

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	1
		ILLINOIS	CONTRACT NO. 89371	

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES
3	SUMMARY OF QUANTITIES
4-5	QUANTITY SCHEDULES
6-10	TYPICAL SECTIONS
11	ALIGNMENT, TIES, AND BENCHMARKS
12-13	RIGHT OF WAY PLAN
14	DETOUR PLAN
15-16	REMOVAL PLANS
17-21	PLAN AND PROFILES
22-23	PAVEMENT MARKING AND SIGNING PLANS
24-37	STRUCTURAL PLANS
38-40	STORM WATER POLLUTION PREVENTION PLANS
41-42	DETAIL PLANS
43-64	CROSS SECTIONS

EDEN ROAD COUNTY HIGHWAY (CH R30) STRUCTURE REPLACEMENT

SECTION 06-00014-00-BR
PROJECT BROS-0143(039)
C-94-084-05
PEORIA COUNTY

HIGHWAY STANDARD DETAIL PLANS

000001-06	602701-02	701206-03
001001-02	604036-03	701901-04
280001-07	630001-10	704001-07
420001-08	631011-09	720001-01
420401-11	631031-13	720006-04
515001-03	635006-03	728001-01
542301-03	635011-02	780001-05
542401-01	665001-02	BLR 22-7
602306-03	701001-02	BLR 23-4
602401-03	701006-05	BLR 24-2
602601-03	701201-04	

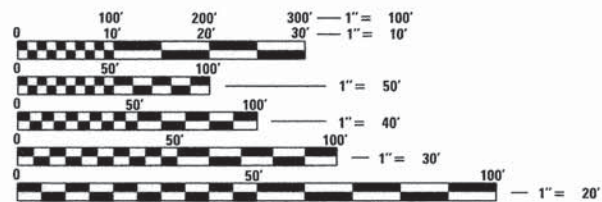
AVERAGE DAILY TRAFFIC (ADT)

EDEN ROAD (CH R30): 400 VPD (2012)

DESIGN SPEED: 30 MPH
RURAL CONDITION

FUNCTIONAL CLASSIFICATION

LOCAL ROAD (RURAL) - EDEN ROAD

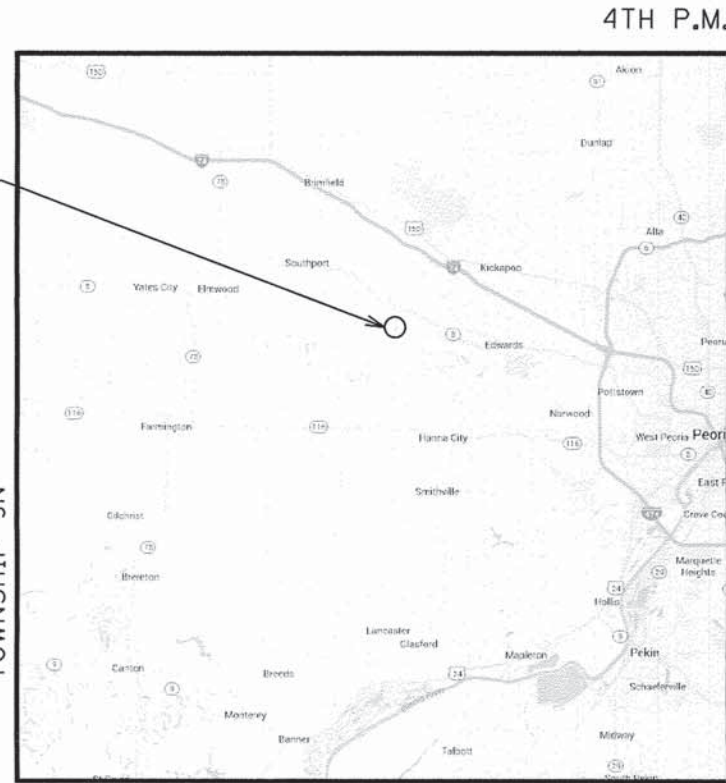


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: EMILY MUNDAY
PROJECT MANAGER: CHRIS WHITFIELD
PEORIA COUNTY ENGINEER: AMY BENECKE MCLAREN, P.E.
CONTRACT NO. 89371
CATALOG NO. 033073

PROJECT LOCATION
EXISTING SN 072-3039
PROPOSED SN 072-3152
COUNTY HIGHWAY R30
OVER NIXON RUN

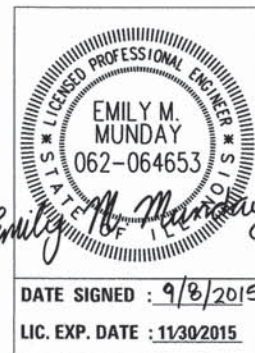
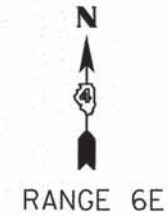


ROSEFIELD TOWNSHIP

LOCATION MAP

EDEN ROAD (CH R30) GROSS/NET LENGTH : 2080 L.F. (0.39 MILES)
STRUCTURE LENGTH : 93 L.F.

4TH P.M.



DATE SIGNED : 9/8/2015
LIC. EXP. DATE : 11/30/2015

SEE PLAN SHEET 24 FOR STRUCTURAL ENGINEER'S SEAL APPLYING TO PLAN SHEETS 24 TO 37.



AGENCY RESPONSIBLE FOR LETTING	
APPROVED	September 4, 2015 <i>Amy Benecke McLaren</i> LOCAL AGENCY, PEORIA COUNTY ENGINEER
PASSED	09-09-2015 <i>Thomas J. ...</i> DISTRICT 4 ENGINEER OF LOCAL ROADS & STREETS
RELEASED FOR BID BASED ON LIMITED REVIEW	Sept 09, 2015 <i>Kenail A. Starnett</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION 3 ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATION. THE J.U.L.I.E. NUMBER IS 1-800-892-0123. (811 DIRECT NUMBER)
2. THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN IS FOR THE CONTRACTOR'S INFORMATION ONLY AND IS 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. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE HIS CONSTRUCTION ACTIVITIES WITH THE VARIOUS UTILITY OWNERS. ALL POTENTIAL CONFLICTS SHALL BE INVESTIGATED AND REMEDIAL ACTION TAKEN PRIOR TO INTERRUPTION OF THE CONTRACTOR'S PROGRESS.
3. ALL UTILITY FACILITIES THAT REQUIRE RELOCATION WITHIN THE R.O.W. SHALL BE COMPLETED BY THE UTILITY COMPANY UNLESS OTHERWISE SHOWN ON THE PLANS.
4. ALL STATION AND OFFSET REFERENCES ARE TO THE ROADWAY CENTERLINE UNLESS OTHERWISE NOTED. THE STATE PLANE COORDINATE SYSTEM HAS BEEN USED FOR THE HORIZONTAL CONTROL.
5. ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON U.S.G.S. MEAN SEA LEVEL DATUM.
6. ANY REFERENCE WITHIN THESE PLANS TO A STANDARD SHALL BE INTERPRETED TO MEAN THE EDITION INDICATED BY THE SUB-NUMBER LISTED ON THE COVER SHEET OR THE COPY INCLUDED IN THESE PLANS.
7. PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURE HAVE BEEN TAKEN FROM FIELD SURVEYS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION.
8. THE THICKNESS OF HOT MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT MIX ASPHALT MIXTURE IS PLACED.
9. WHEN CONSTRUCTING HMA BASE COURSE, THE CONTRACTOR SHALL TRIM THE SURFACE AND BASE TO A FIRM AND SMOOTH PLANE BEFORE CONSTRUCTING THE HMA BASE COURSE. THE COST OF THIS REQUIREMENT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING CONSTRUCTED.
10. WHERE PROPOSED CONSTRUCTION ABUTS EXISTING APPURTENANCES, A SAW CUT SHALL BE MADE TO ACHIEVE A NEAT BUTT JOINT. SAW CUT SHALL BE CONSIDERED INCLUDED IN ITEM BEING CONSTRUCTED.
11. RECLAIMED ASPHALT PAVEMENT (RAP) WILL NOT BE ALLOWED FOR USE AS AGGREGATE IN AGGREGATE SHOULDERS.
12. FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS:

ALL HOT MIX ASPHALT	116 LBS/SQ.YD.-IN
ALL AGGREGATE	2.05 TONS/CU.YD.
BITUMINOUS MATERIALS:	
ON NEW HMA	0.05 GAL./SQ.YD.
ON AGGREGATE SURFACE	0.40 GAL./SQ.YD.
AGGREGATE (PRIME COAT)	0.0015 TONS/SQ.YD.
13. SEEDING SHALL BE DONE ON ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS. SEEDING SHALL BE PAID FOR ONLY WITHIN THE PROPOSED RIGHT-OF-WAY OR EASEMENT LIMITS AS SEEDING, CLASS 2A or CLASS 3. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE CONSTRUCTION LIMITS AS SHOWN ON THESE PLANS SHALL BE SEEDED, AT THE CONTRACTOR'S EXPENSE.
14. THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH THE PROVISIONS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER PERMIT AND IMPLEMENT THE EROSION CONTROL PLAN INCLUDED IN THESE PLANS AND SPECIFIED HEREIN. AS SPECIFIED IN ARTICLE 107.23, THE ENGINEER MUST GIVE PRIOR APPROVAL BEFORE DISTURBANCE OF ANY AREA CAN BEGIN.
15. EXISTING TRAFFIC CONTROL AND ROADSIDE SIGNS SHALL BE RE-INSTALLED AFTER RECONSTRUCTION OF THESE IMPROVEMENTS AND BEFORE THE ROAD IS OPENED TO TRAFFIC.
16. ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES NEEDED DURING CONSTRUCTION ACTIVITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL AND MAINTAIN.
17. SECTION/SUBSECTION MARKERS SHALL BE PROTECTED. IF MARKERS ARE DISTURBED BY CONSTRUCTION, A LICENSED PLS SHALL REPLACE THE MARKER IN ACCORDANCE WITH ACCEPTED STANDARDS OF PRACTICE.
18. DRAINAGE END SECTION STATIONS, OFFSETS, AND ELEVATIONS ARE GIVEN AT THE CENTER OF TOE.

19. TREE REMOVAL SHALL NOT BE ALLOWED FROM APRIL 1 TO SEPTEMBER 30 INCLUSIVE DUE TO THE POSSIBLE PRESENCE OF THE INDIANA AND NORTHERN LONG-EARED BATS.
20. THE CONTRACTOR MUST CONTACT J.U.L.I.E. AT LEAST 48 HOURS BEFORE EXCAVATING ANY MATERIAL OR BORING OPERATIONS. THE FOLLOWING UTILITY COMPANIES HAVE BEEN CONTACTED AND THEIR EXISTING FACILITIES ARE SHOWN ON THESE PLANS BASED ON RECORD DRAWINGS AND FIELD SURVEYS.

AMEREN ILLINOIS - GAS; KENT KOWALSKA (309-677-5327)
 AMEREN ILLINOIS - ELECTRIC; WAHEED SHAHZAD (309-693-4631)
 AT&T; WILLIAM CONOVER (309-686-3317)

UTILITY POLES WITHIN GRADING LIMITS				
STATION	OFFSET	EXIST. GROUND ELEVATION	PROP. GROUND ELEVATION	DIFFERENCE (FEET)
213+74	37.6' RT	642.70	644.55	+1.85
217+33	35.8' RT	634.06	633.05	-1.01
220+46	38.0' RT	607.93	607.18	-0.75
224+25	40.0' RT	563.67	563.95	+0.28
233+58	26.4' LT	621.93	620.63	-1.30

DISTRICT FOUR GENERAL NOTES

1. ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 OF THE STANDARD SPECIFICATIONS UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES. (107.09)
2. THE PEORIA COUNTY HIGHWAY DEPARTMENT SHOULD BE CONTACTED AND PRIOR APPROVAL OBTAINED FOR ANY TREE REMOVAL BEYOND THE LIMITS/LOCATIONS INCLUDED IN THE PLANS. (201.04)
3. THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF THE BOX/PIPE CULVERTS, STORM SEWERS, AND/OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS. (542.00)
4. PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- BDE FORM 2289 (CULTURAL AND NATURAL RESOURCES REVIEW OF BURROW AREAS)
- BDE FORM 2290 (WASTE/USE AREA REVIEW)
- A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- COLOR PHOTOGRAPHS DEPICTING THE USE AREA
- BORROW AREA ENTRY AGREEMENT FORM - D4 PI0101

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS SHALL BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.

PLEASE NOTE THAT A MINIMUM OF FOUR WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED WASTE SITE ENVIRONMENTAL CLEARANCES AND SIX WEEKS FOR THE REQUIRED BORROW SITE ENVIRONMENTAL CLEARANCES. (204.00)

PAVEMENT DESIGN

EDEN ROAD (CH R30)
 CLASS III ROAD, DESIGN PERIOD = 15 YRS
 DHV = 400 VPD, TRAFFIC FACTOR = 0.034
 6" FULL DEPTH HMA OVER 12" AGGREGATE BASE COURSE

HOT-MIX ASPHALT MATERIALS

LOCATION:	EDEN ROAD		
MIXTURE USES:	POLYMERIZED SURFACE	BINDER TOP LIFT	BINDER LOWER LIFTS
PAY ITEM CODES	40701801	40701801	40701801
AC/PG:	PG 58-28	PG 58-28	PG 64-22
RAP % (MAX):	10%	10%	25%
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5	IL-19.0	IL-19.0
FRICTION AGGREGATE	MIX C	N/A	N/A
MIXTURE WEIGHT:	116 LB/SQ YD/IN	116 LB/SQ YD/IN	116 LB/SQ YD/IN
THICKNESS:	1 1/2" MIN.	2 1/4" MIN.	2 1/4" MIN.
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A	N/A

DIRECTORY USER NAME = L:\PC\146301010\chen\CAD_Steve...
 USER NAME = Emily Murchay



MODEL NAME = Default	DESIGNED - EMM	REVISED -
FILE NAME = SHT_General Notes.dgn	DRAWN - AWH	REVISED -
PLOT SCALE = 50.0000' / 1" =	CHECKED - EJH	REVISED -
PLOT DATE = 9/9/2015 - 11:22:19 AM	DATE - SEPTEMBER 2015	REVISED -

**PEORIA COUNTY HIGHWAY DEPARTMENT
 PEORIA COUNTY, ILLINOIS**

**GENERAL NOTES AND REQUIREMENTS
 COUNTY HIGHWAY R30 BRIDGE OVER NIXON RUN**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	2
CONTRACT NO. 89371				
ILLINOIS FED. AID PROJECT				

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

SUMMARY OF QUANTITIES					
SP	ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY	RECORD QUANTITY
	20100500	TREE REMOVAL, ACRES	ACRE	1.8	
*	20200100	EARTH EXCAVATION	CU YD	5790	
	20300100	CHANNEL EXCAVATION	CU YD	2059	
	20400800	FURNISHED EXCAVATION	CU YD	1721	
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	15488	
	25000210	SEEDING, CLASS 2A	ACRE	1.0	
	25000300	SEEDING, CLASS 3	ACRE	2.2	
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	288	
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	288	
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	288	
	25100127	MULCH, METHOD 3A	ACRE	2.7	
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	4960	
	28000305	TEMPORARY DITCH CHECKS	FOOT	451	
	28000315	AGGREGATE DITCH CHECKS	TON	203	
	28000400	PERIMETER EROSION BARRIER	FOOT	1289	
	28000500	INLET AND PIPE PROTECTION	EACH	14	
	28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	2245	
*	28100105	STONE RIPRAP, CLASS A3	SQ YD	39	
*	28100109	STONE RIPRAP, CLASS A5	SQ YD	963	
	28200200	FILTER FABRIC	SQ YD	1852	
	31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	5444	
*	40200900	AGGREGATE SURFACE COURSE, TYPE B	CU YD	66	
*	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	17506	
*	40600285	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	POUND	4377	
	40701801	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6"	SQ YD	5253	
	42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ YD	36	
	44000100	PAVEMENT REMOVAL	SQ YD	4756	
	44004000	PAVED DITCH REMOVAL	FOOT	602	
	48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	996	
*	50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	
	50105220	PIPE CULVERT REMOVAL	FOOT	111	
	50200100	STRUCTURE EXCAVATION	CU YD	172	
	50300225	CONCRETE STRUCTURES	CU YD	56	
	50300255	CONCRETE SUPERSTRUCTURE	CU YD	225	
	50300260	BRIDGE DECK GROOVING	SQ YD	475	
	50300300	PROTECTIVE COAT	SQ YD	608	
	50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1	
	50500505	STUD SHEAR CONNECTORS	EACH	1020	
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	58330	
	51201800	FURNISHING STEEL PILES HP14X73	FOOT	352	
	51202305	DRIVING PILES	FOOT	352	
	51203800	TEST PILE STEEL HP14X73	EACH	2	
	51204650	PILE SHOES	EACH	10	
	51500100	NAME PLATES	EACH	1	
	52100520	ANCHOR BOLTS, 1"	EACH	20	
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	4	
	54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	

SUMMARY OF QUANTITIES					
SP	ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY	RECORD QUANTITY
	54213870	STEEL END SECTIONS 15"	EACH	6	
	54213873	STEEL END SECTIONS 18"	EACH	2	
*	542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	94	
*	542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	37	
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	270	
	550A0680	STORM SEWERS, CLASS A, TYPE 3 18"	FOOT	144	
	59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	64	
	60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	4	
	60240327	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	EACH	4	
*	60603100	CONCRETE GUTTER TRANSITION	FOOT	48	
	60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	598	
Δ	63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	465	
Δ	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	
Δ	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	
Δ	66500105	WOVEN WIRE FENCE, 4'	FOOT	545	
	67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	4	
	67100100	MOBILIZATION	L SUM	1	
	72000100	SIGN PANEL - TYPE 1	SQ FT	11	
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	24	
Δ	78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	6929	
Δ *	78200410	GUARDRAIL MARKERS, TYPE A	EACH	8	
Δ *	78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	
Δ *	LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	EACH	2	
*	X0327301	RELOCATE EXISTING MAILBOX	EACH	1	
*	X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	113	
*	X6022230	MANHOLES, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	2	
Δ *	X6650202	WOVEN WIRE FENCE REMOVAL	FOOT	545	
*	X7011832	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	EACH	2	
*	X7240300	SIGN REMOVAL	EACH	5	
*	Z0000100	ABANDON EXISTING CULVERT	EACH	1	
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	
*	Z0016702	DETOUR SIGNING	L SUM	1	
*	Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	133	

Δ SPECIALTY ITEMS

DIRECTORY = L:\p06142015\06142015.dwg\cadd_sheets...
 USER NAME = Emily Munday
 License No. 184-000613



MODEL NAME = Sheet 1	DESIGNED - EMM	REVISED -
FILE NAME = 500.dgn	DRAWN - AWH	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED - EJH	REVISED -
PLOT DATE = 9/8/2015 - 11:22:20 AM	DATE - SEPTEMBER 2015	REVISED -

**PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS**

**EDEN ROAD BRIDGE REPLACEMENT
SUMMARY OF QUANTITIES**

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-0014-00-BR	PEORIA	64	3
			CONTRACT NO. 89371	
ILLINOIS FED. AID PROJECT				

PROPOSED DRAINAGE STRUCTURE SCHEDULE					
STRUCTURE NO.	STATION	OFFSET	PAY ITEM DESCRIPTION	RIM ELEV.	STRUCTURE BOTTOM ELEVATION
S-01	221+25.00	25.6' LT	MAN TA 4 DIA SPC F&G	594.43	574.63
S-02	221+75.00	31.6' RT	MAN TA 4 DIA SPC F&G	589.93	577.13
S-03	222+00.00	56.3' LT	PRC FLAR END SEC 18		572.66
S-04	222+50.00	43.9' LT	PRC FLAR END SEC 18		575.72
S-05	229+73.50	25.6' LT	STEEL END SEC 18		590.48
S-06	230+14.80	25.6' LT	STEEL END SEC 18		593.82
S-07	231+41.40	25.6' RT	STEEL END SEC 15		603.87
S-08	231+76.73	25.6' RT	STEEL END SEC 15		606.60
S-09	231+44.00	25.6' LT	STEEL END SEC 15		604.30
S-10	231+80.33	25.6' LT	STEEL END SEC 15		607.09
S-11	232+20.67	25.6' RT	STEEL END SEC 15		609.95
S-12	232+55.97	25.6' RT	STEEL END SEC 15		612.19
S-13	223+82.00	28.0' LT	INLET, TY B, TY 8 F&G	574.67	566.60
S-14	223+82.00	15.0' LT	INLET, TY B, TY 23 F&G	577.42	568.86
S-15	223+82.00	15.0' RT	INLET, TY B, TY 23 F&G	577.42	568.86
S-16	223+82.00	28.0' RT	INLET, TY B, TY 8 F&G	574.67	566.60
S-17	224+45.00	28.0' LT	PRC FLAR END SEC 12		565.00
S-18	225+07.00	28.0' LT	PRC FLAR END SEC 12		565.00
S-19	224+44.00	28.0' RT	PRC FLAR END SEC 12		565.00
S-20	225+08.00	28.0' RT	PRC FLAR END SEC 12		565.00
S-21	225+67.00	28.0' LT	INLET, TY B, TY 8 F&G	570.16	565.72
S-22	225+67.00	15.0' LT	INLET, TY B, TY 23 F&G	572.92	567.42
S-23	225+67.00	15.0' RT	INLET, TY B, TY 23 F&G	572.92	567.42
S-24	225+67.00	28.0' RT	INLET, TY B, TY 8 F&G	570.16	565.72

PAVED DITCH REMOVAL				
STATION	TO	STATION	O/S	PAVED DITCH REMOVAL 44004000 FOOT
221+06		221+95	LT	93.0
221+19		22+50	RT	133.0
227+66		231+37	RT	376.0
TOTAL:				602.0

WOVEN WIRE FENCE SCHEDULE						
STATION	OFFSET		STATION	OFFSET	WOVEN WIRE FENCE REMOVAL	WOVEN WIRE FENCE, 4'
					X6650202 FOOT	66500105 FOOT
218+30	79' LT	TO	219+90	73' LT	160.0	160.0
225+48	55' LT	TO	227+50	45' LT	202.0	202.0
226+02	41' RT	TO	227+85	41' RT	183.0	183.0
TOTAL:					545.0	545.0

- NOTES:
1. END SECTION STATIONS, OFFSETS, AND ELEVATIONS ARE GIVEN AT THE CENTER OF TOE.
2. MANHOLE AND INLET STATIONS AND OFFSETS ARE GIVEN AT THE CENTER OF STRUCTURE. RIM ELEVATIONS ARE GIVEN AT THE CENTER OF GRATE OR AT THE GUTTER FLOW LINE ELEVATION FOR IN CURB STRUCTURES.
3. ALL MANHOLES AND INLETS SHALL HAVE PRECAST REINFORCED FLAT SLAB TOPS PER IDOT STD. 602601-03.

PROPOSED DRAINAGE PIPE SCHEDULE								
PIPE NO.	UPSTREAM STRUCTURE		DOWNSTREAM STRUCTURE		LENGTH	SLOPE	DIAMETER	TYPE
	NO.	INVERT	NO.	INVERT				
P-01	S-01	574.63	S-03	572.66	74.0'	2.6%	18"	RCP, STORM CL A, TYPE 3
P-02	S-02	577.13	S-04	575.72	70.0'	2.0%	18"	RCP, STORM CL A, TYPE 3
P-03	S-06	593.82	S-05	590.48	37.0'	8.1%	18"	P CUL CL C, TYPE 1
P-04	S-08	606.60	S-07	603.87	31.0'	7.7%	15"	P CUL CL C, TYPE 1
P-05	S-10	607.09	S-09	604.30	32.0'	7.7%	15"	P CUL CL C, TYPE 1
P-06	S-12	612.19	S-11	609.95	31.0'	6.3%	15"	P CUL CL C, TYPE 1
P-07	S-14	568.86	S-13	568.60	13.0'	2.0%	12"	RCP, STORM CL A, TYPE 2
P-08	S-15	568.86	S-16	568.60	13.0'	2.0%	12"	RCP, STORM CL A, TYPE 2
P-09	S-13	566.60	S-17	565.20	57.0'	2.5%	12"	RCP, STORM CL A, TYPE 2
P-10	S-16	566.60	S-19	565.20	56.0'	2.5%	12"	RCP, STORM CL A, TYPE 2
P-11	S-22	567.42	S-21	567.16	13.0'	2.0%	12"	RCP, STORM CL A, TYPE 2
P-12	S-23	567.42	S-24	567.16	13.0'	2.0%	12"	RCP, STORM CL A, TYPE 2
P-13	S-21	565.72	S-18	565.20	53.0'	1.0%	12"	RCP, STORM CL A, TYPE 2
P-14	S-24	565.72	S-20	565.20	52.0'	1.0%	12"	RCP, STORM CL A, TYPE 2

CONCRETE CURB AND GUTTER SCHEDULE						
STATION	OFFSET		STATION	OFFSET	CONCRETE GUTTER	CCC&G, TYPE B-6.18
					60603100 FOOT	60604400 FOOT
221+88	12.0' RT	TO	222+00	13.5' RT	12.0	
221+88	12.0' LT	TO	222+00	13.5' LT	12.0	
222+00	13.5' RT	TO	223+99	13.5' RT		199.0
222+00	13.5' LT	TO	223+99	13.5' LT		199.0
225+50	13.5' RT	TO	226+50	13.5' RT		100.0
225+50	13.5' LT	TO	226+50	13.5' LT		100.0
226+50	13.5' LT	TO	226+62	12.0' LT	12.0	
226+50	13.5' RT	TO	226+62	12.0' RT	12.0	
TOTAL:					48.0	598.0

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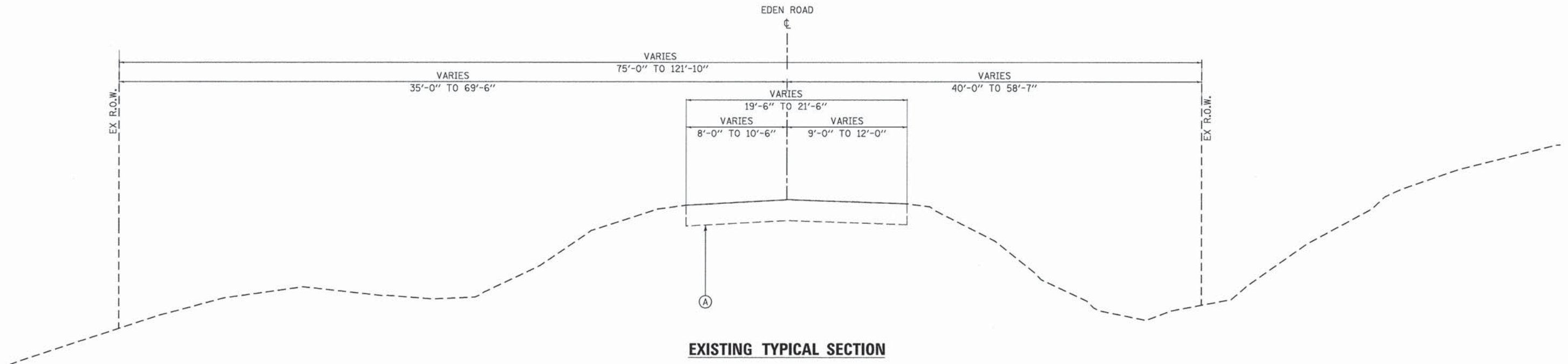
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DRAWN - AWH
CHECKED - EJH
DATE - SEPTEMBER 2015

PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS

EDEN ROAD BRIDGE REPLACEMENT
QUANTITY SCHEDULES

SCALE: NA SHEET 2 OF 2 SHEETS STA. TO STA.

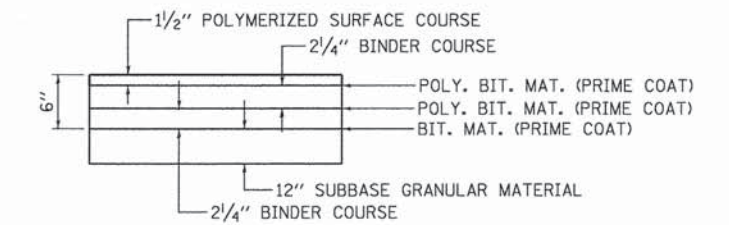
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	5
				CONTRACT NO. 89371
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION

STA. 213+00 TO STA. 233+80 (ENTIRE PROJECT)

SEE TYPICAL SECTION SHEET 5 OF 5
FOR BRIDGE SECTION



DETAIL A

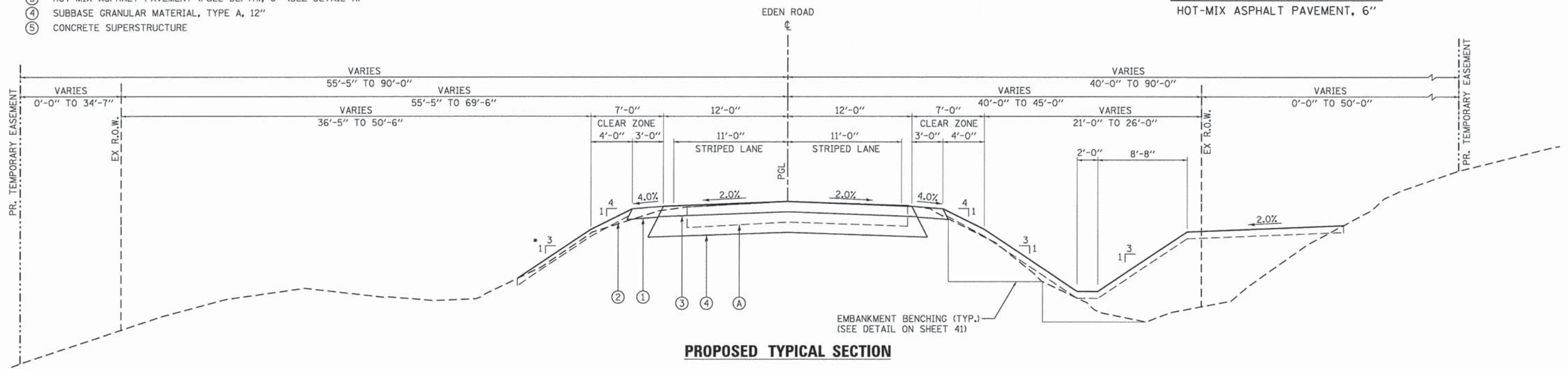
HOT-MIX ASPHALT PAVEMENT, 6"

EXISTING MATERIALS

- Ⓐ EXISTING ASPHALT PAVEMENT WITH AGGREGATE BASE

PROPOSED MATERIALS

- ① AGGREGATE SHOULDERS, TYPE A, 6"
- ② TOPSOIL, FURNISH AND PLACE, 4"
- ③ HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 6" (SEE DETAIL A)
- ④ SUBBASE GRANULAR MATERIAL, TYPE A, 12"
- ⑤ CONCRETE SUPERSTRUCTURE



PROPOSED TYPICAL SECTION

STA. 213+00 TO STA. 216+00

* LT SLOPE TRANSITIONS 1:3 TO 1:2, STA. 214+50 TO 215+00
LT SLOPE TRANSITIONS 1:2 TO 1:3, STA. 215+25 TO 215+75

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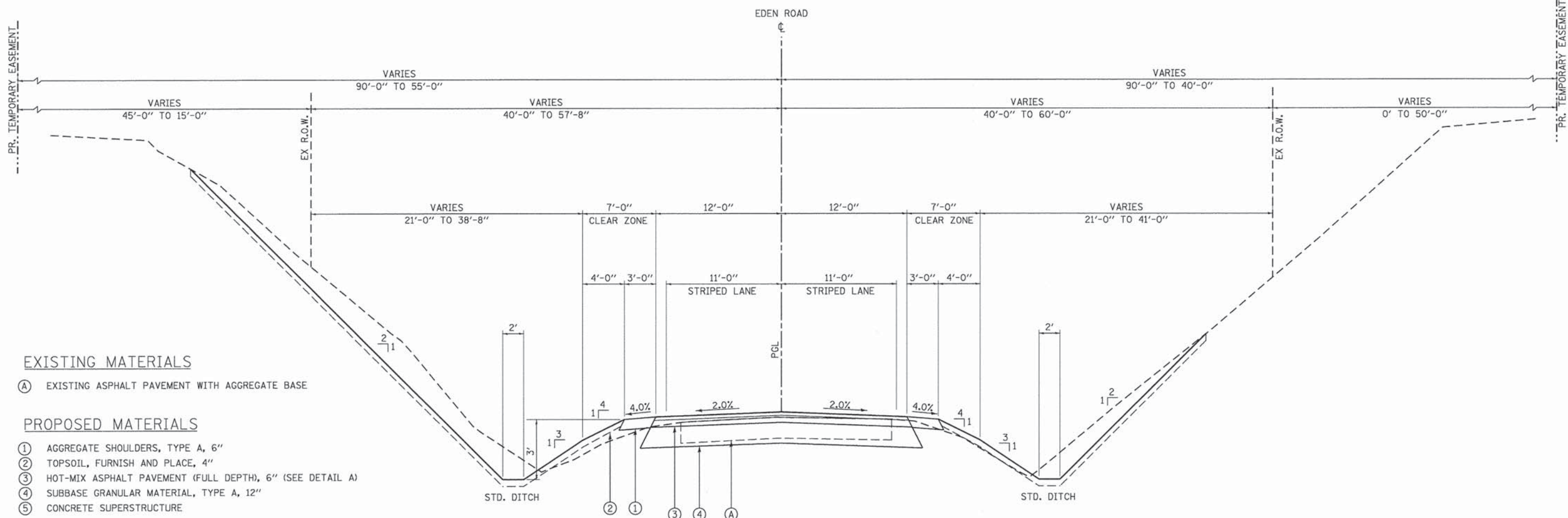
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PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS

TYPICAL SECTIONS
EDEN ROAD

SCALE: 1" = 5' SHEET 1 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	6
			CONTRACT NO. 89371	
ILLINOIS FED. AID PROJECT				

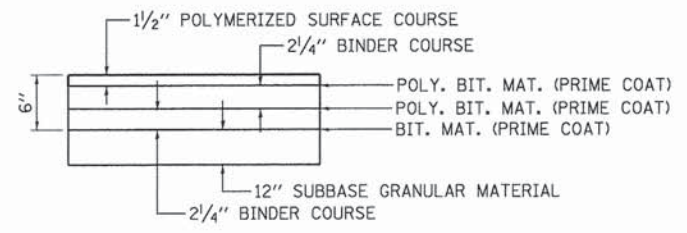


EXISTING MATERIALS

- (A) EXISTING ASPHALT PAVEMENT WITH AGGREGATE BASE

PROPOSED MATERIALS

- (1) AGGREGATE SHOULDERS, TYPE A, 6"
- (2) TOPSOIL, FURNISH AND PLACE, 4"
- (3) HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 6" (SEE DETAIL A)
- (4) SUBBASE GRANULAR MATERIAL, TYPE A, 12"
- (5) CONCRETE SUPERSTRUCTURE



DETAIL A

HOT-MIX ASPHALT PAVEMENT, 6"

PROPOSED TYPICAL SECTION

STA. 216 + 00 TO STA. 221 + 25
 STA. 228 + 00 TO STA. 233 + 80

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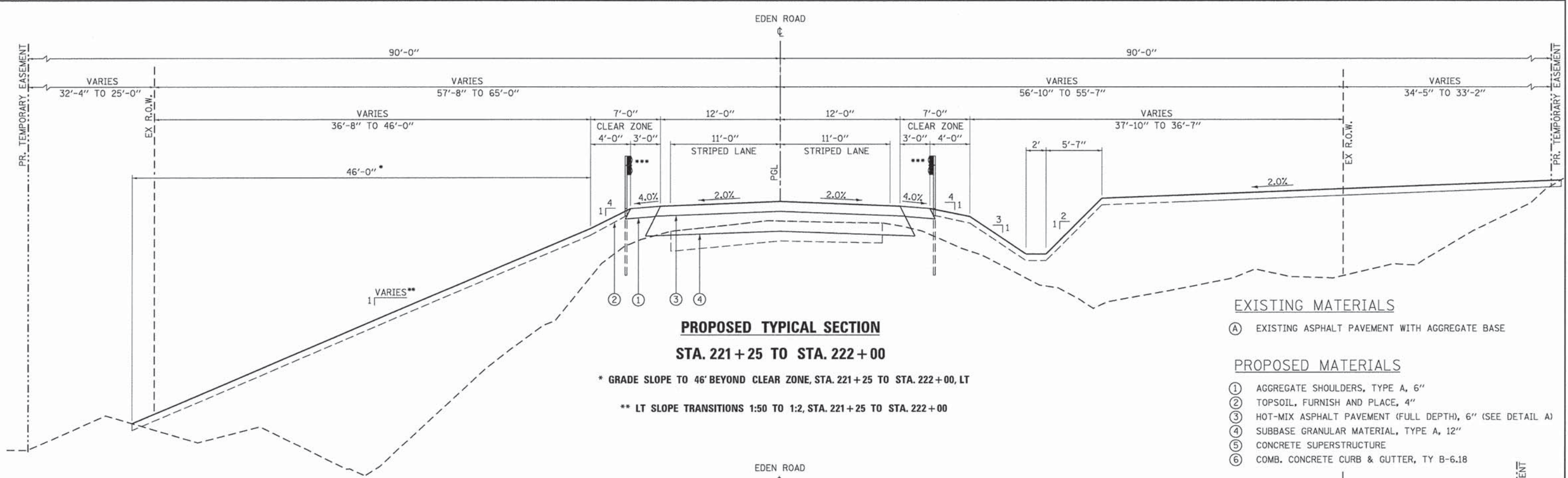


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PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS

TYPICAL SECTIONS			
EDEN ROAD			
SCALE: 1" = 5'	SHEET 2	OF 5 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	7
CONTRACT NO. 89371				
ILLINOIS FED. AID PROJECT				

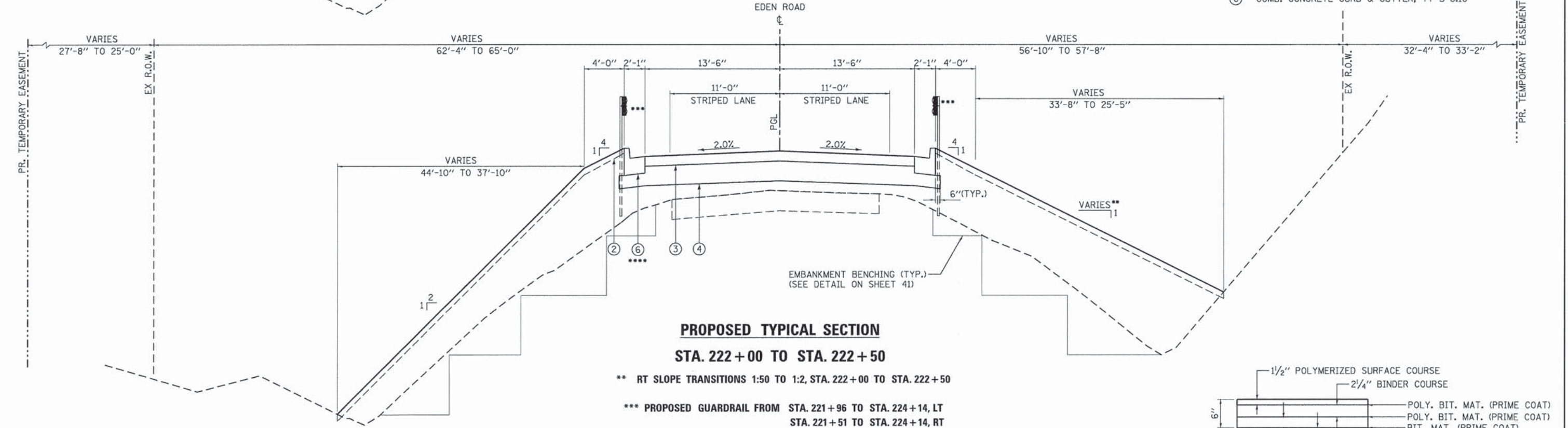


PROPOSED TYPICAL SECTION
STA. 221 + 25 TO STA. 222 + 00

* GRADE SLOPE TO 46' BEYOND CLEAR ZONE, STA. 221+25 TO STA. 222+00, LT
 ** LT SLOPE TRANSITIONS 1:50 TO 1:2, STA. 221+25 TO STA. 222+00

EXISTING MATERIALS
 (A) EXISTING ASPHALT PAVEMENT WITH AGGREGATE BASE

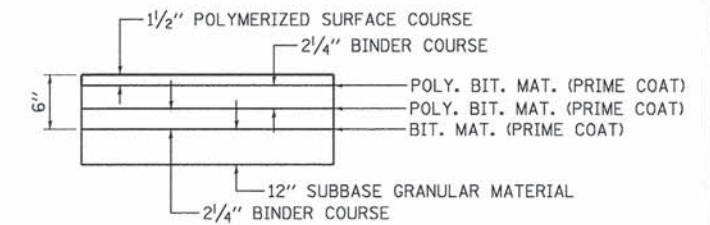
- PROPOSED MATERIALS
- ① AGGREGATE SHOULDERS, TYPE A, 6"
 - ② TOPSOIL, FURNISH AND PLACE, 4"
 - ③ HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 6" (SEE DETAIL A)
 - ④ SUBBASE GRANULAR MATERIAL, TYPE A, 12"
 - ⑤ CONCRETE SUPERSTRUCTURE
 - ⑥ COMB. CONCRETE CURB & GUTTER, TY B-6.18



PROPOSED TYPICAL SECTION
STA. 222 + 00 TO STA. 222 + 50

** RT SLOPE TRANSITIONS 1:50 TO 1:2, STA. 222+00 TO STA. 222+50
 *** PROPOSED GUARDRAIL FROM STA. 221+96 TO STA. 224+14, LT
 STA. 221+51 TO STA. 224+14, RT

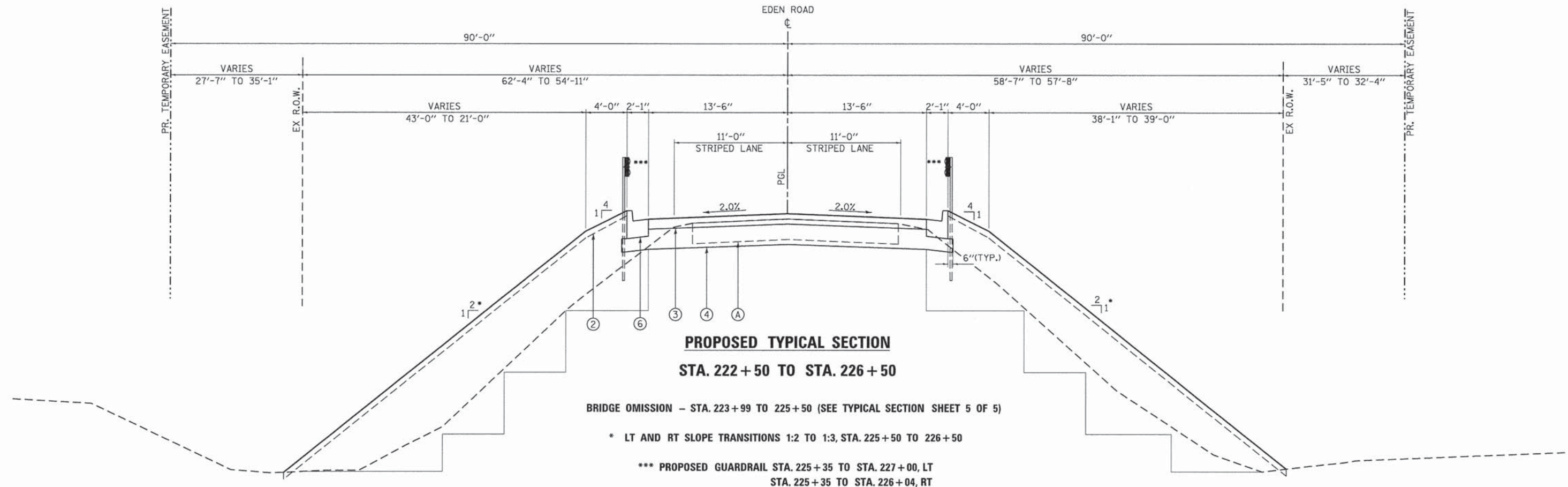
**** PROPOSED COMB. CONCRETE CURB & GUTTER FROM STA. 222+00 TO STA. 223+93, LT & RT



DETAIL A
 HOT-MIX ASPHALT PAVEMENT, 6"

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 89371				
ILLINOIS FED. AID PROJECT				

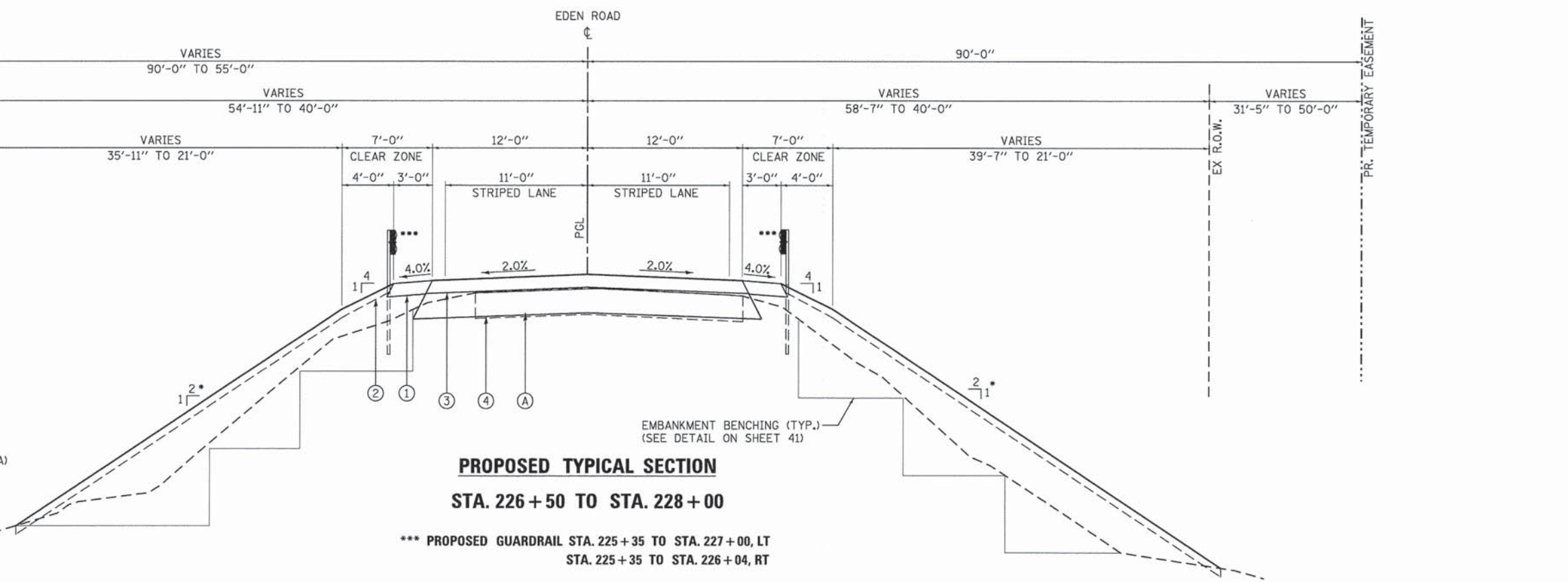


EXISTING MATERIALS

- (A) EXISTING ASPHALT PAVEMENT WITH AGGREGATE BASE

PROPOSED MATERIALS

- (1) AGGREGATE SHOULDERS, TYPE A, 6"
- (2) TOPSOIL, FURNISH AND PLACE, 4"
- (3) HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 6" (SEE DETAIL A)
- (4) SUBBASE GRANULAR MATERIAL, TYPE A, 12"
- (5) CONCRETE SUPERSTRUCTURE
- (6) COMB. CONCRETE CURB & GUTTER, TY B-6.18



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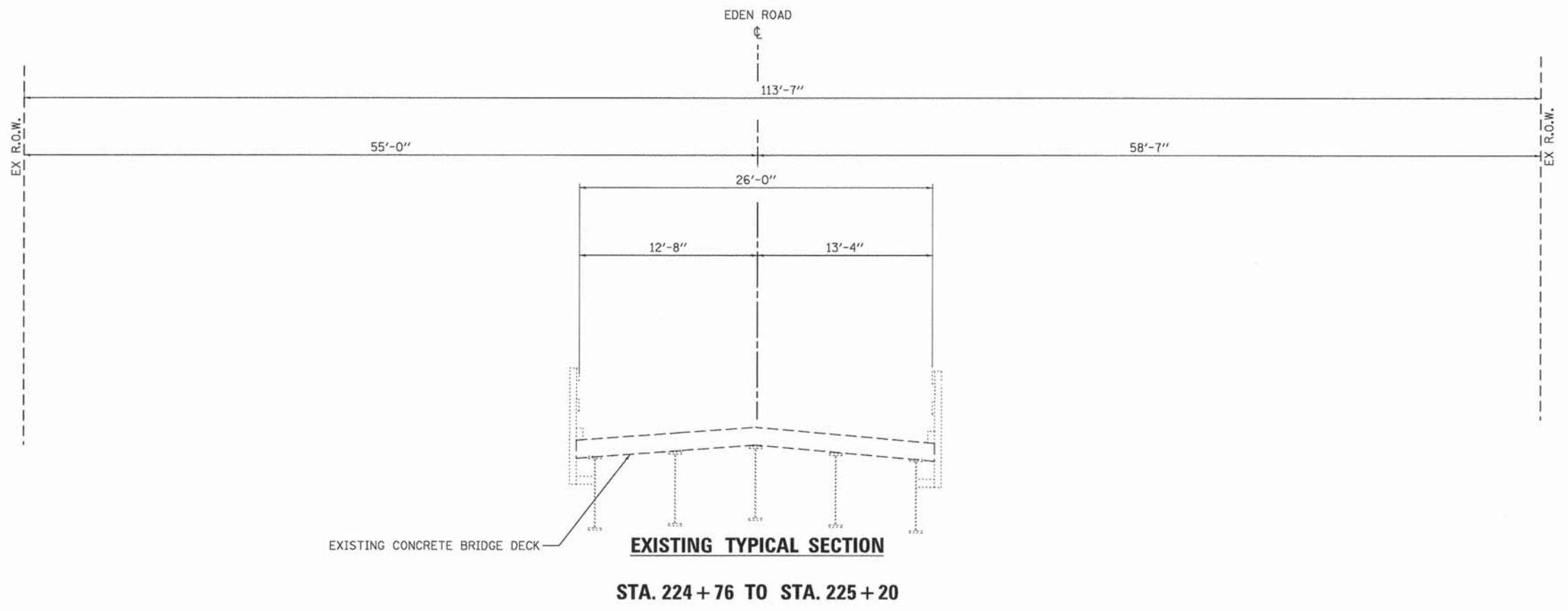


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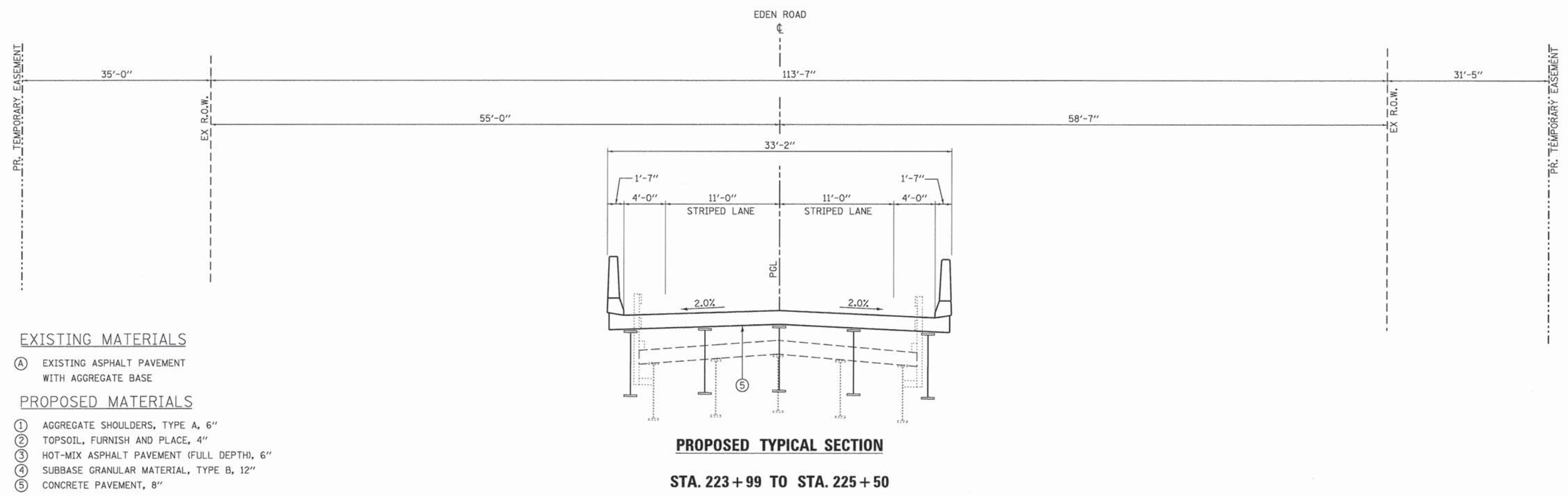
PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS

TYPICAL SECTIONS	
EDEN ROAD	
SCALE: 1" = 5'	SHEET 4 OF 5 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	9
CONTRACT NO. 89371				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION
STA. 224 + 76 TO STA. 225 + 20



PROPOSED TYPICAL SECTION
STA. 223 + 99 TO STA. 225 + 50

EXISTING MATERIALS

- (A) EXISTING ASPHALT PAVEMENT WITH AGGREGATE BASE

PROPOSED MATERIALS

- (1) AGGREGATE SHOULDERS, TYPE A, 6"
- (2) TOPSOIL, FURNISH AND PLACE, 4"
- (3) HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 6"
- (4) SUBBASE GRANULAR MATERIAL, TYPE B, 12"
- (5) CONCRETE PAVEMENT, 8"

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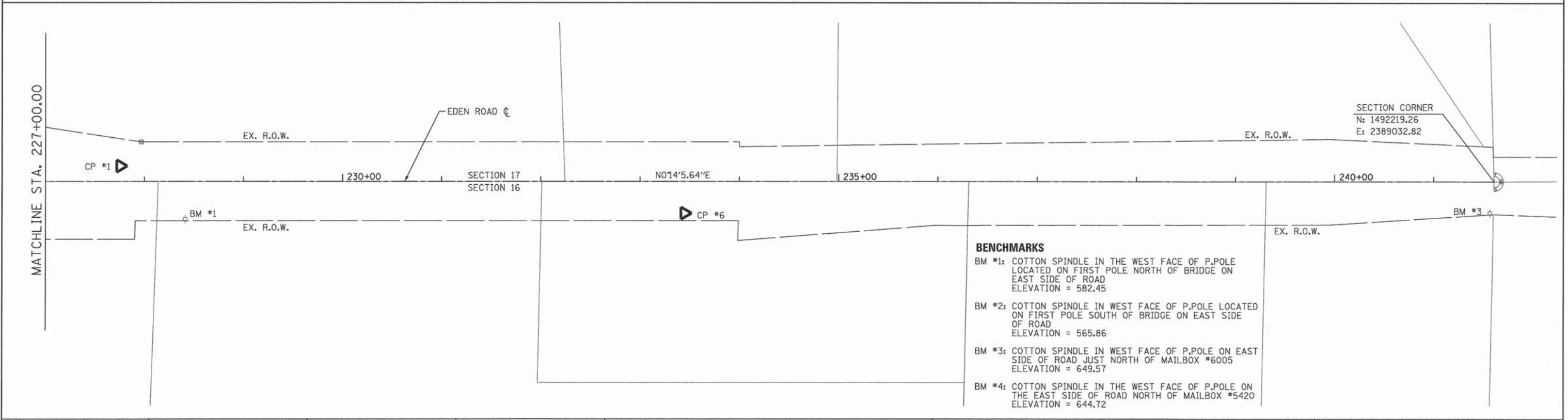
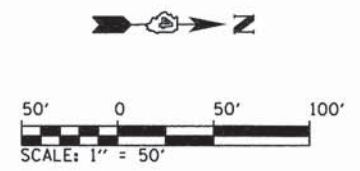
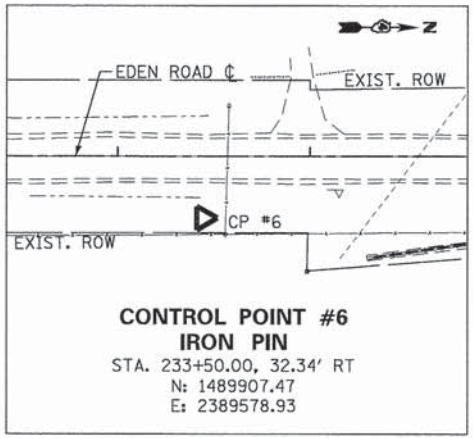
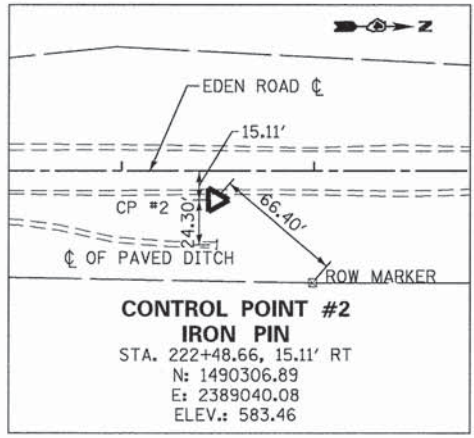
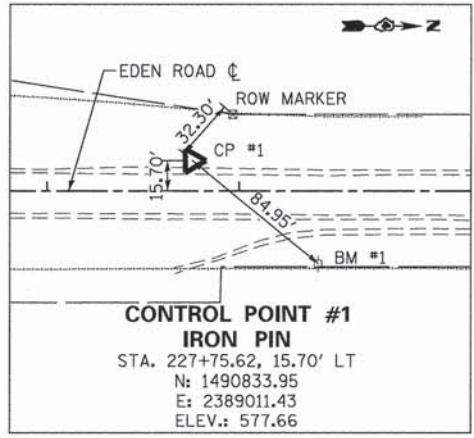
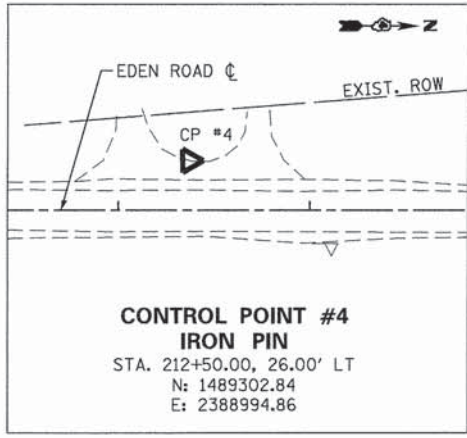
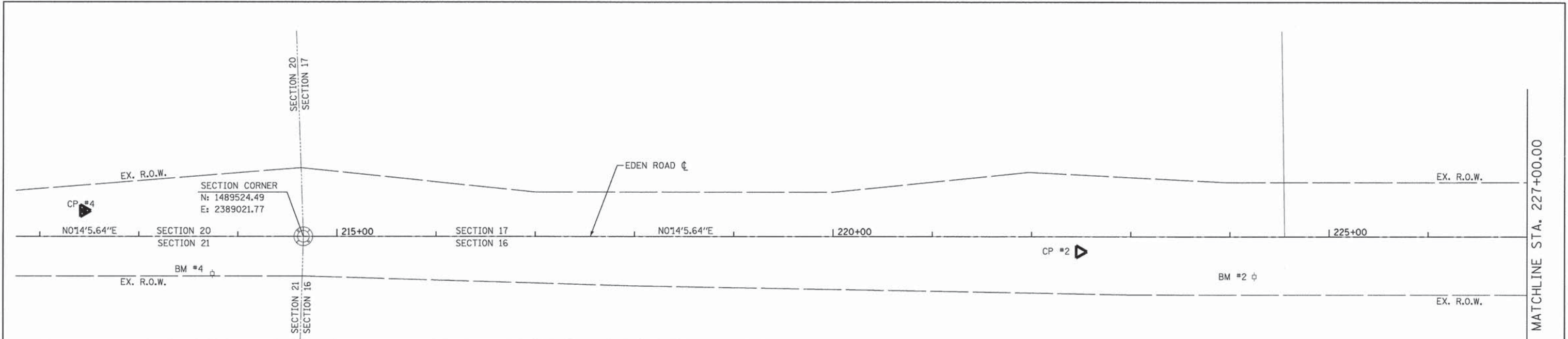


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PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS

TYPICAL SECTIONS			
EDEN ROAD			
SCALE: 1" = 5'	SHEET 5	OF 5 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	10
			CONTRACT NO. 89371	
ILLINOIS FED. AID PROJECT				

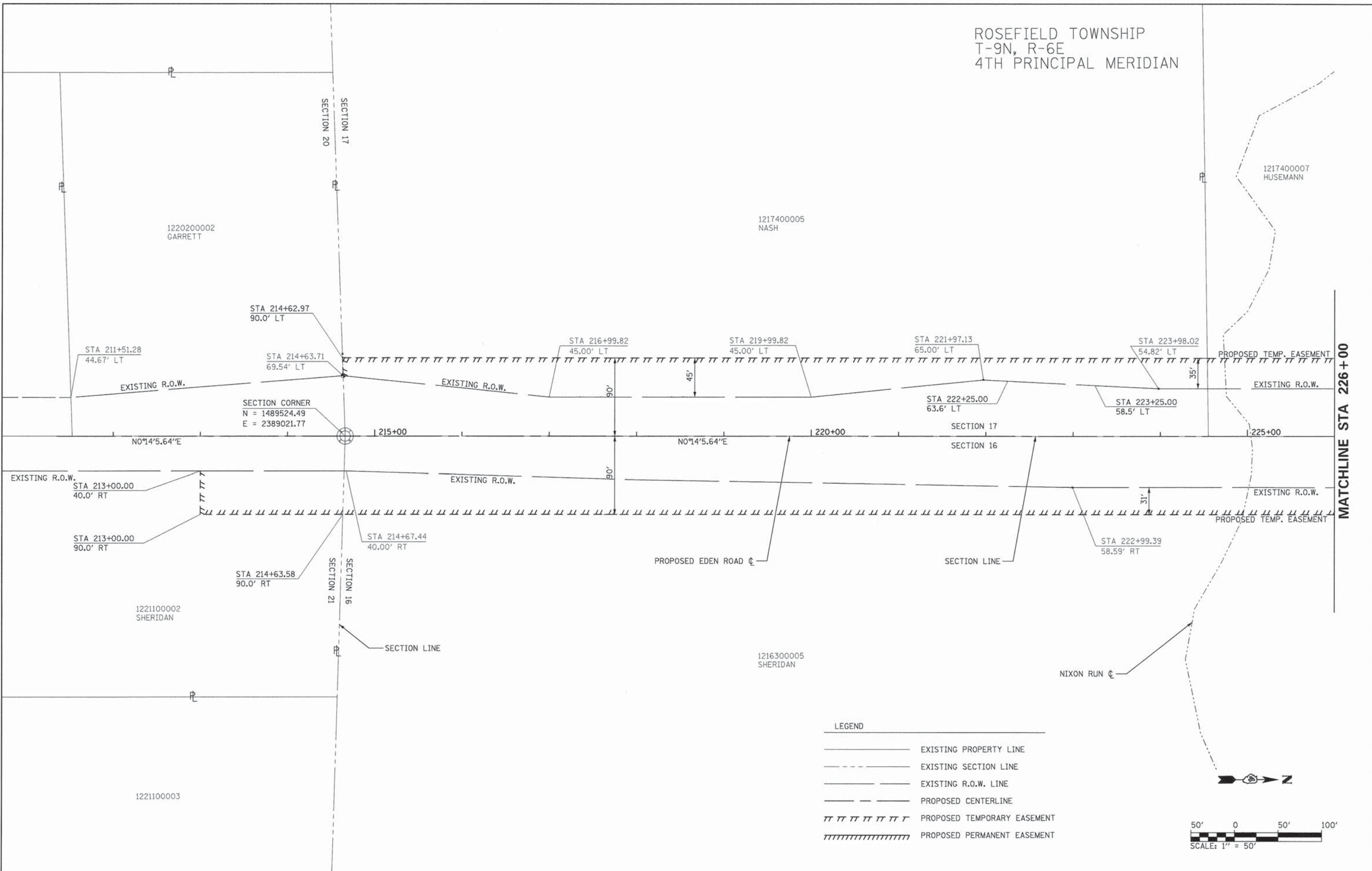


- BENCHMARKS**
- BM #1: COTTON SPINDLE IN THE WEST FACE OF P.POLE LOCATED ON FIRST POLE NORTH OF BRIDGE ON EAST SIDE OF ROAD
ELEVATION = 582.45
 - BM #2: COTTON SPINDLE IN WEST FACE OF P.POLE LOCATED ON FIRST POLE SOUTH OF BRIDGE ON EAST SIDE OF ROAD
ELEVATION = 565.86
 - BM #3: COTTON SPINDLE IN WEST FACE OF P.POLE ON EAST SIDE OF ROAD JUST NORTH OF MAILBOX #6005
ELEVATION = 649.57
 - BM #4: COTTON SPINDLE IN THE WEST FACE OF P.POLE ON THE EAST SIDE OF ROAD NORTH OF MAILBOX #5420
ELEVATION = 644.72

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SCALE: 1" = 50' SHEET 1 OF 1 SHEETS STA. TO STA.												

ROSEFIELD TOWNSHIP
T-9N, R-6E
4TH PRINCIPAL MERIDIAN



LEGEND

- EXISTING PROPERTY LINE
- - - - - EXISTING SECTION LINE
- EXISTING R.O.W. LINE
- PROPOSED CENTERLINE
- ||||| PROPOSED TEMPORARY EASEMENT
- //////////////////// PROPOSED PERMANENT EASEMENT



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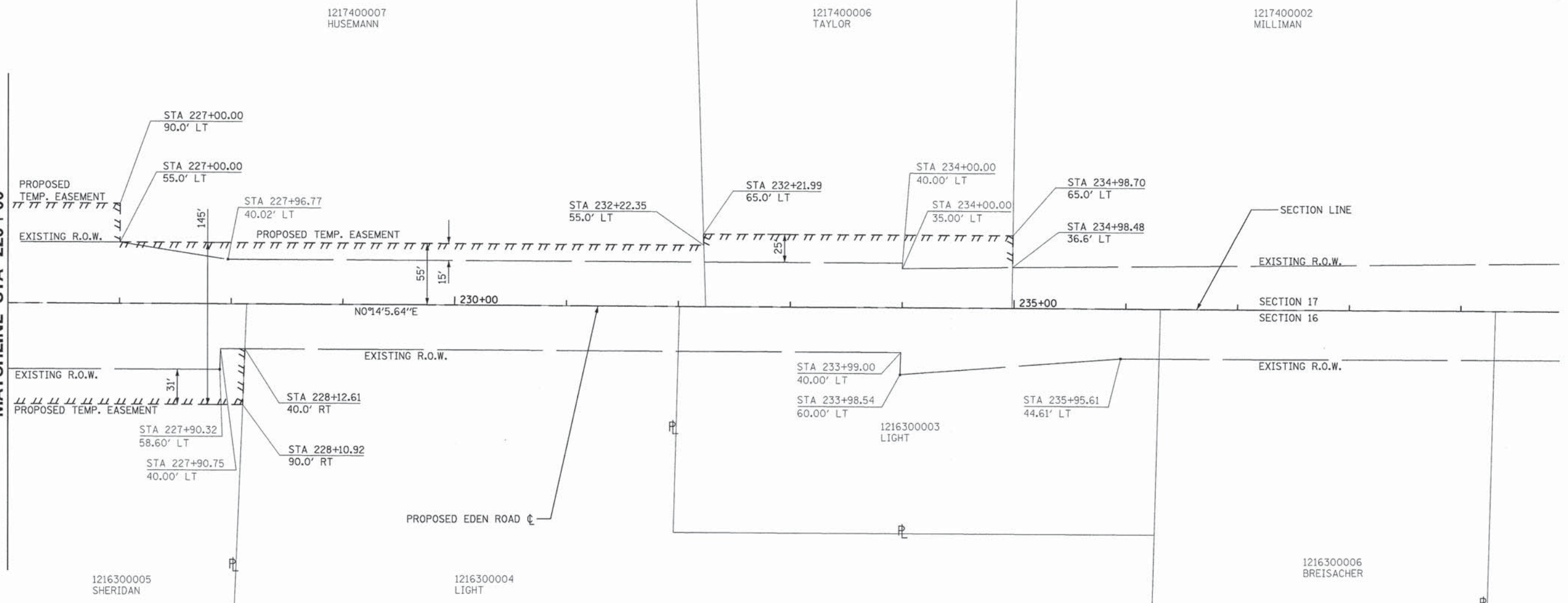
**PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS**

EDEN ROAD BRIDGE REPLACEMENT R.O.W. MAP			
SCALE: 1" = 50'	SHEET 1	OF 2 SHEETS	STA. 213+00 TO STA. 226+00

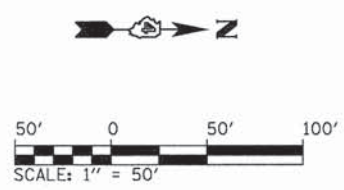
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CONTRACT NO. 89371				
ILLINOIS FED. AID PROJECT				

ROSEFIELD TOWNSHIP
T-9N, R-6E
4TH PRINCIPAL MERIDIAN

MATCHLINE STA 226+00



- LEGEND**
- EXISTING PROPERTY LINE
 - - - - - EXISTING SECTION LINE
 - EXISTING R.O.W. LINE
 - PROPOSED CENTERLINE
 - ||||| PROPOSED TEMPORARY EASEMENT
 - ////////// PROPOSED PERMANENT EASEMENT



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**PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS**

EDEN ROAD BRIDGE REPLACEMENT R.O.W. MAP	
SCALE: 1" = 50'	SHEET 2 OF 2 SHEETS
STA. 226+00	TO STA. 237+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	13
CONTRACT NO. 89371			ILLINOIS FED. AID PROJECT	

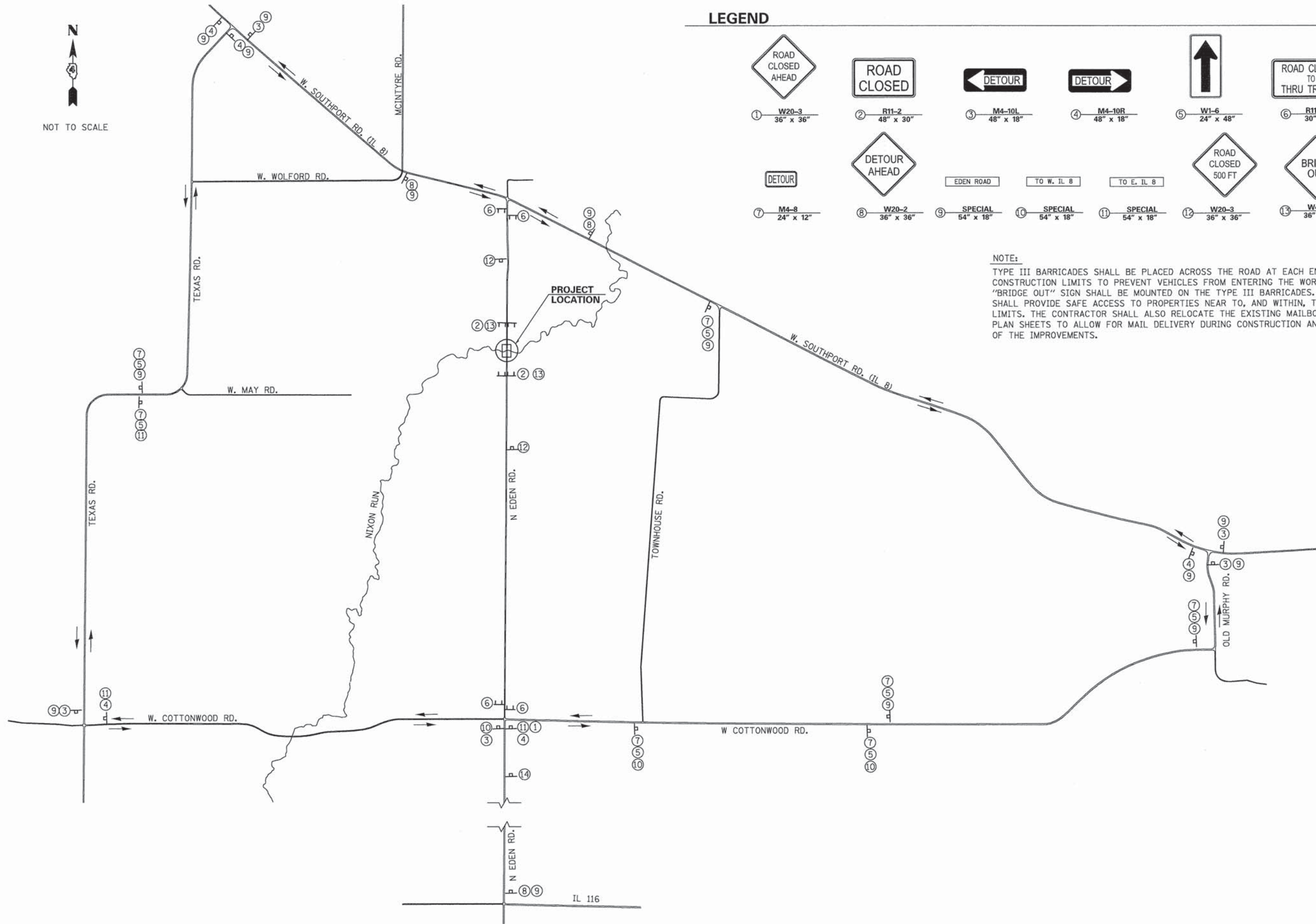


LEGEND

① W20-3 36" x 36"	② R11-2 48" x 30"	③ M4-10L 48" x 18"	④ M4-10R 48" x 18"	⑤ W1-6 24" x 48"	⑥ R11-4 30" x 60"
⑦ M4-8 24" x 12"	⑧ W20-2 36" x 36"	⑨ SPECIAL 54" x 18"	⑩ SPECIAL 54" x 18"	⑪ SPECIAL 54" x 18"	⑫ W20-3 36" x 36"
					⑬ W42-3 36" x 36"
					⑭ W20-2 36" x 36"

NOTE:

TYPE III BARRICADES SHALL BE PLACED ACROSS THE ROAD AT EACH END OF THE BRIDGE CONSTRUCTION LIMITS TO PREVENT VEHICLES FROM ENTERING THE WORK ZONE. THE "BRIDGE OUT" SIGN SHALL BE MOUNTED ON THE TYPE III BARRICADES. THE CONTRACTOR SHALL PROVIDE SAFE ACCESS TO PROPERTIES NEAR TO, AND WITHIN, THE CONSTRUCTION LIMITS. THE CONTRACTOR SHALL ALSO RELOCATE THE EXISTING MAILBOXES NOTED ON THE PLAN SHEETS TO ALLOW FOR MAIL DELIVERY DURING CONSTRUCTION AND UPON COMPLETION OF THE IMPROVEMENTS.



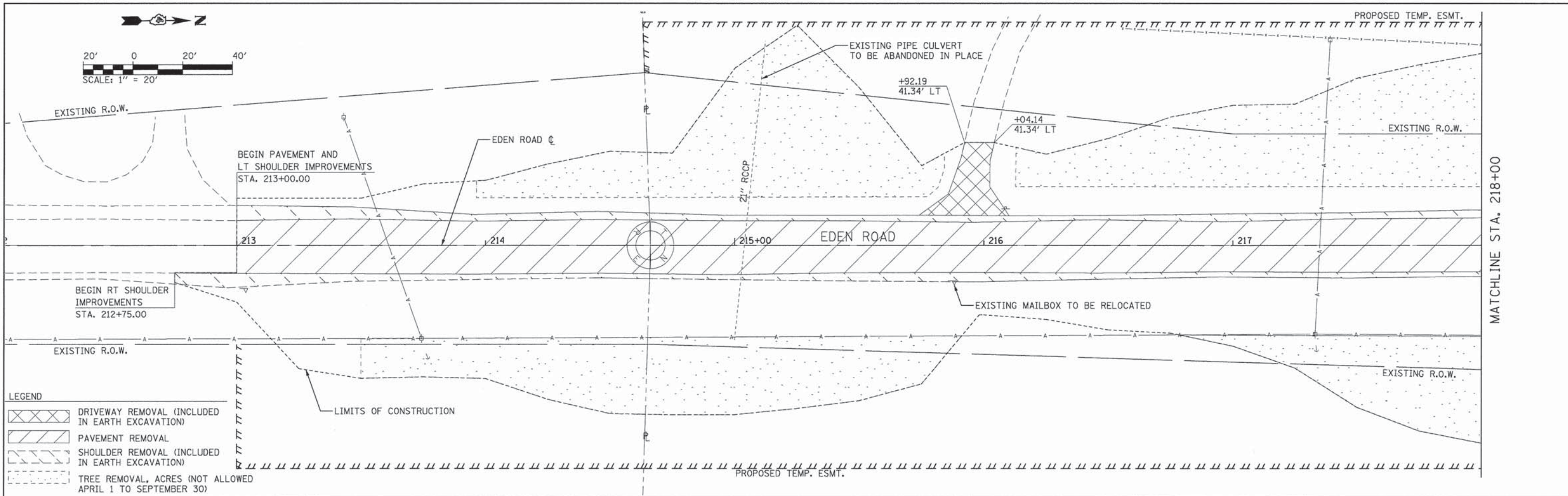
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**PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS**

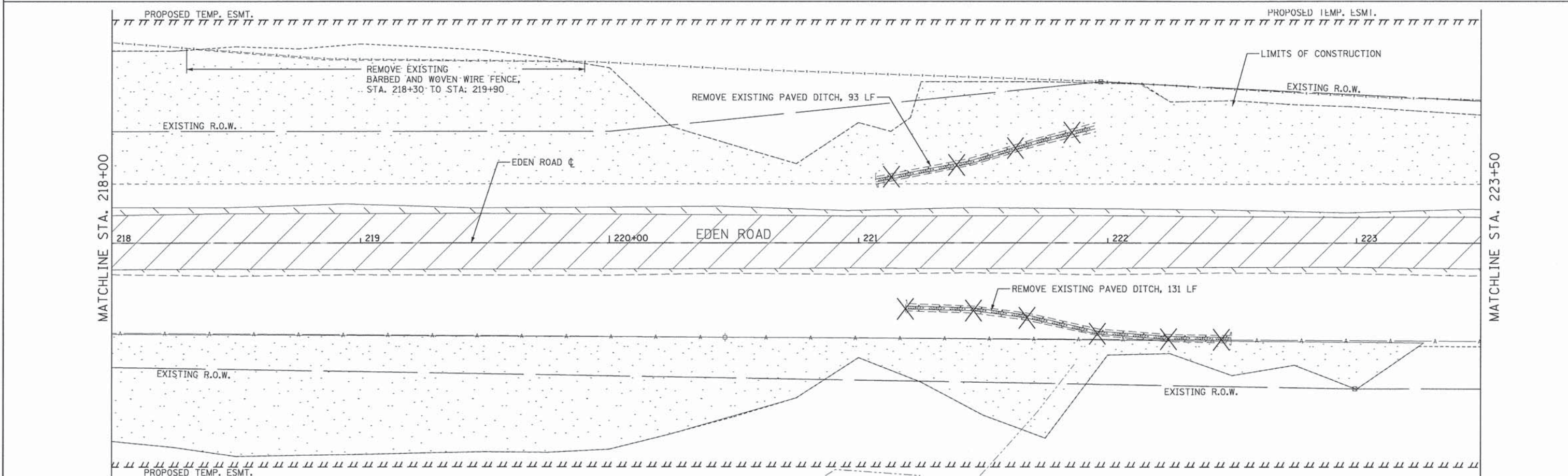
EDEN ROAD BRIDGE REPLACEMENT DETOUR PLAN			
SCALE: NTS	SHEET 1 OF 1 SHEETS	STA. TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	14
CONTRACT NO. 89371			[ILLINOIS] FED. AID PROJECT	



LEGEND

	DRIVEWAY REMOVAL (INCLUDED IN EARTH EXCAVATION)
	PAVEMENT REMOVAL
	SHOULDER REMOVAL (INCLUDED IN EARTH EXCAVATION)
	TREE REMOVAL, ACRES (NOT ALLOWED APRIL 1 TO SEPTEMBER 30)



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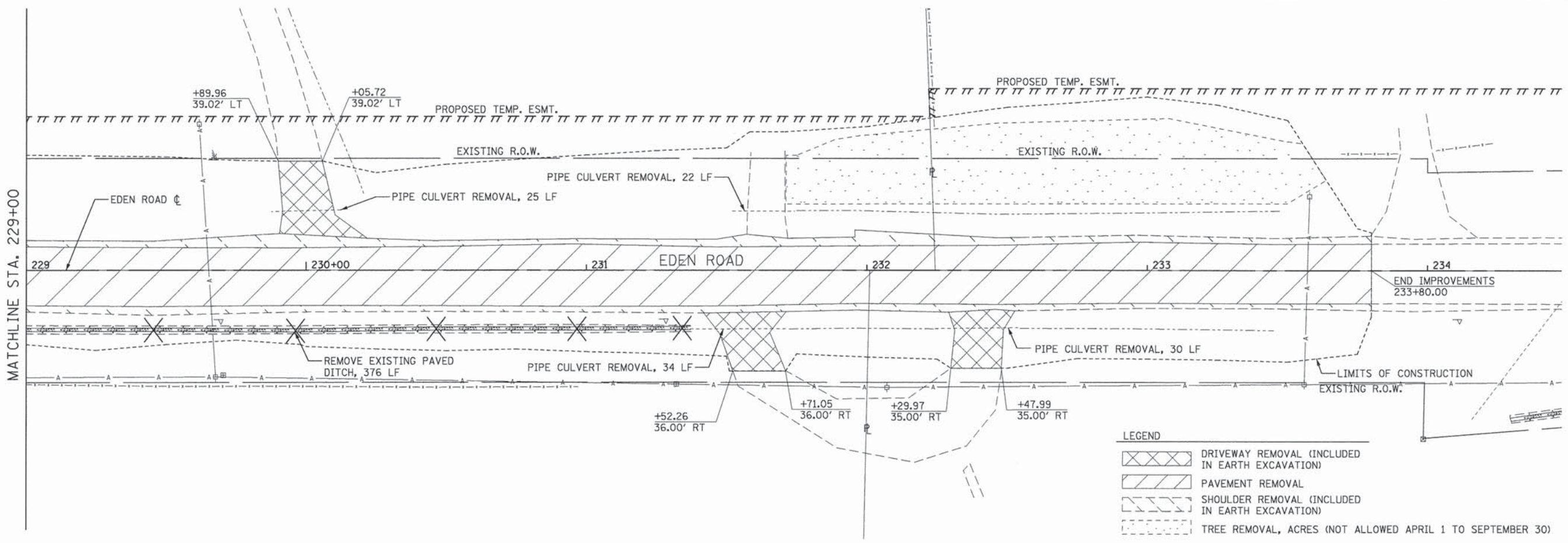
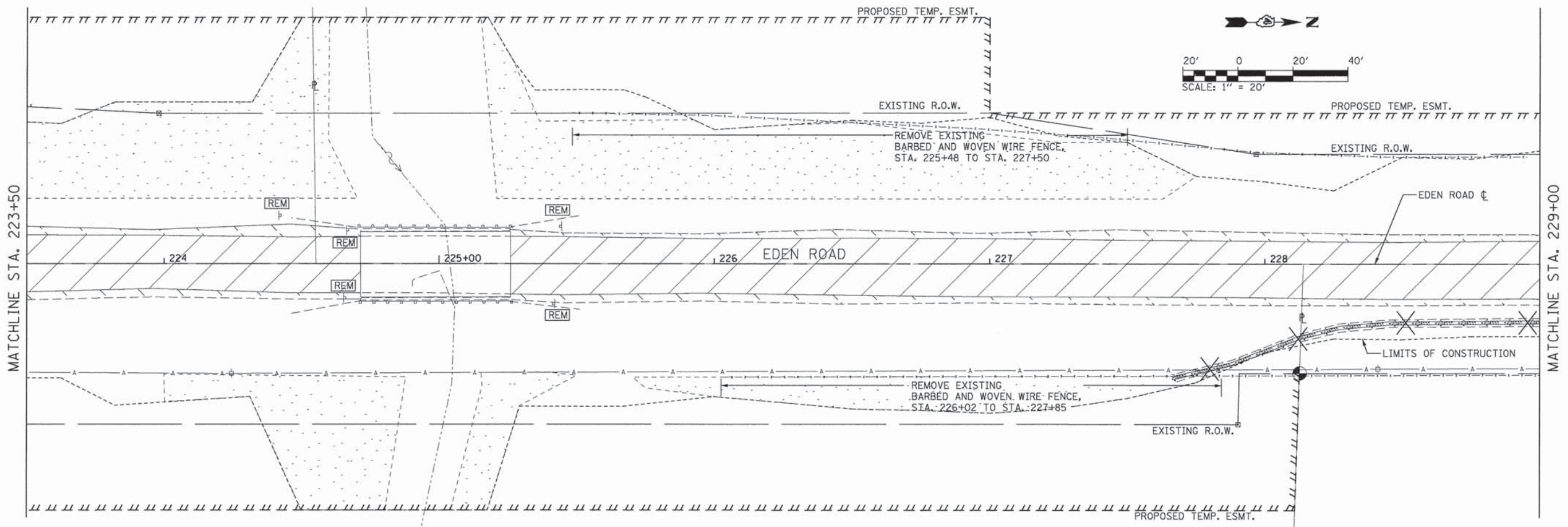


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PLOT DATE = 9/8/2015 - 11:22:27 AM	DATE - SEPTEMBER 2015	REVISED -

**PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS**

EDEN ROAD BRIDGE REPLACEMENT REMOVAL PLAN			
SCALE: 1" = 20'	SHEET 1	OF 2 SHEETS	STA. 213+00 TO STA. 223+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-0014-00-BR	PEORIA	64	15
			CONTRACT NO. 89371	
[ILLINOIS] FED. AID PROJECT				



LEGEND

	DRIVEWAY REMOVAL (INCLUDED IN EARTH EXCAVATION)
	PAVEMENT REMOVAL
	SHOULDER REMOVAL (INCLUDED IN EARTH EXCAVATION)
	TREE REMOVAL, ACRES (NOT ALLOWED APRIL 1 TO SEPTEMBER 30)

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 = Em11j Murchy



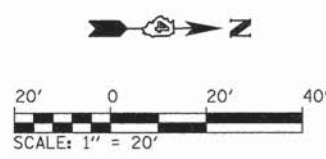
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PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS

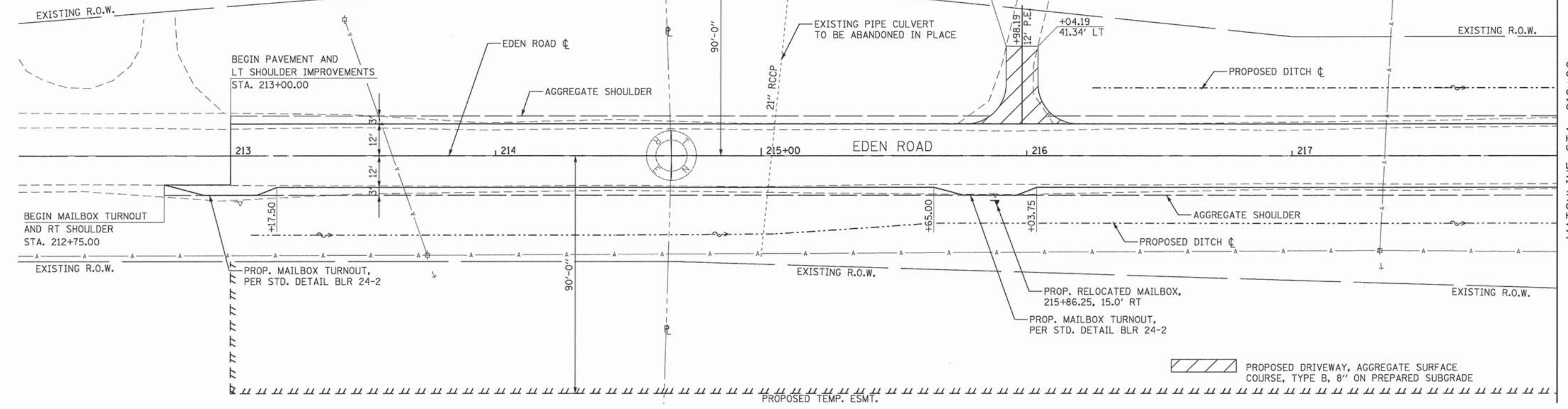
EDEN ROAD BRIDGE REPLACEMENT
REMOVAL PLAN

SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. 223+50 TO STA. 234+00

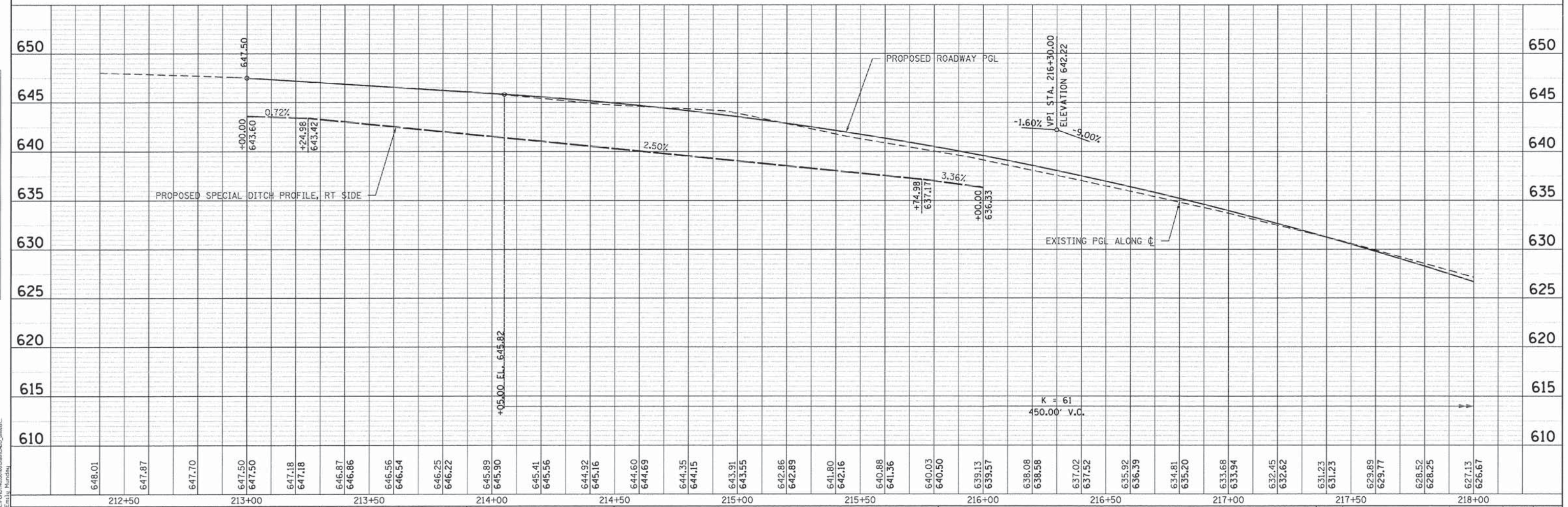
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	06-00014-00-BR	PEORIA	64	16
			CONTRACT NO.	89371
ILLINOIS FED. AID PROJECT				



DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
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REVISIONS	
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DESCRIPTION	

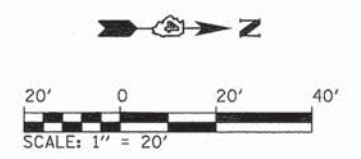
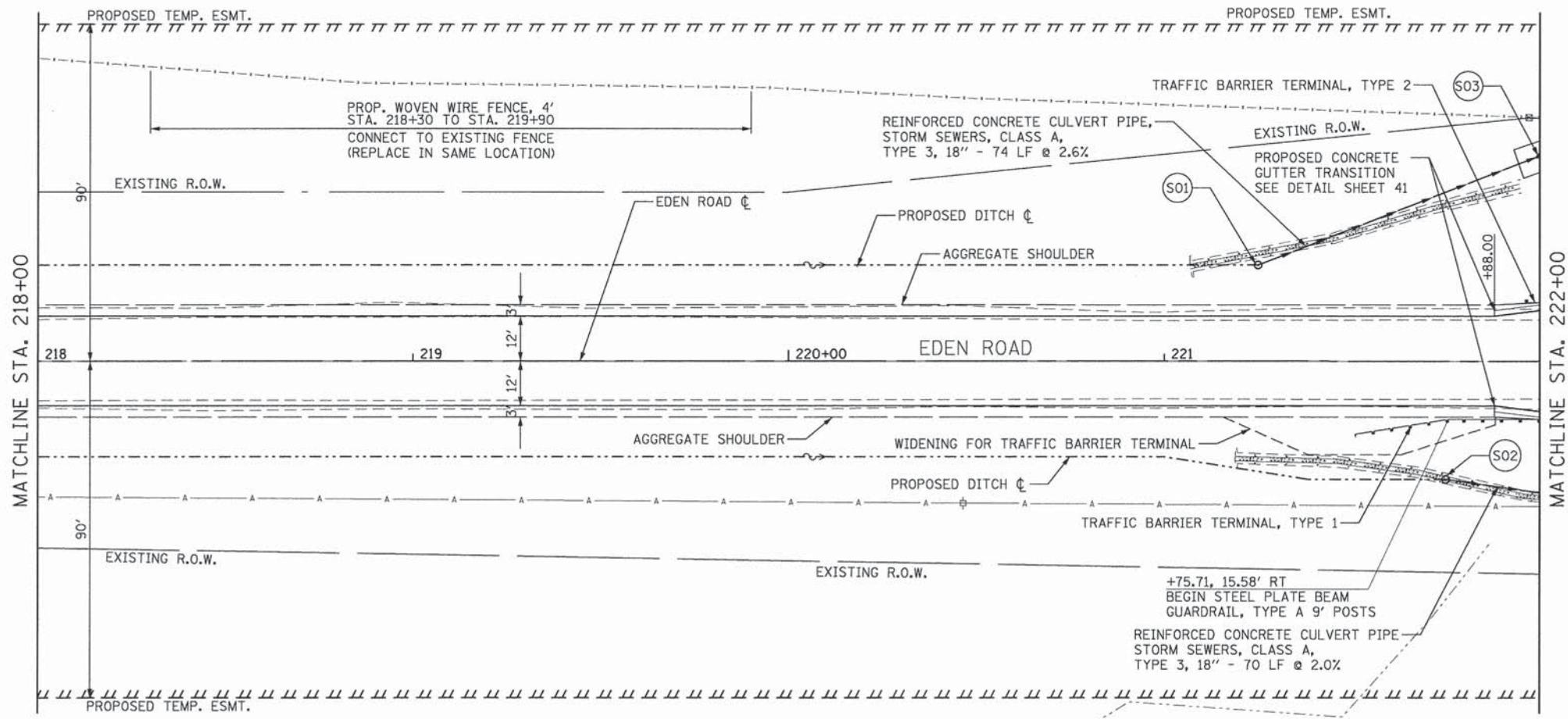


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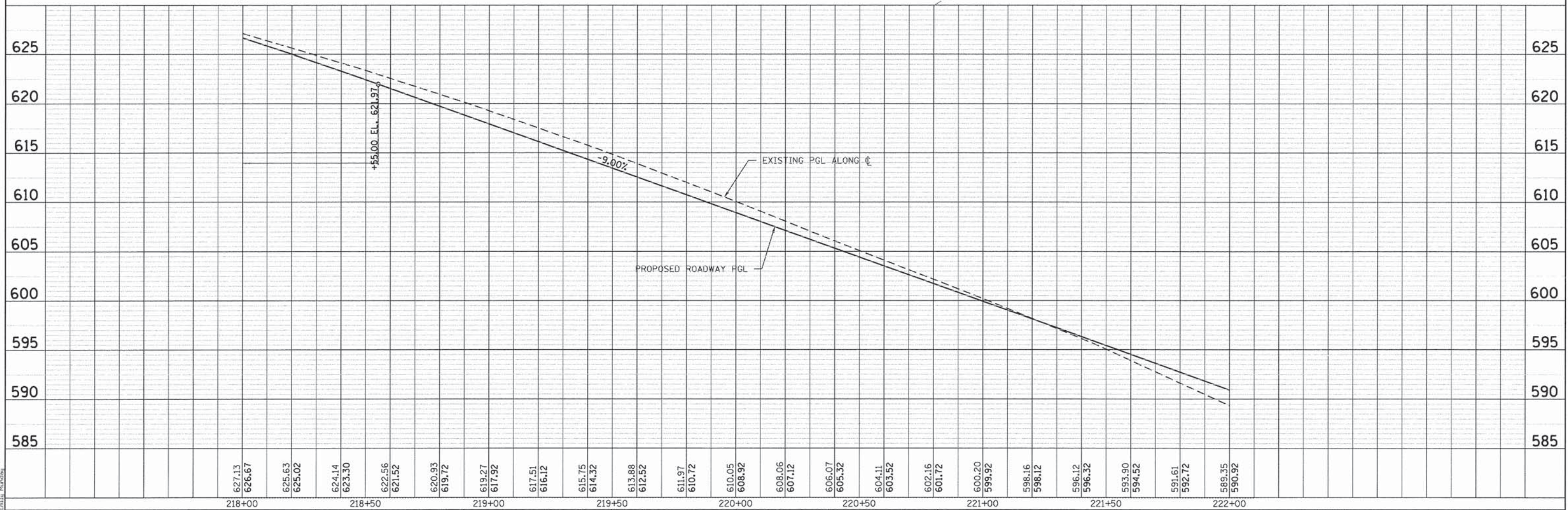
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	PLOT SCALE = 20.0000' / 1"	CHECKED - EJH	REVISED -		STA. 213+00	TO STA. 218+00	CONTRACT NO. 89371					
	PLOT DATE = 9/8/2015 - 11:22:28 AM	DATE - SEPTEMBER 2015	REVISED -		SCALE: 1" = 20'	SHEET 1	OF 5 SHEETS	ILLINOIS FED. AID PROJECT				

DATE: _____ BY: _____
 SURVEYED _____
 ALIGNED _____
 RT. OF WAY CHECKED _____
 NOTE BOOK NO. _____
 CADD FILE NAME _____

DATE: _____ BY: _____
 SURVEYED _____
 LOCATIONS CHECKED _____
 B.M. NOTED _____
 STRUCTURE NOTATIONS OK'D _____
 NOTE BOOK NO. _____
 USER NAME = Emalia_Mundava



- (S01) PROP. 4' DIA. MANHOLE, TY A W/ SPECIAL FRAME AND GRATE TYPE 37 GRATE (IDOT STD. 604301-D4) STA. 221+25.00, 25.60' LT RIM ELEV.= 594.43 INV. ELEV.= 574.63
- (S02) PROP. 4' DIA. MANHOLE, TY A W/ SPECIAL FRAME AND GRATE TYPE 37 GRATE (IDOT STD. 604301-D4) STA. 221+75.00, 31.6' RT RIM ELEV.= 589.93 INV. ELEV.= 577.13
- (S03) PROP. PRECAST REINFORCED CONC. FES, 18" STA. 222+00, 56.3' LT ELEV. @ TOE = 572.66



627.13	626.67	625.63	625.02	624.14	623.30	622.56	621.52	620.93	619.72	619.27	617.92	617.51	616.12	615.75	614.32	613.88	612.52	611.97	610.72	610.05	608.92	608.06	607.12	606.07	605.32	604.11	603.52	602.16	601.72	600.20	599.92	598.16	598.12	596.12	596.32	593.90	594.52	591.61	592.72	589.35	590.92
218+00		218+50		219+00		219+50		220+00		220+50		221+00		221+50		222+00																									

DIRECTORY: L:\PC\0614253100\0614253100\CADD_Sheet1.dwg
 USER NAME = Emalia_Mundava



MODEL NAME = Sheet2	DESIGNED - EMM	REVISED -
FILE NAME = PWP.dgn	DRAWN - EMM	REVISED -
PLLOT SCALE =	CHECKED - EJH	REVISED -
PLLOT DATE = 9/8/2015 11:22:28 AM	DATE - SEPTEMBER 2015	REVISED -

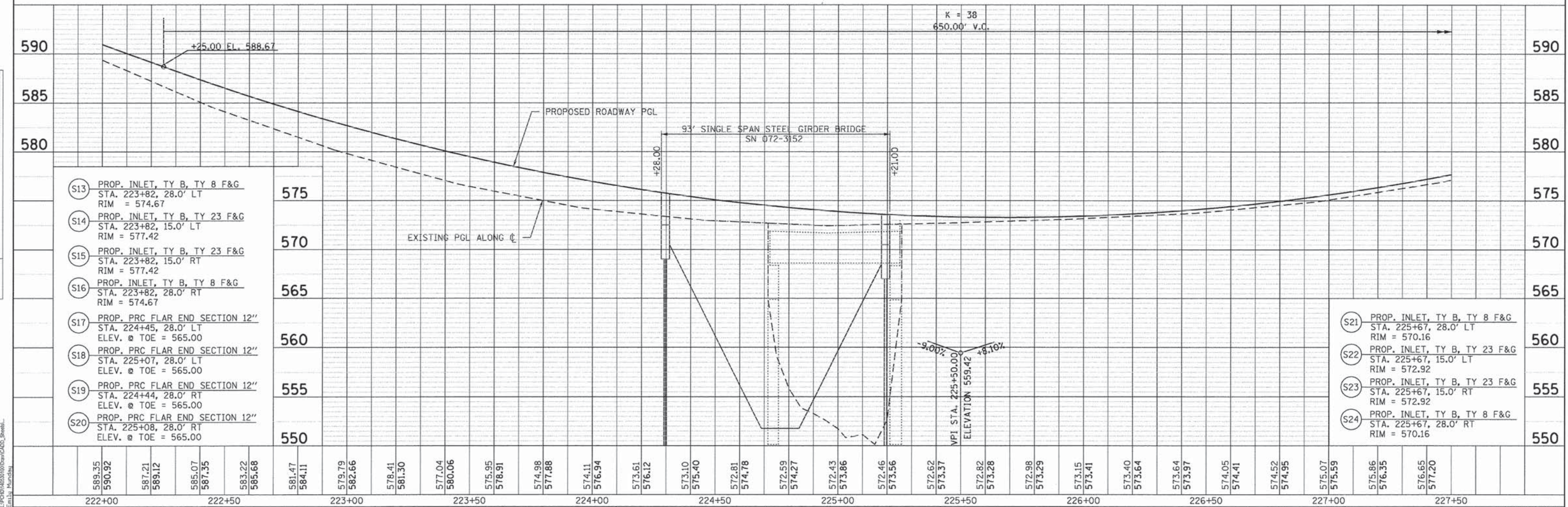
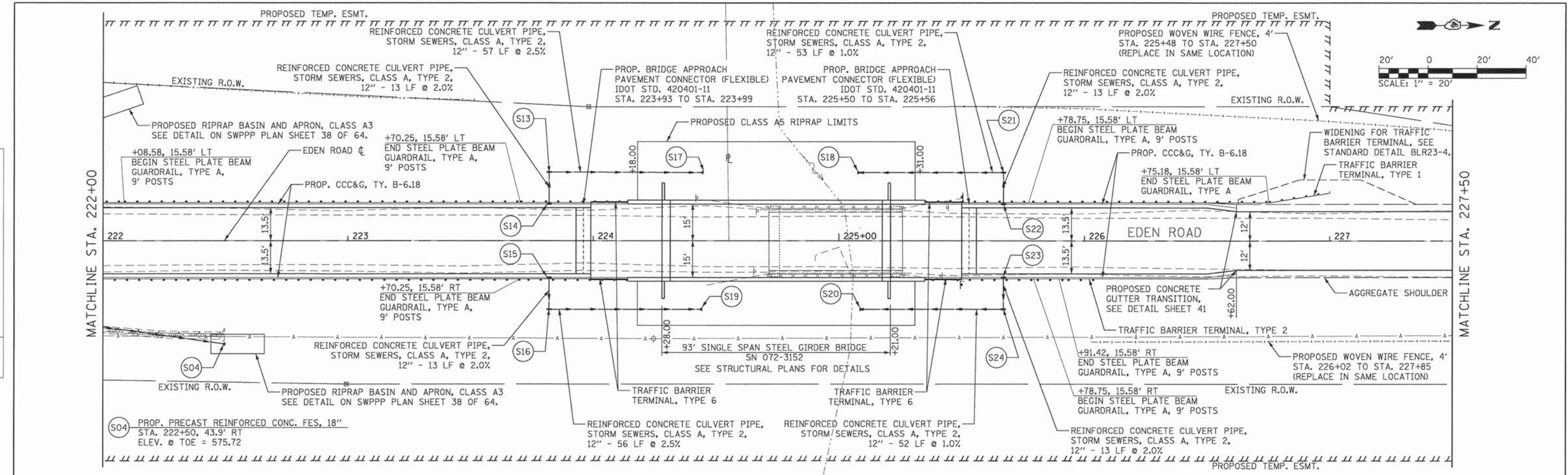
PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS

EDEN ROAD BRIDGE REPLACEMENT		
PLAN AND PROFILE		
SCALE: 1" = 20'	SHEET 2	OF 5 SHEETS
STA. 218+00 TO STA. 222+00		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-0014-00-BR	PEORIA	64	18
CONTRACT NO. 89371			ILLINOIS FED. AID PROJECT	

DATE: _____ BY: _____
 SURVEYED: _____
 ALIGNED: _____
 CHECKED: _____
 RT. OF WAY: _____
 CAD FILE NAME: _____

DATE: _____ BY: _____
 SURVEYED: _____
 GRADES: _____
 CHECKED: _____
 B.M. NOTED: _____
 NO. _____ STRUCTURE: NOTATING: C/P/D



- (S13) PROP. INLET, TY B, TY 8 F&G
STA. 223+82, 28.0' LT
RIM = 574.67
- (S14) PROP. INLET, TY B, TY 23 F&G
STA. 223+82, 15.0' LT
RIM = 577.42
- (S15) PROP. INLET, TY B, TY 23 F&G
STA. 223+82, 15.0' RT
RIM = 577.42
- (S16) PROP. INLET, TY B, TY 8 F&G
STA. 223+82, 28.0' RT
RIM = 574.67
- (S17) PROP. PRC FLAR END SECTION 12"
STA. 224+45, 28.0' LT
ELEV. @ TOE = 565.00
- (S18) PROP. PRC FLAR END SECTION 12"
STA. 225+07, 28.0' LT
ELEV. @ TOE = 565.00
- (S19) PROP. PRC FLAR END SECTION 12"
STA. 224+44, 28.0' RT
ELEV. @ TOE = 565.00
- (S20) PROP. PRC FLAR END SECTION 12"
STA. 225+08, 28.0' RT
ELEV. @ TOE = 565.00

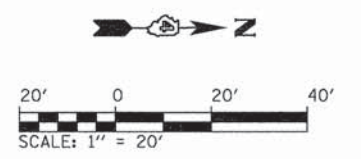
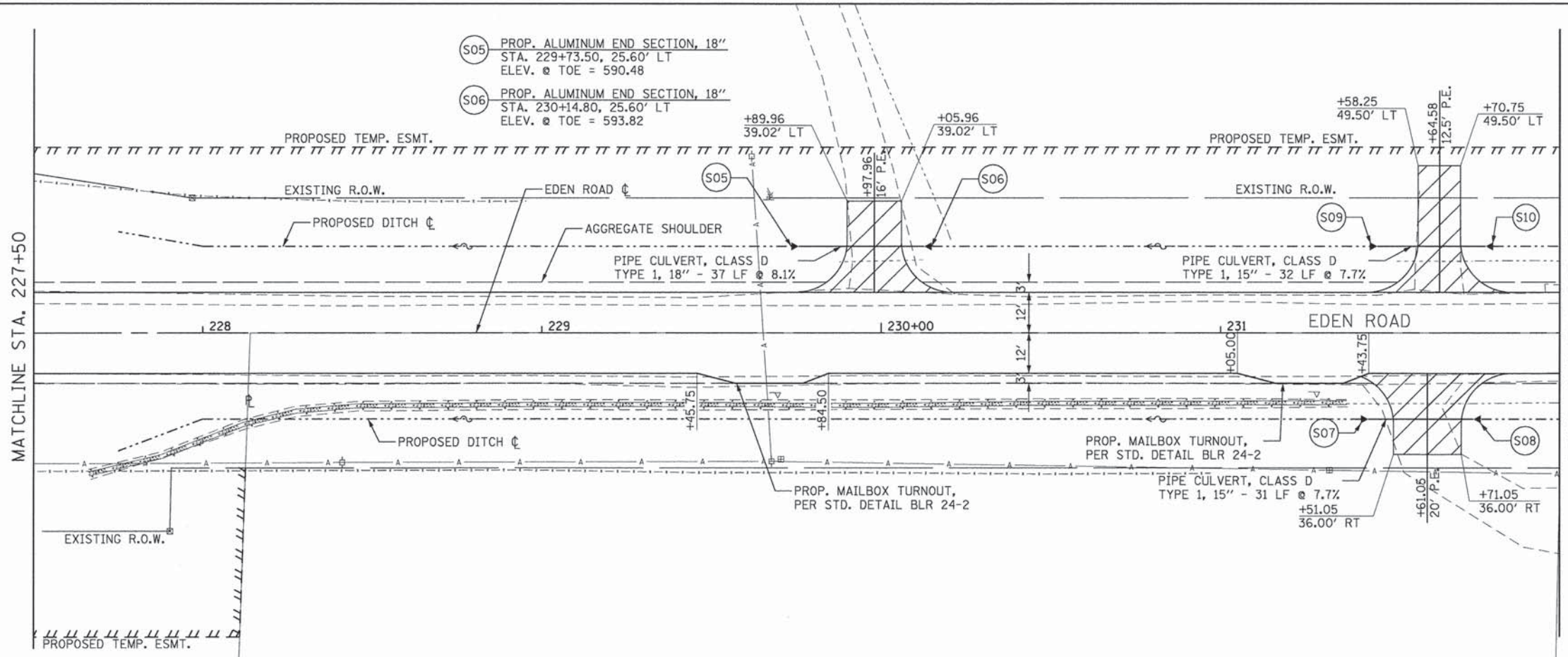
- (S21) PROP. INLET, TY B, TY 8 F&G
STA. 225+67, 28.0' LT
RIM = 570.16
- (S22) PROP. INLET, TY B, TY 23 F&G
STA. 225+67, 15.0' LT
RIM = 572.92
- (S23) PROP. INLET, TY B, TY 23 F&G
STA. 225+67, 15.0' RT
RIM = 572.92
- (S24) PROP. INLET, TY B, TY 8 F&G
STA. 225+67, 28.0' RT
RIM = 570.16

589.35	590.92	587.21	589.12	585.07	587.35	583.22	585.68	581.47	584.11	579.79	582.66	578.41	581.30	577.04	580.06	575.95	578.91	574.98	577.88	574.11	576.94	573.61	576.12	573.10	575.40	572.81	574.78	572.59	574.27	572.43	573.86	572.46	573.56	572.62	573.37	572.82	573.28	572.98	573.29	573.15	573.41	573.40	573.64	573.64	573.97	574.05	574.41	574.52	574.95	575.07	575.59	575.86	576.35	576.65	577.20
222+00	222+50	223+00	223+50	224+00	224+50	225+00	225+50	226+00	226+50	227+00	227+50																																												

PLAN	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	NO. OF WAY CHECKED		
	NO.		
	DATE		

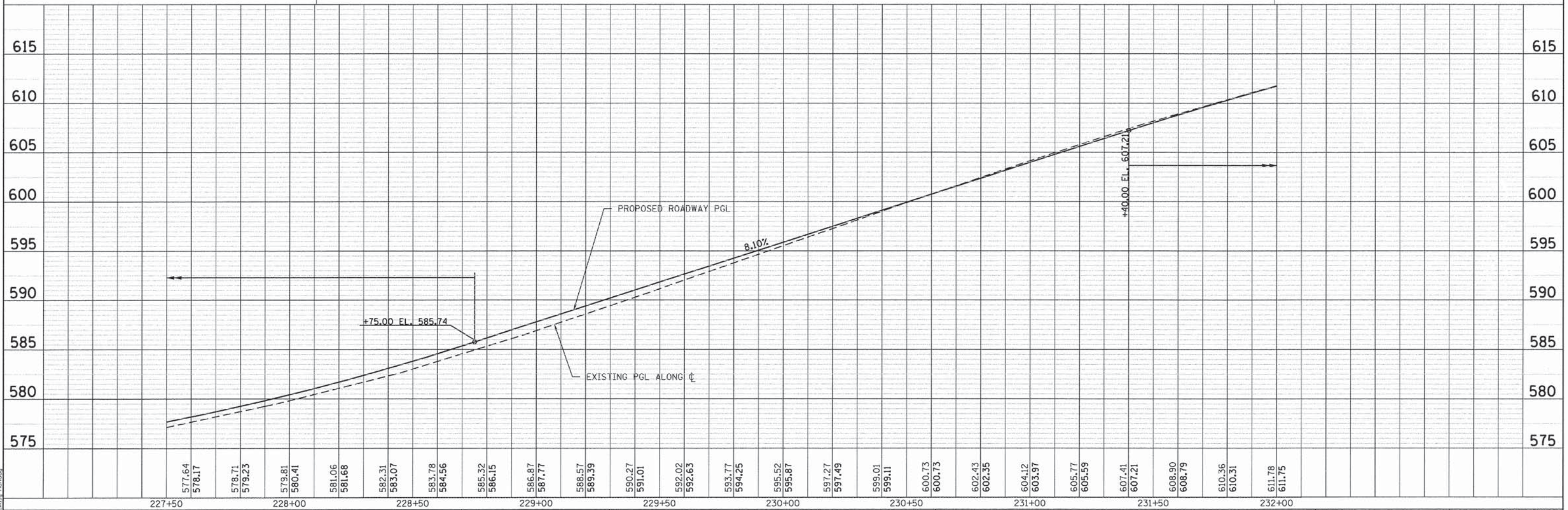
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	GRADES CHECKED		
	NO. NOTED		
	STRUCTURE NOTATIONS COR'D		
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	DATE		

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 USER NAME = EmJ.L.Munday



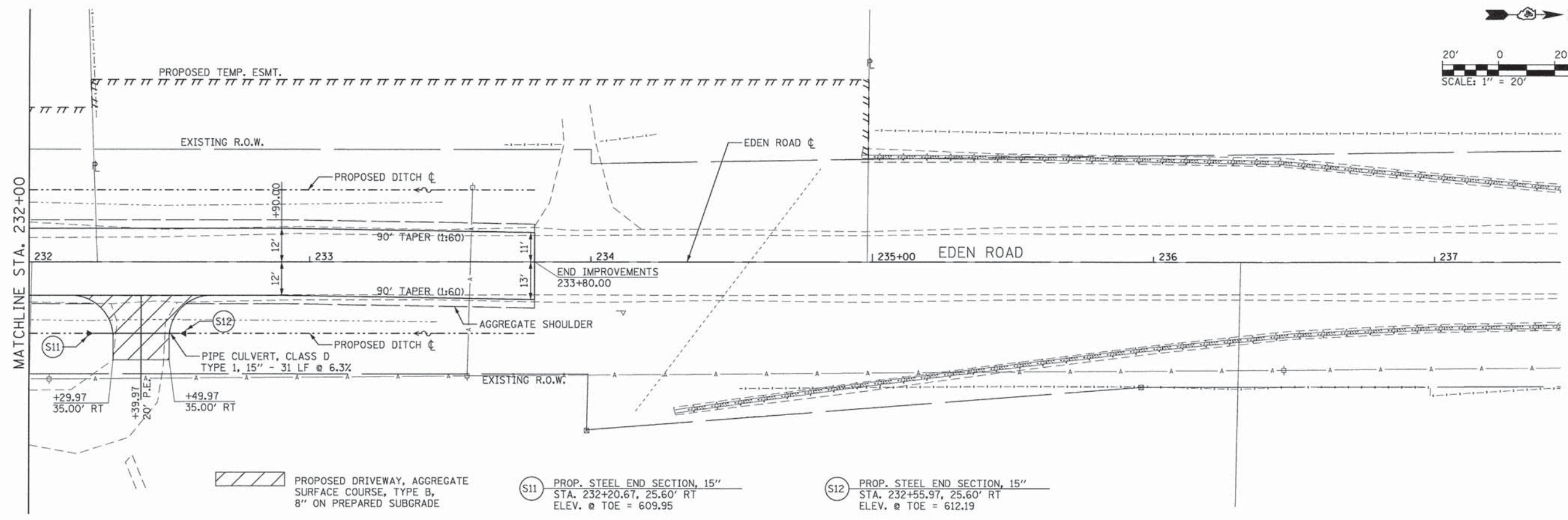
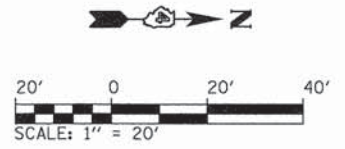
- (S05) PROP. ALUMINUM END SECTION, 18"
STA. 229+73.50, 25.60' LT
ELEV. @ TOE = 590.48
- (S06) PROP. ALUMINUM END SECTION, 18"
STA. 230+14.80, 25.60' LT
ELEV. @ TOE = 593.82
- (S09) PROP. STEEL END SECTION, 15"
STA. 231+44.00, 25.60' LT
ELEV. @ TOE = 604.30
- (S10) PROP. STEEL END SECTION, 15"
STA. 231+80.33, 25.60' LT
ELEV. @ TOE = 607.09
- (S07) PROP. STEEL END SECTION, 15"
STA. 231+41.40, 25.60' RT
ELEV. @ TOE = 603.87
- (S08) PROP. STEEL END SECTION, 15"
STA. 231+76.73, 25.60' RT
ELEV. @ TOE = 606.60

PROPOSED DRIVEWAY, AGGREGATE SURFACE COURSE, TYPE B, 8" ON PREPARED SUBGRADE



227+50	577.64	578.17	578.71	579.23	579.81	580.41	581.06	581.68	582.31	583.07	583.78	584.56	585.32	586.15	586.87	587.77	588.57	589.39	590.27	591.01	592.02	592.63	593.77	594.25	595.52	595.87	597.27	597.49	599.01	599.11	600.73	600.73	602.43	602.35	604.12	603.97	605.77	605.59	607.41	607.21	608.90	608.79	610.36	610.31	611.78	611.75	232+00
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PLOT SCALE = 20.00002' / 1"	CHECKED - E.J.H.	REVISED -		SCALE: 1" = 20' SHEET 4 OF 5 SHEETS STA. 227+50 TO STA. 233+00			CONTRACT NO. 89371		[ILLINOIS] FED. AID PROJECT			
PLOT DATE = 9/8/2015 - 11:22:29 AM	DATE - SEPTEMBER 2015	REVISED -										

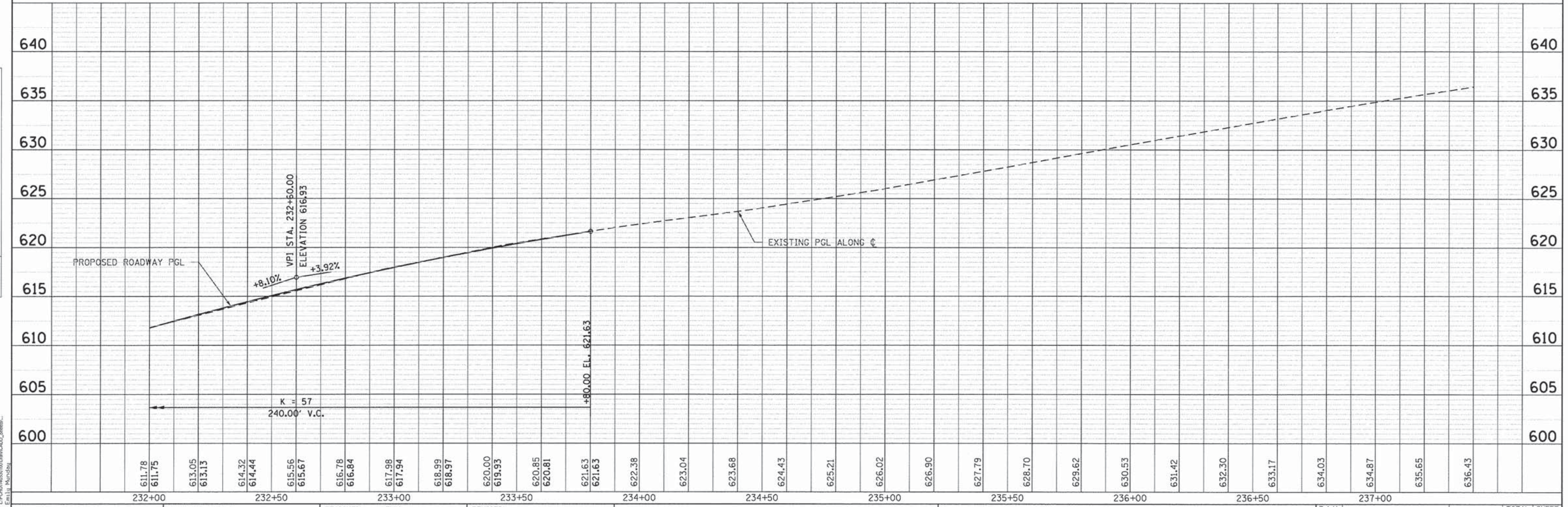


(S11) PROP. STEEL END SECTION, 15"
STA. 232+20.67, 25.60' RT
ELEV. @ TOE = 609.95

(S12) PROP. STEEL END SECTION, 15"
STA. 232+55.97, 25.60' RT
ELEV. @ TOE = 612.19

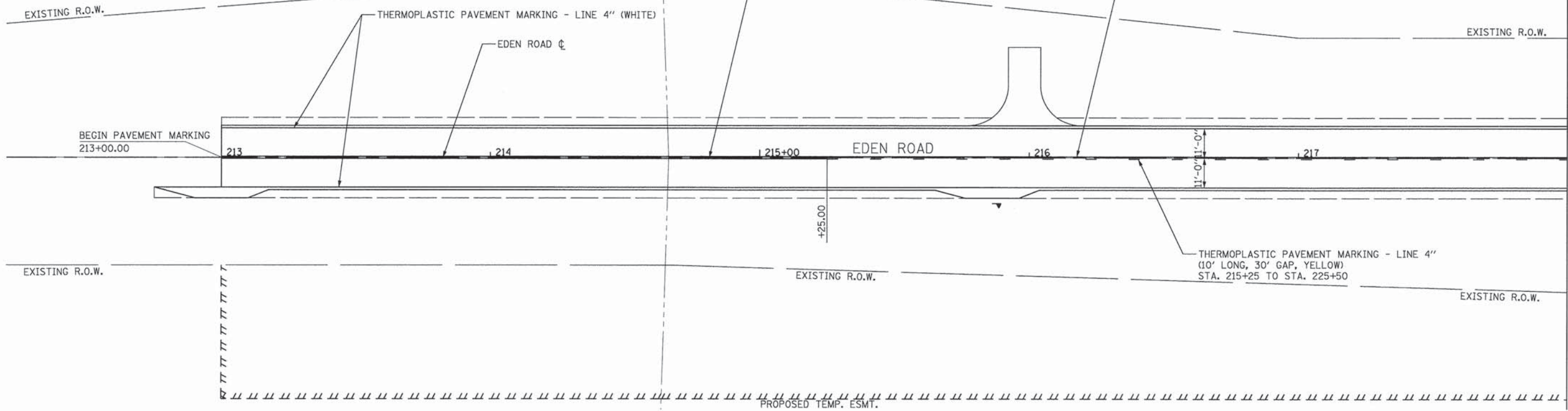
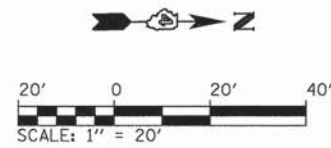
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BY	
SURVEYED	
ALIGNMENT CHECKED	
PT. OF WAY CHECKED	
ROAD FILE NAME	
PLAN	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
GRADES CHECKED	
E.M. NOTED	
STRUCTURE NOTATION CHECKED	
PROFILE	
NOTE BOOK	
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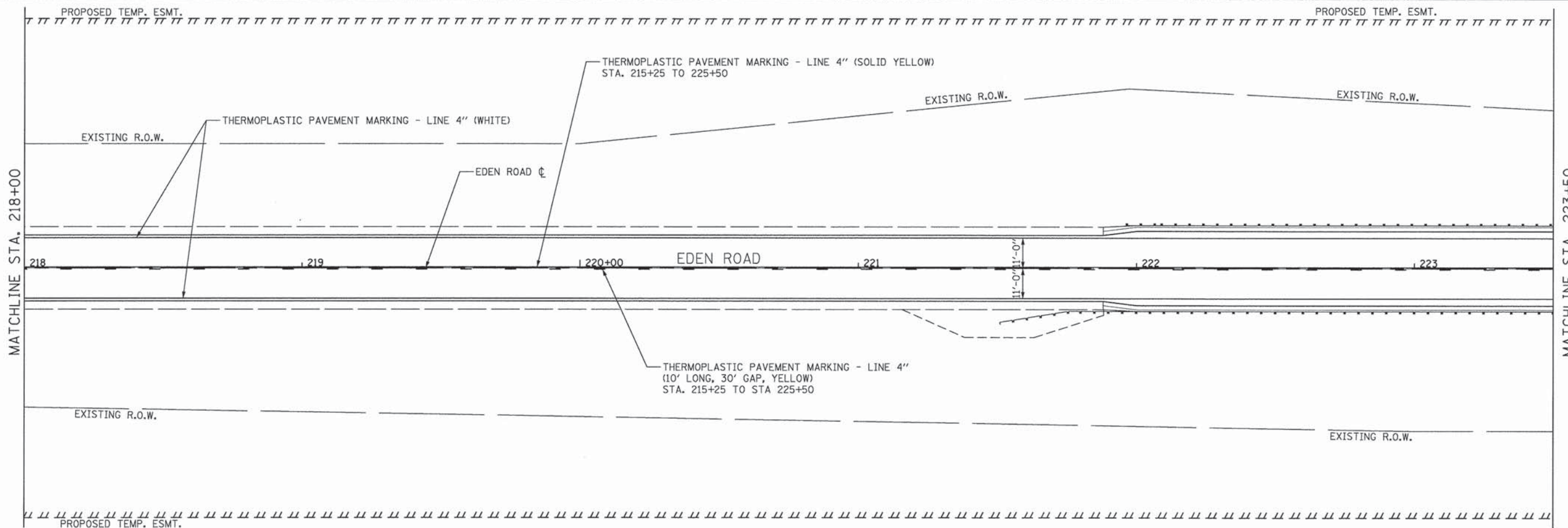


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	PLOT DATE = 9/8/2015 - 11:22:30 AM	DATE - SEPTEMBER 2015	REVISED -		ILLINOIS FED. AID PROJECT							

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USER NAME = Emily Munday



MATCHLINE STA. 218+00



MATCHLINE STA. 218+00

MATCHLINE STA. 223+50

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 USER NAME = Emily_Kunzky



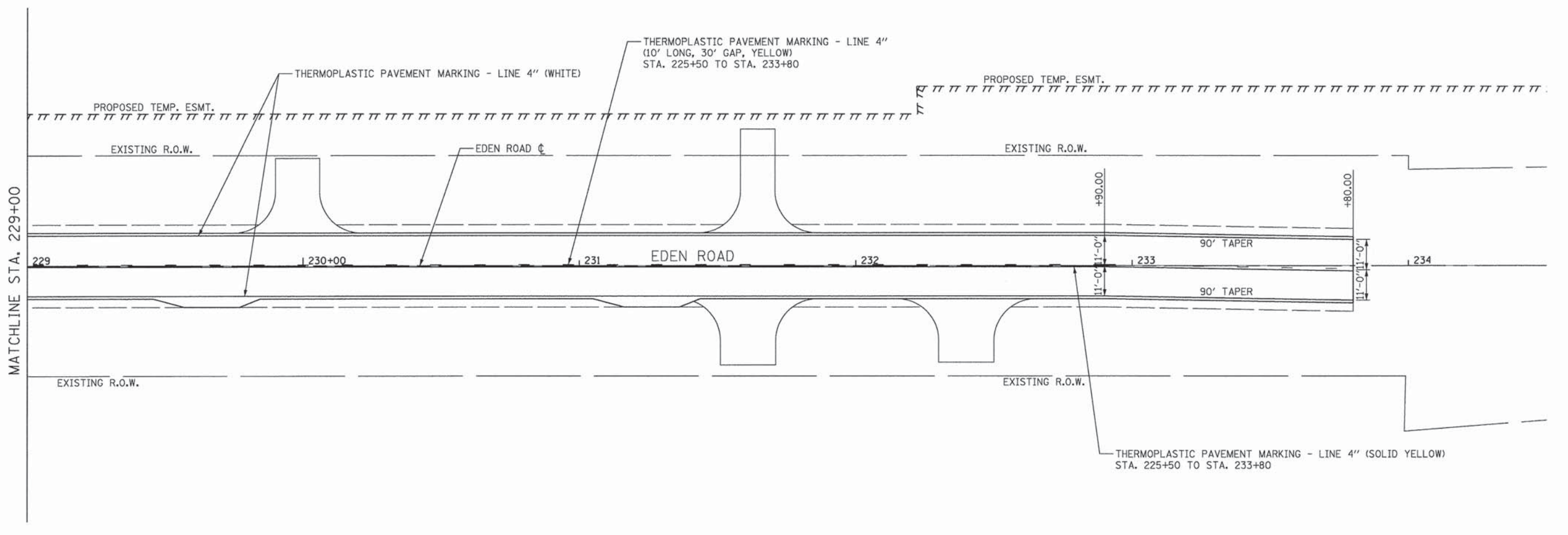
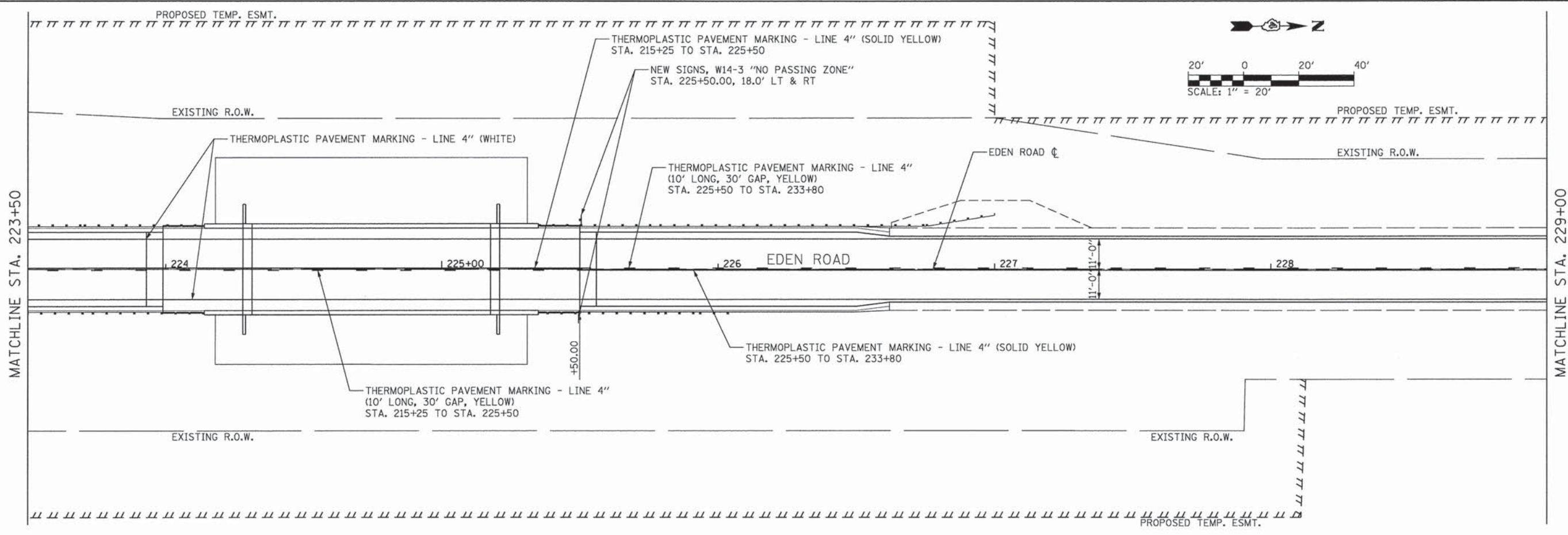
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PLOT DATE = 9/8/2015 - 11:22:30 AM	DATE - SEPTEMBER 2015	REVISED -

PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS

EDEN ROAD BRIDGE REPLACEMENT
PAVEMENT MARKING AND SIGNING PLAN

SCALE: SHEET 1 OF 2 SHEETS STA. 213+00 TO STA. 223+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	22
CONTRACT NO. 89371				
ILLINOIS FED. AID PROJECT				



DIRECTORY USER NAME = L:\P\014630109\Draw\CADD_Sheet...
 = Emily Munday



MODEL NAME = Sheet3
 FILE NAME = PvmMkglSpring.dgn
 PLOT SCALE = 20.0000' / 1"

DESIGNED - EMM
 DRAWN - EMM
 CHECKED - EJH
 DATE - SEPTEMBER 2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS

EDEN ROAD BRIDGE REPLACEMENT
PAVEMENT MARKING AND SIGNING PLAN

SCALE: SHEET 2 OF 2 SHEETS STA. 223+50 TO STA. 234+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	23
CONTRACT NO. 89371				
ILLINOIS FED. AID PROJECT				

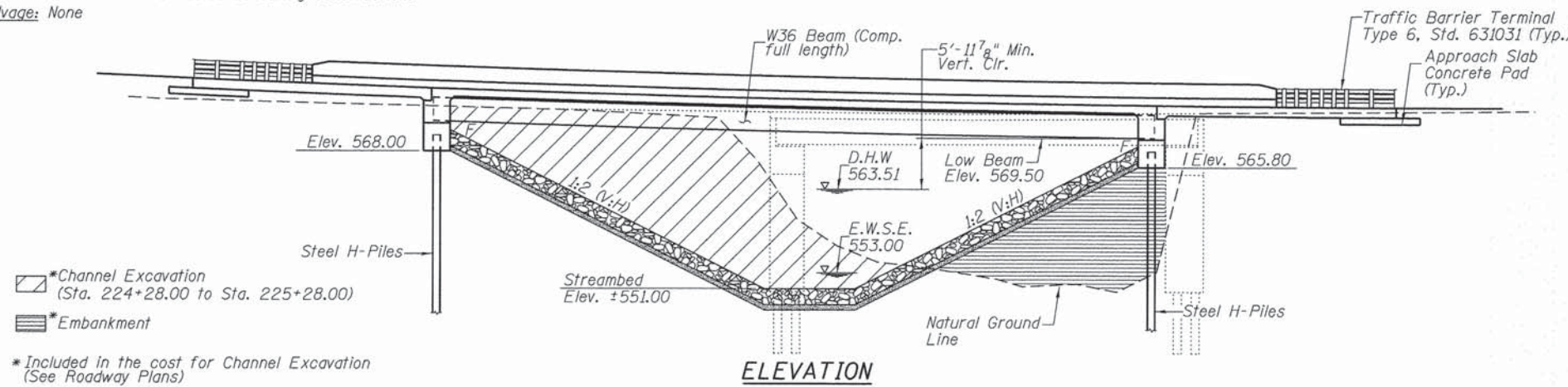
Bench Mark: Cotton Spindle in West face of utility pole on East side of Eden Road, approximately 315' North of bridge over Nixon Run Elev. 582.45

Existing Structure: S.N. 072-3039 is a single span steel beam bridge constructed in 1954. Superstructure consists of closed concrete abutments supported on timber piles. Back to back of abutments measures 54'-6" and out to out width of 26'-0". Roadway will be closed and traffic will be detoured during construction.

Salvage: None

INDEX OF SHEETS

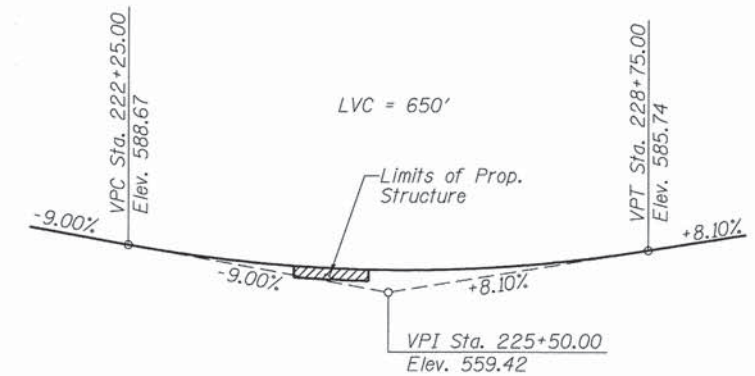
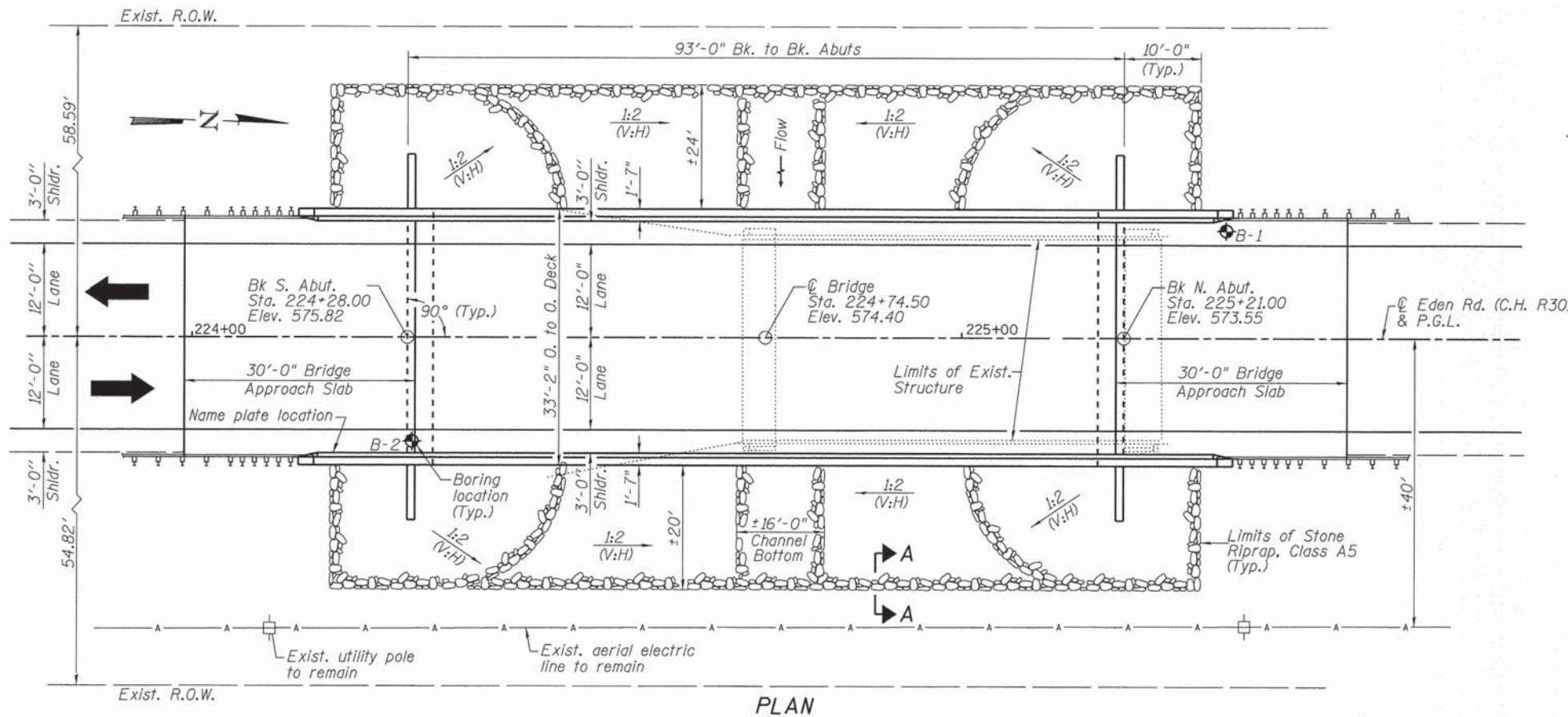
SHEET NO.	TITLE
1.	General Plan and Elevation
2.	General Data
3.	Deck Elevations
4.	Top of Approach Slab Elevations
5.	Superstructure Plan and Cross Section
6.	Superstructure Details
7.	Integral Abutment Diaphragm Details
8.	Bridge Approach Slab Details I
9.	Bridge Approach Slab Details II
10.	Framing Plan & Details
11.	Structural Steel Details
12.	Abutments
13.	HP Pile Details
14.	Boring Logs B-1 & B-2



*Channel Excavation (Sta. 224+28.00 to Sta. 225+28.00)

*Embankment

*Included in the cost for Channel Excavation (See Roadway Plans)



PROFILE GRADE
(along centerline roadway)

LOADING HL-93
Allow 50#/sq. ft. for future wearing surface.

DESIGN STRESSES

FIELD UNITS
f'c = 3,500 psi
fy = 60,000 psi (Reinf.)
fy = 50,000 psi (M270)
Grade 50W

DESIGN SPECIFICATIONS

2014 AASHTO LRFD
Bridge Design Specifications, 7th Edition

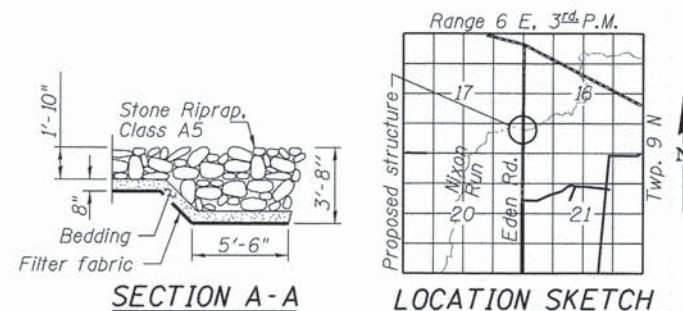
SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (S_{D1}) = 0.109g
Design Spectral Acceleration at 0.2 sec. (S_{DS}) = 0.169g
Soil Site Class = D

GENERAL PLAN
EDEN ROAD (CH R30)
OVER NIXON RUN
SECTION 06-00014-00-BR
PEORIA COUNTY
STATION 224+74.50
STRUCTURE NO. 072-3152

DESIGN SCOUR ELEVATION TABLE

Event/Limit State	Design Scour Elevations (ft.)		Item
	N. Abut.	S. Abut.	
Q100	565.76	567.85	8
Q200	565.76	567.85	
Design	565.76	567.85	
Check	565.76	567.85	



I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current "AASHTO LRFD Bridge Design Specifications".

DIRECTOR: L:\P061433100\06-00014-00-000_Sheets



FILE NAME = 01 GPE.dgn
PLOT DATE = 8/26/2015 - 11:09:40 AM

DESIGNED - CJW
CHECKED - RJK
DRAWN - GLD
CHECKED - RJK

REVISED
REVISED
REVISED
REVISED

PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 072-3152

SHEET NO. 1 OF 14 SHEETS

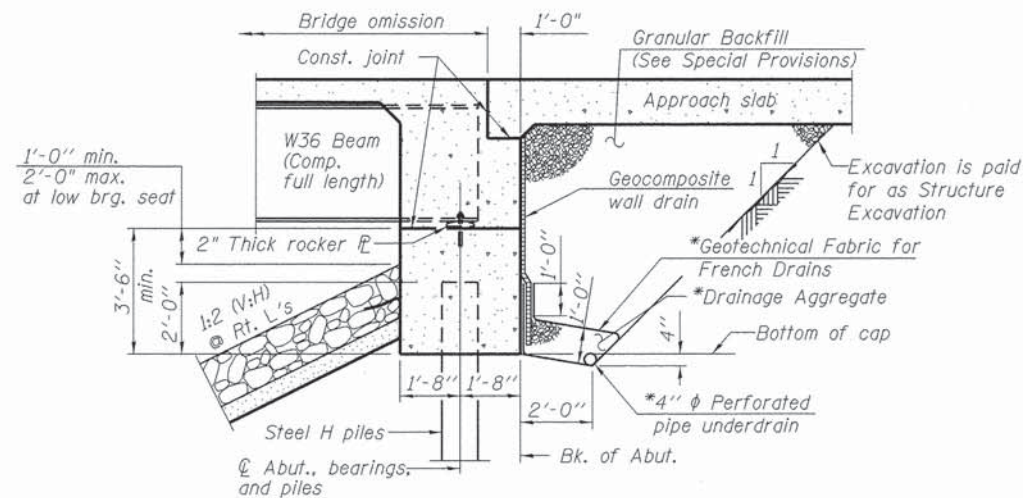
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00014-00-BR	PEORIA	64	24

CONTRACT NO.

ILLINOIS FED. AID PROJECT

GENERAL NOTES:

- Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts (in painted areas and ASTM A325 Type 3 in unpainted areas). Bolts 3/4 in. φ, holes 5/16 in. φ, unless otherwise noted.
- Calculated weight of Structural Steel = 102,270 lbs. (AASHTO M270 Grade 50W)
- All structural steel shall be AASHTO M 270 Grade 50W.
- No field welding is permitted except as specified in the contract documents.
- Reinforcement bars designated (E) shall be epoxy coated.
- Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
- Structural steel shall only be painted for a distance equal to the depth of embedment into the concrete cap plus 3 inches. Painted areas shall be primed in the shop with a Department approved zinc rich primer. Field painting will not be required.
- Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
- The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.
- Reinforcement bars shall conform to the requirements of ASTM A706 Grade 60.
- Should the contractor deem that dewatering is necessary or that a temporary cofferdam or temporary excavation support system is necessary to complete removal of existing substructure elements the contractor shall include such costs with "Removal of Existing Structures". No additional compensation will be considered or made.



SECTION THRU INTEGRAL ABUTMENT

(Horiz. dim. @ Rt. L's)

*Included in the cost for Pipe Underdrains for structures. (See Special Provisions)

STATION 224+74.50
 BUILT 201 BY
 PEORIA COUNTY HIGHWAY DEPT.
 EDEN RD. (CH R30)
 SEC. 06-00014-00-BR
 LOADING HL-93
 STR. NO. 072-3152

NAME PLATE

See Std. 515001

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A5	Sq. Yd.		963	963
Filter Fabric	Sq. Yd.		963	963
Removal of Existing Structures	Each	1		1
Structure Excavation	Cu. Yd.	56	116	172
Concrete Structures	Cu. Yd.	19.7	35.9	55.6
Concrete Superstructure	Cu. Yd.	224.5		224.5
Bridge Deck Grooving	Sq. Yd.	475		475
Protective Coat	Sq. Yd.	608		608
Furnishing and Erecting Structural Steel	L Sum	1		1
Stud Shear Connectors	Each	1,020		1,020
Reinforcement Bars, Epoxy Coated	Pound	52,990	5,340	58,330
Furnishing Steel Piles, HP 14x73	Foot		352	352
Driving Piles	Foot		352	352
Test Pile, HP 14x73	Each		2	2
Pile Shoes	Each		10	10
Name Plates	Each	1		1
Anchor Bolts, 1"	Each		20	20
Geocomposite Wall Drain	Sq. Yd.		64	64
Granular Backfill for Structures	Cu. Yd.		113	113
Pipe Underdrains for Structures 4"	Foot		133	133

PEORIA COUNTY HIGHWAY DEPARTMENT BENCH MARK

The bronze tablet, to be installed as the bench mark, shall be furnished by the Peoria County Highway Department and installed by the contractor.
 The bench mark shall be installed on the level area at the southeast wing wall of the proposed south abutment as shown on Sheet 12 of 14. The bench mark shall be placed under the direction of the Engineer and shall be installed in a workmanlike manner.
 The installation of the bench mark shall be included in the cost for Concrete Structures.
 The elevation shall be permanently marked by the use of metal dies after the bench mark has been installed. The elevation will be based on U.S.G.S. datum. The elevation shall be established by a registered professional land surveyor and shall be included in the cost of Concrete Structures.

WATERWAY INFORMATION

Drainage Area = 9.1 sq. Mi. Low Grade Elev. = 573.27 @ Sta. 225+67.00

Flood Yr.	Freq.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
10		1,980	434	447	562.11	0.20	0.00	562.31	562.11
Design	30	2,870	506	546	563.51	0.38	0.08	563.89	563.59
Base	100	3,780	554	611	564.28	0.64	0.20	564.92	564.48
Max. Calc.	500	5,170	619	702	565.15	1.15	0.51	566.30	565.66

10 Yr. Velocity through Prop. Struct. = 4.90 fps

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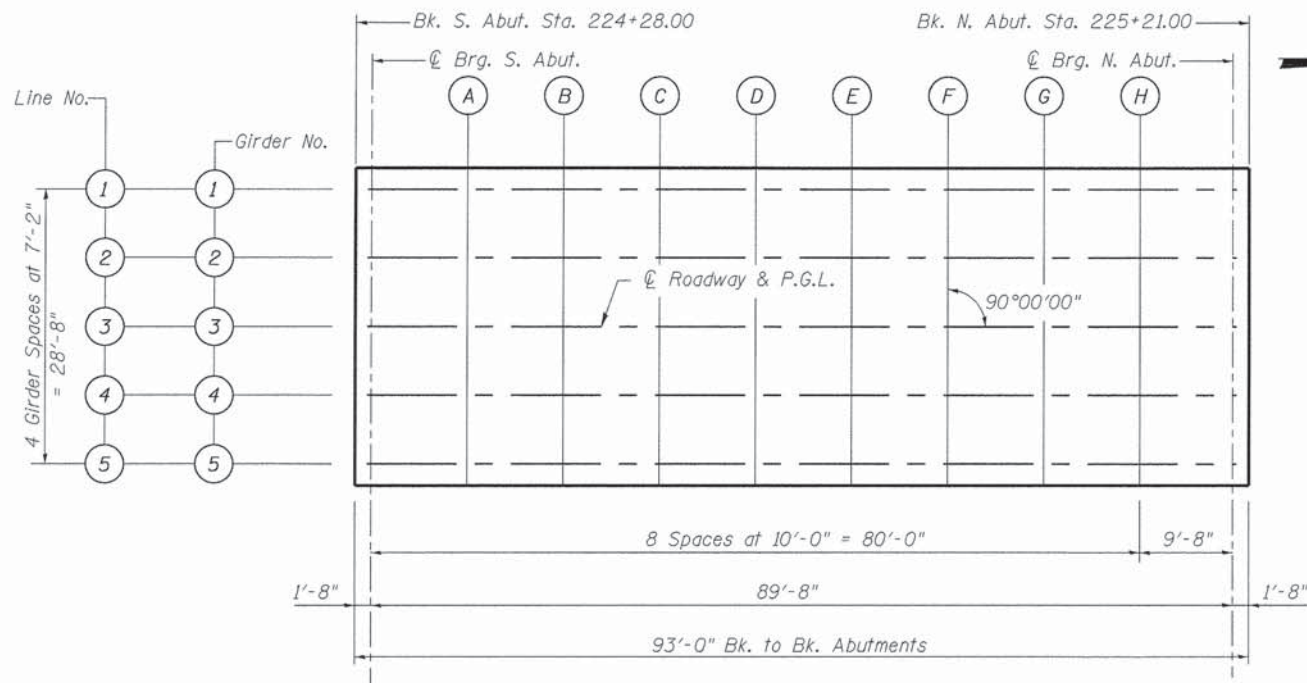
**PEORIA COUNTY HIGHWAY DEPARTMENT
 PEORIA COUNTY, ILLINOIS**

**GENERAL DATA
 STRUCTURE NO. 072-3152**

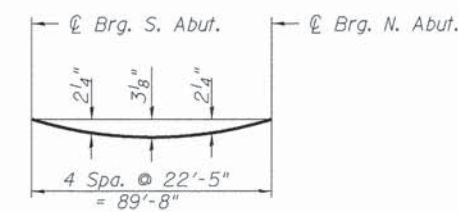
SHEET NO. 2 OF 14 SHEETS

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 89371			

ILLINOIS FED. AID PROJECT

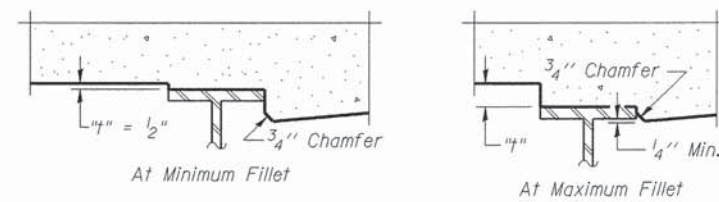


LAYOUT PLAN FOR DECK ELEVATIONS



DEAD LOAD DEFLECTION DIAGRAM

Note:
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown on this sheet.



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown above. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

GIRDER 1 (LINE NO.1)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abut.	224+28.00	-14.33	575.52	575.52
☉ Brg. S. Abut.	224+29.67	-14.33	575.46	575.46
A	224+39.67	-14.33	575.11	575.22
B	224+49.67	-14.33	574.79	574.97
C	224+59.67	-14.33	574.50	574.73
D	224+69.67	-14.33	574.23	574.48
E	224+79.67	-14.33	573.98	574.23
F	224+89.67	-14.33	573.77	573.98
G	224+99.67	-14.33	573.57	573.73
H	225+09.67	-14.33	573.41	573.48
☉ Brg. N. Abut.	225+19.33	-14.33	573.28	573.28
Bk. N. Abut.	225+21.00	-14.33	573.26	573.26

GIRDER 2 (LINE NO.2)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abut.	224+28.00	-7.17	575.67	575.67
☉ Brg. S. Abut.	224+29.67	-7.17	575.61	575.61
A	224+39.67	-7.17	575.26	575.37
B	224+49.67	-7.17	574.94	575.12
C	224+59.67	-7.17	574.64	574.88
D	224+69.67	-7.17	574.37	574.63
E	224+79.67	-7.17	574.13	574.38
F	224+89.67	-7.17	573.91	574.13
G	224+99.67	-7.17	573.72	573.88
H	225+09.67	-7.17	573.56	573.63
☉ Brg. N. Abut.	225+19.33	-7.17	573.43	573.43
Bk. N. Abut.	225+21.00	-7.17	573.41	573.41

GIRDER 3 AND P.G.L. (LINE NO.3)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abut.	224+28.00	0.00	575.82	575.82
☉ Brg. S. Abut.	224+29.67	0.00	575.76	575.76
A	224+39.67	0.00	575.41	575.52
B	224+49.67	0.00	575.09	575.27
C	224+59.67	0.00	574.79	575.02
D	224+69.67	0.00	574.52	574.78
E	224+79.67	0.00	574.28	574.53
F	224+89.67	0.00	574.06	574.28
G	224+99.67	0.00	573.87	574.03
H	225+09.67	0.00	573.71	573.78
☉ Brg. N. Abut.	225+19.33	0.00	573.58	573.58
Bk. N. Abut.	225+21.00	0.00	573.55	573.55

GIRDER 4 (LINE NO.4)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abut.	224+28.00	7.17	575.67	575.67
☉ Brg. S. Abut.	224+29.67	7.17	575.61	575.61
A	224+39.67	7.17	575.26	575.37
B	224+49.67	7.17	574.94	575.12
C	224+59.67	7.17	574.64	574.88
D	224+69.67	7.17	574.37	574.63
E	224+79.67	7.17	574.13	574.38
F	224+89.67	7.17	573.91	574.13
G	224+99.67	7.17	573.72	573.88
H	225+09.67	7.17	573.56	573.63
☉ Brg. N. Abut.	225+19.33	7.17	573.43	573.43
Bk. N. Abut.	225+21.00	7.17	573.41	573.41

GIRDER 5 (LINE NO.5)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abut.	224+28.00	14.33	575.52	575.52
☉ Brg. S. Abut.	224+29.67	14.33	575.46	575.46
A	224+39.67	14.33	575.11	575.22
B	224+49.67	14.33	574.79	574.97
C	224+59.67	14.33	574.50	574.73
D	224+69.67	14.33	574.23	574.48
E	224+79.67	14.33	573.98	574.23
F	224+89.67	14.33	573.77	573.98
G	224+99.67	14.33	573.57	573.73
H	225+09.67	14.33	573.41	573.48
☉ Brg. N. Abut.	225+19.33	14.33	573.28	573.28
Bk. N. Abut.	225+21.00	14.33	573.26	573.26

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 CHECKED - RJK

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PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS

DECK ELEVATIONS
STRUCTURE NO. 072-3152

SHEET NO. 3 OF 14 SHEETS

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00014-00-BR	PEORIA	64	26
CONTRACT NO. 89371			
ILLINOIS FED. AID PROJECT			



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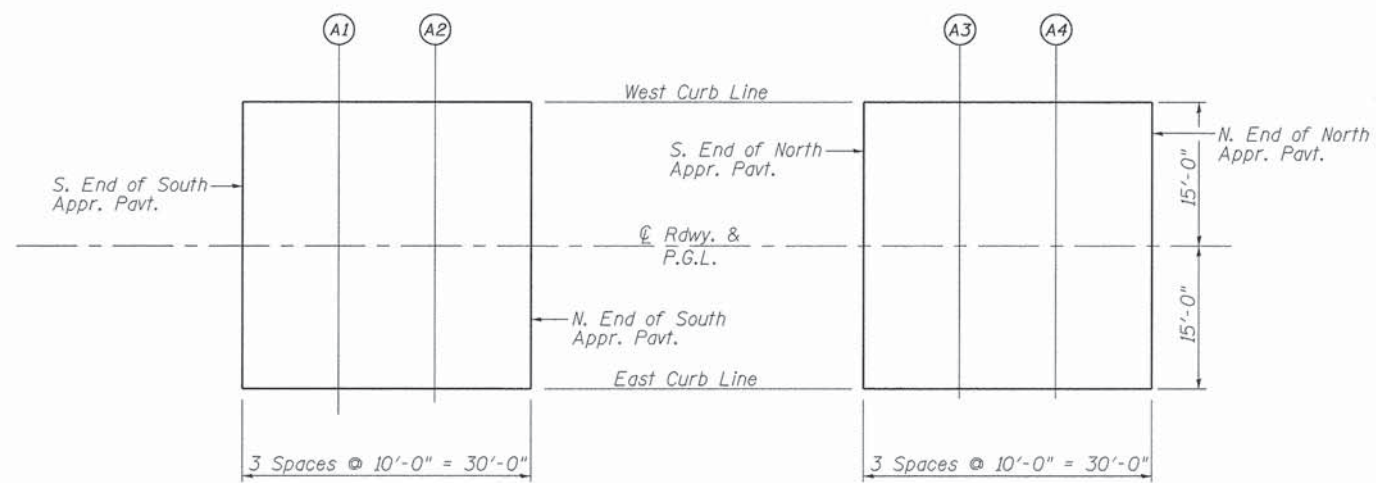
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A1	224+09.00	-15.00	576.25
A2	224+19.00	-15.00	575.85
N. End of S. Appr.	224+29.00	-15.00	575.47

☉ ROADWAY & P.G.L.

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
S. End of S. Appr.	223+99.00	0.00	576.99
A1	224+09.00	0.00	576.56
A2	224+19.00	0.00	576.16
N. End of S. Appr.	224+29.00	0.00	575.78

EAST CURB LINE

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
S. End of S. Appr.	223+99.00	15.00	576.68
A1	224+09.00	15.00	576.25
A2	224+19.00	15.00	575.85
N. End of S. Appr.	224+29.00	15.00	575.47



SOUTH APPROACH

NORTH APPROACH

PLAN

WEST CURB LINE

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
S. End of N. Appr.	225+20.00	-15.00	573.25
A3	225+30.00	-15.00	573.14
A4	225+40.00	-15.00	573.06
N. End of N. Appr.	225+50.00	-15.00	573.00

☉ ROADWAY & P.G.L.

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
S. End of N. Appr.	225+20.00	0.00	573.57
A3	225+30.00	0.00	573.46
A4	225+40.00	0.00	573.37
N. End of N. Appr.	225+50.00	0.00	573.31

EAST CURB LINE

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
S. End of N. Appr.	225+20.00	15.00	573.25
A3	225+30.00	15.00	573.14
A4	225+40.00	15.00	573.06
N. End of N. Appr.	225+50.00	15.00	573.00

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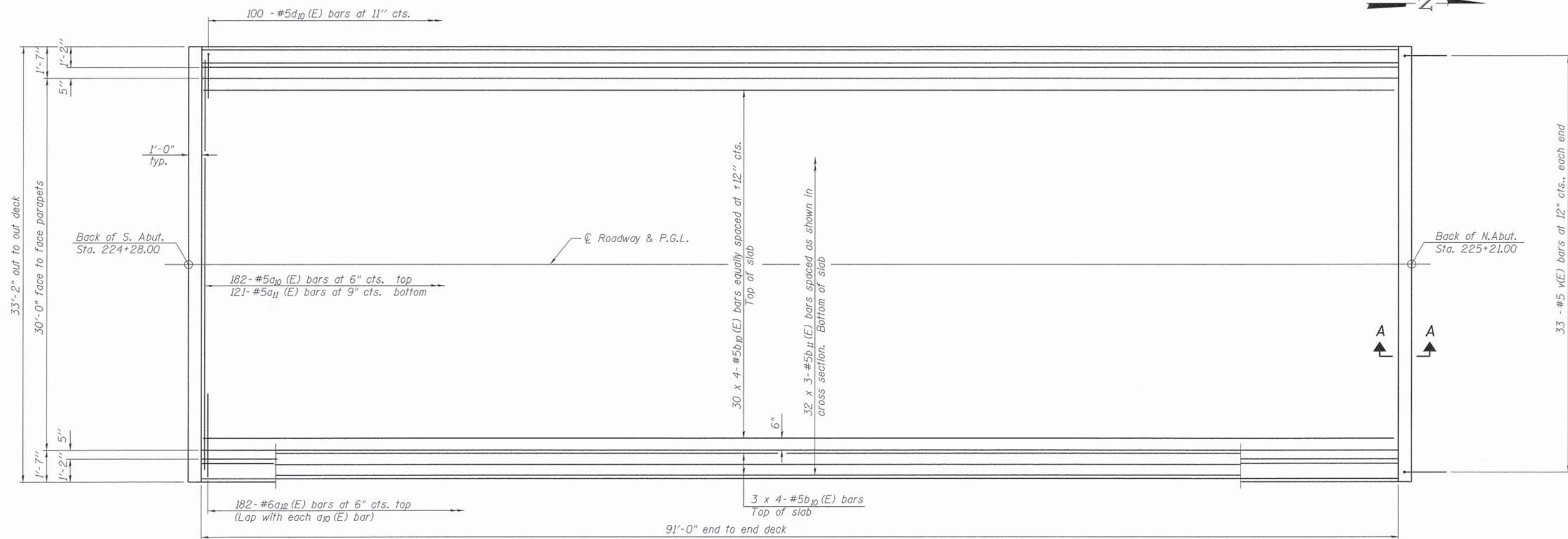
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PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS

TOP OF APPROACH SLAB ELEVATIONS
STRUCTURE NO. 072-3152

SHEET NO. 4 OF 14 SHEETS

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT			

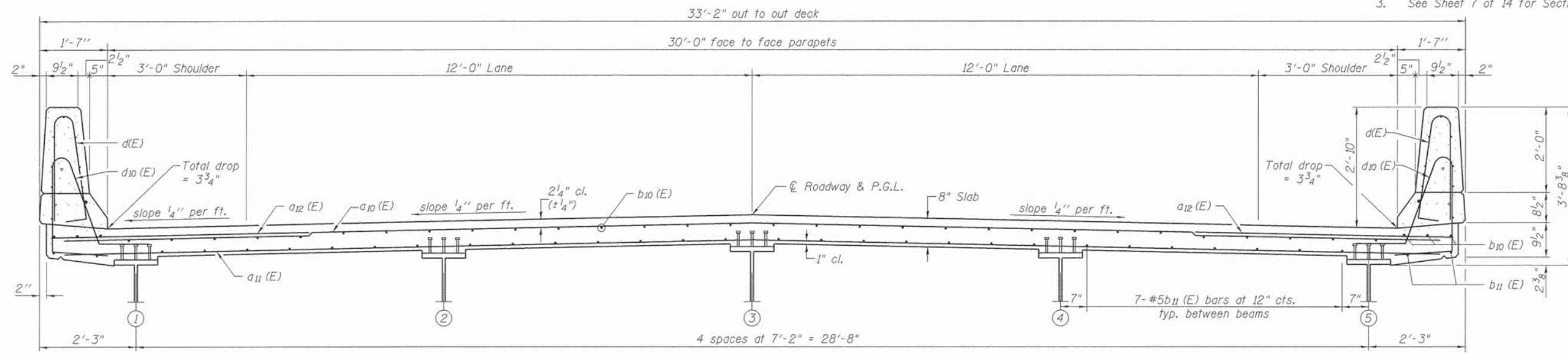


PLAN

NOTES:

1. See Sheet 6 of 14 for superstructure details, parapet reinforcement and Bill of Material.
2. Bars indicated thus 30 x 4-#5 etc. indicates 30 lines of bars with 4 lengths per line.
3. See Sheet 7 of 14 for Section A-A.

MIN. BAR LAP
#5 bar = 2'-7"



CROSS SECTION
(Looking North)

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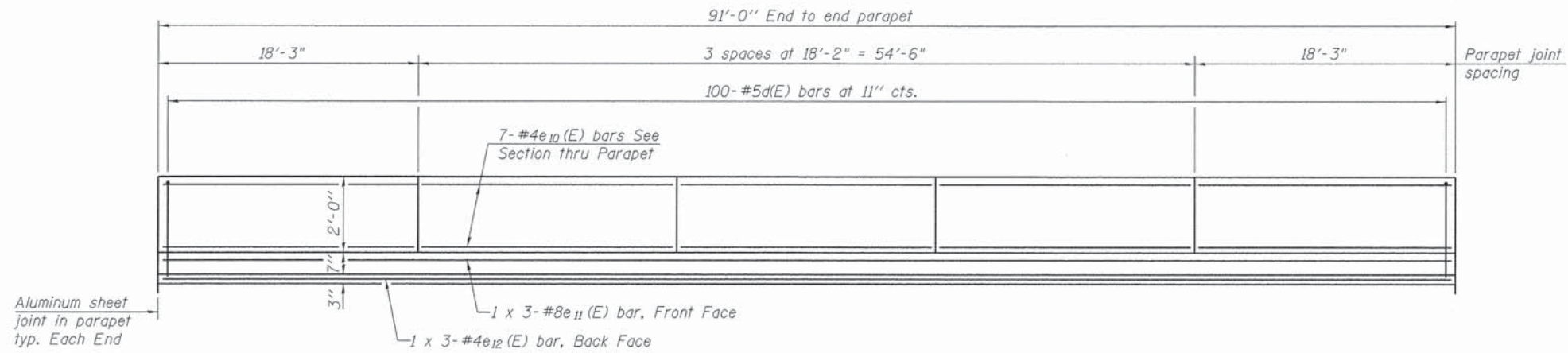
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PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS

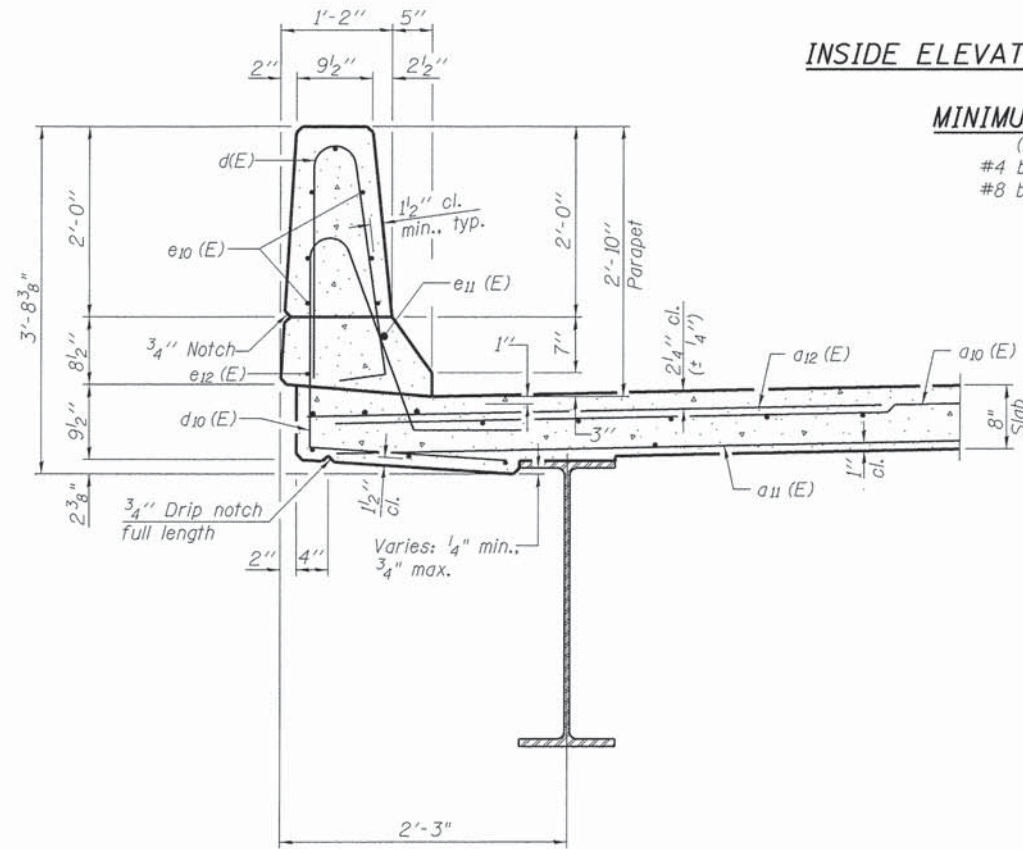
SUPERSTRUCTURE PLAN AND CROSS SECTION
STRUCTURE NO. 072-3152

SHEET NO. 5 OF 14 SHEETS

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		CONTRACT NO. 89371	
[ILLINOIS] FED. AID PROJECT			

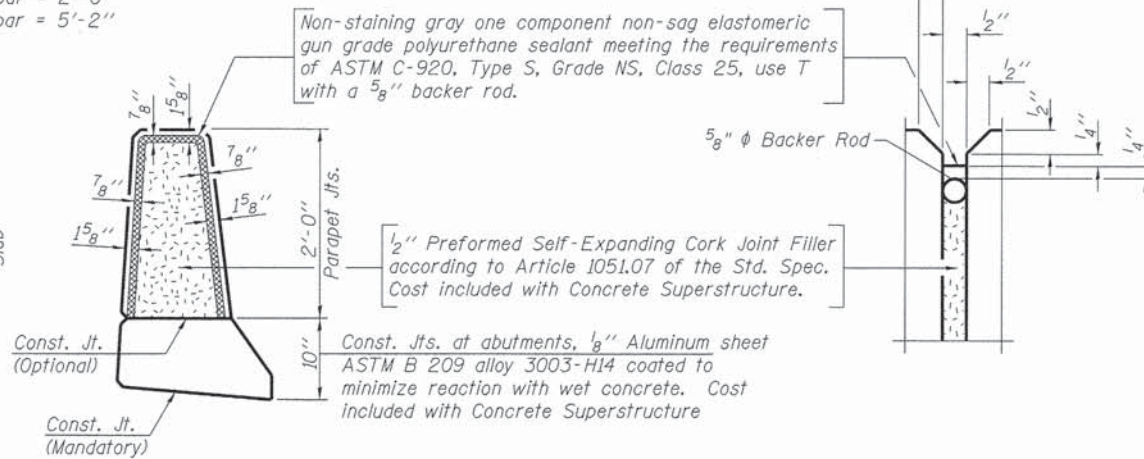


INSIDE ELEVATION OF PARAPET



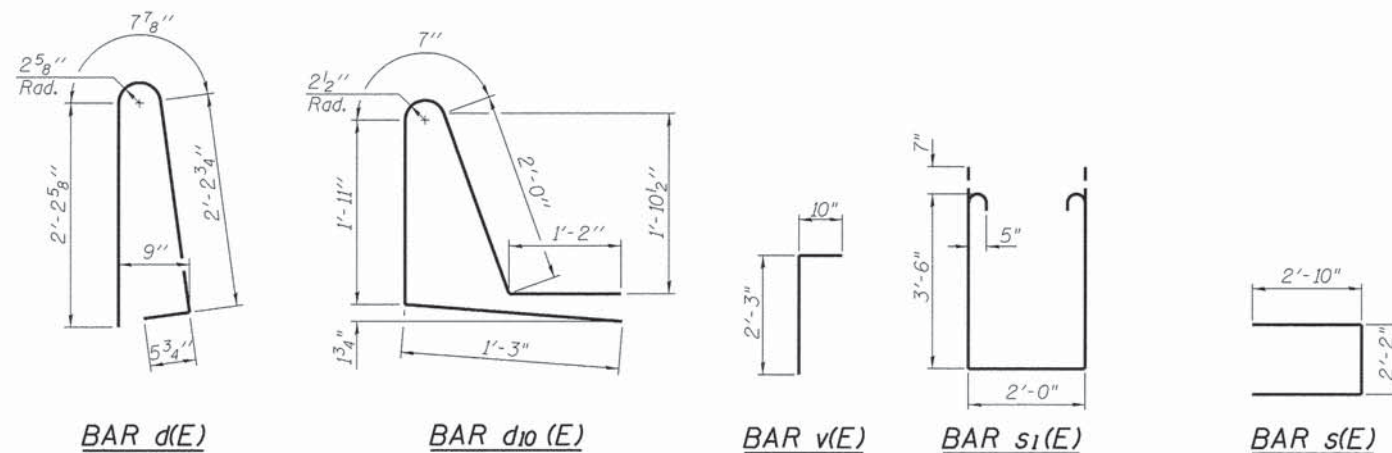
MINIMUM BAR LAP

(Parapet)
 #4 bar = 2'-0"
 #8 bar = 5'-2"



PARAPET JOINT DETAILS

SECTION THRU PARAPET



SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a10(E)	182	#5	32'-6"	—
a11(E)	121	#5	32'-6"	—
a12(E)	364	#6	6'-6"	—
b10(E)	144	#5	24'-8"	—
b11(E)	96	#5	32'-0"	—
d(E)	200	#5	5'-7"	⌋
d10(E)	200	#5	6'-11"	⌋
e10(E)	70	#4	17'-10"	—
e11(E)	6	#8	33'-8"	—
e12(E)	6	#4	31'-7"	—
m(E)	8	#6	32'-10"	—
m1(E)	24	#6	6'-10"	—
m2(E)	12	#6	1'-11"	—
m3(E)	30	#5	4'-0"	—
s(E)	64	#5	7'-10"	⌋
s1(E)	64	#5	10'-2"	⌋
v(E)	66	#5	3'-1"	⌋
Reinforcement Bars, Epoxy Coated			Pound	27,060
Concrete Superstructure			Cu. Yds.	124.0

Bars indicated thus 1 x 3-#8 etc. indicates 1 line of bars with 3 lengths per line.

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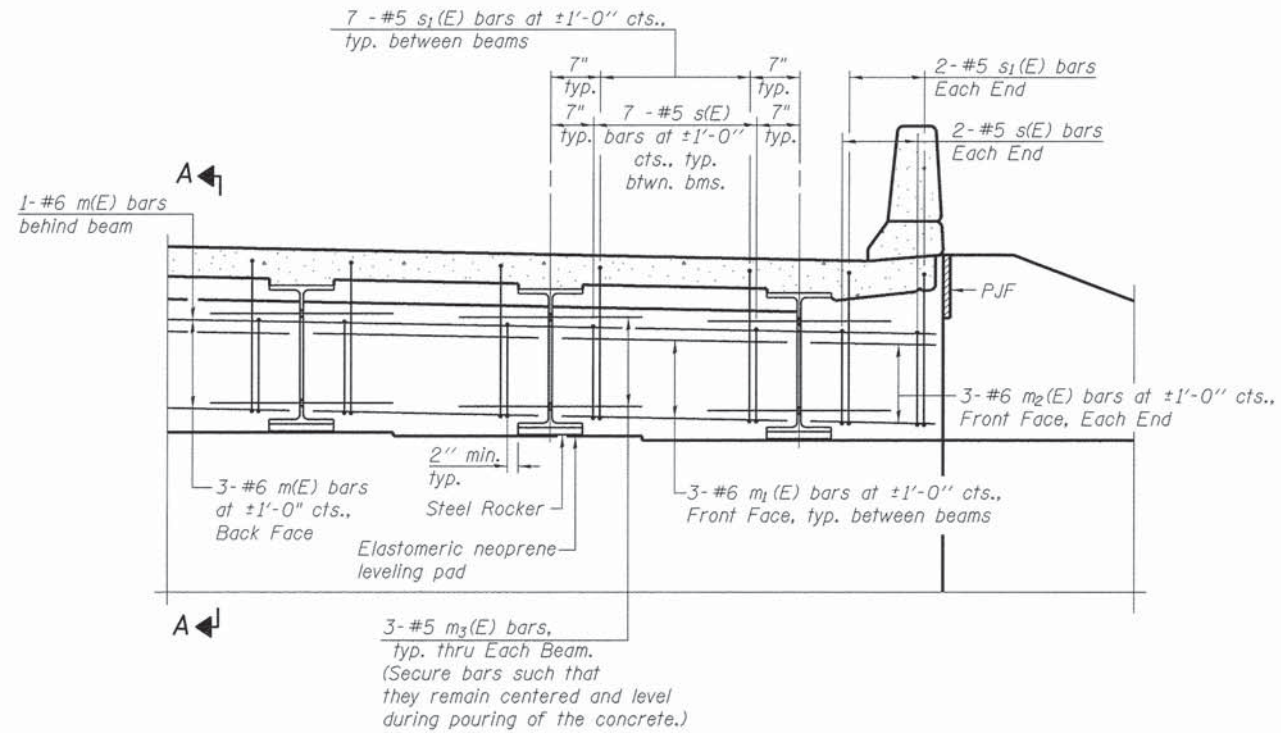
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**PEORIA COUNTY HIGHWAY DEPARTMENT
 PEORIA COUNTY, ILLINOIS**

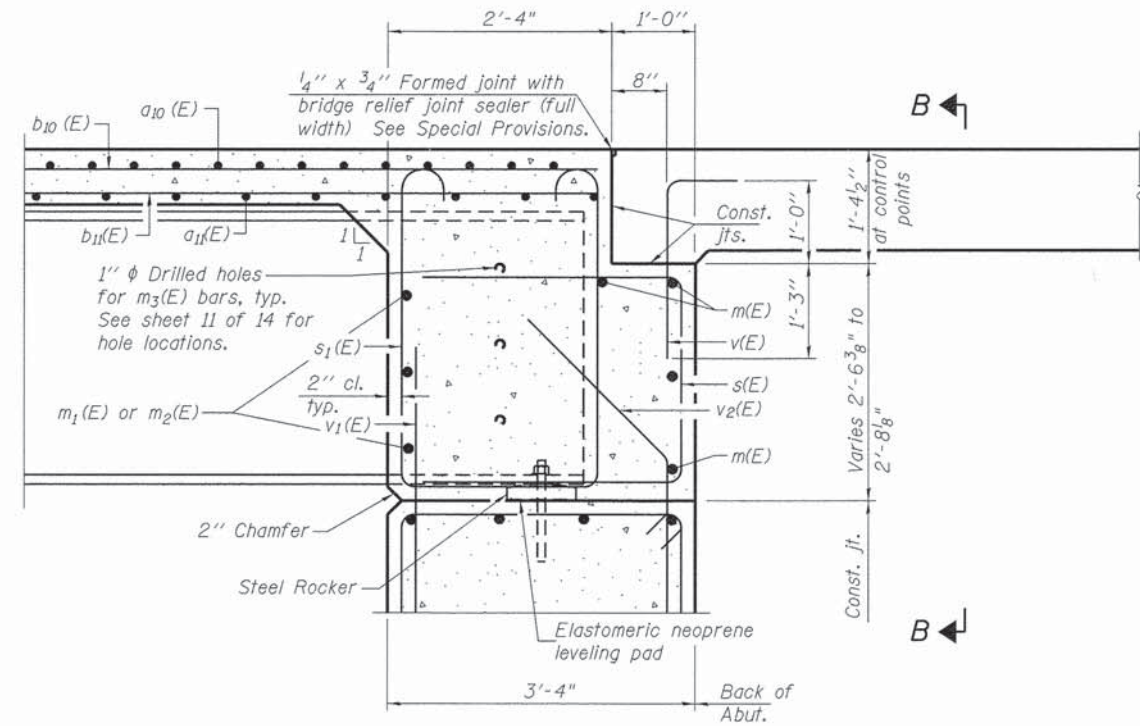
**SUPERSTRUCTURE DETAILS
 STRUCTURE NO. 072-3152**

SHEET NO. 6 OF 14 SHEETS

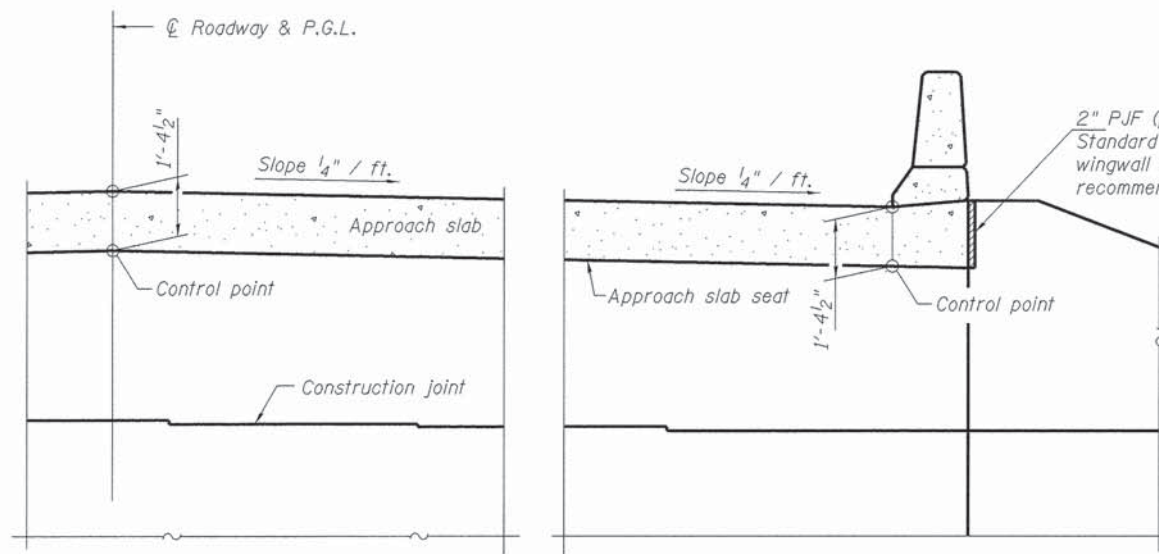
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		CONTRACT NO. 89371	
ILLINOIS FED. AID PROJECT			



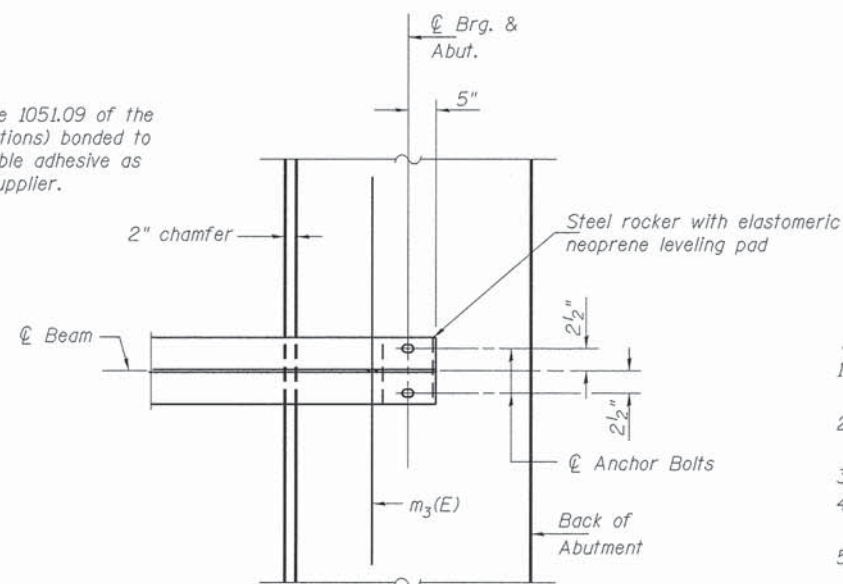
DIAPHRAGM ELEVATION AT ABUTMENT



SECTION A-A



SECTION B-B



PARTIAL PLAN AT ABUTMENT
(Showing bottom flange of beam)

NOTES:

1. Reinforcement bars in diaphragm are billed with superstructure on sheet 6 of 14.
2. Concrete in diaphragm is included with Concrete Superstructure on sheet 6 of 14.
3. For details of bars s(E), s1(E) and v(E) see sheet 6 of 14.
4. The approach slab seat shall have a constant slope determined from the control points shown.
5. For bearing details see sheet 11 of 14.

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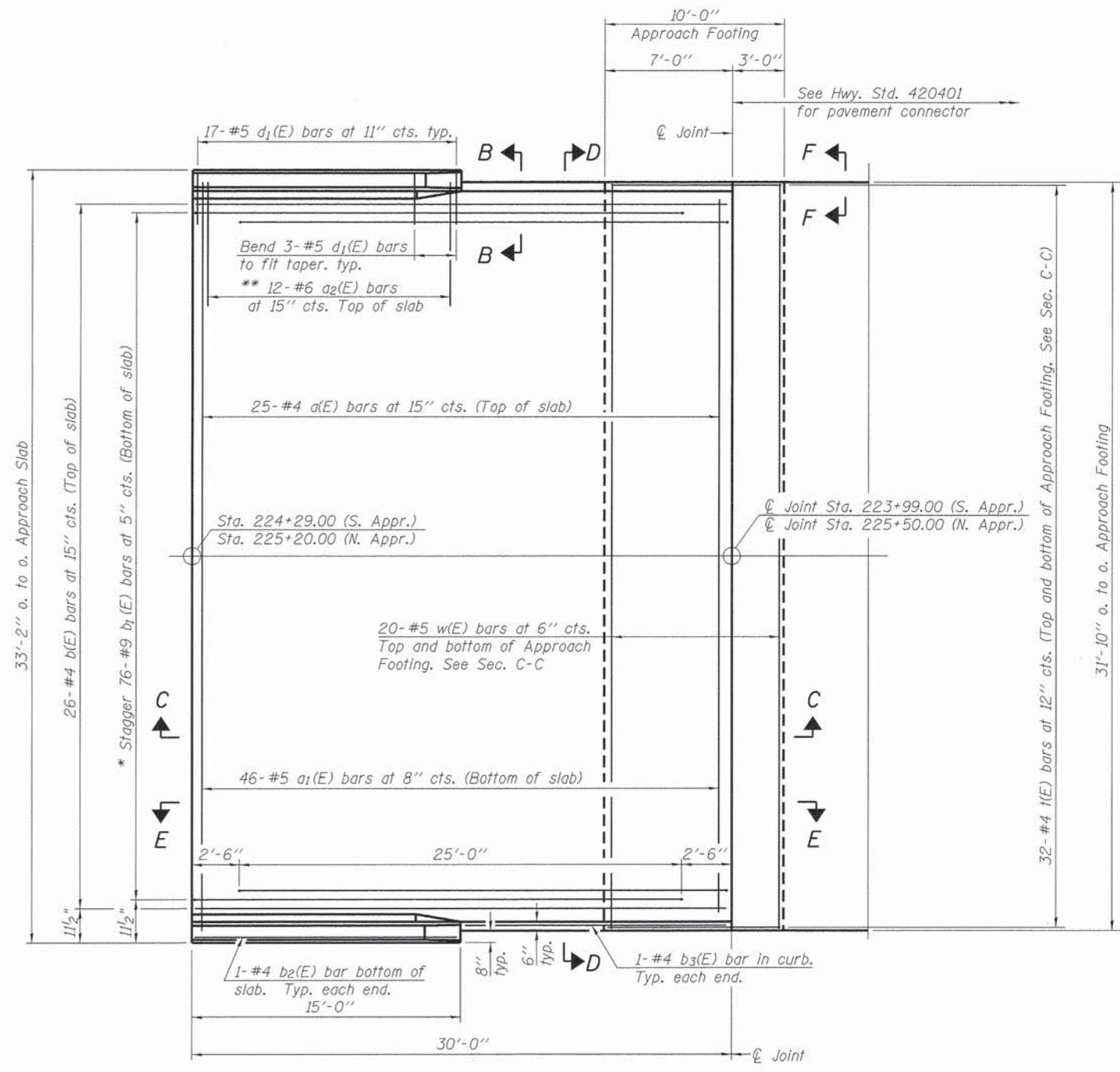
PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS

INTEGRAL ABUTMENT DIAPHRAGM DETAILS
STRUCTURE NO. 072-3152

SHEET NO. 7 OF 14 SHEETS

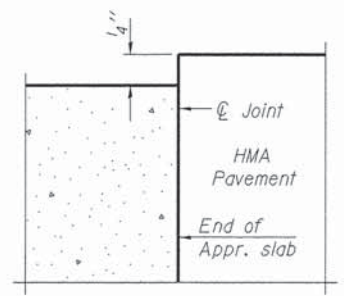
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		CONTRACT NO. 89371	
ILLINOIS FED. AID PROJECT			

Notes:
 See sheet 9 of 14 for Sections C-C & D-D and View E-E.
 a(E) and a₁(E) bar spacings measured along C Rdwy.
 The joint opening shall be determined per Article 520.04 except that on jointless structures, the distance described as the bridge length between the nearest fixed bearings each way from the joint shall be taken as half the bridge length plus the approach slab length. The minimum dimension shall be 1'2" for installation purposes.

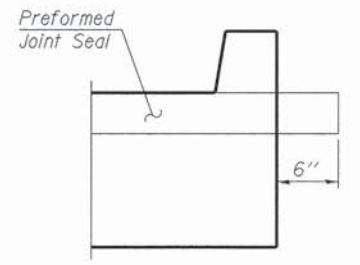


PLAN

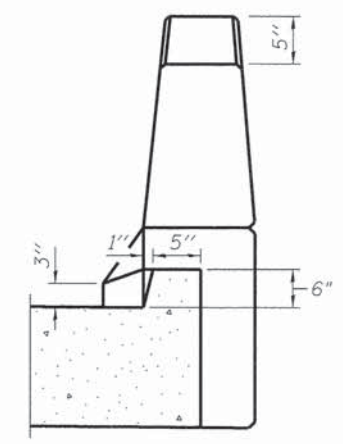
* Tilt #9 b₁(E) bars as required to maintain clearance.
 ** Space between a(E) bars, typ. ea. parapet.



FLEXIBLE PAVEMENT
 DETAIL A



VIEW F-F



VIEW B-B

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PEORIA COUNTY HIGHWAY DEPARTMENT
 PEORIA COUNTY, ILLINOIS

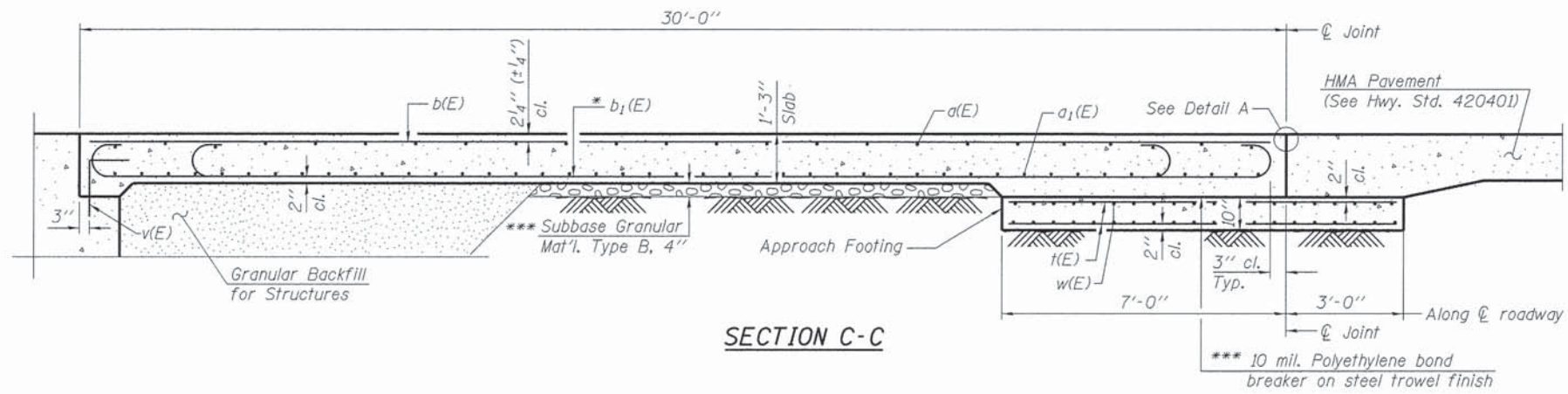
BRIDGE APPROACH SLAB DETAILS I
 STRUCTURE NO. 072-3152

SHEET NO. 8 OF 14 SHEETS

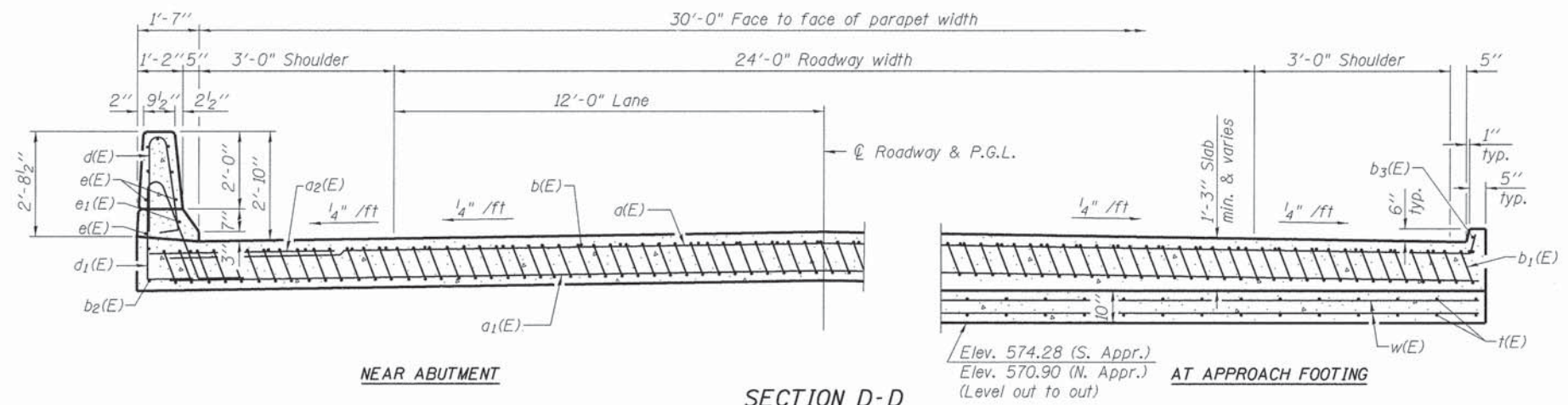
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00014-00-BR	PEORIA	64	31
CONTRACT NO. 89371		ILLINOIS FED. AID PROJECT	

Notes:

See sheet 8 of 14 for Detail A and View B-B.
 Approach slab and parapet concrete shall be paid for as Concrete Superstructure.
 Approach footing concrete shall be paid for as Concrete Structures.
 Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
 For v(E) bar details, see sheet 6 of 14.
 The approach footing maximum applied service bearing pressure (Q_{max}) = 2.0 ksf.
 Cost of excavation for approach footing included with Concrete Structures.
 For Granular Backfill for Structures and drainage treatment details, see sheet 2 of 14.
 For additional parapet details, see sheet 6 of 14.

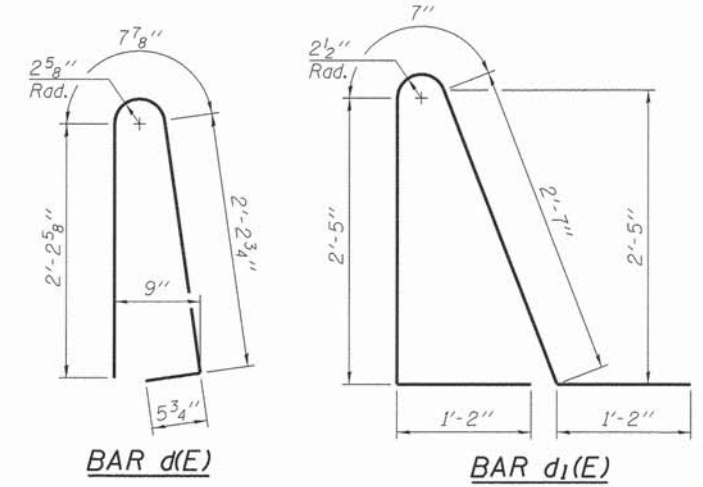


SECTION C-C



SECTION D-D

(See Plan for dimensions not shown)

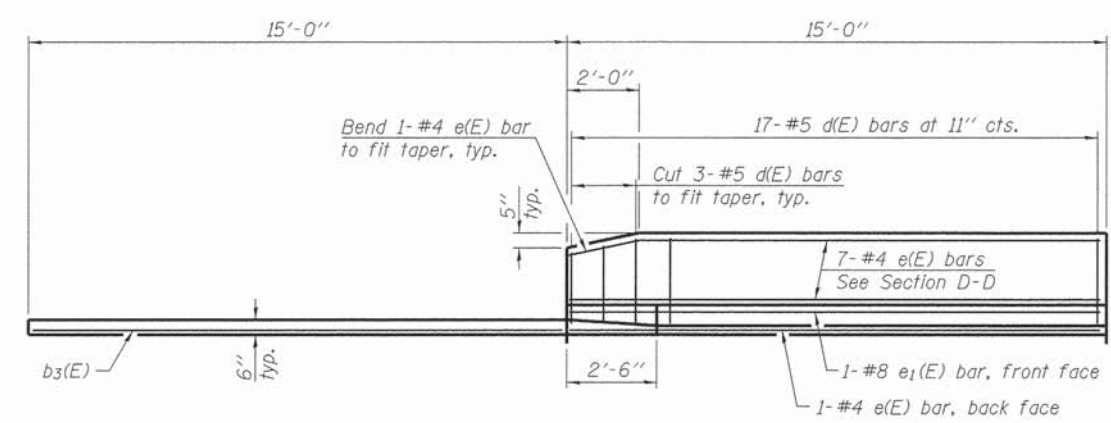


BAR d(E)

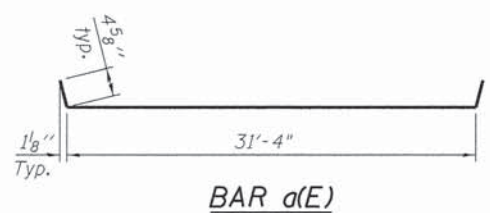
BAR d1(E)

* Tilt #9 b1(E) bars as required to maintain clearance.

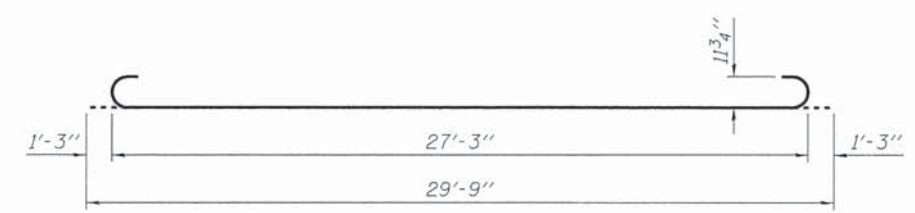
*** Cost included with Concrete Superstructure.



VIEW E-E



BAR a(E)



BAR b1(E)

TWO APPROACHES
 BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	50	#4	32'-2"	U
a1(E)	92	#5	31'-6"	—
a2(E)	48	#6	6'-6"	—
b(E)	52	#4	29'-8"	—
b1(E)	152	#9	29'-9"	U
b2(E)	4	#4	14'-8"	—
b3(E)	4	#4	14'-8"	—
d(E)	68	#5	5'-7"	U
d1(E)	68	#5	7'-11"	U
e(E)	32	#4	14'-8"	—
e1(E)	4	#8	14'-8"	—
t(E)	128	#4	9'-8"	—
w(E)	80	#5	31'-6"	—
Concrete Superstructure		Cu. Yd.	100.5	
Concrete Structures		Cu. Yd.	19.7	
Reinforcement Bars, Epoxy Coated		Pound	25,930	

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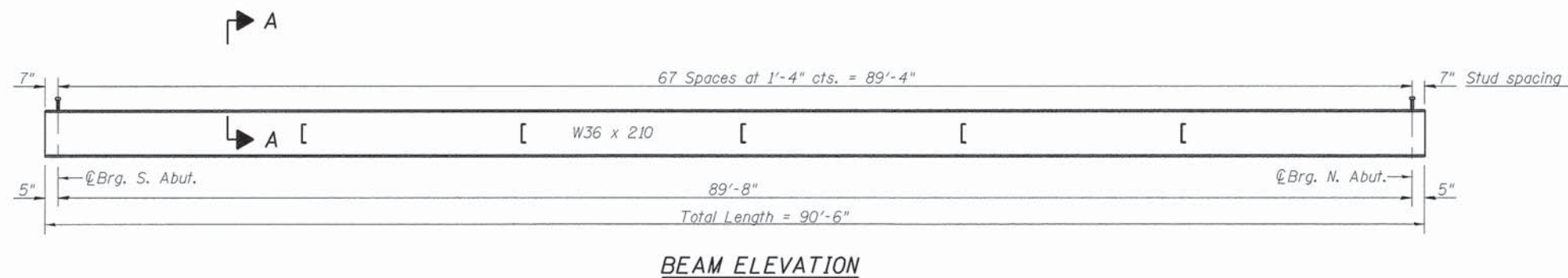
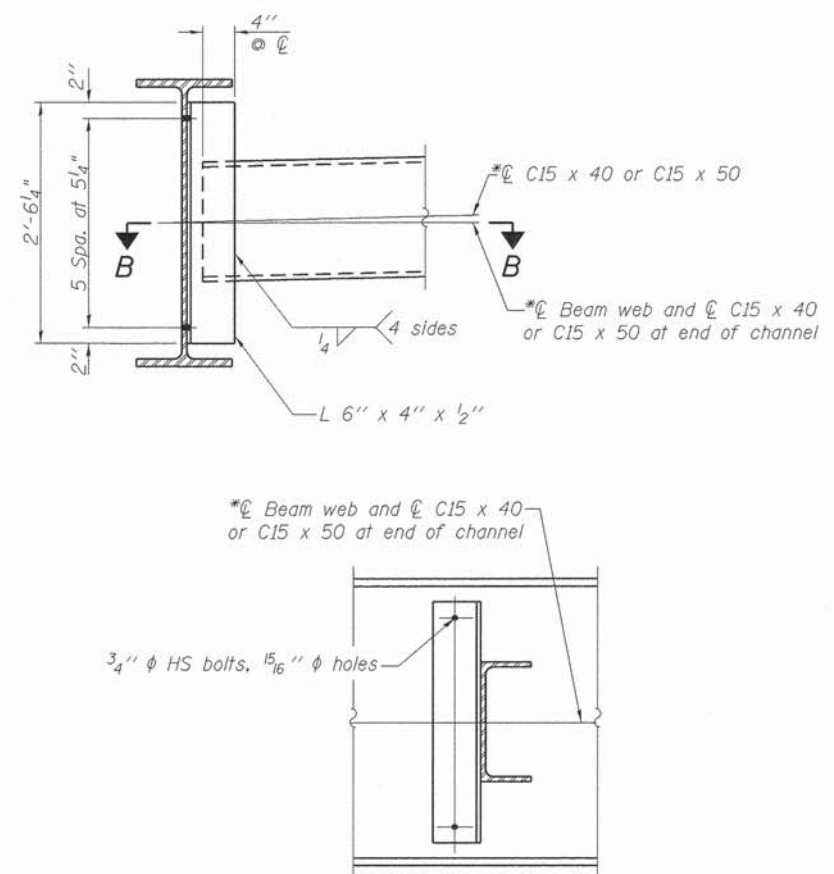
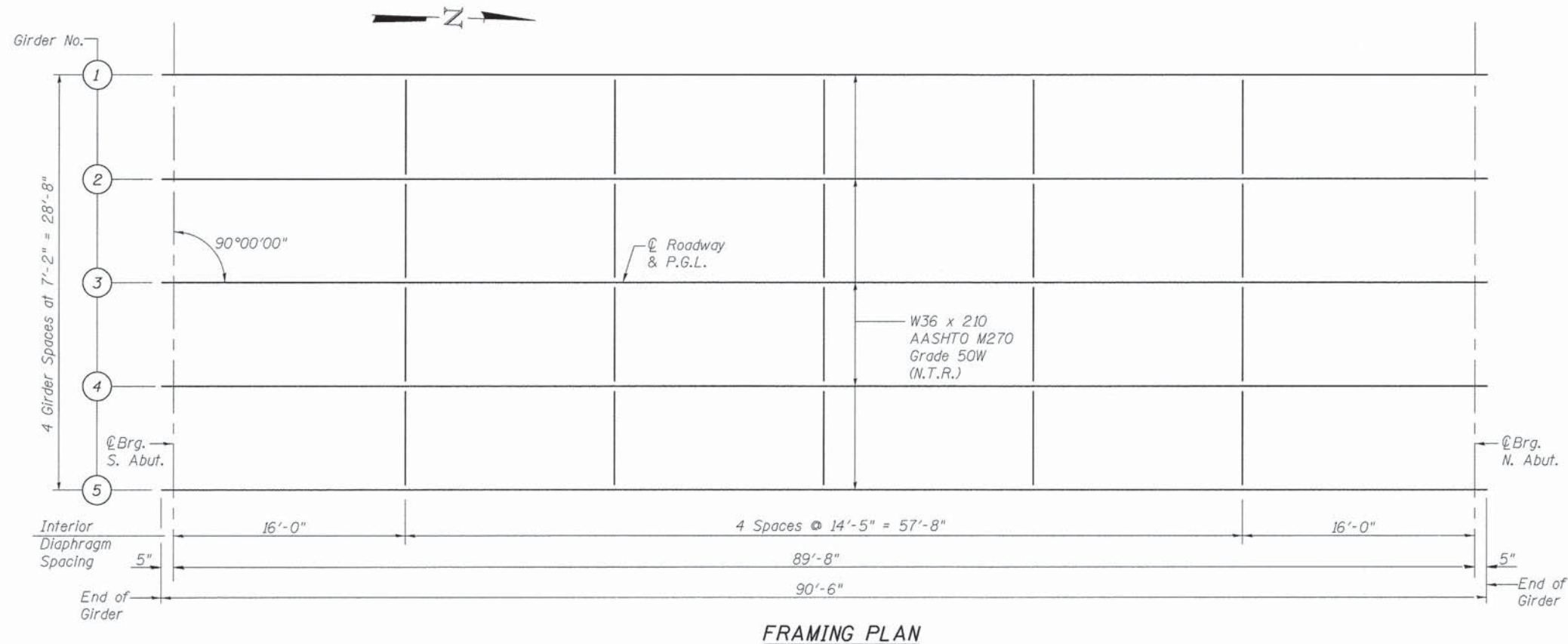
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	DRAWN - AWH	REVISIONS
	CHECKED - RJK	REVISIONS

PEORIA COUNTY HIGHWAY DEPARTMENT
 PEORIA COUNTY, ILLINOIS

BRIDGE APPROACH SLAB DETAILS II
 STRUCTURE NO. 072-3152

SHEET NO. 9 OF 14 SHEETS

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00014-00-BR	PEORIA	64	32
		CONTRACT NO. 89371	
ILLINOIS FED. AID PROJECT			

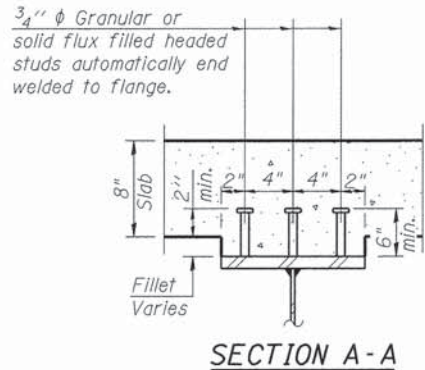


INTERIOR DIAPHRAGM

Note:
Two hardened washers required for each set of oversized holes.
*Alternate channels are permitted to facilitate material acquisition. Calculated weight of structural steel is based on the lighter section. The alternate, if utilized, shall be provided at no additional cost to the Department.

NOTES:

- All cross frames or diaphragms shall be installed as steel is erected and secured with erection pins and bolts except as otherwise noted. Individual cross frames or diaphragms at supports may be temporarily disconnected to install bearing anchor rods.
- Load carrying components designed "N.T.R." shall conform to the supplemental requirements for notch toughness (Zone 2).
- All steel for beams, cross frames and connection plates shall be AASHTO M270 Grade 50W.



TOP OF BEAM ELEVATIONS

LOCATION	GIRDER 1	GIRDER 2	GIRDER 3	GIRDER 4	GIRDER 5
@ Brg. S. Abut.	574.73	574.88	575.03	574.88	574.73
@ Brg. N. Abut.	572.55	572.70	572.85	572.70	572.55

For fabrication only

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Stud Shear Connectors	Each	1,020

DIRECTORY = L:\PCH\0630\000\Draw\CADD_Sheet...
 USER NAME =



FILE NAME = 10 Framing Plan.dgn
 PLOT DATE = 9/8/2015 11:22:38 AM

DESIGNED - CJW
 CHECKED - BPD
 DRAWN - AWH
 CHECKED - RJK

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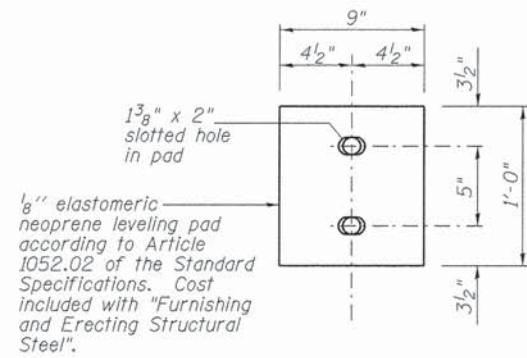
PEORIA COUNTY HIGHWAY DEPARTMENT
 PEORIA COUNTY, ILLINOIS

FRAMING PLAN AND DETAILS
 STRUCTURE NO. 072-3152

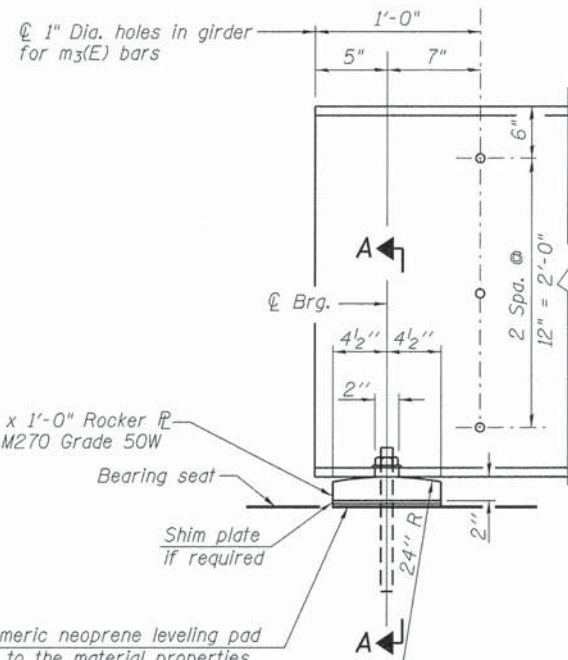
SHEET NO. 10 OF 14 SHEETS

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00014-00-BR	PEORIA	64	33
		CONTRACT NO. 89371	

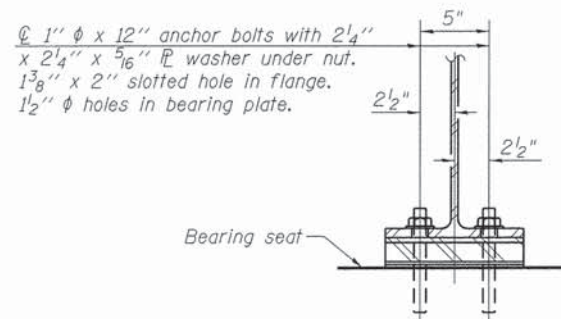
ILLINOIS FED. AID PROJECT



**PLAN
ELASTOMERIC NEOPRENE
LEVELING PAD (ABUT.)**
(10 Required)



ELEVATION AT ABUTMENT



**SECTION A-A
FIXED BEARING AT ABUTMENTS**

INTERIOR GIRDER MOMENT TABLE		
		0.5 Span
I_s	(in ⁴)	13,200
$I_c(n)$	(in ⁴)	31,843
$I_c(3n)$	(in ⁴)	22,963
$I_c(cr)$	(in ⁴)	15,287
S_s	(in ³)	719
$S_c(n)$	(in ³)	1,023
$S_c(3n)$	(in ³)	915
$S_c(cr)$	(in ³)	769
DC1	(k/ft)	0.976
MDC1	(k)	961
DC2	(k/ft)	0.180
MDC2	(k)	181
DW	(k/ft)	0.300
MDW	(k)	302
$M_{\xi} + IM$	(k)	1,379
M_u (Strength I)	(k)	4,294
$\phi_r M_n$	(k)	5,043
f_s DC1	(ksi)	11.27
f_s DC2	(ksi)	2.37
f_s DW	(ksi)	3.96
f_s ($\xi + IM$)	(ksi)	16.18
f_s (Service II)	(ksi)	38.63
$0.95R_h F_y f$	(ksi)	47.5
V_r	(k)	26.2

INTERIOR GIRDER REACTION TABLE		
N. and S. Abut.		
R_{DC1}	(k)	54.7
R_{DC2}	(k)	10.1
R_{DW}	(k)	20.2
$R_{\xi} + IM$	(k)	151
R_{Total}	(k)	236

- I_s, S_s : Non-composite moment of inertia and section modulus of the steel section used for computing f_s (Total-Strength I, and Service II) due to non-composite dead loads (in⁴ and in³).
- $I_c(n), S_c(n)$: Composite moment of inertia and section modulus of the steel and deck based upon the modular ratio, "n", used for computing f_s (Total-Strength I, and Service II) in uncracked sections due to short-term composite live loads (in⁴ and in³).
- $I_c(3n), S_c(3n)$: Composite moment of inertia and section modulus of the steel and deck based upon 3 times the modular ratio, "3n", used for computing f_s (Total-Strength I, and Service II) in uncracked sections, due to long-term composite (superimposed) dead loads (in⁴ and in³).
- $I_c(cr), S_c(cr)$: Composite moment of inertia and section modulus of the steel and longitudinal deck reinforcement, used for computing f_s (Total-Strength I and Service II) in cracked sections, due to both short-term composite live loads and long-term composite (superimposed) dead loads (in⁴ and in³).
- DC1: Un-factored non-composite dead load (kips/ft.).
- MDC1: Un-factored moment due to non-composite dead load (kip-ft.).
- DC2: Un-factored long-term composite (superimposed excluding future wearing surface) dead load (kips/ft.).
- MDC2: Un-factored moment due to long-term composite (superimposed excluding future wearing surface) dead load (kip-ft.).
- DW: Un-factored long-term composite (superimposed future wearing surface only) dead load (kips/ft.).
- MDW: Un-factored moment due to long-term composite (superimposed future wearing surface only) dead load (kip-ft.).
- $M_{\xi} + IM$: Un-factored live load moment plus dynamic load allowance (impact) (kip-ft.).
- M_u (Strength I): Factored design moment (kip-ft.).
 $1.25 (M_{DC1} + M_{DC2}) + 1.5 M_{DW} + 1.75 M_{\xi} + IM$
- $\phi_r M_n$: Compact composite positive moment capacity computed according to Article 6.10.7.1 or non-slender negative moment capacity according to Article A6.1.1 or A6.1.2 (kip-ft.).
- f_s DC1: Un-factored stress at edge of flange for controlling steel flange due to vertical non-composite dead loads as calculated below (ksi).
 M_{DC1} / S_{nc}
- f_s DC2: Un-factored stress at edge of flange for controlling steel flange due to vertical composite dead loads as calculated below (ksi).
 $M_{DC2} / S_c(3n)$ or $M_{DC2} / S_c(cr)$ as applicable.
- f_s DW: Un-factored stress at edge of flange for controlling steel flange due to vertical composite future wearing surface loads as calculated below (ksi).
 $M_{DW} / S_c(3n)$ or $M_{DW} / S_c(cr)$ as applicable.
- f_s ($\xi + IM$): Un-factored stress at edge of flange for controlling steel flange due to vertical composite live load plus impact loads as calculated below (ksi).
 $M_{\xi} + IM / S_c(n)$ or $M_{DW} / S_c(cr)$ as applicable.
- f_s (Service II): Sum of stresses as computed below (ksi).
 $f_{sDC1} + f_{sDC2} + f_{sDW} + 1.3 f_s (\xi + IM)$
- $0.95R_h F_y f$: Composite stress capacity for Service II loading according to Article 6.10.4.2 (ksi).
- V_r : Maximum factored shear range in span computed according to Article 6.10.10.

NOTES:

- The structural steel plates of the Bearing Assembly shall conform to the requirements of AASHTO M 270 Grade 50W.
- Two 1/8" adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Anchor Bolts, 1"	Each	20

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FILE NAME = 11 Str Steel Details.dgn
 PLOT DATE = 9/8/2015 - 11:22:39 AM

DESIGNED - CJW
 CHECKED - BPD
 DRAWN - AWH
 CHECKED - RJK

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 REVISED

**PEORIA COUNTY HIGHWAY DEPARTMENT
 PEORIA COUNTY, ILLINOIS**

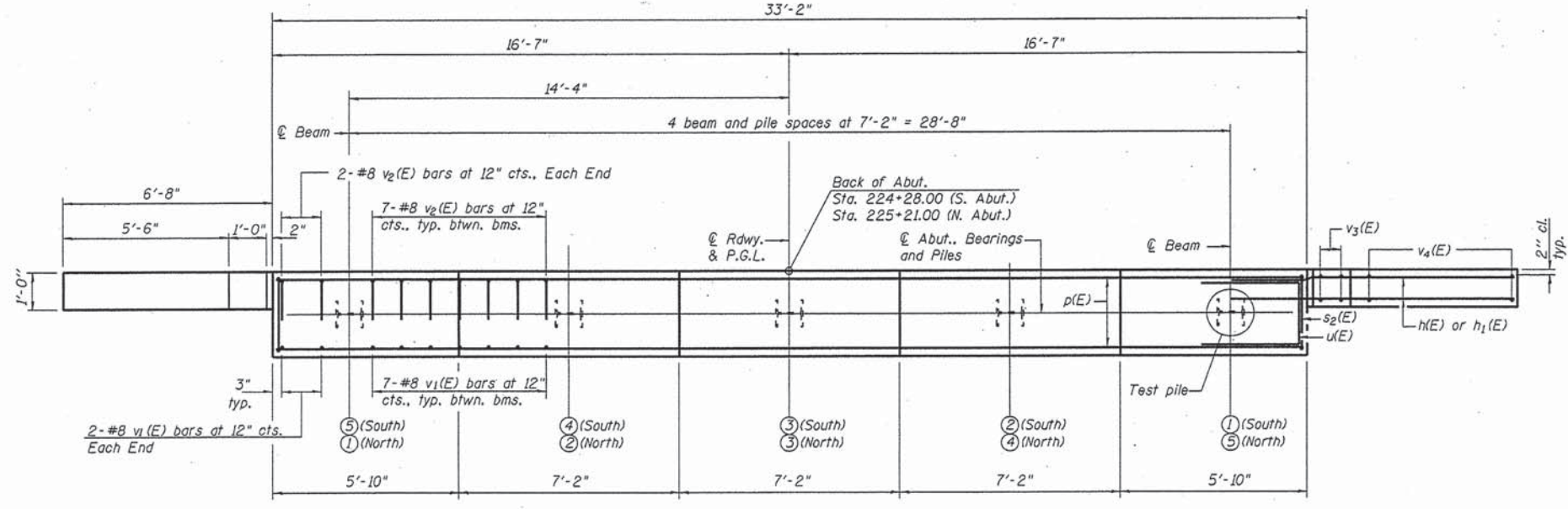
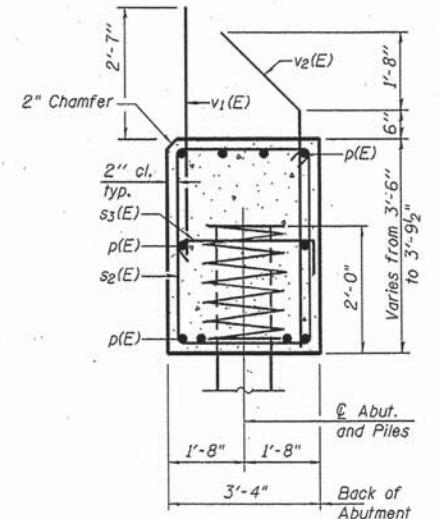
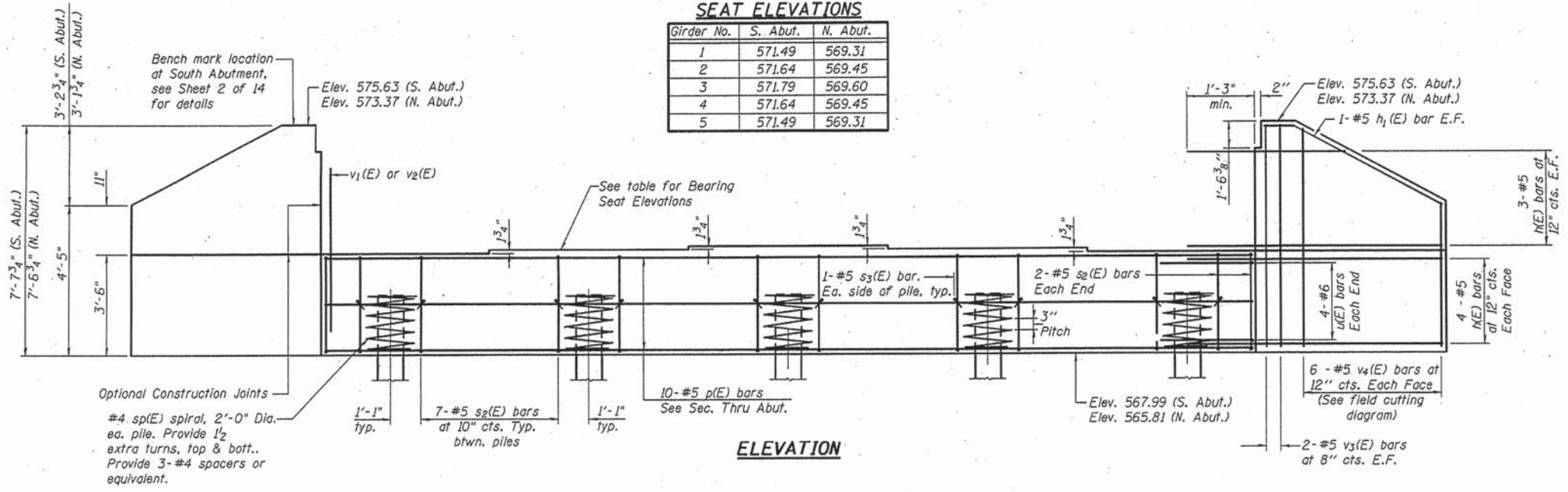
**STRUCTURAL STEEL DETAILS
 STRUCTURE NO. 072-3152**

SHEET NO. 11 OF 14 SHEETS

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00014-00-BR	PEORIA	64	34
		CONTRACT NO. 89371	
ILLINOIS FED. AID PROJECT			

BEARING SEAT ELEVATIONS

Girder No.	S. Abut.	N. Abut.
1	571.49	569.31
2	571.64	569.45
3	571.79	569.60
4	571.64	569.45
5	571.49	569.31



TWO ABUTMENTS BILL OF MATERIAL

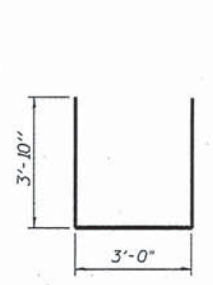
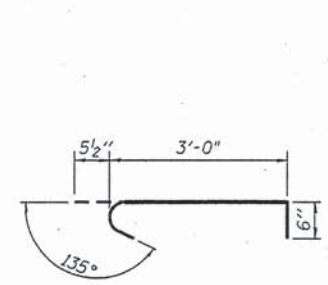
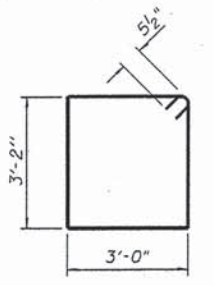
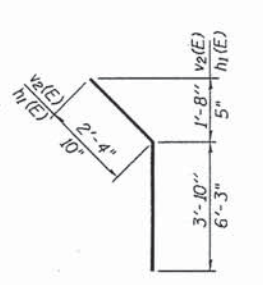
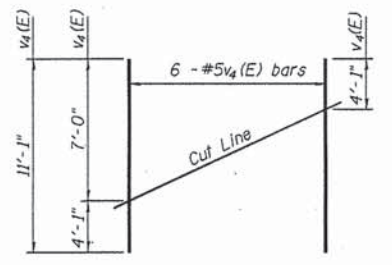
Bar No.	Size	Length	Shape
h ₁ (E)	8 #5	7'-1"	—
p(E)	20 #5	32'-10"	—
s ₂ (E)	64 #5	13'-3"	□
s ₃ (E)	20 #5	4'-0"	┌
sp(E)	10 #4	2'-0"	⋈
u(E)	16 #6	10'-8"	—
v ₁ (E)	64 #8	5'-11"	—
v ₂ (E)	64 #8	6'-2"	—
v ₃ (E)	16 #5	7'-2"	—
v ₄ (E)	24 #5	11'-1"	—
Structure Excavation	Cu. Yd.	116	
Concrete Structures	Cu. Yd.	35.9	
Reinforcement Bars, Epoxy Coated	Pound	5,340	
Furnishing Steel Piles, HP14X73	Foot	352	
Driving Piles	Foot	352	
Test Pile, HP14X73	Each	2	
Pile Shoes	Each	10	

* Length is height of spiral.

PILE DATA

South Abutment
Type: HP 14x73 with Pile Shoes
Nominal Required Bearing: 573 Kips
Factored Resistance Available: 312 Kips
Est. Length: 46 ft.
No. Production Piles: 4
No. Test Piles: 1

North Abutment
Type: HP 14x73 with Pile Shoes
Nominal Required Bearing: 535 Kips
Factored Resistance Available: 294 Kips
Est. Length: 42 ft.
No. Production Piles: 4
No. Test Piles: 1
Precored hole bottom elev: 553.00



NOTES:

1. Pour steps monolithically with cap.
2. Space reinforcement to miss anchor bolts.
3. See Sheet 2 of 14 for Abutment Backfill requirements.
4. See Sheet 13 of 14 for Steel H-Pile Details.
5. North abutment piles shall be driven through 2'-0" diameter precored holes extending to elevation 553.00 according to Article 512.09(c) of the Standard Specifications. Cost included in Driving Piles.



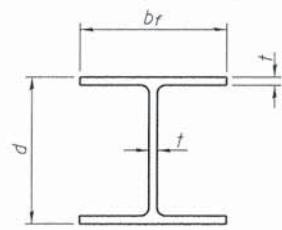
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CHECKED - BPD	REVISIONS
DRAWN - AWH	REVISIONS
CHECKED - RJK	REVISIONS

**PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS**

**ABUTMENTS
STRUCTURE NO. 072-3152
SHEET NO. 12 OF 14 SHEETS**

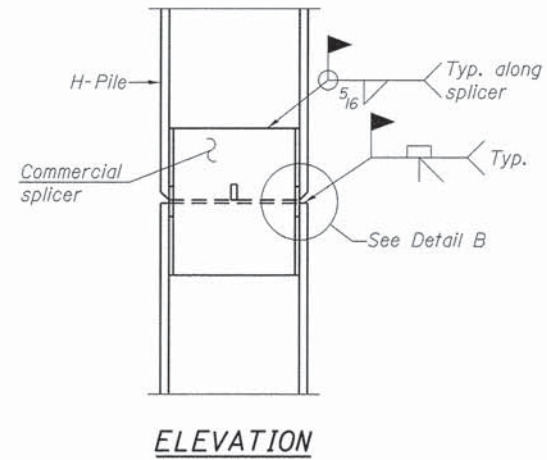
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00014-00-BR	PEORIA	64	35
CONTRACT NO. 89371			
ILLINOIS FED. AID PROJECT			

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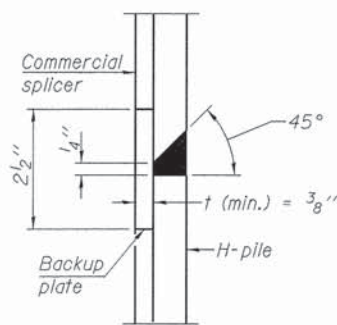


STEEL PILE TABLE

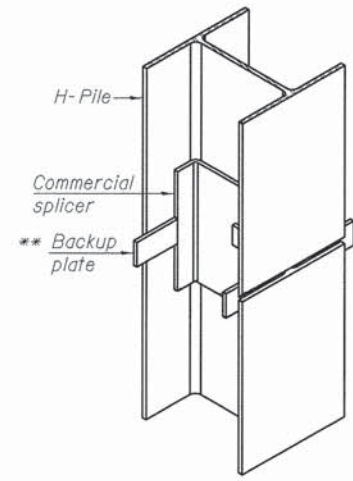
Designation	Depth d	Flange width br	Web and Flange thickness t	Encasement diameter A
HP 14x117	14 1/4"	14 7/8"	13/16"	30"
x102	14"	14 3/4"	1/16"	30"
x89	13 7/8"	14 3/4"	5/8"	30"
x73	13 5/8"	14 5/8"	1/2"	30"
HP 12x84	12 1/4"	12 1/4"	1/16"	24"
x74	12 1/8"	12 1/4"	5/8"	24"
x63	12"	12 1/8"	1/2"	24"
x53	11 3/4"	12"	7/16"	24"
HP 10x57	10"	10 1/4"	9/16"	24"
x42	9 3/4"	10 1/8"	7/16"	24"
HP 8x36	8"	8 1/8"	7/16"	18"



ELEVATION

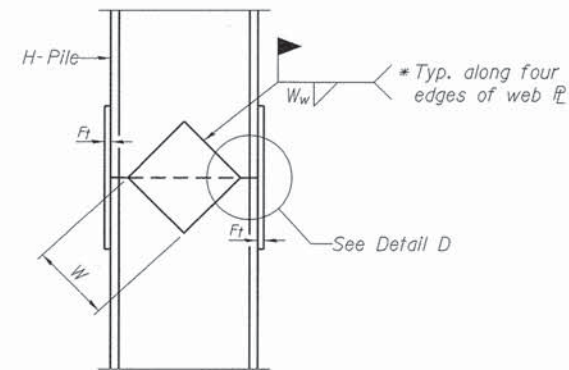


DETAIL "B"

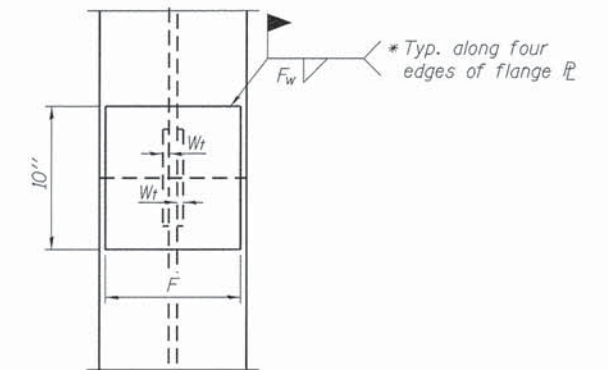


ISOMETRIC VIEW

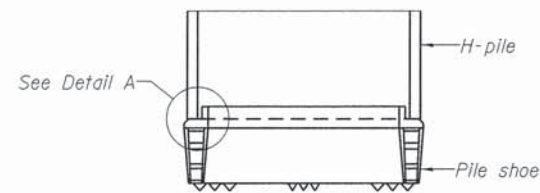
WELDED COMMERCIAL SPLICE



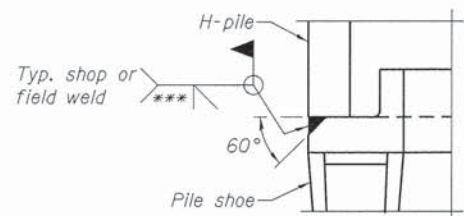
ELEVATION



END VIEW

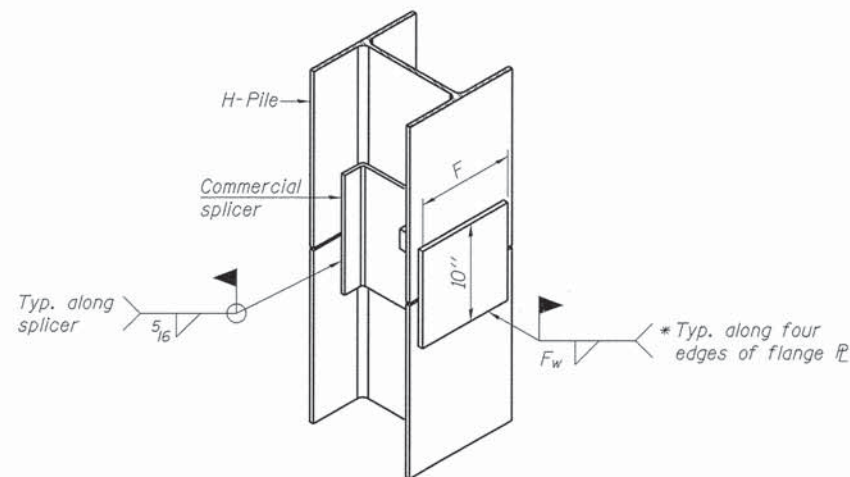


ELEVATION

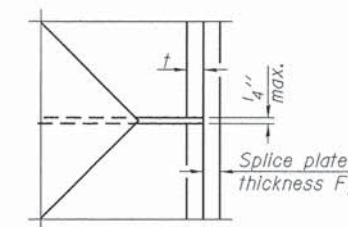


DETAIL A

H-PILE SHOE ATTACHMENT



ISOMETRIC VIEW



DETAIL D

WELDED PLATE FIELD SPLICE

Designation	F	F _t	F _w	W	W _t	W _w
HP 14x117	12 1/2"	1"	7/8"	7 3/4"	5/8"	1/2"
x102	12 1/2"	7/8"	3/4"	7 3/4"	5/8"	1/2"
x89	12 1/2"	3/4"	1/16"	7 3/4"	5/8"	1/2"
x73	12 1/2"	5/8"	9/16"	7 3/4"	5/8"	1/2"
HP 12x84	10"	7/8"	1/16"	6 1/2"	5/8"	1/2"
x74	10"	7/8"	1/16"	6 1/2"	5/8"	1/2"
x63	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
x53	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
HP 10x57	8"	3/4"	9/16"	5 1/4"	1/2"	3/8"
x42	8"	5/8"	9/16"	5 1/4"	1/2"	3/8"
HP 8x36	7"	5/8"	7/16"	4 1/4"	1/2"	3/8"

WELDED COMMERCIAL SPLICE ALTERNATE

- * Interrupt welds 1/4" from end of web and/or each flange.
- ** Remove portions of backup plates that extend outside the flanges.
- *** Weld size per pile shoe manufacturer (5/16" min.).

Note:
The steel H-piles shall be according to AASHTO M270 Grade 50.

ILLINOIS DEPARTMENT OF TRANSPORTATION
Ramsey Geotechnical Engineering
STRUCTURE BORING LOG

Page 1 of 1
Date 11/28/14

ROUTE Eden Road DESCRIPTION Bridge Over Nixon Run
 SECT. _____ STRUCT. NO. 072-3039 DRILLED BY B. Williamson
 COUNTY Peoria LOCATION _____ S.16/17, TWP. 9N, R.NG. 6E

Boring No. B-1 N. Abutment Station 225+43 Offset 12.00ft LT
 Surface Elev. 572.10 ft

DEPTH	BLOW	QU	W	DEPTH	BLOW	QU	W
H	S	tsf	%	H	S	tsf	%
	3	P	9		2	B	31
	3	2.5			2	0.62	
	3				3		
589.10							
	7				1	P	28
	4				2	0.5	
	5				2		
586.10							
	3	P	12				
	3	1.0					
	3						
539.10							
	3	P	12		2		27
	3	1.0			2		
	4				2		
581.10							
	2	P	29				
	3	0.5					
	3						
535.10							
	2	P	33		12		16
	3	0.5			17		
	4				21		
532.10							
	3	P	27				
	3	0.5					
	3						
554.10							
	2		23		15	S	15
	3				25	3.43	
	3				50/5"		
527.10							
551.10							
	3	B	26				
	3	0.74					
	4						
549.10							
	5	B	31				
	4	0.74					
	3						
547.10							

Surface Water Elev. _____
 Groundwater Elev. when drilling 554.1
 at Completion _____
 after _____ Hrs. _____

Very stiff brown SILTY CLAY LOAM
 Medium stiff to soft gray SILTY LOAM
 Railroad Timber
 Stiff brown SILTY CLAY LOAM
 Very loose gray SANDY LOAM
 Soft dark brown SILTY LOAM
 Dense gray fine to coarse SAND
 Very stiff gray WEATHERED SHALE
 Loose dark brown SANDY LOAM
 End of Boring at 45' - Auger Refusal
 Medium stiff dark brown SILTY CLAY LOAM
 Medium stiff gray SILTY LOAM

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
Ramsey Geotechnical Engineering
STRUCTURE BORING LOG

Page 1 of 1
Date 11/28/14

ROUTE Eden Road DESCRIPTION Bridge Over Nixon Run
 SECT. _____ STRUCT. NO. 072-3039 DRILLED BY B. Williamson
 COUNTY Peoria LOCATION _____ S.16/17, TWP. 9N, R.NG. 6E

Boring No. B-2 S. Abutment Station 224+34 Offset 16.50ft RT
 Surface Elev. 572.30 ft

DEPTH	BLOW	QU	W	DEPTH	BLOW	QU	W
H	S	tsf	%	H	S	tsf	%
	4	P	11		2	P	38
	2	0.5			2	0.5	
	2				2		
546.30							
	6	P	23		2	B	30
	7	2.5			2	0.82	
	6				2		
589.30							
	3	P	27				
	3	2.0					
	4						
564.30							
	2	B	23		2		28
	3	0.57			3		
	4				3		
539.30							
	2	B	23				
	2	0.77					
	2						
535.30							
	2	P	28		17		
	2	0.5			19		
	3				20		
559.30							
	1		23				
	1						
	2						
554.30							
	1	P	28		20	P	20
	2	0.5			25	3.5	
	2				26		
529.30							
	4	B	30				
	6	0.70					
	6						
550.30							
	4						
	6						
	3						
523.30							

Surface Water Elev. _____
 Groundwater Elev. when drilling 552.3
 at Completion 547.3
 after _____ Hrs. _____

Soft brown-dark brown SILTY CLAY LOAM
 Soft to medium stiff gray SILTY LOAM
 Very stiff brown-gray SILTY CLAY LOAM
 Loose gray SANDY LOAM
 Soft to medium stiff brown-dark brown SILTY CLAY LOAM
 Dense gray fine to coarse SAND
 Soft dark brown SILTY CLAY LOAM
 Very loose brown-gray SANDY LOAM
 Soft to medium stiff brown-gray SILTY LOAM
 Very stiff gray WEATHERED SHALE
 Medium dense to loose gray-brown fine to medium SAND
 Boring Continued With Rock Core

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

Ramsey Geotechnical Engineering
STRUCTURE ROCK CORING LOG

Page 1 of 1
Date 11/28/14

ROUTE Eden Road DESCRIPTION Bridge Over Nixon Run
 SECT. _____ STRUCT. NO. 072-3039 DRILLED BY B. Williamson
 COUNTY Peoria

Boring No. B-2 S. Abutment Core Type NX
 Station 224+34 Core Diameter 2 in
 Offset 16.50ft RT Core Length 8.3 ft

Surface Elev. 572.30 ft

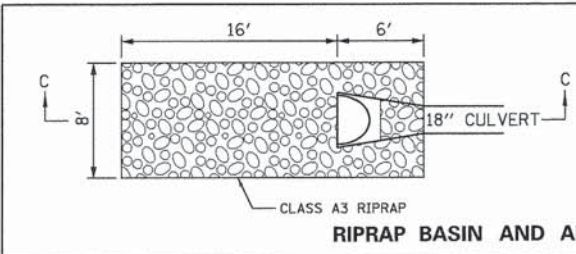
Top Elev. ft	Coring Notes and Rock Description	Core Run (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (Min/ft)	COMP. STRNGTH (tsf)
523.30	Hard gray SHALE					
-50.0						
		1	100	90		
-55.0						
515.00	End of Boring at 57.3'					
-60.0						
-65.0						

Color pictures of the cores _____
 Cores will be stored for examination until _____



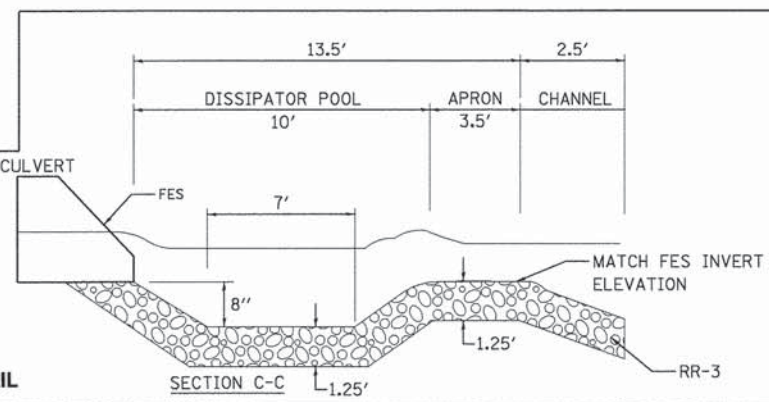
EROSION CONTROL GENERAL NOTES:

1. THE CONTRACTOR SHALL INSTALL ALL APPLICABLE EROSION CONTROL MEASURES PRIOR TO ANY SITE DISTURBANCE.
2. THE CONTRACTOR SHALL ADHERE TO ALL TERMS AND CONDITIONS AS SHOWN ON THIS EROSION CONTROL PLAN. MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.
3. ALL UNSURFACED (OR PERMANENT NON-AGGREGATE) AREAS DISTURBED BY CONSTRUCTION OPERATIONS SHALL RECEIVE A MINIMUM 4" OF TOPSOIL, FERTILIZER, SEED, HYDRAULIC MULCH AND/OR EROSION CONTROL BLANKET IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. ALL TURF AREAS SHALL BE CHECKED REGULARLY TO MAINTAIN A HEALTHY STAND OF GRASS. AREAS SHALL BE FERTILIZED AND RESEEDED AS REQUIRED.
4. CONTRACTOR SHALL ESTABLISH POINTS OF INGRESS AND EGRESS FROM EXISTING ROADWAYS. THE WORK SHALL BE IN ACCORDANCE WITH THE DETAIL ENTITLED STABILIZED CONSTRUCTION ENTRANCE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT WHICH MAY COLLECT IN THE STORM SEWER OR CULVERT SYSTEM.
6. SEDIMENT SHALL BE REMOVED FROM STRAW WATTLES OR SILT FENCE WHEN IT REACHES ONE-HALF THE HEIGHT OF THE BARRIER IN PLACE.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION AND SEDIMENTATION CONTROL MEASURES AS NECESSARY TO BE MAINTAINED IN FULLY FUNCTIONAL CONDITION THROUGHOUT THE ENTIRE PROJECT.
8. CONTRACTOR TO REMOVE ALL CONSTRUCTION DEBRIS, MUD, TEMPORARY FENCING, ETC. UPON COMPLETION OF CONSTRUCTION.
9. TEMPORARY EROSION CONTROL DEVICES SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
10. ALL PERMANENT AND/OR TEMPORARY CHANNEL RELOCATION OR MODIFICATION SHALL BE CONSTRUCTED UNDER DRY CONDITIONS AND STABILIZED PRIOR TO DIVERSION OF FLOW THROUGH THE NEW CHANNEL.
11. ANY DEVIATION OF THE TEMPORARY EROSION CONTROL PLAN OR SCHEDULE BY THE CONTRACTOR SHALL BE AT THE DISCRETION OF THE ENGINEER.
12. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
13. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOATATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN UP FUEL OR CHEMICAL SPILLS AND LEAKS.
14. CLASS 2A SEEDING SHALL BE PLACED ON SLOPES WITHIN 4' ADJACENT TO THE SHOULDERS AND ON ALL DITCH FORESLOPES AND DITCH BOTTOMS. CLASS 3 SEEDING SHALL BE PLACED ON ALL SLOPES NOT ADJACENT TO THE SHOULDER AND NOT RECEIVING CLASS 2A SEEDING.



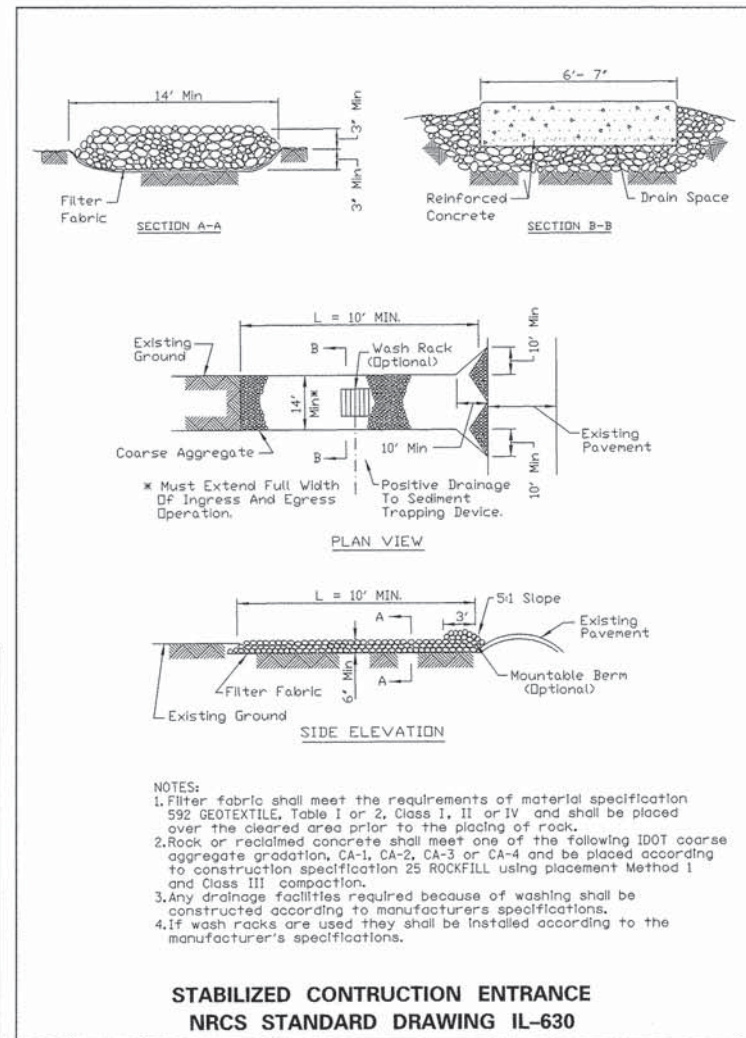
BEST MANAGEMENT PRACTICES SEQUENCE:

- THE CONTRACTOR SHALL ADHERE TO THE FOLLOWING SEQUENCE OF EVENTS DURING CONSTRUCTION AND SHALL NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY OF ANY CHANGES MADE TO THE PHASING:
1. INSTALL STABILIZED CONSTRUCTION ENTRANCE AND PERIMETER EROSION CONTROL AT EDGE OF LIMITS OF DISTURBANCE.
 2. BEGIN ROUGH GRADING OF SITE. TEMPORARILY STABILIZE ALL DISTURBED AREAS THAT WILL BE INACTIVE FOR 7 CALENDAR DAYS OR MORE (UNLESS CONSTRUCTION ACTIVITY WILL RESUME ON THAT PORTION WITH 14 DAYS.) THE LAST PASS ON ANY ROUGH GRADED SLOPE SHALL BE UP AND DOWN THE SLOPE, SO THAT DOZER TRACKS ARE LEFT PERPENDICULAR OR ACROSS THE SLOPE, NOT IN LINE WITH IT.
 3. INSTALL DITCH CHECKS AS ROUGH GRADING PROGRESSES AND MAINTAIN AS NEEDED.
 4. MAINTAIN PERIMETER EROSION CONTROL (SILT FENCE, STRAW WATTLES) TO BE FREE OF ACCUMULATED SEDIMENT. REPAIR AS NEEDED AND REPLACE WHEN DAMAGED.
 5. PROVIDE INLET AND PIPE PROTECTION APPROPRIATE FOR INLET TYPE AND STAGE OF CONSTRUCTION. MAINTAIN INLETS TO BE FREE OF ACCUMULATED SEDIMENT DURING CONSTRUCTION. REPAIR/REPLACE AS NEEDED.
 6. PROVIDE CONCRETE WASHOUT FACILITIES IN ACCORDANCE WITH ILLINOIS URBAN MANUAL FOR ALL CEMENTITIOUS MATERIALS INCLUDING PORTLAND CEMENT CONCRETE, MORTAR, STUCCO, PAINT AND/OR GROUT. WASH WATERS CANNOT BE DISCHARGED EITHER INTO THE GROUND OR SEWERS. CLEAN CONCRETE WASH OUT FACILITIES TO MAINTAIN CAPACITIES. WASHOUT BASINS SHALL BE INCIDENTAL TO ANY CONCRETE PAY ITEMS.
 7. PAVE SITE AND APPURTENANCES. COMPLETE FINAL STABILIZATION OF SITE.
 8. PERFORM FINAL GRADING, LANDSCAPING AND SEEDING AS SHOWN. MAINTAIN BMP'S IN PLACE UNTIL ALL VEGETATED AREAS HAVE ACHIEVED FINAL STABILIZATION REQUIREMENTS (UNIFORM 70% COVERAGE).
 9. WHEN FINAL STABILIZATION IS ACHIEVED AS DETERMINED BY OWNER'S REPRESENTATIVE, REMOVE ALL TEMPORARY BMP'S AND FILE NOTICE OF TERMINATION WITH IEPA ON OWNER'S BEHALF.

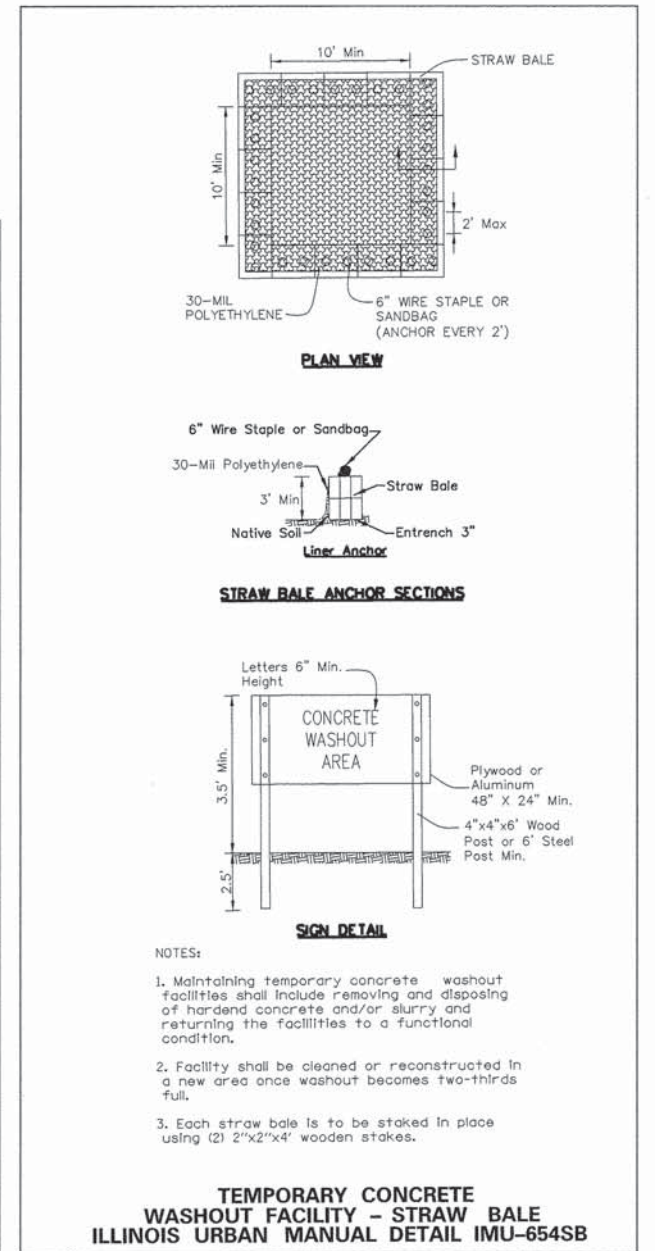


EROSION CONTROL MAINTENANCE:

- ALL MEASURES STATED ON THIS EROSION CONTROL PLAN SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED CONTRACTOR REPRESENTATIVE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A 0.5" RAINFALL EVENT, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:
1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
 2. ALL TURF AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED, AREAS SHOULD BE FERTILIZED, WATERED, AND RE-SEEDED AS NEEDED.
 3. PERIMETER EROSION CONTROL SYSTEMS SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED WHEN IT REACHES ONE-HALF THE HEIGHT OF THE CONTROL DEVICE.
 4. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO ADJACENT PAVEMENTS. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.













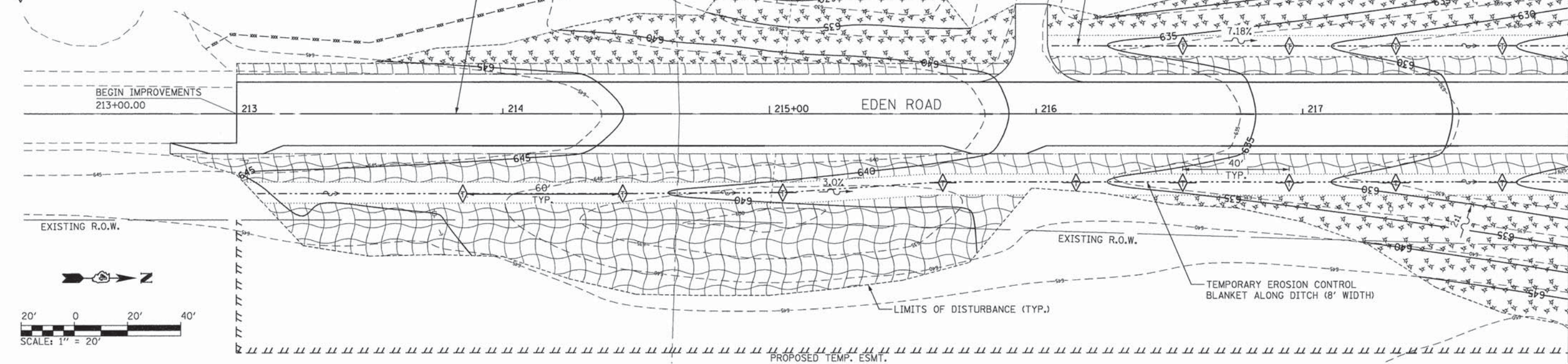
DISTURBED AREA SUMMARY	
SEEDING AREA	3.2 AC
IMPERVIOUS AREA	1.4 AC
TOTAL DISTURBED AREA	4.6 AC



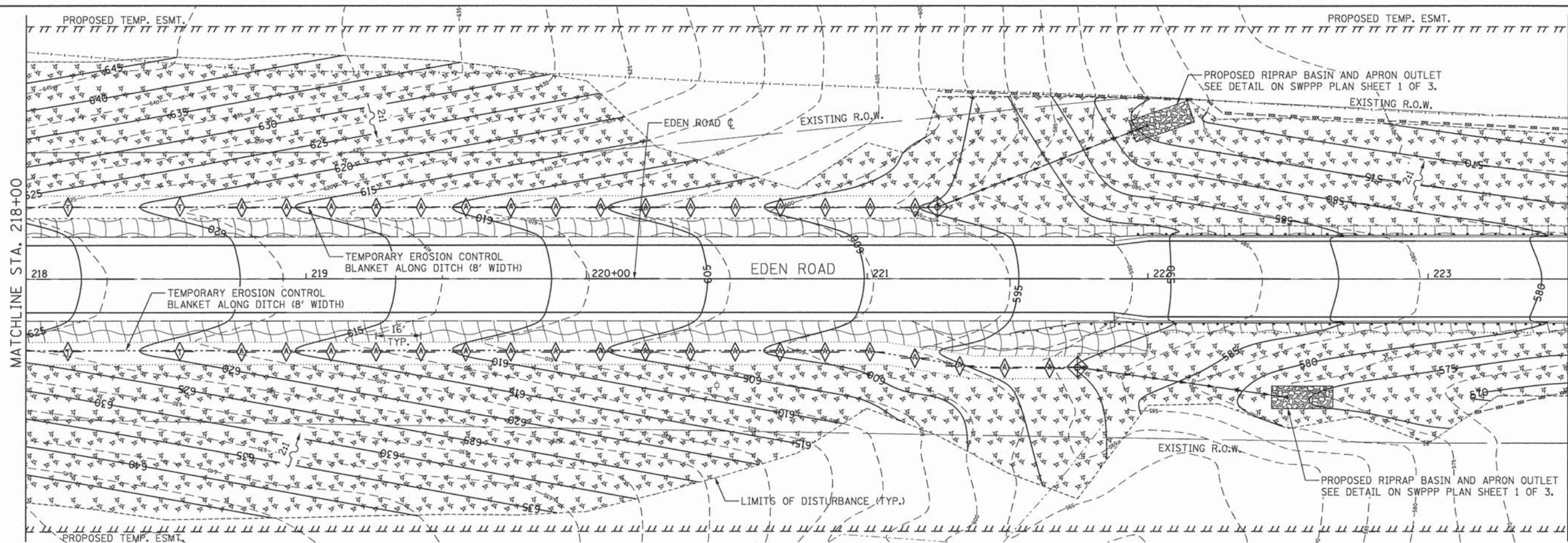
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 = Emily Murday
 License No. 184-000613

LEGEND

-  RIPRAP
-  HYDRAULICALLY APPLIED MULCH (METHOD 3A) & SEEDING, CLASS 3
-  HYDRAULICALLY APPLIED MULCH (METHOD 3A) & SEEDING, CLASS 2A
-  PERMANENT AGGREGATE DITCH CHECK
-  TEMPORARY DITCH CHECK
-  INLET AND PIPE PROTECTION
-  EXISTING CONTOURS
-  PROPOSED CONTOURS
-  PERIMETER EROSION BARRIER
-  DITCH C



MATCHLINE STA. 218+00



MATCHLINE STA. 218+00

MATCHLINE STA. 223+50

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 = Emily Munday
 License No. 184-008613



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DESIGNED - EMM
 DRAWN - EMM
 CHECKED - EJM
 DATE - SEPTEMBER 2015

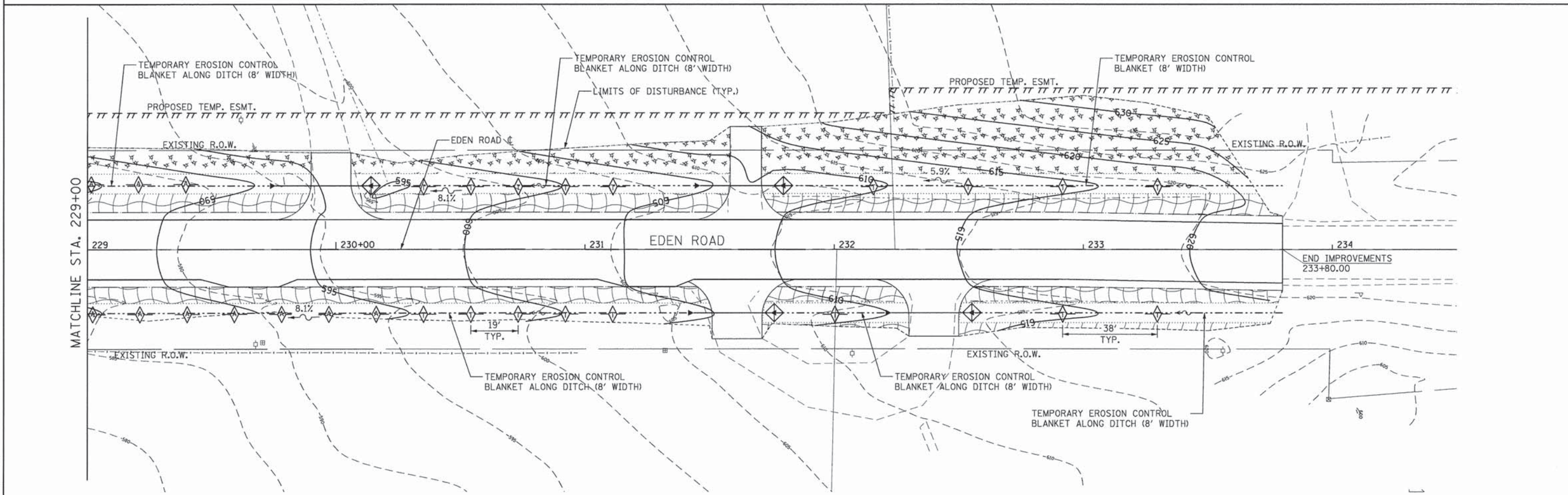
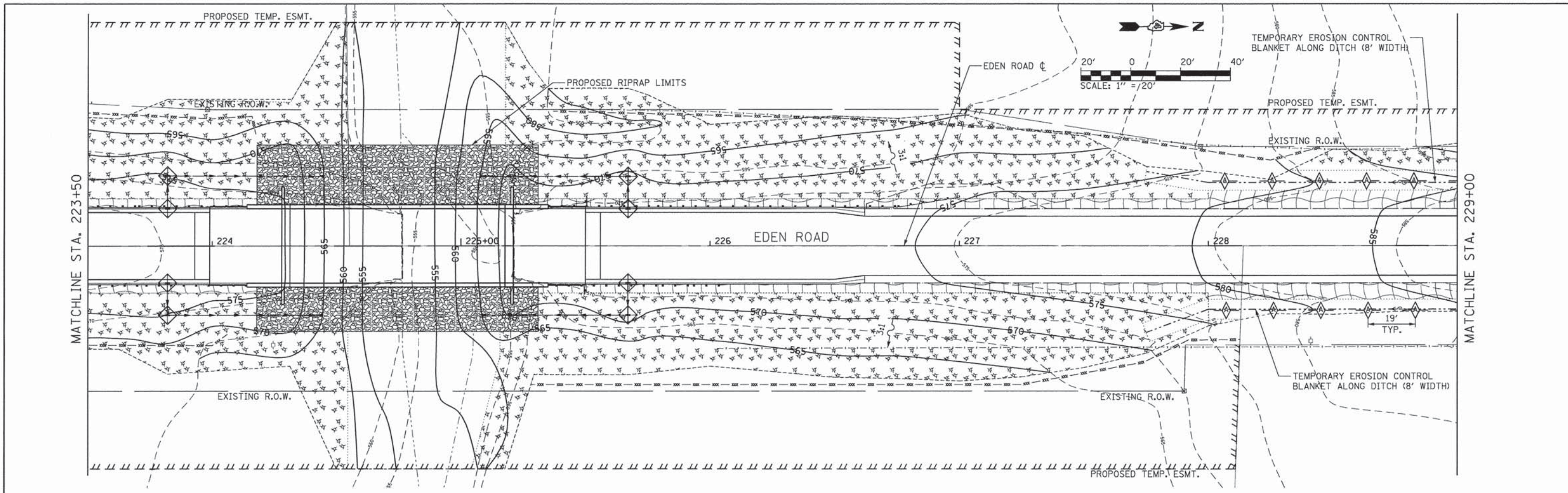
REVISED -
 REVISED -
 REVISED -
 REVISED -

**PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS**

**EDEN ROAD BRIDGE REPLACEMENT
STORM WATER POLLUTION PREVENTION PLAN (SWPPP)**

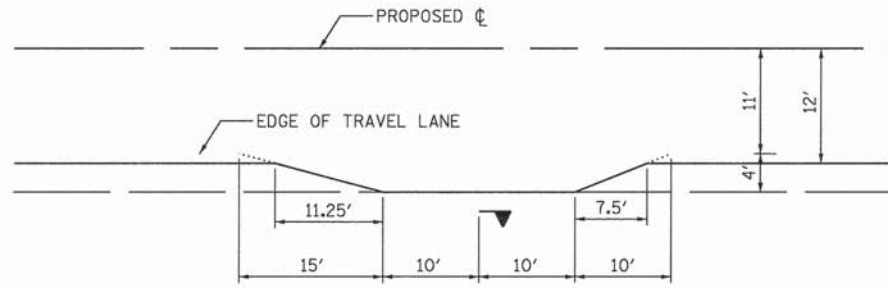
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-0014-00-BR	PEORIA	64	39
CONTRACT NO. 89371				
[ILLINOIS] FED. AID PROJECT				

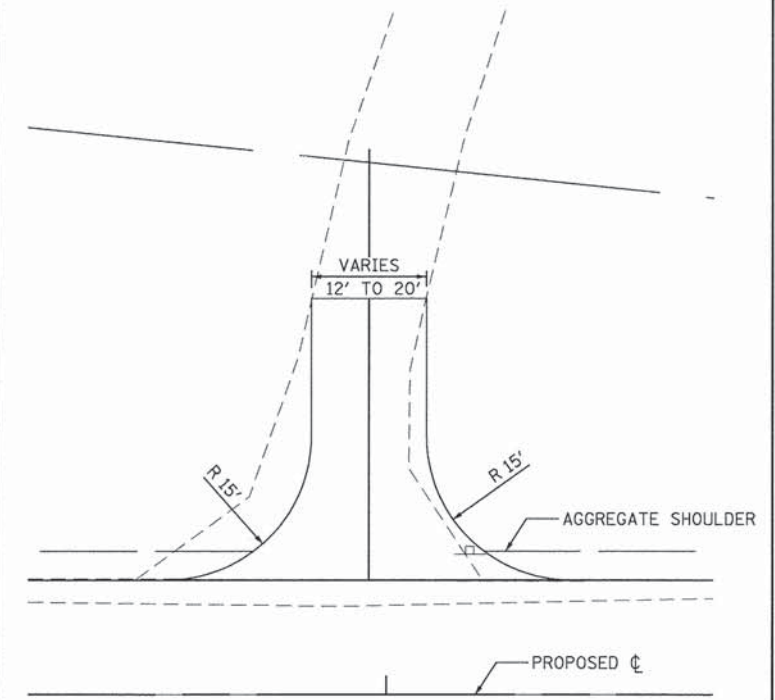


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 USER NAME = Emily Munday

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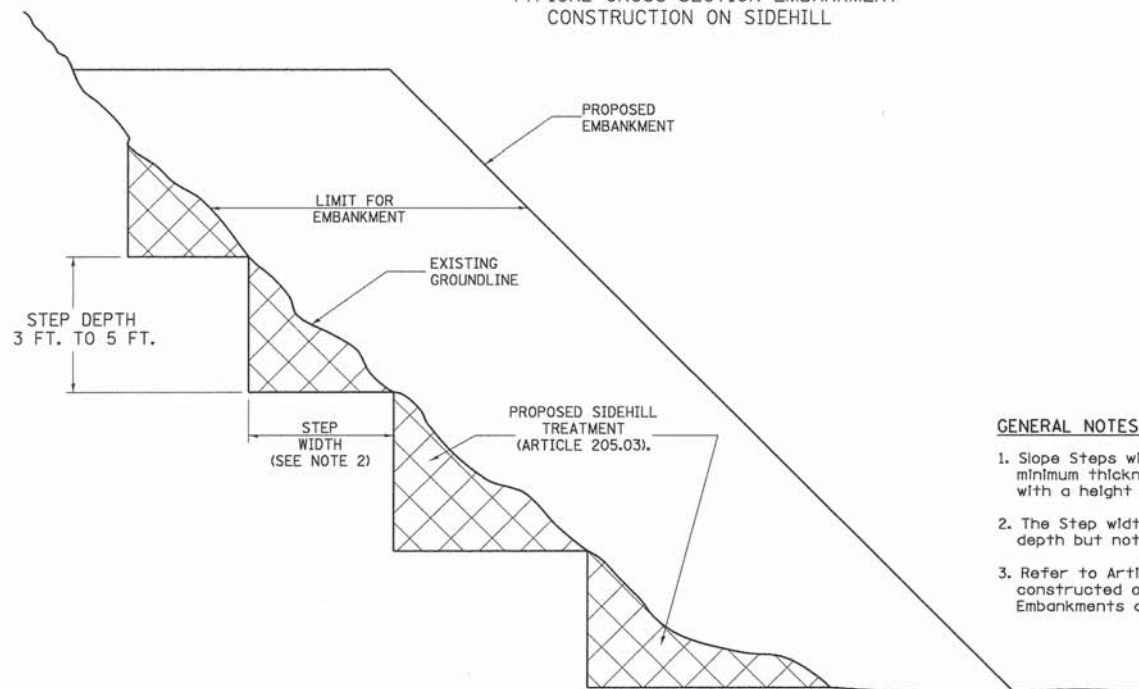


MAILBOX TURNOUT DETAIL



DRIVEWAY DETAIL

SLOPE STEPS DETAIL
TYPICAL CROSS-SECTION EMBANKMENT
CONSTRUCTION ON SIDHILL



GENERAL NOTES:

- Slope Steps will be required for all 12(300) minimum thickness "silver fills" and on a fills with a height of 10'(3.0m).
- The Step width shall be twice the Step depth but not less than 6 feet.
- Refer to Article 205.03 for Embankment to be constructed on Hillside or Slopes, or if existing Embankments are to be widened.

REPLACEMENT MATERIAL:
 STANDARD EMBANKMENT
 (IN ACCORDANCE WITH
 205 OF THE STANDARD SPECIFICATION).

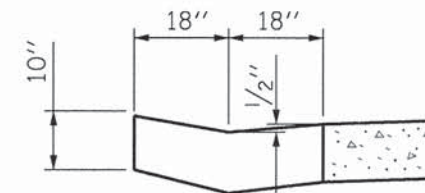
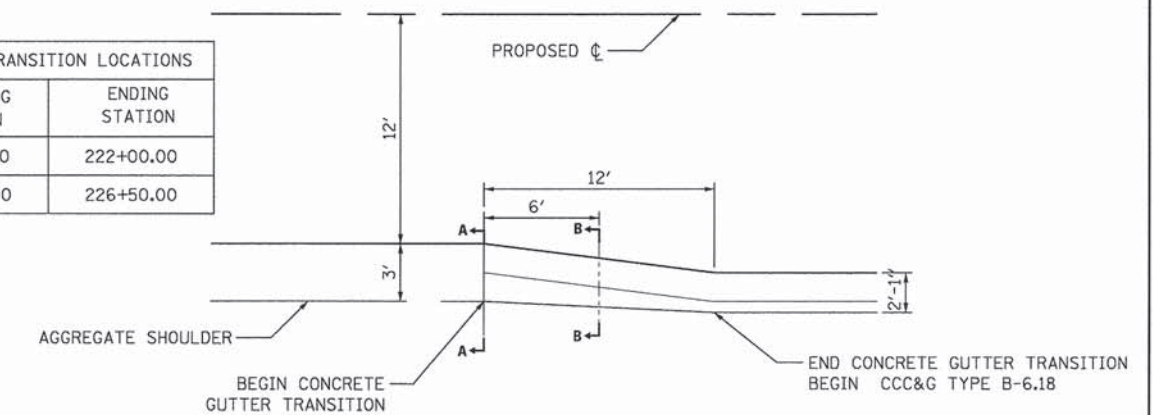
As dimensions are in inches millimeter unless otherwise noted.

DESIGNER NOTE:
 1. EACH PROJECT SHOULD BE REVIEWED INDEPENDENTLY FOR TREATMENT REQUIRED.
 2. REFER TO THIS DETAIL WITH NOTE ON APPLICABLE TYPICAL SECTIONS.

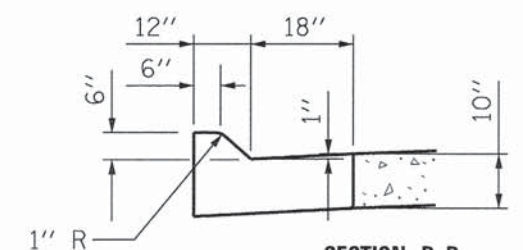
1-2-97	FROM L-101A NEW REVISION BOX REVISED TITLE	T.P.							
10-18-04	REVISED TO ROOT SPEC.	M.A.							

DISTRICT 4 STD. 205001-D4

GUTTER TRANSITION LOCATIONS	
BEGINNING STATION	ENDING STATION
221+88.00	222+00.00
226+62.00	226+50.00



SECTION A-A



SECTION B-B

CONCRETE GUTTER TRANSITION DETAIL



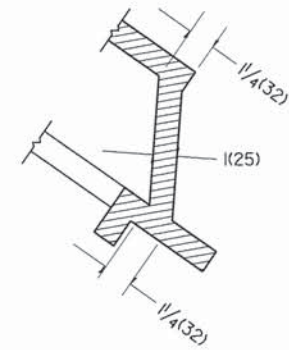
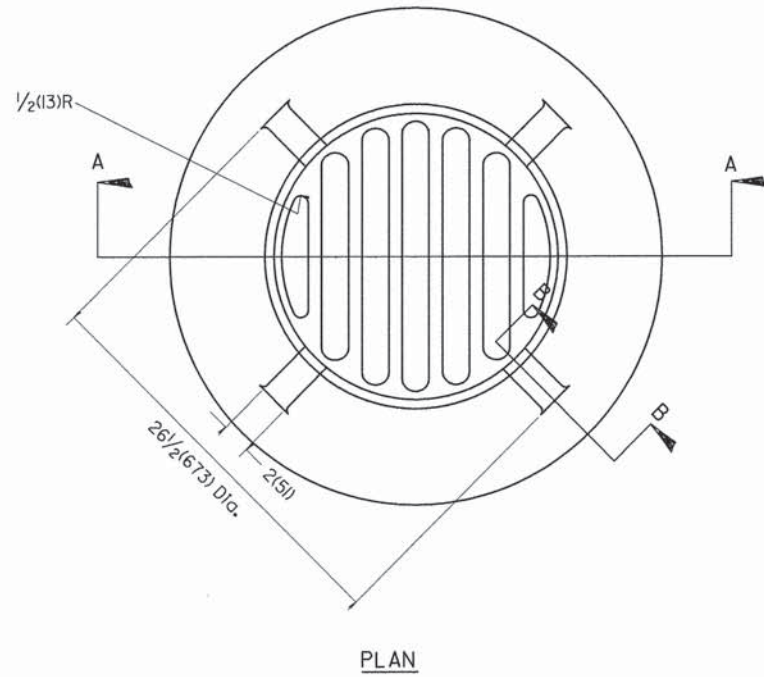
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PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS

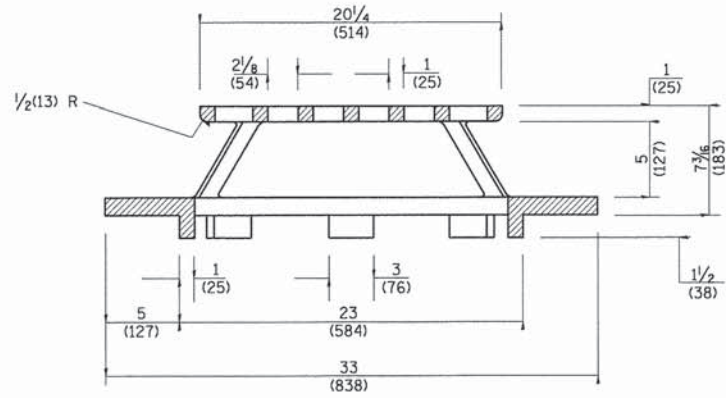
EDEN ROAD BRIDGE REPLACEMENT
DETAILS

SCALE: NTS SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-0014-00-BR	PEORIA	64	41
			CONTRACT NO. 89371	
ILLINOIS FED. AID PROJECT				



SECTION B - B



SECTION A - A

GENERAL NOTES

- MATERIAL - Cast Gray Iron
Weight 209 lbs (95 kg)

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

DESIGNER NOTE:
1. INCLUDE DISTRICT SPECIAL PROVISION.

01-01-97	RENUM. B-10.02, NEW REVISION BOX	T.P.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPE 37 GRATE

NOT TO SCALE

CADD STD. 604301-04

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			CONTRACT NO.	

DISTRICT 4 STD. 604301-D4

DIRECTORY
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= Emily Munday



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PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS

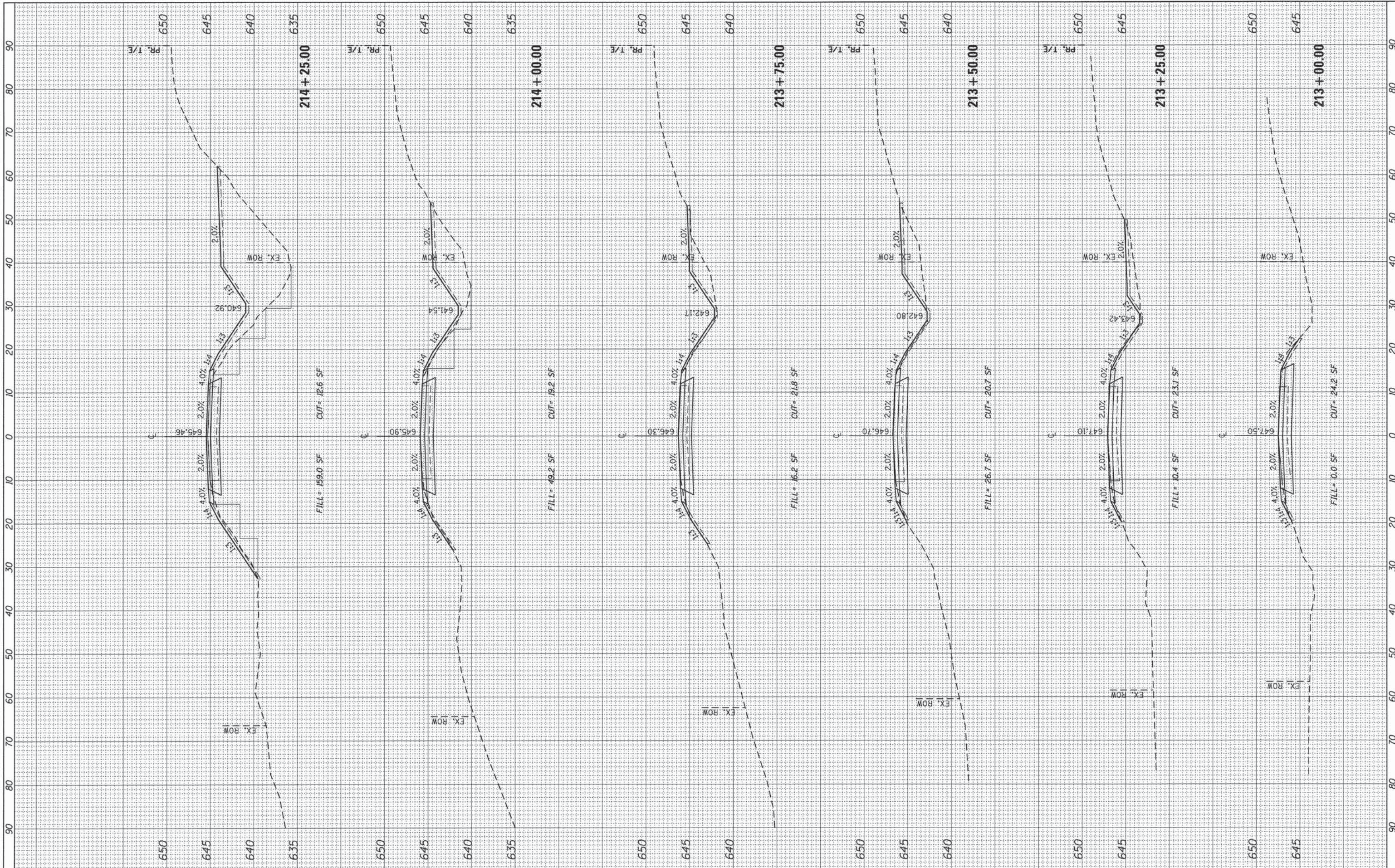
EDEN ROAD BRIDGE REPLACEMENT
DETAILS

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	42
			CONTRACT NO. 89371	
ILLINOIS FED. AID PROJECT				

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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

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



USER NAME = Emily Munday
 DESIGNED - EMM
 DRAWN - EMM
 CHECKED - E.J.H.
 DATE - SEPTEMBER 2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

**PEORIA COUNTY HIGHWAY DEPARTMENT
 PEORIA COUNTY, ILLINOIS**

SCALE: 1" = 10'
 SHEET OF SHEETS
 STA. 213+00.00 TO STA. 214+25.00

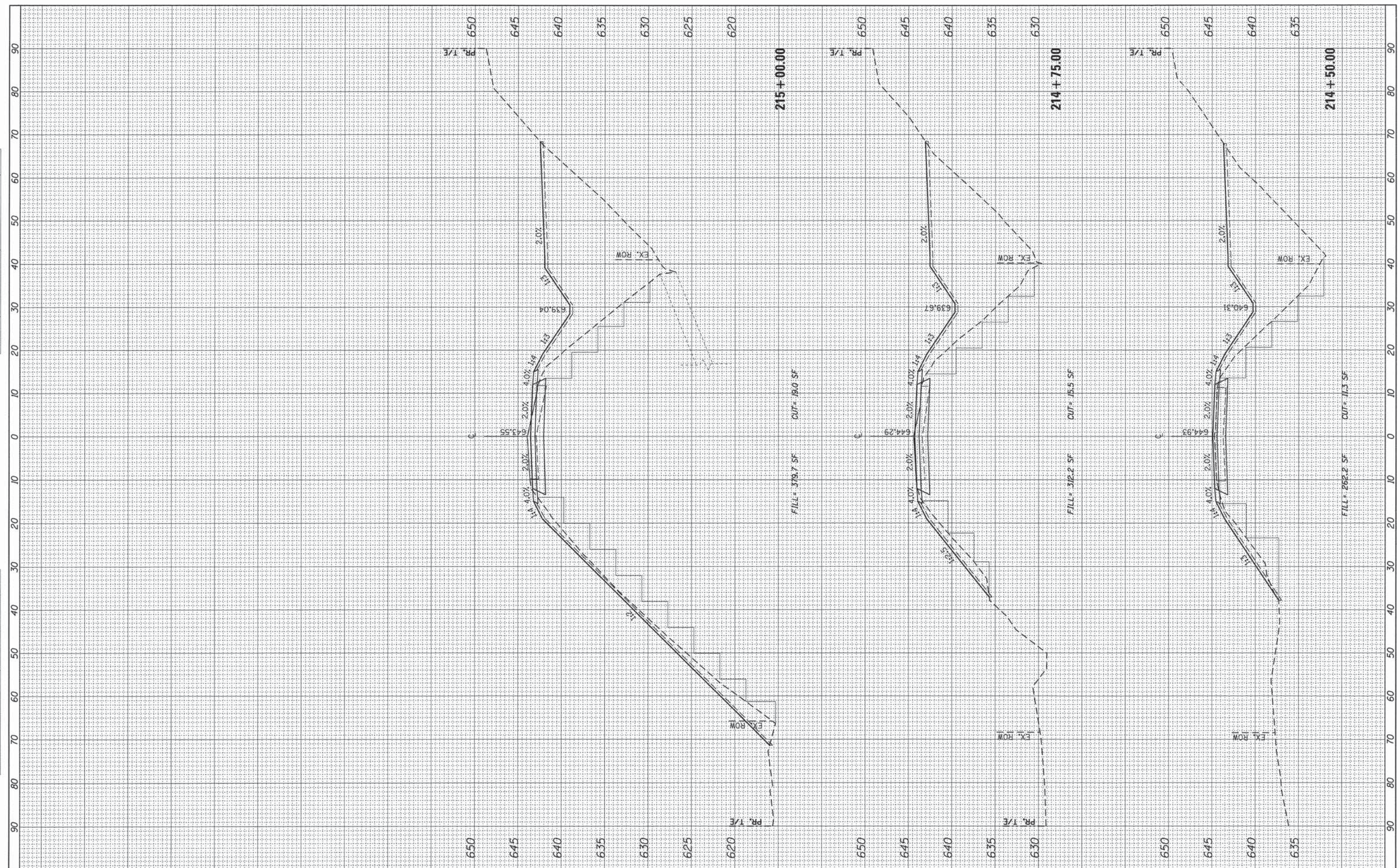
**CROSS SECTIONS
 EDEN ROAD**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	43
			CONTRACT NO. 89371	
			ILLINOIS FED. AID PROJECT	

License No. 184-000813

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NOTE BOOK NO.	TEMPLATE AREAS CHECKED		

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



USER NAME = Emily Munday
 DESIGNED - EMM
 DRAWN - EMM
 CHECKED - EJH
 DATE - SEPTEMBER 2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

**PEORIA COUNTY HIGHWAY DEPARTMENT
 PEORIA COUNTY, ILLINOIS**

**CROSS SECTIONS
 EDEN ROAD**

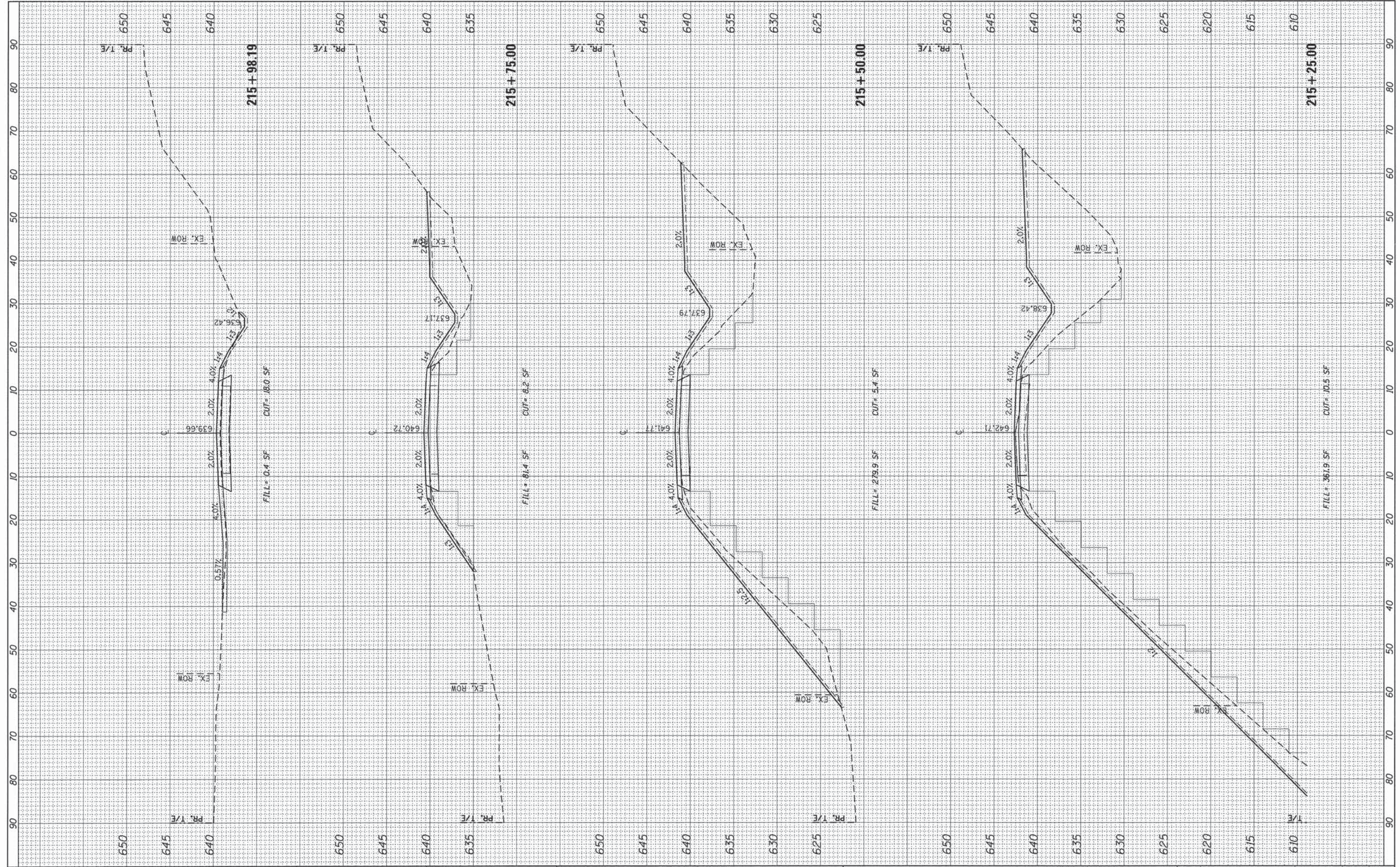
SCALE: 1" = 10' SHEET OF SHEETS STA. 214+50.00 TO STA. 215+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	44
			CONTRACT NO.	89371
ILLINOIS FED. AID PROJECT				

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

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



USER NAME = Emily Munday
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 PLOT DATE = 9/8/2015 - 11:23:08 AM

DESIGNED - EMM
 DRAWN - EMM
 CHECKED - EJM
 DATE - SEPTEMBER 2015

REVISED -
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 REVISED -

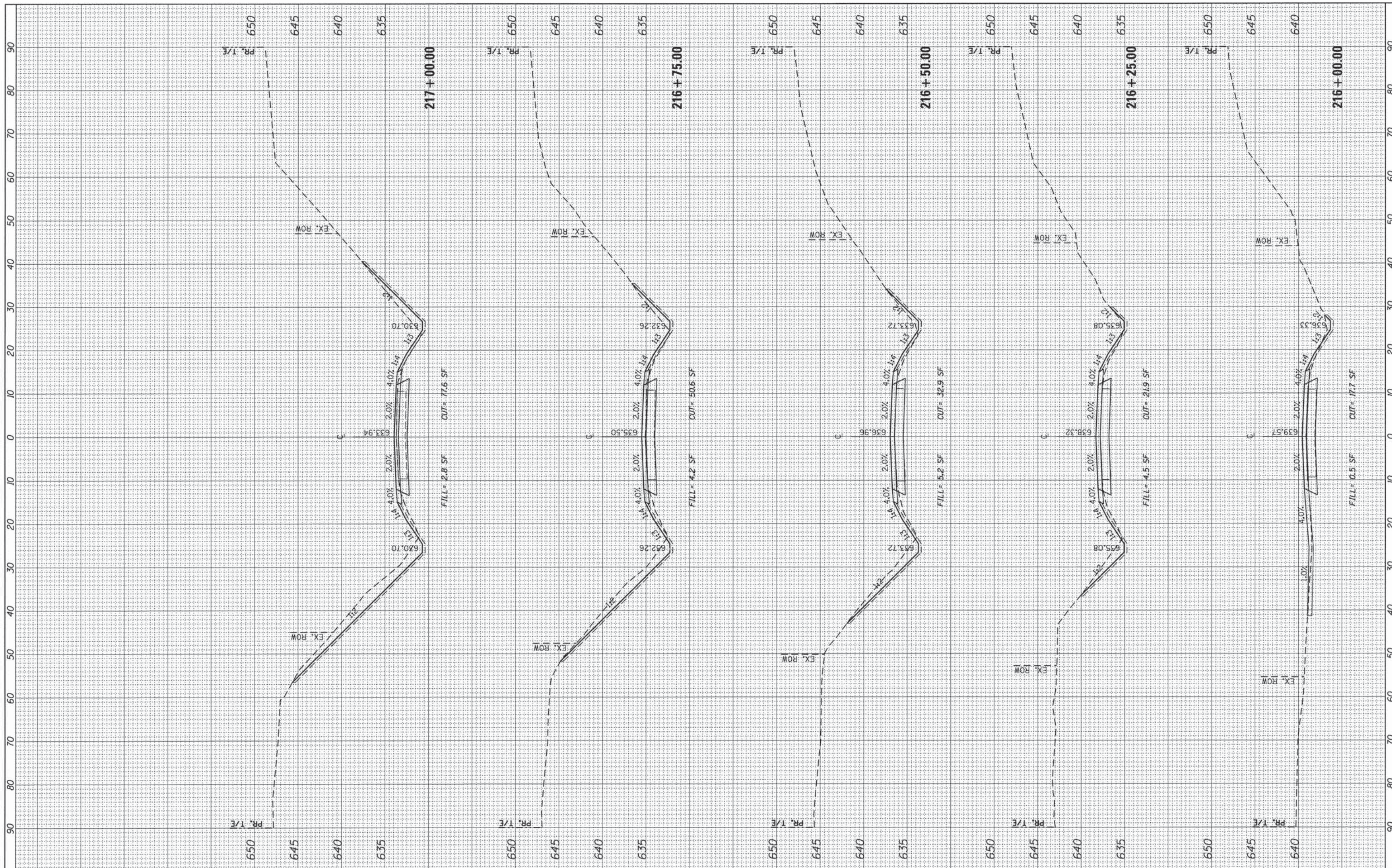
**PEORIA COUNTY HIGHWAY DEPARTMENT
 PEORIA COUNTY, ILLINOIS**

**CROSS SECTIONS
 EDEN ROAD**
 SCALE: 1" = 10' SHEET OF SHEETS STA. 215+25.00 TO STA. 215+98.19

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-0014-00-BR	PEORIA	64	45
			CONTRACT NO.	89371
			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
NO.		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
NO.		
AREAS CHECKED		



USER NAME = Emily Munday	DESIGNED - EMM	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN - EMM	REVISED -
PLOT DATE = 9/8/2015 - 11:23:09 AM	CHECKED - EJH	REVISED -
	DATE - SEPTEMBER 2015	REVISED -

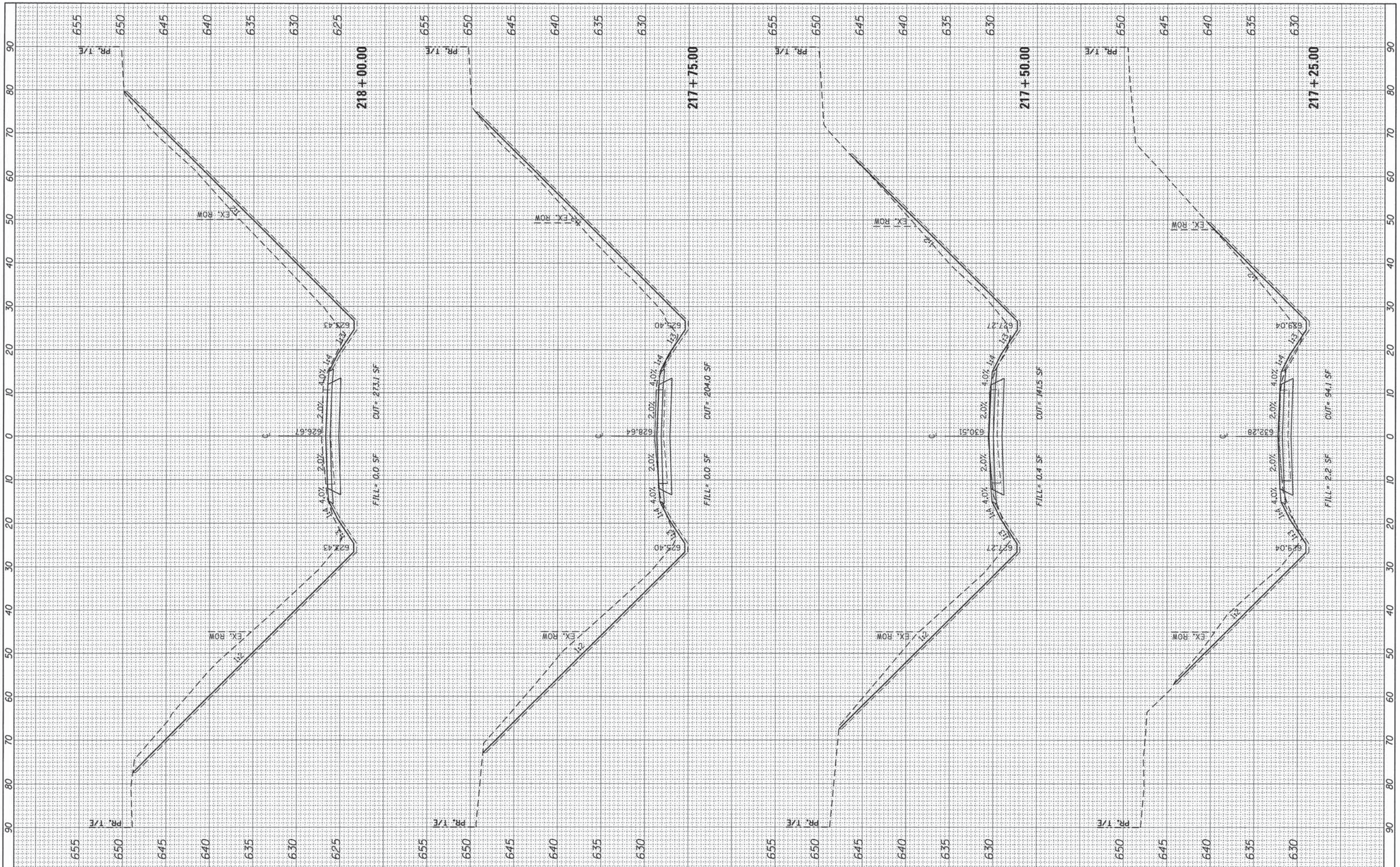
**PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS**

CROSS SECTIONS EDEN ROAD			
SCALE: 1" = 10'	SHEET	OF	SHEETS
			STA. 216+00.00 TO STA. 217+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	46
			CONTRACT NO.	89371
			ILLINOIS FED. AID PROJECT	

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

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



USER NAME = Emily Munday
 DESIGNED - EMM
 DRAWN - EMM
 CHECKED - EJM
 DATE - SEPTEMBER 2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

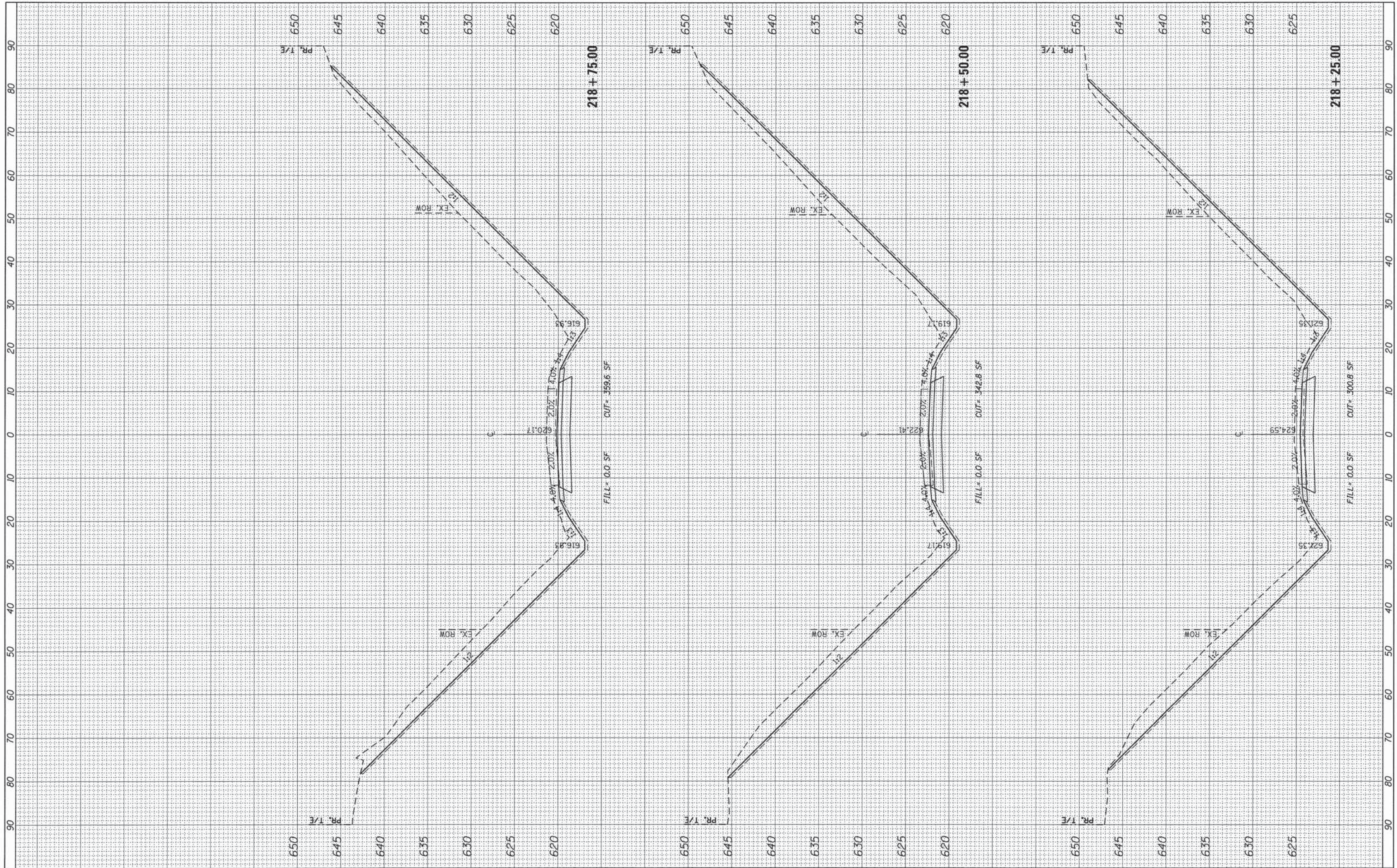
**PEORIA COUNTY HIGHWAY DEPARTMENT
 PEORIA COUNTY, ILLINOIS**

**CROSS SECTIONS
 EDEN ROAD**
 SCALE: 1" = 10'
 SHEET OF SHEETS STA. 217+25.00 TO STA. 218+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	47
			CONTRACT NO.	89371
ILLINOIS FED. AID PROJECT				

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

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



USER NAME = Emily Munday
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 9/8/2015 - 11:23:09 AM

DESIGNED - EMM
 DRAWN - EMM
 CHECKED - EJH
 DATE - SEPTEMBER 2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

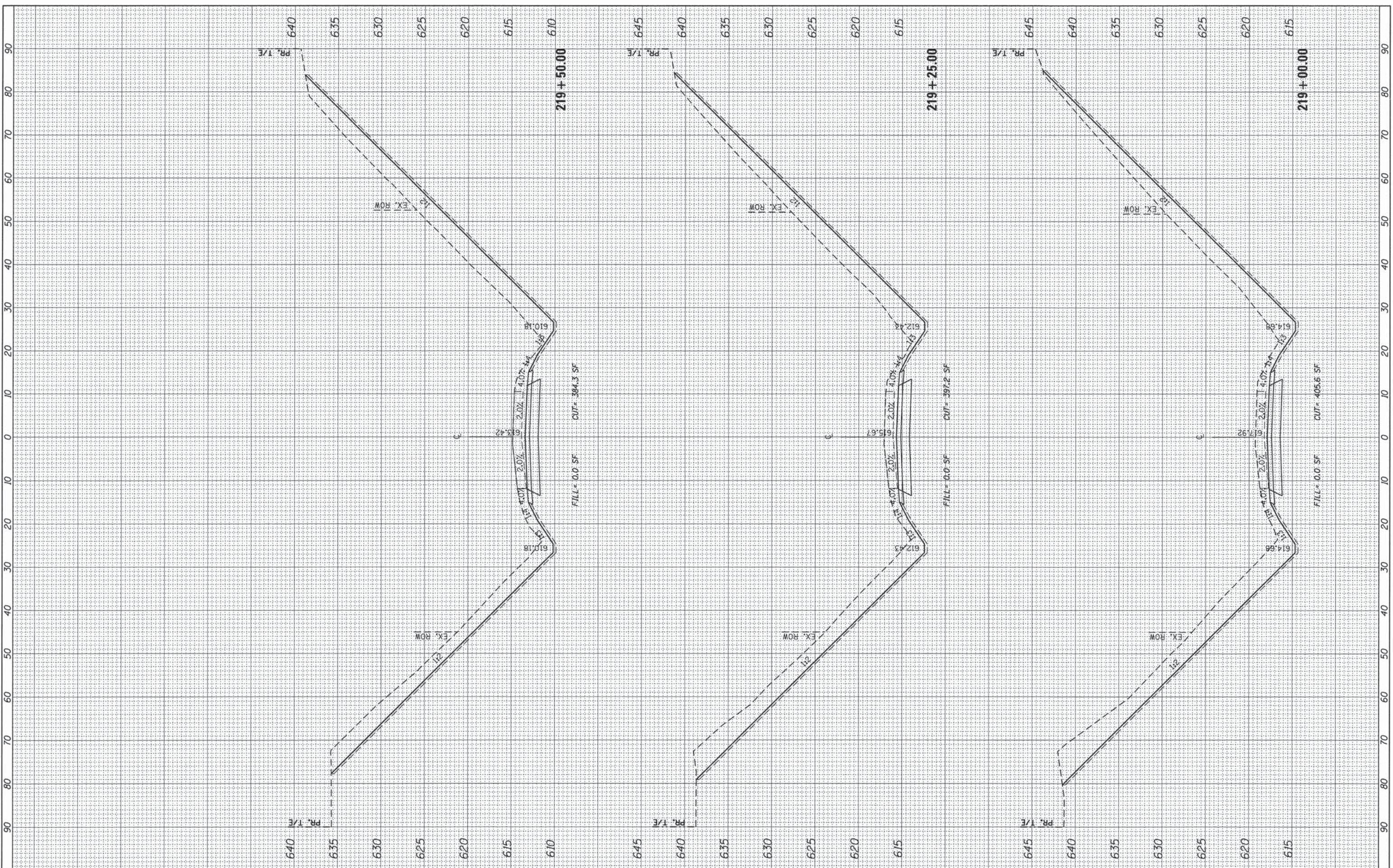
**PEORIA COUNTY HIGHWAY DEPARTMENT
 PEORIA COUNTY, ILLINOIS**

**CROSS SECTIONS
 EDENS ROAD**
 SCALE: 1" = 10' SHEET OF SHEETS STA. 218+25.00 TO STA. 218+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	48
CONTRACT NO. 89371			ILLINOIS FED. AID PROJECT	

BY	DATE
FINAL SURVEY	
PLANNED	
NOTE BOOK	
AREAS CHECKED	

BY	DATE
ORIGINAL SURVEY	
PLANNED	
NOTE BOOK	
AREAS CHECKED	



USER NAME = Emily Munday
 PLOT SCALE = 10.0000' / 1" = 100'
 PLOT DATE = 9/8/2015 - 11:23:10 AM

DESIGNED - EMM
 DRAWN - EMM
 CHECKED - EJH
 DATE - SEPTEMBER 2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

PEORIA COUNTY HIGHWAY DEPARTMENT
 PEORIA COUNTY, ILLINOIS

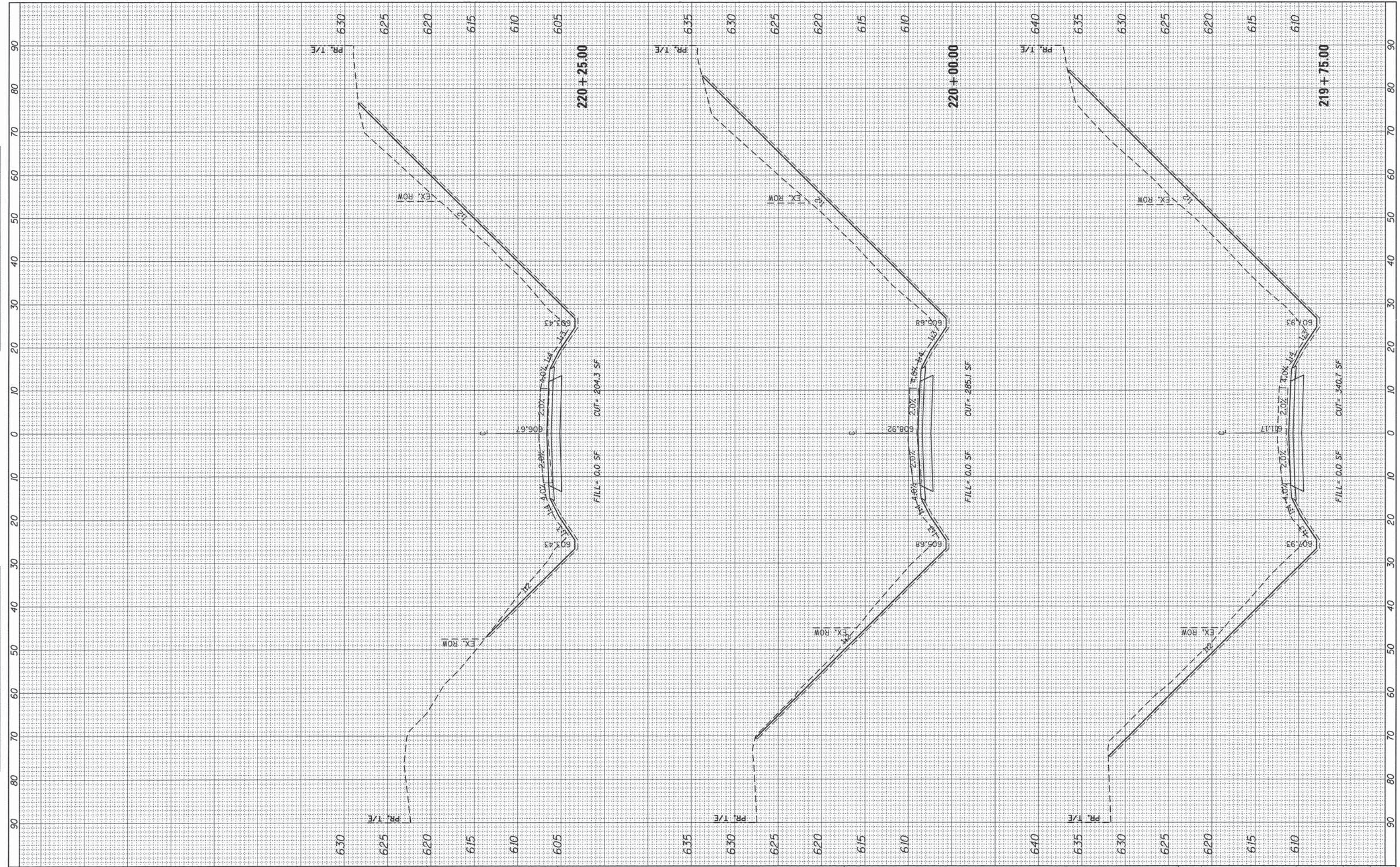
CROSS SECTIONS
 EDEN ROAD

SCALE: 1" = 10' SHEET OF SHEETS STA. 219+00.00 TO STA. 219+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	49
CONTRACT NO. 89371			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		



USER NAME = Emily Munday
 PLLOT SCALE = 10.0000' / 1" = 10'
 PLLOT DATE = 9/8/2015 - 11:23:10 AM

DESIGNED - EMM
 DRAWN - EMM
 CHECKED - EJH
 DATE - SEPTEMBER 2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

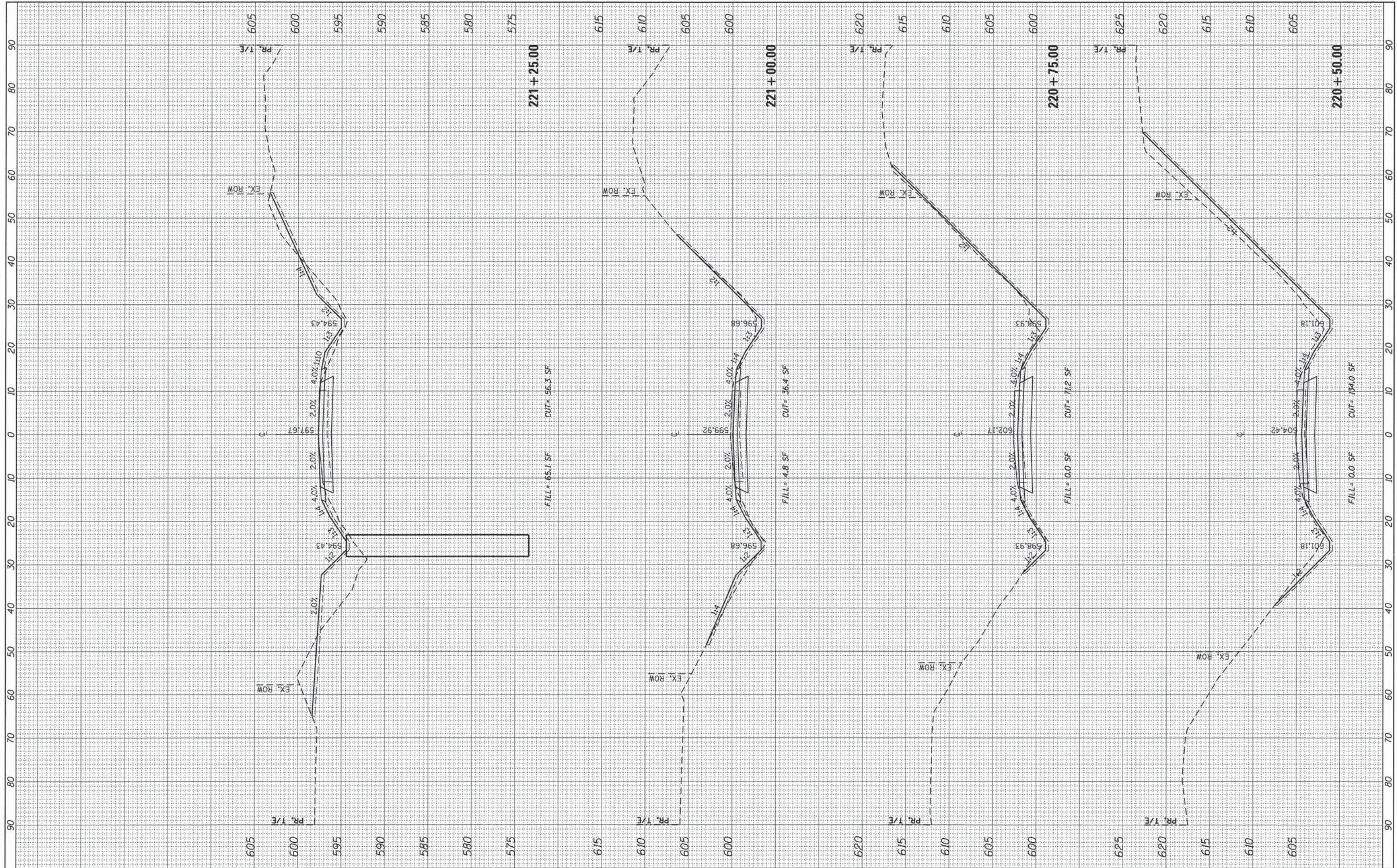
**PEORIA COUNTY HIGHWAY DEPARTMENT
 PEORIA COUNTY, ILLINOIS**

**CROSS SECTIONS
 EDENS ROAD**
 SCALE: 1" = 10' SHEET OF SHEETS STA. 219+75.00 TO STA. 220+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	50
CONTRACT NO. 89371			ILLINOIS FED. AID PROJECT	

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

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



USER NAME = Emily Munday	DESIGNED - EMM	REVISED -
PLLOT SCALE = 10.0000' / in.	DRAWN - EMM	REVISED -
PLLOT DATE = 9/9/2015 - 11:23:11 AM	CHECKED - EJH	REVISED -
	DATE - SEPTEMBER 2015	REVISED -

**PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS**

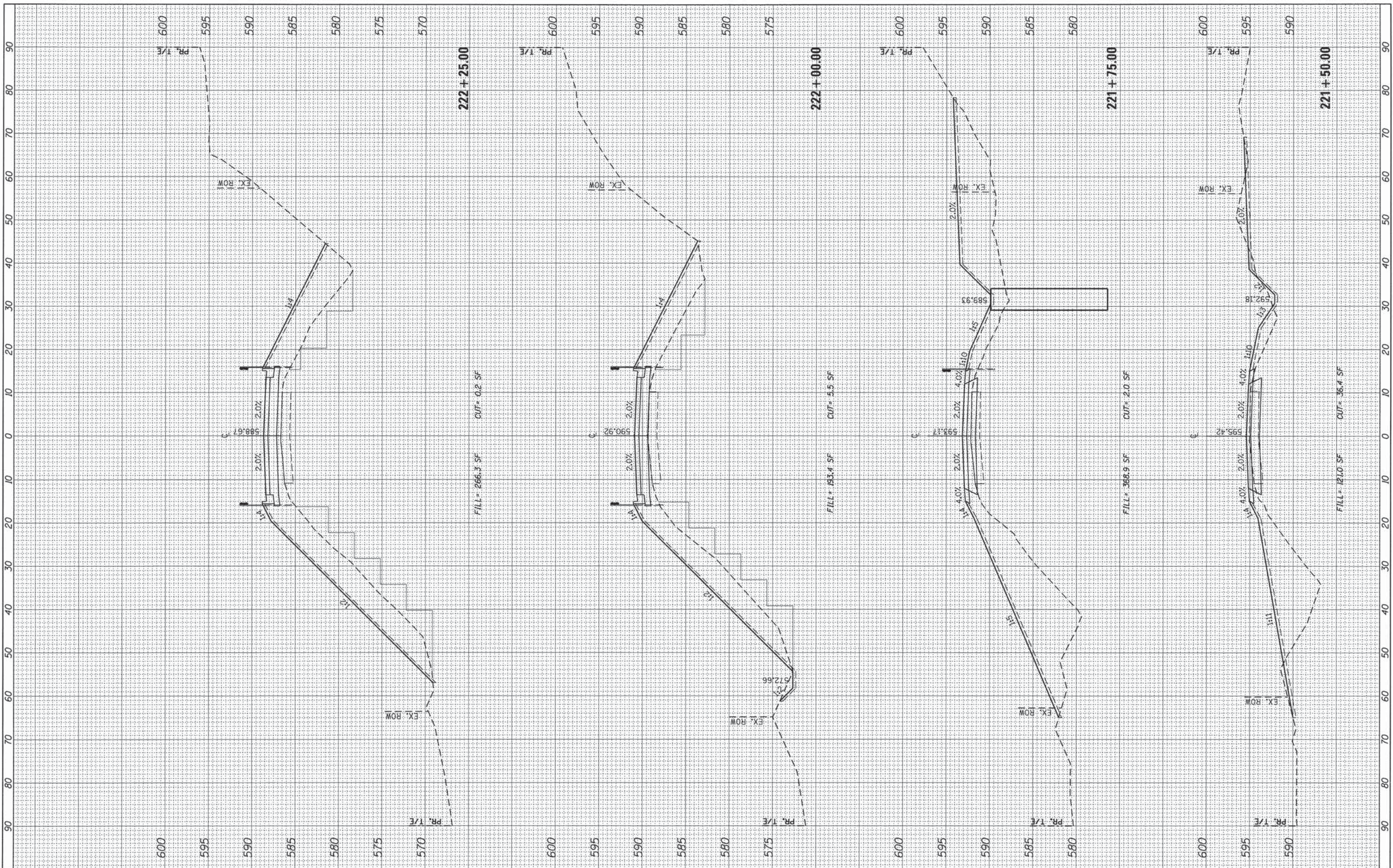
SCALE: 1" = 10'	SHEET	OF	SHEETS	STA. 220+50.00	TO STA. 221+25.00
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**CROSS SECTIONS
EDEN ROAD**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	51
			CONTRACT NO. 89371	
			ILLINOIS FED. AID PROJECT	

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

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



USER NAME = Emily Munday
 PLOT SCALE = 10.0000' / 1".
 PLOT DATE = 9/9/2015 - 11:23:11 AM

DESIGNED - EMM
 DRAWN - EMM
 CHECKED - EJH
 DATE - SEPTEMBER 2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

**PEORIA COUNTY HIGHWAY DEPARTMENT
 PEORIA COUNTY, ILLINOIS**

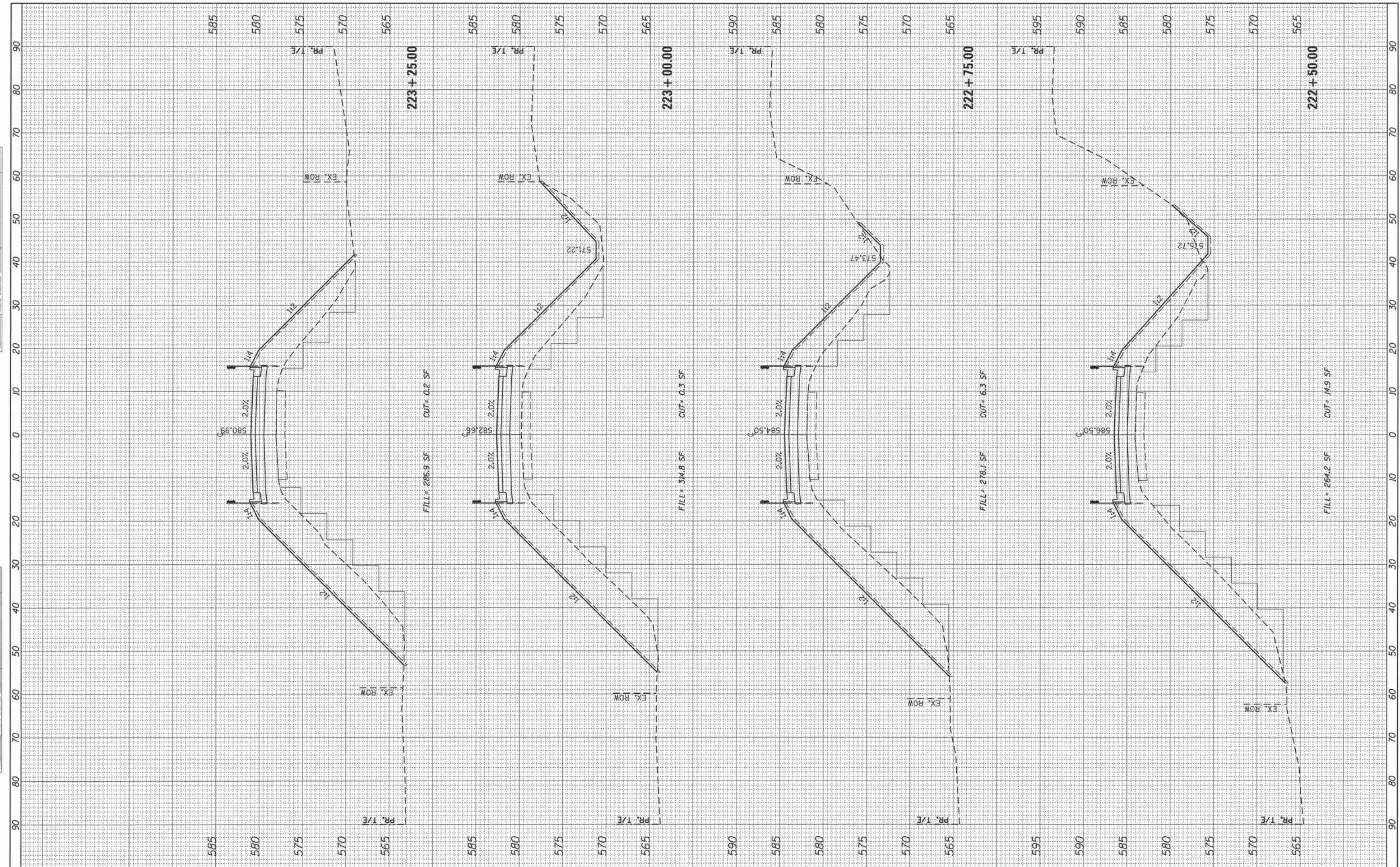
SCALE: 1" = 10' SHEET OF SHEETS STA. 221+50.00 TO STA. 222+25.00

**CROSS SECTIONS
 EDEN ROAD**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	52
			CONTRACT NO.	89371
			ILLINOIS FED. AID PROJECT	

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

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



USER NAME = Emily Munday
 PLOT SCALE = 10.0000' / 1" =
 PLOT DATE = 9/8/2015 - 11:23:11 AM

DESIGNED - EMM
 DRAWN - EMM
 CHECKED - EJH
 DATE - SEPTEMBER 2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

**PEORIA COUNTY HIGHWAY DEPARTMENT
 PEORIA COUNTY, ILLINOIS**

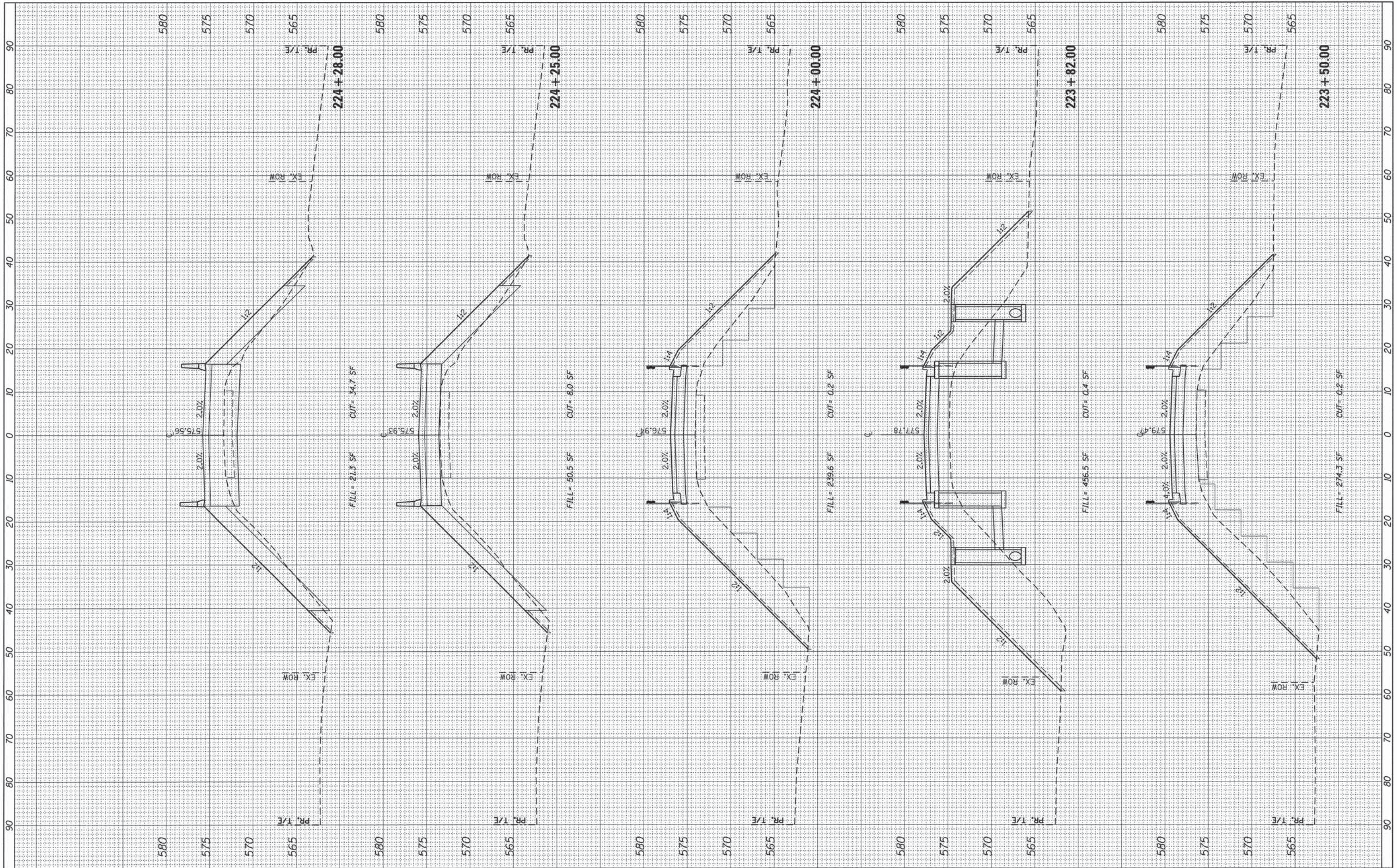
**CROSS SECTIONS
 EDEN ROAD**

SCALE: 1" = 10' SHEET OF SHEETS STA. 222+50.00 TO STA. 223+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	53
CONTRACT NO. 89371			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	DATE
SUBMITTED	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

ORIGINAL SURVEY	DATE
SUBMITTED	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



USER NAME = Emily Munday	DESIGNED - EMM	REVISED -
PLOT SCALE = 10,0000' / in.	DRAWN - EMM	REVISED -
PLOT DATE = 9/8/2015 - 11:23:12 AM	CHECKED - EJH	REVISED -
	DATE - SEPTEMBER 2015	REVISED -

**PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS**

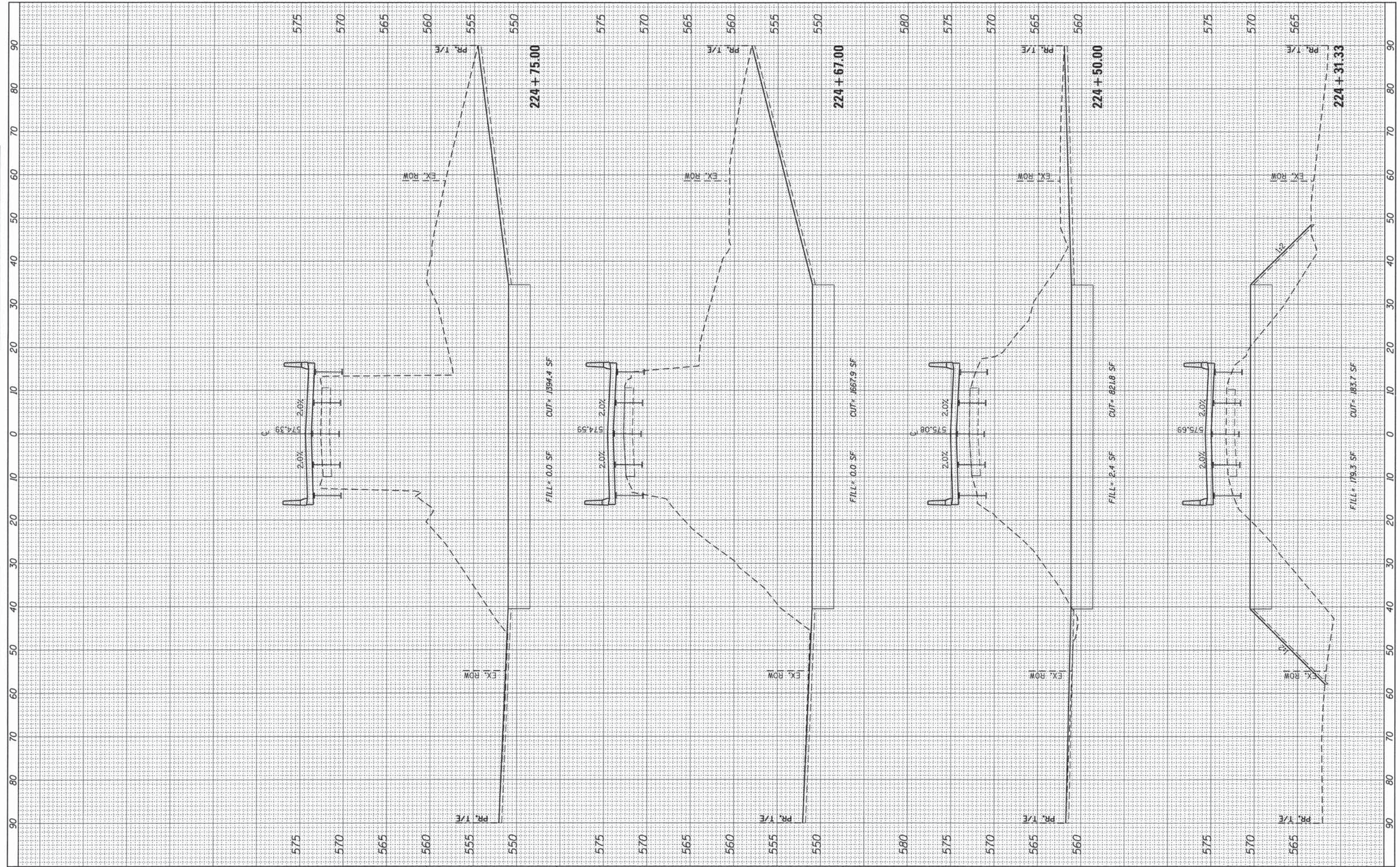
SCALE: 1" = 10'	SHEET	OF	SHEETS	STA. 223+50.00	TO	STA. 224+28.00
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**CROSS SECTIONS
EDEN ROAD**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-0014-00-BR	PEORIA	64	54
			CONTRACT NO. 89371	
			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	CHECKED	DATE
PLOTTED	BY	
TEMPLATE		
AREAS		
CHECKED		
NO.		

ORIGINAL SURVEY	CHECKED	DATE
PLOTTED	BY	
TEMPLATE		
AREAS		
CHECKED		
NO.		



USER NAME = Emily Munday	DESIGNED - EMM	REVISED -
PLLOT SCALE = 10,000' / in.	DRAWN - EMM	REVISED -
PLLOT DATE = 9/8/2015 - 11:23:12 AM	CHECKED - E.J.H.	REVISED -
	DATE - SEPTEMBER 2015	REVISED -

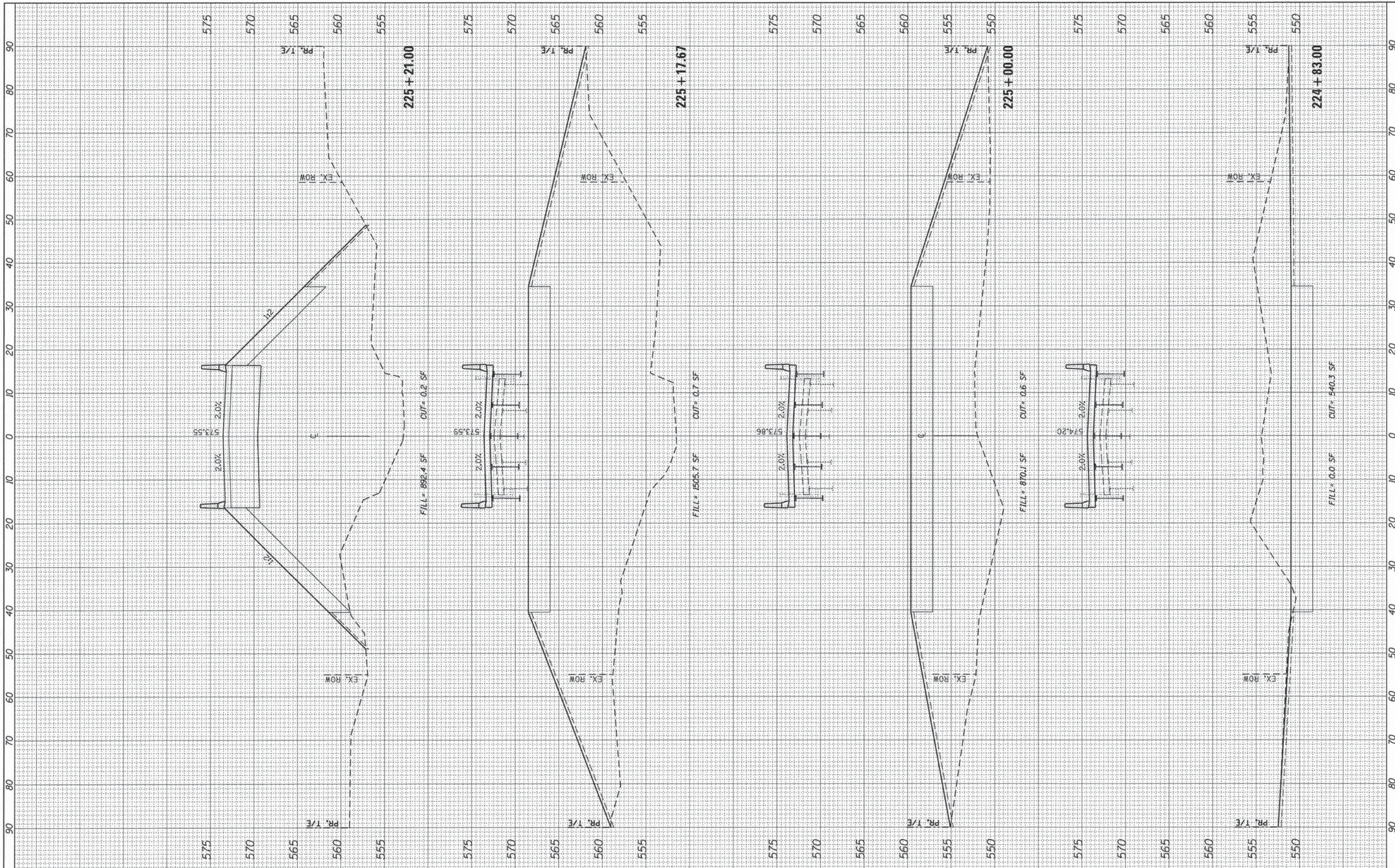
PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS

CROSS SECTIONS	
EDEN ROAD	
SCALE: 1" = 10'	SHEET OF SHEETS
STA. 224+31.33	TO STA. 224+75.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-0014-00-BR	PEORIA	64	55
			CONTRACT NO.	89371
			ILLINOIS FED. AID PROJECT	

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

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



USER NAME = Emily Munday
 PLOT SCALE = 10,000' / in.
 PLOT DATE = 9/8/2015 - 11:23:12 AM

DESIGNED - EMM
 DRAWN - EMM
 CHECKED - EJH
 DATE - SEPTEMBER 2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

**PEORIA COUNTY HIGHWAY DEPARTMENT
 PEORIA COUNTY, ILLINOIS**

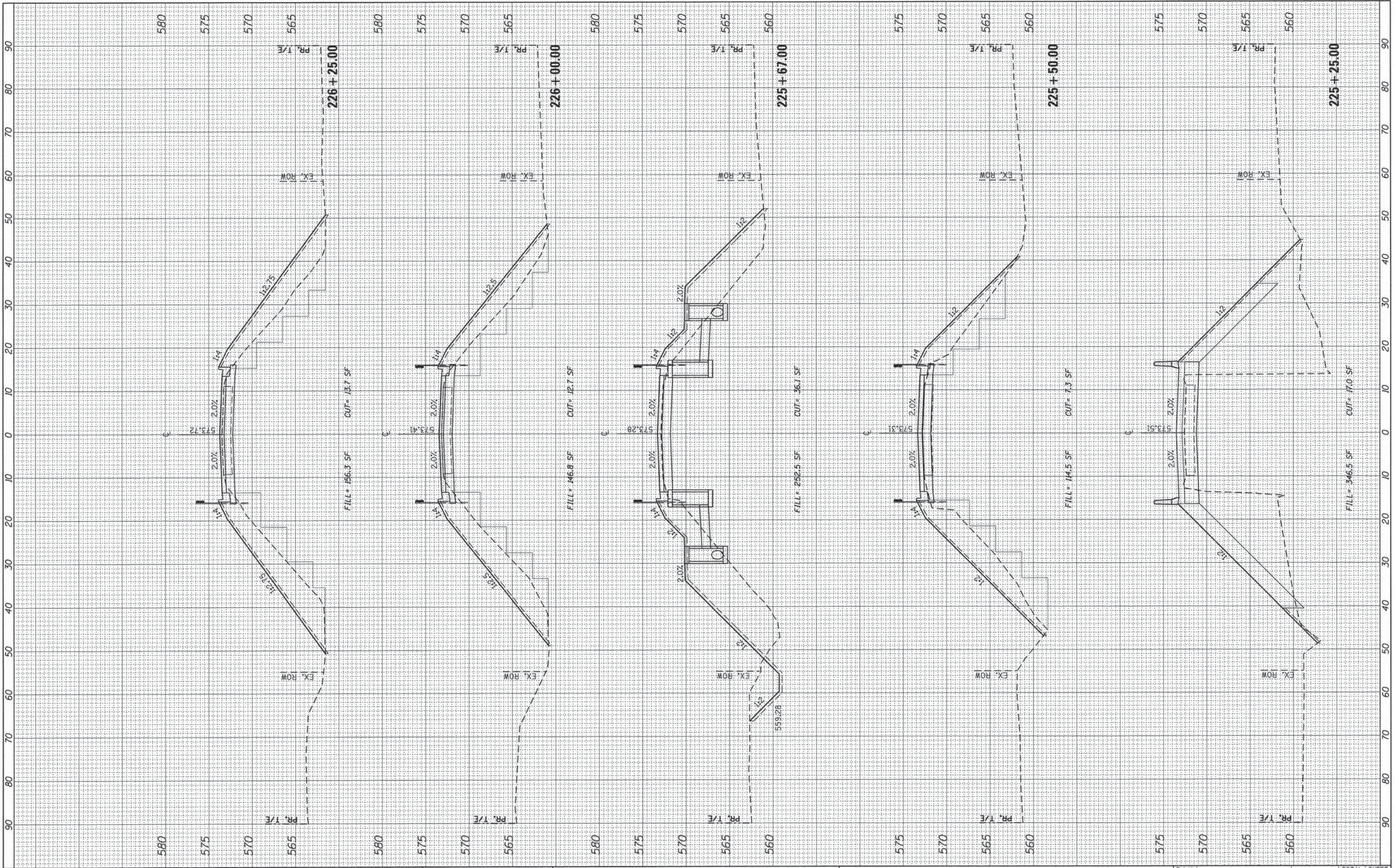
SCALE: 1" = 10'
 SHEET OF SHEETS
 STA. 224+83.00 TO STA. 225+21.00

**CROSS SECTIONS
 EDEN ROAD**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	56
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89371	

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

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



USER NAME = Emilj Munday	DESIGNED - EMM	REVISED -
PLLOT SCALE = 10,000' / 1"	DRAWN - EMM	REVISED -
PLLOT DATE = 9/8/2015 - 11:23:13 AM	CHECKED - E.JH	REVISED -
	DATE - SEPTEMBER 2015	REVISED -

**PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS**

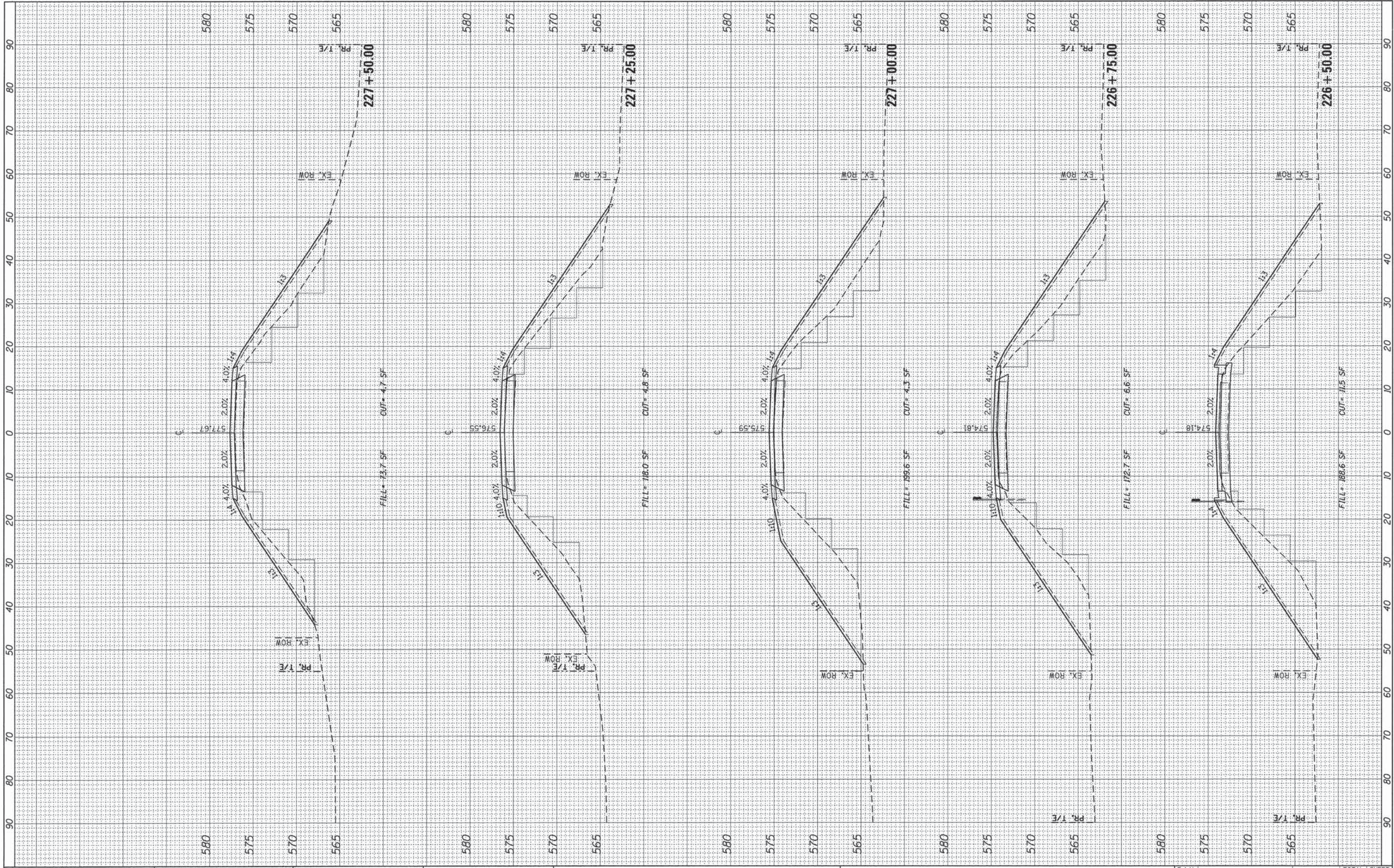
SCALE: 1" = 10' SHEET OF SHEETS STA. 225+25.00 TO STA. 226+25.00

**CROSS SECTIONS
EDEN ROAD**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-0014-00-BR	PEORIA	64	57
			CONTRACT NO.	89371
			ILLINOIS FED. AID PROJECT	

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

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



USER NAME = Emily Munday
 PLOT SCALE = 10.0000' / 1"
 PLOT DATE = 9/8/2015 - 11:23:13 AM

DESIGNED - EMM
 DRAWN - EMM
 CHECKED - E.JH
 DATE - SEPTEMBER 2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

**PEORIA COUNTY HIGHWAY DEPARTMENT
 PEORIA COUNTY, ILLINOIS**

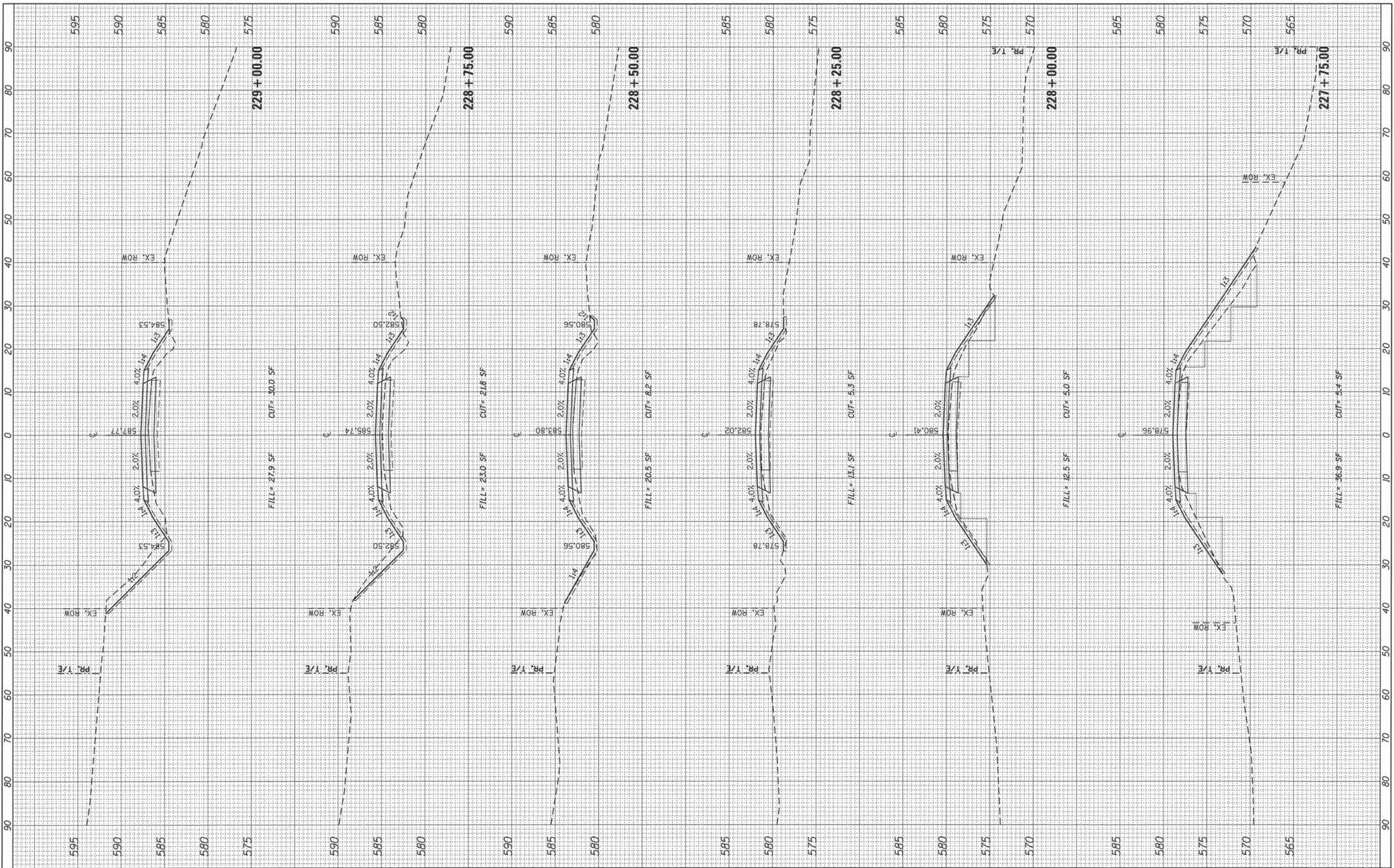
**CROSS SECTIONS
 EDEN ROAD**

SCALE: 1" = 10' SHEET OF SHEETS STA. 226+50.00 TO STA. 227+50.00

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	58
CONTRACT NO. 89371			ILLINOIS FED. AID PROJECT	

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

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



CMT
 License No. 184-000613

USER NAME = Emily Munday
 PLOT SCALE = 10.0000' / 1" =
 PLOT DATE = 9/9/2015 - 11:23:13 AM

DESIGNED - EMM
 DRAWN - EMM
 CHECKED - EJH
 DATE - SEPTEMBER 2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

**PEORIA COUNTY HIGHWAY DEPARTMENT
 PEORIA COUNTY, ILLINOIS**

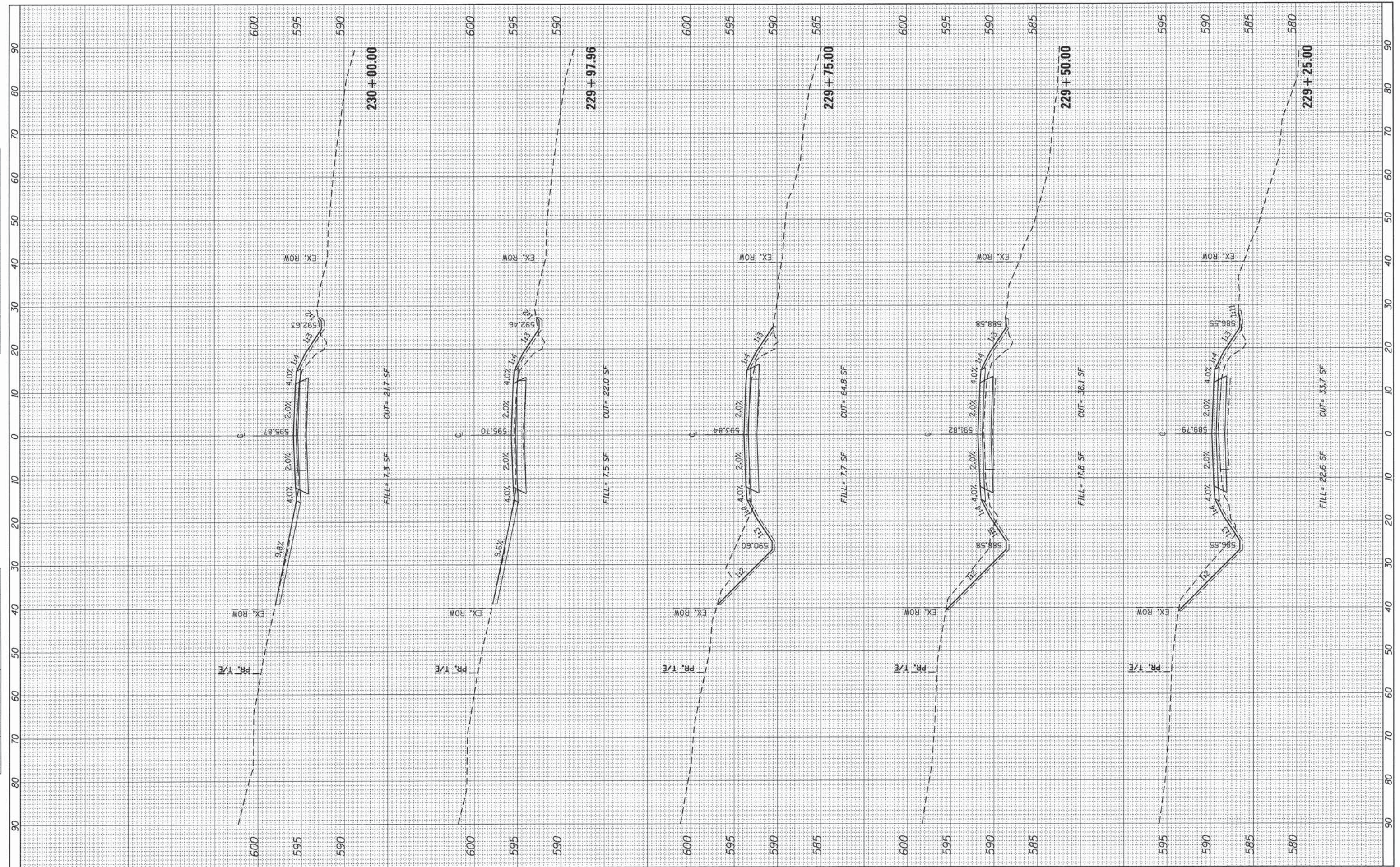
SCALE: 1" = 10'
 SHEET OF SHEETS STA. 227+75.00 TO STA. 229+00.00

**CROSS SECTIONS
 EDEN ROAD**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	59
CONTRACT NO. 89371			ILLINOIS FED. AID PROJECT	

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

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



USER NAME = Emily Munday
 DESIGNED - EMM
 DRAWN - EMM
 CHECKED - EJH
 DATE - SEPTEMBER 2015
 PLOT SCALE = 10,0000' / 1" = 1000000
 PLOT DATE = 9/8/2015 - 11:23:14 AM

REVISED -
 REVISED -
 REVISED -
 REVISED -

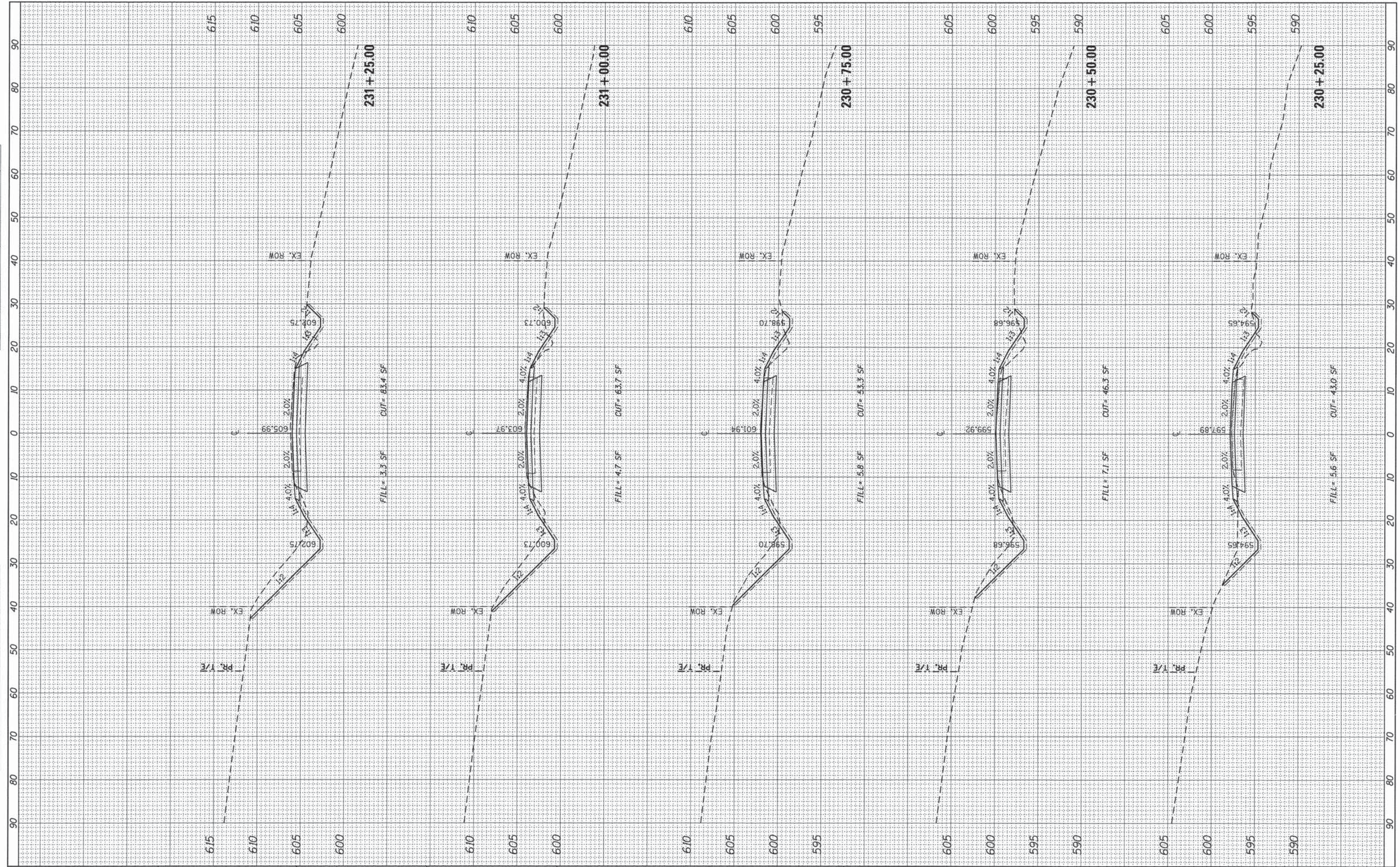
**PEORIA COUNTY HIGHWAY DEPARTMENT
 PEORIA COUNTY, ILLINOIS**

**CROSS SECTIONS
 EDEN ROAD**
 SCALE: 1" = 10'
 SHEET OF SHEETS STA. 229+25.00 TO STA. 230+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	60
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89371	

FINAL SURVEY	BY	DATE
REVIEWED		
TEMPLATE		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
REVIEWED		
TEMPLATE		
AREAS CHECKED		
NO.		



USER NAME = Emily Munday
 DESIGNED - EMM
 DRAWN - EMM
 CHECKED - EJM
 DATE - SEPTEMBER 2015
 PLOT SCALE = 10,000' / in.
 PLOT DATE = 9/8/2015 - 11:23:14 AM

REVISED -
 REVISED -
 REVISED -
 REVISED -

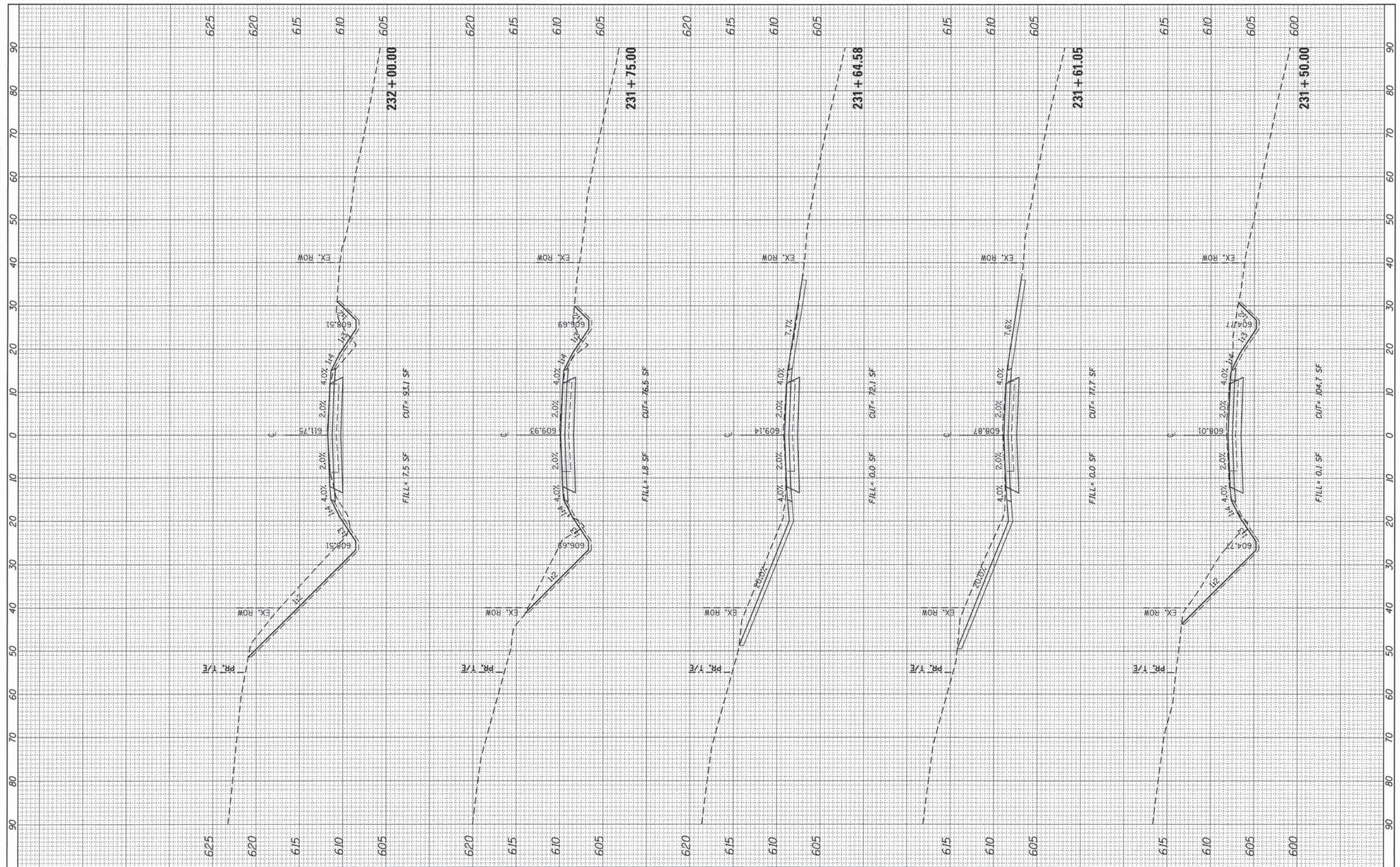
PEORIA COUNTY HIGHWAY DEPARTMENT
PEORIA COUNTY, ILLINOIS

CROSS SECTIONS
EDEN ROAD
 SCALE: 1" = 10' SHEET OF SHEETS STA. 230+25.00 TO STA. 231+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-0014-00-BR	PEORIA	64	61
			CONTRACT NO. 89371	
			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS	TEMPLATE		
CHECKED	AREAS		
	CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS	TEMPLATE		
CHECKED	AREAS		
	CHECKED		



USER NAME = Emily Munday
 DESIGNED - EMM
 DRAWN - EMM
 CHECKED - EJM
 DATE - SEPTEMBER 2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

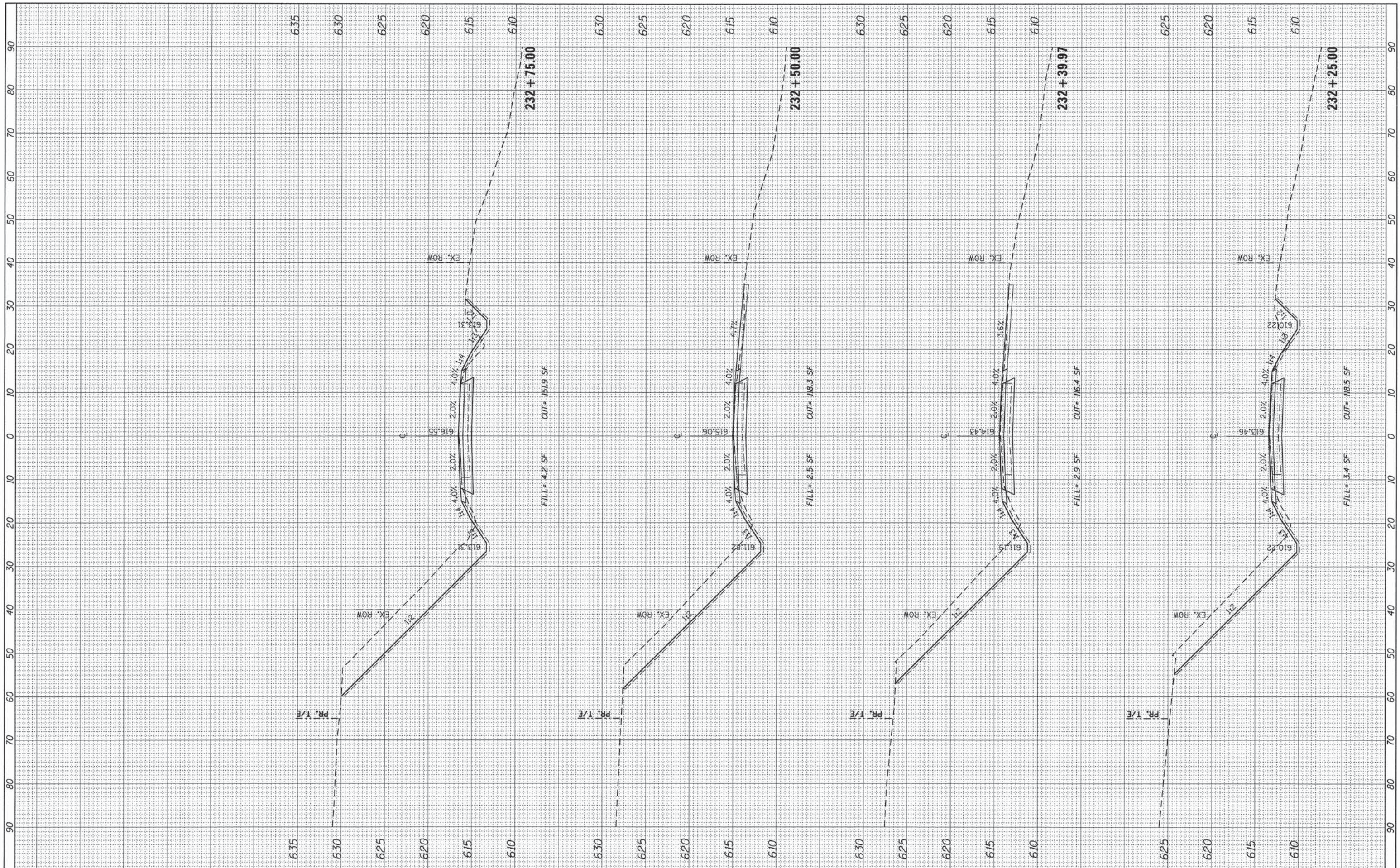
**PEORIA COUNTY HIGHWAY DEPARTMENT
 PEORIA COUNTY, ILLINOIS**

**CROSS SECTIONS
 EDEN ROAD**
 SCALE: 1" = 10'
 SHEET OF SHEETS STA. 231+50.00 TO STA. 232+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	62
			CONTRACT NO.	89371
(ILLINOIS) FED. AID PROJECT				

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

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



USER NAME = Emily Munday
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 9/8/2015 - 11:23:15 AM

DESIGNED - EMM
 DRAWN - EMM
 CHECKED - EJH
 DATE - SEPTEMBER 2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

**PEORIA COUNTY HIGHWAY DEPARTMENT
 PEORIA COUNTY, ILLINOIS**

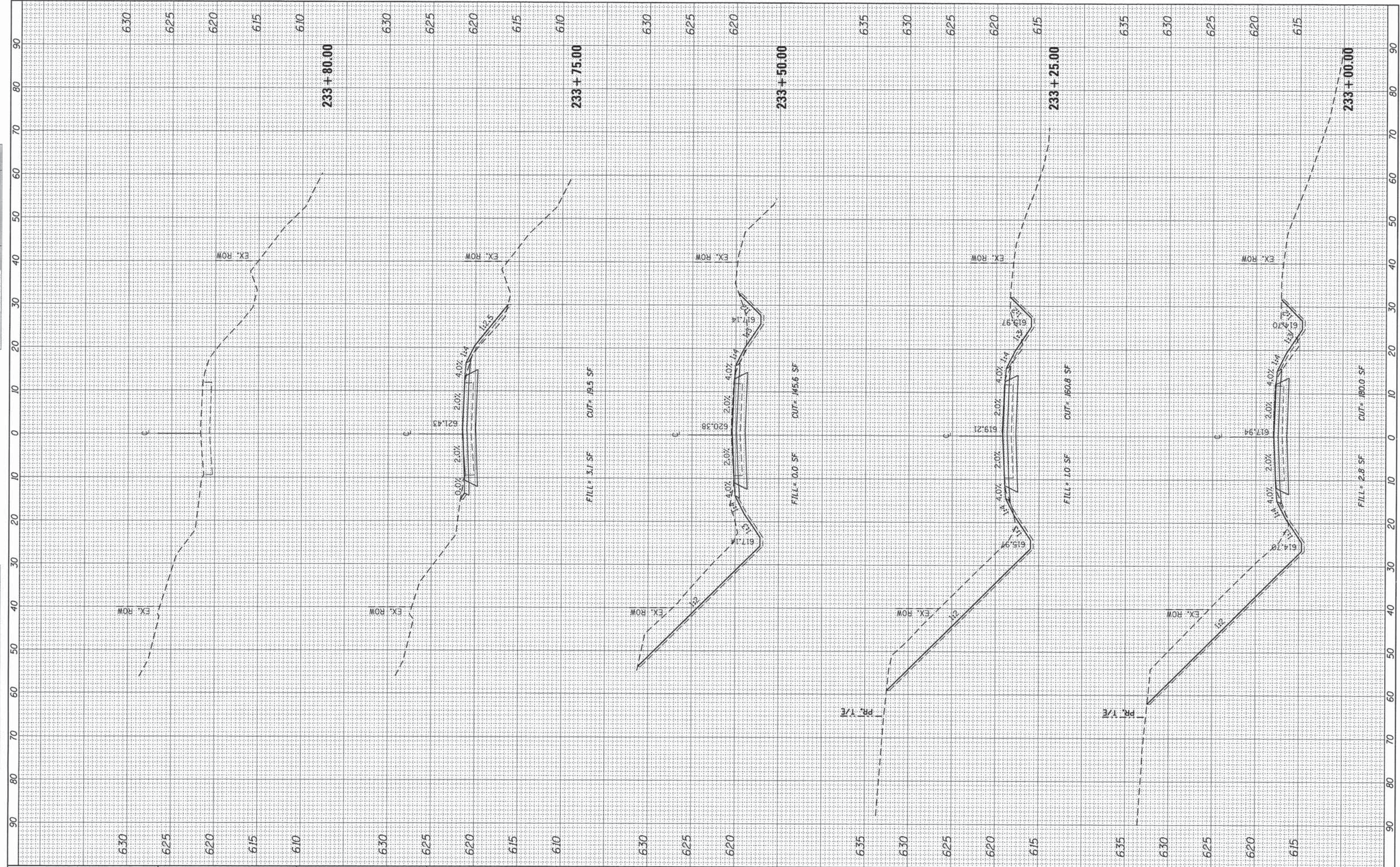
SCALE: 1" = 10' SHEET OF SHEETS STA. 232+25.00 TO STA. 232+75.00

**CROSS SECTIONS
 EDEN ROAD**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	63
CONTRACT NO. 89371			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	BY	DATE
SURVEYED		
NOTED		
TEMPLATE		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
DESIGNED		
PLOTTED		
TEMPLATE		
AREAS CHECKED		
NO.		



USER NAME = Emily Munday
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 9/8/2015 - 11:23:15 AM

DESIGNED - EMM
 DRAWN - EMM
 CHECKED - EJM
 DATE - SEPTEMBER 2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

**PEORIA COUNTY HIGHWAY DEPARTMENT
 PEORIA COUNTY, ILLINOIS**

SCALE: 1" = 10' SHEET OF SHEETS STA. 233+00.00 TO STA. 233+80.00

**CROSS SECTIONS
 EDEN ROAD**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00014-00-BR	PEORIA	64	64
CONTRACT NO. 89371			ILLINOIS FED. AID PROJECT	