	REVISED - R. RITCHIE 05-02-00	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ANCHOR DETAIL FOR STEEL PLATE BEAM GUARDRAIL ON CONCRETE</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	VAR.	2009-005-1	VARIOUS	38	19
	PLOT DATE = 1/4/2008	DATE - 10-31-88	REVISED -					<b>BM-02</b>		CONTRACT NO. <b>62H86</b>			
								FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT					



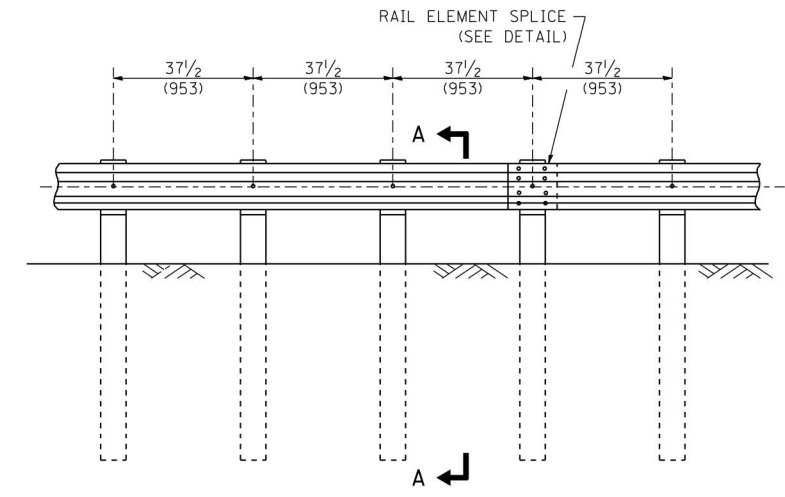
ELEVATION

**TYPE A**

6'-3" (1.905 M) TYPICAL POST SPACING



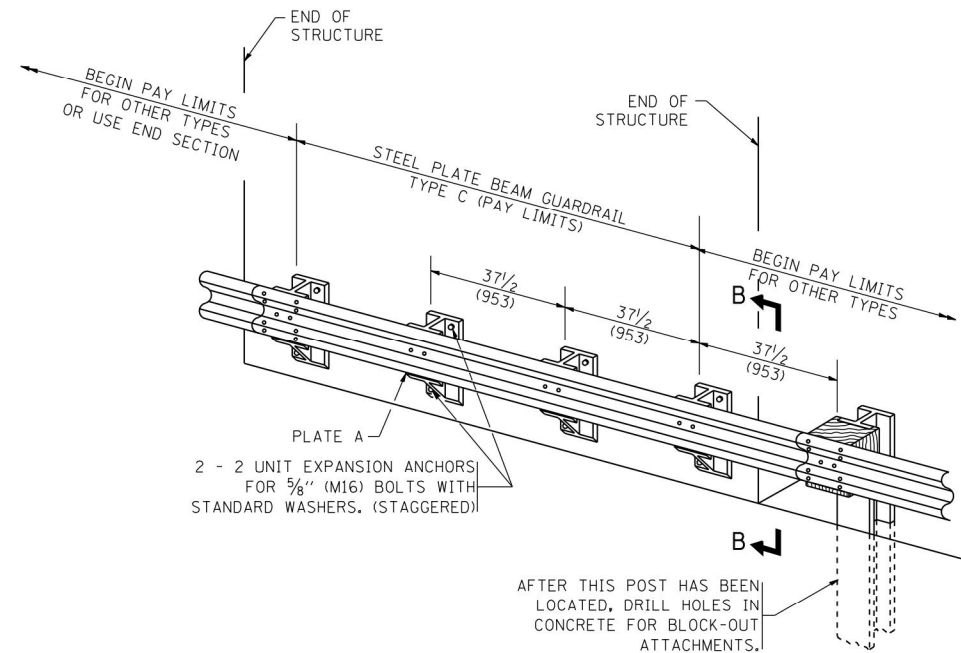
SECTION A-A



ELEVATION

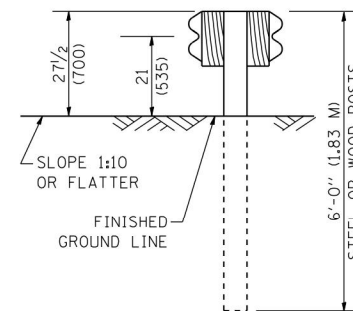
**TYPE A**

37 1/2 (953) CLOSED POST SPACING

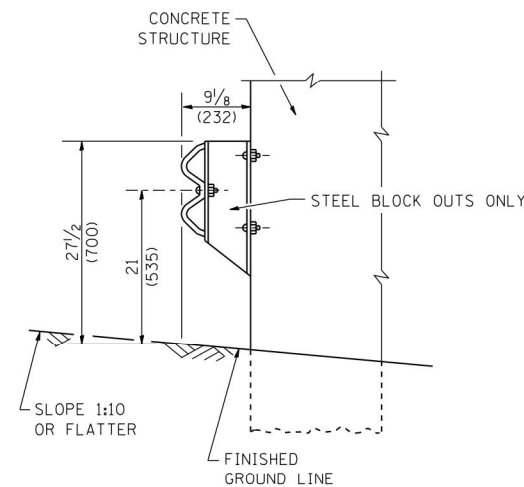


**TYPE C**

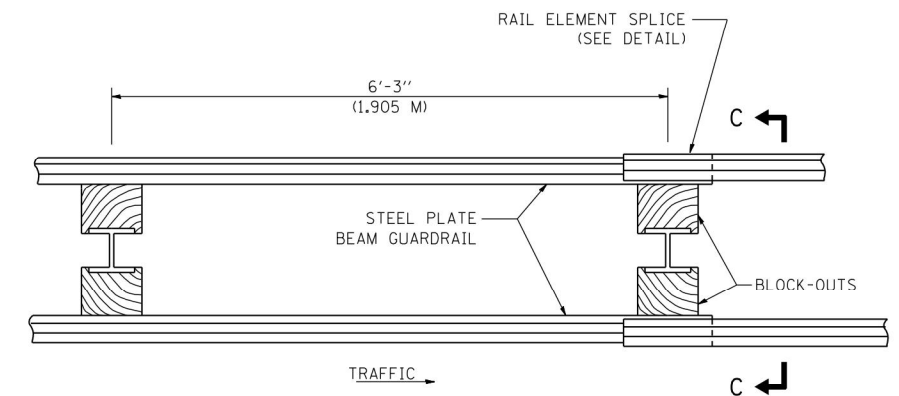
37 1/2 (953) BLOCK-OUT SPACING



SECTION C-C



SECTION B-B



TRAFFIC →

PLAN

**TYPE D**

DOUBLE STEEL PLATE BEAM GUARDRAIL  
6'-3" (1.905 M) TYPICAL POST SPACING

**GENERAL NOTES**

ALL SLOPE RATIOS ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H).

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

THE EXISTING STEEL POSTS MAY BE DRILLED TO MATCH THE BOLT PATTERN SHOWN HEREIN FOR THE WOOD BLOCK-OUT, OR A NEW STEEL POST SHALL BE PROVIDED.

THIS DETAIL IS APPLICABLE TO THE GUARDRAIL SYSTEM USED PRIOR TO JANUARY 1, 2007. FOR DETAILS ON THE MIDWEST GUARDRAIL SYSTEM, SEE STANDARD 630001.

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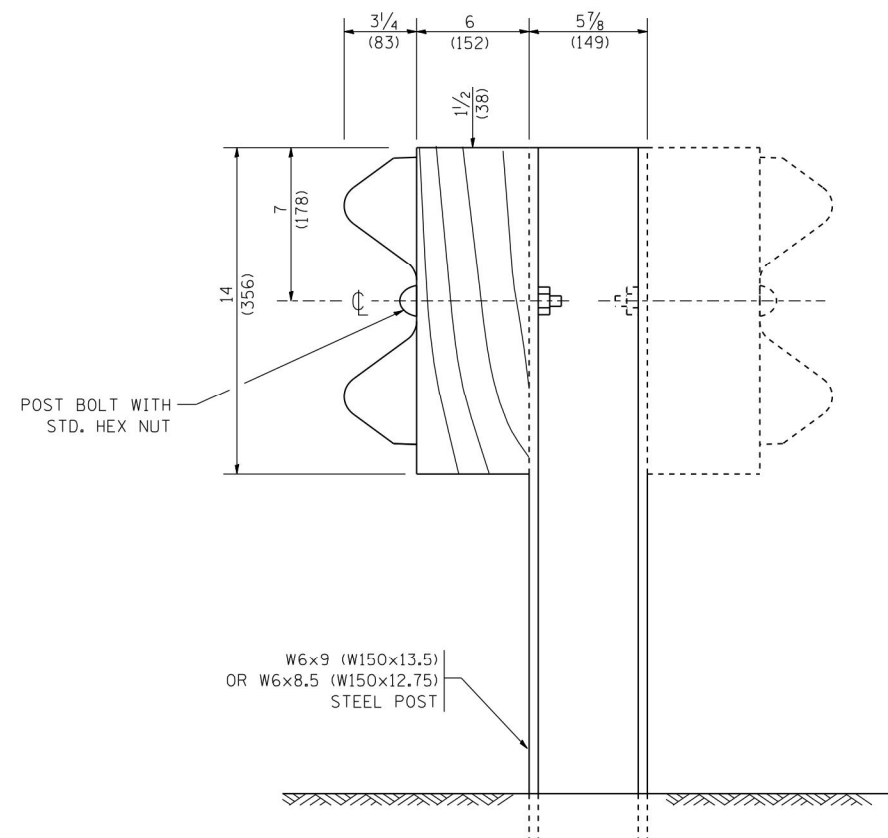
USER NAME = gaglionobt  
PLOT SCALE = 50.0000' / IN.  
PLOT DATE = 1/4/2008

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -  
REVISED - 10-31-06  
REVISED -  
REVISED -  
REVISED -

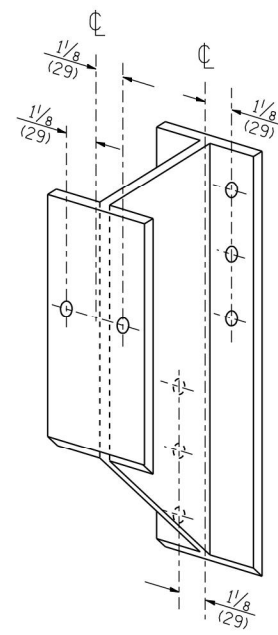
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVE AND REERECT  
STEEL PLATE BEAM GUARDRAIL**  
SCALE: NONE SHEET NO. 1 OF 4 SHEETS STA. TO STA.

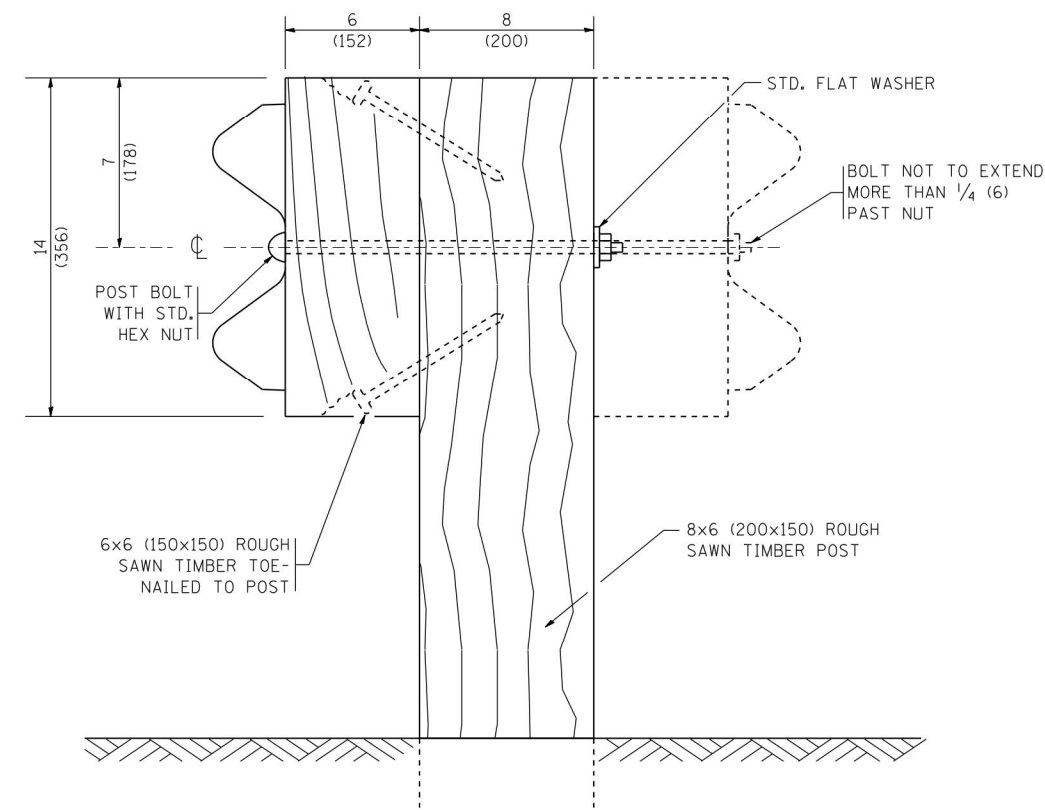
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2009-005-1	VARIOUS	38	20
<b>BM-21</b>			<b>CONTRACT NO. 62H86</b>	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



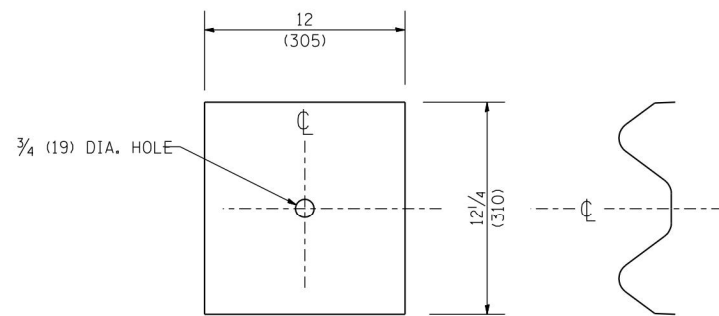
STEEL POST CONSTRUCTION



STEEL BLOCK-OUT DETAIL



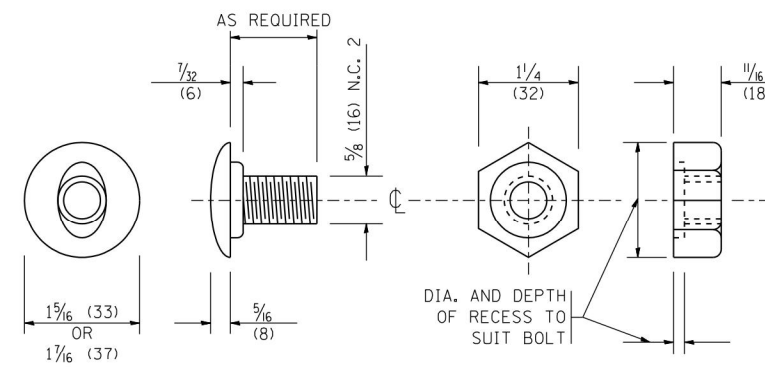
WOOD POST CONSTRUCTION



NOTE:

PLATE A SHALL BE PLACED BETWEEN RAIL ELEMENT AND BLOCK-OUT AT NON-SPLICE MOUNTING POINTS ONLY WHEN STEEL BLOCK-OUTS ARE USED.

PLATE A



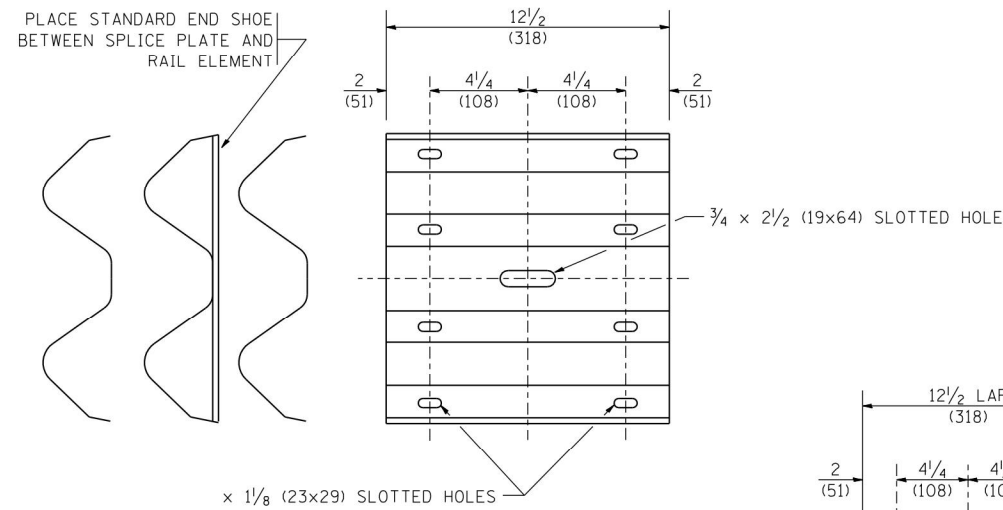
POST OR SPLICE BOLT & NUT

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		DRAWN -	REVISED -
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	PLOT DATE = 1/4/2008	DATE -	REVISED -

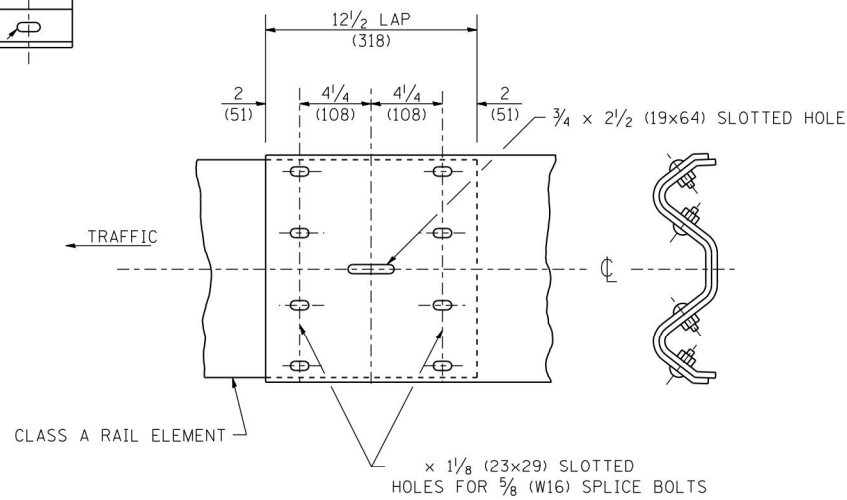
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL			
SCALE: NONE	SHEET NO. 2 OF 4 SHEETS	STA.	TO STA.

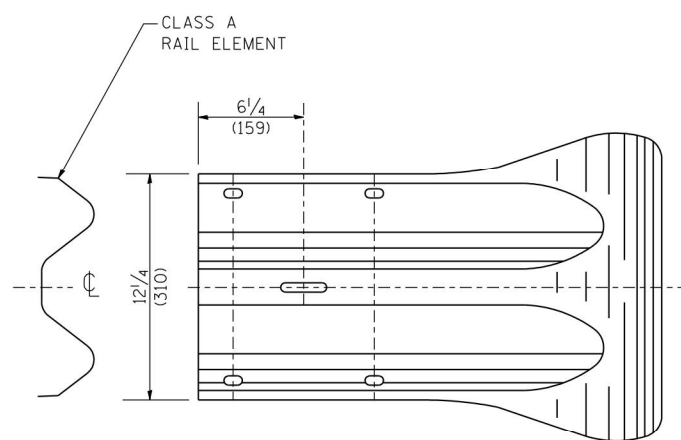
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2009-005-1	VARIOUS	38	21
BM-21		CONTRACT NO. 62H86		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



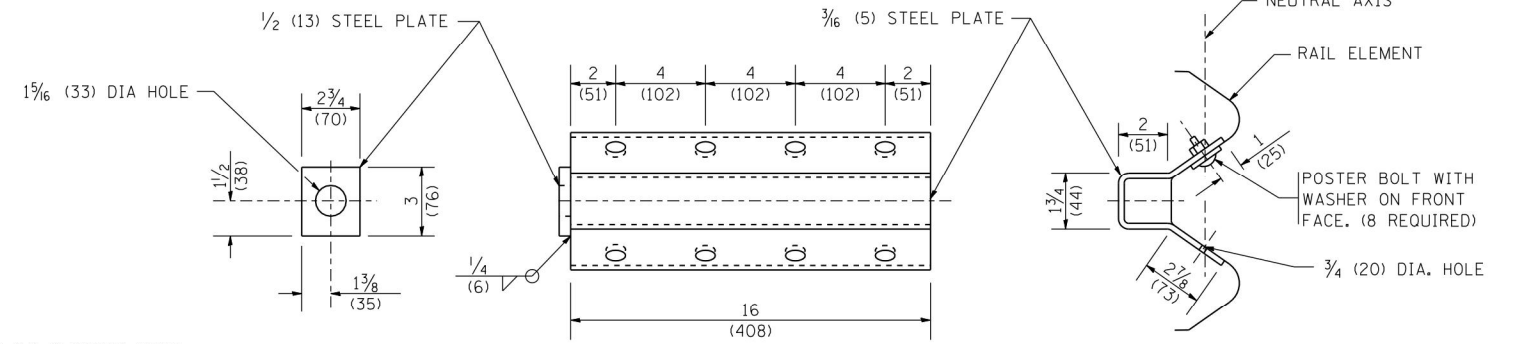
**SPLICE PLATE**



**RAIL ELEMENT SPLICE**



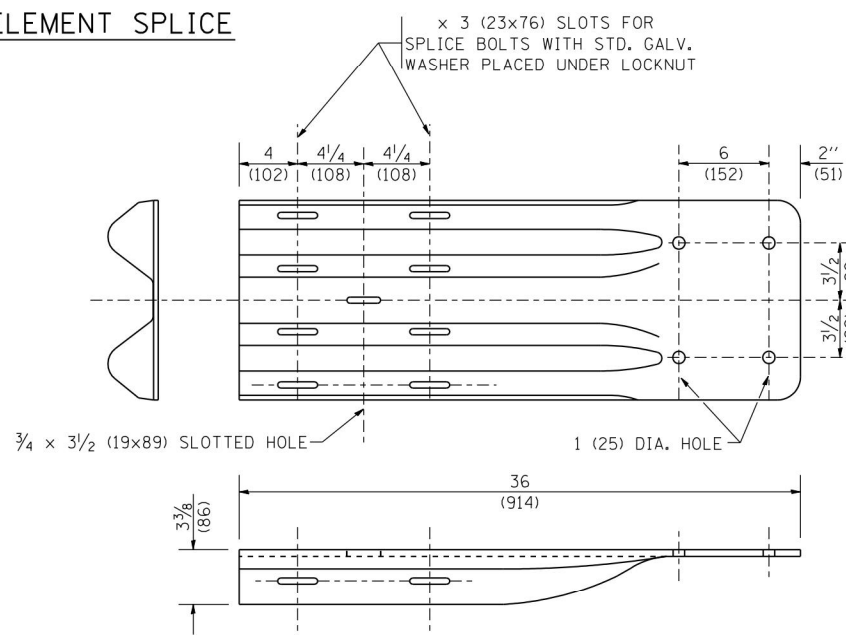
**END SECTION**



**NOTE:**

ANCHOR PLATE T SHALL BE USED TO ATTACH CABLE ASSEMBLY TO GUARDRAIL WHEN REQUIRED ON TRAFFIC BARRIER TERMINALS.

**ANCHORE PLATE T DETAILS**



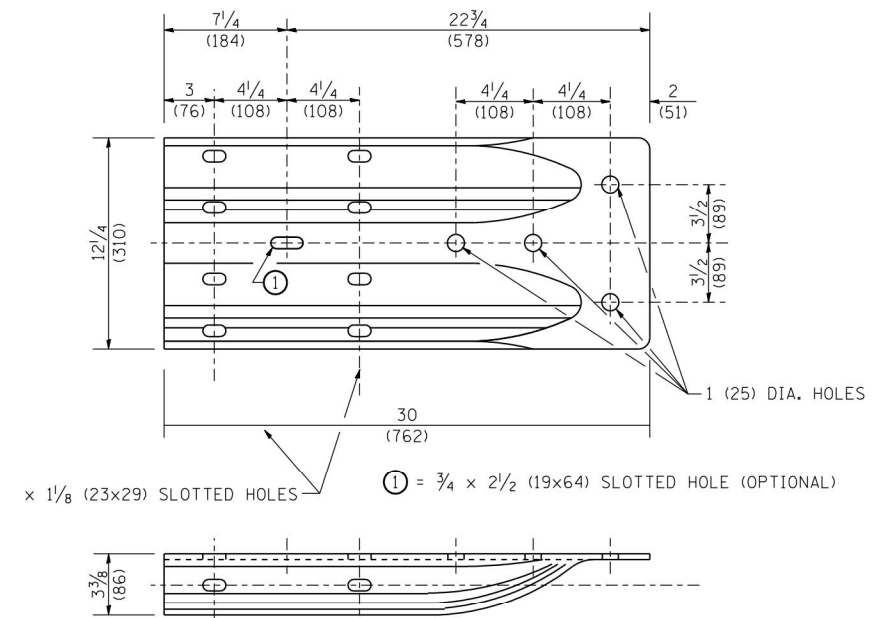
**END SHOE**

**NOTE:**

WHEN END SHOE IS ATTACHED TO A BRIDGE PARAPET WHICH HAS AN EXPANSION JOINT, THE BOLTS SHALL BE PROVIDED WITH A LOCKNUT OR DOUBLE NUT AND SHALL BE TIGHTENED ONLY TO A POINT THAT WILL ALLOW GUARDRAIL MOVEMENT.

THE STANDARD END SHOE SHALL BE ATTACHED TO THE CONCRETE WITH PRE-DRILLED OR SELF-DRILLING ANCHOR BOLTS. THE ANCHOR CONE SHALL BE SET FLUSH WITH THE SURFACE OF THE CONCRETE.

EXTERNALLY THREADED STUDS PROTRUDING FROM THE SURFACE OF THE CONCRETE WILL NOT BE PERMITTED.



**ALTERNATE END SHOE**

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USER NAME = gegl@nabt  
 PLOT SCALE = 50.0000' / IN.  
 PLOT DATE = 1/4/2008

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

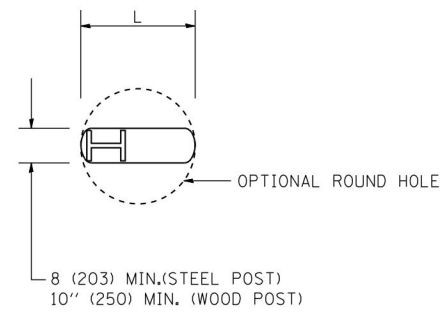
REVISED - 10-31-06  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

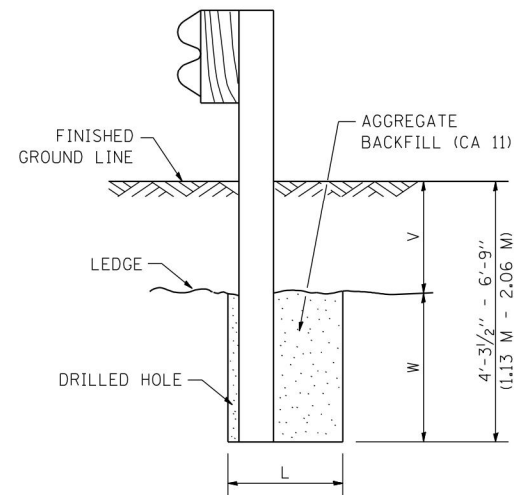
**REMOVE AND REERECT  
 STEEL PLATE BEAM GUARDRAIL**

SCALE: NONE SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2009-005-1	VARIOUS	38	22
<b>BM-21</b>		CONTRACT NO. 62H86		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PLAN

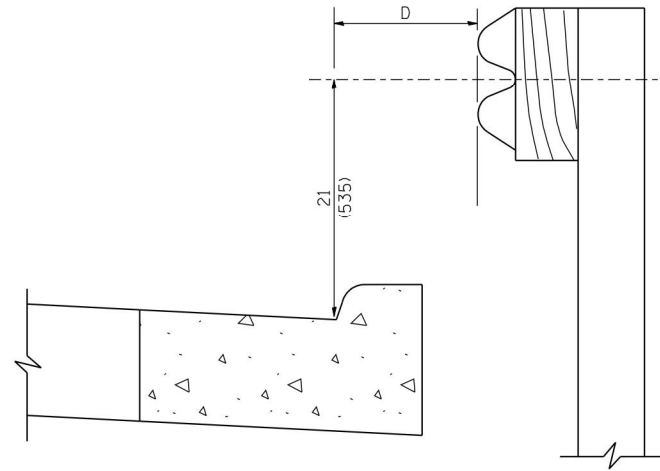


NOTE:

LEDGE LINE IS TOP OF ROCK LEDGE OR HARD SLAG FILL.

ELEVATION

FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED

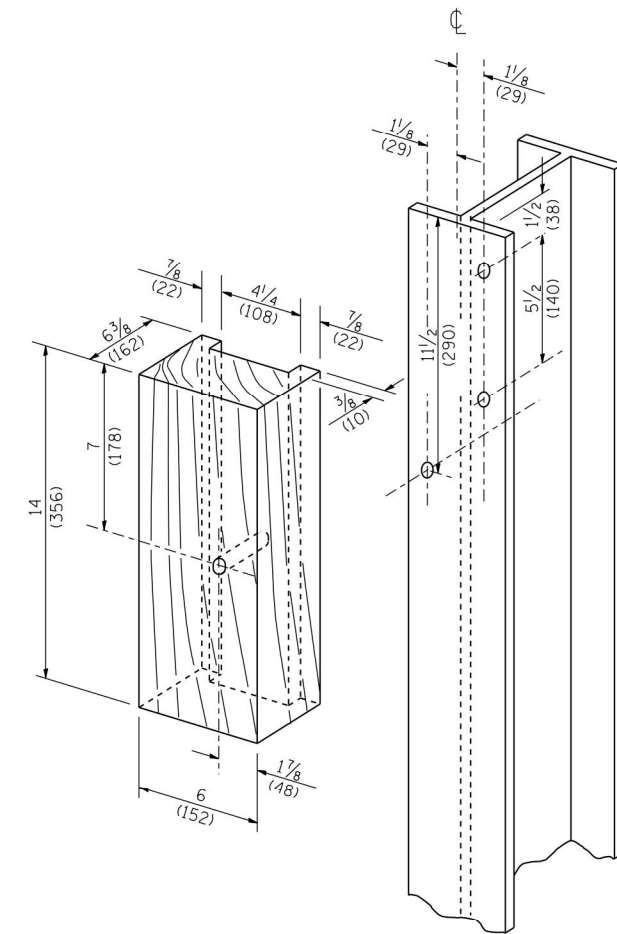


NOTE:

IF IT IS NECESSARY FOR D TO BE MORE THAN 12 (300) AND LESS THAN 10'-0'' (3.0 M) TYPE M-2 (M-5) CURB AND GUTTER (STD. 606001) SHALL BE USED IN FRONT OF AND IN ADVANCE OF THE GUARDRAIL.

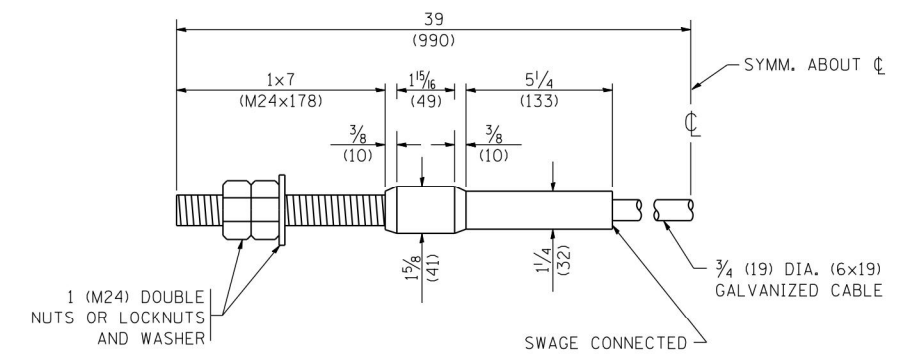
GUARDRAIL PLACED BEHIND CURB

(D = 0 DESIRABLE TO 12 (300) MAXIMUM)



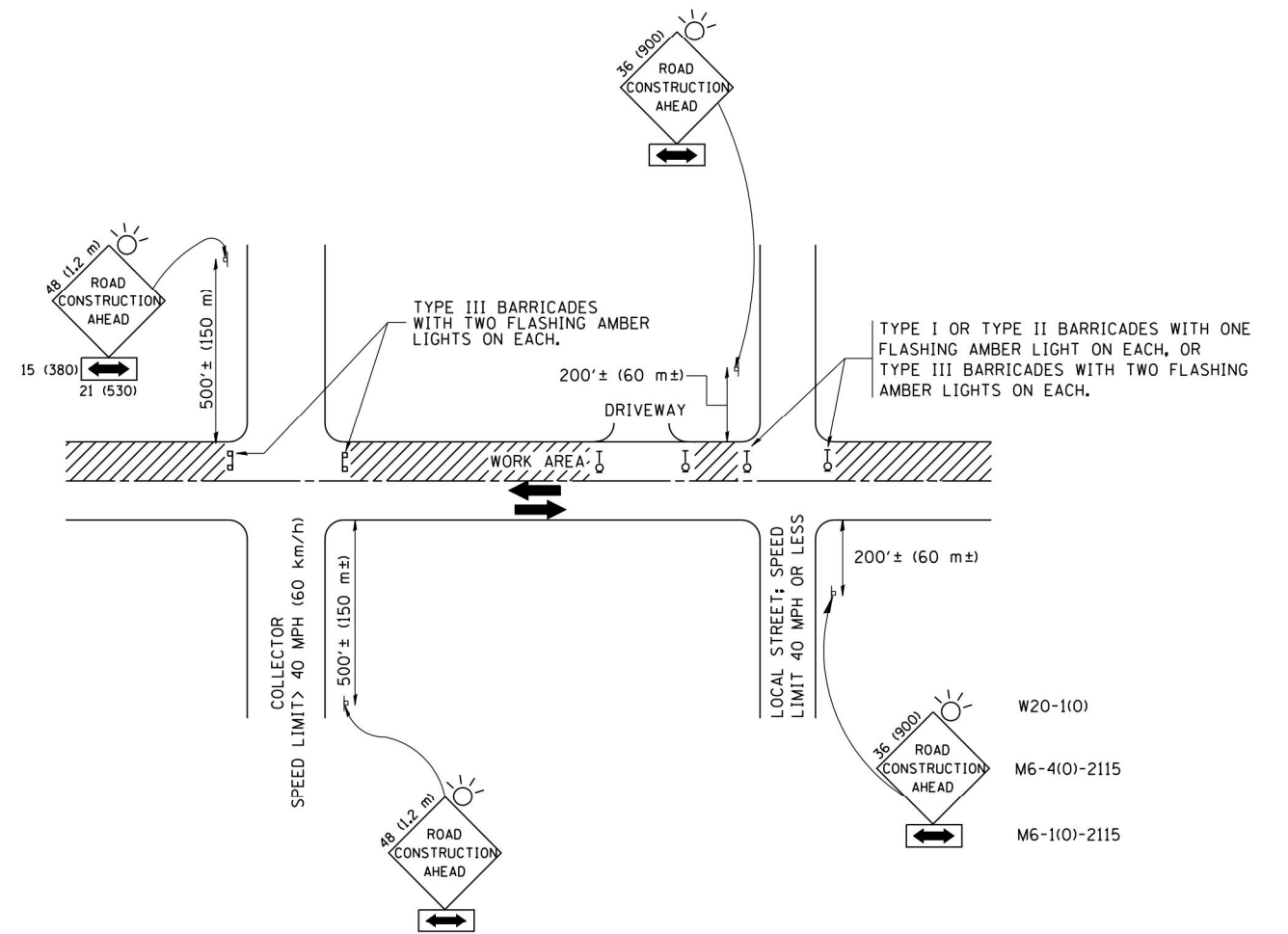
WOOD BLOCK-OUT AND STEEL POST DETAILS

V	W	L	
		STEEL POST	WOOD POST
0 - 18 (0 - 460)	24 (610)	21 (530)	23 (580)
>18 - 41.5 (> 460 - 825)	12 (305)	8 (203)	10 (250)
>41.5 - 53.5 (> 825 - 1.13 M)	12 - 0 (350 - 0)	8 (203)	10 (250)



CABLE ASSEMBLY

(40,000 LBS (18,100 KG) MIN. BREAKING STRENGTH)  
TIGHTEN TO TAUT TENSION



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

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

FILE NAME = W:\diststd\22x34\tc10.dgn	USER NAME = gegl10nbt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACH 01-06-00

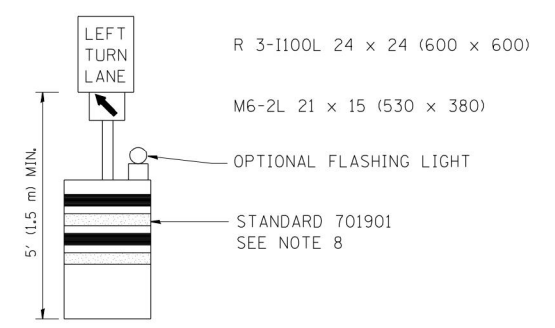
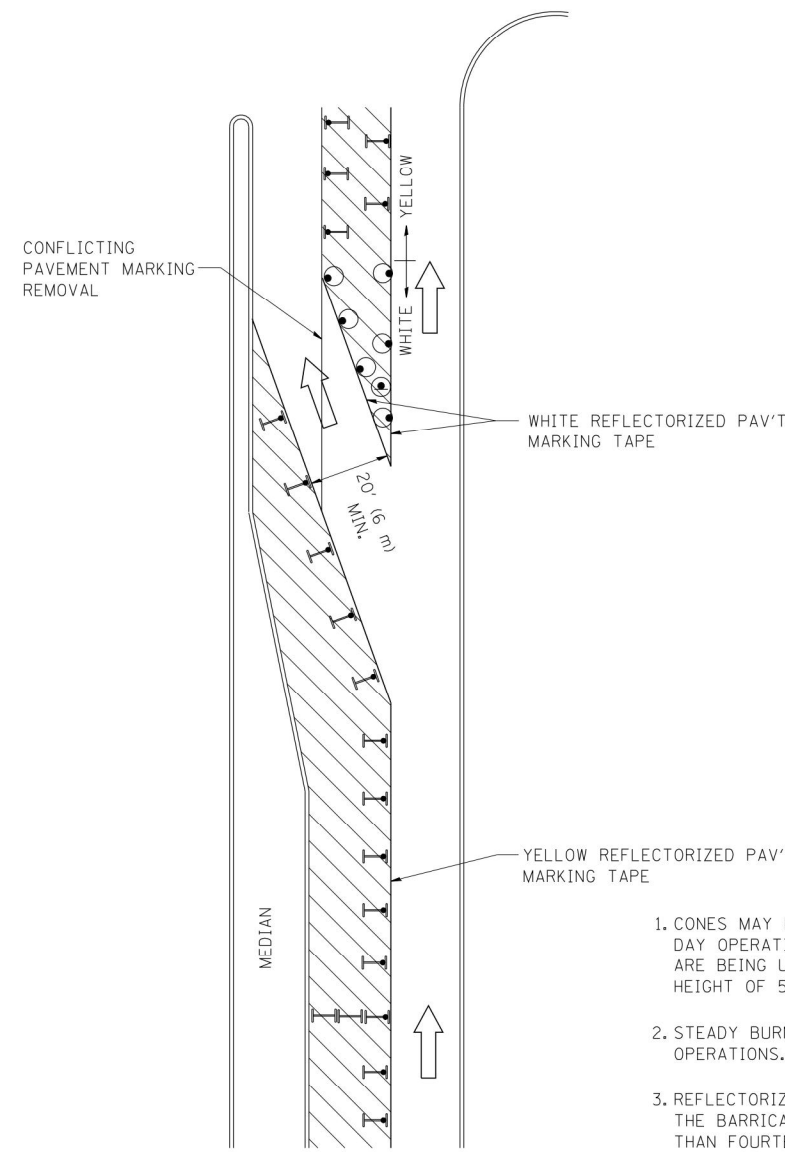
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2009-005-1	VARIOUS	38	24
TC-10			CONTRACT NO. 62H86	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				











**GENERAL NOTES**

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 PREQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

**LEGEND**

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

FILE NAME =	USER NAME = drivakosgn	REVISED -T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
et:\pw\work\PWIDOT\DRIVAKOSGN\d0108315\14.dgn		REVISED - A. HOUSEH 11-07-95	REVISED -
	PLOT SCALE = 49.9999' / IN.	REVISED - A. HOUSEH 10-12-96	REVISED -
	PLOT DATE = 9/14/2009	REVISED -T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

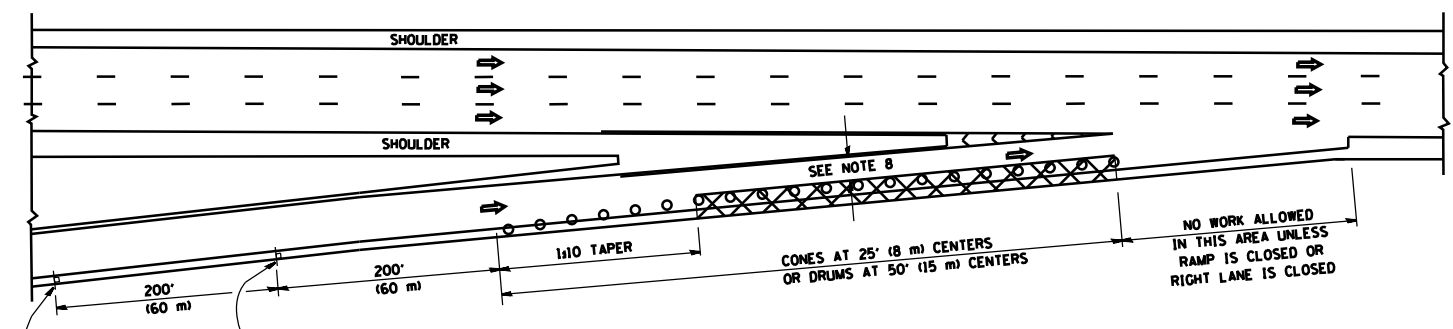
**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS  
(TO REMAIN OPEN TO TRAFFIC)**

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

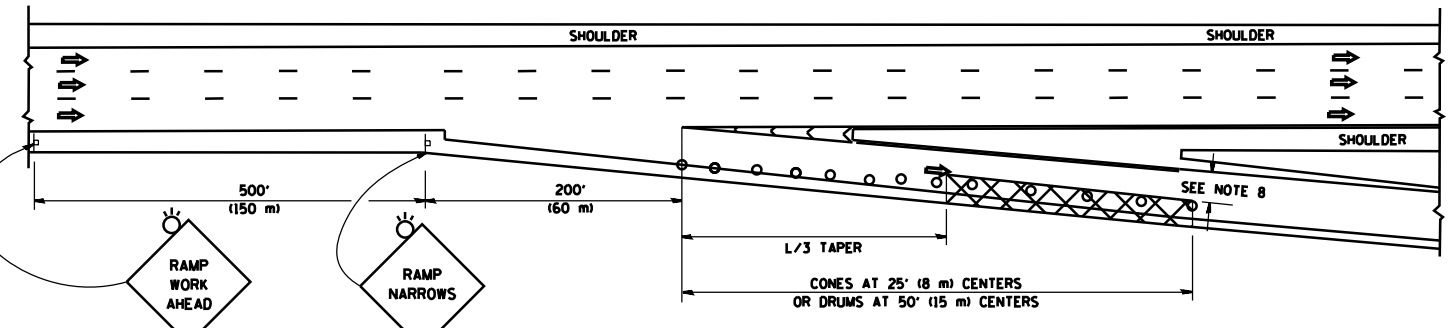
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2009-005-1	VARIOUS	38	25
<b>TC-14</b>		CONTRACT NO. <b>62H86</b>		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**PARTIAL RAMP CLOSURE DETAILS**

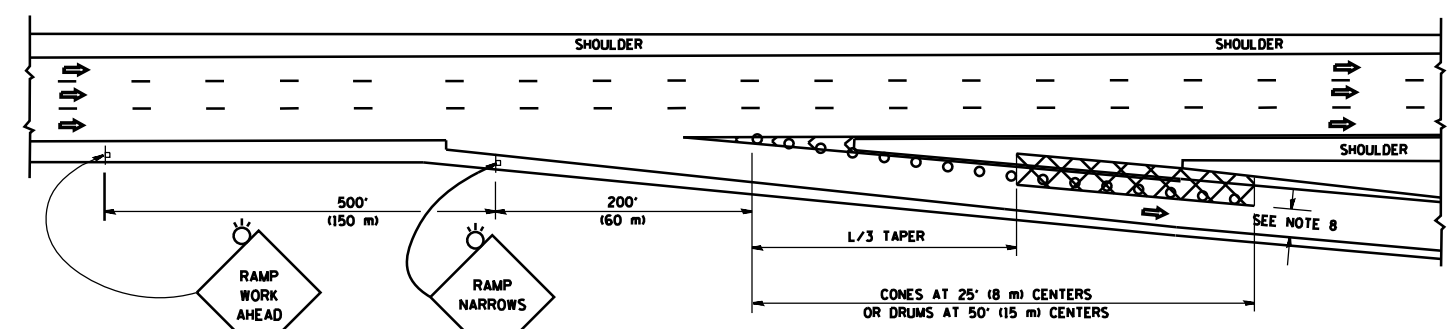
**SHOULDER CLOSURE DETAILS**



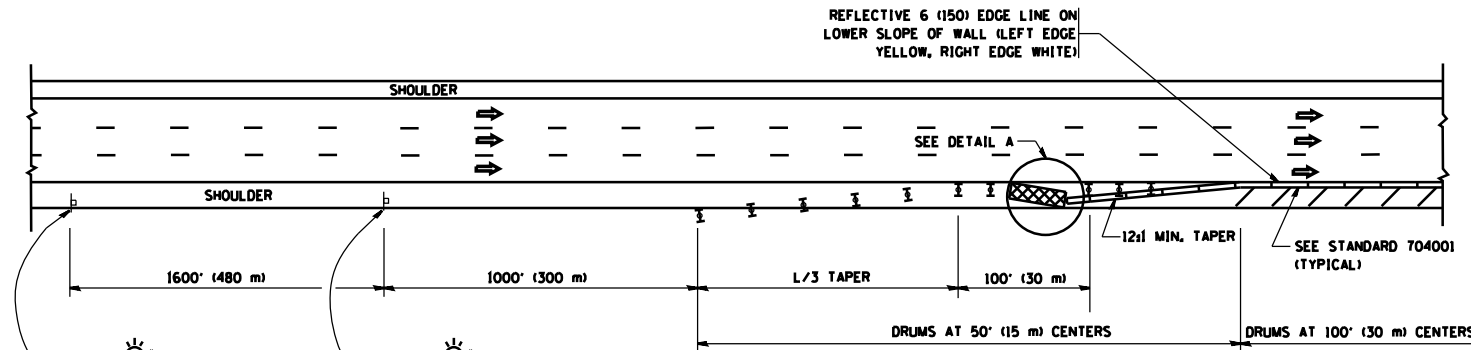
**TYPICAL ENTRANCE RAMP**



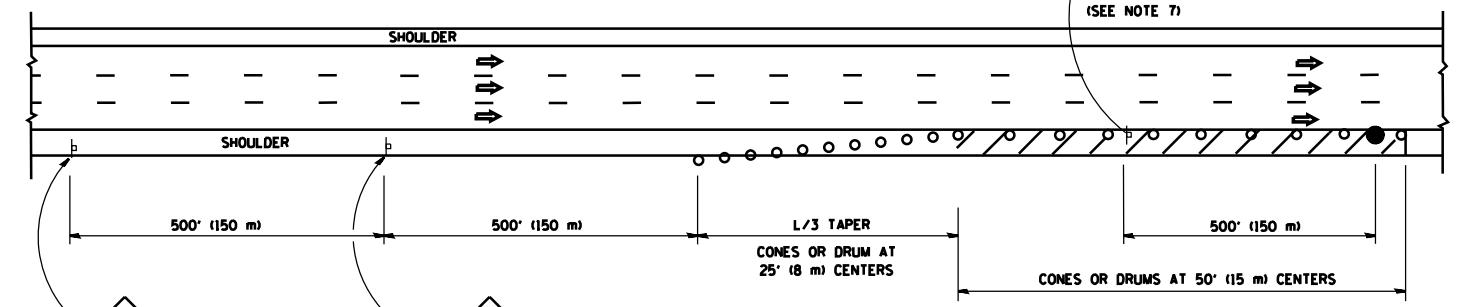
**TYPICAL EXIT RAMP**



**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 OR DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

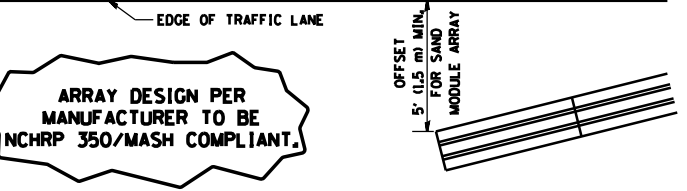
**GENERAL NOTES**

1. THE "L" DISTANCE EQUALS:
 

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

W = WIDTH OF OFFSET IN FEET (METERS)  
S = NORMAL POSTED SPEED MPH (KM/H)
2. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTIME 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.

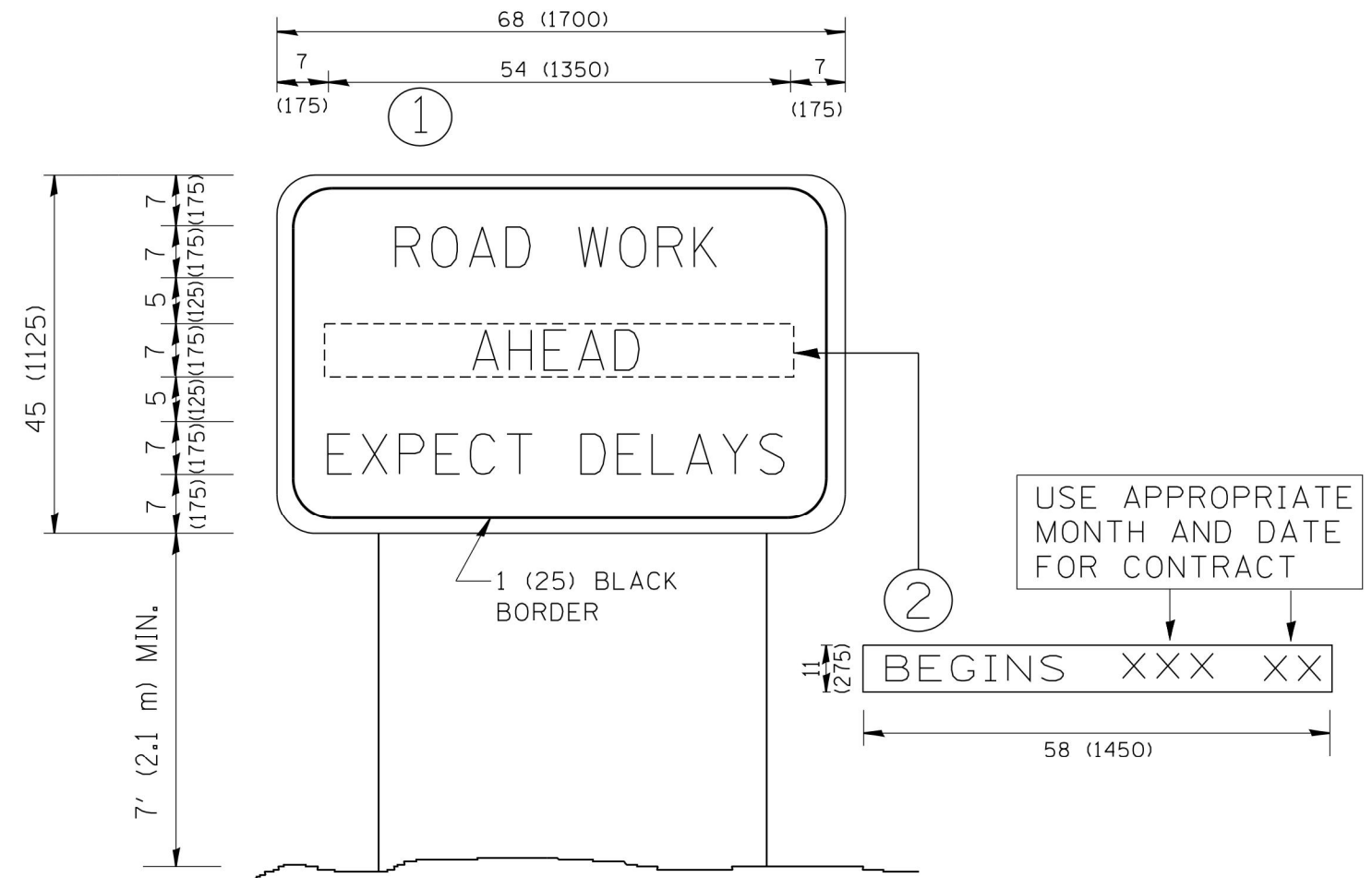
5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350/MASH.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
  - a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
  - b. THE WORK ACTIVITY REQUIRES FREQUENT 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.
8. 12' MIN. WIDTH TANGENT SECTION  
16' MIN. WIDTH CURVE SECTION.



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

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

FILE NAME =	USER NAME = lveysa	DESIGNED -	REVISED - J.A.F. 12-06	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pwwork\pwwork\lveysa\d0108315\cl17.dgn		DRAWN - D.W.S.	REVISED - S.P.B. 01-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	TC-17				
		CHECKED -	REVISED - S.P.B. 12-09										
		DATE - 11-96	REVISED - M.D. 06-13										
				CONTRACT NO.			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 = geglanoht	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

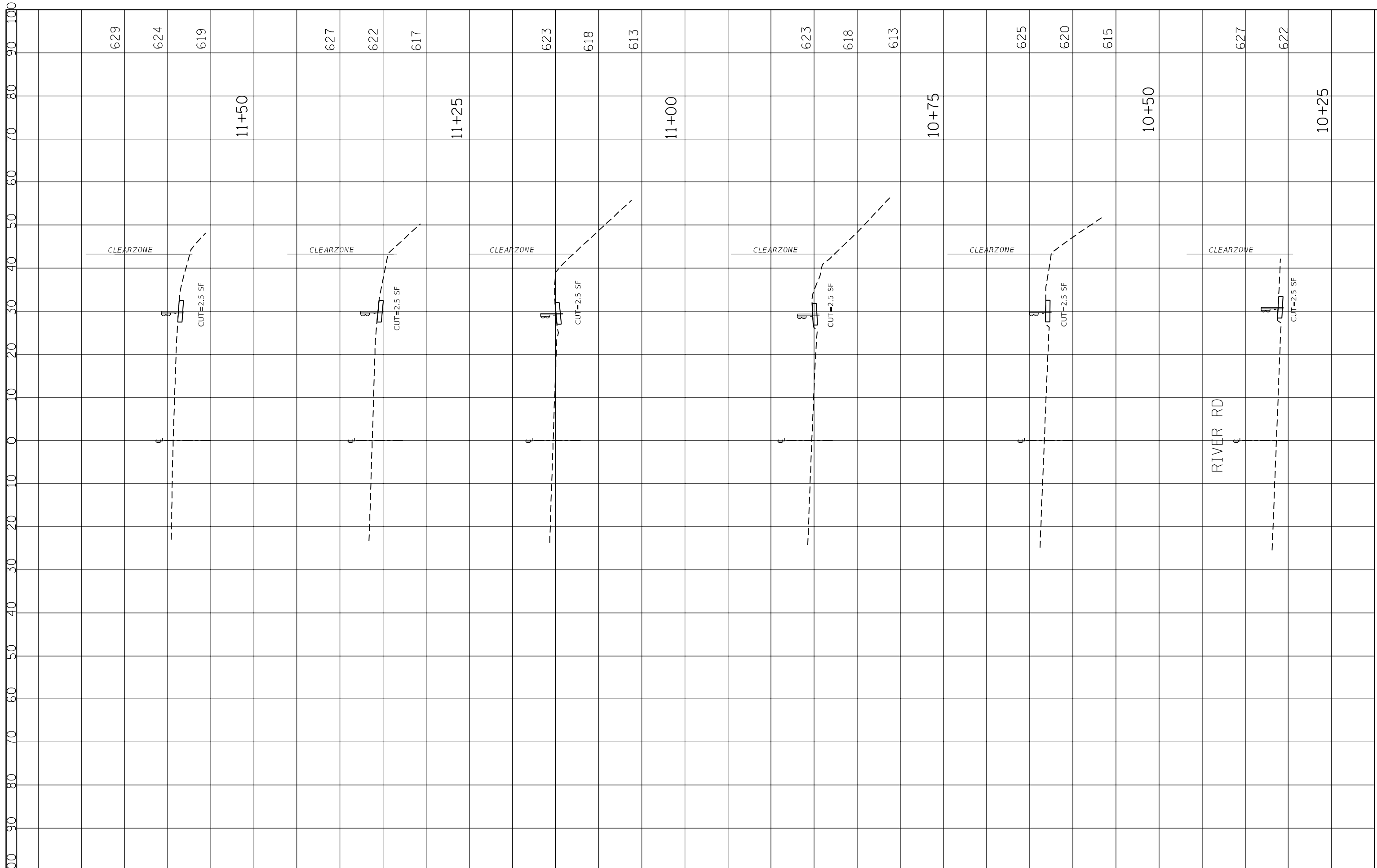
**ARTERIAL ROAD  
INFORMATION SIGN**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2009-005-1	VARIOUS	38	27
TC-22			CONTRACT NO. 62H86	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

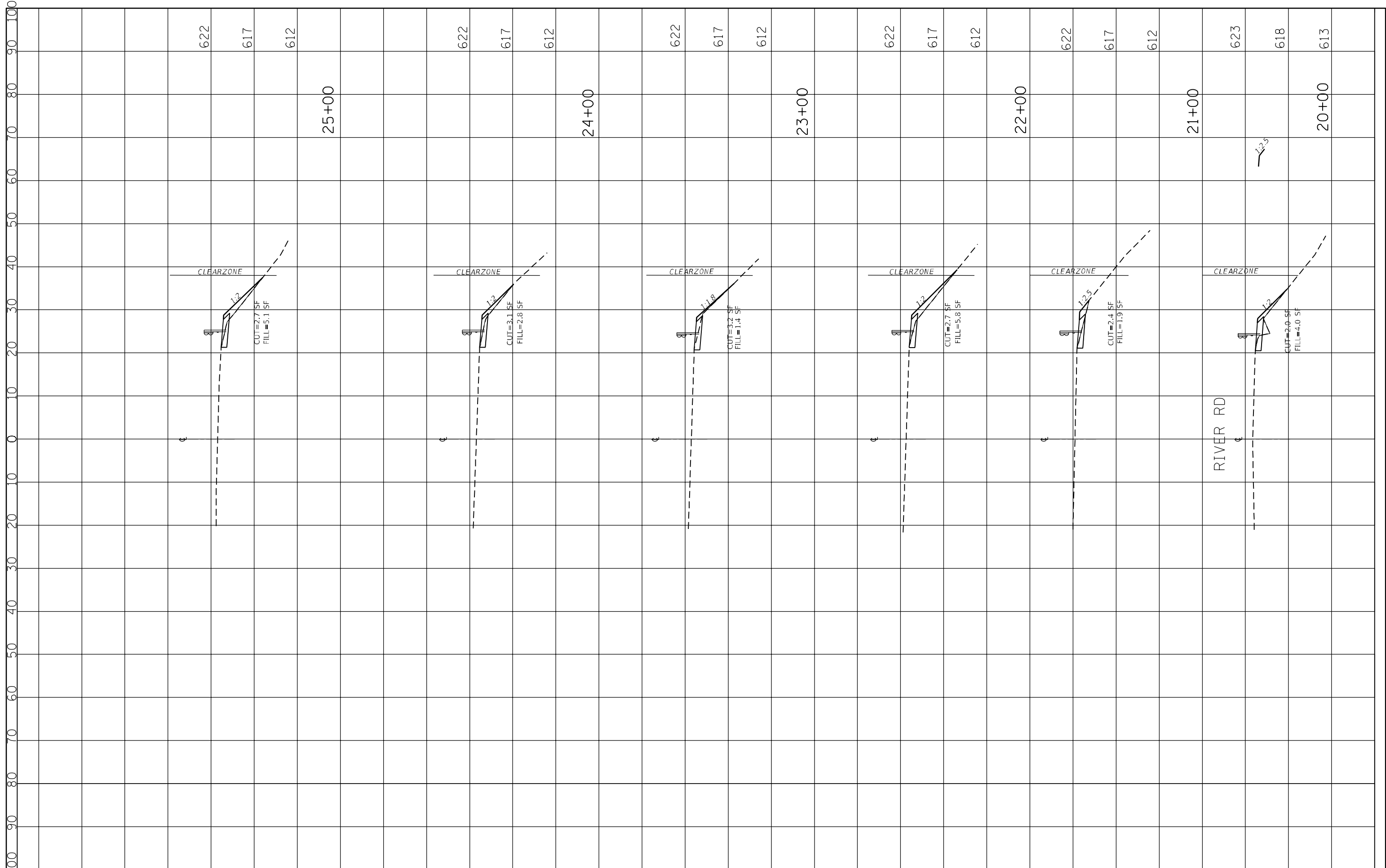
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	CHECKED		



FILE NAME = P:\2019\ME19003_Ver-Var-Phill\WO10_62H86_62H86	USER NAME = mkoehler	DESIGNED - TN	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTION - RIVER ROAD (LOCATION 1)</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DIR=C:\Users\mkoehler\AppData\Local\Temp\1\Replacements\01-CADD\02-Shts\62H86_62H86	DRAWN	REVISIONS	330					2009-005-1	COOK	38	28	
*MODELNAME*	PLOT SCALE = 20.0007' / in.	CHECKED - TN	REVISED -		SCALE: SHEET 1 OF 11 SHEETS STA. TO STA.			<b>CONTRACT NO. 62H86</b>				
	PLOT DATE = 12/6/2019	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =	USER NAME = mkoehler	DESIGNED - TN	REVISED -
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	PLOT DATE = 12/6/2019	DATE -	REVISED -

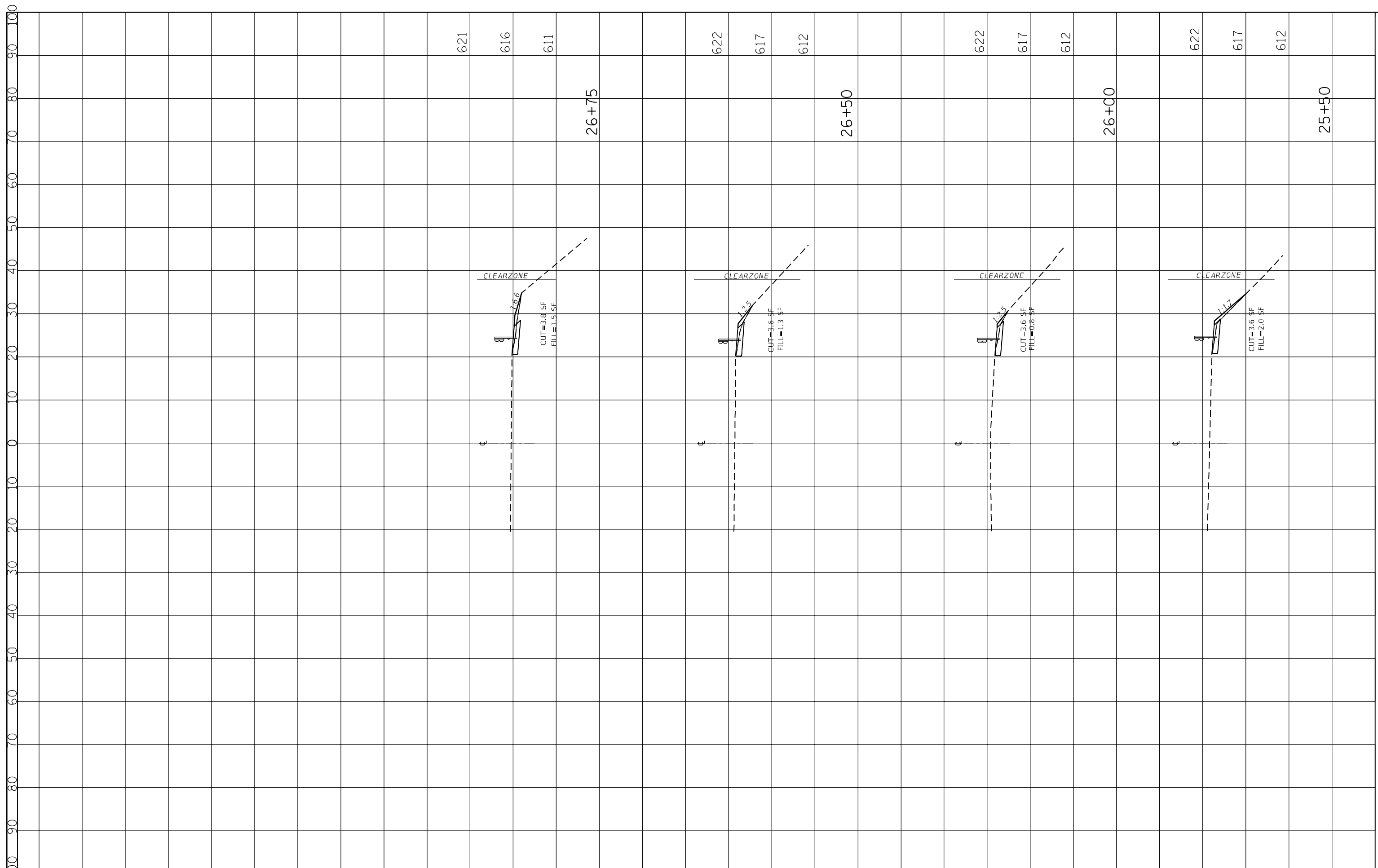
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTION - RIVER ROAD (LOCATION 2)</b>			
SCALE:	SHEET 2	OF 11 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2009-005-1	COOK	38	29
CONTRACT NO. 62H86				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =	USER NAME = mkoehler	DESIGNED - TN	REVISED -
P:\2019\MEI9003_Ver_Ver_Phil\W010_62H85_62H86	C:\d-r-a-i Replacements\01-CADD\02-Shts\62H86	DRAWN - XS-River	REVISED -
MODELNAME*	PLOT SCALE = 20.0007' / in.	CHECKED - TN	REVISED -
	PLOT DATE = 12/6/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION - RIVER ROAD (LOCATION 2)**

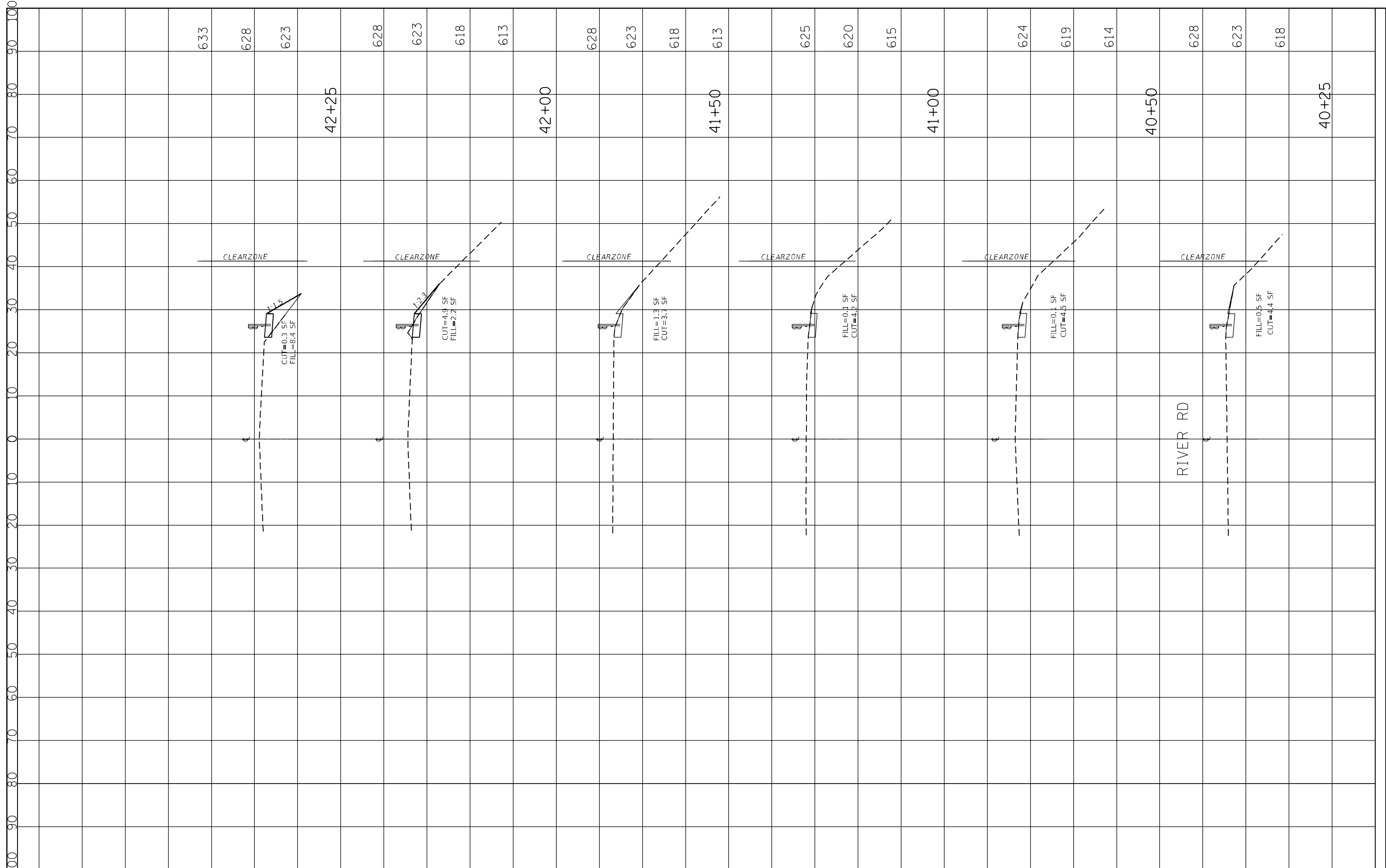
SCALE: SHEET 3 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2009-005-1	COOK	38	30
CONTRACT NO. 62H86			ILLINOIS FED. AID PROJECT	



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

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

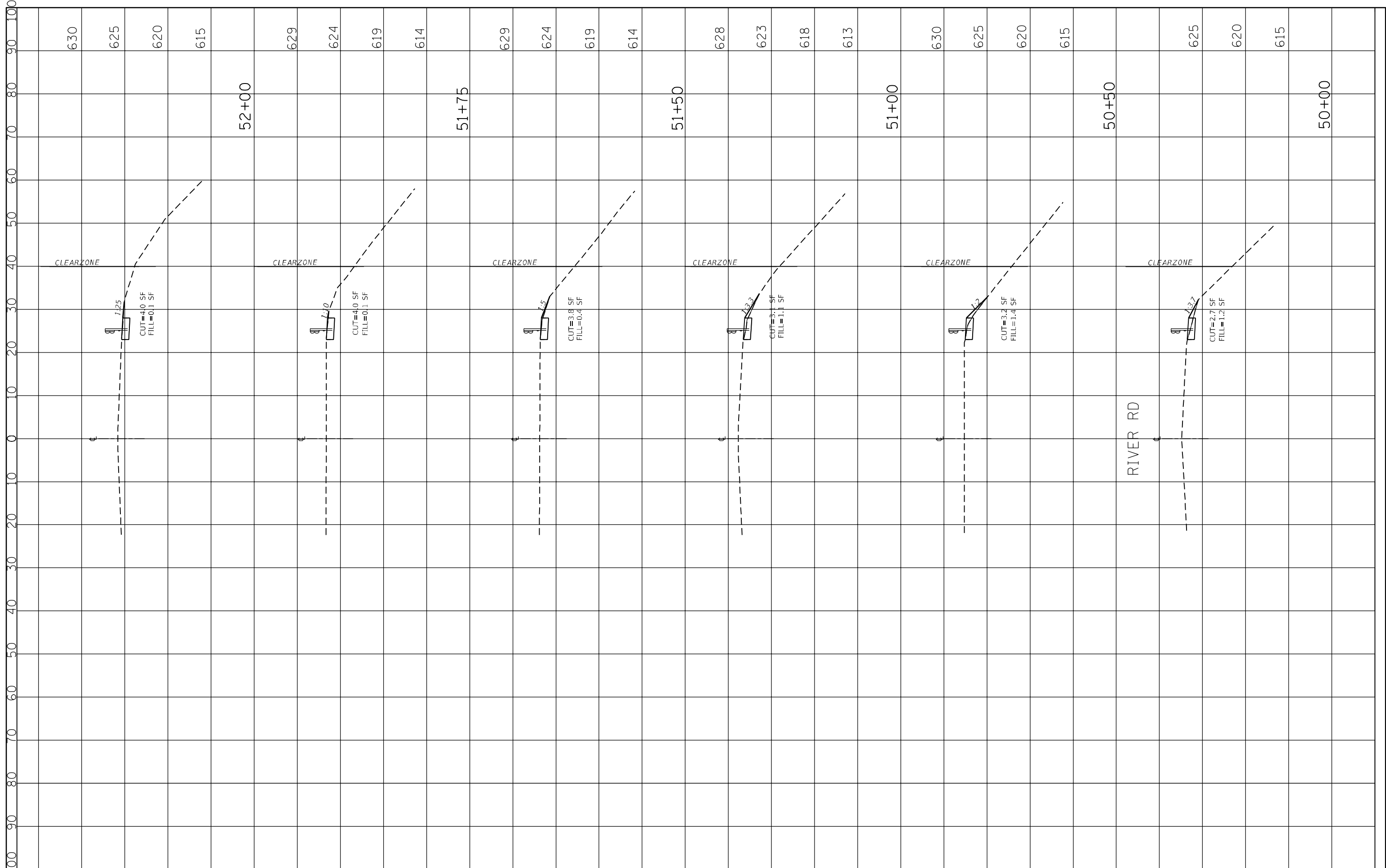


FILE NAME =	USER NAME = mkoehler	DESIGNED - TN	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTION - RIVER ROAD (LOCATION 4)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
P:\2019\ME19003_Ver-Var_Phil\W010.62H85.62H86	d:\d-a1 Replacements\01-CADD\02-Shts\62H86\01-River-XS-River.dgn	DRWING	REVISED -			330	2009-005-1	COOK	38	32	
PLOT SCALE = 20.0007' / in.	CHECKED - TN	REVISED -	SCALE:			SHEET 5 OF 11 SHEETS	STA.	TO STA.	CONTRACT NO. 62H86		
PLOT DATE = 12/6/2019	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								



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

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



FILE NAME =	USER NAME = mkoehler	DESIGNED - TN	REVISED -
P:\2019\ME19003_Ver-Var_Phil\W010_62H85_62H86_G...d\01 Replacements\01-CADD\02-Shfts\62H86\DR...ht-XS-RiverJrd.dgn			REVISED -
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	PLOT DATE = 12/6/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

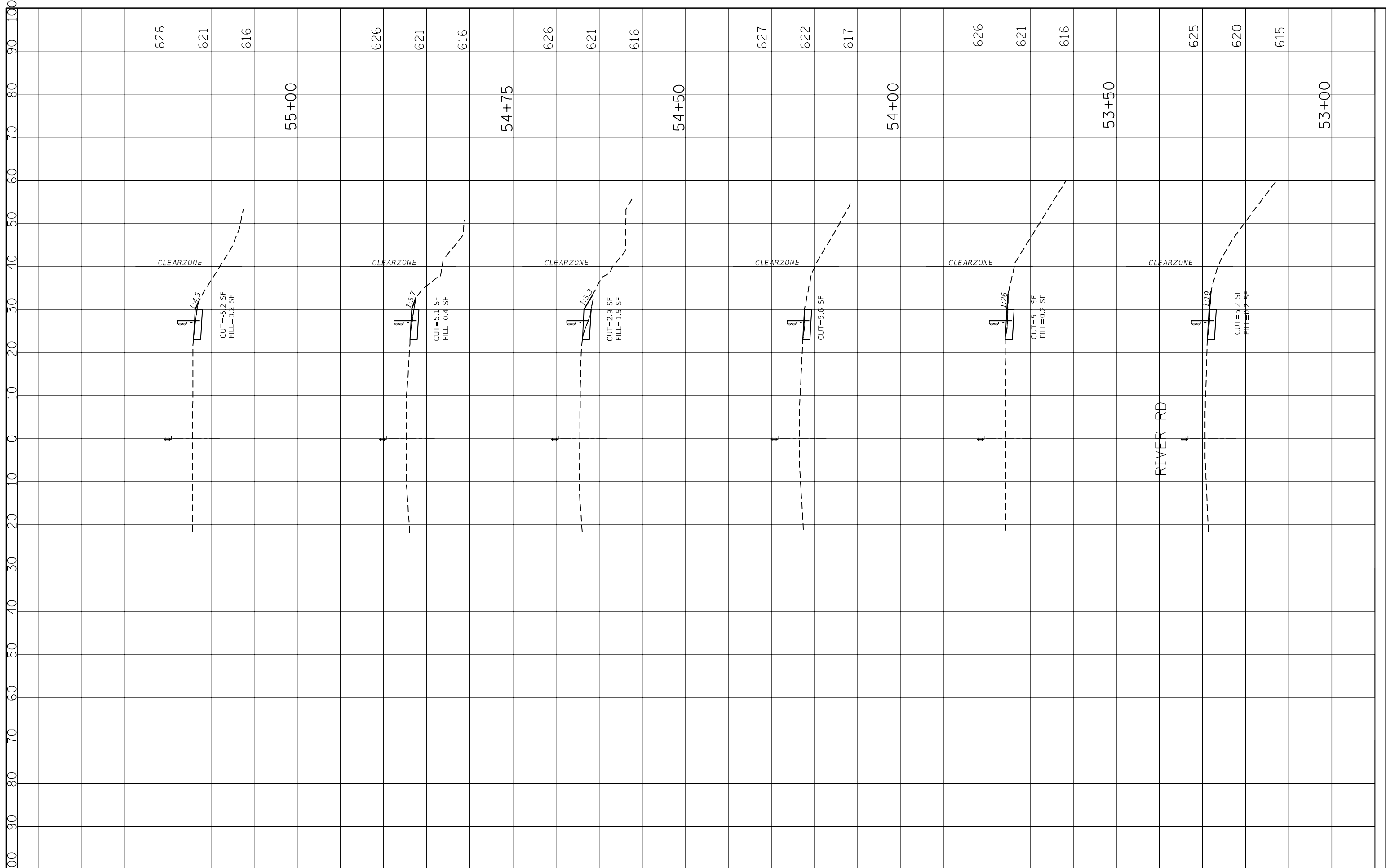
**CROSS SECTION - RIVER ROAD (LOCATION 5A)**

SCALE: SHEET 6 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2009-005-1	COOK	38	33
CONTRACT NO. 62H86				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =	USER NAME = mkoehler	DESIGNED - TN	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

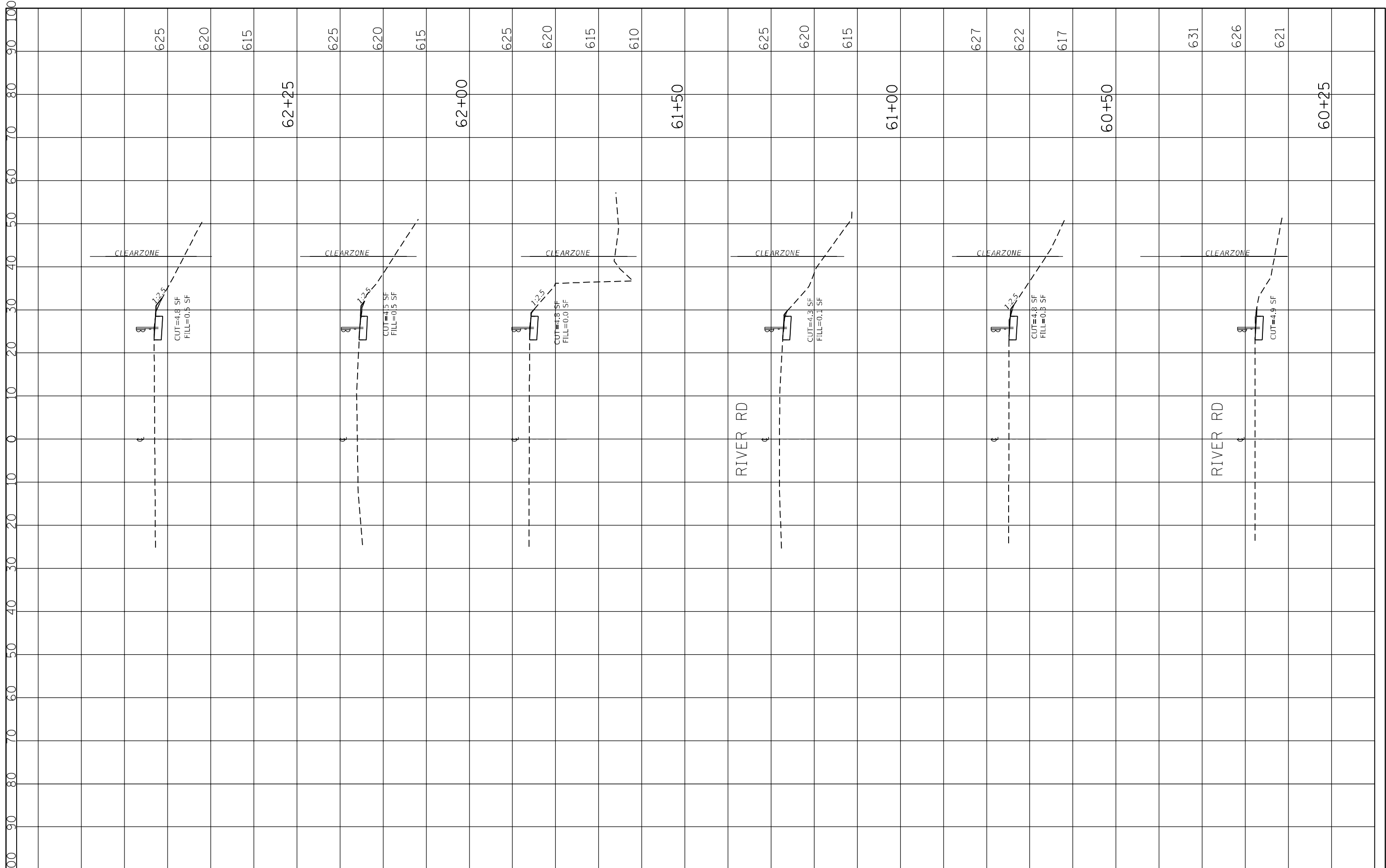
**CROSS SECTION - RIVER ROAD (LOCATION 5B)**

SCALE: SHEET 7 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2009-005-1	COOK	38	34
CONTRACT NO. 62H86				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =	USER NAME = mkoehler	DESIGNED - TN	REVISED -
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*MODELNAME*	PLOT SCALE = 20.0000' / in.	CHECKED - TN	REVISED -
	PLOT DATE = 12/6/2019	DATE -	REVISED -

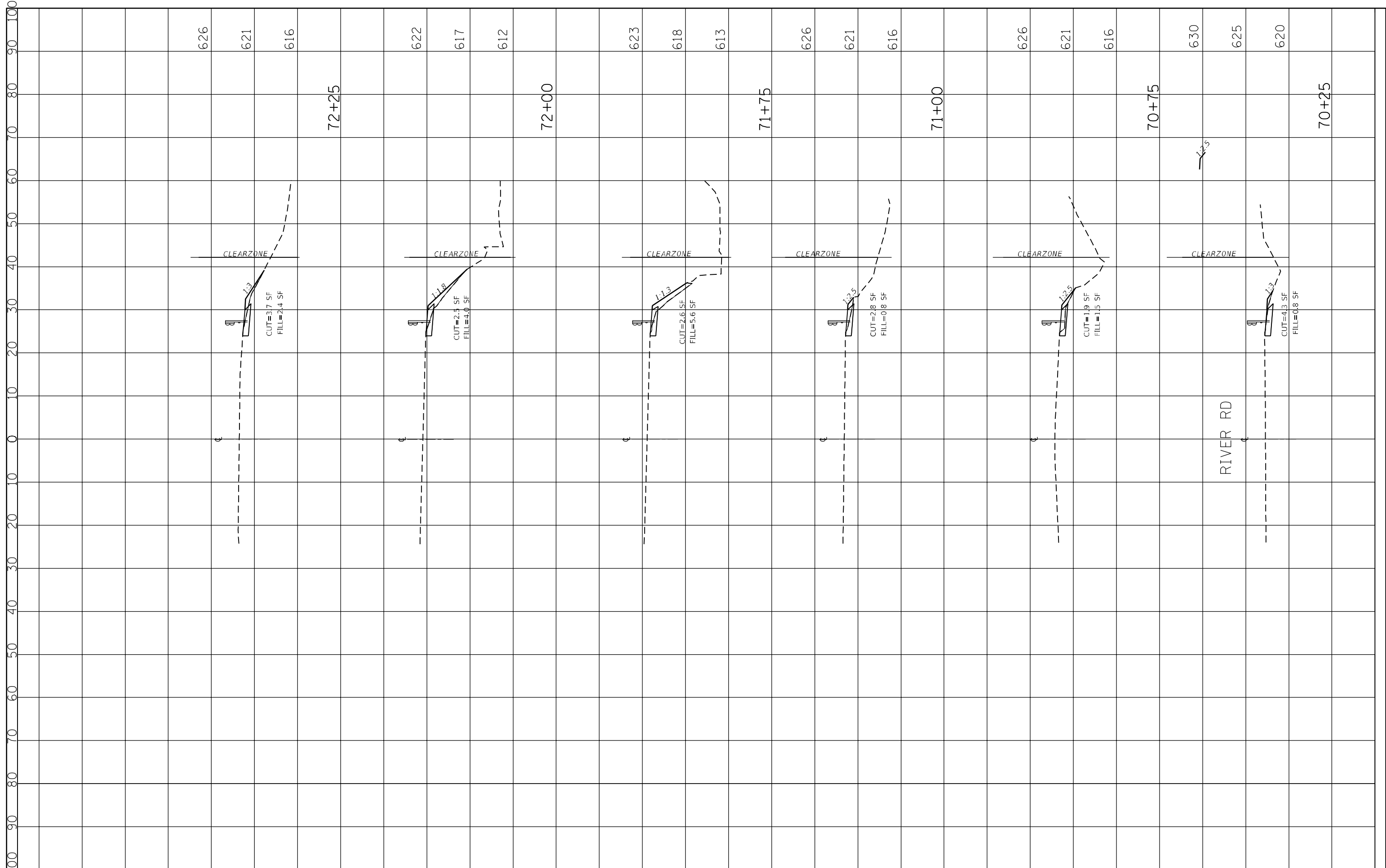
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTION - RIVER ROAD (LOCATION 6)</b>	
SCALE:	SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 2009-005-I	COUNTY COOK	TOTAL SHEETS 38	SHEET NO. 35
CONTRACT NO. 62H86				
ILLINOIS FED. AID PROJECT				

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

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



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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

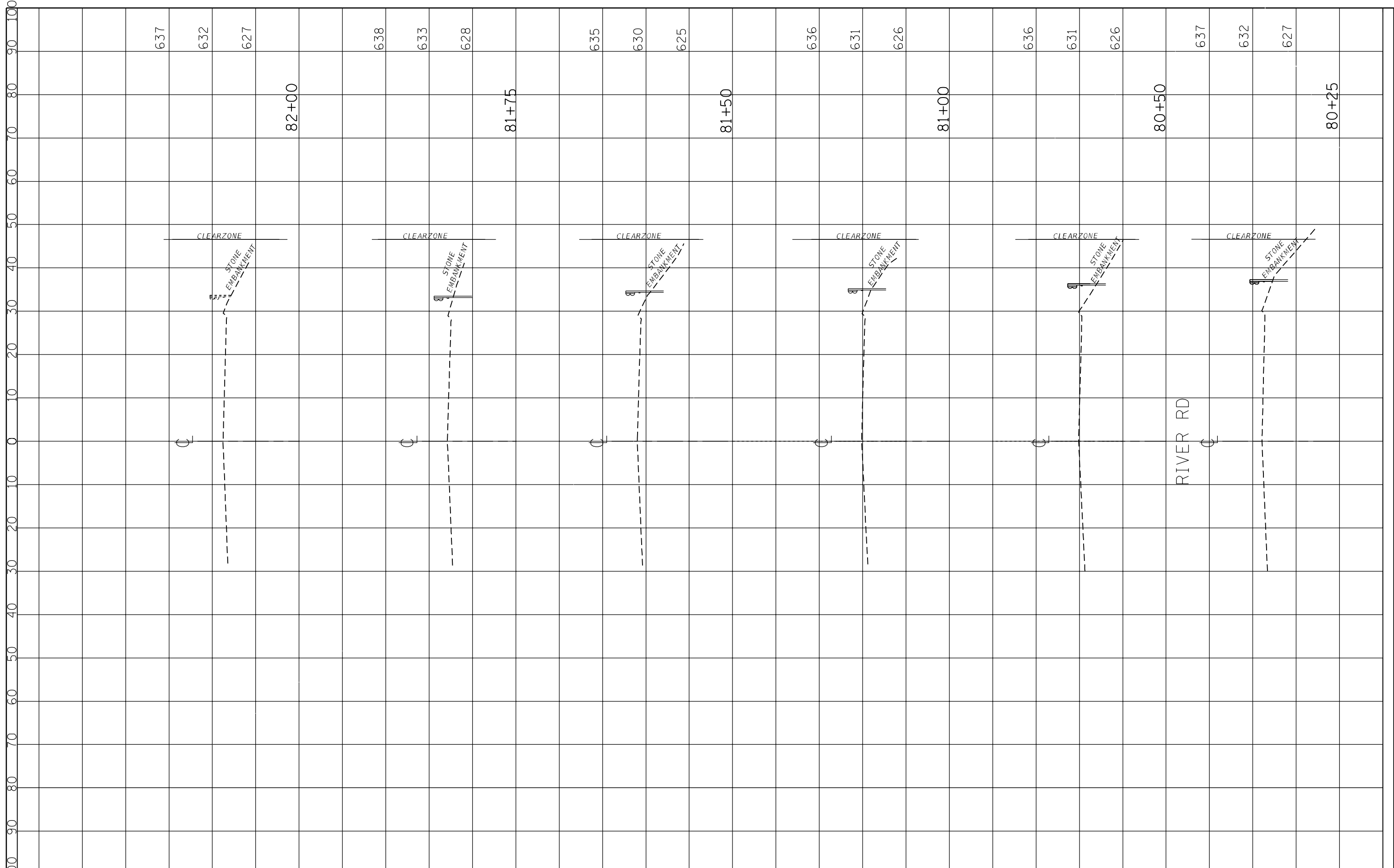
**CROSS SECTION - RIVER ROAD (LOCATION 7)**

SCALE: SHEET 9 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2009-005-1	COOK	38	36
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62H86	

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

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



FILE NAME =	USER NAME = mkoehler	DESIGNED - TN	REVISED -
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	PLOT DATE = 12/6/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION - RIVER ROAD (LOCATION 8)**

SCALE: SHEET 10 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2009-005-1	COOK	38	37
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62H86	

