

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES, HIGHWAY STANDARDS AND PAVEMENT DESIGN
- 3-4 SUMMARY OF QUANTITIES
- 5-6 TYPICAL SECTIONS
- 7-8 SCHEDULE OF QUANTITIES
- 9-14 PLAN & PROFILE SHEETS
- 15 MISCELLANEOUS DETAILS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

PROPOSED HIGHWAY PLANS

**FAP RTE 310 (IL 255)
SECTION DIST 8 RESURFACING 2014-2
BRIDGE APPROACH BUMP REPAIRS
AT VARIOUS LOCATIONS ON IL 255
MADISON COUNTY**

C-98-045-13

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	DIST 8 RESURF 2014-2	MADISON	15	1
ILLINOIS			CONTRACT NO. 76G43	

D-98-042-13



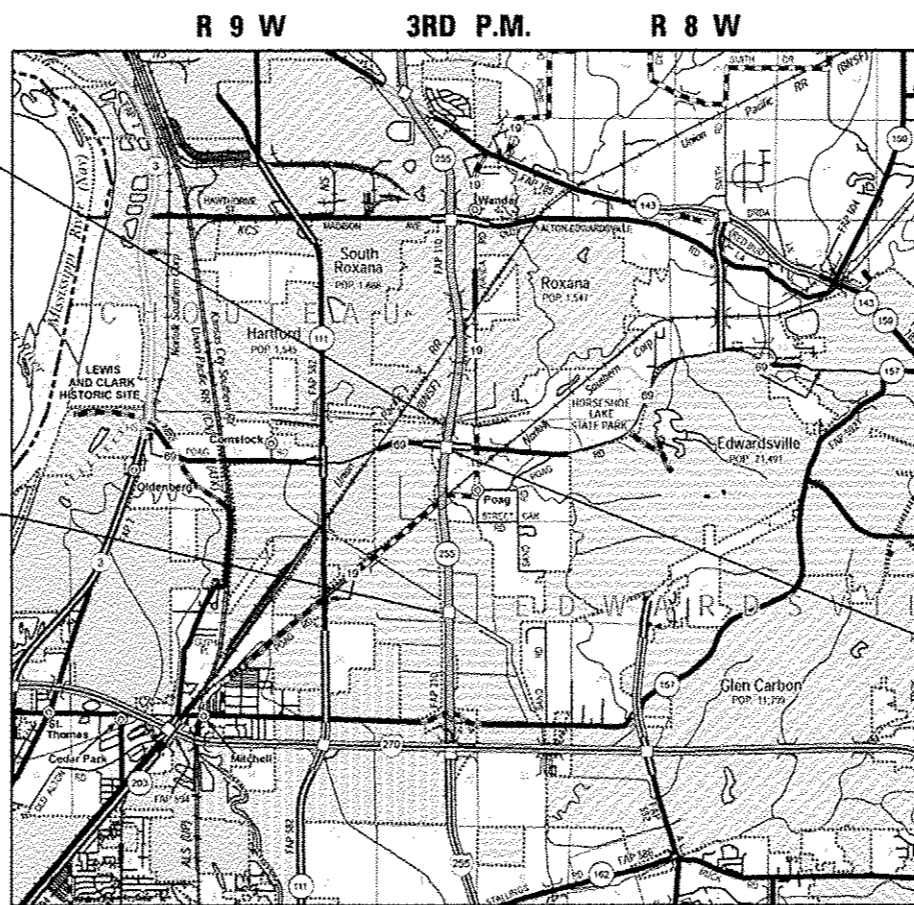
**DESIGN DESIGNATION
FREEWAY AND EXPRESSWAY
ADT**

	SN 060-0272 NB	SN 060-0278 NB	SN 060-0277 & 0279 SB
2011 ADT (ACTUAL) =	14,600	12,300	12,400
2014 ADT (ESTIMATED) =	14,900	12,500	12,600
2034 ADT (ESTIMATED) =	17,900	15,000	15,100
SU =	3.4%	3.1%	2.8%
MU =	2.1%	4.1%	4.9%

STA 1787+76.00
TWIN PARALLEL 4 SPAN WELDED PLATE GIRDER STRUCTURE CARRYING FAP 310 (IL 255) OVER THE CAHOKIA DIVERSION CHANNEL.
SN 060-0278 (NB)
LATITUDE: 38.80338° N
LONGITUDE: 90.04366° W
SN 060-0279 (SB)
LATITUDE: 38.80323° N
LONGITUDE: 90.04369° W

SN 060-0272 STA 1692+00.00 NB STRUCTURE OF TWIN PARALLEL 2 SPAN PLATE GIRDER STRUCTURES CARRYING FAP 310 (IL 255) OVER THE COUNTY DITCH.
LATITUDE: 38.77644° N
LONGITUDE: 90.04383° W

SN 060-0277 STA 1776+08.78 SB STRUCTURE OF TWIN PARALLEL 3 SPAN WF STRUCTURES WITH VAULTED ABUTMENTS AND RC SLAB APPROACH CARRYING FAP 310 (IL 255) OVER NEW POAG RD.
LATITUDE: 38.80024° N
LONGITUDE: 90.04431° W

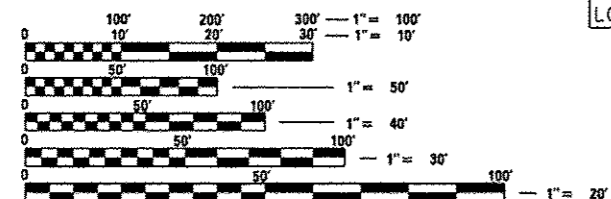
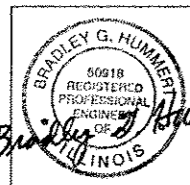


MAP SCALE: 1"=1 MILE

SN 060-0272	SN 060-0278
GROSS LENGTH = 225 FT. = 0.043 MILE	GROSS LENGTH = 877 FT. = 0.166 MILE
NET LENGTH = 225 FT. = 0.043 MILE	NET LENGTH = 450 FT. = 0.085 MILE
SN 060-0277	SN 060-0279
GROSS LENGTH = 225 FT. = 0.043 MILE	GROSS LENGTH = 851 FT. = 0.161 MILE
NET LENGTH = 225 FT. = 0.043 MILE	NET LENGTH = 425 FT. = 0.080 MILE

TOTAL GROSS LENGTH = 2,178 FT. = 0.413 MILE
TOTAL NET LENGTH = 1,325 FT. = 0.251 MILE

HMG ENGINEERS, Inc.
1075 Lake Road, P.O. Box 70
Carlyle, Illinois 62231
www.hmgengineers.com



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

PROJECT ENGINEER: PATTI LEBEAU (618) 346-3179
SQUAD LEADER: BILLIE OWEN (618) 346-3209

CONTRACT NO. 76G43

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *Oct 31 2013*
Jeffrey Z. Kan...
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

Dec 6 2013
John D. Baranzoli P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Dec 6 2013
Omer Osman P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

GENERAL NOTES

- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - AMEREN ILLINOIS (GAS & ELECTRIC)
 - AT&T ILLINOIS (COMMUNICATIONS)
 - CHARTER COMMUNICATIONS, INC. (CABLE TV)
 - CITY OF EDWARDSVILLE (ELECTRIC)
 - CITY OF EDWARDSVILLE (WATER & SANITARY SEWER)
 - CENTERPOINT ENERGY
 - NORTHEAST CENTRAL COUNTY PUBLIC WATER DISTRICT (WATER)
 - CITY OF ROXANA (WATER & SANITARY SEWER)
 - CITY OF SOUTH ROXANA (WATER & SANITARY SEWER)

MEMBERS OF J.U.L.I.E. (800) 892-0123 OR 811 ARE INDICATED BY *. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
- THE INTENT OF THIS PROJECT IS TO SMOOTH THE DRIVING SURFACE AT THE BRIDGE APPROACHES BY USING PCC & HMA BUTT JOINTS AND VARIABLE DEPTH HMA MILLING, AS REQUIRED, TO PROVIDE A 1/2" MINIMUM HMA SURFACE THICKNESS OVER THE GIVEN LIMITS. THE SHOULDERS SHALL ALSO BE MILLED, AS REQUIRED, TO PROVIDE A 1/2" MINIMUM THICKNESS FOR HMA SHOULDERS TO ACCOMMODATE THE PROFILE CHANGES. THE ENGINEER MAY ADJUST THE LAYOUT TO SUIT VARYING FIELD CONDITIONS.
- ANY AREAS DISTURBED DUE TO CONSTRUCTION ACTIVITIES SHALL BE SEEDED (TEMPORARY AND PERMANENT) AT THE CONTRACTOR'S EXPENSE AND NO OTHER COMPENSATION WILL BE PERMITTED.
- THE RE/RT SHALL RECORD THE EXISTING PAVEMENT MARKING LOCATIONS AND TYPES TO MAKE CERTAIN THAT THE PROPOSED PAVEMENT MARKINGS MATCH THE EXISTING PAVEMENT MARKINGS.
- COORDINATION WITH THE DEPARTMENT'S BUREAU OF OPERATIONS IS REQUIRED BEFORE ANY TRENCHING SHALL BE DONE TO LOCATE HIGHWAY LIGHTING/PUMP STATION/INTELLIGENT TRANSPORTATION FACILITIES AND TO COORDINATE OTHER FIELD ACTIVITIES.
- THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR I.T.S. UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR I.T.S. EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 803.04 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT LIMITED SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPOGRAPHY SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS. BOTH SHALL BE ASSUMED APPROXIMATE. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- THE VARIOUS THICKNESS OF HOT-MIX ASPHALT SURFACE REMOVAL SHOWN ON THE PLANS IS THE AVERAGE THICKNESS BASED UPON CONTROLLING THICKNESS AS INDICATED. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE.
- THE WIDTHS OF HOT-MIX ASPHALT SURFACE REMOVAL SHOWN ON THE PLANS ARE NOMINAL WIDTHS. IRREGULARITIES IN THE SURFACE WIDTH MAY OCCUR THROUGHOUT THE LENGTH OF SECTION. HOT-MIX ASPHALT SURFACE REMOVAL WILL BE PAID FOR IN SQUARE YARDS BASED UPON THE NOMINAL WIDTHS INDICATED.
- THE ESTIMATED QUANTITY OF 270 TONS OF CUTTINGS IS FROM THE HOT-MIX ASPHALT SURFACE REMOVAL OPERATION.
- TWO PORTABLE CHANGEABLE MESSAGE BOARDS SHALL BE REQUIRED FOR THIS PROJECT TO BE PLACED FOR EASTBOUND AND WESTBOUND I-270 AT LOCATIONS AS DIRECTED BY THE ENGINEER. THEY SHALL BE PLACED TWO WEEKS PRIOR TO ANY LANE CLOSURE AND SHALL REMAIN UP FOR THE DURATION OF THE PROJECT.
- SPEED LIMIT PHOTO ENFORCEMENT SIGNS MAY BE REQUIRED ON THIS PROJECT. IF REQUIRED, THE SIGNS WILL BE PROVIDED BY IDOT OPERATIONS. METHOD OF INSTALLATION TO BE PROVIDED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL PAY ITEMS. CONTACT JEAN AT (618) 394-2189.
- ALL TEMPORARY PAVEMENT MARKING WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED, PRIMED, AND FINAL ASPHALT SURFACE. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN INCLUDED IN THE PLANS. "WORK ZONE PAVEMENT MARKING REMOVAL" SHALL BE PAID FOR THE FINAL SURFACE ONLY.

- DROP-OFFS ADJACENT TO A RAMP EDGE OF PAVEMENT DURING THE SHOULDER REMOVAL AND REPLACEMENT OPERATIONS SHALL, AT A MINIMUM, BE PROTECTED BY PLACING EXTENDED-HEIGHT CHANNELIZING DEVICES, WITH STEADY BURN LIGHTS, AT 50' SPACING.
- THE ENGINEER SHALL SURVEY ALL GORE AREAS TO DETERMINE DRAINAGE PATTERNS. THE PROPOSED ASPHALT SURFACING SHALL BE PLACED TO PROVIDE FOR POSITIVE DRAINAGE AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE POSITIVE AND ADEQUATE DRAINAGE AT ALL LOCATIONS AT ALL TIMES. THIS MAY INCLUDE, BUT IS NOT LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED, REGRADING, PLUGGING ABANDONED PIPES, OR OTHER ACTIVITIES REQUIRED BY THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS REQUIRED TO IMPRINT PAVEMENT STATION NUMBERS IN THE FINISHED SURFACE OF THE PAVEMENT AND/OR OVERLAY. THE NUMBERS SHALL BE APPROXIMATELY 3/4 INCHES WIDE, 5 INCHES HIGH AND 5/8 INCHES DEEP. THE PAVEMENT STATION NUMBERS SHALL BE INSTALLED AS SPECIFIED HEREIN:
 - INTERVAL - 250 FEET
 - BOTTOM OF NUMBERS - 6 INCHES FROM THE INSIDE EDGE OF PAVEMENT MARKING
 - LOCATION:
 - 2, 3 & 5 LANE PAVEMENTS - RIGHT EDGE OF PAVEMENT IN DIRECTION OF INCREASING STATIONS
 - MULTI-LANE DIVIDED ROADWAYS - OUTSIDE EDGE OF PAVEMENT IN BOTH DIRECTIONS
 - RAMPS - ALONG BASELINE EDGE OF PAVEMENT
 - POSITION - STATIONS SHALL BE PLACED SO THEY CAN BE READ FROM THE ADJACENT SHOULDER
 - FORMAT - "XX+XX", WHERE X REPRESENTS THE PAVEMENT STATION
 - THE STAMPED STATIONS SHALL BE FILLED WITH SAND IMMEDIATELY AFTER STAMPING AND PRIOR TO ADDITIONAL ROLLING.
 - THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCLUDED IN THE COST OF ASSOCIATED PAVEMENT AND/OR OVERLAY PAY ITEMS.
- "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT INTERCHANGES, ENTRANCES AND SIDE STREETS WHERE WORK IS BEING CONDUCTED AS DIRECTED BY THE ENGINEER. ALL CONSTRUCTION SIGNS SHALL BE FLORESCENT ORANGE AND 48" X 48". THIS SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION.
- IT IS THE INTENT OF THIS PROJECT TO MATCH UP TO ANY PREVIOUS, ADJACENT OVERLAY SECTIONS. THE ENGINEER SHALL DICTATE WHERE TO BEGIN THE PROJECT SO THAT TWO BUTT JOINTS ARE NOT ADJACENT TO ONE ANOTHER.
- THE FOLLOWING RATES WERE USED IN THE COMPUTATION OF QUANTITIES:

HOT-MIX ASPHALT	2.016 TONS/CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.0003129 TONS/SQ YD
AGGREGATE (PRIME COAT)	3.0 LBS/SQ YD
AGGREGATE/GRANULAR MATERIAL	2.05 TONS/CU YD

HIGHWAY STANDARDS

000001-06	701101-04
001006	701400-07
482011-03	701406-08
630001-10	701411-08
631026-05	701426-06
631031-12	701456-03
635006-03	701901-03
635011-02	780001-04
642001-02	781001-03

COMMITMENTS

NONE

PAVEMENT MIXTURE DESIGNS

MIXTURE REQUIREMENTS			
MIXTURE	POLY SURFACE	SHOULDERS ≥ 2.25"	SHOULDERS < 2.25"
PG GRADE	SBS PG 70-22	PG 64-22	PG 64-22
MAX RAP ALLOWABLE	SEE SPEC.	SEE SPEC.	SEE SPEC.
DESIGN AIR VOIDS	4.0% @ Ndes=90	**2.0% @ Ndes=30	**2.0% @ Ndes=30
MIXTURE COMPOSITION		NMAS 3/4"	NMAS 1/2"
GRADATION MIXTURE	IL-9.5		
FRICTION AGGREGATE	MIXTURE E		

** TOP LIFT SHOULDERS - DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.

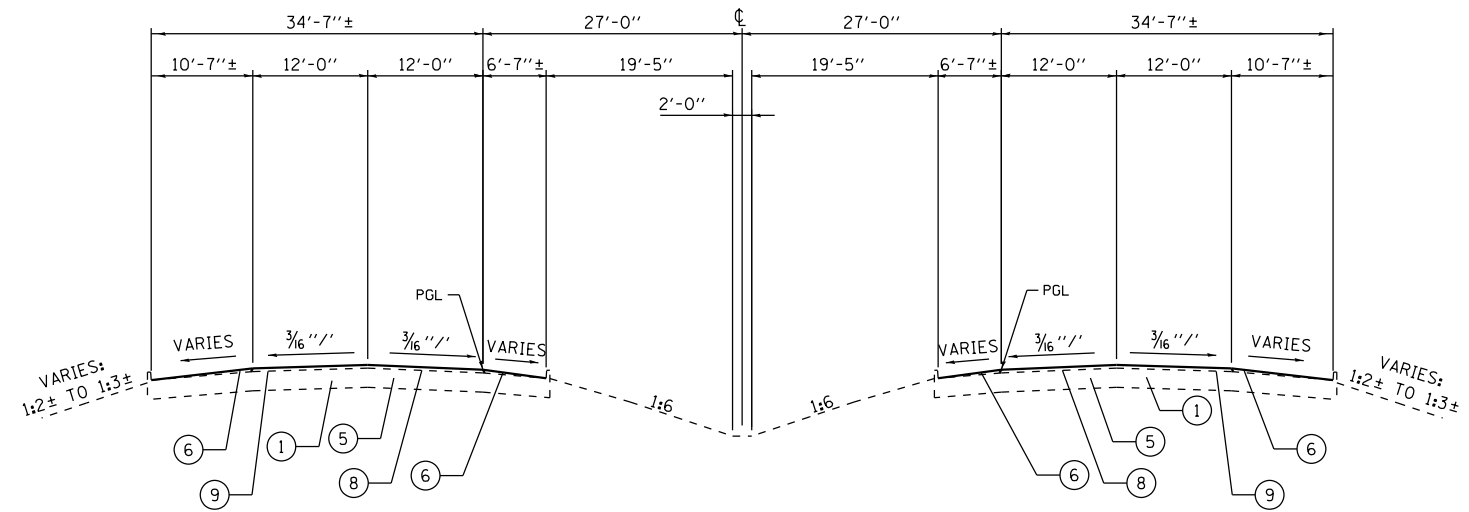
PLAN QUANTITIES FOR HMA SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN.

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTR. CODE
				100% STATE
				ROADWAY 0005
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	2.4	2.4
40600300	AGGREGATE (PRIME COAT)	TON	18	18
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	874	874
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	831	831
40600990	TEMPORARY RAMP	SQ YD	285	285
40603570	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90	TON	450	450
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	26	26
48203100	HOT-MIX ASPHALT SHOULDERS	TON	239	239
60260100	INLETS TO BE ADJUSTED	EACH	6	6
63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	903	903
63302400	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 5	EACH	2	2
63302700	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 6	EACH	3	3
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	2443	2443
67100100	MOBILIZATION	L SUM	1	1

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTR. CODE
				100% STATE ROADWAY 0005
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1	1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	4	4
70300100	SHORT TERM PAVEMENT MARKING	FOOT	284	284
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	2994	2994
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	448	448
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1394	1394
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2994	2994
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	448	448
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	18	18
78200410	GUARDRAIL MARKERS, TYPE A	EACH	11	11
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	18	18
14 X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	4618	4618

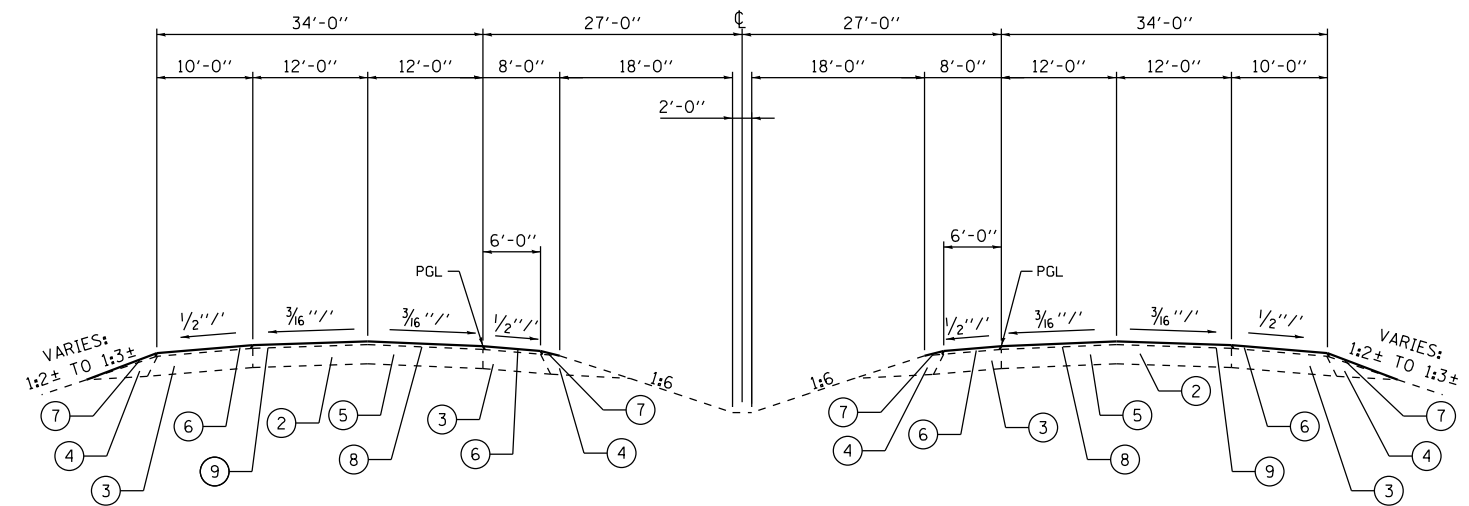
* SPECIALTY ITEM

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#FILE#	PLOT SCALE = #SCALE#	DRAWN - ___	REVISED - ___					310	DIST 8 RESURF. 2014-2	MADISON	15	4
	PLOT DATE = #DATE#	CHECKED - ___	REVISED - ___		SCALE: _____	SHEET NO. 2 OF 2 SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CONTRACT NO. 76G43				



TYPICAL BRIDGE APPROACH SECTION

RT STA 1692+91.60 TO STA 1693+21.46
 LT STA 1785+24.87 TO STA 1785+54.76
 RT STA 1785+42.33 TO STA 1785+72.10
 LT STA 1789+81.19 TO STA 1790+10.99
 RT STA 1789+98.68 TO STA 1790+28.47



TYPICAL SECTION

RT STA 1693+21.46 TO STA 1695+16.60
 LT STA 1783+29.76 TO STA 1785+24.87
 RT STA 1783+47.10 TO STA 1785+42.33
 LT STA 1790+10.99 TO STA 1791+81.19
 RT STA 1790+28.47 TO STA 1792+23.68

- ① EXISTING PCC BRIDGE APPROACH PAVEMENT
- ② EXISTING BITUMINOUS PAVEMENT
- ③ EXISTING BITUMINOUS SHOULDER
- ④ EXISTING AGGREGATE SHOULDERS
- ⑤ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90 (1 1/2" MIN.)
- ⑥ HOT-MIX ASPHALT SHOULDERS
- ⑦ AGGREGATE WEDGE SHOULDER, TYPE B (SEE SCHEDULE FOR LOCATIONS)
- ⑧ BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT)
- ⑨ HMA/PCC SURFACE REMOVAL (SEE SCHEDULE FOR THICKNESS AND LOCATIONS)

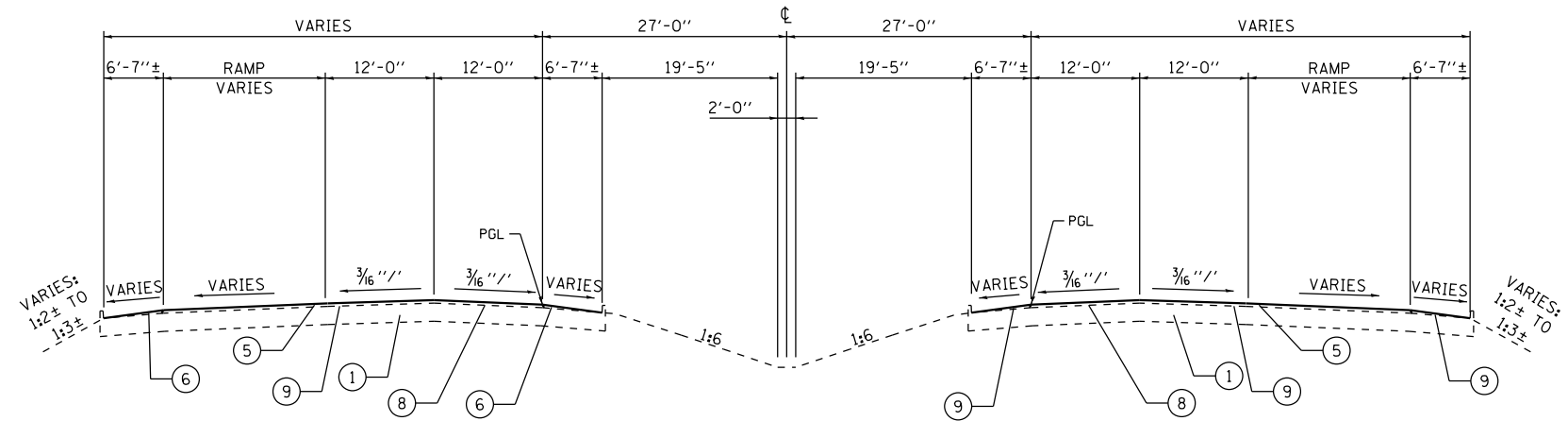
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

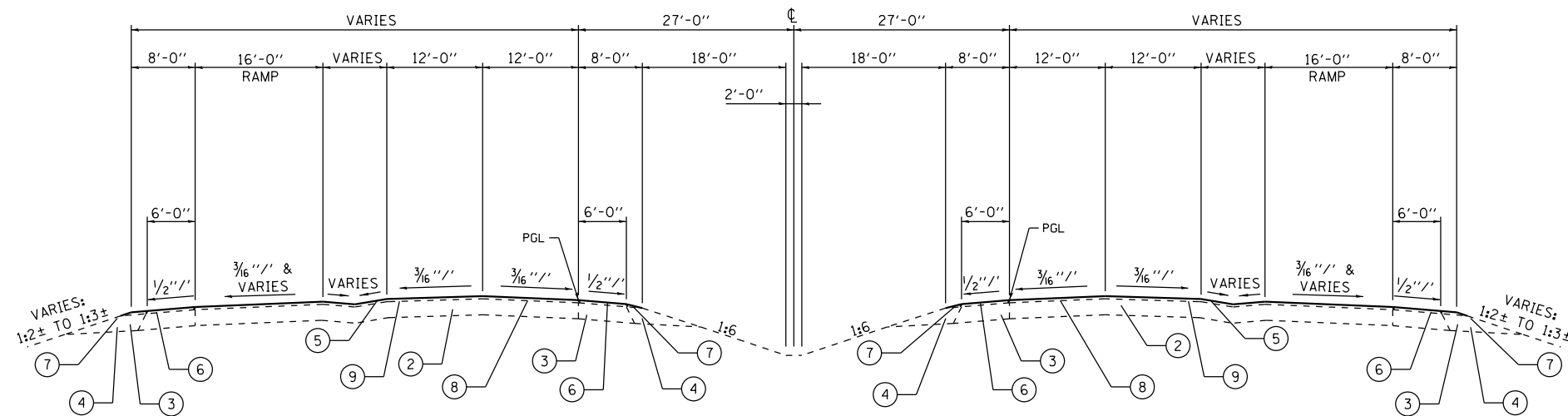
SHEET NO. 1 OF 2 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	DIST 8 RESURF 2014-2	MADISON	15	5
CONTRACT NO. 76C43			ILLINOIS FED. AID PROJECT	



TYPICAL BRIDGE APPROACH SECTION WITH RAMP

LT STA 1774+92.62 TO STA 1775+22.22



TYPICAL SECTION WITH RAMP

LT STA 1772+97.22 TO STA 1774+92.62

- ① EXISTING PCC BRIDGE APPROACH PAVEMENT
- ② EXISTING BITUMINOUS PAVEMENT
- ③ EXISTING BITUMINOUS SHOULDER
- ④ EXISTING AGGREGATE SHOULDERS
- ⑤ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90 (1 1/2" MIN.)
- ⑥ HOT-MIX ASPHALT SHOULDERS
- ⑦ AGGREGATE WEDGE SHOULDER, TYPE B (SEE SCHEDULE FOR LOCATIONS)
- ⑧ BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT)
- ⑨ HMA/PCC SURFACE REMOVAL (SEE SCHEDULE FOR THICKNESS AND LOCATIONS)

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	PLOT DATE = 10/29/2013	CHECKED - B.G.H.	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SHEET NO. 2 OF 2 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	DIST 8 RESURF 2014-2	MADISON	15	6
CONTRACT NO. 76C43				
ILLINOIS FED. AID PROJECT				

ROADWAY SCHEDULE

LOCATION			HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90	HOT-MIX ASPHALT SHOULDERS	SHOULDER RUMBLE STRIPS, 16 INCH	AGGREGATE WEDGE SHOULDER, TYPE B	INLETS TO BE ADJUSTED	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 5	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 6	GUARDRAIL MARKERS, TYPE A	
STA.	TO	STA.	SO YD	SO YD	SO YD	SO YD	TON	TON	TON	TON	FOOT	TON	EACH	FOOT	EACH	EACH	EACH	
IL 255 NORTHBOUND																		
1692+91.60	TO	1693+21.46	BR APPR		133	22	0.06	1	10	6	60			3	1			
1693+21.46	TO	1695+16.60	HMA	770	134	22	0.38	2	66	36	404	7		215			1	
1783+47.10	TO	1785+42.33	HMA	754	134	22	0.41	2	79	39	398	9		352			6	
1785+42.33	TO	1785+72.10	BR APPR		133	22	0.07	1	12	6	60					2		
BRIDGE OMISSION - SN 060-0278																		
1789+98.68	TO	1790+28.47	BR APPR		129	22	0.04	1	9	5	60		2					
1790+28.47	TO	1792+23.68	HMA	697	130	22	0.26	2	54	32	383	3						
IL 255 SOUTHBOUND																		
1772+97.22	TO	1774+92.62	HMA	1056	212	36	0.40	2	84	41	196	1						
1774+92.62	TO	1775+22.22	BR APPR		174	29	0.05	1	13	4	30		2					
1783+29.76	TO	1785+24.87	HMA	714	134	22	0.29	2	55	32	383	3		184			1	
1785+24.87	TO	1785+54.76	BR APPR		133	22	0.07	1	11	5	60			5	1			
BRIDGE OMISSION - SN 060-0279																		
1789+81.19	TO	1790+10.99	BR APPR		129	22	0.06	1	9	5	60		2				1	
1790+10.99	TO	1791+81.19	HMA	627	130	22	0.26	2	48	28	349	3		144			3	
TOTAL				4618	874	831	285	2.35	18	450	239	2443	26	6	903	2	3	11
USE				4,618	874	831	285	2.4	18	450	239	2,443	26	6	903	2	3	11

PAVEMENT MARKING SCHEDULE

LOCATION			RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	SHORT TERM PAVEMENT MARKING	TEMPORARY PAVEMENT MARKING - LINE 4"			TEMPORARY PAVEMENT MARKING - LINE 8"	WORK ZONE PAVEMENT MARKING REMOVAL	THERMOPLASTIC PAVEMENT MARKING - LINE 4"			THERMOPLASTIC PAVEMENT MARKING - LINE 8"	RAISED REFLECTIVE PAVEMENT MARKER
STA.	TO	STA.	EACH	FOOT	SOLID WHITE	SKIP-DASH WHITE	SOLID YELLOW	SOLID WHITE	SO FT	SOLID WHITE	SKIP-DASH WHITE	SOLID YELLOW	SOLID WHITE	EACH
					FOOT	FOOT	FOOT	FOOT		FOOT	FOOT	FOOT	FOOT	
IL 255 NORTHBOUND														
1692+91.60	TO	1693+21.46	1	12	30	8	30		27	30	8	30		1
1693+21.46	TO	1695+16.60	2	36	196	49	196		159	196	49	196		2
1783+47.10	TO	1785+42.33	2	36	196	49	196		159	196	49	196		2
1785+42.33	TO	1785+72.10	1	12	30	8	30		27	30	8	30		1
BRIDGE OMISSION - SN 060-0278														
1789+98.68	TO	1790+28.47	1	12	30	8	30		27	30	8	30		1
1790+28.47	TO	1792+23.68	2	36	196	49	196		159	196	49	196		2
					0	0	0			0	0	0		
					0	0	0			0	0	0		
IL 255 SOUTHBOUND														
1772+97.22	TO	1774+92.62	2	36	192	49	196	388.0	417	192	49	196	388	2
1774+92.62	TO	1775+22.22	1	12	30	8	30	60.0	67	30	8	30	60	1
											0			
1783+29.76	TO	1785+24.87	2	36	196	49	196		159	196	49	196		2
1785+24.87	TO	1785+54.76	1	12	30	8	30		27	30	8	30		1
BRIDGE OMISSION - SN 060-0279														
1789+81.19	TO	1790+10.99	1	12	30	8	30		27	30	8	30		1
1790+10.99	TO	1791+81.19	2	32	171	43	171		139	171	43	171		2
TOTAL			18	284	1,327	336	1,331	448	1,394	1,327	336	1,331	448	18
USE			18	284		2,994		448	1,394		2,994		448	18

SN 060-0272 NORTH APPROACH

STATION	EXISTING ELEV. (FT)	PROPOSED ELEV. (FT)	CHANGE IN ELEV. (IN)
	BRIDGE OMISSION		
1692+91.60	444.247	444.251	0.04
1693+00.00	444.157	444.246	1.06
1693+10.00	444.079	444.238	1.91
1693+20.00	443.983	444.228	2.94
1693+30.00	443.947	444.216	3.22
1693+40.00	443.929	444.201	3.27
1693+50.00	443.931	444.185	3.05
1693+60.00	443.930	444.167	2.83
1693+70.00	443.941	444.146	2.46
1693+80.00	443.939	444.123	2.21
1693+90.00	443.935	444.098	1.95
1694+00.00	443.927	444.071	1.73
1694+10.00	443.920	444.042	1.47
1694+20.00	443.897	444.011	1.37
1694+30.00	443.888	443.978	1.08
1694+40.00	443.869	443.942	0.88
1694+50.00	443.843	443.905	0.74
1694+60.00	443.827	443.865	0.46
1694+70.00	443.804	443.823	0.24
1694+80.00	443.772	443.779	0.09
1694+90.00	443.727	443.733	0.07
1695+00.00	443.692	443.685	-0.08
1695+10.00	443.634	443.635	0.00
1695+16.60	443.594	443.600	0.07

SN 060-0277 SOUTH APPROACH

STATION	EXISTING ELEV. (FT)	PROPOSED ELEV. (FT)	CHANGE IN ELEV. (IN)
1772+97.22	446.542	446.542	0.00
1773+00.00	446.573	446.568	-0.05
1773+10.00	446.669	446.662	-0.08
1773+20.00	446.761	446.758	-0.03
1773+30.00	446.853	446.855	0.02
1773+40.00	446.945	446.954	0.10
1773+50.00	447.059	447.054	-0.06
1773+60.00	447.175	447.156	-0.23
1773+70.00	447.267	447.260	-0.09
1773+80.00	447.357	447.365	0.09
1773+90.00	447.449	447.471	0.27
1774+00.00	447.532	447.580	0.58
1774+10.00	447.631	447.690	0.71
1774+20.00	447.743	447.801	0.70
1774+30.00	447.864	447.914	0.61
1774+40.00	447.988	448.029	0.49
1774+50.00	448.116	448.145	0.35
1774+60.00	448.247	448.263	0.20
1774+70.00	448.363	448.383	0.24
1774+80.00	448.520	448.504	-0.20
1774+90.00	448.564	448.626	0.75
1775+00.00	448.644	448.751	1.29
1775+10.00	448.743	448.877	1.60
1775+20.00	448.972	449.004	0.38
1775+22.22	449.028	449.033	0.06
	BRIDGE OMISSION		

SN 060-0278 APPROACHES

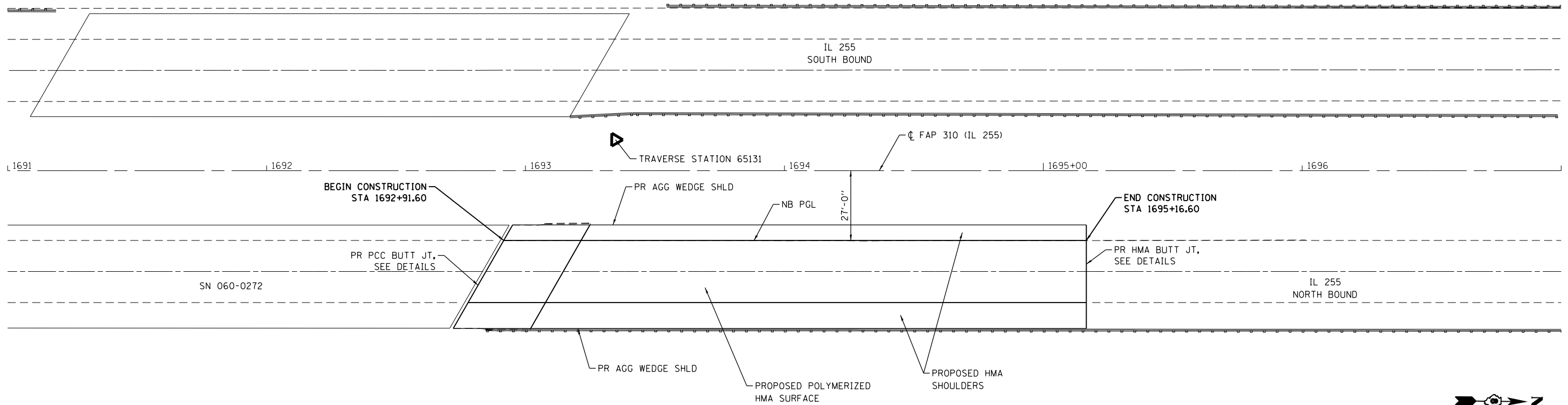
STATION	EXISTING ELEV. (FT)	PROPOSED ELEV. (FT)	CHANGE IN ELEV. (IN)
1783+47.10	453.772	453.782	0.12
1783+50.00	453.756	453.767	0.13
1783+60.00	453.692	453.712	0.24
1783+70.00	453.589	453.654	0.79
1783+80.00	453.509	453.593	1.01
1783+90.00	453.439	453.530	1.09
1784+00.00	453.372	453.463	1.09
1784+10.00	453.314	453.393	0.95
1784+20.00	453.223	453.321	1.17
1784+30.00	453.136	453.245	1.31
1784+40.00	453.037	453.167	1.56
1784+50.00	452.906	453.085	2.16
1784+60.00	452.787	453.001	2.57
1784+70.00	452.669	452.914	2.94
1784+80.00	452.571	452.824	3.03
1784+90.00	452.458	452.730	3.27
1785+00.00	452.344	452.634	3.49
1785+10.00	452.213	452.535	3.87
1785+20.00	452.104	452.434	3.96
1785+30.00	452.062	452.332	3.24
1785+40.00	451.930	452.230	3.59
1785+50.00	451.865	452.128	3.15
1785+60.00	451.885	452.026	1.69
1785+70.00	451.894	451.924	0.35
1785+72.10	451.888	451.902	0.17
	BRIDGE OMISSION		
1789+98.68	447.551	447.551	0.00
1790+00.00	447.523	447.538	0.18
1790+10.00	447.289	447.440	1.82
1790+20.00	447.204	447.342	1.66
1790+30.00	447.126	447.244	1.42
1790+40.00	446.997	447.146	1.79
1790+50.00	446.886	447.048	1.95
1790+60.00	446.792	446.950	1.90
1790+70.00	446.690	446.852	1.95
1790+80.00	446.613	446.754	1.69
1790+90.00	446.543	446.656	1.36
1791+00.00	446.457	446.558	1.21
1791+10.00	446.341	446.460	1.43
1791+20.00	446.216	446.362	1.75
1791+30.00	446.120	446.264	1.73
1791+40.00	446.032	446.166	1.61
1791+50.00	445.946	446.068	1.47
1791+60.00	445.889	445.970	0.97
1791+70.00	445.813	445.872	0.71
1791+80.00	445.719	445.774	0.66
1791+90.00	445.607	445.676	0.83
1792+00.00	445.529	445.578	0.59
1792+10.00	445.448	445.480	0.39
1792+20.00	445.364	445.382	0.21
1792+23.68	445.334	445.346	0.15

SN 060-0279 APPROACHES

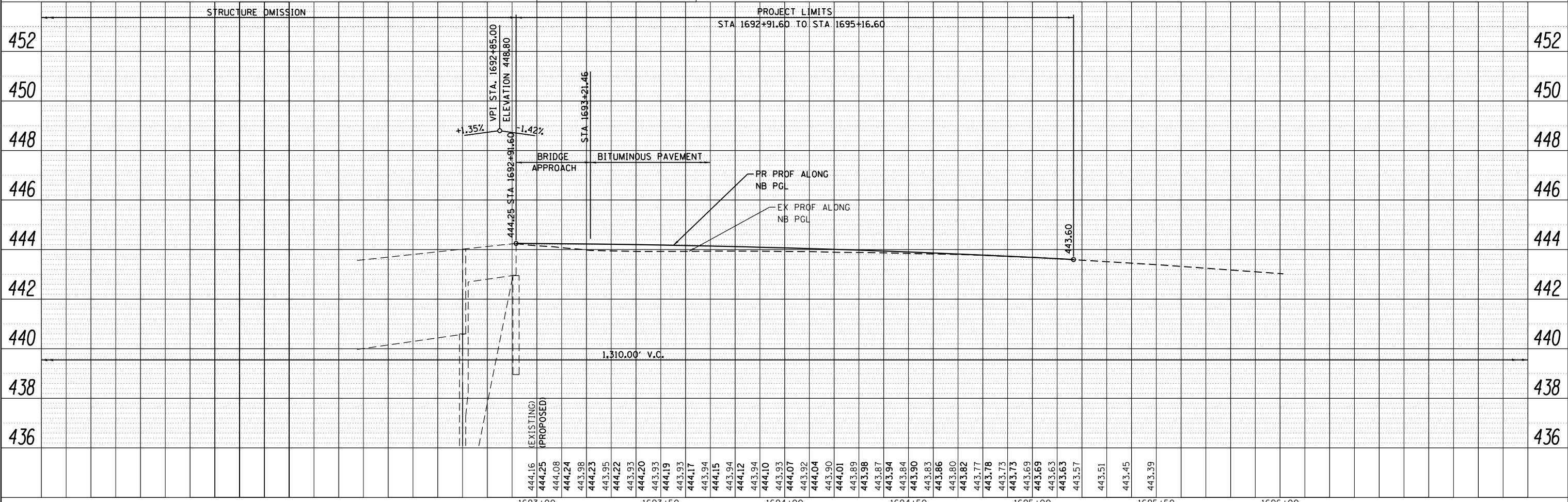
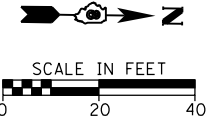
STATION	EXISTING ELEV. (FT)	PROPOSED ELEV. (FT)	CHANGE IN ELEV. (IN)
1783+29.76	453.841	453.846	0.06
1783+30.00	453.840	453.845	0.06
1783+40.00	453.782	453.798	0.19
1783+50.00	453.724	453.748	0.29
1783+60.00	453.685	453.696	0.12
1783+70.00	453.621	453.640	0.23
1783+80.00	453.552	453.582	0.37
1783+90.00	453.478	453.521	0.52
1784+00.00	453.390	453.457	0.81
1784+10.00	453.303	453.390	1.05
1784+20.00	453.225	453.321	1.14
1784+30.00	453.131	453.248	1.41
1784+40.00	453.032	453.173	1.69
1784+50.00	452.960	453.095	1.62
1784+60.00	452.885	453.014	1.54
1784+70.00	452.800	452.930	1.56
1784+80.00	452.694	452.843	1.79
1784+90.00	452.644	452.754	1.31
1785+00.00	452.554	452.661	1.29
1785+10.00	452.403	452.566	1.96
1785+20.00	452.211	452.468	3.08
1785+30.00	452.147	452.367	2.64
1785+40.00	452.085	452.266	2.17
1785+50.00	452.150	452.165	0.18
1785+54.76	452.134	452.117	-0.20
	BRIDGE OMISSION		
1789+81.19	447.841	447.810	-0.37
1789+90.00	447.628	447.721	1.12
1790+00.00	447.476	447.620	1.73
1790+10.00	447.330	447.519	2.27
1790+20.00	447.287	447.418	1.58
1790+30.00	447.181	447.317	1.63
1790+40.00	447.072	447.216	1.73
1790+50.00	446.962	447.115	1.83
1790+60.00	446.843	447.014	2.06
1790+70.00	446.747	446.913	1.99
1790+80.00	446.675	446.812	1.65
1790+90.00	446.582	446.711	1.55
1791+00.00	446.503	446.610	1.29
1791+10.00	446.395	446.509	1.36
1791+20.00	446.292	446.408	1.39
1791+30.00	446.183	446.307	1.49
1791+40.00	446.086	446.206	1.44
1791+50.00	445.987	446.105	1.41
1791+60.00	445.931	446.004	0.88
1791+70.00	445.861	445.903	0.50
1791+80.00	445.787	445.802	0.18
1791+81.19	445.777	445.790	0.16

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	NO.	
	CHECKED	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
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	NOTATION	



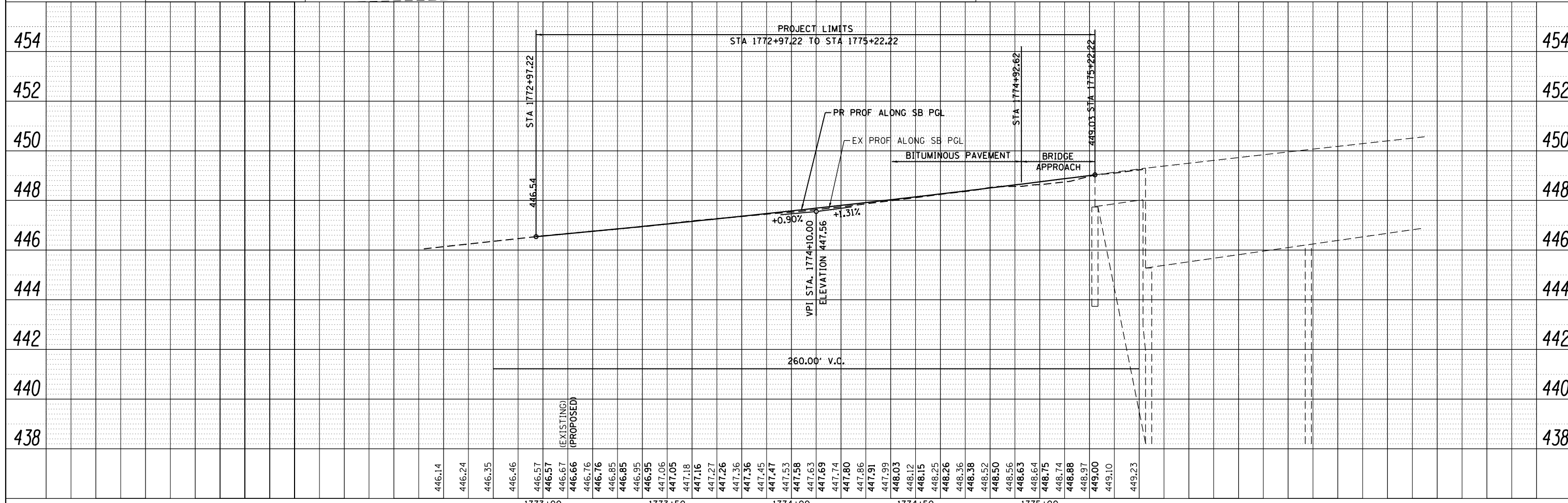
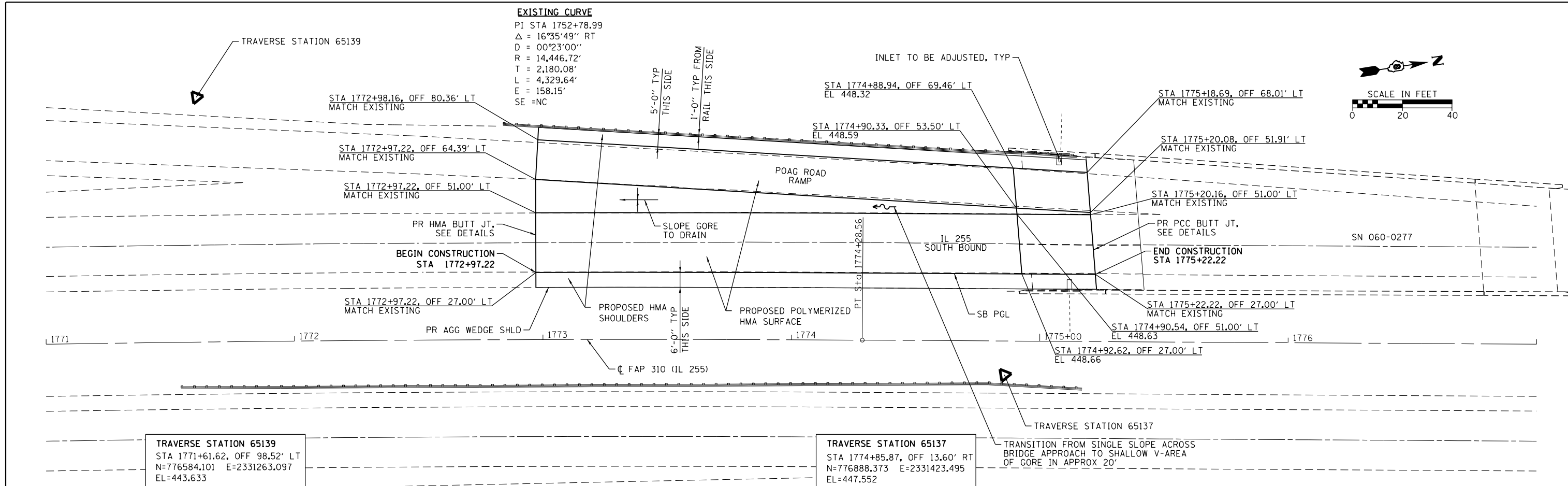
TRaverse Station 65131
 STA 1693+34.75, OFF 11.98' LT
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 EL=443.994



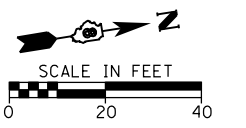
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	PLOT DATE = 10/29/2013	DATE -	REVISED -		SCALE:	SHEET 1	OF 6 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CARD FILE NAME	

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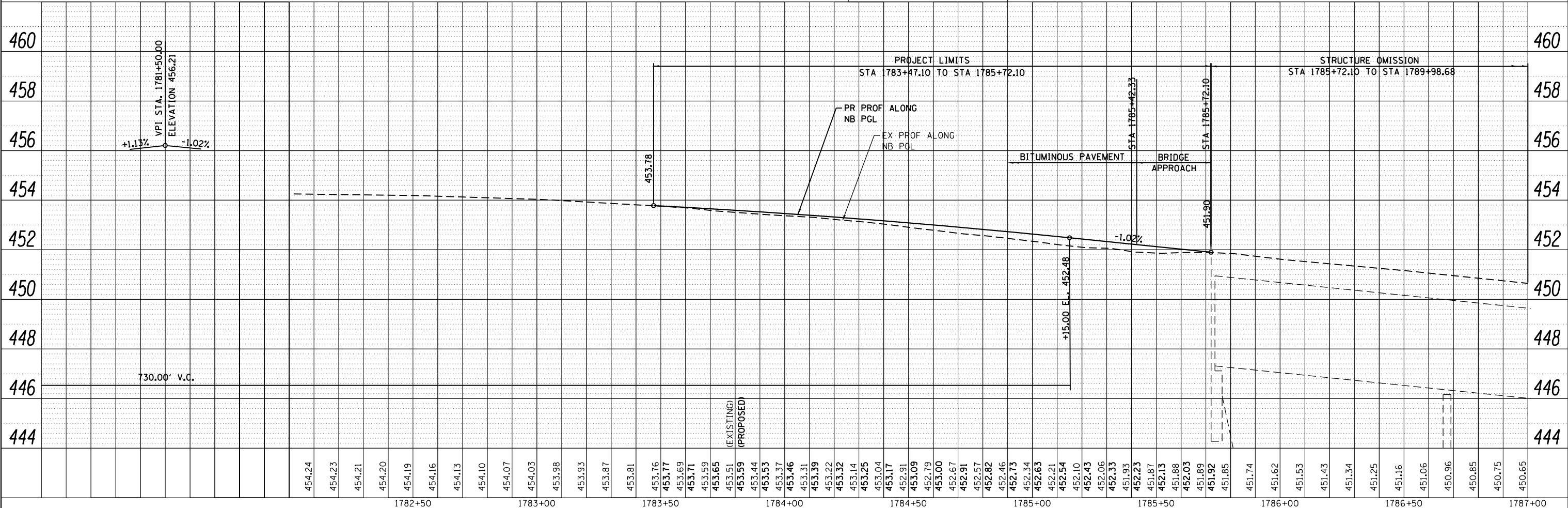
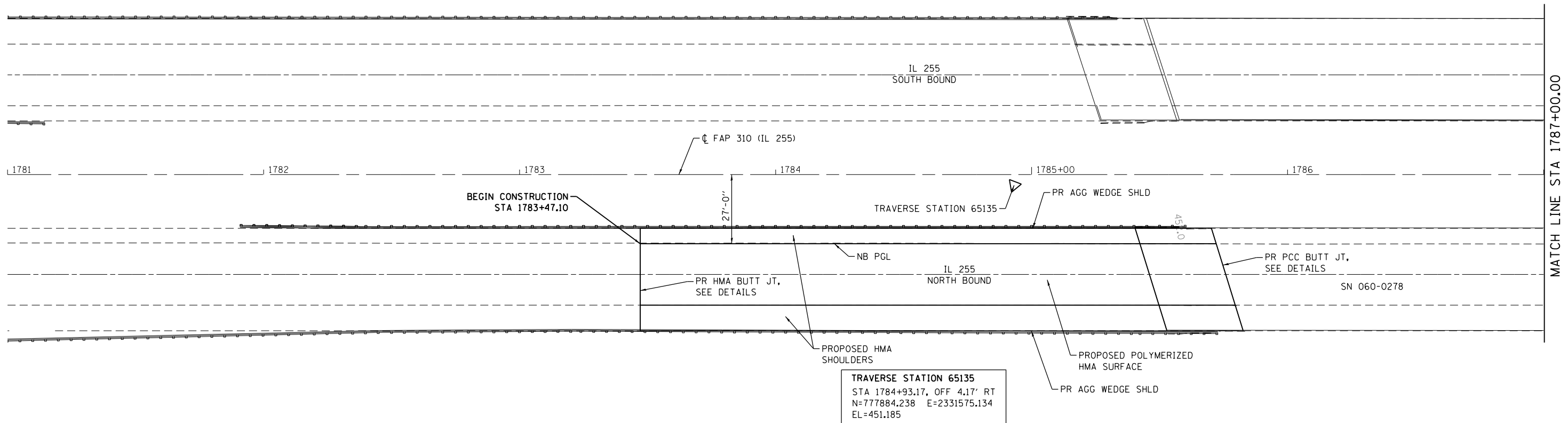


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		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	BY	DATE
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	FILE NAME		

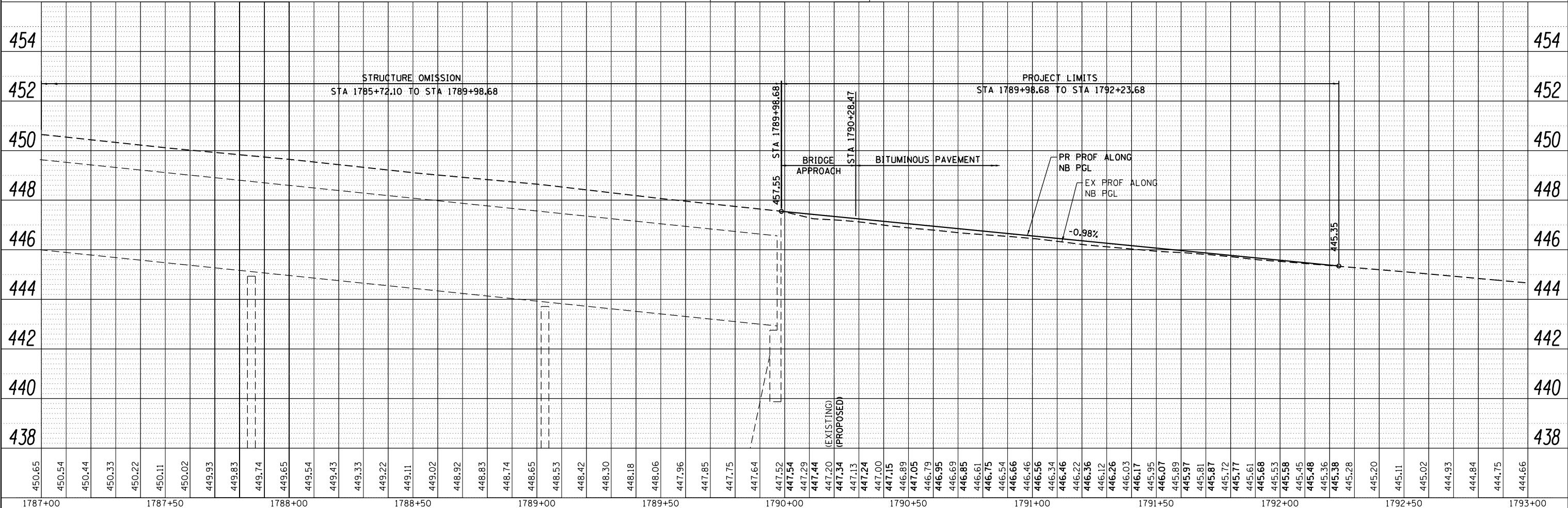
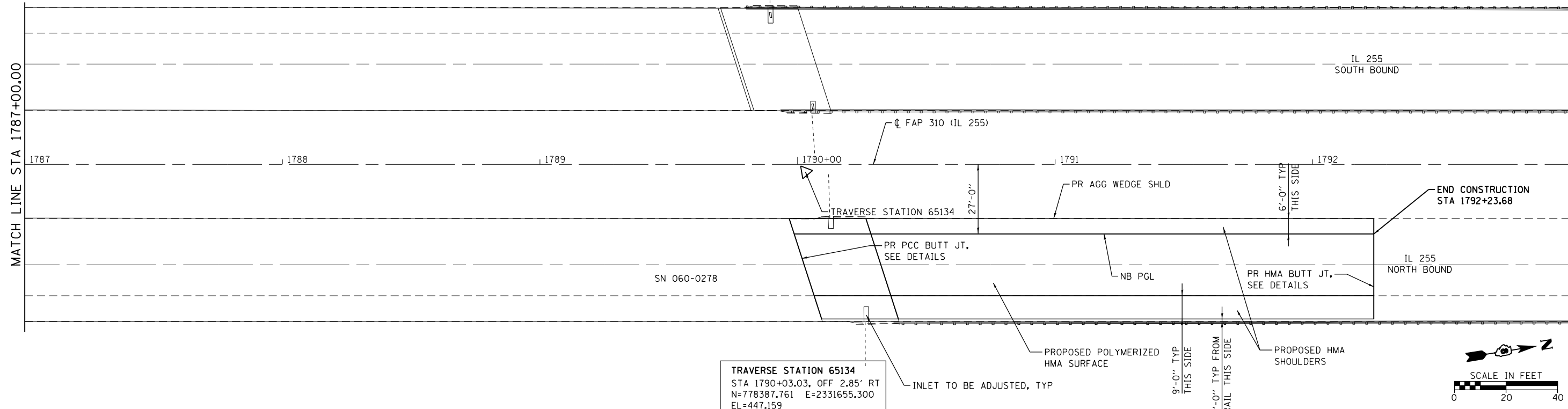
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FILE NAME =	USER NAME = k1eux	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE FAP 310 (IL 255) NB 060-0278 SOUTH END	FAP	SECTION	COUNTY	TOTAL	SHEET
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PLOT SCALE = 40.0000' / in.	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							

PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTE BOOK	
	NO.	
	NO.	
	NO.	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
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	NO.	
	NO.	
	NO.	



454	452	450	448	446	444	442	440	438	1787+00	1787+50	1788+00	1788+50	1789+00	1789+50	1790+00	1790+50	1791+00	1791+50	1792+00	1792+50	1793+00
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

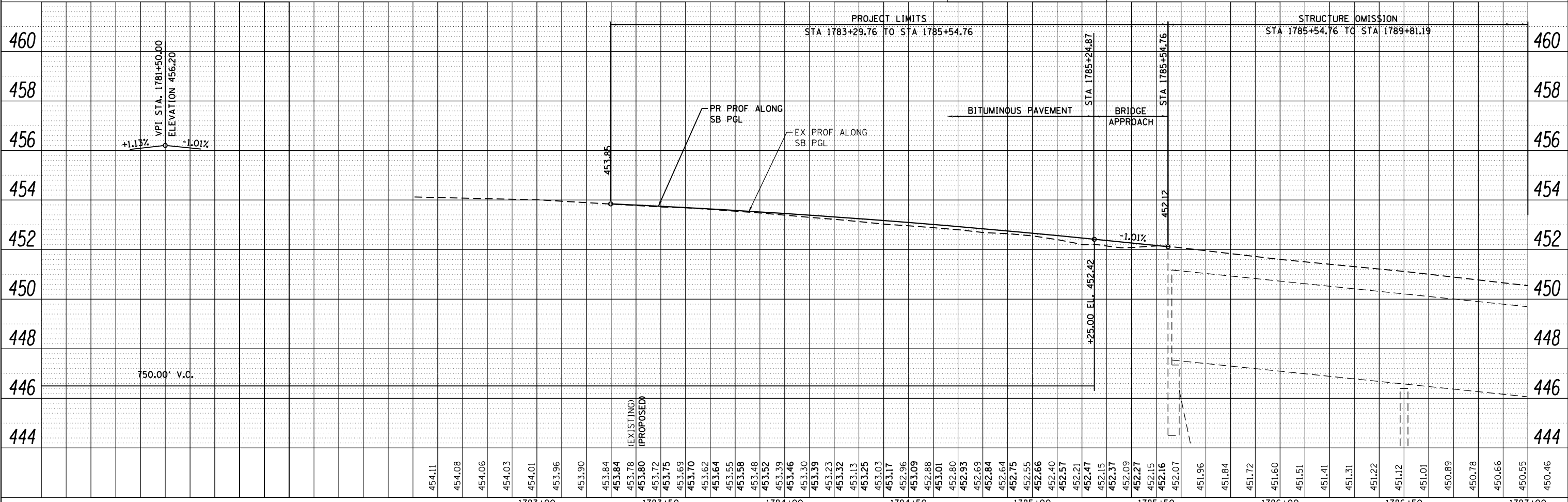
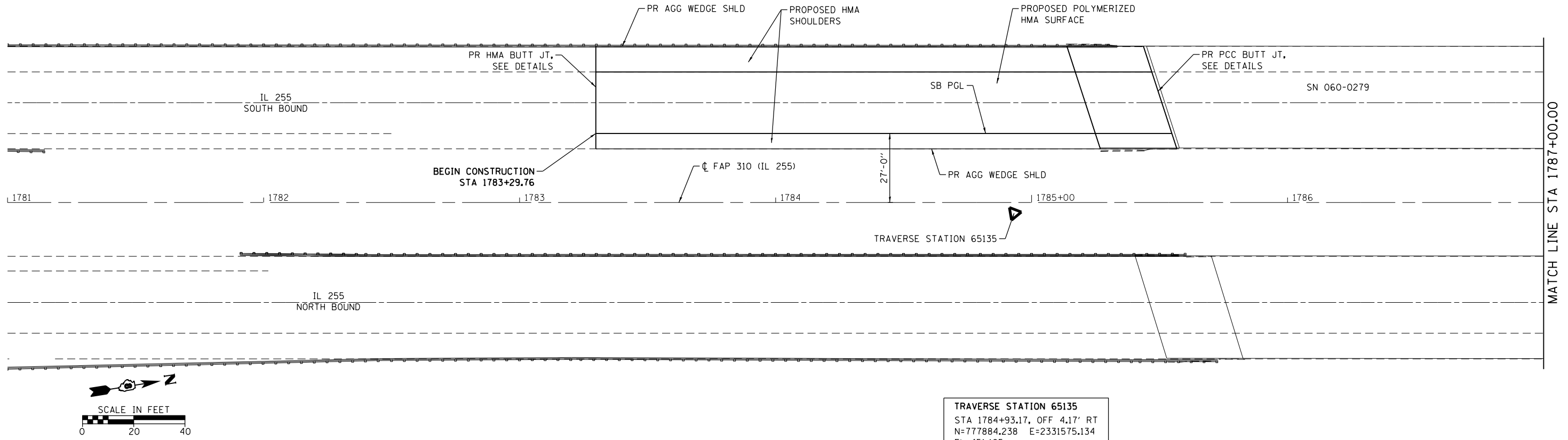
**PLAN AND PROFILE
FAP 310 (IL 255) NB 060-0278 NORTH END**

SCALE: SHEET 4 OF 6 SHEETS STA. 1787+00 TO STA. 1793+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	DIST 8 RESURF 2014-2	MADISON	15	12
				CONTRACT NO. 76C43
ILLINOIS FED. AID PROJECT				

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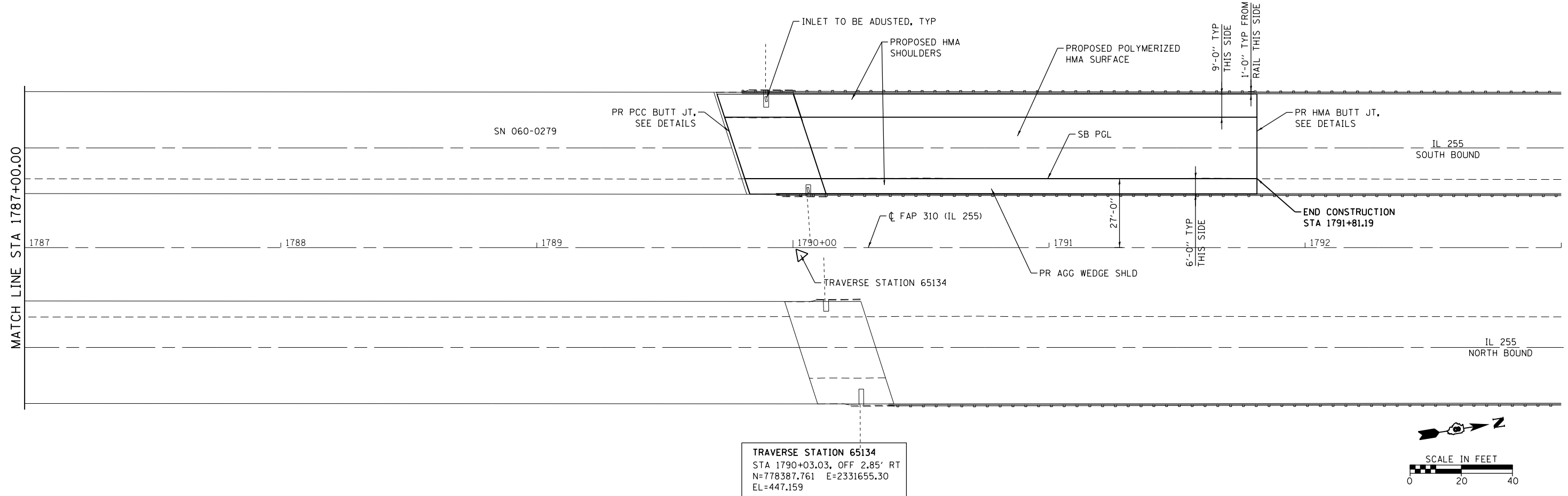
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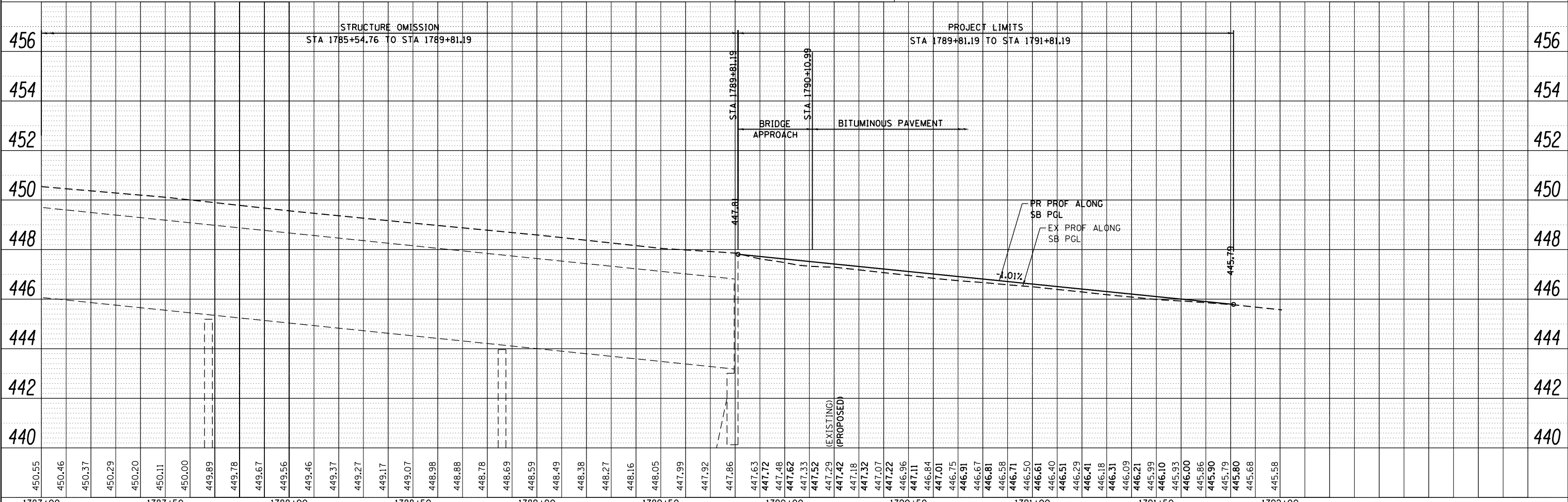
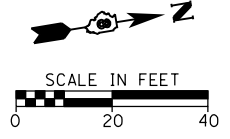
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Default	PLOT DATE = 10/29/2013	CHECKED -	REVISED -			CONTRACT NO. 76C43				
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
NOTE BOOK NO.	CADD FILE NAME	

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NOTE BOOK NO.	NOTATION CHPKD	

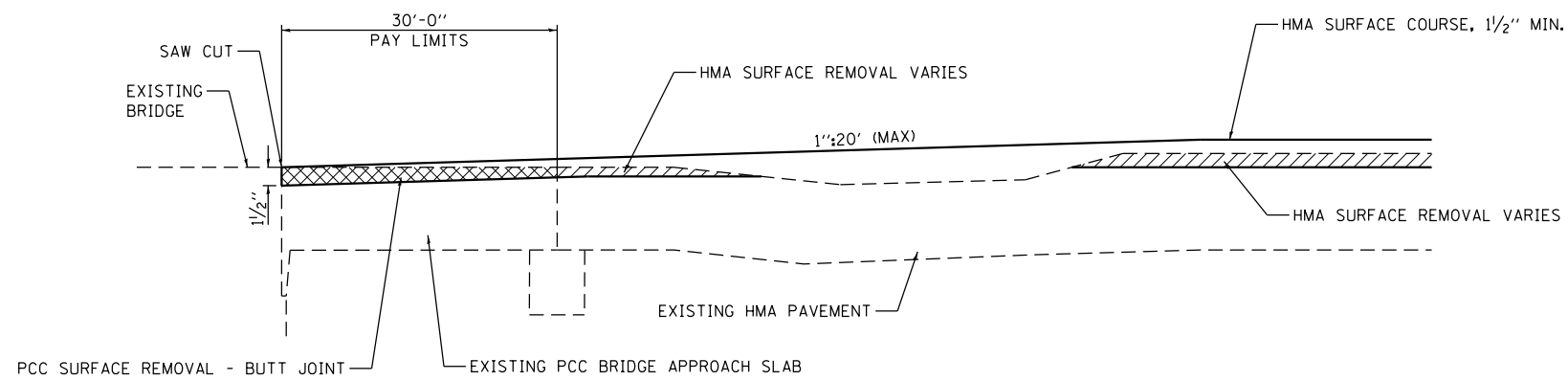


TRAVERSE STATION 65134
 STA 1790+03.03, OFF 2.85' RT
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 EL=447.159

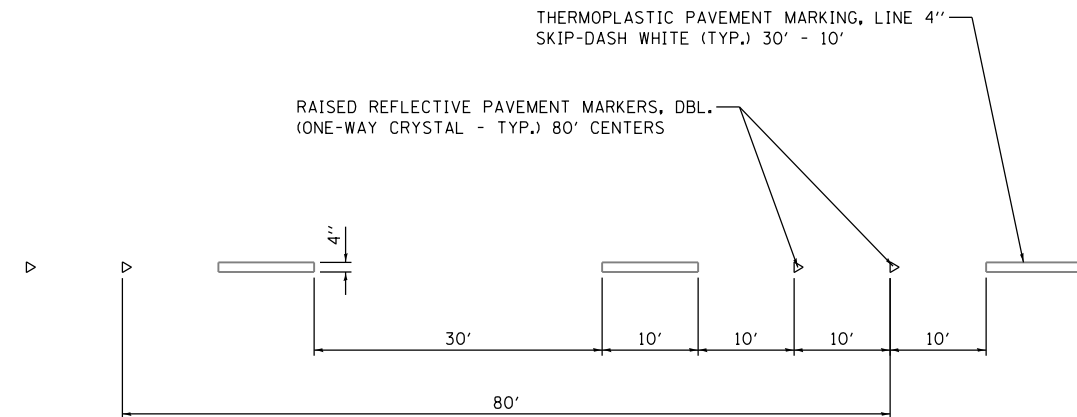


FILE NAME =	USER NAME = k1eux	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE FAP 310 (IL 255) SB 060-0279 NORTH END	FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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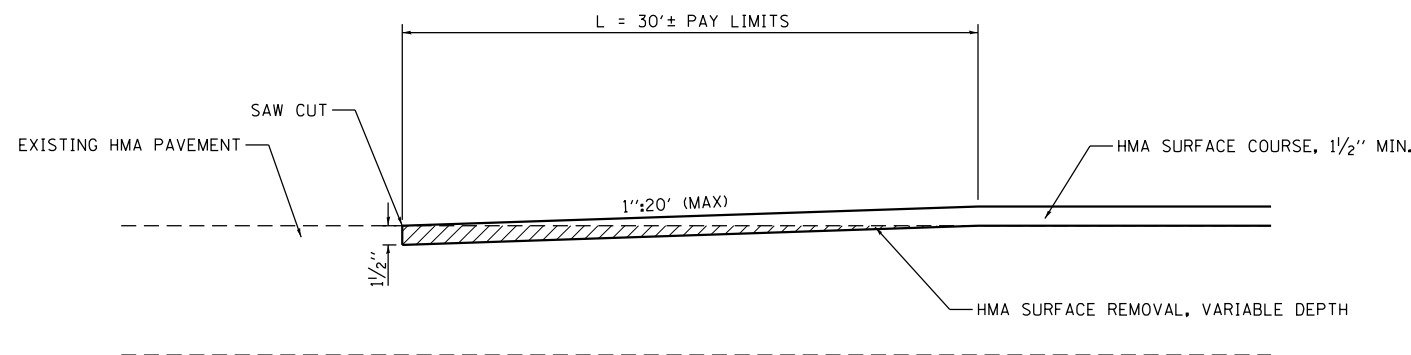
SCALE: SHEET 6 OF 6 SHEETS STA. 1787+00 TO STA. 1793



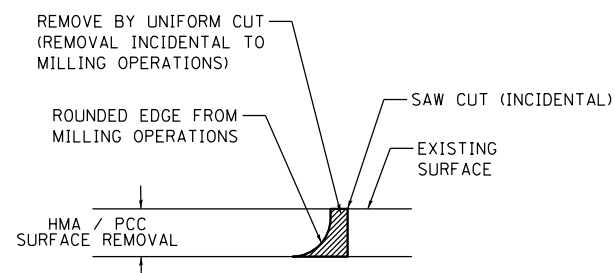
BUTT JOINT AT BRIDGE APPROACH



TYPICAL APPLICATION FOR WHITE SKIP-DASH LINE WITH RAISED REFLECTIVE PAVEMENT MARKERS

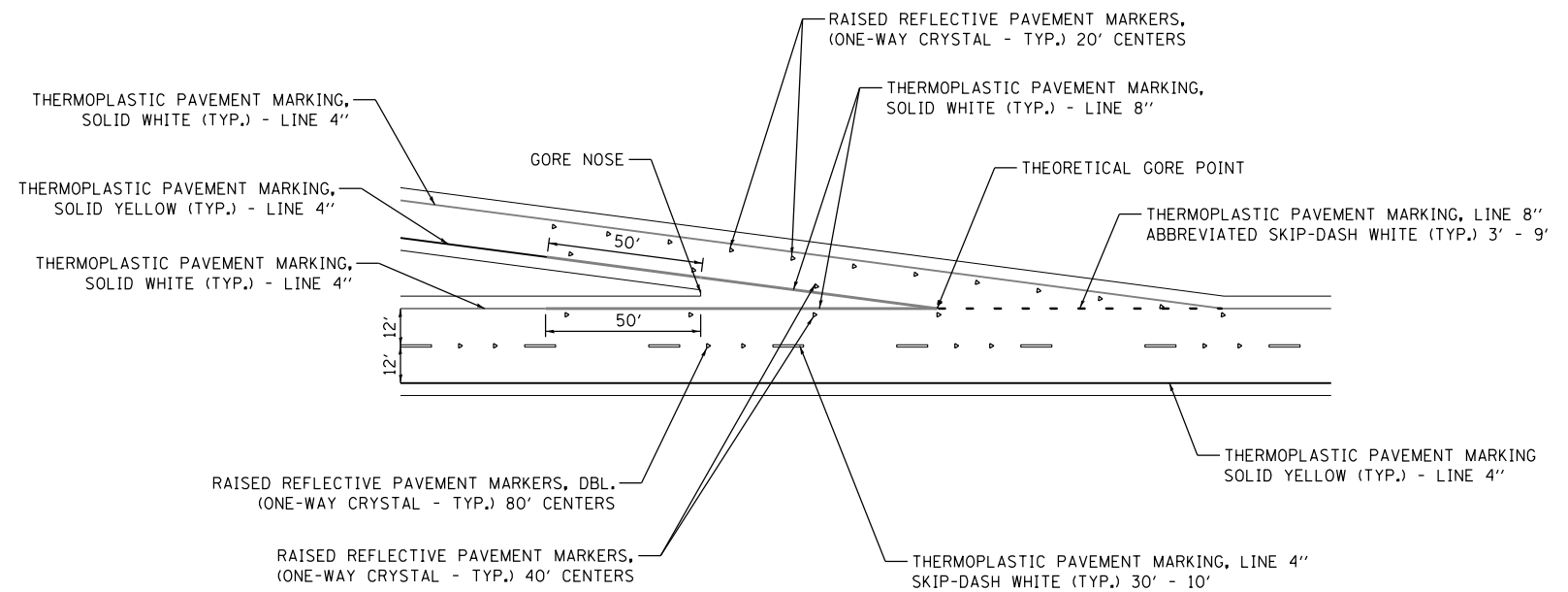


BUTT JOINT AT EXISTING HMA



NOTE:
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL.

BUTT JOINT DETAIL



TYPICAL EXIT RAMP MARKINGS

FILE NAME =	USER NAME = k1aux	DESIGNED - L.D.G.	REVISED -
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	PLOT DATE = 10/29/2013	CHECKED - B.G.H.	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS

SHEET NO. 1 OF 1 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	DIST 8 RESURF 2014-2	MADISON	15	15
CONTRACT NO. 76C43				
ILLINOIS FED. AID PROJECT				

HMG NO. 6513.001