

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAP ROUTE 315 (US 136)
SECTION (116)I-4
PROJECT: ACBRF-0315(054)
LOGAN COUNTY
C-96-513-08

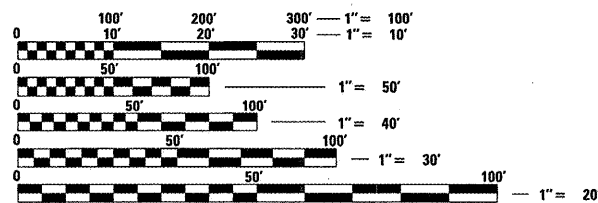
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(116)I-4	LOGAN	20	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 72A99		

INDEX OF SHEETS

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LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-05	701001-01
001001-01	701006-02
001006	701011-01
280001-04	701501-04
482001-02	701901
482011-03	780001-01
542201-01	781001-02
666001	BLR 21-7

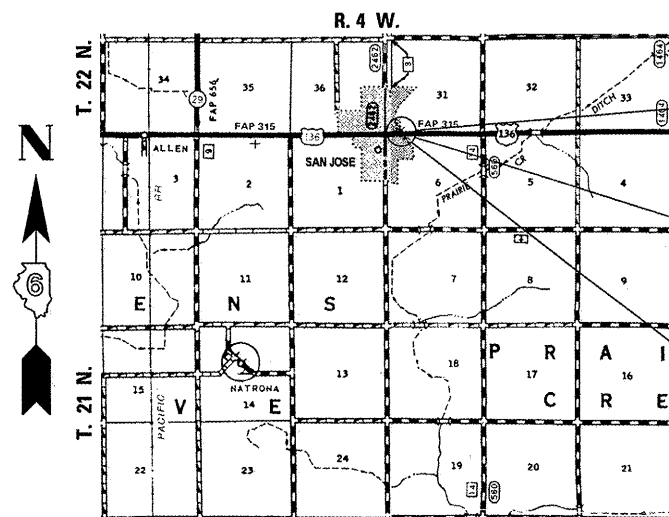


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

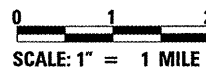
PROJECT ENGINEER: JOHN NEGANGARD (217)-782-6990
SQUAD LEADER: VICTOR YOUNG (217)-557-7897

CONTRACT NO. 72A99



LOCATION MAP

NET LENGTH OF PROJECT = 350 FEET = 0.066 MILES



PROPOSED PROJECT BEGINS
-STA. 11 + 50

SECTION (116)I-4
REMOVE EXISTING THREE SPAN PRECAST
PRESTRESSED CONCRETE DECK BEAM BRIDGE,
STA. 13 + 19.00, S.N. 054-0023, AND REPLACE
WITH 36" DIA. PIPE CULVERT AND EMBANKMENT.

PROPOSED PROJECT ENDS
-STA. 15 + 00

D-96-527-07



LOCATION OF SECTION INDICATED THUS: -

ADT = 2650 (2005)
% SU = 10.4 (2005)
% MU = 10.4 (2005)
TOWNSHIP: PRAIRIE CREEK
FUNCTIONAL CLASSIFICATION: OTHER PRINCIPAL
ARTERIAL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Aug 13 2008
Ray Z. Dush
DEPUTY DIRECTOR OF HIGHWAYS, REGION FOUR ENGINEER

October 3, 2008
Eric E. Harm
INTERIM ENGINEER OF DESIGN AND ENVIRONMENT

October 3, 2008
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER



Richard K. Allender III 08-11-2008
EXPIRATION: 11/30/2009

Allen Henderson & Associates, Inc.
Civil and Structural Engineers Springfield, IL.
62703 Phone: (217)544-8033 IL Design Firm
No. 184-001907

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ENVIRONMENTAL REVIEWS

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.

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS WILL NEED TO 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.

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- BDE FORM 2289 (ENVIRONMENTAL SURVEY REQUEST)
- A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- SIGNED PROPERTY OWNER AGREEMENT FORM
- COLOR PHOTOGRAPHS DEPICTING THE USE AREA

PLEASE NOTE THAT A MINIMUM OF TWO WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED ENVIRONMENTAL CLEARANCES.

PROPERTY OWNER ACCESS REQUIREMENT

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.

GENERAL NOTES

- 1.) THE THICKNESS OF BITUMINOUS MIXTURES 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 BITUMINOUS MIXTURE IS PLACED.
- 2.) EXCEPT AS NOTED IN THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- 3.) WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER OR AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
- 4.) SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION. AREAS TO BE SEEDED SHALL BE DETERMINED BY THE ENGINEER AND SEEDED AS SOON AS POSSIBLE.
- 5.) ALL SAW CUTS, NECESSARY TO COMPLETE THE WORK DETAILED IN THESE PLANS, SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED. THE MINIMUM SAW CUT DEPTH IN THE PAVEMENT SHALL BE 1/2" UNLESS OTHERWISE SPECIFIED IN A DETAIL SHOWN IN THE PLANS.
- 6.) UNLESS DIRECTED BY THE ENGINEER, PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT NOR OVER A TAR OR ASPHALT PAINTED LINE. THE EDGE OF A CENTERLINE OR LANE LINE SHALL BE OFFSET A MINIMUM DISTANCE OF 2" FROM A LONGITUDINAL CRACK OR JOINT. EDGE LINES SHALL BE APPROXIMATELY 2" FROM THE EDGE LINE OF PAVEMENT. SEE SECTION 780 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
- 7.) ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 8.) ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- 9.) IN ADDITION TO THE FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- 10.) THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID SEPERATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT, AND NO COMPENSATION WILL BE ALLOWED.
- 11.) THE LOCATION OF ALL UTILITIES ARE BASED ON INFORMATION PROVIDED BY OTHERS AND IS INTENDED TO BE APPROXIMATE. 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.
- 12.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 800-892-0123. A MINIMUM OF FORTY-EIGHT HOURS ADVANCE NOTICE IS REQUIRED.
- 13.) ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON U.S.G.S. MEAN SEA LEVEL DATUM. 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.
- 14.) THE DISTRICT BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS (PH: 217-785-5312)
- 15.) QUANTITY FOR EARTH EXCAVATION INCLUDES ANY EXCAVATION NECESSARY TO PLACE HOT MIX ASPHALT BASE COURSE.

COMMITMENTS

- 1.) THE RESIDENT ENGINEER SHALL CONTACT STUDIES AND PLANS CONCERNING ANY ANY MAJOR PLAN CHANGE, TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN AND ALLOW AN IMPROVED DESIGN FOR FUTURE PROJECTS.
- 2.) STORMWATER POLLUTION PREVENTION PLAN
- 3.) LETTER OF UNDERSTANDING BETWEEN SAN JOSE AND IDOT REGARDING ROAD CLOSURE DURATION.

MIXTURE REQUIREMENTS

MIXTURE USE(S)	HOT MIX ASPHALT SURFACE COURSE & INCIDENTAL SURFACING	HOT MIX ASPHALT BASE COURSE 8" & 12"
AC/PG	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50
MIXTURE COMPOSITION	IL 9.5 OR 12.5	IL 19.0
FRICTION AGGREGATE	MIX C	N/A

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED TO CALCULATE THE PLAN QUANTITIES:

HOT MIX ASPHALT MATERIALS (PRIME COAT)	0.00038 TON/SQ. YD. (ON PAVEMENT)
HOT MIX ASPHALT MATERIALS (PRIME COAT)	0.001425 TON/SQ.YD. (ON AGG)
HOT MIX ASPHALT SURFACE / BINDER	0.056 TON/SQ. YD. PER 1"
AGGREGATE MATERIAL	2.05 TON/CU. YD.
RIPRAP	1.5 TON/CU. YD.
NITROGEN FERTILIZER NUTRIENT	90 LBS./ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LBS./ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS./ACRE
AGGREGATE PRIME COAT	0.002 TON/SQ. YD.
AGRICULTURAL GROUND LIMESTONE	2.0 TON/ACRE

DISTRICT SIX	
EXAMINED <i>August 5</i> 20 <i>08</i>	<i>David J. Hanson</i>
OPERATIONS ENGINEER	
EXAMINED <i>July 22</i> 20 <i>08</i>	<i>W.R. Fry</i>
PROGRAM IMPLEMENTATION ENGINEER	
EXAMINED <i>Aug 13</i> 20 <i>08</i>	<i>W.R. Fry</i>
PROGRAM DEVELOPMENT ENGINEER	

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		CHECKED	REVISED
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		DATE	REVISED
		-	-



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 No. 184-001907

GENERAL NOTES, UTILITIES & MIXTURE REQUIREMENTS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

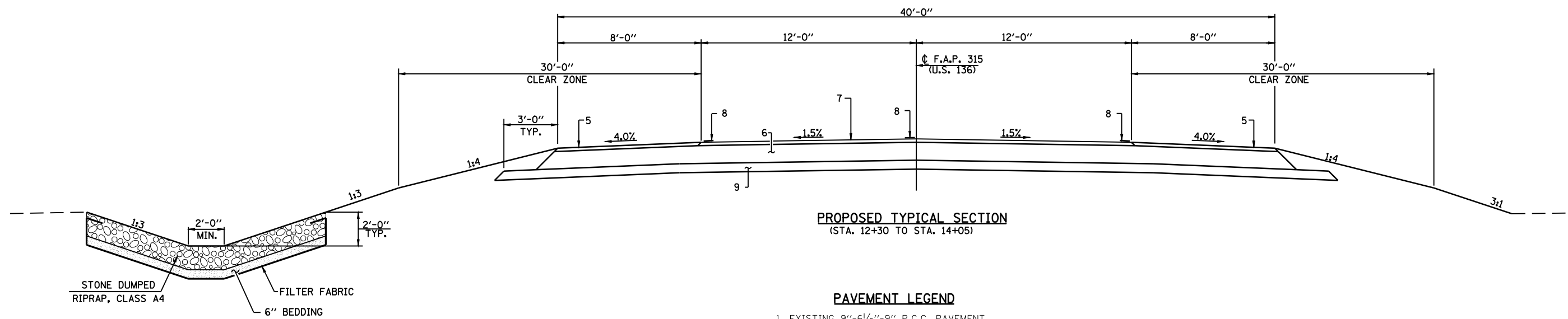
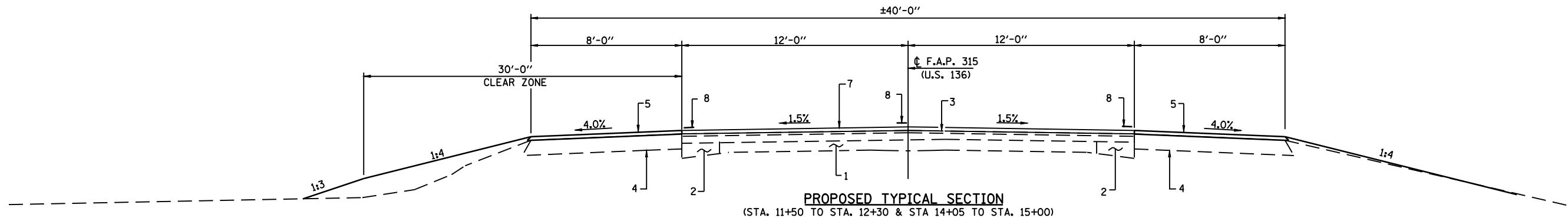
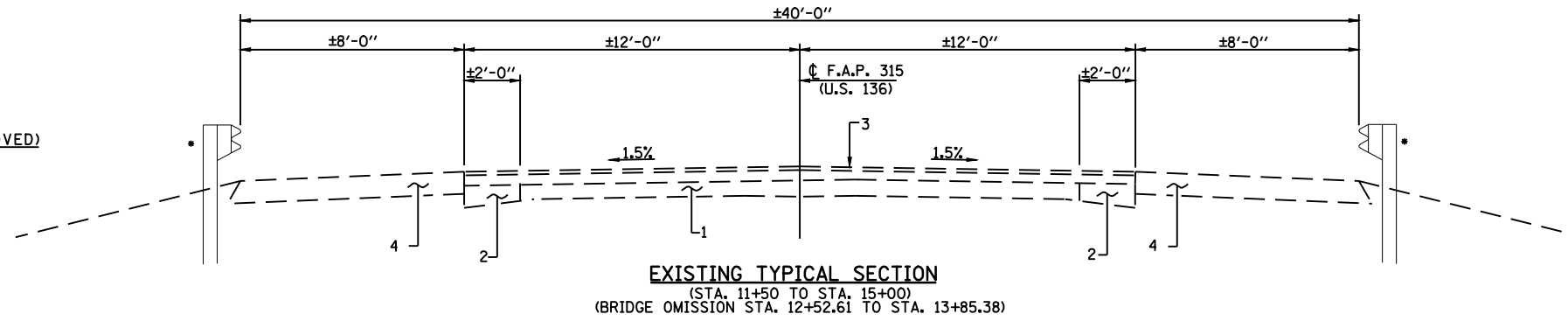
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(116)1-4	LOGAN	20	2
				CONTRACT NO. 72A99
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				ROADWAY FAP 315 80% FEDERAL 20% STATE	STRUCTURE S.N. 054-0023 80% FEDERAL 20% STATE
CODE NO.	SUMMARY OF QUANTITIES PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION 1000-2A	TYPE CODE X080-2A
20100500	TREE REMOVAL, ACRES	ACRE	0.7	0.7	
20200100	EARTH EXCAVATION	CU YD	160	160	
20201450	SUB-BASE GRANULAR MATERIAL, TYPE A	CU YD	154	154	
20400805	FURNISHED EXCAVATION, SPECIAL	CU YD	9380	9380	
25000200	SEEDING, CLASS 2	ACRE	1.0	1.0	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	90	90	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	90	90	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	90	90	
25000700	AGRICULTURAL GROUND LIMESTONE	TON	2.0	2.0	
25100115	MULCH, METHOD 2	ACRE	1.0	1.0	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100	100	
28000400	PERIMETER EROSION BARRIER	FOOT	169	169	
28001000	AGGREGATE (EROSION CONTROL)	TON	15	15	
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	523	523	
28200200	FILTER FABRIC	SQ YD	784	784	
35501332	HOT-MIX ASPHALT BASE COURSE, 12"	SQ YD	778	778	
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	0.65	0.65	
40600300	AGGREGATE (PRIME COAT)	TON	3.35	3.35	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	227	227	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	105	105	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	17	17	
44000100	PAVEMENT REMOVAL	SQ YD	113	113	
44000920	BITUMINOUS CONCRETE SHOULDER REMOVAL	SQ YD	76	76	
48203005	HOT-MIX ASPHALT SHOULDERS, 2"	SQ YD	571	571	
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1
50105220	PIPE CULVERT REMOVAL	FOOT	62	62	

SUMMARY OF QUANTITIES				ROADWAY FAP 315 80% FEDERAL 20% STATE	STRUCTURE S.N. 054-0023 80% FEDERAL 20% STATE
CODE NO.	SUMMARY OF QUANTITIES PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION 1000-2A	TYPE CODE X080-2A
54203601	PIPE CULVERTS, TYPE 5 RCCP 36"	FOOT	206	206	
54215436	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 36"	EACH	2	2	
63200310	GUARDRAIL REMOVAL	FOOT	360	360	
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	8	8	
67100100	MOBILIZATION	L SUM	1	1	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3	
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	840	840	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	5	5	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	3	3	
X6028300	INLETS TO BE REMOVED, SPECIAL	EACH	2	2	
XX005369	TRAFFIC CONTROL & PROTECTION FOR TEMPORARY DETOUR	L SUM	1	1	
Z0001900	ASBESTOS BEARING PAD REMOVAL	EACH	56		56

*Specialty Items

• EXISTING GUARDRAIL (TO BE REMOVED)
 LT. STA. 11±39 TO STA. 12±39
 LT. STA. 13±75 TO STA. 14±75
 RT. STA. 14±00 TO STA. 15±00



PAVEMENT LEGEND

1. EXISTING 9"-6 1/2"-9" P.C.C. PAVEMENT
2. EXISTING HOT MIX ASPHALT BASE COURSE WIDENING (9")
3. EXISTING HOT MIX ASPHALT OVERLAY (2 1/4")
4. EXISTING HOT MIX ASPHALT SHOULDER (8")
5. PROPOSED HOT MIX ASPHALT SHOULDERS, 2"
6. PROPOSED HOT MIX ASPHALT BASE COURSE, 12"
7. PROPOSED HOT MIX ASPHALT SURFACE COURSE (2")
8. PROPOSED PAVEMENT MARKING - LINE 5"
9. PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A (6")
10. PROPOSED INCIDENTAL HOT MIX ASPHALT SURFACING (2")

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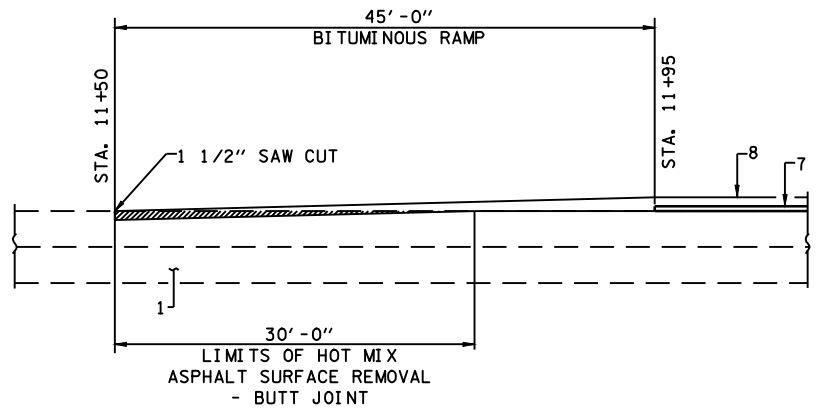
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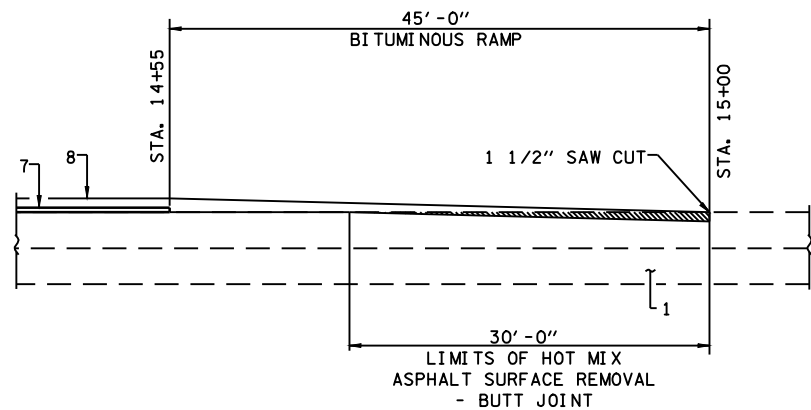
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DETAILS & TYPICAL ROADWAY SECTIONS
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(116)I-4	LOGAN	20	4
CONTRACT NO. 72A99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



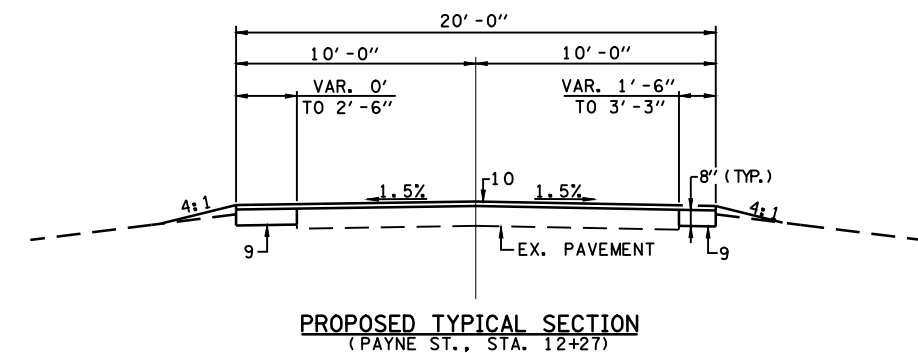
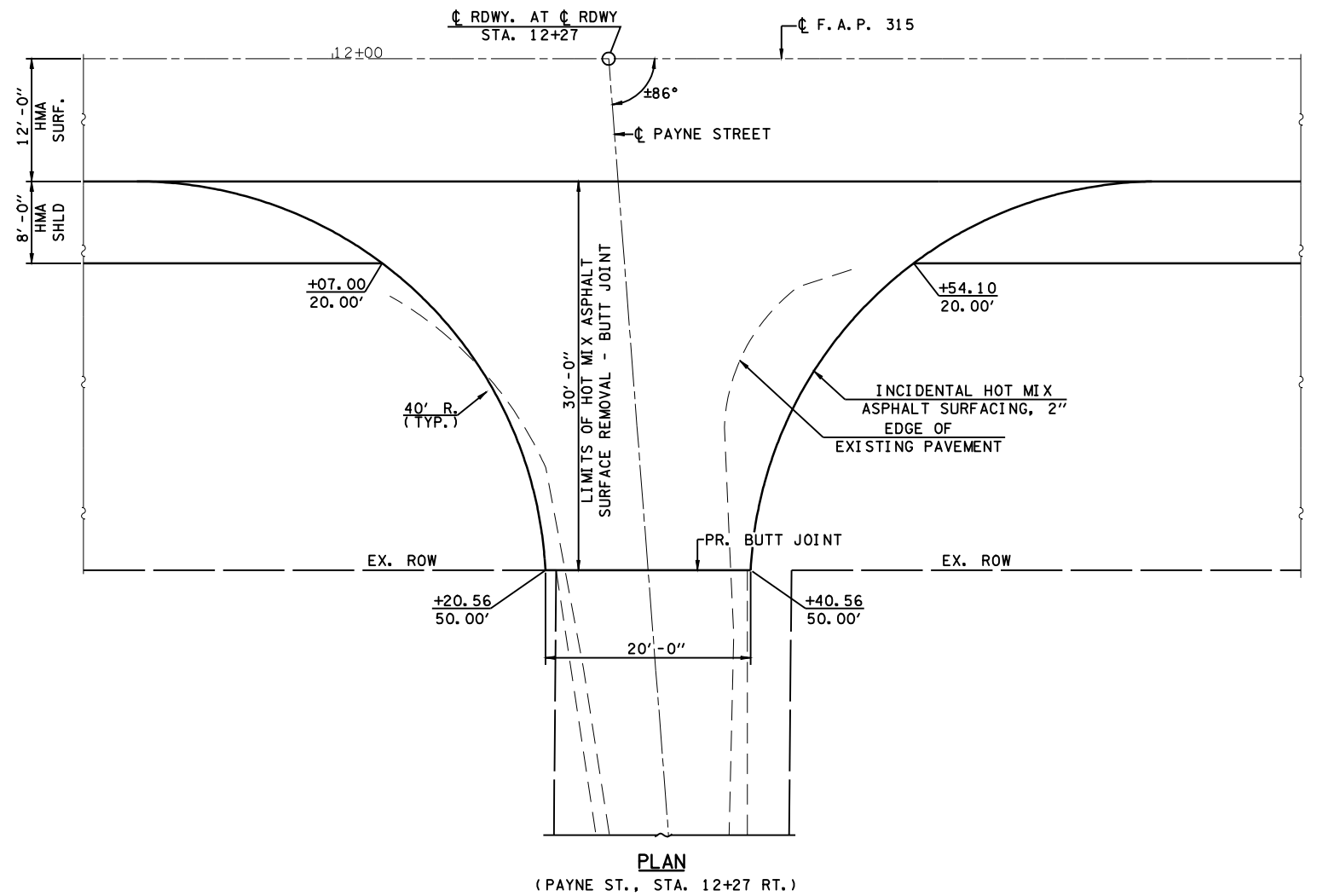
BUTT JOINT DETAIL
(STA. 11+50 & STA. 11+95)



BUTT JOINT DETAIL
(STA. 14+55 & STA. 15+00)

PAVEMENT LEGEND

1. EXISTING 9"-6 1/2"-9" P.C.C. PAVEMENT
2. EXISTING HOT MIX ASPHALT BASE COURSE WIDENING (9")
3. EXISTING HOT MIX ASPHALT OVERLAY (2 1/4")
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10. PROPOSED INCIDENTAL HOT MIX ASPHALT SURFACING (2")



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CHECKED -	REVISED -
DATE -	REVISED -



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DETAILS & TYPICAL ROADWAY SECTIONS

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(116)I-4	LOGAN	20	5
CONTRACT NO. 72A99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

HOT MIX ASPHALT SCHEDULE

LOCATION	HOT MIX ASPHALT SHOULDER 2" (SQ. YD.)	HOT MIX ASPHALT BASE COURSE 12" (SQ. YD.)	HOT MIX ASPHALT SURFACE COURSE, MIX "C", N50 (TON)	BITUMINOUS MATERIALS (PRIME COAT) (TON)	AGGREGATE PRIME COAT (TON)	INCIDENTAL HOT MIX ASPHALT SURFACING (TON)
STA. 11+50 TO STA. 12+30	90		24	0.14	0.72	
STA. 12+30 TO STA. 14+05	312	778	53	0.30	1.57	
STA. 14+05 TO STA. 15+00	169		28	0.16	0.85	
PAYNE ST. STA. 12+27 RT.				0.05	0.21	17
TOTAL	571	778	105	0.65	3.35	17

PAVEMENT MARKING SCHEDULE

LOCATION	LENGTH (FT.)	PAINT PVMT. MK. LINE - 5"	
		WHITE (FT.)	YELLOW SKIP DASH & NO PASSING (FT.)
STA. 11+50 TO STA. 11+95	45	90	
STA. 11+95 TO STA. 12+30	35	70	
STA. 12+30 TO STA. 14+05	175	350	
STA. 14+05 TO STA. 14+55	50	100	
STA. 14+55 TO STA. 15+00	45	90	
STA. 11+50 TO STA. 15+00	350		90
TOTAL			840

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD
STA. 11+50 TO STA. 12+30	10	8	350	-342
STA. 12+30 TO STA. 14+05	92	69	8860	-8791
STA. 14+05 TO STA. 15+00	58	43	290	-247
TOTAL	160	120	9500	-9380

SCHEDULE PERMANENT SEEDING

LOCATION	SEEDING CLASS 2 (ACRE)	NITROGEN RET. NUT. (POUND)	PHOSPHORUS FERT. NUT. (POUND)	POTASSIUM FERT. NUT. (POUND)	MULCH METHOD 2 (ACRE)	TEMPORARY EROSION CONTROL SEEDING (POUND)	AGRICULTURAL GROUND LIMESTONE (TON)
STA. 11+50 TO STA. 15+00 LT.	0.6	54	54	54	0.6	60	1.2
STA. 11+50 TO STA. 15+00 RT.	0.4	36	36	36	0.4	40	0.8
TOTAL	1.0	90	90	90	1.0	100	2.0

SCHEDULE HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

LOCATION	QUANTITY (SQ. YD.)
STA. 11+50 TO STA. 11+80	80
STA. 14+70 TO STA. 15+00	80
PAYNE ST. STA. 12+27 RT.	67
TOTAL	227

SCHEDULE AGGREGATE (EROSION CONTROL)

LOCATION	QUANTITY (TON)
STA. 13+00 RT.	5
STA. 13+50 LT.	5
STA. 14+50 RT.	5
TOTAL	15

SCHEDULE SUB - BASE GRANULAR MATERIAL, TYPE A

LOCATION	QUANTITY (CU. YD.)
STA. 12+30 TO STA. 14+05	149
PAYNE ST. STA. 12+27 RT.	5
TOTAL	154

SCHEDULE PERIMETER EROSION BARRIER

LOCATION	QUANTITY (FOOT)
STA. 12+15 TO STA. 12+75 LT.	60
STA. 13+36 TO STA. 14+45 RT.	109
TOTAL	169

SCHEDULE PIPE CULVERT REMOVAL

LOCATION	QUANTITY (FOOT)
STA. 13+70 TO STA. 14+32 RT.	62
TOTAL	62

SCHEDULE PAVEMENT REMOVAL

LOCATION	QUANTITY (SQ. YD.)
STA. 12+30 TO STA. 12+52.61	60
STA. 13+85.38 TO STA. 14+05	53
TOTAL	113

SCHEDULE RAISED REFLECTIVE PAVEMENT MARKER

LOCATION	QUANTITY (EACH)
ASSUME 80' CTS.	
STA. 11+50 TO STA. 15+00	5
TOTAL	5

SCHEDULE RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

LOCATION	QUANTITY (EACH)
ASSUME 80' CTS.	
STA. 11+50 TO STA. 15+00	3
TOTAL	3

SCHEDULE GUARDRAIL REMOVAL

LOCATION	QUANTITY (FOOT)
STA. 11+39 TO STA. 12+39 LT.	100
STA. 12+40 TO STA. 12+63 RT.	60
STA. 13+75 TO STA. 14+75 LT.	100
STA. 14+00 TO STA. 15+00 RT.	100
TOTAL	360

SCHEDULE TREE REMOVAL, ACRES

LOCATION	QUANTITY (ACRE)
STA. 11+40 TO STA. 14+25 LT.	0.4
STA. 13+00 TO STA. 14+50 RT.	0.3
TOTAL	0.7

SCHEDULE STONE DUMPED RIPRAP, CLASS A4 & FILTER FABRIC

LOCATION	STONE RIPRAP, CLASS A4 (TON)	FILTER FABRIC (SQ. YD.)
STA. 12+25 TO STA. 13+50 LT.	257	385
STA. 13+00 TO STA. 14+50 RT.	266	399
TOTAL	523	784

SCHEDULE PIPE CULVERT & END SECTIONS

LOCATION	PIPE CULVERTS, TYPE 5 RCCP 36" (FOOT)	C.I.P. REINFORCED CONCRETE END SECTIONS, 36" (EACH)
STA. 12+64.6 LT.		1
STA. 13+19.00	206	
STA. 13+68.3 RT.		1
TOTAL	206	2

SCHEDULE BITUMINOUS CONCRETE SHOULDER REMOVAL

LOCATION	QUANTITY (SQ. YD.)
STA. 12+30 TO STA. 12+52.61	41
STA. 13+85.38 TO STA. 14+05	35
TOTAL	76

SCHEDULE FURNISHING AND ERECTING RIGHT OF WAY MARKERS

LOCATION	QUANTITY (EACH)
STA. 11+88.60 LT.	1
STA. 12+15.00 LT.	1
STA. 12+75.00 LT.	1
STA. 13+60.77 LT.	1
STA. 16+00.00 LT.	1
STA. 13+33.66 RT.	1
STA. 14+47.84 RT.	1
STA. 14+65.00 RT.	1
TOTAL	8

SCHEDULE INLETS TO BE REMOVED, SPECIAL

LOCATION	QUANTITY (EACH)
STA. 12+34 LT.	1
STA. 12+55 RT.	1
TOTAL	2

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Allen Henderson & Associates, Inc.
 Civil and Structural Engineers Springfield, IL
 62708 Phone: (217)544-8033 IL Design Firm
 No. 184-001907

SCHEDULE OF QUANTITIES			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(116)I-4	LOGAN	20	6
CONTRACT NO. 72A99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SECTION 31 T.21N. R.4W. 3rd P.M.

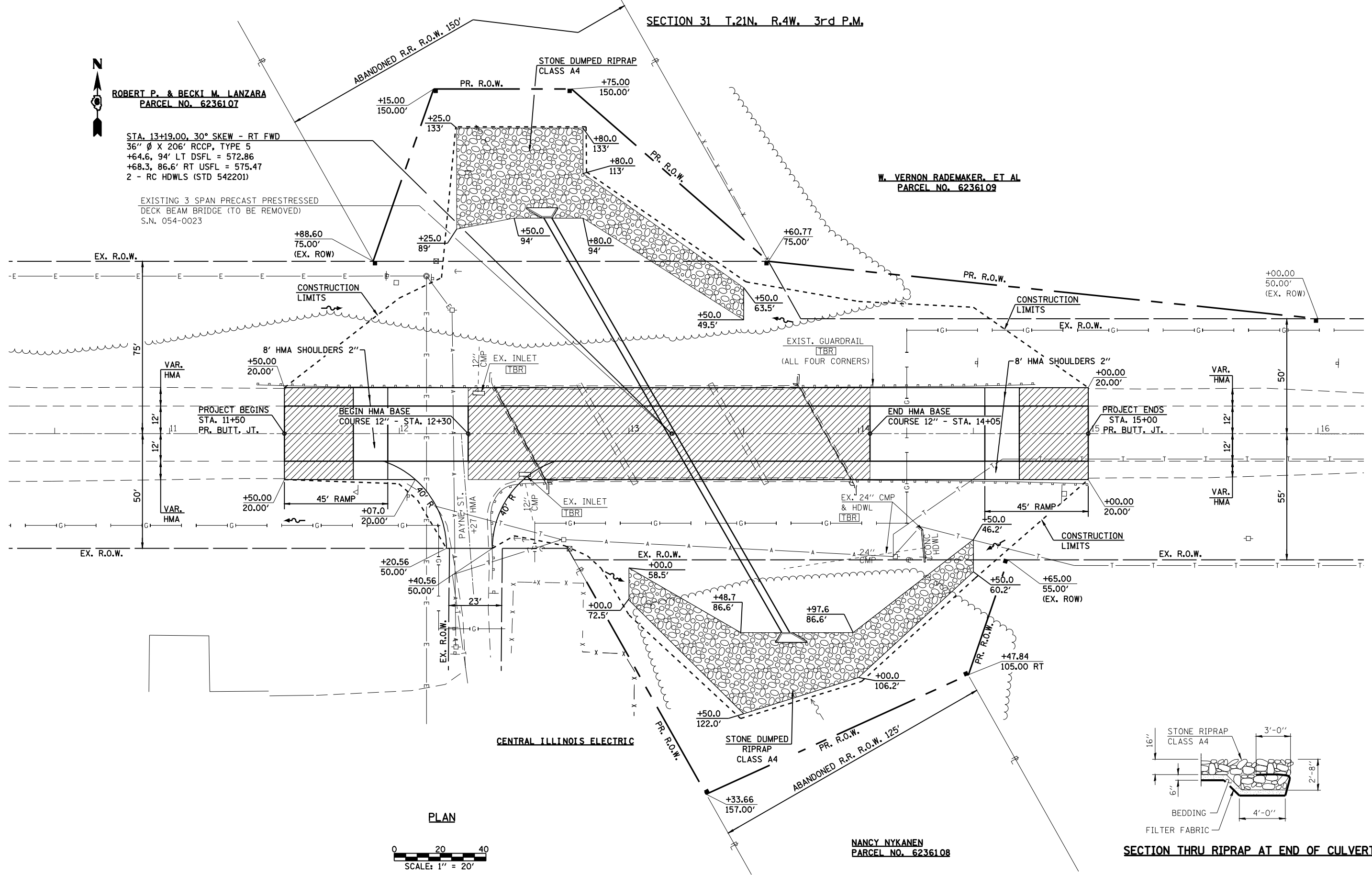


ROBERT P. & BECKI M. LANZARA
PARCEL NO. 6236107

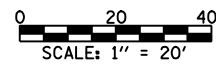
STA. 13+19.00, 30° SKEW - RT FWD
36" Ø X 206' RCCP, TYPE 5
+64.6, 94' LT DSFL = 572.86
+68.3, 86.6' RT USFL = 575.47
2 - RC HDWLS (STD 542201)

EXISTING 3 SPAN PRECAST PRESTRESSED
DECK BEAM BRIDGE (TO BE REMOVED)
S.N. 054-0023

W. VERNON RADEMAKER, ET AL
PARCEL NO. 6236109

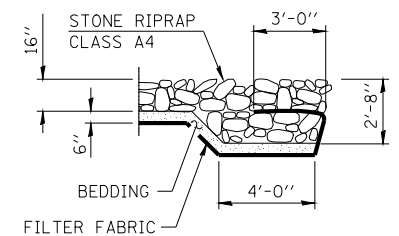


PLAN



CENTRAL ILLINOIS ELECTRIC

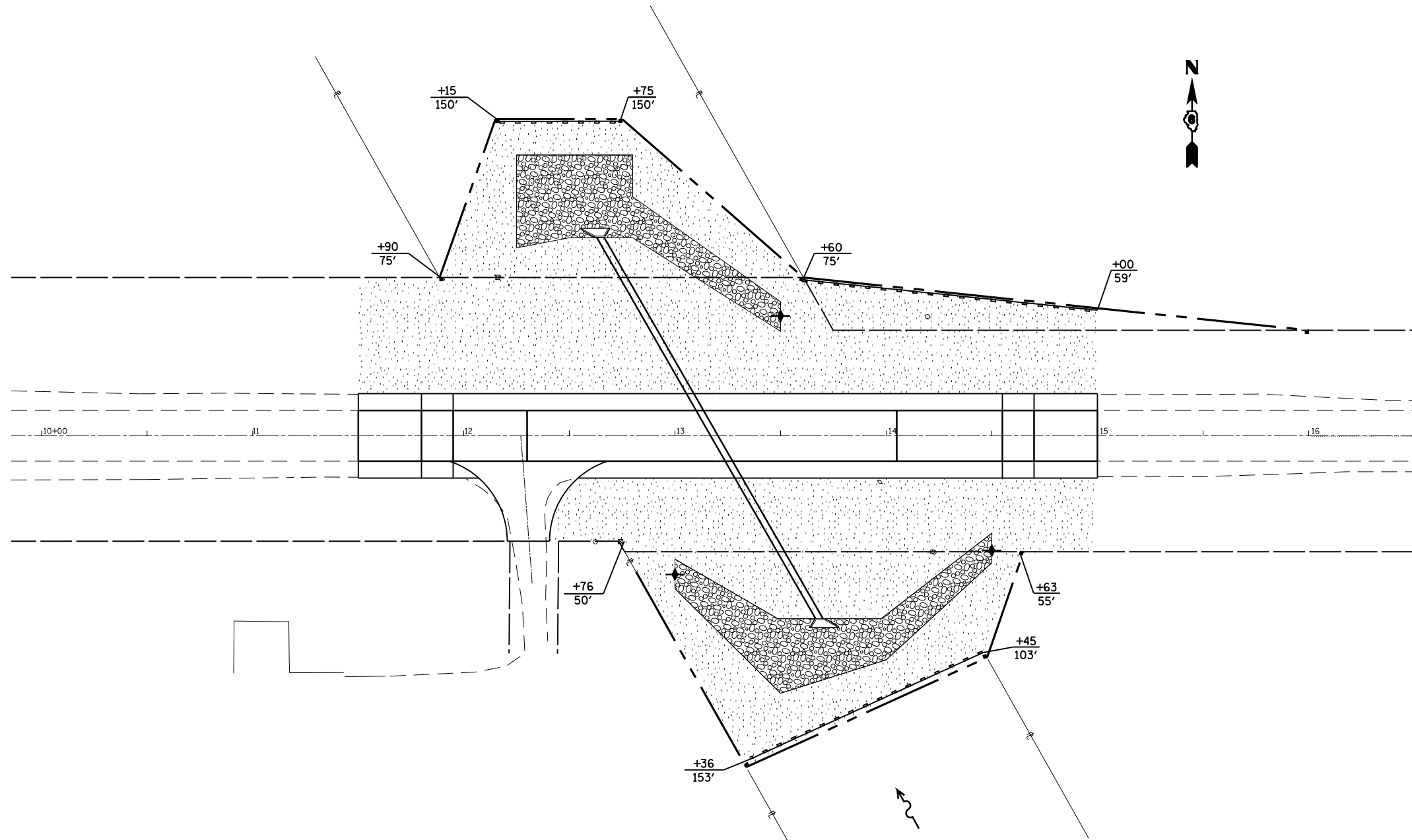
NANCY NYKANEN
PARCEL NO. 6236108







SECTION THRU RIPRAP AT END OF CULVERT

SECTION 6 T.21N. R.4W. 3rd P.M.

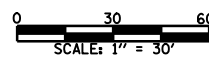
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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -						315	(116)I-4	LOGAN	20	7
PLOT DATE = Aug-12-2008 01:07:45PM	DATE -	REVISED -	REVISED -				CONTRACT NO. 72A99			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



LEGEND

-  - SEEDING, CLASS 2 WITH MULCH, METHOD 2
-  - STONE DUMPED RIPRAP, CLASS A4
-  - PERIMETER EROSION BARRIER
-  - AGGREGATE (EROSION CONTROL)

EROSION CONTROL PLAN



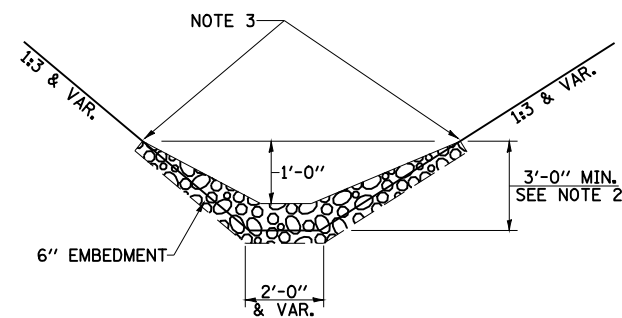
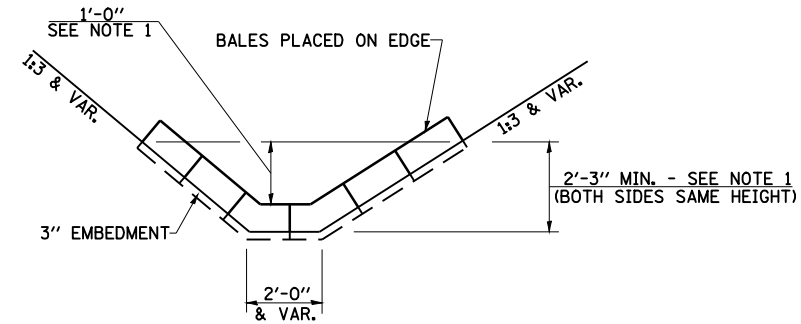
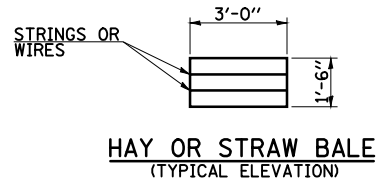
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 Civil and Structural Engineers Springfield, IL
 62708 Phone: (217)544-8033 IL Design Firm
 No. 184-001907

EROSION CONTROL PLAN				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(116)I-4	LOGAN	20	9
CONTRACT NO. 72A99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



NOTE 1: BALES SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 1'-0" OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE BALES.

NOTE 2: RIPRAP SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 1'-0" OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE RIPRAP.

NOTE 3: ENDS SHALL BE TIED INTO SLOPES.

LEGEND FOR STORM WATER POLLUTION PREVENTION PLAN

ITEM	SYMBOL
AGGREGATE (EROSION CONTROL) (STONE DUMPED RIPRAP DITCH CHECKS (Height = 0.6 m))	
TEMPORARY DITCH CHECKS (HAY OR STRAW BALE DITCH CHECKS OR APPROVED SUBSTITUTION)	
INLET PIPE PROTECTION (I&PP) (HAY OR STRAW BALE DITCH CHECKS OR APPROVED SUBSTITUTION)	
EROSION CONTROL FENCE	
EARTH EXCAVATION FOR EROSION CONTROL (SEDIMENT BASINS)	
PRESERVE EXISTING TREES, WOODLANDS, AND UNDERSTORY (OUTSIDE CONSTRUCTION LIMITS)	
ITEM PLACED AT BEGINNING OF CONSTRUCTION (REQUIREMENT)	* ITEM *
ITEM PLACED AS DIRECTED BY ENGINEER (WHEN REQUIRED BY SITUATION)	ITEM
DIRECTION OF OVERLAND FLOW	

GENERAL NOTES:

ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON THIS SHEET, ON STANDARD 280001, AND AS DIRECTED BY THE ENGINEER.

THE SYMBOLOGY ON THE STORM WATER POLLUTION PREVENTION PLAN SHEETS DOES NOT REPRESENT THE SIZE OR QUANTITY OF BALES, FOR NUMBER OF BALES REFER TO DETAILS AND NOTES SHOWN ON THIS SHEET AND/OR AS DIRECTED BY THE ENGINEER.

SEE SHEET NO. 6 FOR EROSION CONTROL ITEMS SCHEDULE.

STORM WATER POLLUTION PREVENTION PLAN

Route: FAP 315 Marked: US 136
 Section: (116)1-4 Project No.: NA
 County: Logan County Contract No.: 72A99

This plan has been prepared to comply with the provision of the NPDES Permit Number ILR10 _____ issued by the Illinois Environmental Protection Agency for storm water discharges from construction site activities.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Ray Z. Davis 8-13-08
 (Signature) (Date)

Regional Engr. Reson 4
 (Title)

Note: The above boxed in area will be filled out by IDOT - Construction after the award of the contract to obtain the required NPDES permit.

The following plan was established and included in these plans to direct the Contractor in the placement of temporary erosion control systems and to provide a storm water pollution prevention plan for compliance under NPDES. The Contractor shall abide to all requirements within this plan as part of the contract.

The purpose of this plan is to prevent / minimize siltation within the construction zone and to eliminate sediments from entering and leaving the construction zone by utilizing proper temporary erosion control systems and providing ground cover within a reasonable time.

Certain items, as shown in this plan and referenced by the legend, shall be placed by the Contractor at the beginning of construction at locations shown on the plans. Other items shall be placed by the Contractor as directed by the Engineer on a case by case situation resulting from the Contractor's sequence of activities, time of year and expected weather conditions.

The Contractor shall place permanent erosion control systems and seeding within a reasonable amount of time; therefore, reducing the amount of area being open to the possibility of erosion and reducing the amount of temporary erosion control systems and temporary seeding. The Resident Engineer will determine if temporary erosion control systems shown in the plan can be deleted, the size of the proposed ditch checks, the proper method of installation, and if any additional temporary erosion control systems shall be added which are not included in this plan. The Contractor shall perform all work as directed by the Engineer and as shown in special details and in Standard 280001 of the plans.

All disturbed areas having high potential for erosion, as determined by the Engineer, shall be temporarily seeded or permanently seeded by October 1, 2009 and shall not be reopened until after the winter shutdown period.

SITE DESCRIPTION

Description of Construction Activity:

1. The proposed project consists of the removal of the existing three span structure and replacing it with a 36"Ø pipe culvert and embankment located on US 136 in Logan County.
2. Construction consists of grading, riprap placement, bituminous resurfacing, placing bituminous and aggregate shoulders, guardrail removal and other miscellaneous work to complete improvements to the proposed roadway.

Description of Intended Sequence of Major Construction Activities Which Will Disturb Earth and Lead to Possible Erosion for Major Portions of the Construction Site:

1. Grading and shaping of ditches at project location.
2. Excavation will be completed along the US 136 section to grade out for proposed roadway ditches.
3. Embankment will be completed at shoulders to raise the existing ground elevation to meet the proposed roadway template.
4. Drainage structure will be installed before and/or during the construction of the excavation and embankment to allow proper drainage under roadway.
5. Placement, maintenance, removal and proper clean-up of temporary erosion control, such as erosion control fence, ditch checks, temporary seeding, etc.
6. Placement of permanent erosion control, such as seeding, mulch and fertilizer nutrients.
7. Final grading, paving and other miscellaneous items.

Other Reports, Studies and Plans which Aid in the Development of this Storm Water Pollution Prevention Plan as Referenced Documents:

1. Information on the soils within the site was obtained from field reviews which were utilized for proposed placement of the temporary erosion control systems.
2. U.S.G.S. drainage maps indicating drainage patterns and approximate slopes were referenced along with project plan documents to assist in the proposed placement of the temporary erosion control systems.

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROLS

Description of Stabilization Practices at the Beginning of Construction:

1. The area between the existing right-of-way boundaries and limits of the project will be improved and managed for the purposes of controlling erosion within the area, reducing water flow by temporary diversion and minimizing siltation into the construction zone, and establishing vegetative cover which will become permanent vegetation and act as an erosion barrier. Work at the beginning of construction will consist of the following:
 - (a) Areas of existing vegetation (woods and grasslands) outside the proposed construction slope limits shall be identified for preserving and shall be protected from mowing, brush cutting, tree removal and other activities which would be detrimental to their maintenance and development.
 - (b) Dead, diseased, or unsuitable vegetation within the site shall be removed as directed by the Engineer.
 - (c) As soon as reasonable access is available to all locations where water drains away from the project, temporary ditch checks, and/or erosion control fence shall be installed as called out in this plan and directed by the Engineer.
 - (d) Bare and sparsely vegetated ground in highly erodible areas as determined by the Engineer shall be temporarily seeded at the beginning of construction where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding".
 - (e) At locations where a significant amount of water drains into the construction zone from outside areas (adjacent landowners), erosion control fence, temporary ditch checks, will be utilized to locally divert water, reduce flow rates, and collect outside siltation inside the right-of-way line. Erosion control items will not be allowed to be installed to cause flooding to upstream private property which could cause crop damages or other undesirable conditions.
2. Establishment of these temporary erosion control measures will have additional benefits to the project. Desirable grass seed will become established in these areas and will spread seeds onto the construction site until permanent seeding/mowing and overseeding can be complete.
3. A third benefit of these filter areas is that they will begin to provide a screen and buffer. They will help protect the construction site from winds and excess sun and mitigate construction noise and dust.

Description of Stabilization Practices During Construction:

1. During roadway construction, areas outside the construction slope limits as outlined previously herein shall be protected from damaging effects of construction. The Contractor shall not use this area for staging (except as designated on the plans or directed by the Engineer), parking of vehicles or construction equipment, storage of materials, or other construction related activities.
 - (a) Within the construction zone, critical areas which have high flows of water as determined by the Engineer shall remain undisturbed until full scale construction is underway to prevent unnecessary soil erosion.
 - (b) Top soil and earth stockpiles shall be temporarily seeded if they are to remain unused for more than fourteen days.
 - (c) As the Contractor constructs a portion of roadway in a fill section, he/she shall follow the following steps as directed by the Engineer:
 - i. Place temporary erosion control systems at locations where water leaves and enters the construction zone
 - ii. Temporary seed highly erodible areas outside the construction slope limits
 - iii. Construct roadside ditches and provide temporary erosion control systems
 - iv. Continue building up the embankment to the proposed grade while at the same time place permanent erosion control and conduct final shaping to the slopes.
 - (d) The Contractor shall immediately follow major earth moving operations with final grading equipment. After the major earth spread operation has moved to a new location, final grading shall be completed within fourteen days. If grading is not completed within fourteen days, all major earth moving operations will be stopped, as directed by the Engineer, until disturbed areas are final graded and seeded.
 - (e) Excavated areas and embankments shall be permanently seeded when final graded. If not, they shall be temporarily seeded as stated in the special provision "Temporary Erosion Control Seeding".

(f) Construction equipment shall be stored and fueled only at designated locations. All necessary measures shall be taken to contain any fuel or pollution run-off in compliance with EPA water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.

(g) The Resident Engineer shall inspect the project daily during activities and weekly or after large rains during the winter shutdown period. The project shall additionally be inspected by the Construction Field Engineer on a bi-weekly basis to determine that erosion control efforts are in place and effective and if other control work is necessary.

(h) Sediment collected during construction by the various temporary erosion control systems shall be disposed of on the site on a regular basis as directed by the Engineer. The cost of this maintenance will be paid for in accordance with Article 109.04 of the Standard Specifications.

(i) The temporary erosion control systems shall be removed as directed by the Engineer after use is no longer needed or no longer functioning. The costs of this removal shall be included in the unit bid price for the temporary erosion control system. No additional compensation will be allowed.

Description of Structural Practices After Final Grading:

1. Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all proposed turf areas seeded and established with a proper stand.
2. Once permanent erosion control systems as proposed in the plans are functional and established, temporary items shall be removed, cleaned up, and disturbed turf reseeded. Temporary ditch checks will be allowed to remain in place where approved by the Engineer.


Maintenance after Construction:

1. Construction is complete after acceptance is received at the final inspection.
2. Areas will be inspected on a regular basis by IDOT District 6 Bureau of Operations.
3. Maintenance crews will perform regular mowings to aid in keeping weeds down and establishing a good roadside seed stand.
4. Maintenance crews will also aid in any ditch maintenance or in any drainage problems.
5. All maintenance will be conducted at times when weather conditions will not cause site damage.

DOCUMENTATION

1. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, date(s) of the inspection, major observations relating to the implementation of this storm water pollution prevention plan, and actions taken in accordance with Section 4.b. shall be made and retained as part of the plan for at least three years after the date of inspection. The report shall be signed in accordance with part VI.G of the general permit.
2. If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer or Resident Technician shall complete and file an "Incident of Noncompliance (ION)" report for the identified violation. The Resident Engineer or Resident Technician shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of noncompliance shall be signed by a responsible authority in accordance with Part IV.G. of the general permit. The report of noncompliance shall be mailed to the following address:

Illinois Environmental Protection Agency
 Division of Water Pollution Control
 1021 North Grand Avenue E.
 Springfield, IL 62702
 Attn: Compliance Assurance Section

FILE NAME = D672A99-SWPPP.dgn	USER NAME = laughlann1	DESIGNED -	REVISED -		Allen Henderson & Associates, Inc. Civil and Structural Engineers Springfield, IL 62703 Phone: (217)544-8033 IL Design Firm No. 184-001907	STORM WATER POLLUTION PREVENTION PLAN				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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										CONTRACT NO. 72A99				

CONTRACTOR CERTIFICATION STATEMENT

This certification statement is part of the Storm Water Pollution Plan for the project described below in accordance with NPDES Permit No. ILR10 _____, issued by the Illinois Environmental Protection Agency on _____.

Section: _____ Project No.: NA

County: Logan County Contract No.: 72A99

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

Signature _____ Date _____

Title _____

Name of Firm _____

Street Address _____

City, State, Zip _____

Phone Number _____

Note: The above boxed in area shall be filled out by the Contractor after the award of the contract to obtain the required NPDES Permit from IEPA. This is a requirement for this contract.

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D672A99-SWPPP.dgn

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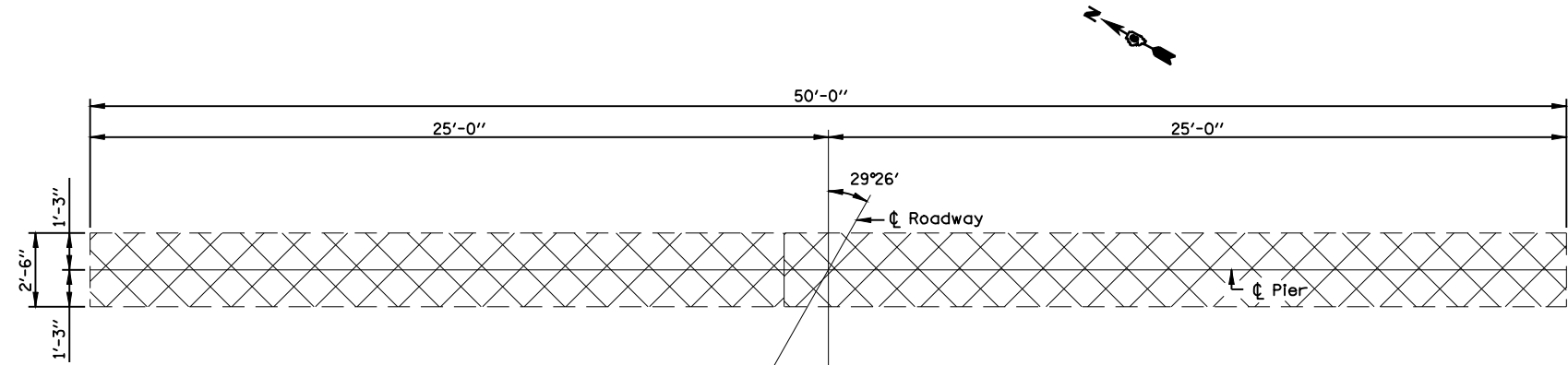


Allen Henderson & Associates, Inc.
Civil and Structural Engineers Springfield, IL
62708 Phone: (217)544-8033 IL Design Firm
No. 184-001907

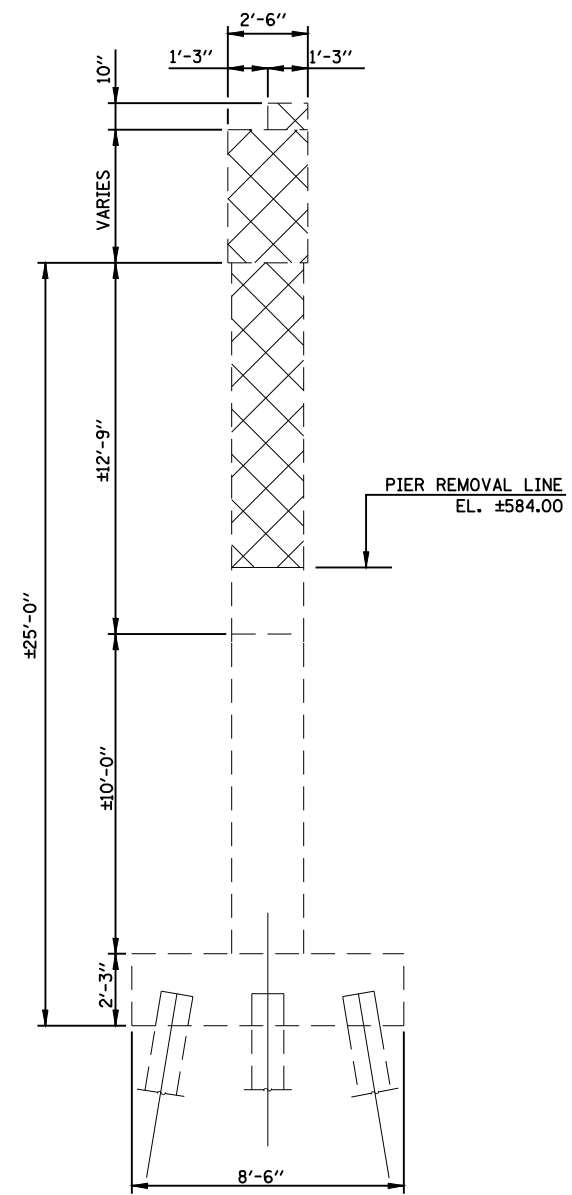
STORM WATER POLLUTION PREVENTION PLAN

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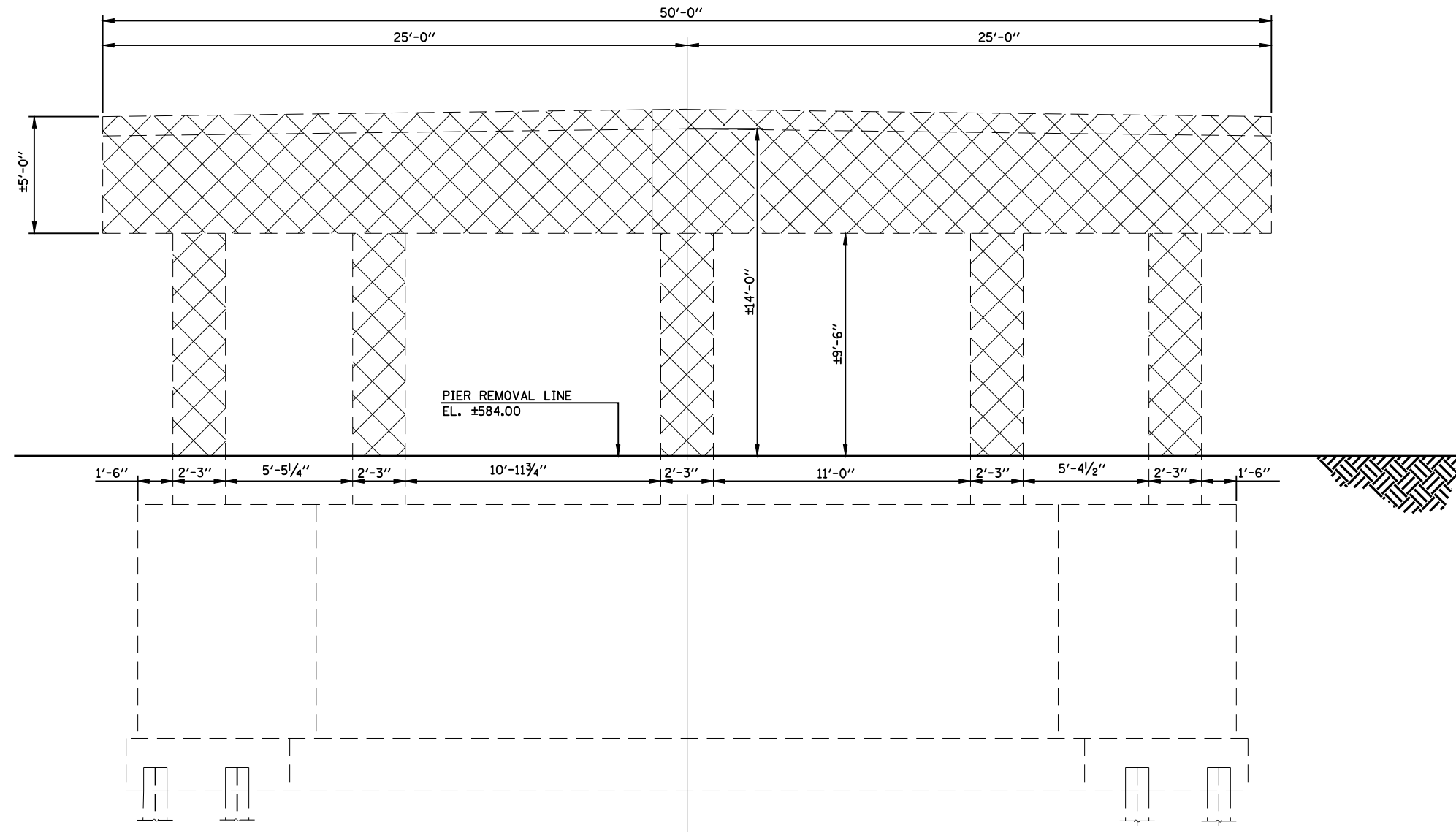
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PLAN - PIERS 1 & 2



SECTION THRU PIER



ELEVATION - PIERS 1 & 2

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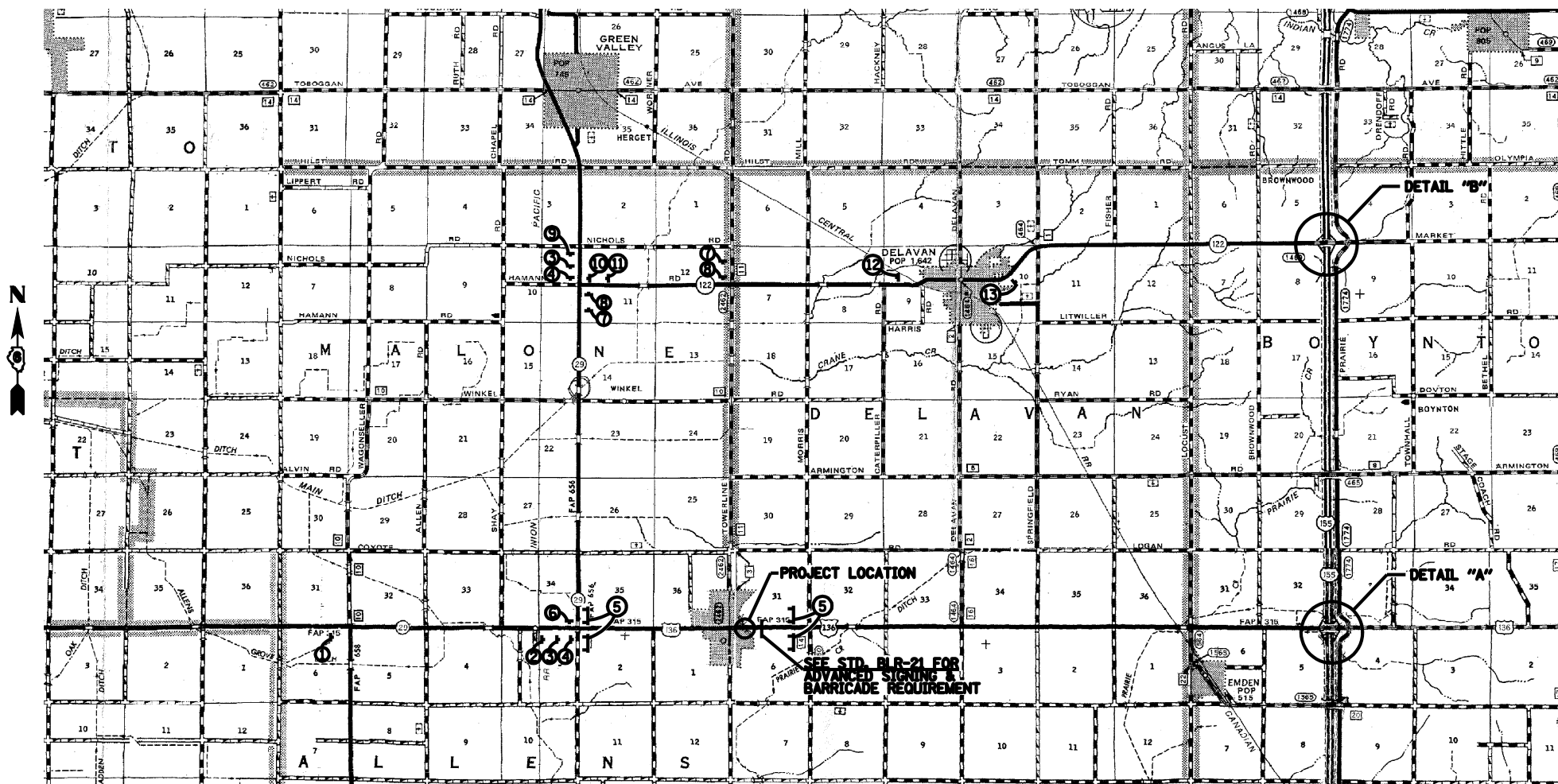
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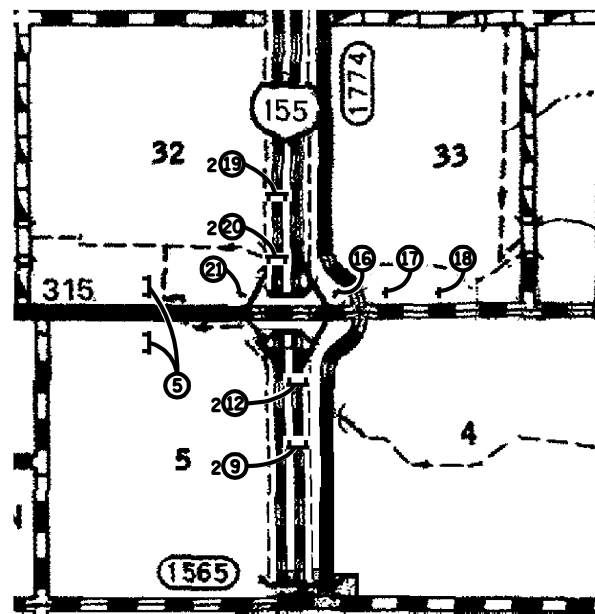
Allen Henderson & Associates, Inc.
 Civil and Structural Engineers Springfield, IL
 62708 Phone: (217)544-8033 IL Design Firm
 No. 184-001907

SUBSTRUCTURE REMOVAL DETAILS
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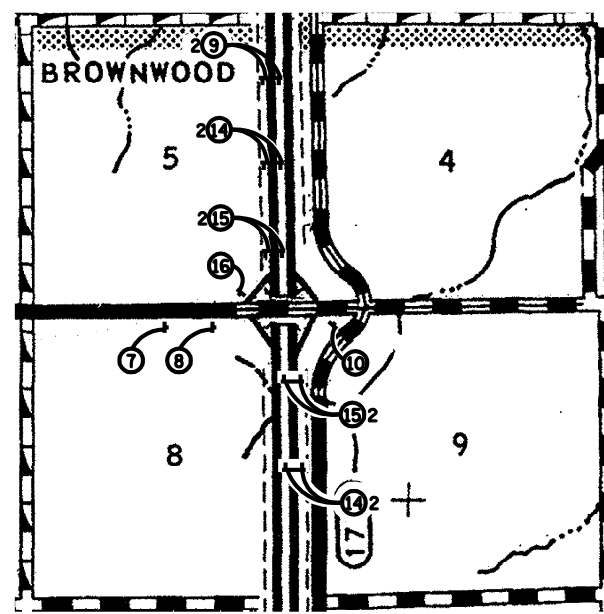
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



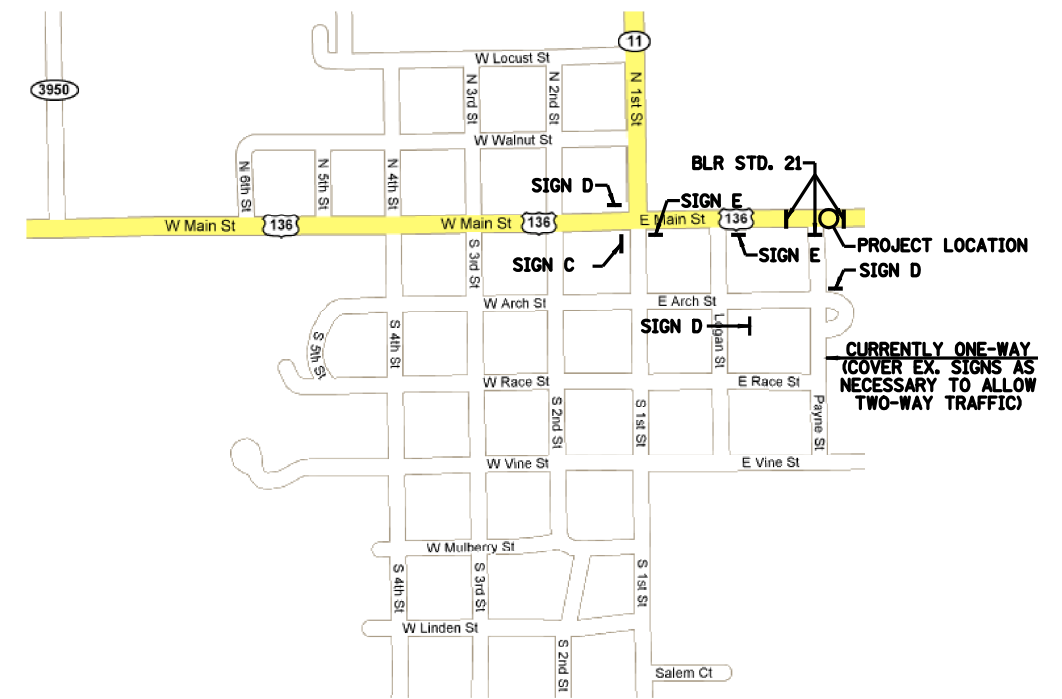
ROAD CLOSURE SIGNING LOCATIONS



DETAIL "A"



DETAIL "B"



SIGNING LOCATIONS - PAYNE STREET
REFER TO STANDARD BLR-21

FILE NAME = D672A99-SIGN.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -	 Allen Henderson & Associates, Inc. Civil and Structural Engineers Springfield, IL. 62708 Phone: (217)544-8033 IL Design Firm No. 184-001907	ROAD CLOSURE SIGN PLACEMENT PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		DATE -	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

US ROUTE 136
CLOSED 5 MILES AHEAD
EAST EDGE OF SAN JOSE R11-3B(6030)

US ROUTE 136
CLOSED 2 MILES AHEAD
EAST EDGE OF SAN JOSE R11-3B(6030)

DETOUR
EAST
US ROUTE
136
M4-8(2412)
M3-2(2412)
M1-1100(2430)
M5-1(L)(2115)

DETOUR
EAST
US ROUTE
136
M4-8(2412)
M3-2(2412)
M1-1100(2430)
M6-1(L)(2115)

ROAD
CLOSED
AHEAD
W20-3(4848)
(MOUNTED ON TYPE III
BARRICADES PLACED
ON SHOULDERS)

END
DETOUR
WEST
US ROUTE
136
M4-6(2412)
M4-8(2412)
M3-4(2412)
M1-1100(2430)

DETOUR
EAST
US ROUTE
136
M4-8(2412)
M3-2(2412)
M1-1100(2430)
M5-1(L)(2115)

DETOUR
EAST
US ROUTE
136
M4-8(2412)
M3-2(2412)
M1-1100(2430)
M6-1(R)(2115)

US ROUTE 136
CLOSED
EAST EDGE OF SAN JOSE R11-3B(6030)

DETOUR
WEST
US ROUTE
136
M4-8(2412)
M3-4(2412)
M1-1100(2430)
M6-1(L)(2115)

DETOUR
WEST
US ROUTE
136
M4-8(2412)
M3-2(2412)
M1-1100(2430)
M5-1(L)(2115)

DETOUR
WEST
US ROUTE
136
M4-8(2412)
M3-4(2412)
M1-1100(2430)
M6-3(2115)

DETOUR
EAST
US ROUTE
136
M4-8(2412)
M3-2(2412)
M1-1100(2430)
M6-3(2115)

DETOUR
WEST
US ROUTE
136
M4-8(2412)
M3-4(2412)
M1-1100(2430)
M5-2(R)(2115)

DETOUR
WEST
US ROUTE
136
M4-8(2412)
M3-4(2412)
M1-1100(2430)
M6-2(R)(2115)

DETOUR
WEST
US ROUTE
136
M4-8(2412)
M3-4(2412)
M1-1100(2430)
M6-1(R)(2115)

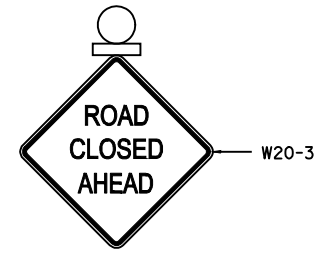
DETOUR
WEST
US ROUTE
136
M4-8(2412)
M3-4(2412)
M1-1100(2430)
M5-1(R)(2115)

US ROUTE 136
CLOSED 8 MILES AHEAD
EAST EDGE OF SAN JOSE R11-3B(6030)

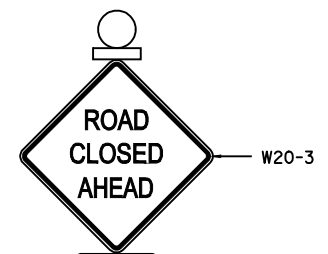
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EAST
US ROUTE
136
M4-8(2412)
M3-2(2412)
M1-1100(2430)
M5-2(R)(2115)

DETOUR
EAST
US ROUTE
136
M4-8(2412)
M3-2(2412)
M1-1100(2430)
M6-2(R)(2115)

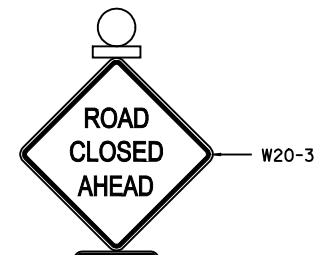
END
DETOUR
EAST
US ROUTE
136
M4-6(2412)
M4-8(2412)
M3-2(2412)
M1-1100(2430)



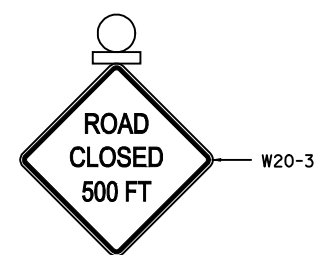
SIGN C
WITH FLASHING LIGHT



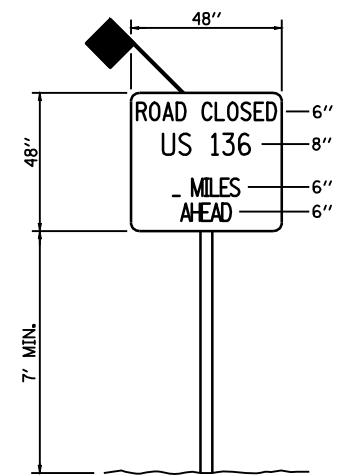
SIGN D
WITH FLASHING LIGHT



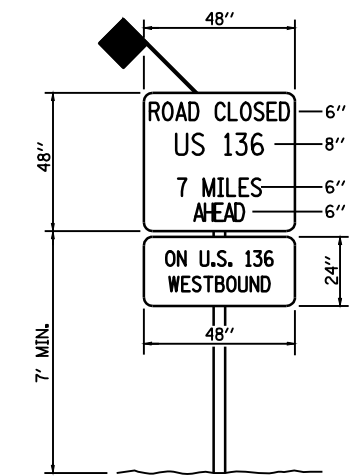
SIGN E
WITH FLASHING LIGHT



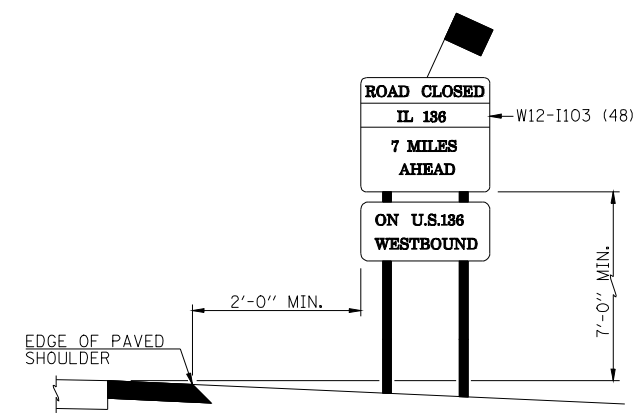
SIGN F
WITH FLASHING LIGHT



SIGN A
(ROAD CLOSED SIGN)
(TO BE PLACED
ON US 136)



SIGN B
(ROAD CLOSED SIGN)
(TO BE PLACED
ON I-155)

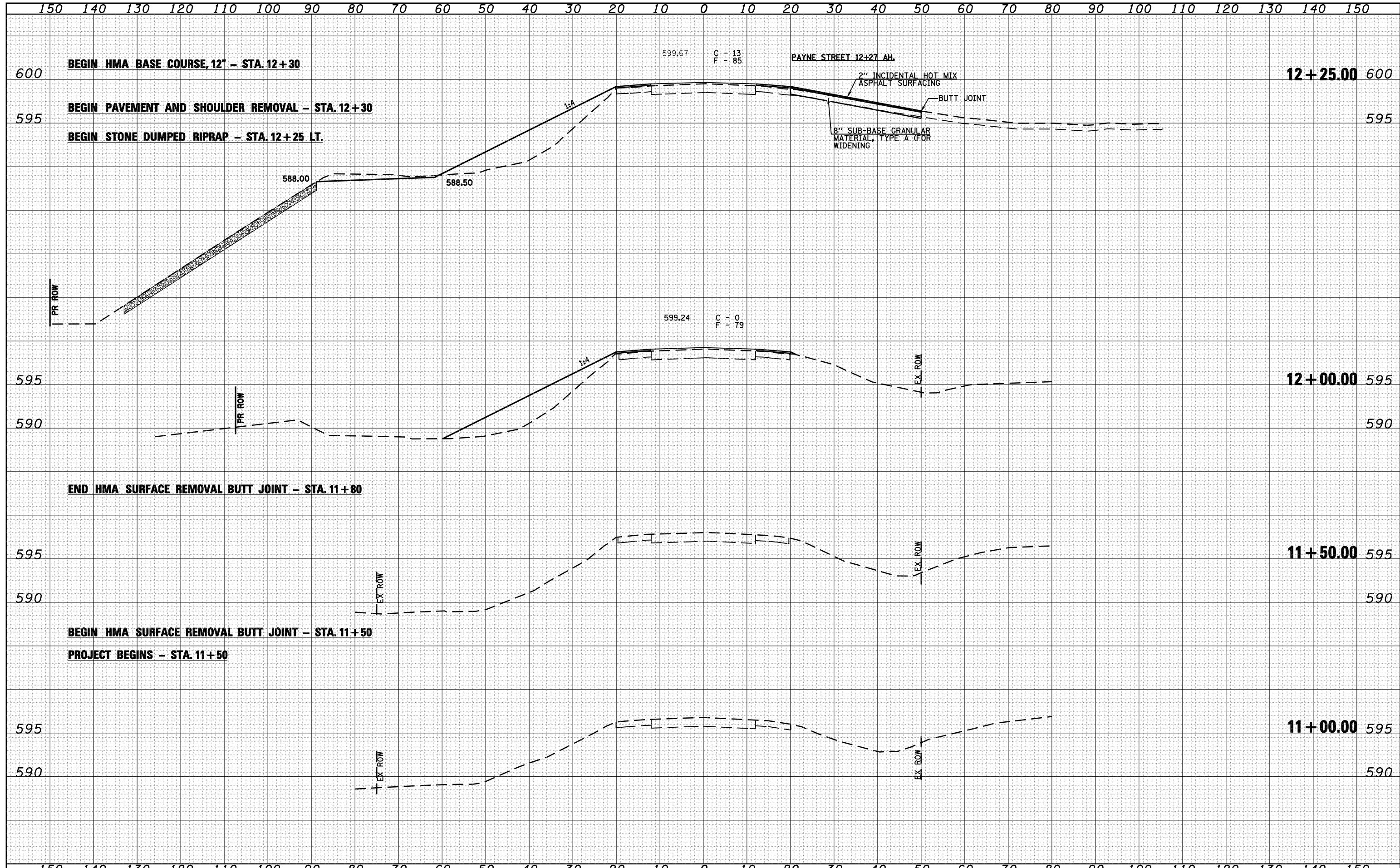


SIGN B PLACEMENT

NOTE: AT ALL LOCATIONS FOR SIGN B, TWO SIGNS WILL BE PLACED, ONE ON EACH SIDE OF THE INTERSTATE/ROADWAY.

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

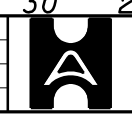


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 CHECKED -
 DATE -

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 REVISED -



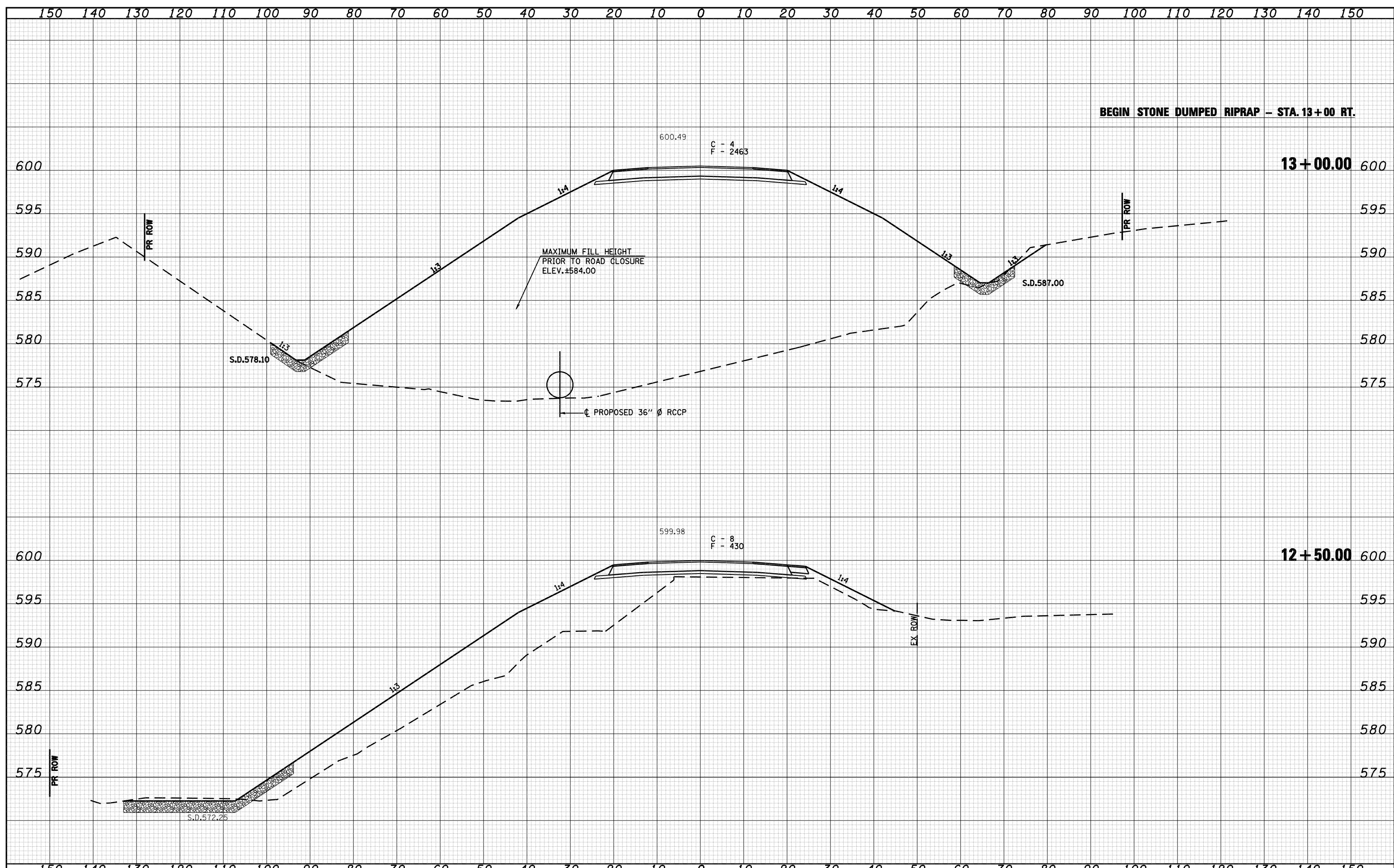
Allen Henderson & Associates, Inc.
 Civil and Structural Engineers Springfield, IL
 62708 Phone: (217)544-8033 IL Design Firm
 No. 184-001907

CROSS SECTIONS
 SCALE: SHEET NO. OF SHEETS STA. 11+00.00 TO STA. 12+27.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(116)I-4	LOGAN	20	17
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72A99	

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

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

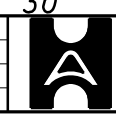


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REVISED -
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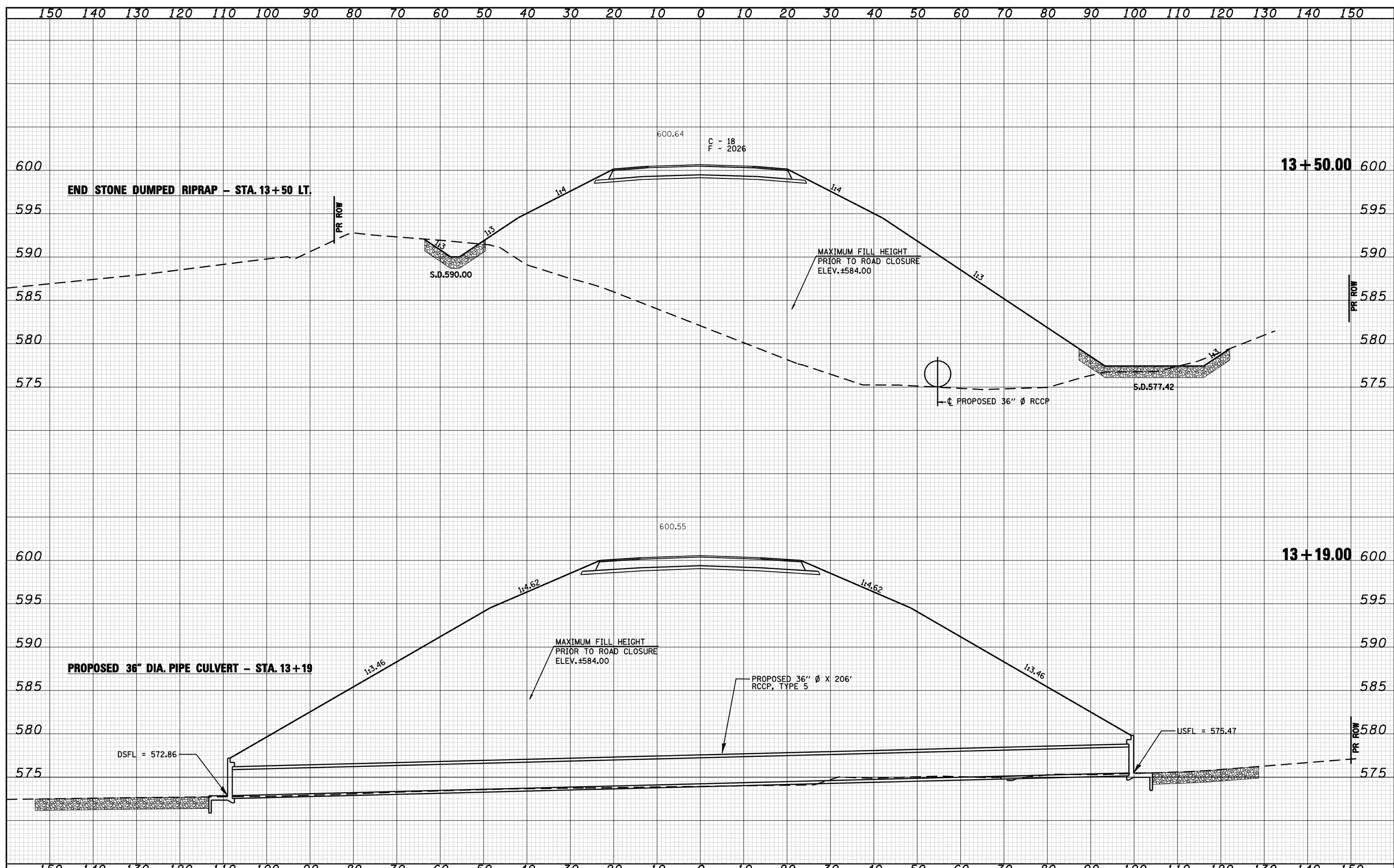
Allen Henderson & Associates, Inc.
 Civil and Structural Engineers Springfield, IL
 62708 Phone: (217)544-8033 IL Design Firm
 No. 184-001907

CROSS SECTIONS
 SCALE: SHEET NO. OF SHEETS STA. 12+50.00 TO STA. 13+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(116)I-4	LOGAN	20	18
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72A99	

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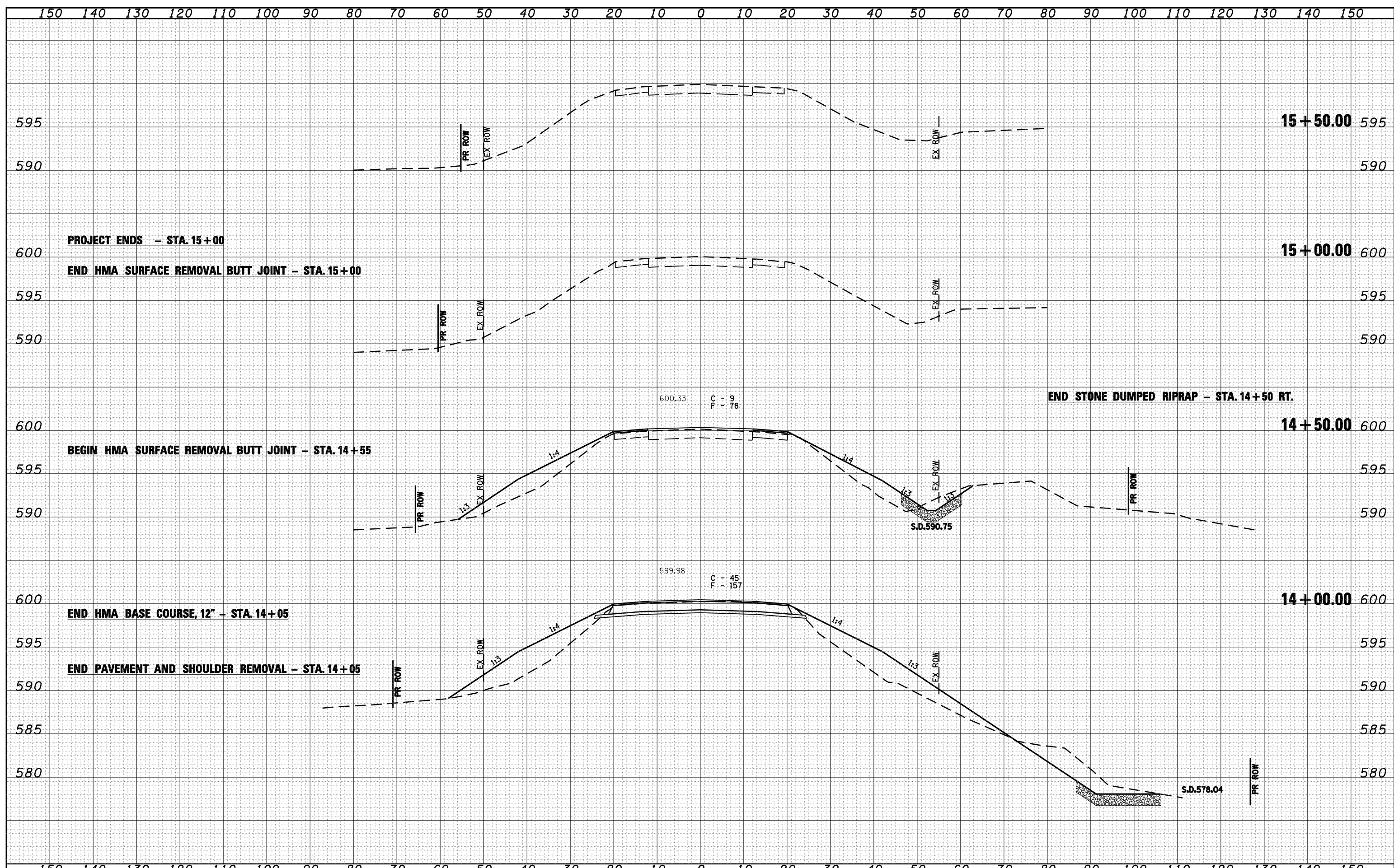
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SURVEYED	
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AREAS	
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ORIGINAL SURVEY	
NOTE BOOK	
NO.	



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PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISD -	REVISD -		SCALE:	SHEET NO.	OF SHEETS	STA. 13+19.00	TO STA. 13+50.00	CONTRACT NO. 72A99		
PLOT DATE = Sep-10-2008 10:05:48AM	DATE -	REVISD -	REVISD -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

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

DATE	
BY	
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TEMPLATE	
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ORIGINAL SURVEY	
NOTE BOOK	
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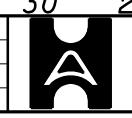


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 DRAWN -
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 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -



Allen Henderson & Associates, Inc.
 Civil and Structural Engineers Springfield, IL
 62708 Phone: (217)544-8033 IL Design Firm
 No. 184-001907

CROSS SECTIONS
 SCALE: SHEET NO. OF SHEETS STA. 14+00.00 TO STA. 15+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(116)I-4	LOGAN	20	20
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72A99	