

INDEX OF SHEETS: 11-09-2018 LETTING ITEM 058

- 1 COVER SHEET
- 2 HIGHWAY STANDARDS, GENERAL NOTES, & COMMITMENTS
- 3-13 SUMMARY OF QUANTITIES
- 14-17 TYPICAL SECTIONS
- 18-21 SCHEDULE OF QUANTITIES
- 22-23 HORIZONTAL ALIGNMENT / SURVEY TIES
- 24-31 PLAN/PROFILE SHEETS
- 32-34 REMOVAL PLANS
- 35-36 STAGING / DETOUR SHEETS
- 37-40 EROSION & SEDIMENT CONTROL SHEETS
- 41-59 RIGHT-OF-WAY SHEETS
- 60-61 INTERSECTION DETAIL
- 62-64 PAVEMENT MARKING DETAILS
- 65-160 BRIDGE PLANS (S.N. 014-0080)
- 161-169 C.I.P. BOX CULVERT (S.N. 014-2025)
- 170-174 PRECAST BOX CULVERTS
- 175 DETAILS
- 176-259 CROSS SECTIONS

TRAFFIC DATA:

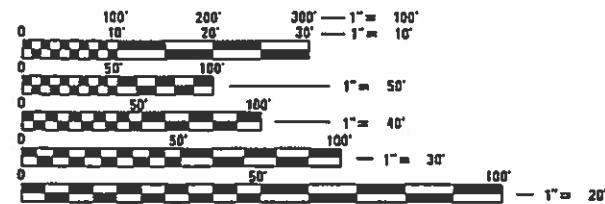
ADT - IL 161 WEST OF SHATTUC RD 2017 = 5,100 (ACTUAL) 2019 = 5,200 (ESTIMATED) 2039 = 6,300 (ESTIMATED) SU = 9.3% MU = 6.4%	ADT - IL 161 EAST OF SHATTUC RD 2017 = 6,500 (ACTUAL) 2019 = 6,600 (ESTIMATED) 2039 = 8,100 (ESTIMATED) SU = 4.1% MU = 3.2%
ADT - SHATTUC ROAD 2015 = 2,700 (ACTUAL) 2019 = 2,800 (ESTIMATED) 2039 = 3,400 (ESTIMATED) SU = 3.3% MU = 1.5%	ADT - NOLTINGS ROAD 2015 = 500 (ACTUAL) 2019 = 525 (ESTIMATED) 2039 = 650 (ESTIMATED) SU = 3.3% MU = 1.5%

FUNCTIONAL CLASSIFICATION:

IL 161 - MINOR ARTERIAL
SHATTUC RD - MAJOR COLLECTOR
NOLTINGS RD - MINOR COLLECTOR

TOWNSHIPS:

BROOKSIDE



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: TIM PADGETT (618) 346-3325
PROJECT MANAGER: PHIL FREIMUTH (618) 346-3194

CONTRACT NO. 76887

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 805 (IL 161)
SECTION 7BR, 7BR-1
PROJECT STP-PGGY(853)
BRIDGE & CULVERT REPLACEMENT
CLINTON COUNTY

C-98-043-05

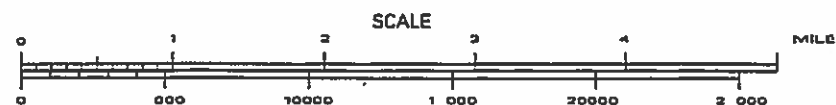
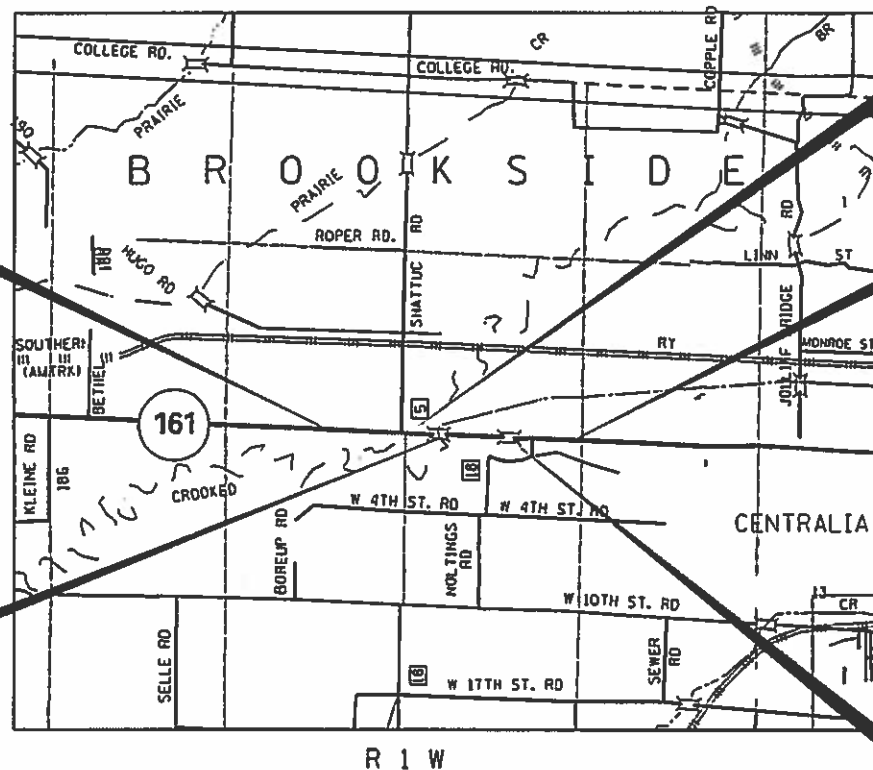
BEGIN IMPROVEMENT
STA. 692+80.00
LAT: 38.535417
LON: -89.205894

BRIDGE REPLACEMENT
STA. 730+03.77
EXIST SN 014-0025
PROP SN 014-0080

STRUCTURE REPLACEMENT
STA. 717+20.19
EXIST SN 014-2426
PROP SN 014-2454

END IMPROVEMENT
STA. 766+00.00
LAT: 38.534269
LON: -89.180569

STRUCTURE REPLACEMENT
STA. 748+35.00
EXIST SN 014-2001
PROP SN 014-2025

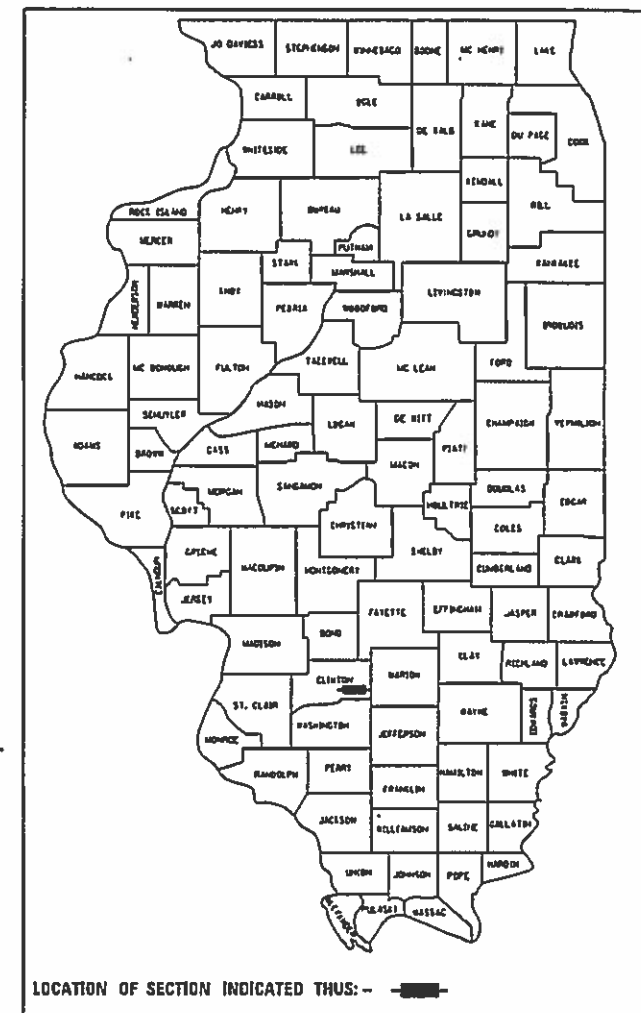


GROSS LENGTH = 7,320.00 FT. = 1.386 MILE
NET LENGTH = 7,320.00 FT. = 1.386 MILE

DESIGN DESIGNATION - 920(39) MINOR ARTERIAL 3.17 (FD-20)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	1
ILLINOIS			CONTRACT NO. 76887	

D-98-024-05



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Aug 17 2018
Jeffrey L. Kern REGIONAL ENGINEER

Oct 5 2018
Paul P. Chaf ENGINEER OF DESIGN AND ENVIRONMENT

Oct 9 2018
Paul P. Chaf DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

HIGHWAY STANDARDS

Table listing various highway standards such as STANDARD SYMBOLS, AREAS OF REINFORCEMENT BARS, and TRAFFIC CONTROL DEVICES.

GENERAL NOTES

- 1. 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:
AERIAL BURIED
* AMEREN ILLINOIS - (GAS & ELECTRIC)
* AT&T ILLINOIS - (COMMUNICATIONS)
* CITY OF CENTRALIA - (WATER & SANITARY SEWER)
* CHARTER COMMUNICATIONS, INC. - (COMMUNICATIONS)
* CLEARWAVE COMMUNICATIONS - (COMMUNICATIONS)
* CLINTON COUNTY ELECTRIC COOPERATIVE, INC (ELECTRIC)
* VILLAGE OF HOFFMAN (WATER & SANITARY SEWER)
* HOYLETON RURAL WATER COMPANY - (WATER)
* WINDSTREAM KDL, INC. - (COMMUNICATIONS)
MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY *. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
3. THE THICKNESS OF THE BITUMINOUS 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 BITUMINOUS MIXTURE IS PLACED.
4. ALL EXISTING AND PROPOSED RIGHT-OF-WAY LINES AND PROPERTY LINES SHOWN ON THE PLAN SHEETS ARE GRAPHICAL REPRESENTATIONS AND SHALL NOT BE USED AS A MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGHT-OF-WAY, THE PLAT OF HIGHWAYS SHALL BE THE CONTROLLING DOCUMENT.
6. ALL TRAFFIC CONTROL DEVICES SHALL BE NEW OR "LIKE NEW" CONDITION AT THE BEGINNING OF THE PROJECT.
7. ALL EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTS.

GENERAL NOTES (CONTINUED)

- 8. FOUR CHANGEABLE MESSAGE SIGNS SHALL BE PROVIDED AS SHOWN ON THE DETOUR SIGNING PLANS TO ALERT DRIVERS OF ROADWAY CLOSURES. CHANGEABLE MESSAGE SIGNS SHALL BE PLACED 14 DAYS PRIOR TO ANY CLOSURE AND REMAIN IN PLACE DURING THE FULL CLOSURE. EXACT LOCATION OF THE CHANGEABLE MESSAGE SIGNS SHALL BE DETERMINED BY THE ENGINEER.
9. THE DISTRICT LAND ACQUISITION SECTION SHALL BE CONTACTED IF DIFFERENCES ARE IDENTIFIED BETWEEN ANY PROPOSED RIGHT-OF-WAY OR EASEMENT SHOWN ON THE ENGINEERING PLAN SHEETS AS COMPARED TO THE SAME PROPOSED RIGHT-OF-WAY OR EASEMENT SHOWN ON THE PLAT OF HIGHWAYS. QUESTIONS OR CONCERNS REGARDING THESE ITEMS SHOULD BE DIRECTED TO CLINT MARSHALL AT (618) 346-3124.
10. ALL EXISTING AND PROPOSED RIGHT-OF-WAY LINES AND PROPERTY LINES SHOWN ON THE ROADWAY PLAN SHEETS ARE GRAPHICAL REPRESENTATIONS AND SHALL NOT BE USED AS A MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGHT-OF-WAY, THE PLAT OF HIGHWAYS SHALL BE THE CONTROLLING DOCUMENT.
11. IF ANY SECTION OR SUB-SECTION MONUMENT (I.E. STONE, BRASS PLUG, ALUMINUM DISK, IRON PIPE OR PIN, MAG NAIL, CROSS, ETC.), IS ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENT IS REMOVED OR RESURFACED OVER. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE THE MONUMENT IN PLACE UNTIL AN ILLINOIS PROFESSIONAL LAND SURVEYOR WITH A DEPARTMENT PREQUALIFICATION IN "SPECIAL SERVICES SURVEYING" HAS REFERENCED ITS LOCATION.
12. ANY MONUMENT OR PROPERTY CORNER TO BE SET SHALL BE SET BY AN ILLINOIS PROFESSIONAL LAND SURVEYOR WITH A DEPARTMENT PREQUALIFICATION IN "SPECIAL SERVICES SURVEYING".
13. THE RIGHT-OF-WAY, PERMANENT EASEMENTS AND TEMPORARY EASEMENTS SHALL BE STAKED PRIOR TO ANY CONSTRUCTION OPERATIONS. STAKES SHALL BE PLACED SUCH THAT THEY ARE VISIBLE FROM EACH OTHER AND ARE SUFFICIENTLY SPACED TO DETERMINE THE LOCATION OF THE RIGHT-OF-WAY OR EASEMENT IN ANY LOCATION. THE RIGHT-OF-WAY SHALL BE STAKED BY AN ILLINOIS PROFESSIONAL LAND SURVEYOR WITH A DEPARTMENT PREQUALIFICATION IN "SPECIAL SERVICES SURVEYING". THIS WORK SHALL BE INCLUDED IN THE LUMP SUM COST FOR CONSTRUCTION LAYOUT.
14. THE RIGHT-OF-WAY OR PROPERTY CORNER IS MONUMENTED WITH A 5/8" IRON ROD, THIRTY INCHES (30") IN LENGTH, WITH AN IDOT ALUMINUM CAP THAT SHALL NOT BE REMOVED, DAMAGED OR DISTURBED WHEN SETTING THE RIGHT-OF-WAY MARKER. THE RIGHT-OF-WAY MARKER SHALL BE INSTALLED SO THAT THE BACK OF THE POST IS TWELVE INCHES (12") INSIDE THE RIGHT-OF-WAY BOUNDARY. THE RIGHT-OF-WAY MARKER SHALL BE A WITNESS TO THE MONUMENT.

COMMITMENTS

- 1. ENDANGERED SPECIES - FROM APRIL 1 THROUGH SEPTEMBER 30, NO TREE CLEARING OF TREES THREE (3) INCHES OR GREATER IN DIAMETER AT A POINT 4.5 FT ABOVE THE HIGHEST GROUND LEVEL AT THE BASE OF THE TREE. ANY VOIDS CAUSED BY TREE REMOVAL SHALL BE FILLED WITH ON-SITE SOIL ONLY. FILLING VOIDS SHALL BE INCLUDED IN THE COST OF THE TREE REMOVAL.
2. IT IS ANTICIPATED THAT THE CONTRACTOR MAY TEMPORARILY IMPACT WETLANDS LOCATED ON EITHER THE NORTH OR SOUTH SIDE OF THE STRUCTURE WHILE ACCESSING THE PROJECT SITE. THE ACCESS REQUIRED FOR TEMPORARY CONSTRUCTION PLATFORMS SHALL BE ESTABLISHED WITH FILTER FABRIC AND AN AGGREGATE SURFACE. THESE ITEMS MUST BE FULLY REMOVED FOLLOWING CONSTRUCTION ACTIVITIES. IN ORDER TO COMPENSATE FOR THE TEMPORARY IMPACTS, ANY EXPOSED SOIL CAUSED BY THE EQUIPMENT DRIVING OVER THE WETLANDS MUST BE DISCED AND RESEED WITH CLASS 4B WETLAND GRASS AND FORB MIXTURE. THE MEASURES AS NOTED ABOVE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
3. THE CONTRACTOR SHALL INFORM THE ENGINEER TWO (2) WEEKS PRIOR TO THE CLOSURE OF SHATTUC ROAD. THE ENGINEER SHOULD THEN INFORM KASKASKIA COLLEGE, CHRIST OUR ROCK LUTHERAN HIGH, AND CENTRALIA CORRECTIONAL CENTER OF THE SHATTUC ROAD CLOSURE AND ANTICIPATED DURATION.
4. THE ENGINEER SHALL DOCUMENT THE CONDITION OF SHATTUC ROAD BEFORE AND AFTER THE IL 161 ROAD CLOSURE. REMEDIATION'S CONSISTING OF PAVEMENT PATCHING AND AGGREGATE SHOULDERS SHALL BE PROVIDED FOR DAMAGES THAT OCCURRED DURING THE IL 161 ROAD CLOSURE. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
5. THE CONTRACTOR SHALL DELIVER THE PROPOSED TREES TO THE CITY OF CENTRALIA. DELIVER 200 TREES ON SEPTEMBER 1, 2019 AND 195 TREES ON OCTOBER 1, 2019. ON EACH DATE, DELIVER HALF THE QUANTITY OF EACH TYPE OF TREE LISTED IN THE SUMMARY OF QUANTITIES. ALL TREE DELIVERIES SHALL BE MADE TO: ATTN: DAN RAMEY, CITY MANAGER (618) 533-7623 CITY OF CENTRALIA PUBLIC WORKS DEPARTMENT 114 EAST 5TH STREET, CENTRALIA, IL 62801
6. THE GAP IN THE PROPOSED GUARDRAIL AT THE FIELD ENTRANCE LOCATED AT STA. 742+27 LT. SHALL BE ADJUSTED TO ACCOMMODATE TURNING VEHICULAR FARM EQUIPMENT AND TRAILERS TURNING WESTBOUND ONTO IL 161 BY SHIFTING THE GAP WEST SO THAT IT IS CENTERED ON THE 30' WIDE AGGREGATE FIELD ENTRANCE.
7. THE ENGINEER SHOULD CONTACT LOCAL AGENCIES PRIOR TO ROAD CLOSURE (SUGGESTED BUT NOT LIMITED TO): CLINTON COUNTY, TRAFFIC MANAGEMENT CENTER, CITY OF CENTRALIA (INCLUDE FIRE & POLICE), KASKASKIA COLLEGE, AND DISTRICT 8 TRAFFIC MANAGEMENT CENTER.

MODEL Default FILE Name: P:\I161\B&E\BID\ITEC\Illinois\pwr\WDDOT\Documents\BID01\Office\BIDirect\B\Project\161\0876887\CDData\1a\CAD\pwr\0876887-rhb-generators.dgn

Table with columns: USER NAME (freimthpd), DESIGNED (DRAWN), PLOT SCALE (100,0000' / in.), PLOT DATE (8/17/2018), REVISED (REVISIONS), CHECKED, DATE.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

HIGHWAY STANDARDS, GENERAL NOTES, & COMMITMENTS

Table with columns: SCALE, SHEET OF SHEETS, STA. TO STA., ILLINOIS FED. AID PROJECT.

Table with columns: F.A.P. RTE., SECTION (7BR, 7BR-1), COUNTY (CLINTON), TOTAL SHEETS (259), SHEET NO. (2), CONTRACT NO. (76887).

MODEL: Default
 FILE: \\msc01\p01\ulb08\EBID\NTEC\Illinois\gov\PIWDOT\Documents\DOT_Offices\Director\B\Projects\0876887\CADD\DATA\CAD\Access\0876887_rpt-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% STATE			
				BRIDGE	BOX CULVERT	BOX CULVERT	RIGHT TURN LANE
				0010	0010	0004	0004
				S.N. 014-0080	S.N. 014-2025	S.N. 014-2454	RURAL
20100500	TREE REMOVAL, ACRES	ACRE	1.5	1.5			
20200100	EARTH EXCAVATION	CU YD	14745	14745			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	694		694		
20400800	FURNISHED EXCAVATION	CU YD	30620	30620			
20700110	POROUS GRANULAR EMBANKMENT	TON	1814	258		1556	
20800150	TRENCH BACKFILL	CU YD	224	224			
* 25000210	SEEDING, CLASS 2A	ACRE	9.68	9.68			
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	871	871			
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	871	871			
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	871	871			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2903	2903			
28000305	TEMPORARY DITCH CHECKS	FOOT	672	672			
28000400	PERIMETER EROSION BARRIER	FOOT	16134	16134			
28000500	INLET AND PIPE PROTECTION	EACH	10	10			

*** SPECIALTY ITEM**

USER NAME = freimutpd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/17/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 11 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	3
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FED 20% STATE		BRIDGE	BOX CULVERT	BOX CULVERT	RIGHT TURN LANE
						0010	0010	0004	0004
						S.N. 014-0080	S.N. 014-2025	S.N. 014-2454	RURAL
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	30519	30519					
28001200	TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	16309	16309					
28100107	STONE RIPRAP, CLASS A4	SQ YD	426	100	326				
28100109	STONE RIPRAP, CLASS A5	SQ YD	1542	1542					
28100809	STONE DUMPED RIPRAP, CLASS A5	TON	1525			1525			
28200200	FILTER FABRIC	SQ YD	1818	1492	326				
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	11057	11057					
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	17100	16697			403		
31101900	SUBBASE GRANULAR MATERIAL, TYPE C	TON	928	928					
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1268	1268					
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	506	506					
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	46946	46039			907		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	13693	13693					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	350	350					

MODEL: Default
FILE: \\nlsr01\pww\proj\76887\DOT\Documents\DOT Office\Director\B\Projects\0876887\CADD\DATA\CAD\Revised\0876887-rpt-SQO.dgn

USER NAME = freimuthpd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/17/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 11 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	4
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				BRIDGE	BOX CULVERT	BOX CULVERT	RIGHT TURN LANE
				0010 S.N. 014-0080	0010 S.N. 014-2025	0004 S.N. 014-2454	0004 RURAL
40600990	TEMPORARY RAMP	SQ YD	213.3	213.3			
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	39	39			
40701841	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8"	SQ YD	2087	2087			
40701901	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11"	SQ YD	18778	18375			403
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	189	189			
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	16	16			
42000070	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	SQ YD	191.1	191.1			
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	178	178			
44000100	PAVEMENT REMOVAL	SQ YD	7065.8	7065.8			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	222	222			
44004250	PAVED SHOULDER REMOVAL	SQ YD	1172.7	1172.7			
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	3028	3028			
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	5987	5987			
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1			

MODEL: Default
FILE: \\nls01\p01\B&E\BID\NTEC\Illinois\p01\p01\DOT\Documents\DOT_Offices\Director\B\Projects\0876887\CADD\DATA\CAD\Revised\0876887-rpt-SQO.dgn

USER NAME = freimutpjd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/17/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	5
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				BRIDGE	BOX CULVERT	BOX CULVERT	RIGHT TURN LANE
				0010	0010	0004	0004
				S.N. 014-0080	S.N. 014-2025	S.N. 014-2454	RURAL
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1			1	
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1	1			
50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1		1		
50100700	REMOVAL OF EXISTING STRUCTURES NO. 5	EACH	1	1			
50105220	PIPE CULVERT REMOVAL	FOOT	419	419			
50200100	STRUCTURE EXCAVATION	CU YD	260	260			
50300225	CONCRETE STRUCTURES	CU YD	734.5	734.5			
50300255	CONCRETE SUPERSTRUCTURE	CU YD	1492	1492			
50300300	PROTECTIVE COAT	SQ YD	5950	5950			
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	116.2	116.2			
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1	1			
50500505	STUD SHEAR CONNECTORS	EACH	15144	15144			
50800105	REINFORCEMENT BARS	POUND	70590		70590		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1085080	1082660	2420		
50800515	BAR SPLICERS	EACH	972	972			

80% FED
20% STATE

MODEL: Default
FILE: Model: P:\ILLINOIS\BID\DOT\Documents\DOT Office\Director\B\Projects\0876887\CADDData\CAD\Revised\0876887-rpt-500.dgn

USER NAME = freimthpd	DESIGNED -	REVISED -
PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 8/17/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 4 OF 11 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	6
			CONTRACT NO. 76887	
ILLINOIS FED. AID PROJECT				

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				BRIDGE	BOX CULVERT	BOX CULVERT	RIGHT TURN LANE
				0010 S.N. 014-0080	0010 S.N. 014-2025	0004 S.N. 014-2454	0004 RURAL
51500100	NAME PLATES	EACH	2	1	1		
* 51603000	DRILLED SHAFT IN SOIL	CU YD	929.5	929.5			
* 51604000	DRILLED SHAFT IN ROCK	CU YD	334.6	334.6			
52000110	PREFORMED JOINT STRIP SEAL	FOOT	49	49			
52100110	FURNISHING ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	36	36			
52100120	FURNISHING ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	6	6			
52100505	ANCHOR BOLTS, 5/8"	EACH	24	24			
52100520	ANCHOR BOLTS, 1"	EACH	36	36			
52100530	ANCHOR BOLTS, 1 1/4"	EACH	24	24			
52100540	ANCHOR BOLTS, 1 1/2"	EACH	24	24			
52100560	ANCHOR BOLTS, 2"	EACH	12	12			
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2	2			
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	2		2		
54001003	BOX CULVERT END SECTIONS, CULVERT NO. 3	EACH	2	2			

* SPECIALTY ITEM

MODEL: Default
FILE: Model - P:\ILLINOIS\BID\NTEC\Illinois\poc\p\WIDOT\Documents\DOT_Offices\Director_B\Projects\0876887\CADD\DATA\CAD\Revised\0876887-rpt-500.dgn

USER NAME = freimuthpd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/17/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 11 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	7
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				BRIDGE	BOX CULVERT	BOX CULVERT	RIGHT TURN LANE
				0010 S.N. 014-0080	0010 S.N. 014-2025	0004 S.N. 014-2454	0004 RURAL
			80% FED 20% STATE				
54003000	CONCRETE BOX CULVERTS	CU YD	358.5		358.5		
54010303	PRECAST CONCRETE BOX CULVERTS 3' X 3'	FOOT	138	138			
54010402	PRECAST CONCRETE BOX CULVERTS 4' X 2'	FOOT	76	76			
54011006	PRECAST CONCRETE BOX CULVERTS 10' X 6'	FOOT	80			80	
542C0241	PIPE CULVERTS, CLASS C, TYPE 1 36"	FOOT	57	57			
542C1069	PIPE CULVERTS, CLASS C, TYPE 2 24"	FOOT	87	87			
542C1081	PIPE CULVERTS, CLASS C, TYPE 2 36"	FOOT	99	99			
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	192	192			
542D1060	PIPE CULVERTS, CLASS D, TYPE 2 15"	FOOT	41	41			
542D1075	PIPE CULVERTS, CLASS D, TYPE 2 30"	FOOT	52	52			
54213450	END SECTIONS 15"	EACH	12	12			
54213459	END SECTIONS 24"	EACH	2	2			
54213465	END SECTIONS 30"	EACH	2	2			
54213471	END SECTIONS 36"	EACH	4	4			

MODEL: Default
 FILE: \\msc01\p01\ulb08\BEBID\NTEC\Illinois\p01\p01\DOT\Documents\DOT - Offices\Director\B\Projects\0876887\CADDData\CAD\Revised\0876887-rpt-500.dgn

USER NAME = freimuthpd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/17/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	8
			CONTRACT NO. 76887	
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
 FILE: Model - Project\B&E\BIDD\ITEC\Illinois\poc\p\WIDOT\Documents\DOT_Offices\Director_B\Projects\0876887\CADDData\CAD\poc\0876887-rpt-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				BRIDGE	BOX CULVERT	BOX CULVERT	RIGHT TURN LANE
				0010 S.N. 014-0080	0010 S.N. 014-2025	0004 S.N. 014-2454	0004 RURAL
				80% FED 20% STATE			
58700300	CONCRETE SEALER	SQ FT	2517	2517			
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	161	161			
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	87.5	87.5			
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	3793.75	3793.75			
* 63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	FOOT	43.75	43.75			
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4			
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	10	10			
63200310	GUARDRAIL REMOVAL	FOOT	2288	2288			
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	11578	11578			
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	58	58			
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	10	10			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	18			
67100100	MOBILIZATION	L SUM	1	1			
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1			

* SPECIALTY ITEM

USER NAME = freimuthpd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/17/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	9
			CONTRACT NO. 76887	
		ILLINOIS FED. AID PROJECT		

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				BRIDGE	BOX CULVERT	BOX CULVERT	RIGHT TURN LANE
				0010 S.N. 014-0080	0010 S.N. 014-2025	0004 S.N. 014-2454	0004 RURAL
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1			
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1			
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1			
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DAY	14	14			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	959	942			17
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	320	314			6
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	109	77.8			31.2
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	23678	23420			258
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	97	97			
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	360	360			
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	58	58			
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	8	8			
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	84	84			
* 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	35	35			

* SPECIALTY ITEM

MODEL: Default
 FILE: Model_Plan\ILLINOIS\BID\NTEC\Illinois\proj\WIDOT\Documents\DOT_Offices\Director_B\Projects\0876887\CADDData\CAD\revised\0876887-rpt-SC00.dgn

USER NAME = freimuthpd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/17/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	10
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				BRIDGE	BOX CULVERT	BOX CULVERT	RIGHT TURN LANE
				0010 S.N. 014-0080	0010 S.N. 014-2025	0004 S.N. 014-2454	0004 RURAL
* 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	8	8			
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	60	60			
* 72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	35	35			
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	10	10			
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	208	208			
* 73000100	WOOD SIGN SUPPORT	FOOT	160	160			
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	109	77.8			31.2
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	21131	20873			258
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	97	97			
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	360	360			
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	58	58			
* 78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	2547	2547			
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	143	138			5
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	40	40			

* SPECIALTY ITEM

MODEL: Default
FILE: Model_Plan\ILLINOIS\BID\NTEC\Illinois\poc\p\WIDOT\Documents\DOT_Offices\Director_B\Projects\0876887\CADDData\CAD\poc\res\0876887-rpt-500.dgn

USER NAME = freimuthpd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/17/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	11
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

1 | STA. 693+10.00 TO STA. 705+33.79
 STA. 759+00.00 TO STA. 765+70.00

2 | STA. 695+56.00 TO STA. 699+85.00
 STA. 754+30.00 TO STA. 759+82.00
 STA. 760+31.00 TO STA. 765+70.00

STRUCTURAL DESIGN TRAFFIC:	Year 2038		
	PV = 7,491	SU = 552	MU = 326
ROAD/STREET CLASSIFICATION:	Class II		
	P = 50%	S = 50%	M = 50%
TRAFFIC FACTOR:	Actual TF = 1.89	Minimum TF = 3.17	
PG GRADE:	Binder = 64-22	Surface = 76-22	
SUBGRADE SUPPORTING RATE:	SSR = POOR (Sta. 693+10 to Sta. 765+70)		

STA. 716+40.36 TO STA. 724+64.75
 STA. 735+65.89 TO STA. 741+78.33
 STA. 742+81.24 TO STA. 751+18.74

**PROPOSED TYPICAL SECTION
 FAP 805 (ILLINOIS 161)**

STA. 693+10.00 TO STA. 708+08.58
 STA. 719+46.61 TO STA. 724+37.49
 STA. 735+69.65 TO STA. 765+70.00

STA. 714+41.77 TO STA. 724+41.77
 STA. 735+42.79 TO STA. 737+55.23
 STA. 737+94.47 TO STA. 741+94.47
 STA. 742+43.74 TO STA. 749+31.24

4 | STA. 708+08.58 TO STA. 711+48.62 TAPERS FROM 0' TO 6'
 STA. 716+46.61 TO STA. 719+46.61 TAPERS FROM 6' TO 0'

3 | STA. 708+08.58 TO STA. 709+08.58 TAPERS FROM 0' TO 6'
 STA. 716+46.61 TO STA. 719+46.61 TAPERS FROM 6' TO 0'

**PROPOSED TYPICAL SECTION
 FAP 805 (ILLINOIS 161)**

STA. 708+08.58 TO STA. 714+94.44

9 | STA. 714+94.44 TO STA. 716+40.36 12' WIDE
 STA. 716+40.36 TO STA. 719+46.61 TAPERS FROM 12' TO 0'

**PROPOSED TYPICAL SECTION
 FAP 805 (ILLINOIS 161)**

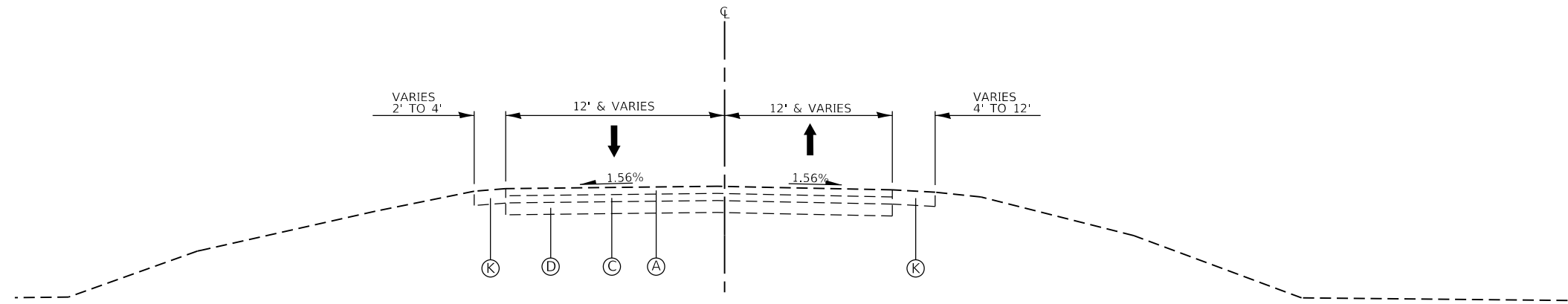
STA. 714+94.44 TO STA. 719+46.61

- 5 | STA. 714+36.29 4' WIDE
 STA. 714+66.77 TO STA. 714+91.77 TAPERS 4' TO 2'
 STA. 737+20.04 TO STA. 737+30.23 TAPERS 2' TO 4'
 STA. 738+19.47 TO STA. 737+44.47 TAPERS 4' TO 2'
 STA. 741+44.47 TO STA. 741+69.47 TAPERS 2' TO 4'
 STA. 742+68.74 TO STA. 742+93.74 TAPERS 4' TO 2'
 STA. 747+81.24 TO STA. 748+06.24 TAPERS 2' TO 4'
 STA. 749+41.24 TO STA. 749+65.24 TAPERS 4' TO 0'
- 6 | STA. 716+06.36 TO STA. 716+30.36 TAPERS 0' TO 4'
 STA. 716+65.55 TO STA. 716+90.38 TAPERS 4' TO 2'
 STA. 741+28.33 TO STA. 741+53.33 TAPERS 2' TO 4'
 STA. 743+06.24 TO STA. 743+31.24 TAPERS 4' TO 2'
 STA. 747+93.74 TO STA. 748+18.74 TAPERS 2' TO 4'
 STA. 748+68.74 TO STA. 748+93.74 TAPERS 4' TO 2'
 STA. 750+68.74 TO STA. 750+93.74 TAPERS 2' TO 4'
 STA. 751+28.74 TO STA. 751+52.74 TAPERS 4' TO 0'
- 7 | STA. 721+59.15 TO STA. 723+79.15 TAPERS 4' TO 8'
 STA. 736+05.29 TO STA. 738+25.29 TAPERS 8' TO 4'
- 8 | STA. 721+82.25 TO STA. 724+02.25 TAPERS 4' TO 8'
 STA. 736+20.00 TO STA. 738+48.39 TAPERS 8' TO 4'

PROPOSED

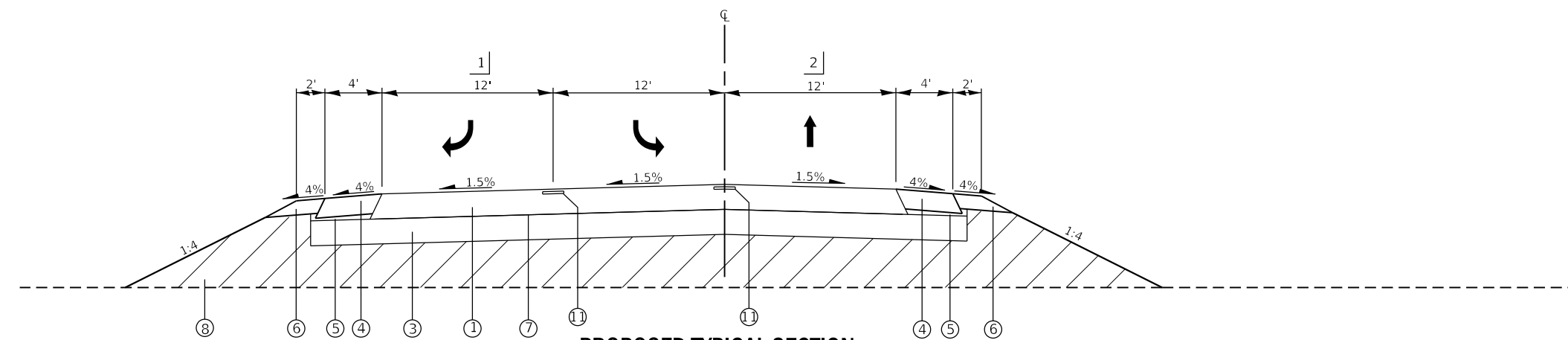
- ① HMA (FULL-DEPTH), 11"
 HMA SURFACE COURSE, 2"
 HMA BINDER COURSE, 9"
 BITUMINOUS MATERIALS (TACK COAT) - 3 LIFTS
- ② HMA (FULL-DEPTH), 8"
 HMA SURFACE COURSE, 2"
 HMA BINDER COURSE, 6"
 BITUMINOUS MATERIALS (TACK COAT) - 2 LIFTS
- ③ SUBBASE GRANULAR MATERIAL, TYPE A 12"
- ④ HMA SHOULDER 8"
- ⑤ SUBBASE GRANULAR MATERIAL, TYPE C
- ⑥ AGGREGATE SHOULDER, TYPE B 6"
- ⑦ BITUMINOUS MATERIALS (PRIME COAT)
- ⑧ EARTH EMBANKMENT
- ⑨ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT OR
 9 FOOT POSTS OR TRAFFIC BARRIER TERMINAL
- ⑩ RUMBLE STRIPS, 8 INCH
- ⑪ LONGITUDINAL JOINT SEALANT (APPLIED PRIOR TO FINAL LIFT)

FILE NAME = D876887-sht-typical.dgn	USER NAME = fremthd	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 161 PROPOSED TYPICAL SECTIONS			F.A.P. RTE. 805	SECTION 7BR, 7BR-1	COUNTY CLINTON	TOTAL SHEETS 259	SHEET NO. 15	
Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -		SCALE: 1" = 10'	SHEET 2 OF 4 SHEETS	STA.	TO STA.	CONTRACT NO. 76887				
	PLOT DATE = 8/17/2018	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



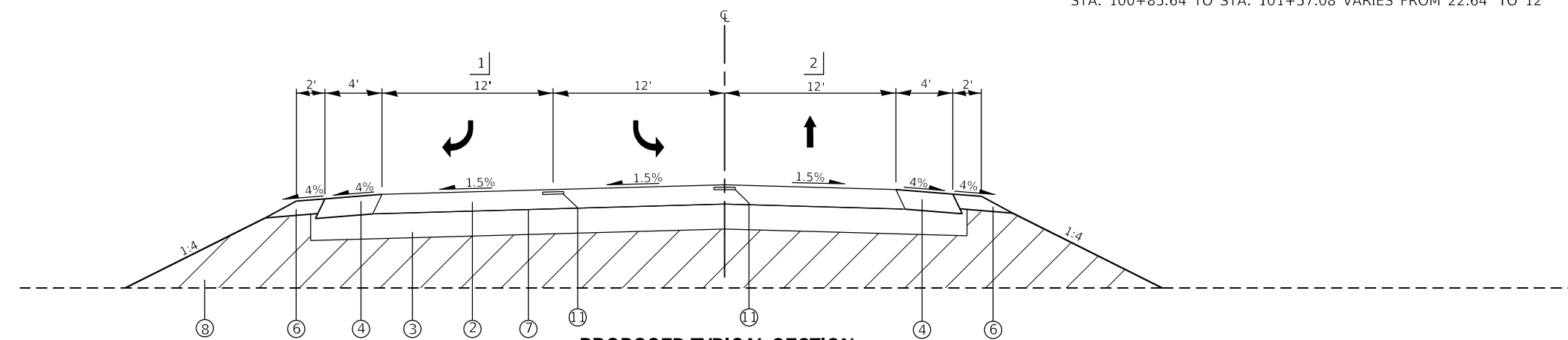
**EXISTING TYPICAL SECTION
FAS ROUTE 1784 (SHATTUC ROAD)**

STA. 101+05.15 TO STA. 103+80.00



**PROPOSED TYPICAL SECTION
FAS ROUTE 1784 (SHATTUC ROAD)**

STA. 100+18.01 TO STA. 100+85.64



**PROPOSED TYPICAL SECTION
FAS ROUTE 1784 (SHATTUC ROAD)**

STA. 100+85.64 TO STA. 103+80.00

EXISTING

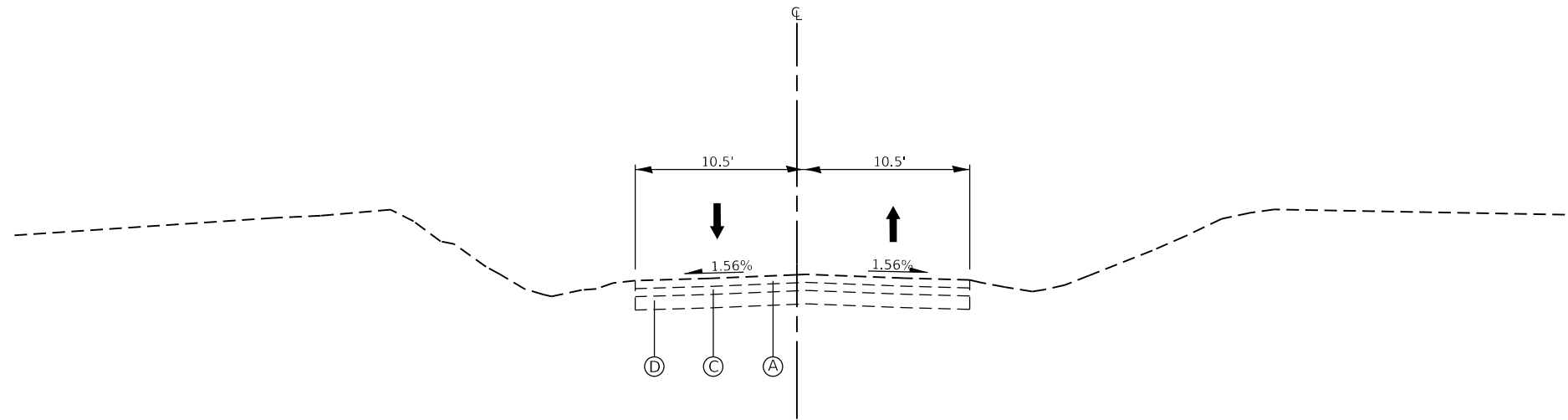
- (A) HMA SURFACE COURSE 1.5"
- (B) LEVELING BINDER 0.75"
- (C) HMA BINDER COURSE 1.5"
- (D) HMA BASE COURSE 10"
- (E) HMA RESURFACING 2.75"
- (F) EX. 9"-6"-9" PAVEMENT
- (G) HMA BASE COURSE WIDENING 8"
- (H) EX. PCC BASE COURSE WIDENING 4.75
- (I) HMA SHOULDERS 6"
- (J) AGGREGATE WEDGE SHOULDER, TYPE B
- (K) AGGREGATE SHOULDER, TYPE A 6"
- (L) EX. GUARDRAIL

PROPOSED

- ① HMA (FULL-DEPTH), 11"
HMA SURFACE COURSE, 2"
HMA BINDER COURSE, 9"
BITUMINOUS MATERIALS (TACK COAT) - 3 LIFTS
- ② HMA (FULL-DEPTH), 8"
HMA SURFACE COURSE, 2"
HMA BINDER COURSE, 6"
BITUMINOUS MATERIALS (TACK COAT) - 2 LIFTS
- ③ SUBBASE GRANULAR MATERIAL, TYPE A 12"
- ④ HMA SHOULDER 8"
- ⑤ SUBBASE GRANULAR MATERIAL, TYPE C
- ⑥ AGGREGATE SHOULDER, TYPE B 6"
- ⑦ BITUMINOUS MATERIALS (PRIME COAT)
- ⑧ EARTH EMBANKMENT
- ⑨ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT OR
9 FOOT POSTS OR TRAFFIC BARRIER TERMINAL
- ⑩ RUMBLE STRIPS, 8 INCH
- ⑪ LONGTUDINAL JOINT SEALANT (APPLIED PRIOR TO FINAL LIFT)

- 1 STA. 100+18.01 TO STA. 100+85.64 VARIES FROM 140.31' TO 12'
STA. 101+91.66 TO STA. 103+71.82 TAPERS FROM 12' TO 0'
- 2 STA. 100+18.01 TO STA. 100+85.64 VARIES FROM 79.67' TO 22.46'
STA. 100+85.64 TO STA. 101+57.08 VARIES FROM 22.64' TO 12'

FILE NAME = D876887-sht-typical.dgn	USER NAME = freimthpd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHATTUC ROAD PROPOSED TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -		SCALE: 1" = 10'	SHEET 3 OF 4 SHEETS	STA.	TO STA.	805	7BR, 7BR-1	CLINTON	259	16
	PLOT DATE = 8/17/2018	CHECKED -	REVISED -		CONTRACT NO. 76887								
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

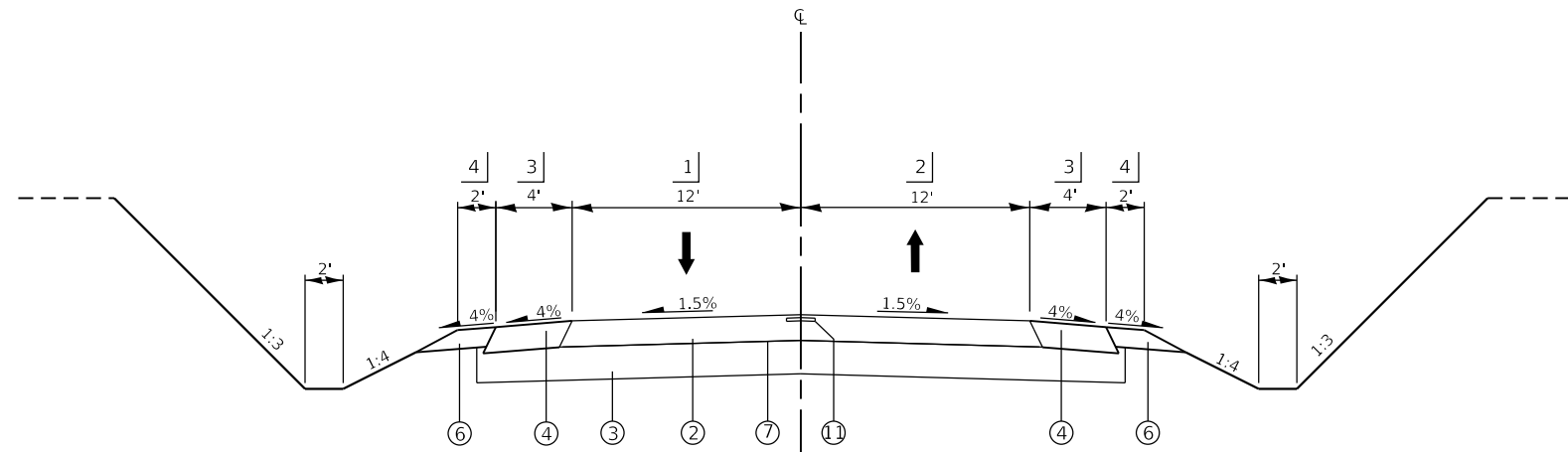


**EXISTING TYPICAL SECTION
CH 18 (NOLTINGS ROAD)**

STA. 200+12.02 TO STA. 202+60.00

EXISTING

- (A) HMA SURFACE COURSE 1.5"
- (B) LEVELING BINDER 0.75"
- (C) HMA BINDER COURSE 1.5"
- (D) HMA BASE COURSE 10"
- (E) HMA RESURFACING 2.75"
- (F) EX. 9"-6"-9" PAVEMENT
- (G) HMA BASE COURSE WIDENING 8"
- (H) EX. PCC BASE COURSE WIDENING 4.75
- (I) HMA SHOULDERS 6"
- (J) AGGREGATE WEDGE SHOULDER, TYPE B
- (K) AGGREGATE SHOULDER, TYPE A 6"
- (L) EX. GUARDRAIL



**PROPOSED TYPICAL SECTION
CH 18 (NOLTINGS ROAD)**

STA. 200+12.02 TO STA. 202+60.00

PROPOSED

- ① HMA (FULL-DEPTH), 11"
HMA SURFACE COURSE, 2"
HMA BINDER COURSE, 9"
BITUMINOUS MATERIALS (TACK COAT) - 3 LIFTS
- ② HMA (FULL-DEPTH), 8"
HMA SURFACE COURSE, 2"
HMA BINDER COURSE, 6"
BITUMINOUS MATERIALS (TACK COAT) - 2 LIFTS
- ③ SUBBASE GRANULAR MATERIAL, TYPE A 12"
- ④ HMA SHOULDER 8"
- ⑤ SUBBASE GRANULAR MATERIAL, TYPE C
- ⑥ AGGREGATE SHOULDER, TYPE B 6"
- ⑦ BITUMINOUS MATERIALS (PRIME COAT)
- ⑧ EARTH EMBANKMENT
- ⑨ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT OR 9 FOOT POSTS OR TRAFFIC BARRIER TERMINAL
- ⑩ RUMBLE STRIPS, 8 INCH
- ⑪ LONGITUDINAL JOINT SEALANT (APPLIED PRIOR TO FINAL LIFT)

- 1] STA. 200+12.02 TO STA. 201+05.92 VARIES FROM 151.34' TO 12'
STA. 202+00.00 TO STA. 202+60.00 TAPERS FROM 12' TO 10'
- 2] STA. 200+12.02 TO STA. 201+44.32 VARIES FROM 103.00' TO 12'
STA. 202+00.00 TO STA. 202+60.00 TAPERS FROM 21' TO 11'
- 3] STA. 201+60.00 TO STA. 202+00.00 TAPERS FROM 4' TO 2'
STA. 202+00.00 TO STA. 202+60.00 - 0'
- 4] STA. 201+60.00 TO STA. 202+60.00 TAPERS FROM 2' TO 1'

FILE NAME = D876887-sht-typical.dgn	USER NAME = freimuthpd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NOLTINGS ROAD TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -					805	7BR, 7BR-1	CLINTON	259	17
Default	PLOT DATE = 8/17/2018	DATE -	REVISED -		SCALE: 1" = 10'	SHEET 4 OF 4 SHEETS	STA.	TO STA.	CONTRACT. NO. 76887			
ILLINOIS FED. AID PROJECT												

GUARDRAIL SCHEDULE											
LOCATION			ROAD SIDE	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 FOOT	STEEL PLATE BEAM GUARDRAIL TYPE A, 6' POST FOOT	STEEL PLATE BEAM GUARDRAIL TYPE A, 9' POST FOOT	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT EACH	TRAFFIC BARRIER TERMINAL, TYPE 6 EACH	GUARDRAIL REFLECTORS, TYPE A, CRYSTAL EACH	TERMINAL MARKERS DIRECT APPLIED EACH	
STA	TO	STA									
IL 161											
714+41.77	TO	724+41.77	RT			912.5	1	1	7	1	
716+40.36	TO	716+95.51	LT			6.25	1			1	
716+95.51	TO	717+40.18	LT	43.75					6		
717+40.18	TO	724+64.75	LT			687.5		1			
735+42.79	TO	737+55.23	RT			125.0	1	1	4	1	
735+65.89	TO	741+78.33	LT			525.0	1	1	6	1	
737+94.47	TO	741+94.47	RT			300.0	2		5	2	
742+43.74	TO	748+06.24	RT			512.5	1			1	
748+06.24	TO	748+43.74	RT		37.5				6		
748+43.74	TO	749+31.24	RT			37.5	1			1	
742+81.24	TO	748+18.74	LT			487.5	1		6	1	
748+18.74	TO	748+68.74	LT		50.0						
748+68.74	TO	751+18.74	LT			200.0	1			1	
TOTAL					43.75	87.5	3793.75	10	4	40	10

GUARDRAIL REMOVAL SCHEDULE				
LOCATION			ROAD SIDE	GUARDRAIL REMOVAL FOOT
STA	TO	STA		
IL 161				
714+45	TO	719+70	RT	525
725+78	TO	727+90	RT	213
726+40	TO	727+90	LT	150
734+33	TO	735+83	RT	150
734+33	TO	736+46	LT	213
745+00	TO	750+13	RT	513
746+45	TO	751+70	LT	525
TOTAL				2288

BARRIER WALL MARKERS				
LOCATION			ROAD SIDE	TYPE C (EACH)
STA	TO	STA		
IL 161				
724+66.34	TO	735+40.80	RT	14
724+66.34	TO	735+40.80	LT	14
TOTAL				28

PIPE CULVERT SCHEDULE												
LOCATION	ROAD SIDE	PIPE CULVERT REMOVAL (FOOT)	PIPE CULVERTS CLASS D, TYPE 1, 15" (FOOT)	PIPE CULVERTS CLASS D, TYPE 2, 15" (FOOT)	END SECTIONS 15" (EACH)	PIPE CULVERTS CLASS C, TYPE 2, 24" (FOOT)	END SECTIONS 24" (EACH)	PIPE CULVERTS CLASS D, TYPE 2, 30" (FOOT)	END SECTIONS 30" (EACH)	PIPE CULVERTS CLASS C, TYPE 1, 36" (FOOT)	PIPE CULVERTS CLASS C, TYPE 2, 36" (FOOT)	END SECTIONS 36" (EACH)
IL 161												
694+00	LT	31	42		2							
695+55	RT/LT	67								57		2
698+06	LT	28	37		2							
701+51	LT	23	28		2							
703+99	LT	23	32		2							
705+59	LT	40	53		2							
737+75	RT	31		41	2							
741+37	RT/LT	79				87	2					
742+27	RT	32						52	2			
755+99	RT/LT	65								99		2
TOTAL		419	192	41	12	87	2	52	2	57	99	4

TRENCH BACKFILL SCHEDULE	
LOCATION	TRENCH BACKFILL (CU YD)
IL 161	
695+55	42.4
741+37	89.7
755+99	92.0
TOTAL	224

SCOUR HOLE REPAIR SCHEDULE			
LOCATION			STONE DUMPED RIPRAP, CLASS A5 TON
STA	TO	STA	
CHANNEL CL			
01+05.00	TO	01+10.00	44
01+10.00	TO	01+20.00	123
01+20.00	TO	01+30.00	223
01+30.00	TO	01+40.00	286
01+40.00	TO	01+50.00	286
01+50.00	TO	01+60.00	237
01+60.00	TO	01+70.00	160
01+70.00	TO	01+80.00	94
01+80.00	TO	01+90.00	54
01+90.00	TO	01+95.00	16
SUBTOTAL			1525
TOTAL			1525

PRECAST BOX CULVERT SCHEDULE							
LOCATION	PRECAST CONCRETE BOX CULVERT 3'X3' (FOOT)	PRECAST CONCRETE BOX CULVERT 10'X6' (FOOT)	PRECAST CONCRETE BOX CULVERT 4'X2' (FOOT)	BOX CULVERT END SECTIONS, CULVERT NO. 1 (EACH)	BOX CULVERT END SECTIONS, CULVERT NO. 2 (EACH)	BOX CULVERT END SECTIONS, CULVERT NO. 3 (EACH)	POROUS GRANULAR EMBANKMENT (TON)
IL 161							
707+47.87	138			2			0.00
717+20.20		80.00			2		1556.00
760+20.43			76			2	258.00
TOTAL	138	80	76	2	2	2	1814

RIPRAP				
LOCATION	ROAD SIDE	AREA SQ FT	FILTER FABRIC SQ YD	STONE RIPRAP CLASS A4 SQ YD
IL 161				
695+55	RT	200	22.2	22.2
707+00	RT	270	30.0	30.0
756+00	LT	250	27.8	27.8
760+00	LT	180	20.0	20.0
TOTAL			100	100

ENTRANCE SCHEDULE							
LOCATION	TYPE	CLASS	AGGREGATE FOR TEMPORARY ACCESS (TON)	AGGREGATE BASE COURSE, TYPE B 6" (SQ YD)	BITUMINOUS MATERIALS (PRIME COAT) (POUND)	INCIDENTAL HMA SURFACING (TON)	PCC DRIVEWAY PAVEMENT, 8" (SQ YD)
IL 161							
793+47	RT	HMA	PE	29.4	83.9	188.8	16.4
694+00	LT	AGG	FE	41.5	118.6		
698+06	LT	AGG	PE	27.4	78.2		
699+73	LT	AGG	PE	18.4	52.6		
700+18	RT	CONC	CE	62.1			177.5
701+51	LT	AGG	PE	16.8	48.1		
703+99	LT	AGG	PE	20.1	57.4		
705+59	LT	AGG	PE	44.4	126.8		
714+27	RT	AGG	FE	54.2	155.0		
737+75	RT	AGG	FE	26.7	76.3		
742+27	RT	AGG	FE	70.2	200.7		
742+27	LT	AGG	FE	94.6	270.3		
SUBTOTAL				506	1268	189	16

MODEL: Default
FILE: \\hpc\p01\B&E\IDNT\EC\Illinois\p01\76887\CADD\DATA\CAD\p01\76887-rt-rhs-schedule.dgn

USER NAME = freimuthpd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/17/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	20
CONTRACT NO. 76887				
		ILLINOIS	FED. AID PROJECT	

RIGHT-OF-WAY SCHEDULE					
LOCATION	STATION	OFFSET	DIRECTION	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	RIGHT-OF-WAY AND PROPERTY CORNERS
IL 161	693+35.18	50.47	RT		1
IL 161	693+68.18	50.45	RT		1
IL 161	693+99.60	49.51	LT		1
IL 161	695+52.77	49.48	LT	1	
IL 161	695+52.82	50.52	RT	1	
IL 161	698+50.00	50.41	RT	1	
IL 161	699+00.00	40.40	RT	1	
IL 161	700+09.48	49.61	LT	1	
IL 161	700+63.20	40.39	RT		1
IL 161	700+61.18	54.61	LT	1	
IL 161	702+00.00	40.40	RT	1	
IL 161	702+64.64	54.59	LT	1	
IL 161	703+00.00	49.58	LT	1	
IL 161	703+30.00	70.43	RT	1	
IL 161	703+91.07	70.44	RT	1	
IL 161	705+46.53	49.49	LT		1
IL 161	705+80.34	70.53	RT	1	
IL 161	705+96.47	49.47	LT	1	1
IL 161	706+50.00	70.53	RT	1	
IL 161	707+25.00	85.53	RT	1	
IL 161	707+75.00	69.48	LT	1	
IL 161	708+25.00	85.52	RT	1	
IL 161	709+00.00	75.51	RT	1	
IL 161	712+75.00	69.52	LT	1	
SHATTUC ROAD	101+00.00	75.00	LT	1	
SHATTUC ROAD	103+29.84	50.95	LT	1	
IL 161	714+18.49	75.47	RT	1	1
IL 161	716+50.00	75.45	RT	1	
IL 161	716+50.00	130.45	RT	1	
IL 161	717+55.00	75.44	RT	1	
IL 161	717+55.00	130.44	RT	1	
IL 161	718+00.00	50.44	RT	1	
IL 161	723+00.00	50.39	RT	1	
IL 161	724+00.00	60.39	RT	1	1
IL 161	725+00.00	60.38	RT	1	1
IL 161	726+00.00	40.37	RT	1	1
IL 161	726+35.78	40.36	RT	1	1
IL 161	728+49.67	40.35	RT	1	1
IL 161	734+00.00	39.70	LT	1	
IL 161	734+00.00	40.30	RT	1	1
IL 161	735+20.00	59.71	LT	1	
IL 161	735+20.00	60.29	RT	1	1
IL 161	737+00.00	59.72	LT	1	
IL 161	737+66.15	50.27	RT	1	1
IL 161	737+66.69	60.27	RT	1	1
IL 161	738+00.00	54.73	LT	1	
IL 161	738+10.17	50.27	RT	1	1
IL 161	739+00.00	40.26	RT	1	
IL 161	740+53.58	54.75	LT	1	
IL 161	740+90.00	40.25	RT	1	
IL 161	742+01.79	85.24	RT	1	1
IL 161	742+28.07	85.23	RT	1	1
IL 161	747+50.00	54.81	LT	1	
IL 161	750+50.00	74.83	LT	1	
IL 161	752+90.65	75.15	RT	1	
IL 161	753+06.34	90.13	RT	1	
IL 161	753+11.69	205.00	RT	1	
IL 161	753+33.80	249.85	RT	1	
IL 161	753+72.68	74.86	LT	1	1
IL 161	753+84.82	253.27	RT	1	
IL 161	753+98.03	205.05	RT	1	
IL 161	753+93.74	90.13	RT	1	
IL 161	754+08.18	75.14	RT	1	
IL 161	757+00.00	74.89	LT	1	
IL 161	759+00.00	64.90	LT	1	
IL 161	760+99.83	64.92	LT	1	
TOTAL QUANTITY				58	20

PERMANENT SURVEY MARKERS, TYPE 1				
LOCATION	STATION	OFFSET	DESCRIPTION	EACH
IL 161	692+00.00	0	POT (Begin Construction)	1
IL 161	695+15.26	0	PC	1
IL 161	706+08.57	0	PT	1
IL 161 @ SHATTUC ROAD	714+15.36=100+00.00	0	INT. IL 161 @ Shattuc Rd	1
SHATTUC ROAD	105+00.00	0	POT	1
IL 161 @ NOLTINGS ROAD	753+45.08=200+00.00	0	INT. IL 161 @ Noltings Rd	1
NOLTINGS ROAD	203+58.59	0	PC	1
NOLTINGS ROAD	204+81.74	0	PT	1
NOLTINGS ROAD	205+76.27	0	POT	1
IL 161	766+42.39	0	POT (End Construction)	1
Total Quantity				10

SIGN SCHEDULE									
LOCATION	ROAD SIDE	WOOD SIGN SUPPORT	TELESCOPING STEEL SIGN SUPPORT	REMOVE SIGN PANEL ASSEMBLY - TYPE B	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	REMOVE SIGN PANEL - TYPE 1	RELOCATE SIGN PANEL - TYPE 1	REMOVE SIGN PANEL - TYPE 2	RELOCATE SIGN PANEL - TYPE 2
IL 161									
706+30	RT	16		1	1				
707+15	LT		15			6.3	6.3		
711+48	RT	31						17.5	17.5
711+65	LT		14			5.0	5.0		
714+10	RT	26		1	1				
716+36	RT		16			5.0	5.0		
716+95	LT	35						17.5	17.5
720+95	LT	18		1	1				
724+55	LT		15			3.0	3.0		
726+40	RT		16			6.0			
727+80	RT		16			3.8	3.8		
734+50	LT		16			3.8	3.8		
735+80	LT		16			6.0			
742+95	RT		15			2.3	2.3		
746+65	RT	18		1	1				
748+00	RT		16			6.0			
748+70	LT		16			6.0			
760+50	LT	16		1	1				
SHATTUC ROAD									
100+61	RT		15	1	1				
100+61	RT		14			9.0	9.0		
100+61	LT		14			9.0	9.0		
101+55	RT		14			4.0	4.0		
NOLTINGS ROAD									
200+31	LT		15	1	1				
200+35	LT		14			9.0	9.0		
201+53	RT		15	1	1				
TOTAL		160	272	8	8	84.0	60.0	35.0	35.0

TREE REMOVAL				
LOCATION		ROAD SIDE	TREE REMOVAL (ACRES)	
STA	TO	RT/LT		
IL 161				
702+64	TO	706+87	RT	0.13
707+15	TO	710+15	RT	0.10
724+00	TO	736+00	RT	0.80
737+44	TO	738+10	RT	0.02
740+90	TO	742+55	RT	0.18
746+90	TO	748+42	RT	0.05
762+00	TO	764+40	RT	0.13
SHATTUC ROAD				
100+93	TO	103+00	LT	0.05
	TO			
TOTAL				1.5

MODEL: Default
 FILE: \\m10108\B&E\BID\NTEC\Illinois\pvt\PIWDOT\Documents\BIDD\Office\BID\76887\CADD\DATA\CAD\PROJECTS\0876887-rh-rs-schedule.dgn

USER NAME = freimuthpd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/17/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	21
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE C-1
 PI STA. = 700+61.95
 $\Delta = 1^{\circ} 23' 32''$ (RT)
 $D = 0^{\circ} 07' 38''$
 $R = 44,990.35'$
 $L = 546.68'$
 $E = 1,095.31'$
 $e = 3.32'$
 T.P.C. STA. = 695+15.26
 P.C. STA. = 695+15.26
 P.T. STA. = 706+08.57

ALIGNMENT COORDINATES - IL 161			
	STATION	N	E
POB	679+88.50	681,901.9843	570,024.8373
PC	695+15.26	681,863.8675	571,551.1305
PI	700+61.95	681,850.2192	572,097.6410
PT	706+08.57	681,823.2956	572,643.6586
POT	766+42.39	681,526.1347	578,670.1498

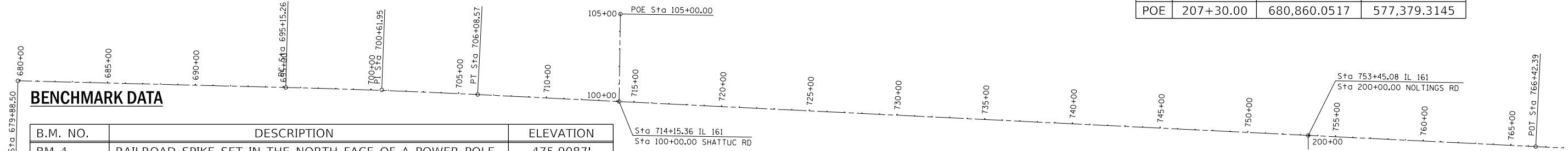
ALIGNMENT COORDINATES - SHATTUC ROAD			
	STATION	N	E
POB	100+00.00	681,783.5619	573,449.4667
POE	105+00.00	682,283.5108	573,456.6155

ALIGNMENT COORDINATES - NOLTINGS ROAD			
	STATION	N	E
POB	200+00.00	681,590.0265	577,374.4094
PC	203+58.59	681,231.4355	577,375.4240
PI	204+20.16	681,169.8633	577,375.5982
PT	204+81.74	681,108.2982	577,376.5524
PC	205+76.26	681,013.7846	577,378.0173
PI	206+27.96	680,962.0882	577,378.8186
PT	206+79.66	680,910.3862	577,379.0698
POE	207+30.00	680,860.0517	577,379.3145



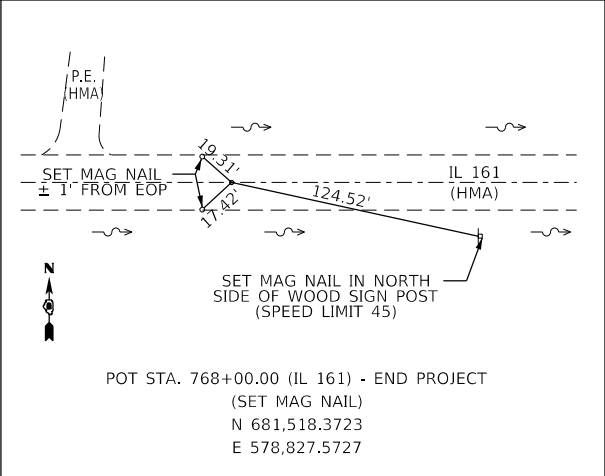
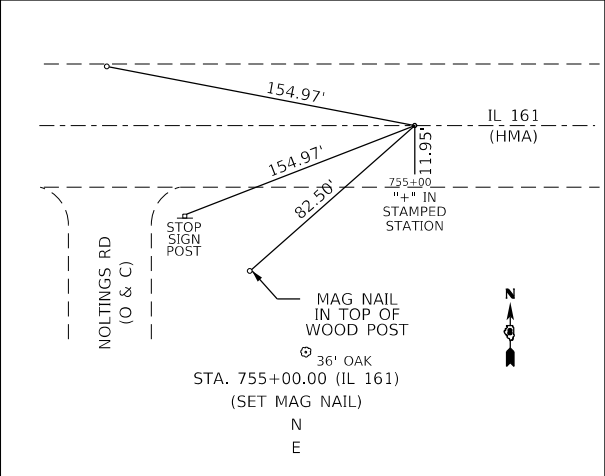
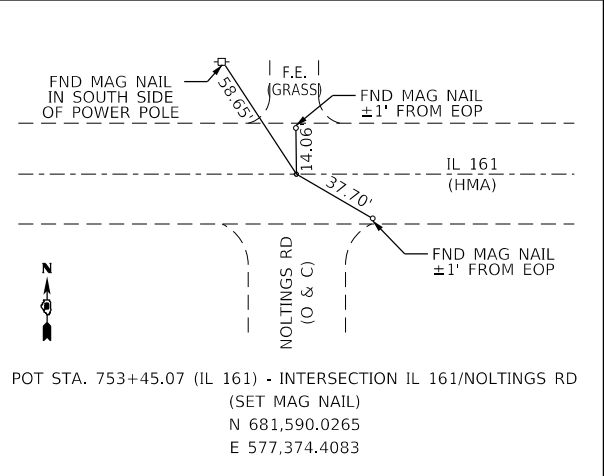
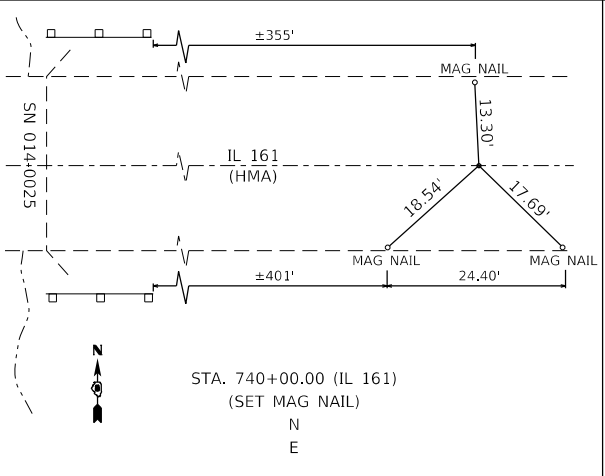
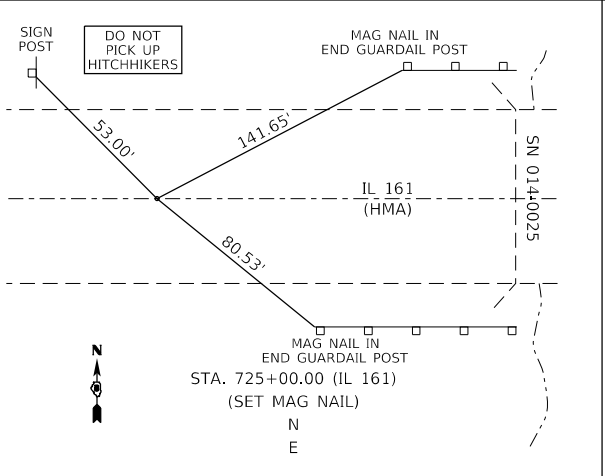
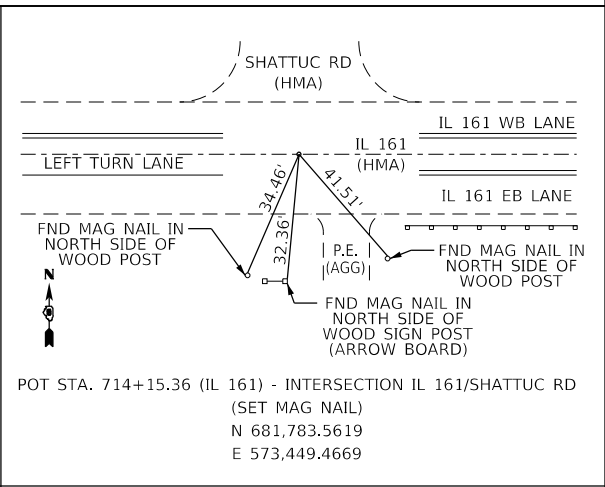
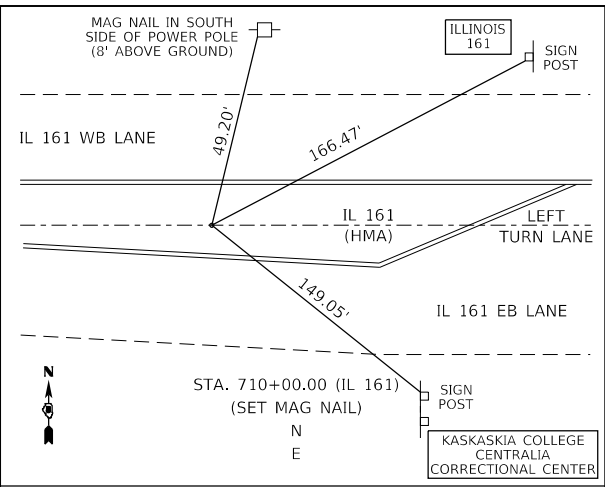
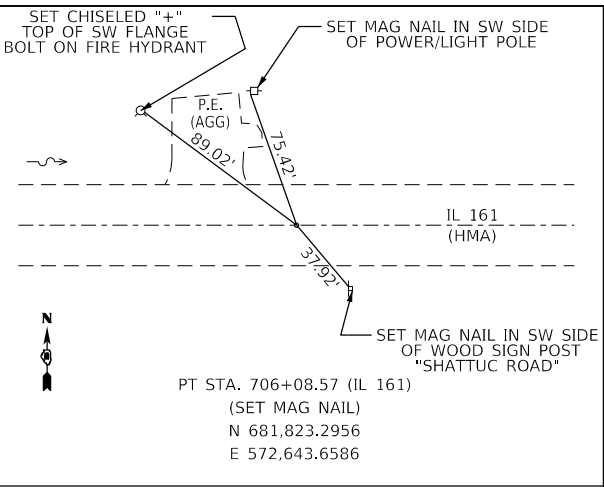
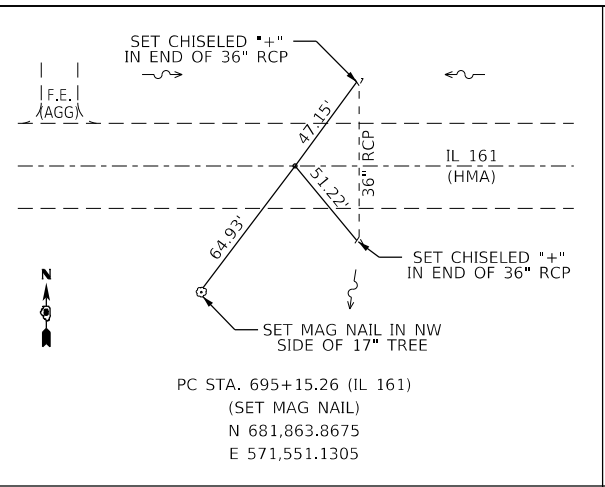
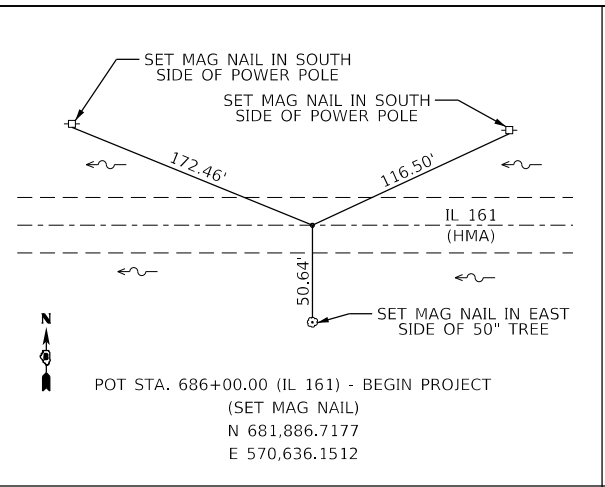
BENCHMARK DATA

B.M. NO.	DESCRIPTION	ELEVATION
BM 4	RAILROAD SPIKE SET IN THE NORTH FACE OF A POWER POLE APPROXIMATELY 250 FT WEST OF WATTS LANE	475.9087'
BM 5	CHISELED BOX SET IN THE CENTER OF THE HEADWALL ON THE SOUTH SIDE OF IL 161 SN 014-2001	451.1137'
BM 6	RAILROAD SPIKE SET IN THE SOUTH FACE OF POWER POLE EAST OF BRIDGE	454.6712'
BM 7	CHISELED BOX SET IN THE CENTER OF THE HEADWALL ON THE NORTH SIDE OF IL 161 SN 014-2426	450.4061'
WS 092	FOUND STAINLESS STEEL ROD IN ASSEMBLY COVER @ 44.4' N OF CENTERLINE OF IL 161, ±1980' W OF CENTERLINE OF SHATTUC RD, ±120' WNW OF A 36" RCP, ±24' NE OF THE E END OF A 15" RCP	451.282'



EXIST. CURVE (NOLTINGS RD)
 PI STA. = 204+20.16
 $\Delta = 0^{\circ} 43' 33''$ (LT)
 $D = 0^{\circ} 35' 22''$
 $R = 9,720.00'$
 $L = 61.57'$
 $E = 123.14'$
 $e = 0.20'$
 T.P.C. STA. = 203+58.59
 P.C. STA. = 203+58.59
 P.T. STA. = 204+81.74

EXIST. CURVE (NOLTINGS RD)
 PI STA. = 206+27.96
 $\Delta = 0^{\circ} 36' 34''$ (RT)
 $D = 0^{\circ} 35' 22''$
 $R = 9,720.00'$
 $L = 51.70'$
 $E = 103.40'$
 $e = 0.14'$
 T.P.C. STA. = 205+76.26
 P.C. STA. = 205+76.26
 P.T. STA. = 206+79.66



MODEL: Default
 FILE: \\hul01\B84EID\NITEC\Illinois\pov\p\WIDOT\Documents\10077\Projects\0876887\CADD\DATA\CAD\PROJECTS\0876887-rh-ATB.dwg

USER NAME = freimuthpd	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/17/2018	CHECKED -	REVISED -
	DATE -	REVISED -

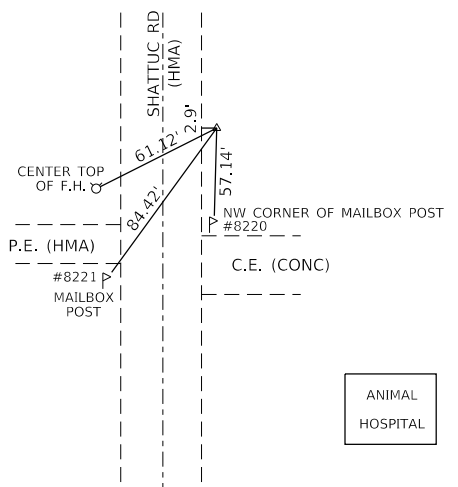
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES, & BENCHMARKS

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

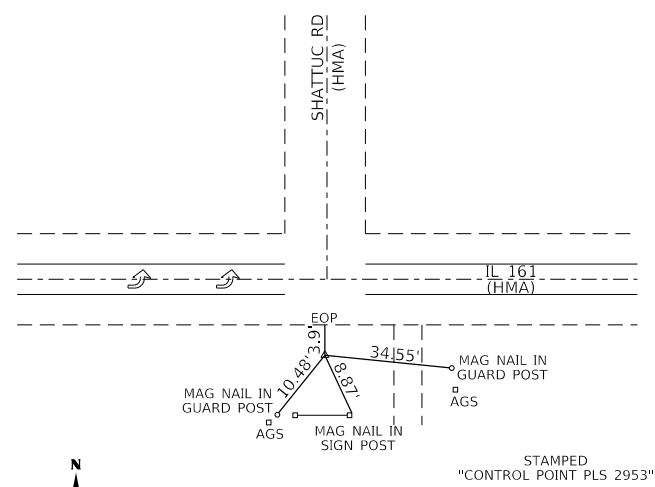
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	22

CONTRACT NO. 76887
 ILLINOIS FED. AID PROJECT



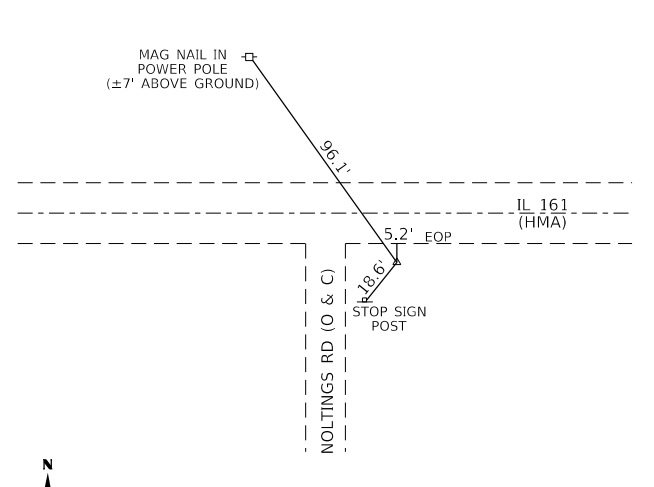
CONTROL POINT #1
(IRON PIN W/ ALUMINUM CAP)
N 683,168.3220
E 573,484.4314

ANIMAL HOSPITAL

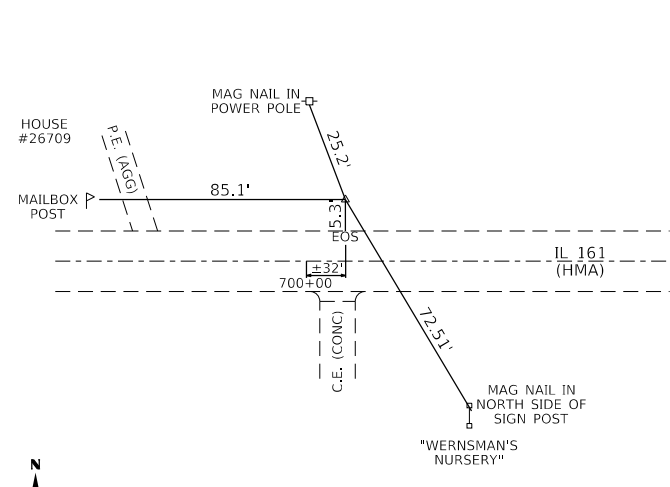


CONTROL POINT #2 (RESET)
(IRON PIN W/ ALUMINUM CAP)
N 681,758.8300
E 573,443.3321

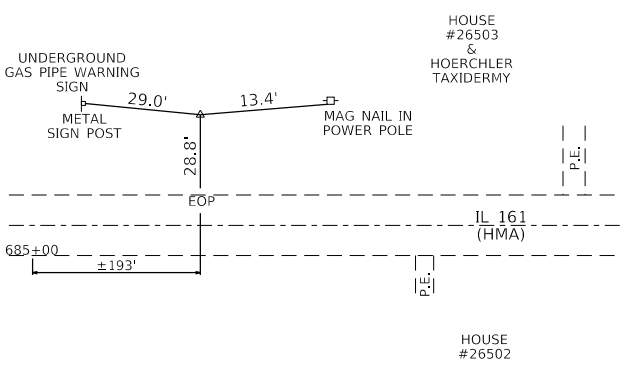
STAMPED
"CONTROL POINT PLS 2953"



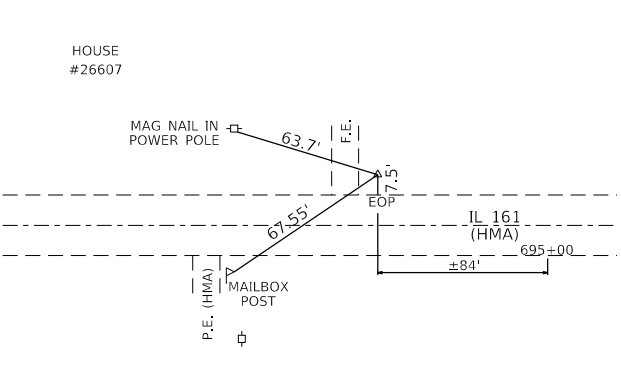
CONTROL POINT #5
(IRON PIN W/ ALUMINUM CAP)
N 681,566.9782
E 577,408.6049



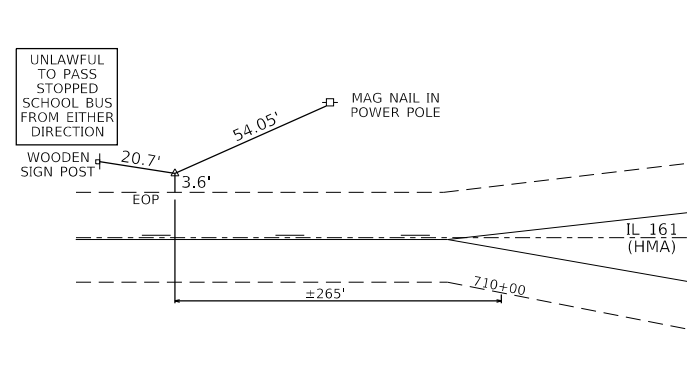
CONTROL POINT #8
(IRON PIN W/ ALUMINUM CAP)
N 681,868.2220
E 572,064.0490



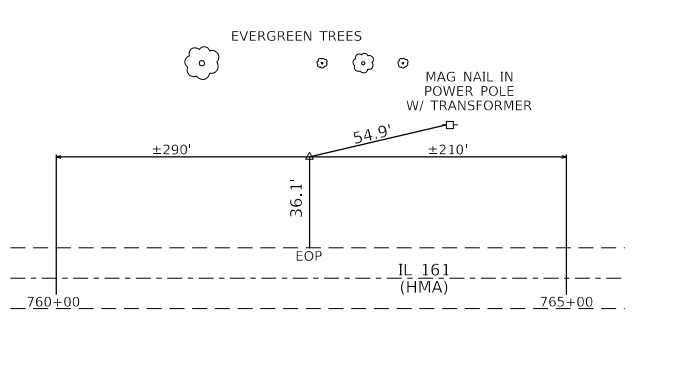
CONTROL POINT #10
(IRON PIN W/ ALUMINUM CAP)
N 681,927.7051
E 570,730.6594



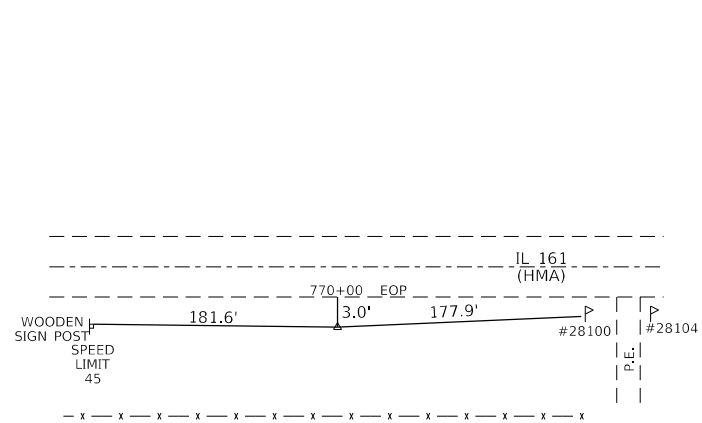
CONTROL POINT #11
(IRON PIN W/ ALUMINUM CAP)
N 681,888.6736
E 571,452.5570



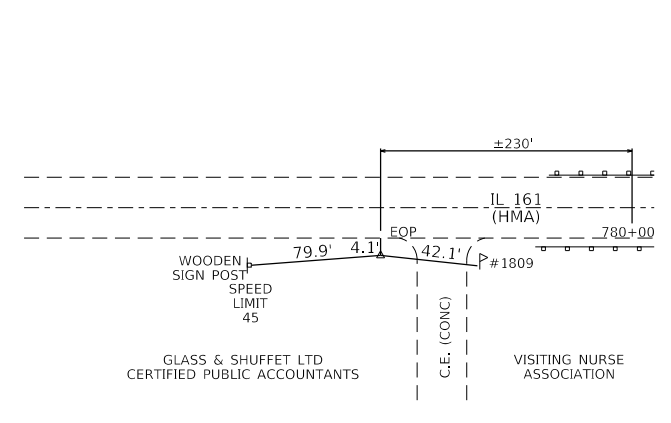
CONTROL POINT #12
(IRON PIN W/ ALUMINUM CAP)
N 681,836.4044
E 572,770.1551



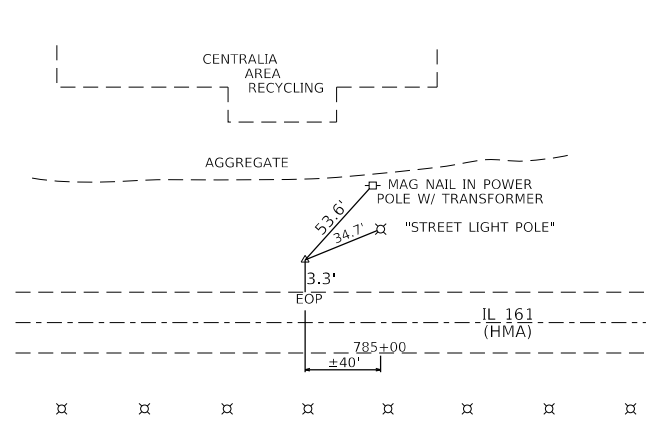
CONTROL POINT #13
(IRON PIN W/ ALUMINUM CAP)
N 681,592.9173
E 578,324.6675



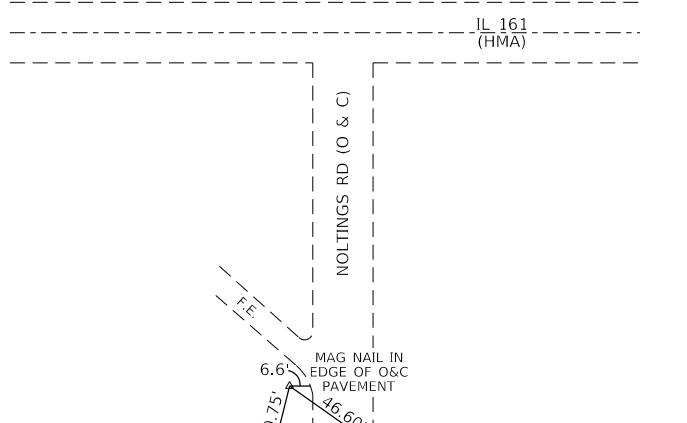
CONTROL POINT #14
(IRON PIN W/ ALUMINUM CAP)
N 681,489.9961
E 579,029.7782



CONTROL POINT #15
(IRON PIN W/ ALUMINUM CAP)
N 681,451.2468
E 579,798.2789



CONTROL POINT #16
(IRON PIN W/ ALUMINUM CAP)
N 681,454.9863
E 580,489.3463



CONTROL POINT #60
(IRON PIN W/ ALUMINUM CAP)
N 681,194.4592
E 577,357.8881

MODEL: Default
FILE: \\hulib08\EBID\NETC\Illinois.gov\PIWD\DOT\Documents\18DOT\Office\Director\B\Projects\0876887\CADD\DATA\CAD\Project\0876887-87-ATB.dgn

USER NAME = freimuthpd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/17/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

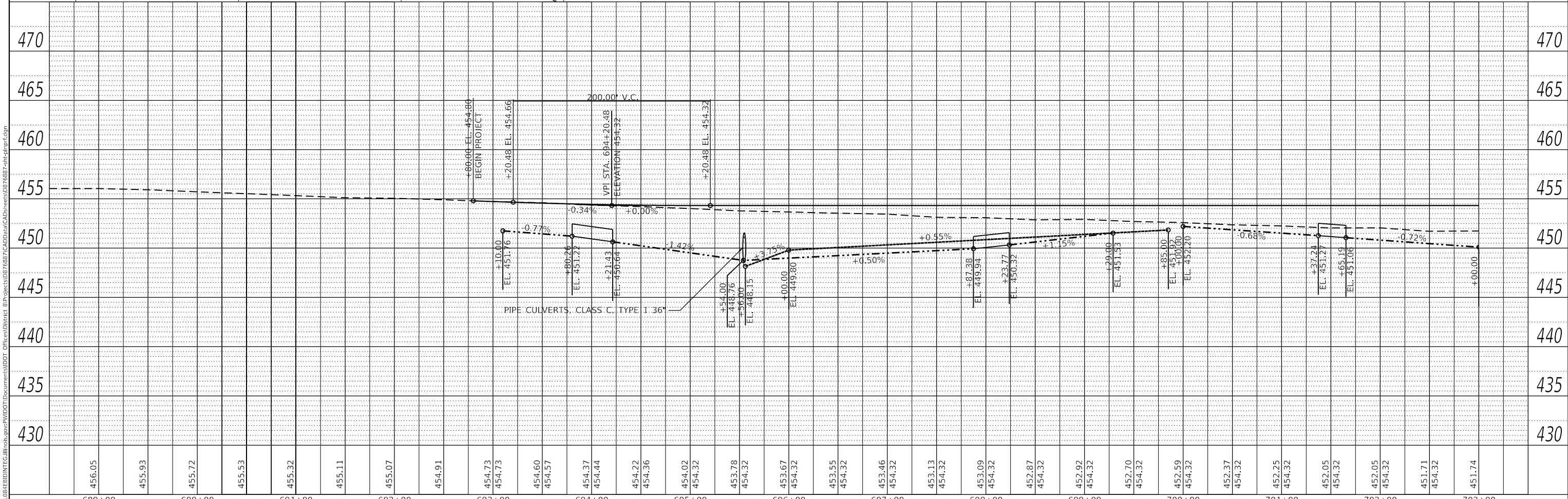
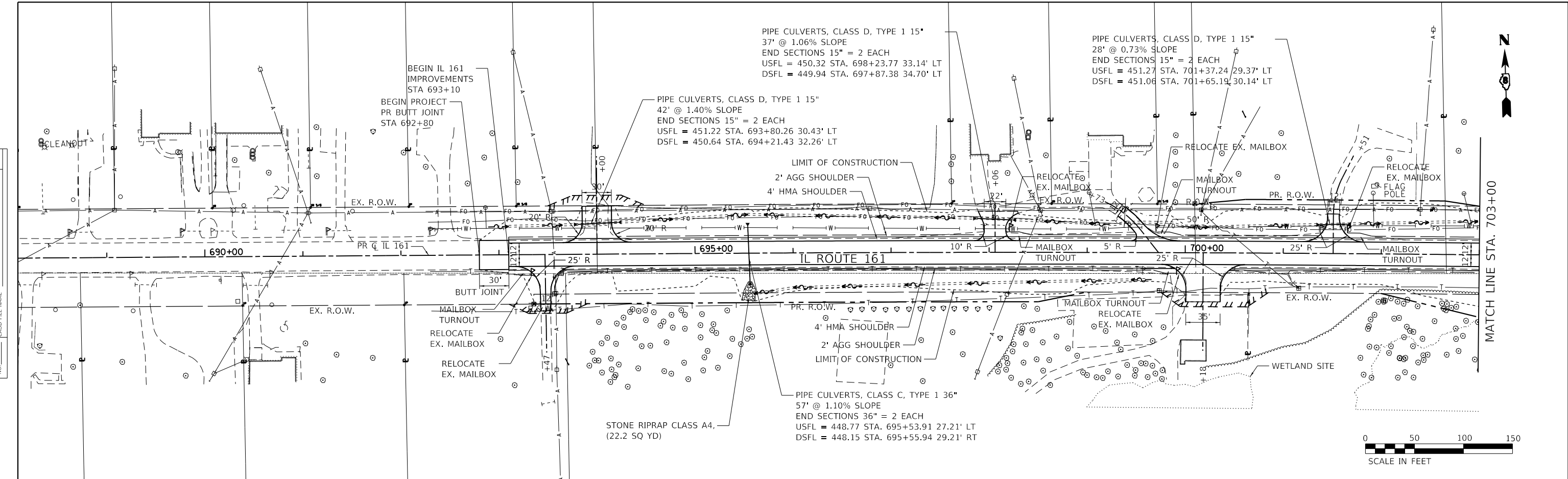
ALIGNMENT, TIES, & BENCHMARKS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	23
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

PLAN	
SURVEYED	DATE
PLOTTED	
ALIGNED	
CHECKED	
FILE NAME	
NO.	

PROFILE	
SURVEYED	DATE
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS	
NO.	



MODEL: S:\MODEL\MAMES
 FILE NAME: p:\11\08\BID\BID\TEG\Illinois\spw\WIDOT\Documents\DOT Offices\District 8\projects\087688\FCAD\Drawn\087688-1-spc-pln.rvt.dgn

USER NAME = susers	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/17/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

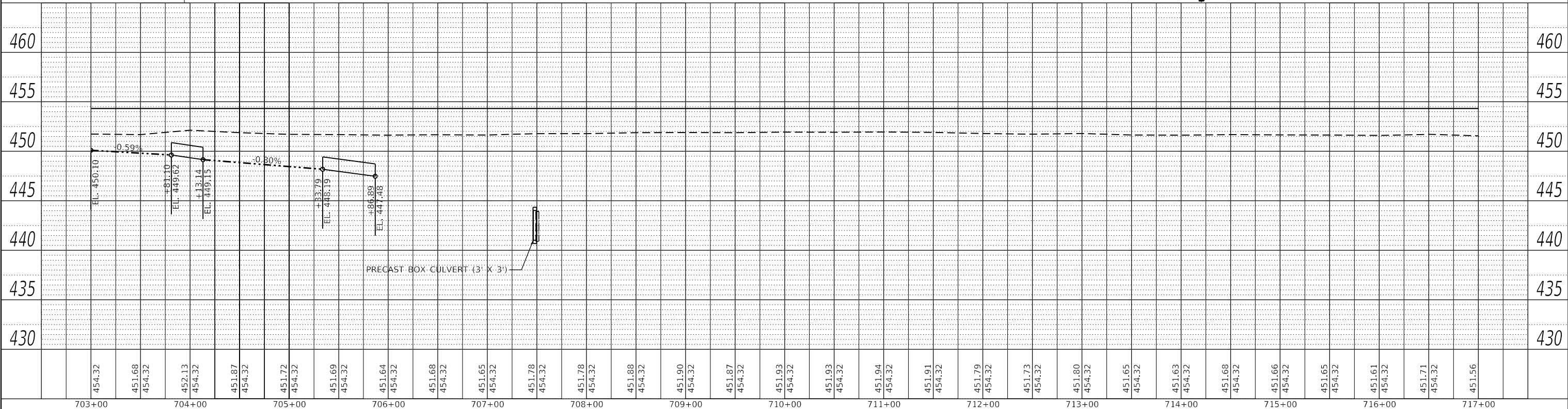
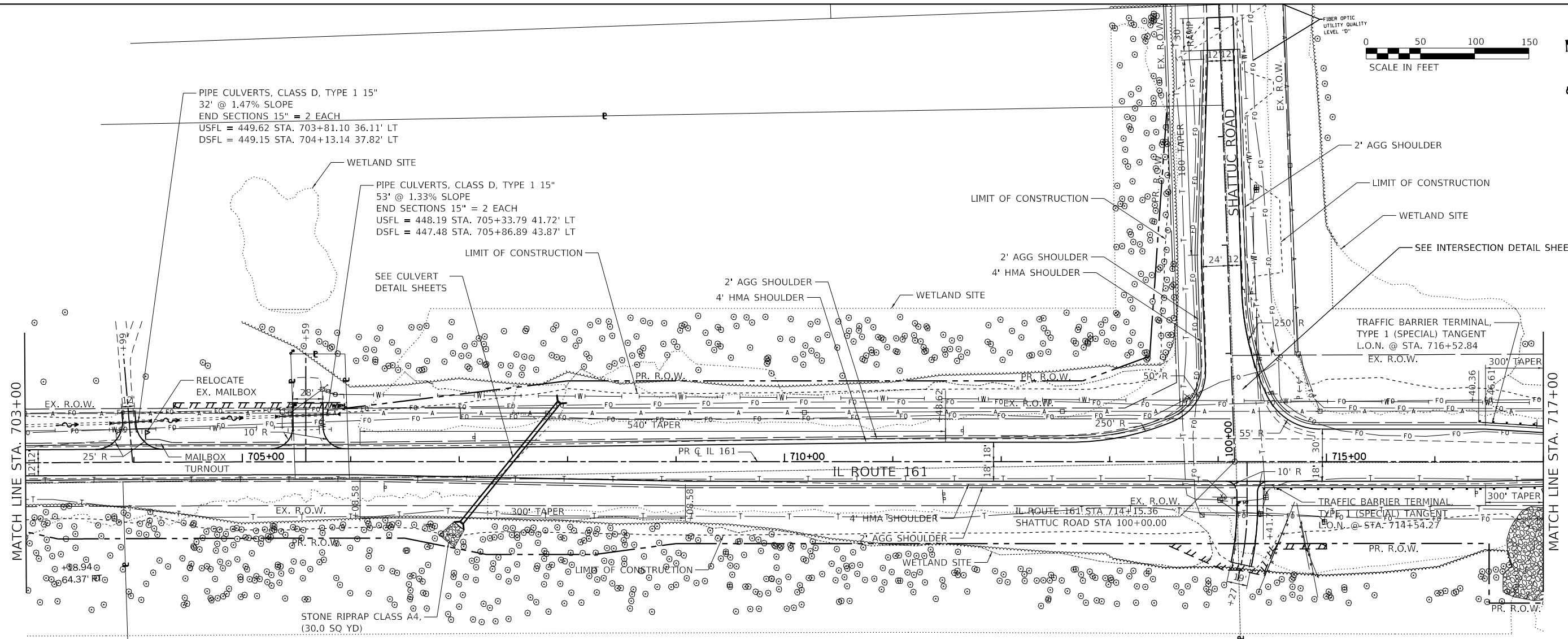
IL 161 PLAN & PROFILE			
SCALE: 1" = 50'	SHEET 1	OF 8 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	24
				CONTRACT NO. 76887
		ILLINOIS	FED. AID PROJECT	

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

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	FILE NAME	
	CADD FILE NAME	

MODEL: S:\MODEL\MAMES
FILE NAME: p:\11108\BID\BID\TEG\Illinois\pwr\WDOT\Documents\DOT - Offices\District 8\projects\087688\PCAD\Drawings\805\7688-1-sip-rp1.rvt.dgn



USER NAME = susers	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/3/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

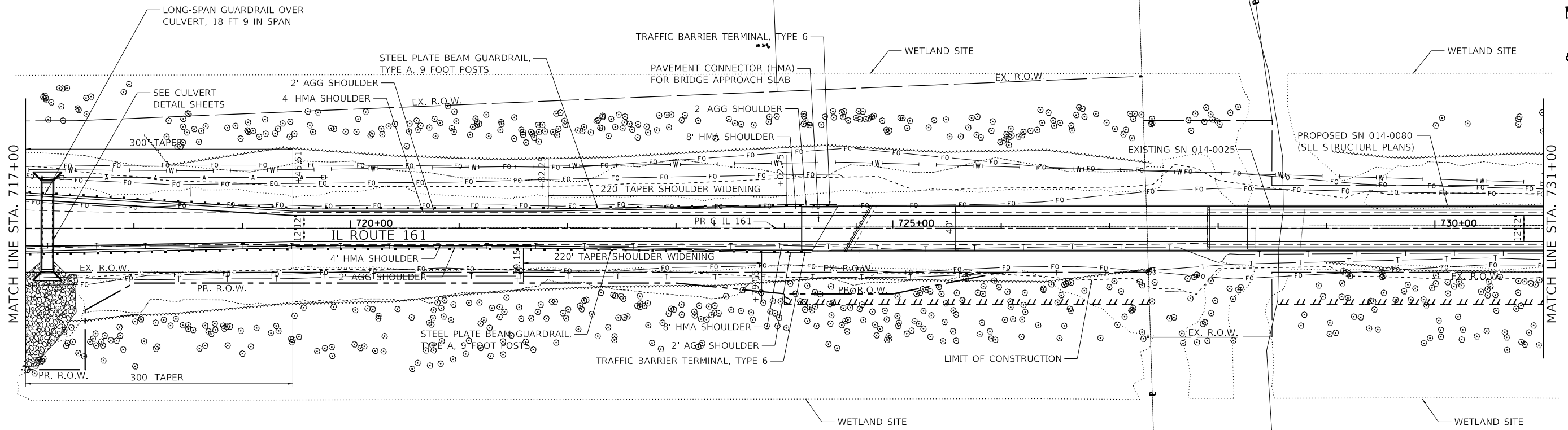
SCALE: 1" = 50'		SHEET 2	OF 8 SHEETS	STA.	TO STA.
-----------------	--	---------	-------------	------	---------

F.A.P. RTE. 805	SECTION 7BR, 7BR-1	COUNTY CLINTON	TOTAL SHEETS 259	SHEET NO. 25
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

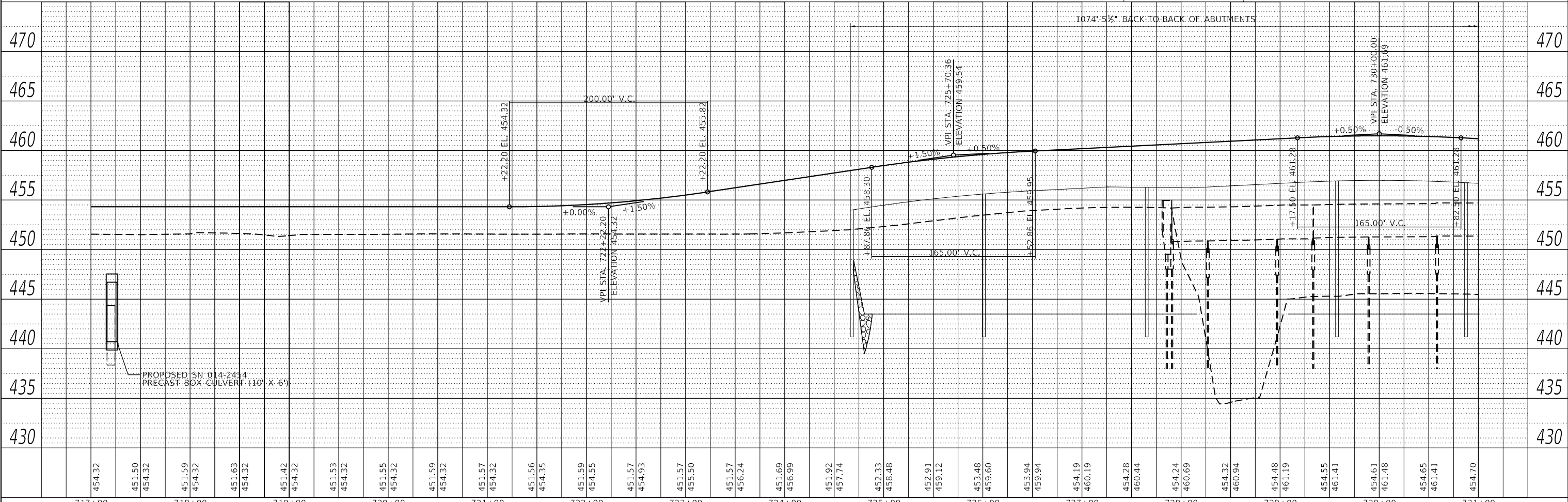
PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS REVISED	
	NOTE BOOK NO.	
	FILE NAME	

MODEL: SPODELNAME
FILE NAME: p:\1108\BID\BID\TEG\Illinois\spw\WID\DOT\Documents\DOT Offices\BIBet 8\projects\087688\CAD\Drawings\087688-1-spc-pln.ppt.dgn



BM 7 - CHISELED BOX SET IN THE CENTER OF THE HEADWALL ON THE NORTH SIDE OF IL 161 SN 014-2426. (WILL BE REMOVED DURING CONSTRUCTION)



USER NAME = susers	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/17/2018	DATE -	REVISED -

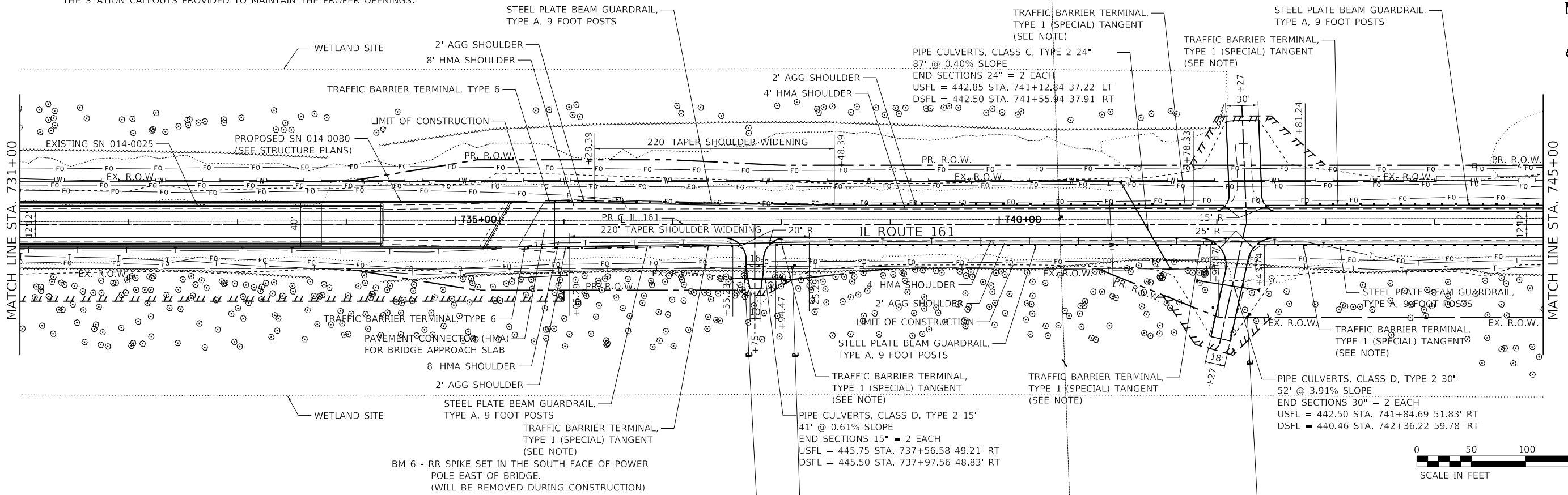
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 161
PLAN & PROFILE**

SCALE: 1" = 50' SHEET 3 OF 8 SHEETS STA. TO STA.

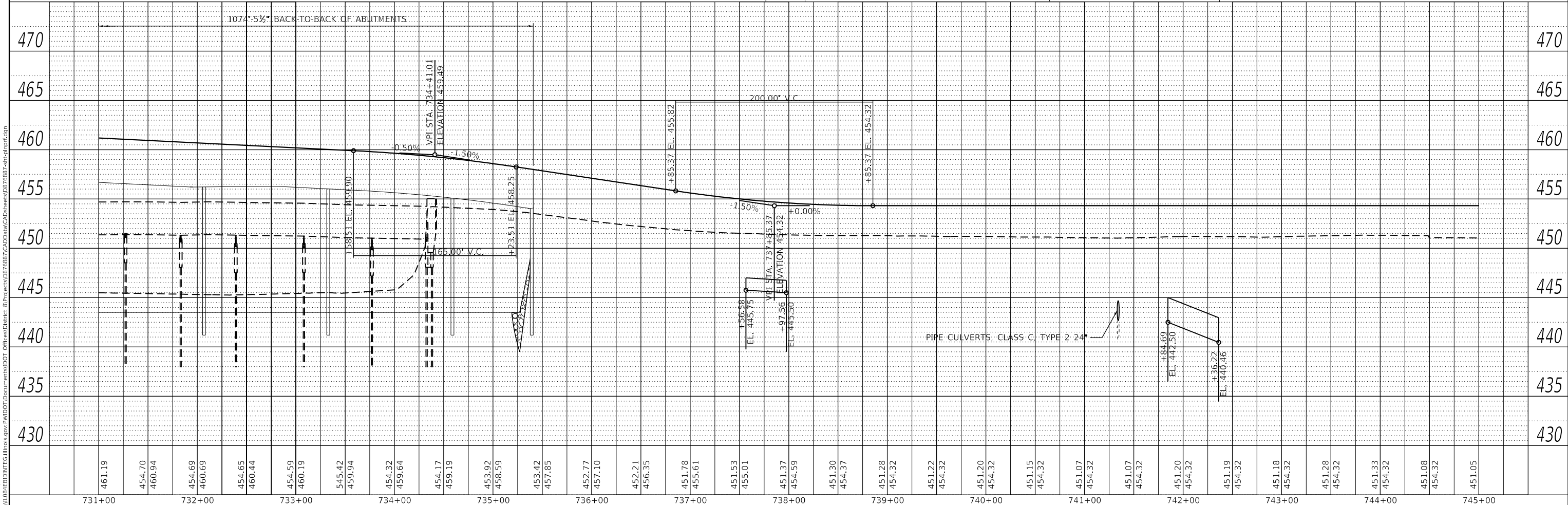
F.A.P. RTE. 805	SECTION 7BR, 7BR-1	COUNTY CLINTON	TOTAL SHEETS 259	SHEET NO. 26
CONTRACT NO. 76887			ILLINOIS FED. AID PROJECT	

NOTE: BREAKS IN GUARDRAIL FOR ENTRANCES AT STA. 737+75 RT., 742+27 RT., AND 742+27 LT. ARE REQUIRED FOR ACCESS AND THE TRAFFIC BARRIER TERMINALS SHALL BE SET USING THE STATION CALLOUTS PROVIDED TO MAINTAIN THE PROPER OPENINGS.



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	STRUCTURE	
	NOTATION	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	FILE NAME	
	NO.	



731+00	461.19	732+00	454.69	733+00	460.19	734+00	454.32	735+00	453.92	736+00	452.77	737+00	451.78	738+00	451.37	739+00	451.28	740+00	451.22	741+00	451.07	742+00	451.20	743+00	451.18	744+00	451.33	745+00	451.08
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

USER NAME	= susers
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISOR	-
REVISION	-
REVISOR	-
REVISION	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

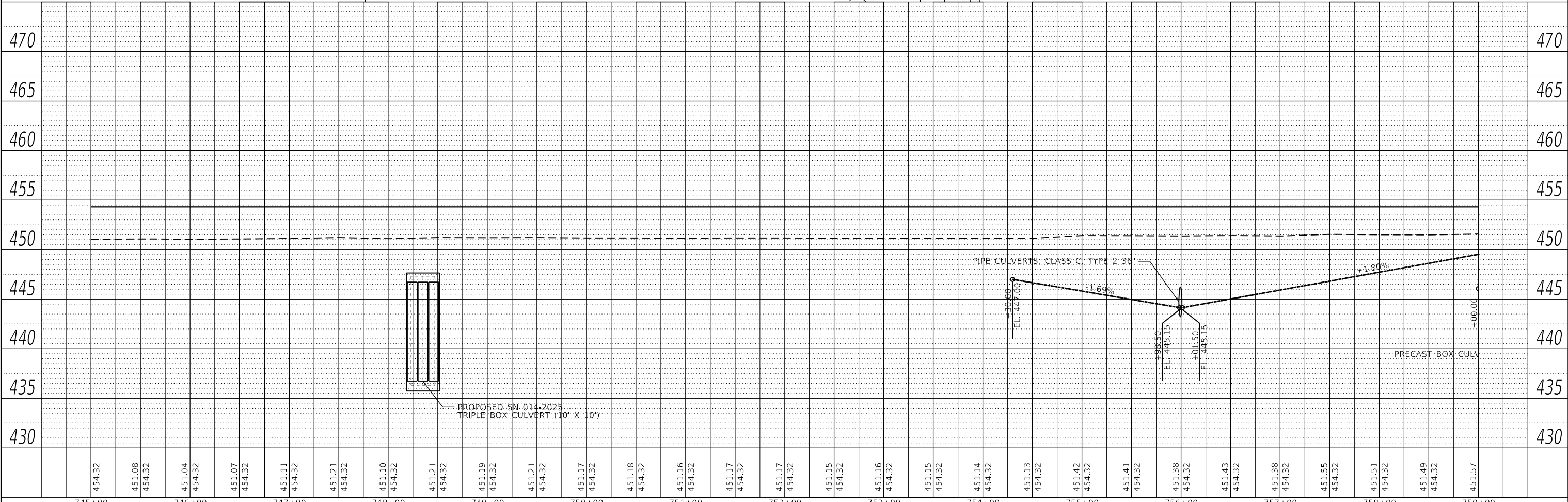
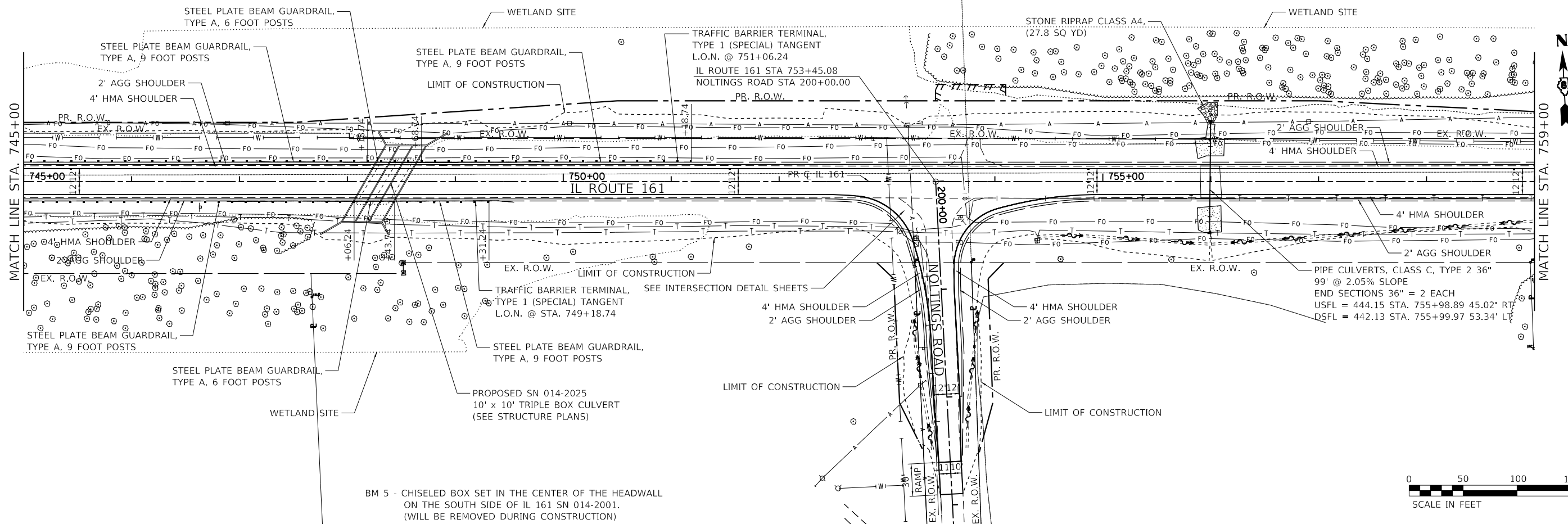
IL 161
PLAN & PROFILE
SCALE: 1" = 50'
SHEET 4 OF 8 SHEETS
STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	27
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED	DATE
	PLOTTED	
NOTE BOOK	GRADES	
	CHECKED	
NO.	STRUCTURE	
	NOTATION	

MODEL: SPODELMAMES
FILE NAME: p:\11108\BID\BID\TEG\Illinois\spw\PWID\DOT\Documents\DOT Office\Sheet 8\projects\087688\CAD\Drawings\087688-516-pipr.dgn



USER NAME = susers	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/3/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 161
PLAN & PROFILE**

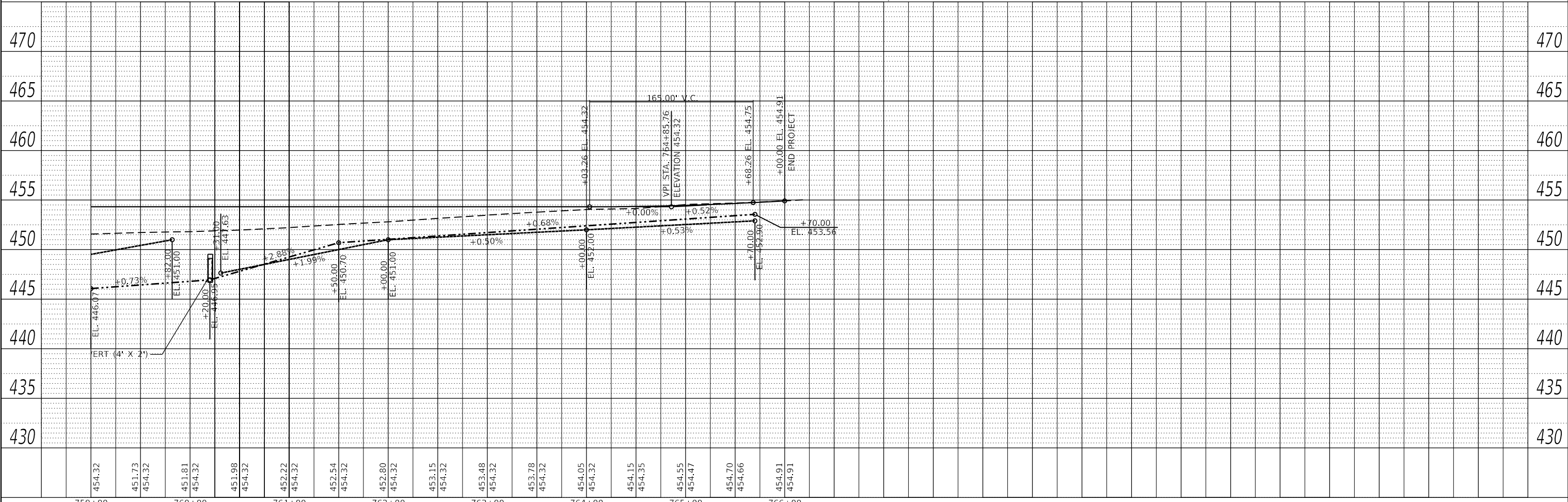
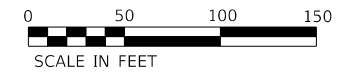
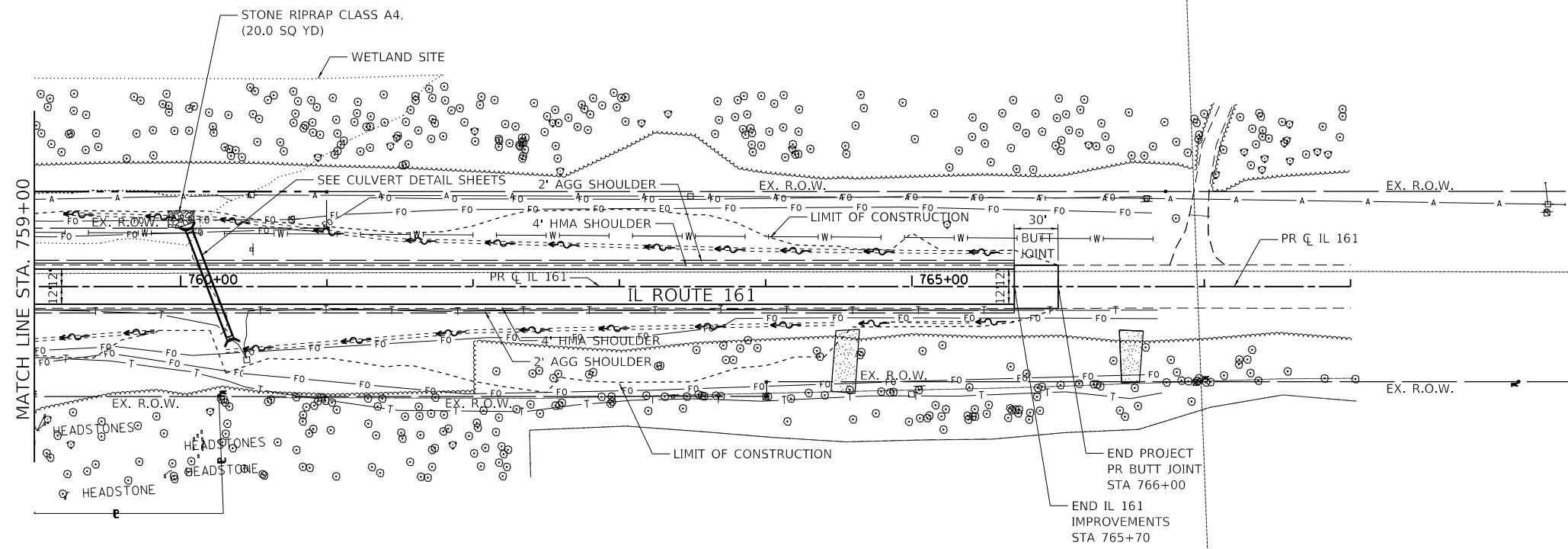
SCALE: 1" = 50' SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	28
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS	
	NO.	

MODEL: SPODELMAMES
 FILE NAME: p:\1108\BID\BID\TEG\Illinois\spw\WID\DOT\Documents\DOT - Offices\Bldg\Bldg\7688\7688-1\spw\p1pr.dgn



USER NAME =	ususers	DESIGNED -	REVISED -
		DRAWN -	REVISED -
PLOT SCALE =	100.0000' / in.	CHECKED -	REVISED -
PLOT DATE =	8/17/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

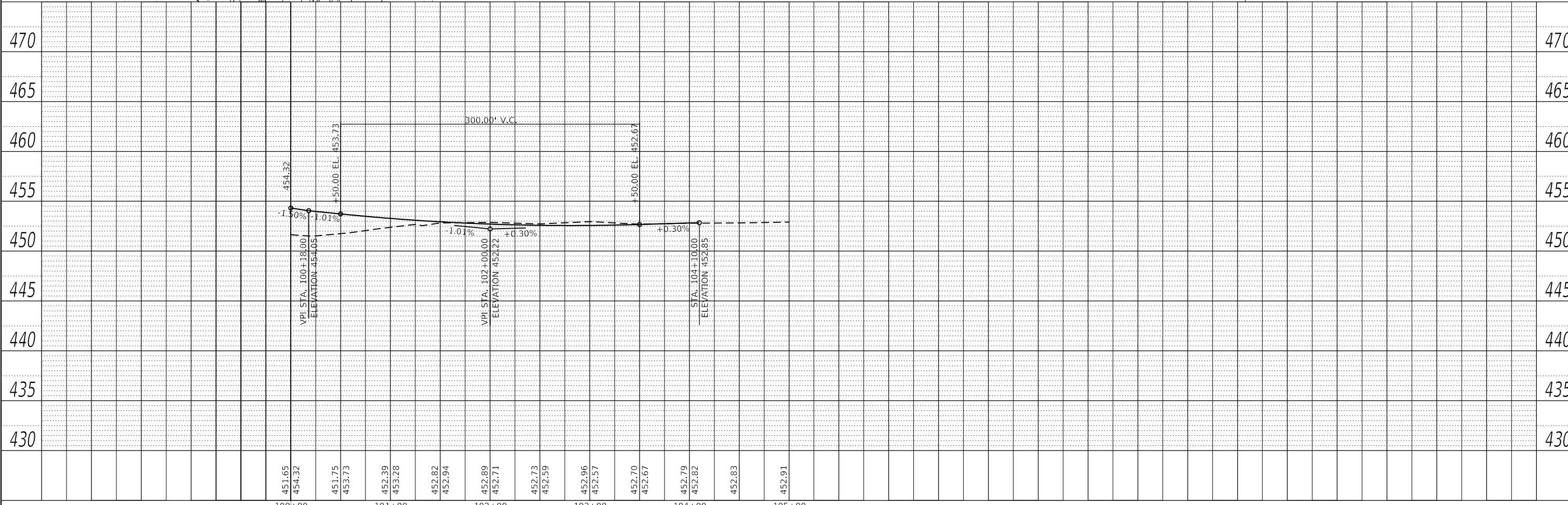
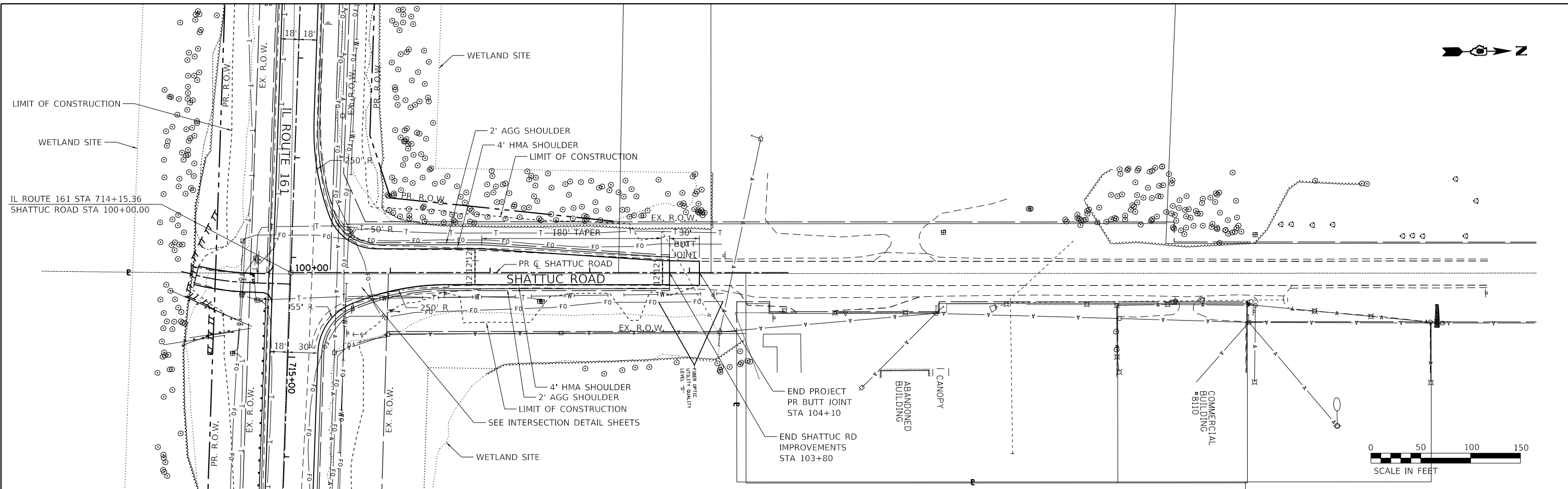
**IL 161
 PLAN & PROFILE**
 SCALE: 1" = 50' SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	29
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
NOTE BOOK NO.	CADD FILE NAME		

MODEL: S:\MODEL\NAME: FILE NAME: p:\u1008\BID\NTE\Illinois\spw\WID\DOT\Documents\DOT Office\Bibret 8\projects\087688\CADD\Drawings\87688-1\spc\pp1r.dgn



USER NAME =	usERS	DESIGNED -	REVISED -
		DRAWN -	REVISED -
PLOT SCALE =	100.0000' / in.	CHECKED -	REVISED -
PLOT DATE =	8/17/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SHATTUC ROAD
PLAN & PROFILE**

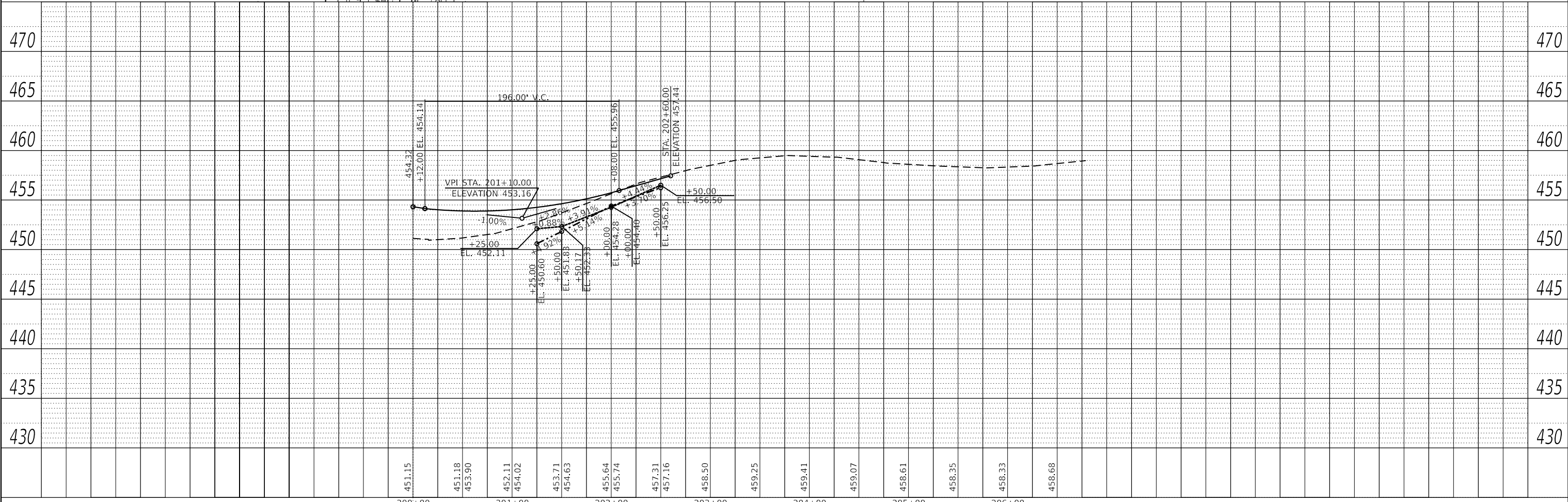
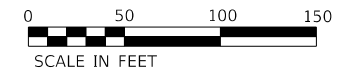
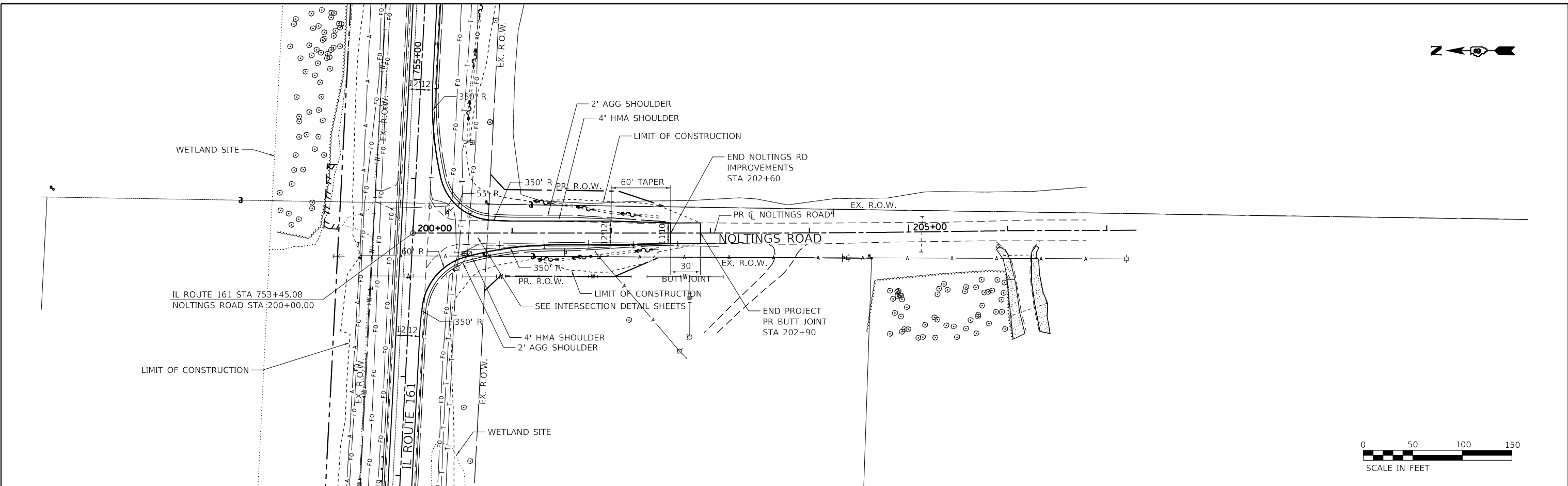
SCALE: 1" = 50' SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	30
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CAD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CAD FILE NAME	

MODEL: S:\MODEL\NAMES
 FILE NAME: p:\11108\BID\NTEG\Illinois\spw\WIDOT\Documents\DOT Office\Sheet\8\proj\cs\087688\FCAD\Drawn\CAD\ees\087688-8-17-2018.dgn



USER NAME = susers	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/17/2018	CHECKED -	REVISED -
	DATE -	REVISED -





**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

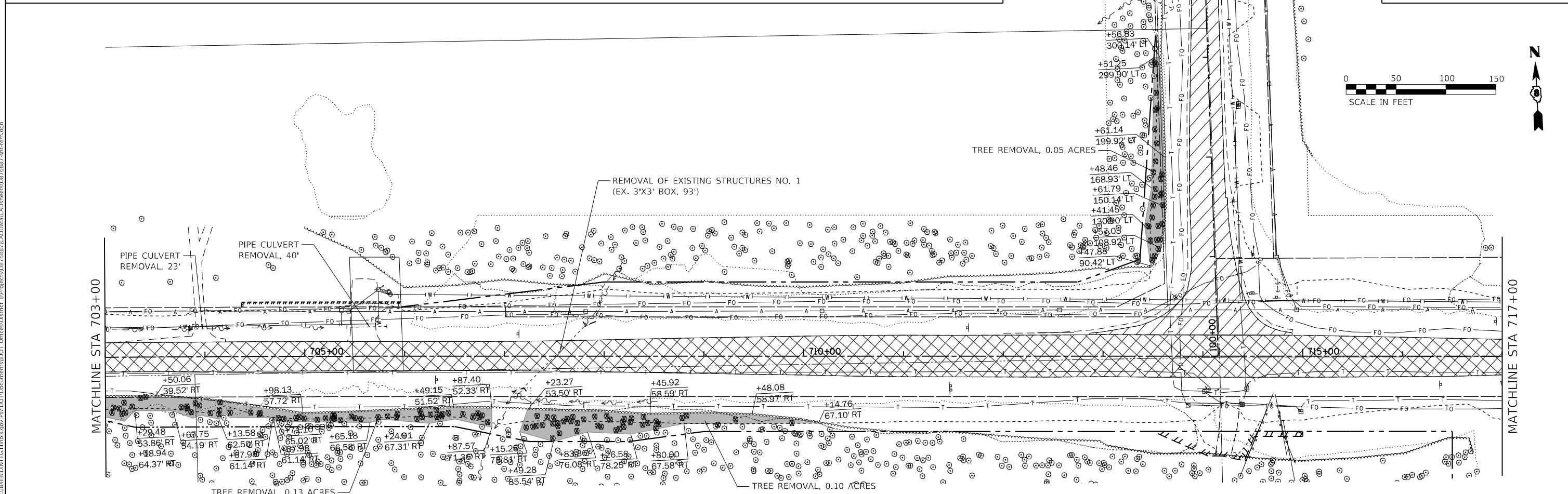
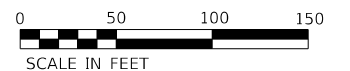
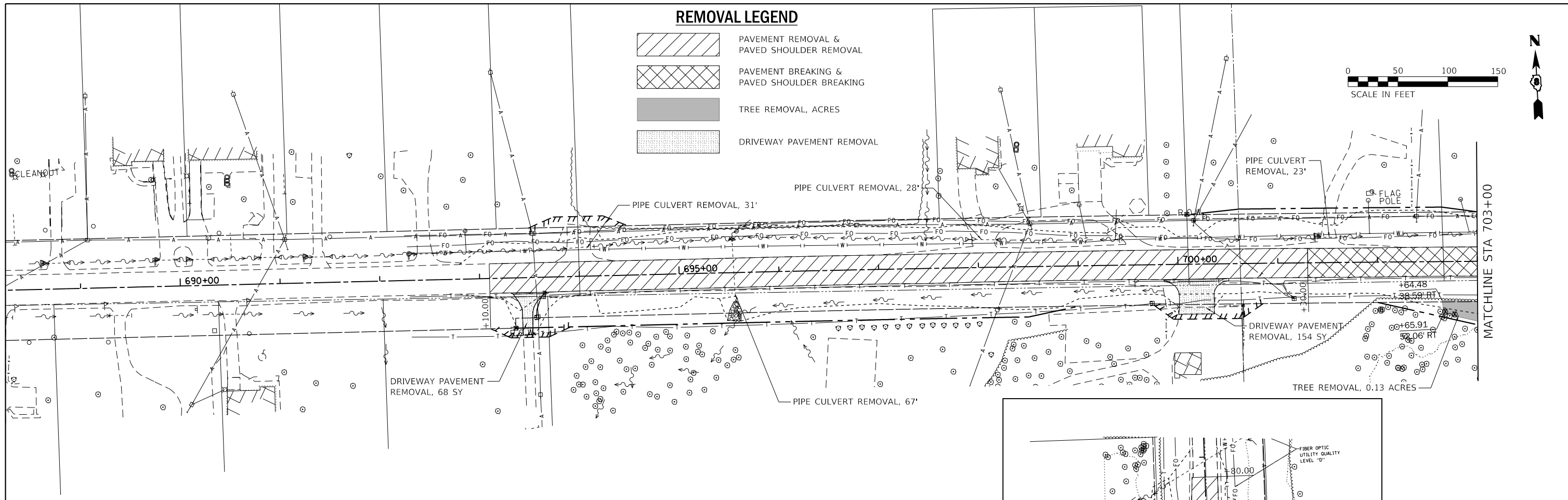
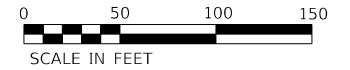
**NOLTINGS ROAD
 PLAN & PROFILE**

SCALE: 1" = 50' SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	31
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

REMOVAL LEGEND

-  PAVEMENT REMOVAL & PAVED SHOULDER REMOVAL
-  PAVEMENT BREAKING & PAVED SHOULDER BREAKING
-  TREE REMOVAL, ACRES
-  DRIVEWAY PAVEMENT REMOVAL



MODEL: Default
 FILE: \\nrcs-pxwul08a\REDIRECT\Illinois.gov\pww\DOT\Documents\10DOT Office\Director 8\Projects\0876887\CADD\data\CAD\Access\0876887-rbr-ren.dgn

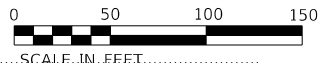
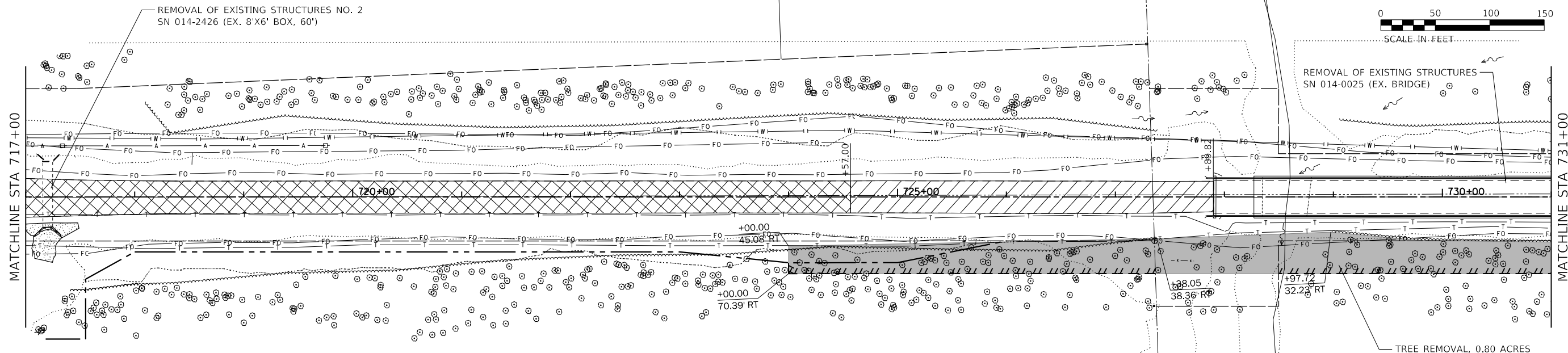
USER NAME = freimthpd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/17/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLANS

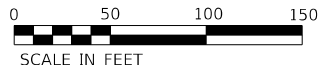
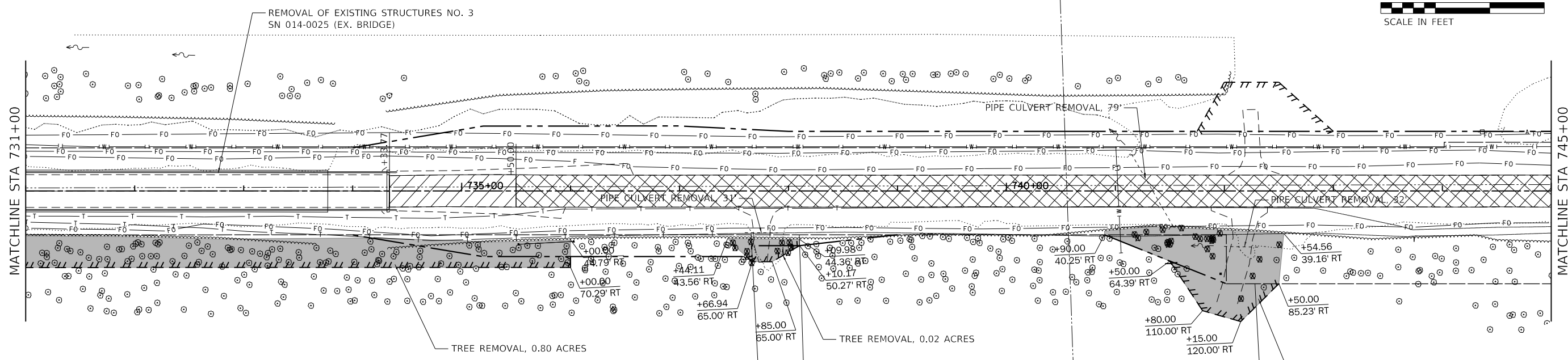
SCALE: 1" = 50' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	32
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				



REMOVAL LEGEND

- PAVEMENT REMOVAL & PAVED SHOULDER REMOVAL
- PAVEMENT BREAKING & PAVED SHOULDER BREAKING
- TREE REMOVAL, ACRES
- DRIVEWAY PAVEMENT REMOVAL



USER NAME = freimutpd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/17/2018	DATE -	REVISED -

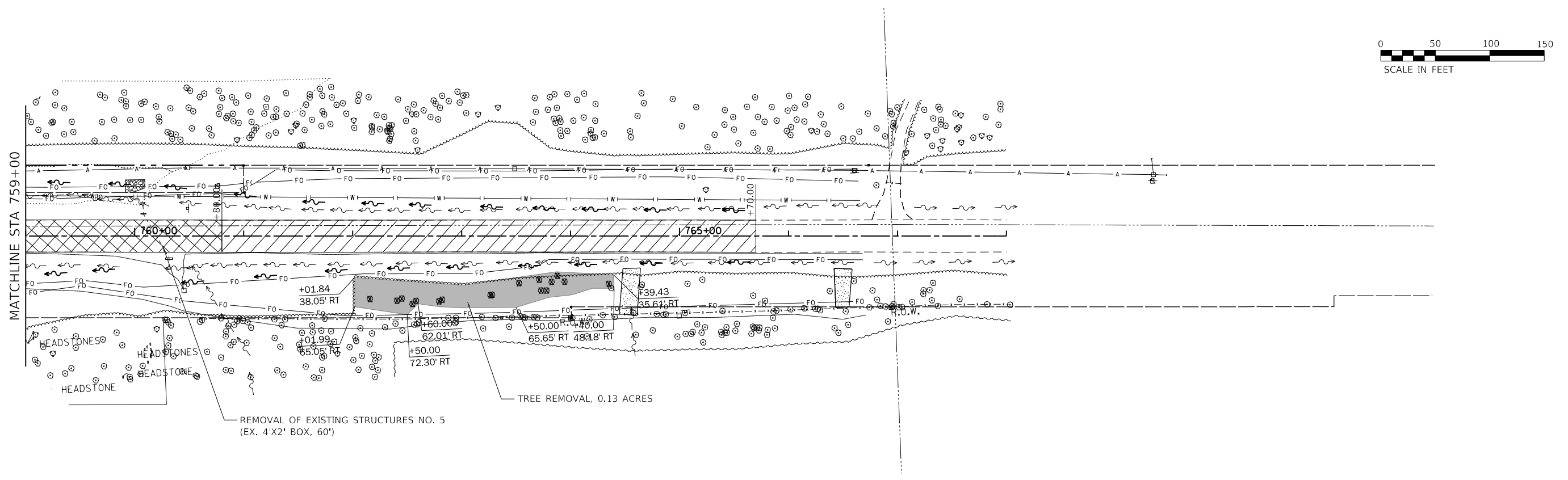
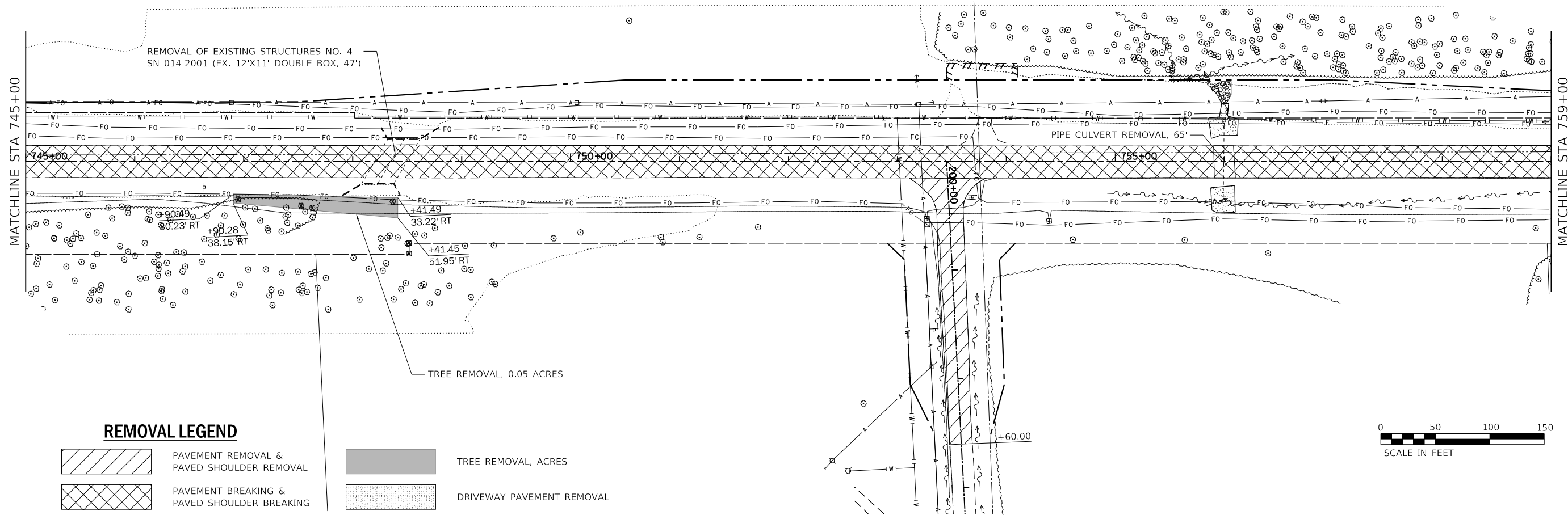
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLANS

SCALE: 1" = 50' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	33
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

MODEL: Default
 FILE: \\mhc-pw\ulb\B4E\BID\NTEC\Illinois.gov\FW\DOT\Documents\BIDD\Office\Director_B\Projects\0876887\CADD\B4E\CAD\Access\0876887_rbr.rem.dgn



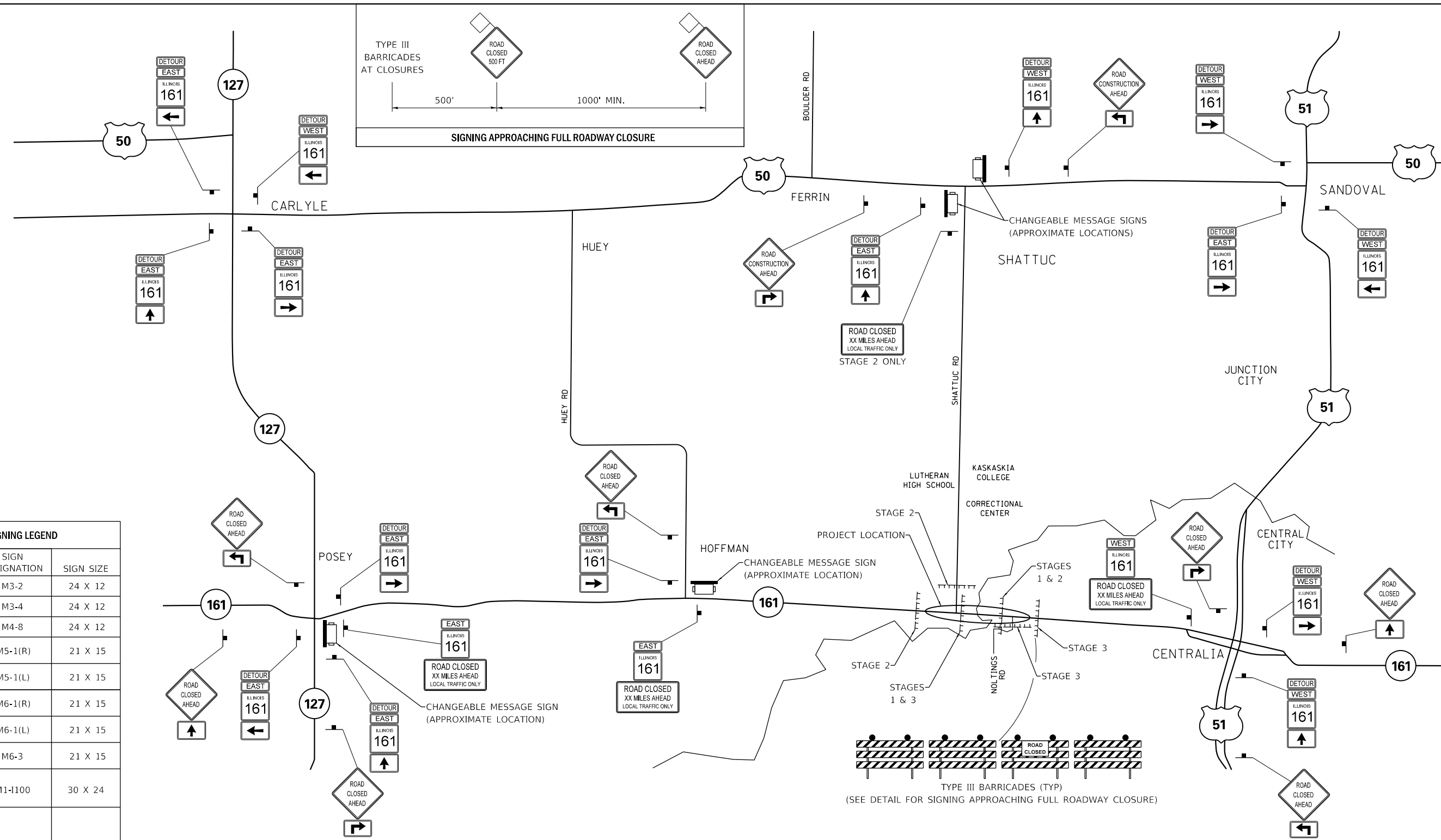
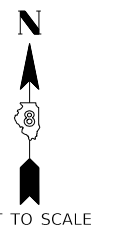
MODEL: Default
 FILE: \\mhc\p\proj\76887\76887\76887\CADD\DATA\CAD\PROJECTS\76887\76887-2\hr-ren.dgn

USER NAME = freimutpd	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/17/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLANS			
SCALE: 1" = 50'	SHEET 3	OF 3 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	34
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				



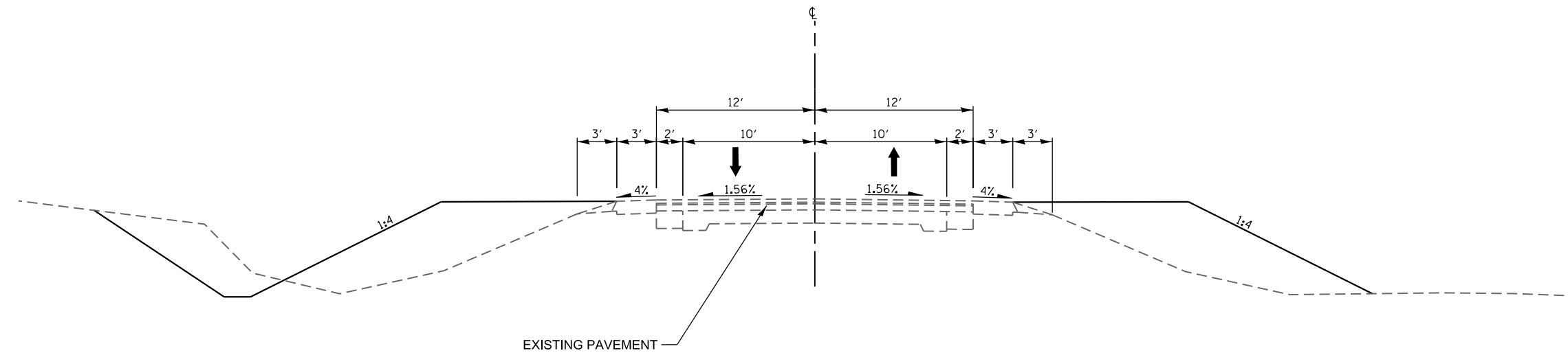
DETOUR SIGNING LEGEND		
SIGN	SIGN DESIGNATION	SIGN SIZE
	M3-2	24 X 12
	M3-4	24 X 12
	M4-8	24 X 12
	M5-1(R)	21 X 15
	M5-1(L)	21 X 15
	M6-1(R)	21 X 15
	M6-1(L)	21 X 15
	M6-3	21 X 15
	M1-I100	30 X 24
	W20-3	48 X 48 SIGN WITH 18 X 18 ORANGE FLAG
	R11-2	30 X 48
	R11-3a	30 X 60

DETOUR SIGNING STAGES		SUGGESTED CHANGEABLE MESSAGE SIGN INFORMATION	
1	ONLY BRIDGE CLOSED (APPROX. ILL 161 STA. 715+00 TO STA. 752+00)	ILL 161 / SHATTUC RD INTERSECTION OPEN	
2	BRIDGE AND INTERSECTION AT SHATTUC RD CLOSED (APPROX. ILL 161 STA. 692+80 TO STA. 752+00) (APPROX. SHATTUC RD STA. 100+00 TO STA. 104+10)	ILL 161 / SHATTUC RD INTERSECTION CLOSED	
3	BRIDGE AND INTERSECTION AT NOLTINGS RD CLOSED (APPROX. ILL 161 STA. 715+00 TO STA. 766+00) (APPROX. NOLTINGS RD STA. 200+00 TO STA. 202+90)	ILL 161 / SHATTUC RD INTERSECTION OPEN	

- NOTES:
1. THE CONTRACTOR SHALL FURNISH THE POSTS AND ERECT SIGNS AT THE LOCATIONS SHOWN ON THIS SHEET, AS DIRECTED BY THE ENGINEER. THE POST SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
 2. SIGNS WILL BE PLACED 100' PRIOR TO INTERSECTION OR TO FIT FIELD CONDITIONS, UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE ENGINEER.
 3. ALL DETOUR SIGNING SHALL BE AT 500' SPACING UNLESS SPECIFIED OTHERWISE.
 4. THE HEIGHT TO THE BOTTOM OF THE LOWEST SIGN SHALL NOT BE LESS THAN 6'.
 5. CONTRACTOR SHALL FURNISH ADVANCE WARNING SIGNS, ROAD CLOSURE SIGNS, CHANGEABLE MESSAGE SIGNS, AND TYPE 3 BARRICADES.
 6. ALL ADVANCE WARNING SIGNS SHALL BE 48" FLUORESCENT ORANGE WITH FLASHING LIGHTS.
 7. ALL SIGNING REQUIRED FOR DETOUR STAGES 1, 2, & 3 SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, LUMP SUM, FOR DETOUR SIGNING AND NO OTHER COMPENSATION WILL BE ALLOWED.
 8. CHANGEABLE MESSAGE SIGNS SHALL BE PAID FOR SEPARATELY.
 9. EXACT LOCATION OF THE CHANGEABLE MESSAGE SIGNS SHALL BE DETERMINED BY THE ENGINEER.

PRE-STAGE

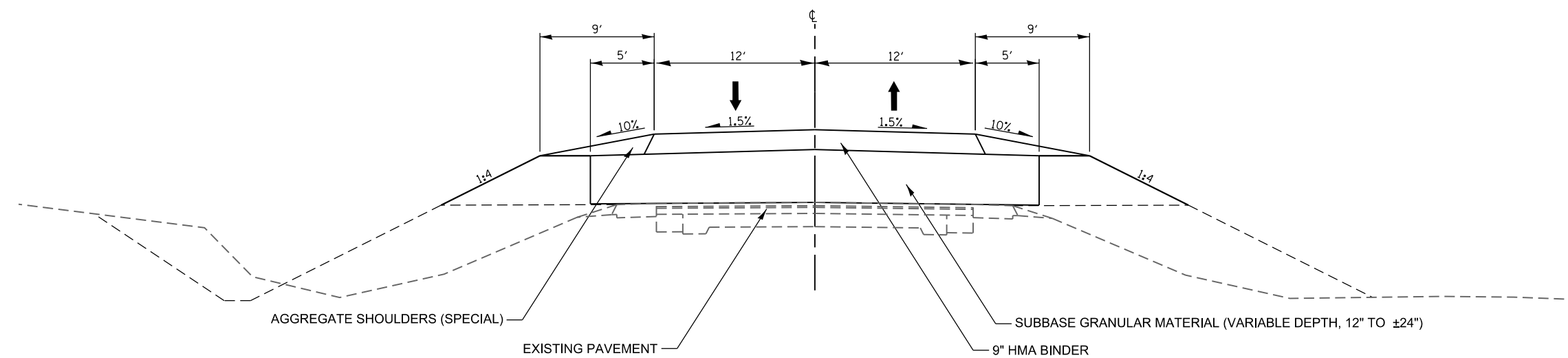
BUILD UP EARTH EMBANKMENT (SIDE SLOPES)



FULL CLOSURE

- CLOSE IL 161 AND SHATTUC ROAD INTERSECTION
- BREAK OR REMOVE EXISTING PAVEMENT
- CONSTRUCTION SUBBASE GRANULAR MATERIAL (VARIABLE DEPTH, 12" TO ±24")
- BUILD UP SIDE SLOPES
- CONSTRUCT 9" HMA BINDER
- PROVIDE AGGREGATE SHOULDERS (SPECIAL)
- OPEN IL 161 AND SHATTUC ROAD INTERSECTION

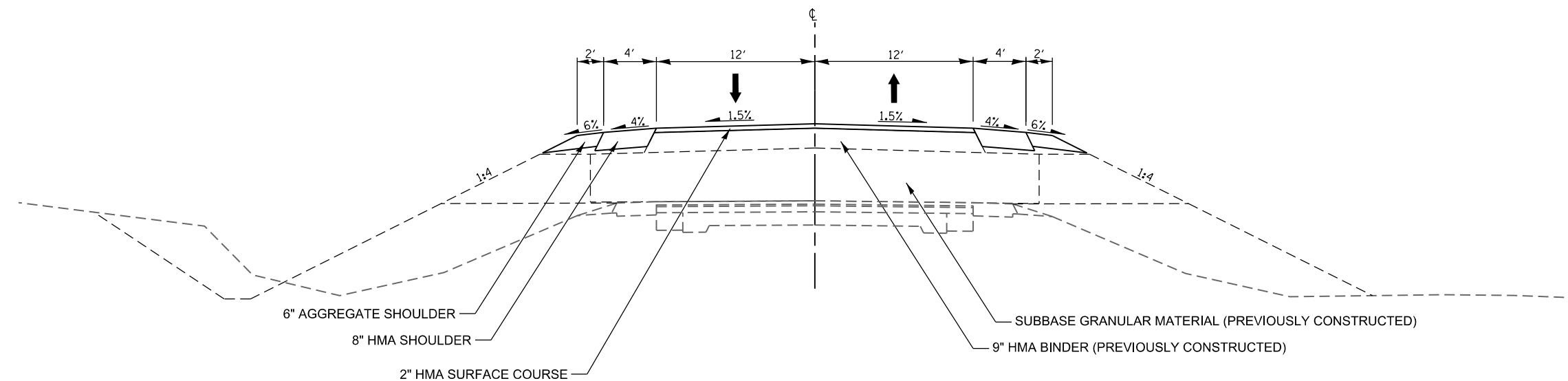
NOTE:
TEMPORARY ACCESS FOR LOCAL RESIDENTS AND COMMERCIAL PROPERTY MUST BE MAINTAINED DURING THE FULL CLOSURE.



STAGE CONSTRUCTION

- USING SINGLE LANE CLOSURES
- CONSTRUCT 2" HMA SURFACE COURSE
- CONSTRUCT 8" HMA SHOULDER
- CONSTRUCT 6" AGGREGATE SHOULDER

* WEST PORTION
(APPROX. IL 161 STA. 692+80 TO STA. 715+00)
(APPROX. SHATTUC RD STA. 100+00 TO STA. 104+10)



FILE NAME = D876887-sht-staging.dgn	USER NAME = freimthpd	DESIGNED - TC (AMECFW)	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGING ON WEST PORTION* OF IL 161			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10.0000' / in.	CHECKED - SLD (EFK-MOEN)	REVISED -					805	7BR, 7BR-1	CLINTON	259	36
Default	PLOT DATE = 8/17/2018	DATE -	REVISED -	SCALE: 1" = 10' SHEET 1 OF 4 SHEETS STA. TO STA.			CONTRACT NO. 76887					
ILLINOIS FED. AID PROJECT												

TEMPORARY EROSION AND SEDIMENT CONTROL						
LOCATION		ROAD SIDE	PERIMETER EROSION BARRIER	TEMPORARY EROSION CONTROL BLANKET	TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING 3 SEEDINGS
STA	TO	STA	LT / RT	FOOT	SQ YD	POUND
IL 161						
692+80	TO	693+43	RT	86	44	2.7
693+52	TO	700+00	RT	702	1295	80.3
700+35	TO	714+18	RT	1405	5747	356.2
714+30	TO	716+00	RT	188	717	44.4
716+00	TO	737+71	RT	2343		368.9
737+81	TO	742+10	RT	451		74.8
742+13	TO	749+00	RT	727		124.4
749+00	TO	753+50	RT	655	1869	115.8
753+69	TO	766+00	RT	1495	4820	298.7
692+80	TO	693+85	LT	122	181	11.2
694+15	TO	697+95	LT	385	1031	63.9
698+17	TO	699+40	LT	108	234	14.5
699+40	TO	701+45	LT	218	443	27.5
701+57	TO	703+90	LT	240	713	44.2
704+00	TO	705+46	LT	148	443	27.5
705+75	TO	713+90	LT	1225	4549	281.9
714+14	TO	716+50	LT	600	1329	82.4
716+50	TO	741+50	LT	2523		323.5
741+50	TO	742+11	LT	86	270	16.7
742+38	TO	743+50	LT	136	458	28.4
743+50	TO	749+50	LT	604		119.3
749+50	TO	766+00	LT	1687	6378	395.3
TOTAL				16134	30519	2903

DITCH CHECK & PIPE PROTECTION SCHEDULE							
STATION		ROAD SIDE	WIDTH	QUANTITY	TEMPORARY DITCH CHECK	INLET AND PIPE PROTECTION	
STA.	TO	STA.	LT/RT	FOOT	EACH	FOOT	
IL 161							
693+10	TO	693+75	LT	14	1	14	
693+25	TO	695+55	LT	14	2	28	
695+55	TO	697+87	LT	14	2	28	
698+28	TO	699+29	LT	14	1	14	
700+00	TO	701+33	LT	14	1	14	
701+69	TO	703+77	LT	14	2	28	
704+17	TO	705+30	LT	14	1	14	
741+10	TO	741+10	LT			1	
759+20	TO	765+70	LT	14	9	126	
695+60	TO	699+60	RT	14	3	42	
737+53	TO	737+53	RT			1	
741+80	TO	741+80	RT			1	
754+40	TO	755+98	RT	14	3	42	
756+02	TO	759+82	RT	14	7	98	
760+31	TO	765+70	RT	14	8	112	
NOLTINGS ROAD							
201+25	TO	202+50	LT	14	5	70	
201+25	TO	202+50	RT	14	3	42	
TOTAL					48	672	10

SEEDING SCHEDULE						
LOCATION			SEEDING CLASS 2A	NITROGEN FERTILIZER NUTRIENTS	PHOSPHORUS FERTILIZER NUTRIENTS	POTASSIUM FERTILIZER NUTRIENTS
STA	TO	STA	ACRE	LB	LB	LB
IL 161						
692+80	TO	693+43	0.01	1	1	1
693+52	TO	700+00	0.27	24	24	24
700+35	TO	714+18	1.19	107	107	107
714+30	TO	716+00	0.15	13	13	13
716+00	TO	737+71	1.23	111	111	111
737+81	TO	742+10	0.25	22	22	22
742+13	TO	749+00	0.41	37	37	37
749+00	TO	753+50	0.39	35	35	35
753+69	TO	766+00	1.00	90	90	90
692+80	TO	693+85	0.04	3	3	3
694+15	TO	697+95	0.21	19	19	19
698+17	TO	699+40	0.05	4	4	4
699+40	TO	701+45	0.09	8	8	8
701+57	TO	703+90	0.15	13	13	13
704+00	TO	705+46	0.09	8	8	8
705+75	TO	713+90	0.94	85	85	85
714+14	TO	716+50	0.27	25	25	25
716+50	TO	741+50	1.08	97	97	97
741+50	TO	742+11	0.06	5	5	5
742+38	TO	743+50	0.09	9	9	9
743+50	TO	749+50	0.40	36	36	36
749+50	TO	766+00	1.32	119	119	119
TOTAL			9.68	871	871	871

MODEL: Default
 FILE: \\mhc-pw\illinois\pwr\pwr\DOT\Documents\DOT Office\DIR\ct 8\Project\ct0876887\CADD\data\CAD\pwr\ct0876887-rpt-schedule.dgn


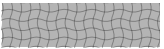



USER NAME = freimuthpd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/17/2018	DATE -	REVISED -

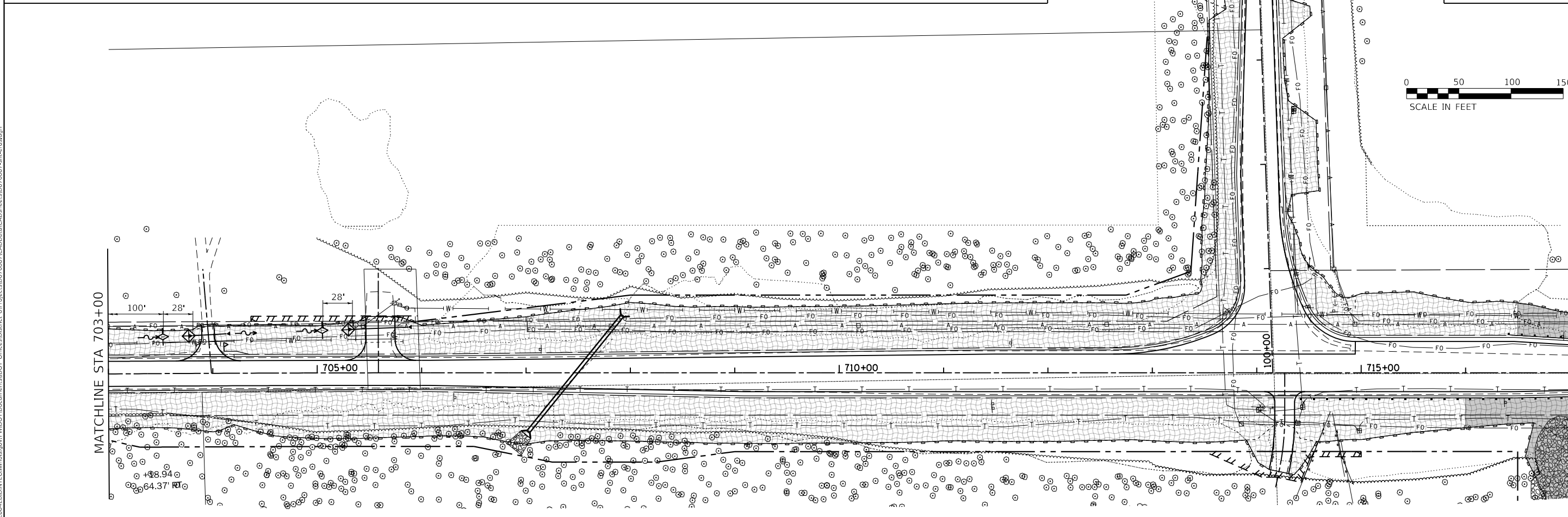
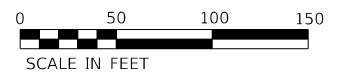
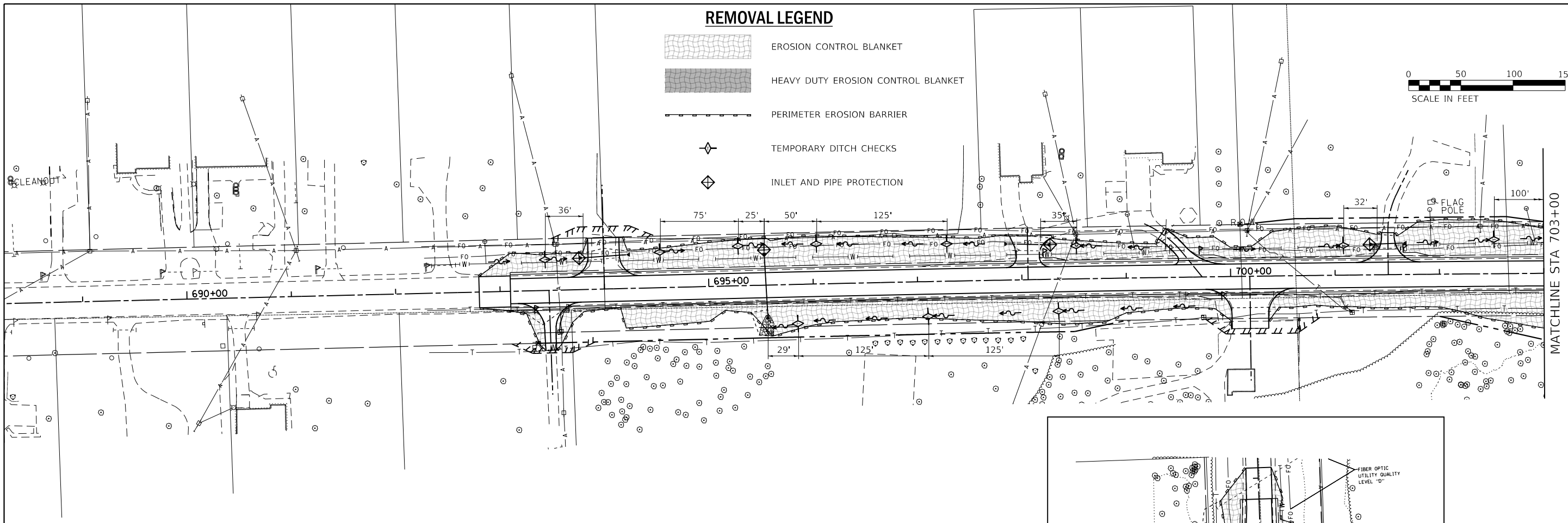
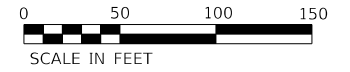
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL SHEETS			
(SWPPP)			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	37
CONTRACT NO. 76887				
		ILLINOIS	FED. AID PROJECT	

REMOVAL LEGEND

-  EROSION CONTROL BLANKET
-  HEAVY DUTY EROSION CONTROL BLANKET
-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECKS
-  INLET AND PIPE PROTECTION



MODEL: Default
 FILE: \\mhc-pw\util\B&E\ID\ITC\Illinois\gov\p\W\DOT\Documents\1\DOT - Offices\District 8\Projects\0876887\CADD\DATA\CAD\Project\0876887-rhe-eros.dgn

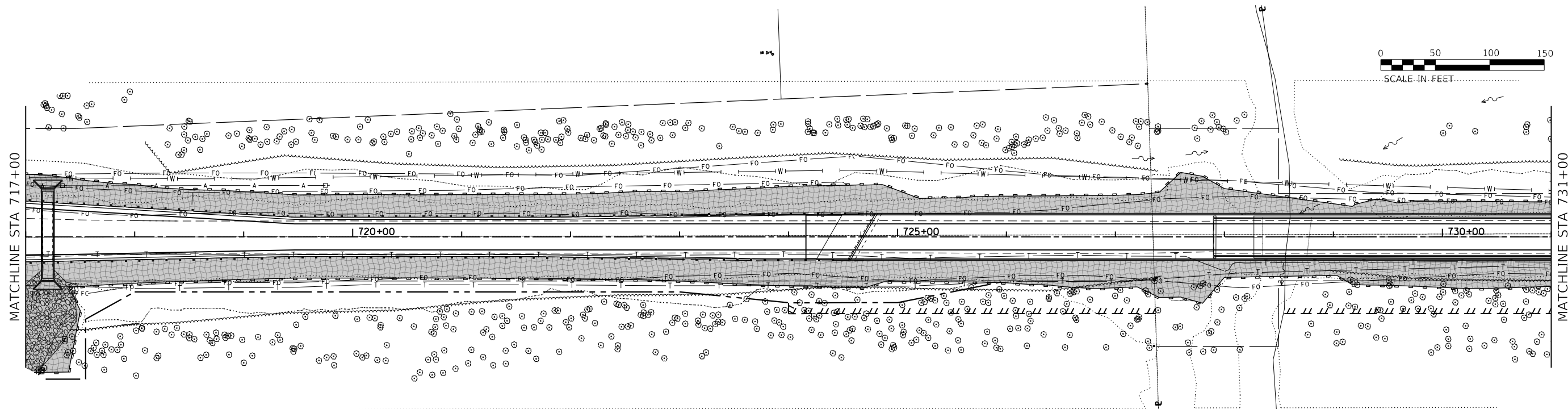
USER NAME = freimutpd	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/17/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



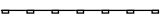


**EROSION AND SEDIMENT CONTROL SHEETS
(SWPPP)**

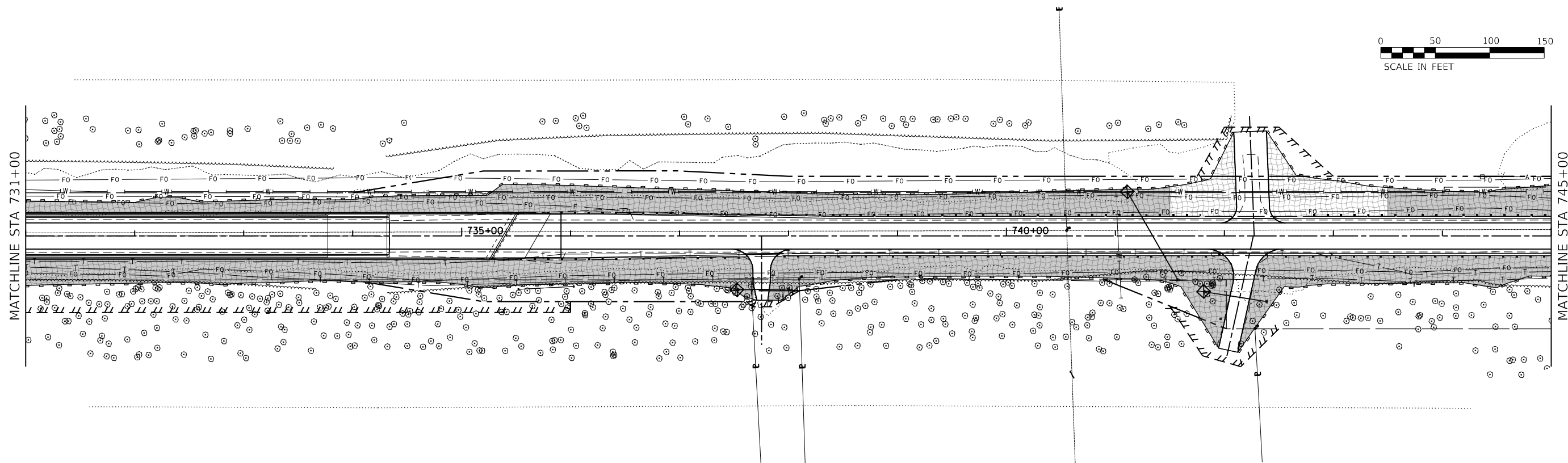
SCALE: 1" = 50' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	38
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				



REMOVAL LEGEND

-  EROSION CONTROL BLANKET
-  HEAVY DUTY EROSION CONTROL BLANKET
-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECKS
-  INLET AND PIPE PROTECTION



MODEL: Default
 FILE: \\mhc-pw\ulb\B4E\BID\NTEC\Illinois\gov\RW\DOT\Documents\1\DOT - Office\Director\B\Projects\0876887\CADD\B4E\CAD\p\erect\0876887_rpt-eros.dgn

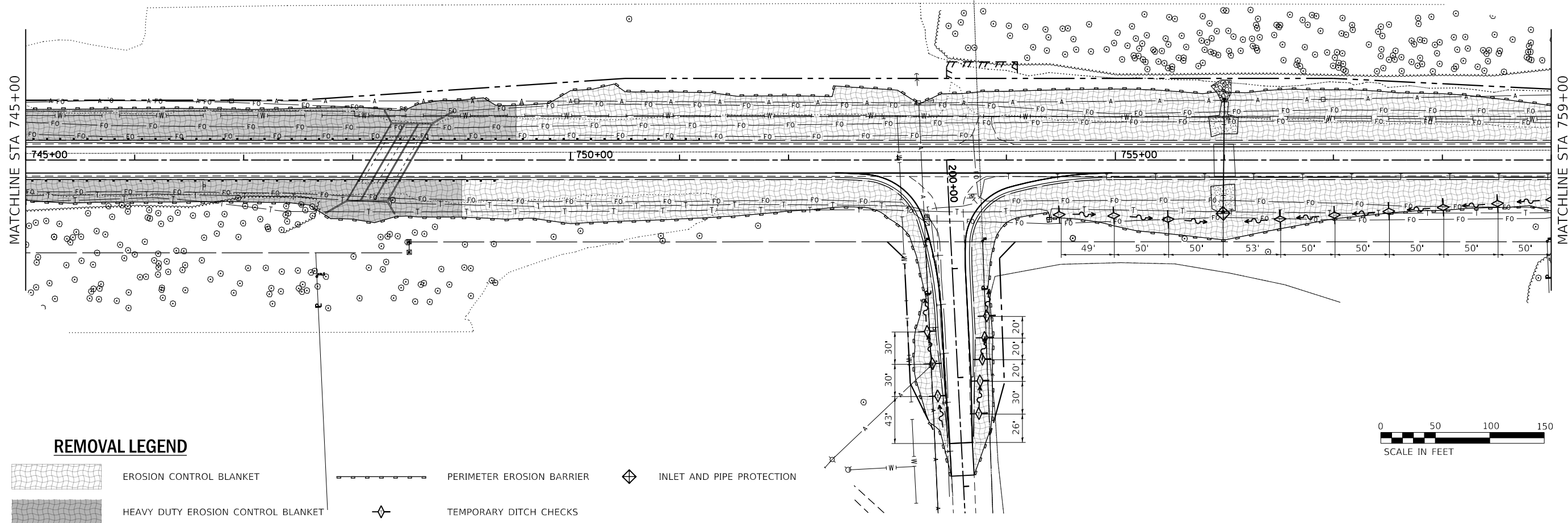
USER NAME = freimuthpd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/17/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL SHEETS
(SWPPP)**

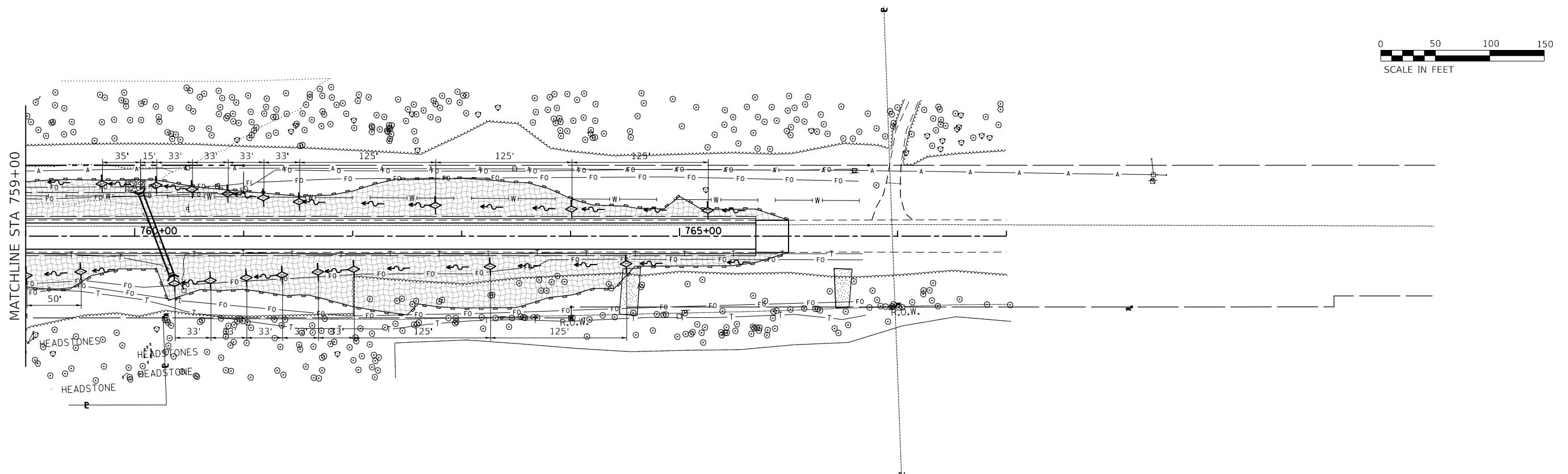
SCALE: 1" = 50' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	39
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				



REMOVAL LEGEND

- EROSION CONTROL BLANKET
- HEAVY DUTY EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECKS



USER NAME = freimutpd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/17/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL SHEETS
(SWPPP)**

SCALE: 1" = 50' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	40
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

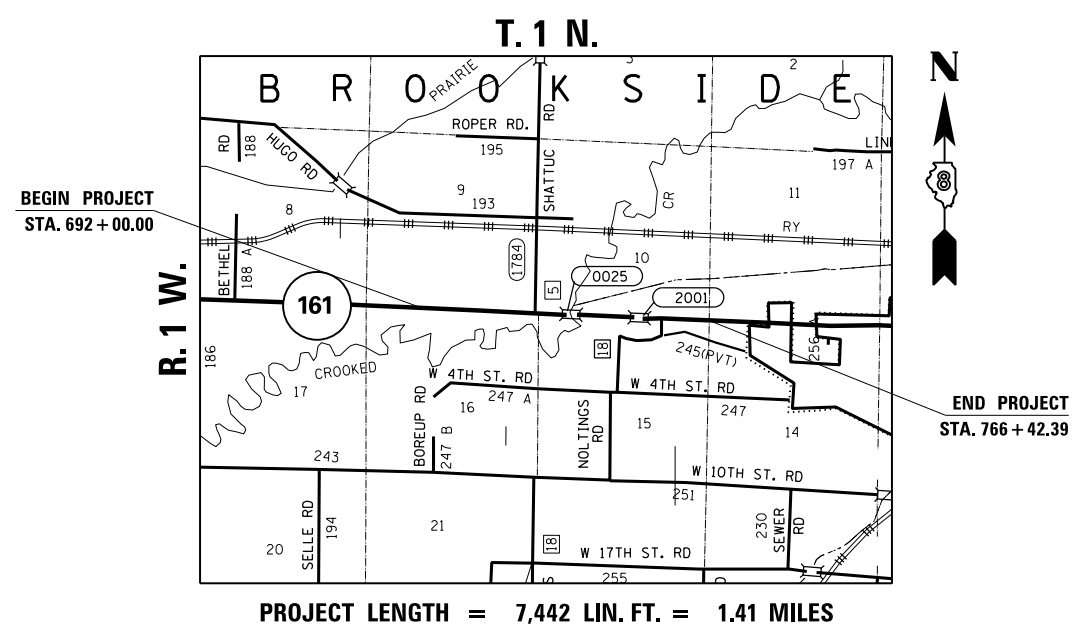
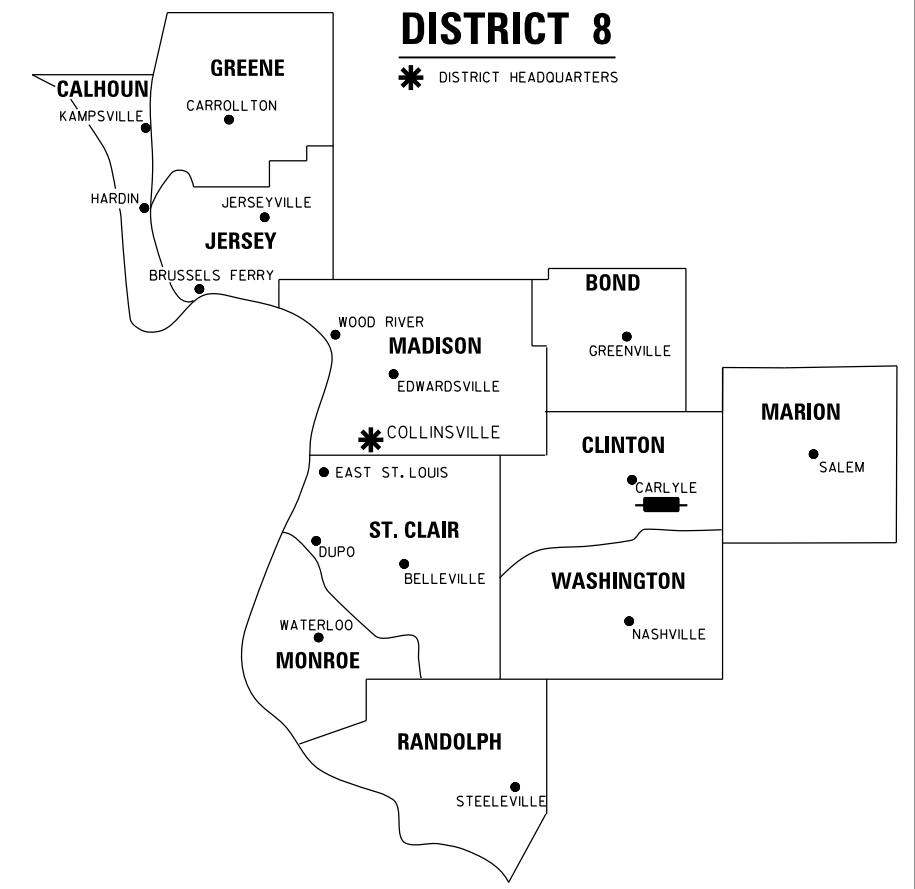
MODEL: Default
 FILE: \\mhc\p\ul\B&E\ID\NTEC\Illinois\p\ul\B&E\ID\NTEC\Office\Director\B\Projects\0876887\CADD\DATA\CAD\p\erect\0876887-rhe-eros.dgn

RECEIVED: 7-20-18

SPACE RESERVED FOR RECORDING OFFICER

SHEET INDEX		
SHEET NO.	DESCRIPTION	PARCEL NUMBER
1	COVER SHEET	
2	LEGEND & NOTES	
3	PLAT OF HIGHWAY	8921021, 8921022
4	PLAT OF HIGHWAY	8921011
5	PLAT OF HIGHWAY	8921012
6	PLAT OF HIGHWAY	8921013, 8921023
7	PLAT OF HIGHWAY	8921014, 8921024, 8921025
8	PLAT OF HIGHWAY	8921015
9	PLAT OF HIGHWAY	8921016, 8921026
10	PLAT OF HIGHWAY	8921017, 8921018, 8921027
11	PLAT OF HIGHWAY	8921019, 8921020, 8921028
12	TOTAL HOLDINGS	
13	TOTAL HOLDINGS	
14	TOTAL HOLDINGS	
15	TOTAL HOLDINGS	
16	TOTAL HOLDINGS	
17	TOTAL HOLDINGS	
18	SECTION DETAILS	
19	SECTION CORNER AND CONTROL TIE SHEET	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLAT OF HIGHWAYS
FAP ROUTE 805 (IL 161)
SECTION 7BR, 7BR-1
CLINTON COUNTY
JOB NO. R-98-021-09



PROJECT LENGTH = 7,442 LIN. FT. = 1.41 MILES

PREPARED BY:



2100 State Street, P.O. Box 1325
 Granite City, IL 62040-4725
 100 North Research Drive
 Edwardsville, IL 62025-3638
 330 N. Fourth Street, Suite 200
 St. Louis, MO 63102-2007
 555 West Central Rd, Suite 101
 Hoffman Estates, IL 60192-1942



AARON P. HUTSON SR, PLS NO. 3456
 LICENSE EXPIRATION DATE: 11/30/2018

SHEET 1 OF 19

ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	41
CONTRACT NO. 76887				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND FOR EXISTING TOPOGRAPHIC SYMBOLS

Table listing various topographic symbols and their corresponding features, including traffic signals, drainage lines, fences, and utility poles.

RIGHT OF WAY LEGEND

Table detailing symbols for right-of-way lines, including existing centerlines, easement lines, access control lines, and section lines.

LEGEND FOR ABBREVIATIONS

Table of abbreviations used in the drawing, such as A/C for Access Control, AV for Avenue, and ROW for Right of Way.

RECEIVED: 7-20-18

SPACE RESERVED FOR RECORDING OFFICER

PROPOSED PARCEL NUMBER LEGEND

Table showing proposed parcel numbers and their acquisition methods, such as 8001001 for Fee Simple Acquisition.

CURVE ABBREVIATIONS

Table of curve abbreviations including PC (Point of Curvature), PI (Point of Intersection), and CL (Central Line).

TOTAL HOLDING AREA SOURCE TABLE

Table listing 7 sources for holding area, ranging from survey performed by consultant to other records.

TOPOGRAPHIC STATEMENT

Text block stating that the topography shown hereon was provided to the surveyor by the Illinois Department of Transportation.

- List of items not shown: 1. BUILDINGS, 2. ADVERTISING SIGNS, 3.

BASIS OF COORDINATE & BEARING STATEMENT

Text block explaining that coordinates and bearings are based on survey control data from the Illinois Department of Transportation.

PREPARED BY:

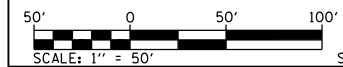


Contact information for Aaron P. Hutson Sr., including address and phone numbers.



Aaron P. Hutson Sr., PLS No. 3456, License Expiration Date: 11/30/2018

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 805 (IL 161)
SECTION 7BR, 7BR-1
CLINTON COUNTY
JOB NO. R-98-021-09



SCALE: 1" = 50' SHEET 2 OF 19

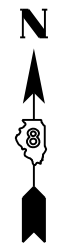
ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINGSVILLE, ILLINOIS 62234-6198

Summary table with columns for F.A.P. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., and CONTRACT NO. 76887

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

PART OF THE SW 14 OF THE SE 14 OF SECTION 9 AND NW 14, NE 14, SECTION 16, T. 1 N., R. 1 W., OF THE 3RD P.M., CLINTON COUNTY, ILLINOIS

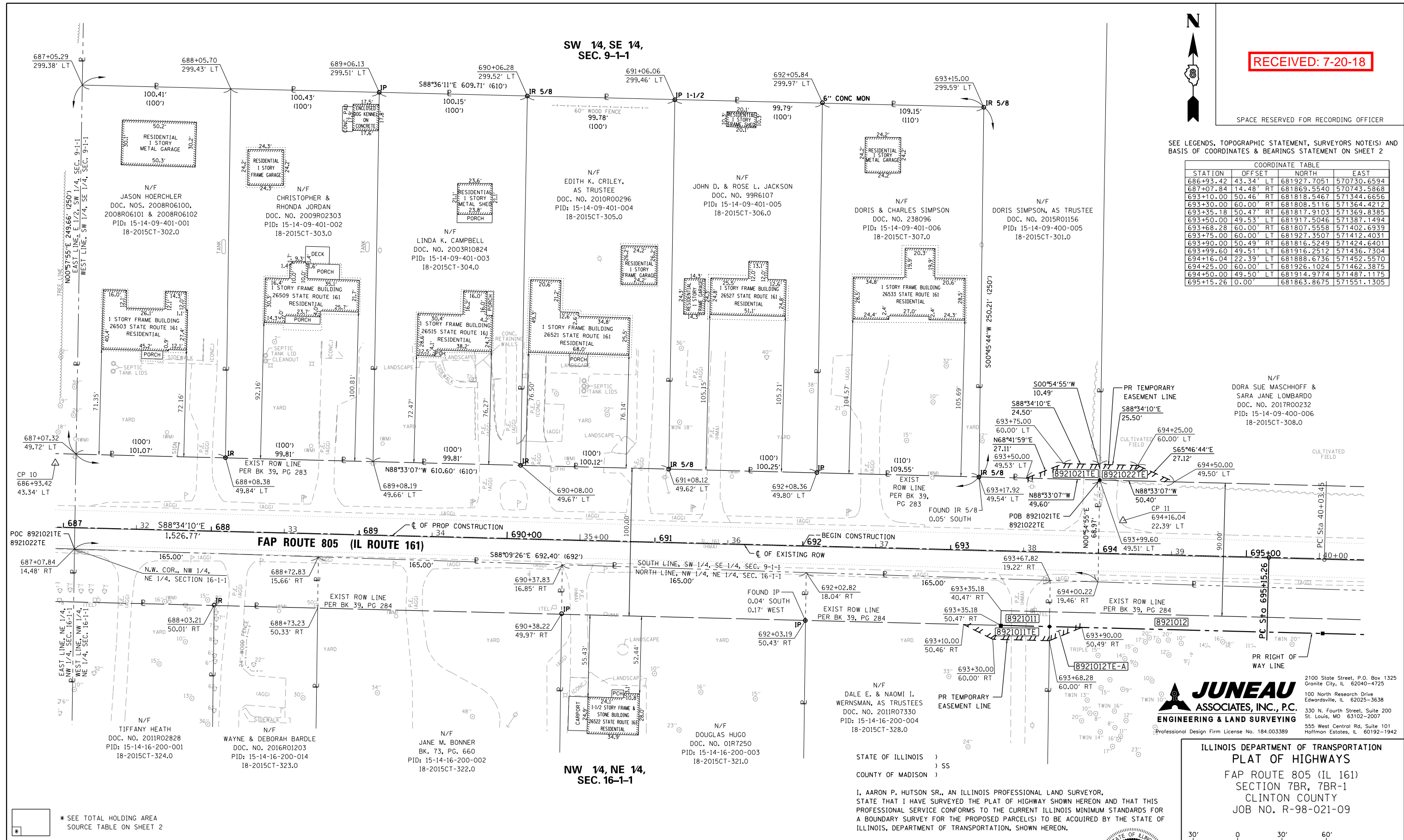
RECEIVED: 7-20-18



SPACE RESERVED FOR RECORDING OFFICER

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
686+93.42	43.34' LT	681927.7051	570730.6594
687+07.84	14.48' RT	681869.5540	570743.5868
693+10.00	50.46' RT	681818.5467	571344.6656
693+30.00	60.00' RT	681808.5116	571364.4212
693+35.18	50.47' RT	681817.9103	571369.8385
693+50.00	49.53' LT	681917.5046	571387.1494
693+68.28	60.00' RT	681807.5558	571402.6939
693+75.00	60.00' LT	681927.3507	571412.4031
693+90.00	50.49' RT	681816.5249	571424.6401
693+99.60	49.51' LT	681916.2512	571436.7304
694+16.04	22.39' LT	681888.6736	571452.5570
694+25.00	60.00' LT	681926.1024	571462.3875
694+50.00	49.50' LT	681914.9774	571487.1175
695+15.26	0.00'	681863.8675	571551.1305



JUNEAU ASSOCIATES, INC., P.C.
 ENGINEERING & LAND SURVEYING
 2100 State Street, P.O. Box 1325
 Granite City, IL 62040-4725
 100 North Research Drive
 Edwardsville, IL 62025-3638
 330 N. Fourth Street, Suite 200
 St. Louis, MO 63102-2007
 555 West Central Rd., Suite 101
 Hoffman Estates, IL 60192-1942
 Professional Design Firm License No. 184.003389

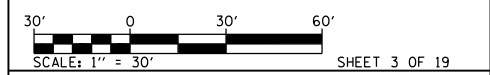
STATE OF ILLINOIS)
) SS
 COUNTY OF MADISON)

I, AARON P. HUTSON SR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____
 AARON P. HUTSON SR., PLS NO. 3456
 LICENSE EXPIRATION DATE: 11/30/2018



ILLINOIS DEPARTMENT OF TRANSPORTATION
 PLAT OF HIGHWAYS
 FAP ROUTE 805 (IL 161)
 SECTION 7BR, 7BR-1
 CLINTON COUNTY
 JOB NO. R-98-021-09



ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINGSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	43

COMPLETION DATE OF FIELD WORK PERFORMED
 LAND SURVEY: 01/23/17 ROW STAKING: 00/00/17

CONTRACT NO. 76887

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

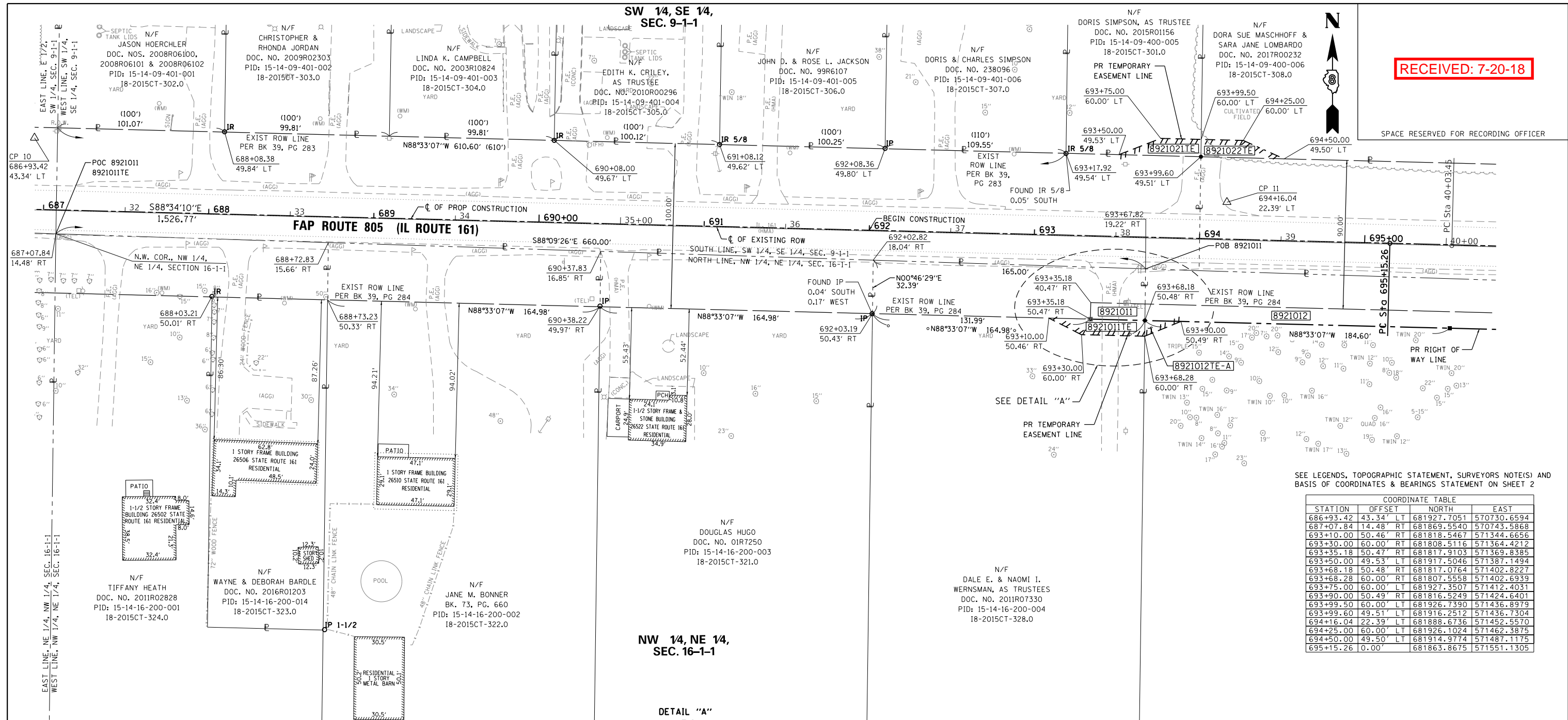
* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION				REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY			
			GROSS ACRES	SO. FT.	PREVIOUSLY DEDICATED ACRES	AND/OR USED SO. FT.		NET ACRES	SO. FT.			TE - TEMPORARY ACRES	SO. FT.	EASEMENT PURPOSE
8921021	DORIS SIMPSON, AS TRUSTEE OF THE DORIS SIMPSON REVOCABLE TRUST AGREEMENT DATED FEBRUARY 27, 2015 18-2015CT-301.0	37.0988	0.0000	0	0.0000	0	0.0000	0	37.0988	0.0089	388	ENTRANCE CONSTRUCTION & GRADING	15-14-09-400-005	
8921022	DORA SUE MASCHHOFF & SARA JANE LOMBARDO AS TENANTS IN COMMON, EACH AS TO AN UNDIVIDED 1/2 INTEREST 18-2015CT-308.0	37.5780	0.0000	0	0.0000	0	0.0000	0	37.5780	0.0091	398	ENTRANCE CONSTRUCTION & GRADING	15-14-09-400-006	

PART OF THE SW 14 OF THE SE 14 OF SECTION 9 AND NW 14, NE 14, SECTION 16, T. 1 N., R. 1 W., OF THE 3RD P.M., CLINTON COUNTY, ILLINOIS

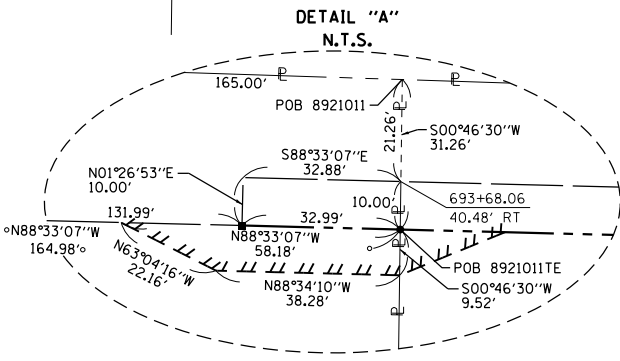
RECEIVED: 7-20-18

SPACE RESERVED FOR RECORDING OFFICER



SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

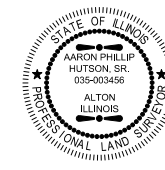
COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
686+93.42	43.34' LT	681927.7051	570730.6594
687+07.84	14.48' RT	681869.5540	570743.5868
693+10.00	50.46' RT	681818.5467	571344.6656
693+30.00	60.00' RT	681808.5116	571364.4212
693+35.18	50.47' RT	681817.9103	571369.8385
693+50.00	49.53' LT	681917.5046	571387.1494
693+68.18	50.48' RT	681817.0764	571402.8227
693+68.28	60.00' RT	681807.5558	571402.6939
693+75.00	60.00' LT	681927.3507	571412.4031
693+90.00	50.49' RT	681816.5249	571424.6401
693+99.50	60.00' LT	681926.7390	571436.8979
693+99.60	49.51' LT	681916.2512	571436.7304
694+16.04	22.39' LT	681888.6736	571452.5570
694+25.00	60.00' LT	681926.1024	571462.3875
694+50.00	49.50' LT	681914.9774	571487.1175
695+15.26	0.00'	681863.8675	571551.1305



STATE OF ILLINOIS)
) SS
 COUNTY OF MADISON)

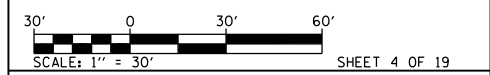
I, AARON P. HUTSON SR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____
 AARON P. HUTSON SR., PLS NO. 3456
 LICENSE EXPIRATION DATE: 11/30/2018



JUNEAU ASSOCIATES, INC., P.C.
 ENGINEERING & LAND SURVEYING
 2100 State Street, P.O. Box 1325
 Granite City, IL 62040-4725
 100 North Research Drive
 Edwardsville, IL 62025-3638
 330 N. Fourth Street, Suite 200
 St. Louis, MO 63102-2007
 555 West Central Rd, Suite 101
 Hoffman Estates, IL 60192-1942
 Professional Design Firm License No. 184.003389

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PLAT OF HIGHWAYS
 FAP ROUTE 805 (IL 161)
 SECTION 7BR, 7BR-1
 CLINTON COUNTY
 JOB NO. R-98-021-09



ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	44

CONTRACT NO. 76887

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

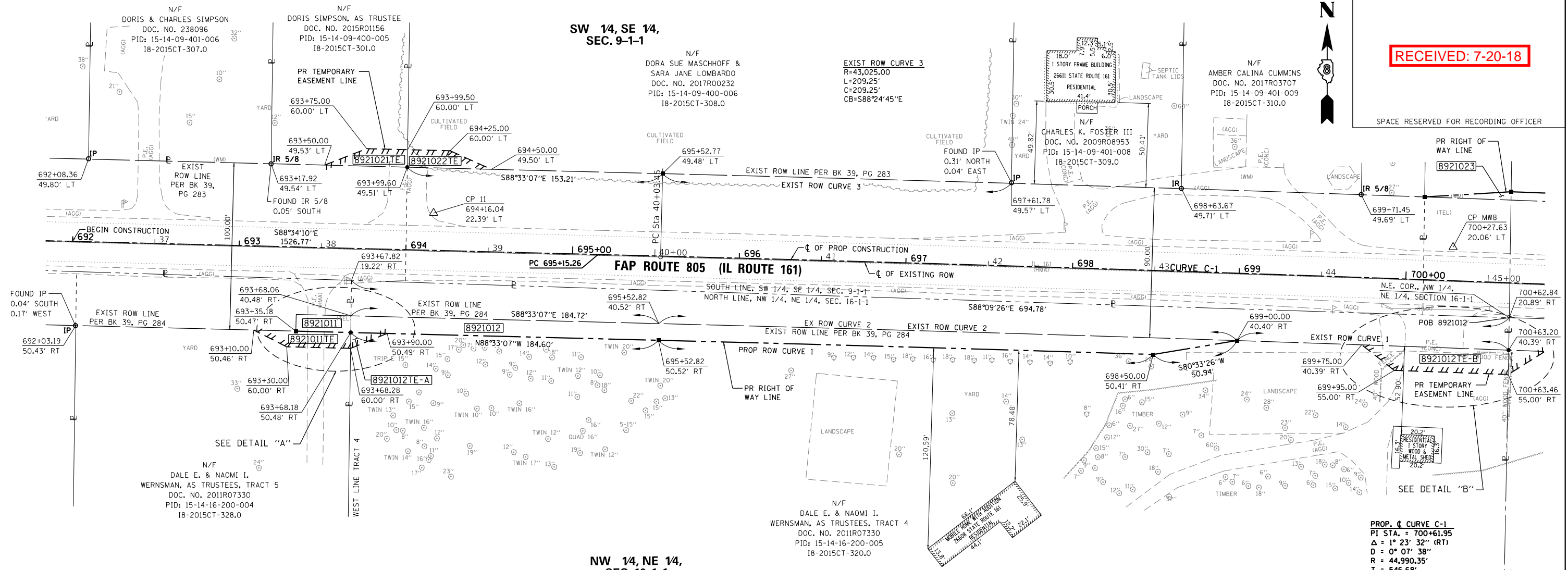
* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION				REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY		
			GROSS ACRES	SO. FT.	PREVIOUSLY DEDICATED AND/OR USED ACRES	SO. FT.		NET ACRES	SO. FT.			TE = TEMPORARY ACRES	SO. FT.
8921011	DALE E. WERNSMAN & NAOMI I. WERNSMAN, AS CO-TRUSTEES UNDER THE PROVISIONS OF A TRUST AGREEMENT DATED DECEMBER 15, 2011 & KNOWN AS THE DALE E. AND NAOMI I. WERNSMAN REAL ESTATE TRUST 18-2015CT-328.0	5.0442	0.1205	5,250	0.1130	4,921	0.0075	329	4,9237	0.0105	460	ENTRANCE CONSTRUCTION & GRADING	15-14-16-200-004

PART OF THE SW 14 OF THE SE 14 OF SECTION 9 AND NW 14, NE 14, SECTION 16, T. 1 N., R. 1 W., OF THE 3RD P.M., CLINTON COUNTY, ILLINOIS

RECEIVED: 7-20-18

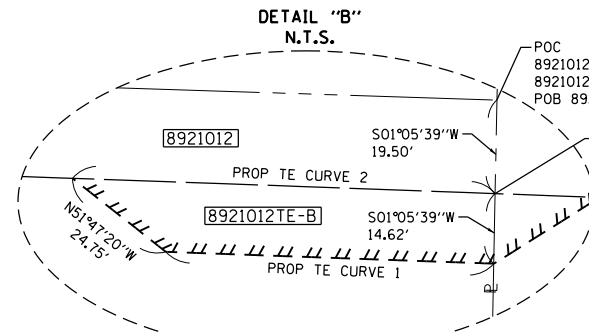
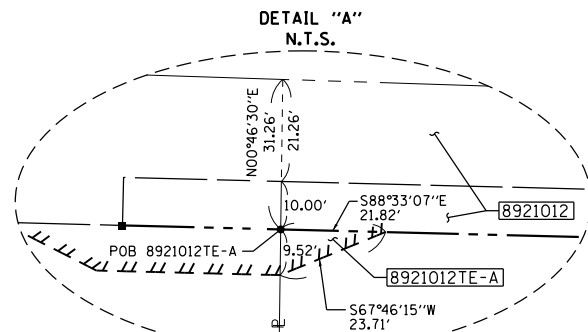
SPACE RESERVED FOR RECORDING OFFICER



NW 14, NE 14, SEC. 16-1-1

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
693+10.00	50.46' RT	681818.5467	571344.6656
693+30.00	60.00' RT	681808.5116	571364.4212
693+35.18	50.47' RT	681817.9103	571369.8385
693+50.00	49.53' LT	681917.5046	571387.1494
693+68.18	50.48' RT	681817.0764	571402.8227
693+68.28	60.00' RT	681807.5558	571402.6939
693+75.00	60.00' LT	681927.3507	571412.4031
693+90.00	50.49' RT	681816.5249	571424.6401
693+99.50	60.00' LT	681926.7390	571436.8979
693+99.60	49.51' LT	681916.2512	571436.7304
694+16.04	22.39' LT	681888.6736	571452.5570
694+25.00	60.00' LT	681926.1024	571462.3875
694+50.00	49.50' LT	681914.9774	571487.1175
695+15.26	0.00'	681863.8675	57155.1305
695+52.82	50.52' RT	681812.4111	571587.3669
698+50.00	50.41' RT	681803.8830	571884.0895
699+00.00	40.40' RT	681812.2409	571934.3418
699+71.45	49.69' LT	681899.8305	572008.8480
699+75.00	40.39' RT	681809.6765	572009.2351
699+95.00	55.00' RT	681794.3690	572028.6796
700+27.63	20.06' LT	681868.2220	572064.0490
700+62.84	20.89' RT	681825.9904	572097.6630
700+63.20	40.39' RT	681806.4941	572097.2907
700+63.46	55.00' RT	681791.8811	572097.0116



EXIST ROW CURVE 1
R=42,935.00
L=163.05'
C=163.05'
CB=N87°58'49"W

EXIST ROW CURVE 2
R=42,935.00
L=346.87'
C=346.87'
CB=S88°19'13"E

PROP. CURVE C-1
PI STA. = 700+61.95
Δ = 1° 23' 32" (RT)
D = 0° 07' 38"
R = 44,990.35'
T = 546.68'
L = 1,093.31'
E = 3.32'
P.C. STA = 695+15.26
P.T. STA = 706+08.57

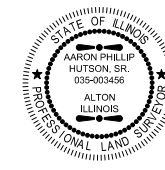
PROP TE CURVE 1
R=44,935.35
L=68.38'
C=68.38'
CB=N87°54'54"W

PROP TE CURVE 2
R=42,935.00
L=88.11'
C=88.11'
CB=S87°55'49"E

STATE OF ILLINOIS)
) SS
COUNTY OF MADISON)

I, AARON P. HUTSON SR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

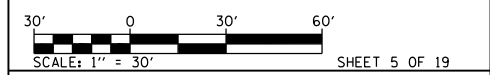
DATED _____
AARON P. HUTSON SR., PLS NO. 3456
LICENSE EXPIRATION DATE: 11/30/2018



JUNEAU ASSOCIATES, INC., P.C.
ENGINEERING & LAND SURVEYING
Professional Design Firm License No. 184.003389

2100 State Street, P.O. Box 1325
Granite City, IL 62040-4725
100 North Research Drive
Edwardsville, IL 62025-3638
330 N. Fourth Street, Suite 200
St. Louis, MO 63102-2007
555 West Central Rd, Suite 101
Hoffman Estates, IL 60192-1942

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 805 (IL 161)
SECTION 7BR, 7BR-1
CLINTON COUNTY
JOB NO. R-98-021-09



ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINGSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	45

COMPLETION DATE OF FIELD WORK PERFORMED _____
LAND SURVEY: 01/23/17 ROW STAKING: 00/00/17 CONTRACT NO. 76887

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

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION				REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY			
			GROSS ACRES	SO. FT.	PREVIOUSLY DEDICATED AND/OR USED			TE - TEMPORARY ACRES	EASEMENT PURPOSE					
					ACRES	SO. FT.						ACRES	SO. FT.	
892102	DALE E. WERNSMAN & NAOMI I. WERNSMAN, AS CO-TRUSTEES UNDER THE PROVISIONS OF A TRUST AGREEMENT DATED DECEMBER 15, 2011 & KNOWN AS THE DALE E. AND NAOMI I. WERNSMAN REAL ESTATE TRUST 18-2015CT-320.0	17.4062	0.4290	18,685	0.3126	13,618	0.1164	5,065	16.9772	A 0.0024 B 0.0263	A 104 B 1,144	A CONSTRUCTION & GRADING B ENTRANCE CONSTRUCTION & GRADING	15-14-16-200-005	

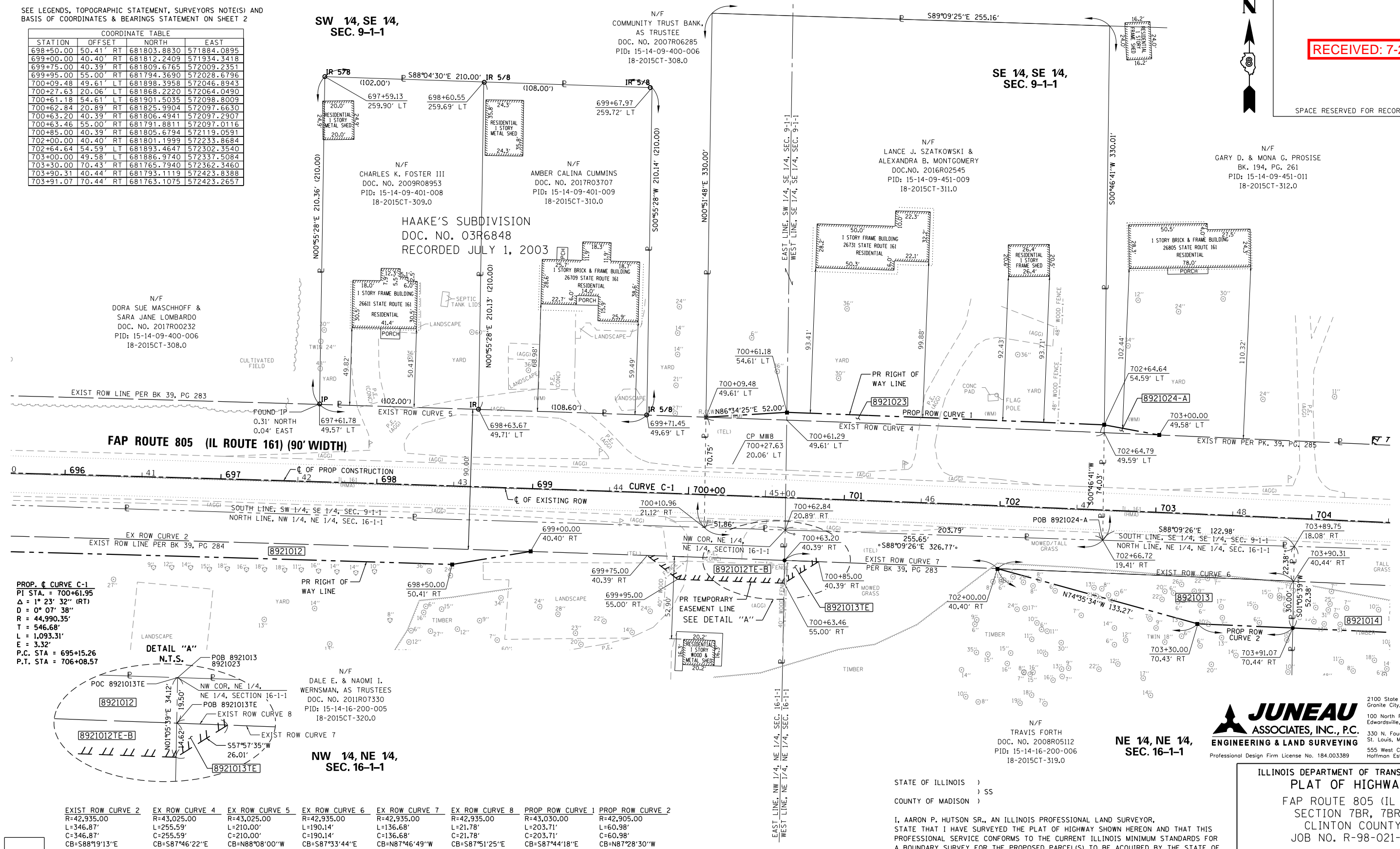
PART OF THE SE 14 OF SECTION 9 AND PART OF THE NE 14 OF SECTION 16, T. 1 N., R. 1 W., OF THE 3RD P.M., CLINTON COUNTY, ILLINOIS

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

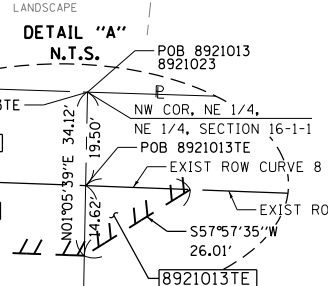
COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
698+50.00	50.41' RT	681803.8830	571884.0895
699+00.00	40.40' RT	681812.2409	571934.3418
699+75.00	40.39' RT	681809.6765	572009.2351
699+95.00	55.00' RT	681794.3690	572028.6796
700+09.48	49.61' LT	681898.3958	572046.8943
700+27.63	20.06' LT	681868.2220	572064.0490
700+61.18	54.61' LT	681901.5035	572098.8009
700+62.84	20.89' RT	681825.9904	572097.6630
700+63.20	40.39' RT	681806.4941	572097.2907
700+63.46	55.00' RT	681791.8811	572097.0116
700+85.00	40.39' RT	681805.6794	572119.0591
702+00.00	40.40' RT	681801.1999	572233.8684
702+64.64	54.59' LT	681893.4647	572302.3540
703+00.00	49.58' LT	681886.9740	572337.5084
703+30.00	70.43' RT	681765.7940	572362.3460
703+90.31	40.44' RT	681793.1119	572423.8388
703+91.07	70.44' RT	681763.1075	572423.2657

RECEIVED: 7-20-18

SPACE RESERVED FOR RECORDING OFFICER



PROP. CURVE C-1
 PI STA. = 700+61.95
 Δ = 1° 23' 32" (RT)
 D = 0° 07' 38"
 R = 44,990.35'
 T = 546.68'
 L = 1,093.31'
 E = 3.32'
 P.C. STA. = 695+15.26
 P.T. STA. = 706+08.57



N/F
 DALE E. & NAOMI I.
 WERNSMAN, AS TRUSTEES
 DOC. NO. 2011R07330
 PID: 15-14-16-200-005
 18-2015CT-320.0

STATE OF ILLINOIS)
) SS
 COUNTY OF MADISON)

I, AARON P. HUTTON SR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____
 AARON P. HUTTON SR., PLS NO. 3456
 LICENSE EXPIRATION DATE: 11/30/2018



JUNEAU ASSOCIATES, INC., P.C.
 ENGINEERING & LAND SURVEYING
 Professional Design Firm License No. 184.003389
 2100 State Street, P.O. Box 1325
 Granite City, IL 62040-4725
 100 North Research Drive
 Edwardsville, IL 62025-3638
 330 N. Fourth Street, Suite 200
 St. Louis, MO 63102-2007
 555 West Central Rd, Suite 101
 Hoffman Estates, IL 60192-1942

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PLAT OF HIGHWAYS
 FAP ROUTE 805 (IL 161)
 SECTION 7BR, 7BR-1
 CLINTON COUNTY
 JOB NO. R-98-021-09

SCALE: 1" = 30'		SHEET 6 OF 19	
ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
805	7BR, 7BR-1	CLINTON	259 46
COMPLETION DATE OF FIELD WORK PERFORMED			
LAND SURVEY: 01/23/17		ROW STAKING: 00/00/17	
CONTRACT NO. 76887			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION			REMAINDER		EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY			
			GROSS ACRES	SO. FT.	PREVIOUSLY DEDICATED AND/OR USED ACRES	NET ACRES	SO. FT.	ACRES	SO. FT.			TE - TEMPORARY ACRES	SO. FT.	EASEMENT PURPOSE
8921013	TRAVIS FORTH 18-2015CT-319.0	10.0000	0.2420	10,543	0.1563	6,810	0.0857	3,733	9,7580	0.0037	159	CONSTRUCTION & GRADING	15-14-16-200-006	
8921023	LANCE J. SZATKOWSKI & ALEXANDRA B. MONTGOMERY, AS JOINT TENANTS 18-2015CT-311.0	1.9346	0.4371	19,040	0.4108	17,893	0.0263	1,147	1,4975	0.0000	0	XXX	15-14-09-451-009	

* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

PART OF THE SE 1/4 OF SECTION 9 AND THE NE 1/4 OF SECTION 16, T. 1 N., R. 1 W., OF THE 3RD P.M., CLINTON COUNTY, ILLINOIS

PROP. CURVE C-1
 PI STA. = 700+61.95
 $\Delta = 1^\circ 23' 32''$ (RT)
 D = 0' 07' 38"
 R = 44,990.35'
 T = 546.68'
 L = 1,093.31'
 E = 3.32'
 P.C. STA. = 695+15.26
 P.T. STA. = 706+08.57

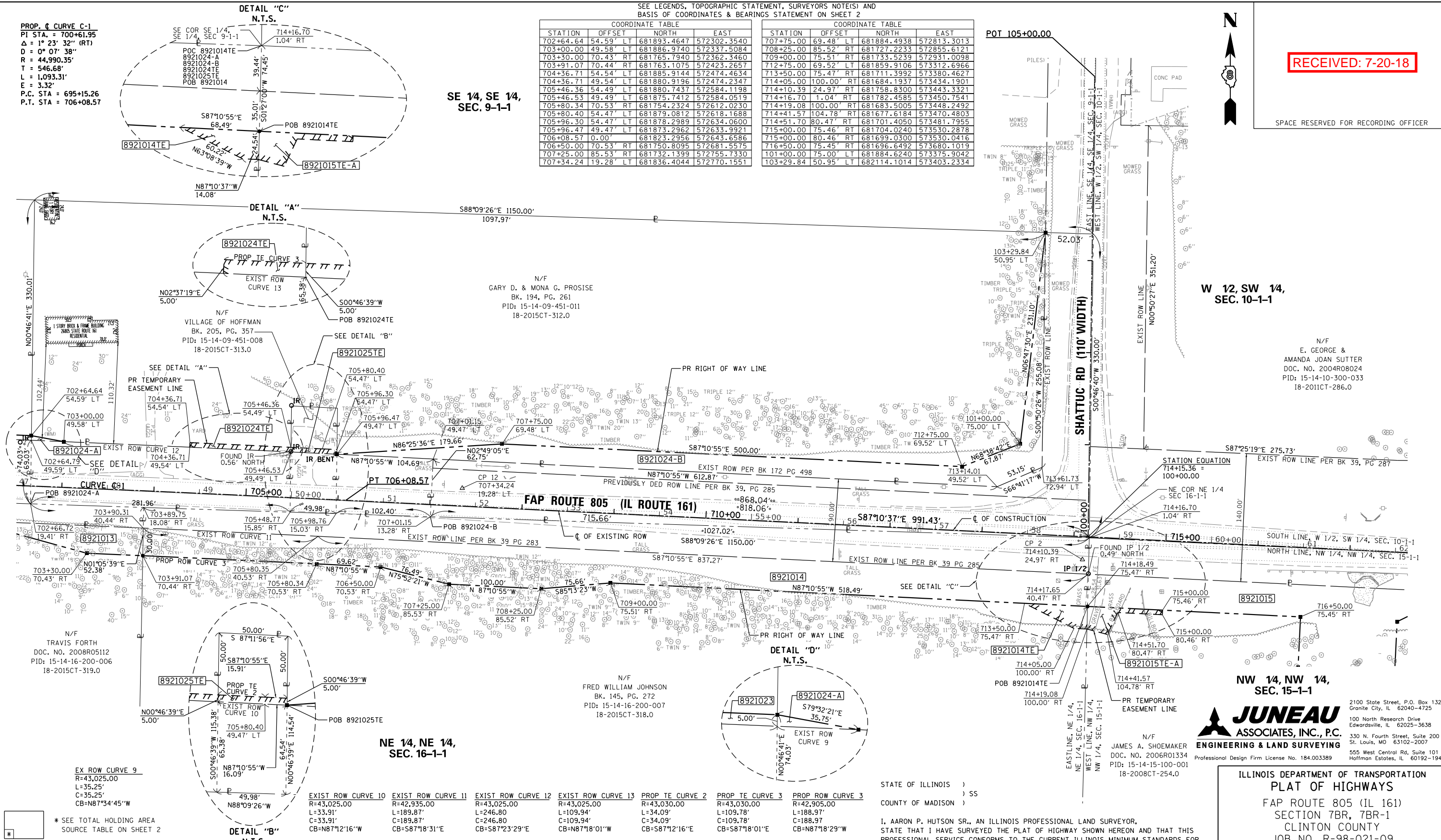
SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
702+64.64	54.59' LT	681893.4647	572302.3540
703+00.00	49.58' LT	681886.9740	572337.5084
703+30.00	70.43' RT	681765.7940	572362.3460
703+91.07	70.44' RT	681763.1075	572423.2657
704+36.71	54.54' LT	681885.9144	572474.4634
704+36.71	49.54' LT	681880.9196	572474.2347
705+46.36	54.49' LT	681880.7437	572584.1198
705+46.53	49.49' LT	681875.7412	572584.0519
705+80.34	70.53' RT	681754.2324	572612.0230
705+80.40	54.47' LT	681879.0812	572618.1688
705+96.30	54.47' LT	681878.2989	572634.0600
705+96.47	49.47' LT	681873.2962	572633.9921
706+08.57	0.00'	681823.2956	572643.6586
706+50.00	70.53' RT	681750.8095	572681.5575
707+25.00	85.53' RT	681732.1399	572755.7330
707+34.24	19.28' LT	681836.4044	572770.1551

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
707+75.00	69.48' LT	681884.4938	572813.3013
708+25.00	85.52' RT	681727.2233	572855.6121
709+00.00	75.51' RT	681733.5239	572931.0098
712+75.00	69.52' LT	681859.9106	573312.6966
713+50.00	75.47' RT	681711.3992	573380.4627
714+05.00	100.00' RT	681684.1937	573434.1901
714+10.39	24.97' RT	681758.8300	573443.3321
714+16.70	1.04' RT	681782.4585	573450.7541
714+19.08	100.00' RT	681782.4585	573450.7541
714+41.57	104.78' RT	681677.6184	573470.4803
714+51.70	80.47' RT	681701.4050	573481.7955
715+00.00	75.46' RT	681704.0240	573530.2878
715+00.00	80.46' RT	681699.0300	573530.0416
716+50.00	75.46' RT	681696.6492	573680.1019
101+00.00	75.00' LT	681884.6240	573375.9042
103+29.84	50.95' LT	682114.1014	573403.2334

RECEIVED: 7-20-18

SPACE RESERVED FOR RECORDING OFFICER



SE 1/4, SE 1/4, SEC. 9-1-1

W 1/2, SW 1/4, SEC. 10-1-1

NE 1/4, NE 1/4, SEC. 16-1-1

NW 1/4, NW 1/4, SEC. 15-1-1

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION				EASEMENTS				PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY		
			GROSS ACRES	SO. FT.	PREVIOUSLY DEDICATED AND/OR USED ACRES	NET ACRES	REMAINDER ACRES	TE = TEMPORARY ACRES	EASEMENT PURPOSE					
8921014	FRED WILLIAM JOHNSON 18-2015CT-318.0	17.0002	1.5556	67,760	0.7249	31,576	0.8307	36,184	15.4446	0.0232	1,013	ENTRANCE CONSTRUCTION & GRADING	15-14-16-200-007	
8921024	GARY D. PROSISE & MONA G. PROSISE, HUSBAND AND WIFE, AS JOINT TENANTS 18-2015CT-312.0	7.2969	0.9856	42,932	0.5872	25,578	A 0.0021 B 0.3963	A 89 B 17,265	6.3113	0.0126	549	CONSTRUCTION & GRADING	15-14-09-451-011	
8921025	VILLAGE OF HOFFMAN, A MUNICIPAL CORPORATION 18-2015CT-313.0	0.1319	0.0000	0	0.0000	0	0.0000	0	0.1319	0.0057	250	ENTRANCE CONSTRUCTION & GRADING	15-14-09-451-008	

STATE OF ILLINOIS)
 COUNTY OF MADISON) SS

I, AARON P. HUTSON SR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____

AARON P. HUTSON SR., PLS NO. 3456
 LICENSE EXPIRATION DATE: 11/30/2018

JUNEAU ASSOCIATES, INC., P.C.
 ENGINEERING & LAND SURVEYING
 Professional Design Firm License No. 184.003389

N/F
 JAMES A. SHOEMAKER
 DOC. NO. 2006R01334
 PID: 15-14-15-100-001
 18-2008CT-254.0

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PLAT OF HIGHWAYS
 FAP ROUTE 805 (IL 161)
 SECTION 7BR, 7BR-1
 CLINTON COUNTY
 JOB NO. R-98-021-09

SCALE: 1" = 50'			
SHEET 7 OF 19			
ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
805	7BR, 7BR-1	CLINTON	259
			SHEET NO.
			47
COMPLETION DATE OF FIELD WORK PERFORMED			
LAND SURVEY: 01/23/17		ROW STAKING: 00/00/17	
CONTRACT NO. 76887			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

PART OF THE SW 1/4 OF SECTION 10 AND PART OF THE NW 1/4 OF SECTION 15, T. 1 N., R. 1 W., OF THE 3RD P.M., CLINTON COUNTY, ILLINOIS

RECEIVED: 7-20-18

SPACE RESERVED FOR RECORDING OFFICER

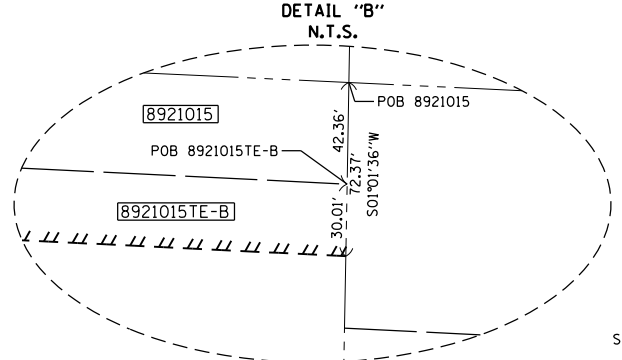
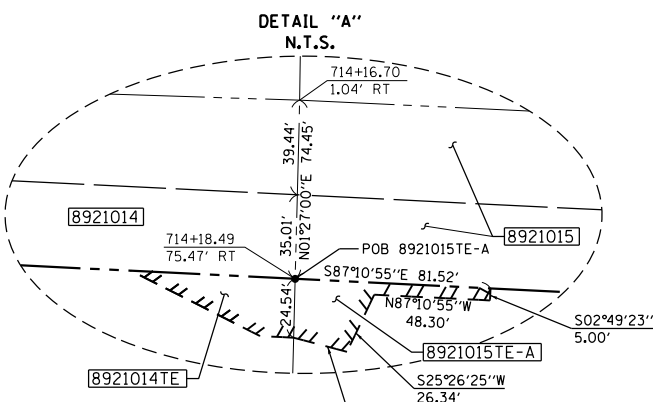
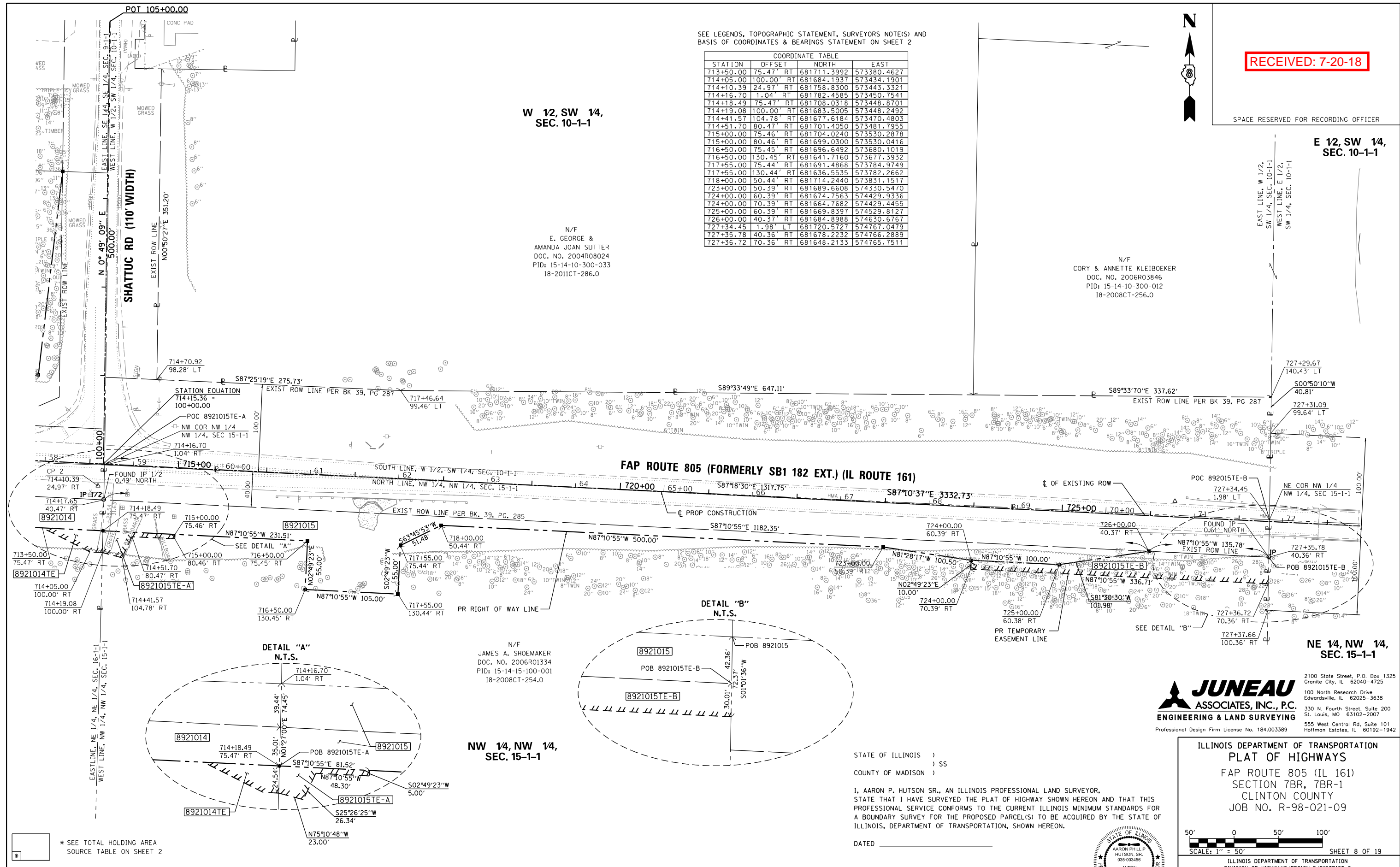
SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

STATION	OFFSET	NORTH	EAST
713+50.00	75.47' RT	681711.3992	573380.4627
714+05.00	100.00' RT	681684.1937	573434.1901
714+10.39	24.97' RT	681758.8300	573443.3321
714+16.70	1.04' RT	681782.4585	573450.7541
714+18.49	75.47' RT	681708.0318	573448.8701
714+19.08	100.00' RT	681683.5005	573448.2492
714+41.57	104.78' RT	681677.6184	573470.4803
714+51.70	80.47' RT	681701.4050	573481.7955
715+00.00	75.46' RT	681704.0240	573530.2878
715+00.00	80.46' RT	681699.0300	573530.0416
716+50.00	75.45' RT	681696.6492	573680.1019
716+50.00	130.45' RT	681641.7160	573677.3932
717+55.00	75.44' RT	681691.4868	573784.9749
717+55.00	130.44' RT	681636.5535	573782.2662
718+00.00	50.44' RT	681714.2440	573831.1517
723+00.00	50.39' RT	681689.6608	574330.5470
724+00.00	60.39' RT	681674.7563	574429.9336
724+00.00	70.39' RT	681664.7682	574429.4455
725+00.00	60.39' RT	681669.8397	574529.8127
726+00.00	40.37' RT	681684.8988	574630.6767
727+34.45	1.98' LT	681720.5727	574767.0479
727+35.78	40.36' RT	681678.2232	574766.2889
727+36.72	70.36' RT	681648.2133	574765.7511

W 12, SW 14,
SEC. 10-1-1

N/F
E. GEORGE &
AMANDA JOAN SUTTER
DOC. NO. 2004R08024
PID: 15-14-10-300-033
18-2011CT-286.0

N/F
CORY & ANNETTE KLEIBOEKER
DOC. NO. 2006R03846
PID: 15-14-10-300-012
18-2008CT-256.0



N/F
JAMES A. SHOEMAKER
DOC. NO. 2006R01334
PID: 15-14-15-100-001
18-2008CT-254.0

NW 14, NW 14,
SEC. 15-1-1

STATE OF ILLINOIS)
) SS
COUNTY OF MADISON)

I, AARON P. HUTSON SR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR,
STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS
PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A
BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF
ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

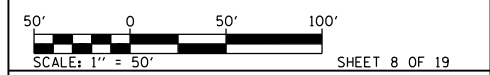
DATED _____
AARON P. HUTSON SR., PLS NO. 3456
LICENSE EXPIRATION DATE: 11/30/2018



JUNEAU ASSOCIATES, INC., P.C.
ENGINEERING & LAND SURVEYING
Professional Design Firm License No. 184.003389

2100 State Street, P.O. Box 1325
Granite City, IL 62040-4725
100 North Research Drive
Edwardsville, IL 62025-3638
330 N. Fourth Street, Suite 200
St. Louis, MO 63102-2007
555 West Central Rd., Suite 101
Hoffman Estates, IL 60192-1942

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 805 (IL 161)
SECTION 7BR, 7BR-1
CLINTON COUNTY
JOB NO. R-98-021-09



ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	48

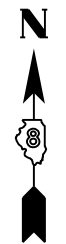
CONTRACT NO. 76887

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

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION				REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY			
			GROSS		NET			TE = TEMPORARY						
			ACRES	SO. FT.	ACRES	SO. FT.		ACRES	SO. FT.			ACRES	SO. FT.	
8921015	JAMES A. SHOEMAKER 18-2008CT-254.0	40.4761	1.8816	81,962	1.2370	53,882	0.6446	28,080	38.5945	A 0.0236 B 0.1627	A 1,028 B 7,087	A ENTRANCE CONSTRUCTION & GRADING B HIGHWAY BRIDGE CONSTRUCTION & GRADING	15-14-15-100-001	

RECEIVED: 7-20-18

SPACE RESERVED FOR RECORDING OFFICER



CENTER OF SECTION 10
IR

W 12, SW 14,
SEC. 10-1-1

E 12, SW 14,
SEC. 10-1-1

N/F
CORY & ANNETTE KLEIBOEKER
DOC. NO. 2006R03846
PID: 15-14-10-300-012
18-2008CT-256.0

N/F
ROBERT I. GUSTAFSON &
ROBERT L. GEARY
BK. 230, PG. 218
PID: 15-14-10-300-013
18-2008CT-257.0

N/F
JAMES A. SHOEMAKER
DOC. NO. 2006R01334
PID: 15-14-15-100-001
18-2008CT-254.0

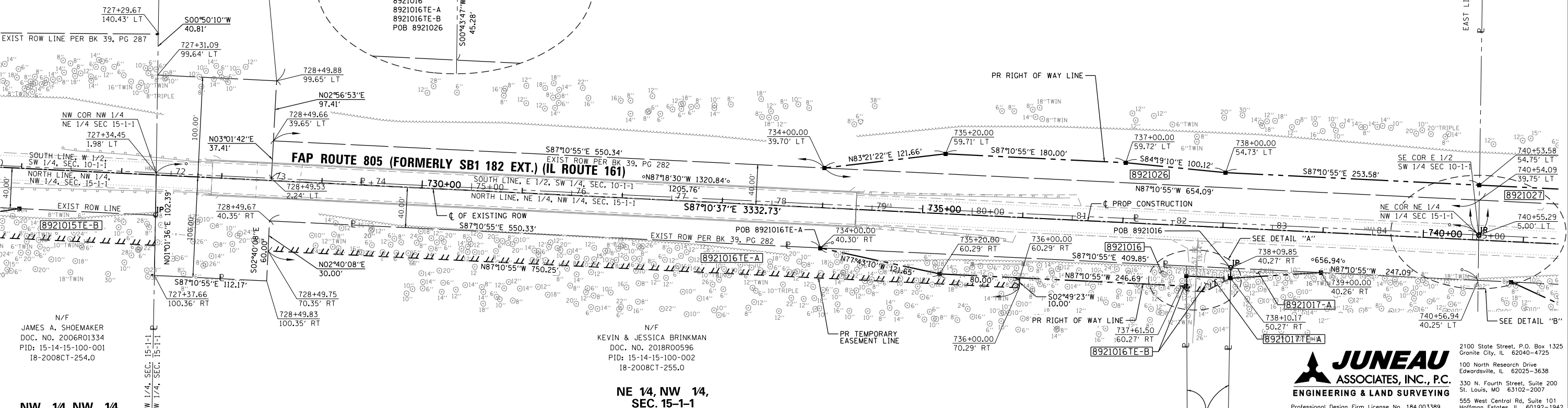
N/F
KEVIN & JESSICA BRINKMAN
DOC. NO. 2018R00596
PID: 15-14-15-100-002
18-2008CT-255.0

NW 14, NW 14,
SEC. 15-1-1

NE 14, NW 14,
SEC. 15-1-1

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

STATION	OFFSET	NORTH	EAST
727+34.45	1.98' LT	681720.5727	574767.0479
728+49.75	70.35' RT	681642.6559	574878.6480
734+00.00	39.70' LT	681725.4687	575433.9491
734+00.00	40.30' RT	681645.5658	575429.7092
735+20.00	59.71' LT	681739.5445	575554.4890
735+20.00	60.29' RT	681619.6901	575548.5791
736+00.00	60.29' RT	681615.7566	575628.4867
736+00.00	70.29' RT	681605.7688	575627.9920
737+00.00	59.72' LT	681730.6945	575734.2713
737+61.50	60.27' RT	681607.8164	575789.7881
737+66.15	50.27' RT	681617.5756	575794.9245
737+66.69	60.27' RT	681607.5615	575794.9660
737+85.94	65.00' RT	681602.8275	575794.9856
737+85.00	65.00' RT	681602.9379	575813.0257
738+00.00	54.73' LT	681720.7840	575833.9041
738+09.85	40.27' RT	681625.4150	575839.0632
738+10.17	50.27' RT	681615.4112	575838.8930
739+00.00	40.26' RT	681620.9826	575929.1045
740+53.58	54.75' LT	681708.3166	576087.1732
740+54.09	39.75' LT	681693.3094	576086.9505
740+55.29	5.00' LT	681658.5415	576086.4346



* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

STATE OF ILLINOIS)
) SS
COUNTY OF MADISON)

OVERLAP AREA

I, AARON P. HUTSON SR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____
AARON P. HUTSON SR., PLS NO. 3456
LICENSE EXPIRATION DATE: 11/30/2018



PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION			REMAINDER	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY				
			GROSS ACRES	SO. FT.	NET ACRES		SO. FT.	TE - TEMPORARY ACRES			SO. FT.	EASEMENT PURPOSE		
8921016	KEVIN BRINKMAN & JESSICA BRINKMAN AKA JESSICA E BRINKMAN, HUSBAND & WIFE, AS JOINT TENANTS 18-2008CT-255.0	15.0680	0.1507	6,564	0.0000	0	0.1507	6,564	14.9173	A 0.4524 B 0.0108	A 19,709 B 469	A HIGHWAY/BIDGE CONSTRUCTION & GRADING B ENTRANCE CONSTRUCTION & GRADING	15-14-15-100-002	
8921026	ROBERT I. GUSTAFSON AS TO AN UNDIVIDED 1/2 INTEREST & ROBERT L. GEARY AS TO AN UNDIVIDED 1/2 INTEREST 18-2008CT-257.0	14.6496	1.2360	53,839	0.9982	43,482	0.2378	10,357	13.4136	0.0000	0	XXX	15-14-10-300-013	

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 01/23/17	ROW STAKING: 00/00/17

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 805 (IL 161)
SECTION 7BR, 7BR-1
CLINTON COUNTY
JOB NO. R-98-021-09

50' 0 50' 100'
SCALE: 1" = 50'

SHEET 9 OF 19

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	49

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINGSVILLE, ILLINOIS 62234-6198

CONTRACT NO. 76887

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

PART OF THE SE 1/4 OF SECTION 10 AND THE NE 1/4 OF SECTION 15, T. 1 N., R. 1 W., OF THE 3RD P.M., CLINTON COUNTY, ILLINOIS

RECEIVED: 7-20-18

SPACE RESERVED FOR RECORDING OFFICER

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
737+65.62	40.27' RT	681627.5898	575794.8831
737+66.15	50.27' RT	681617.5756	575794.9245
737+66.94	65.00' RT	681602.8275	575794.9856
737+85.00	65.00' RT	681601.9379	575813.0257
738+00.00	54.73' LT	681720.7840	575833.9041
738+10.17	50.27' RT	681615.4112	575838.8930
739+00.00	40.26' RT	681620.9826	575929.1045
740+53.58	54.75' LT	681708.3166	576087.1732
740+55.29	5.00' LT	681658.5415	576086.4346
740+90.00	40.25' RT	681611.6410	576118.8747
741+50.00	64.39' RT	681584.5679	576177.6127
741+75.00	54.76' LT	681702.3466	576208.4506
741+80.00	110.00' RT	681537.5391	576205.3302
742+00.00	100.00' LT	681746.2992	576235.6482
742+01.79	40.24' RT	681606.1449	576230.5256
742+01.79	85.24' RT	681561.1993	576228.3131
742+15.00	120.00' RT	681525.8275	576239.7952
742+28.07	85.23' RT	681559.9073	576254.5595
742+29.19	105.90' RT	681539.2117	576254.6672
742+50.00	85.23' RT	681558.8290	576276.4650
742+50.00	100.00' LT	681743.8368	576285.5876
743+00.00	54.77' LT	681696.2008	576333.2994
747+50.00	54.81' LT	681674.0760	576782.7552
750+50.00	74.83' LT	681679.3016	577083.3819

E 12, SW 14, SEC. 10-1-1

SW 14, SE 14, SEC. 10-1-1

N/F ROBERT I. GUSTAFSON & ROBERT L. GEARY BK. 230, PG. 218 PID: 15-14-300-013 18-2008CT-257.0

N/F GAILA HODGES & MARTIN K. PHOENIX BK. 230, PG. 88 PID: 15-14-10-400-007 18-2009CT-265.0

N/F SHIRLEY WHITE DOC. NO. 00R4815 & 00R6026 PID: 15-14-15-100-019 18-2009CT-266.0

N/F WES & ELISHA LYNN MONKEN DOC. NO. 99R4101 PID: 15-14-15-200-012 18-2009CT-267.0

N/F HOWARD & MARY ANN KLEIBOEKER DOC. NO. 2007R0697 PID: 15-14-15-200-011 18-2015CT-317.0

JUNEAU ASSOCIATES, INC., P.C.
ENGINEERING & LAND SURVEYING
Professional Design Firm License No. 184.003389

2100 State Street, P.O. Box 1325 Granite City, IL 62040-4725
100 North Research Drive Edwardsville, IL 62025-3638
330 N. Fourth Street, Suite 200 St. Louis, MO 63102-2007
555 West Central Rd., Suite 101 Hoffman Estates, IL 60192-1942

STATE OF ILLINOIS)
) SS
COUNTY OF MADISON)

I, AARON P. HUTSON SR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____
AARON P. HUTSON SR., PLS NO. 3456
LICENSE EXPIRATION DATE: 11/30/2018



ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 805 (IL 161)
SECTION 7BR, 7BR-1
CLINTON COUNTY
JOB NO. R-98-021-09

50' 0 50' 100'
SCALE: 1" = 50' SHEET 10 OF 19

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	50

COMPLETION DATE OF FIELD WORK PERFORMED
LAND SURVEY: 01/23/17 ROW STAKING: 00/00/17

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

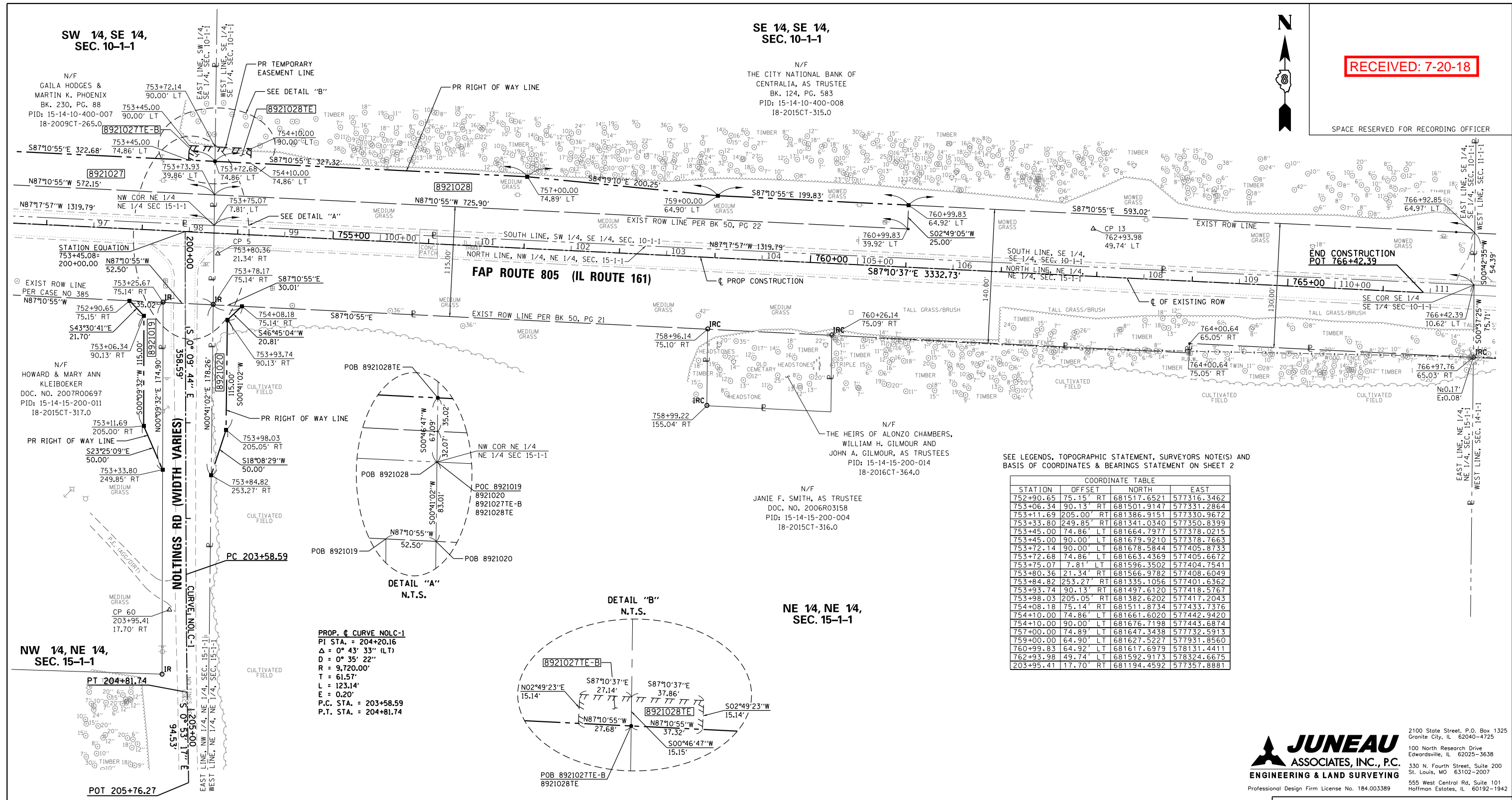
CONTRACT NO. 76887

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION			EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY				
			GROSS ACRES	SO. FT.	PREVIOUSLY DEDICATED AND/OR USED ACRES	NET SO. FT.	REMAINDER ACRES			TE = TEMPORARY ACRES	EASEMENT PURPOSE		
8921017	SHIRLEY WHITE 18-2009CT-266.0	9.9569	0.0782	3,407	0.0000	0	A 0.0205 B 0.0577	8.9878	A 0.0105 B 0.0464	A 457 B 2,022	A ENTRANCE CONSTRUCTION & GRADING B ENTRANCE CONSTRUCTION & GRADING	15-14-15-100-019	
8921018	WES MONKEN & ELISHA LYNN MONKEN, HUSBAND & WIFE, IN JOINT TENANCY 18-2009CT-267.0	10.8249	0.0000	0	0.0000	0	0.0000	10.8249	0.0052	227	CONSTRUCTION & GRADING	15-14-15-200-012	
8921027	GAILA HODGES & MARTIN K. PHOENIX AS TENANTS IN COMMON 18-2009CT-265.0	10.9940	1.6836	73,339	1.0579	46,084	0.6257	9.3104	A 0.0909 B 0.0095	A 3,958 B 415	A ENTRANCE CONSTRUCTION & GRADING B ENTRANCE CONSTRUCTION & GRADING	15-14-10-400-007	

PART OF THE SE 1/4 OF SECTION 10 AND PART OF THE NE 1/4 OF SECTION 15, T. 1 N., R. 1 W., OF THE 3RD P.M., CLINTON COUNTY, ILLINOIS

RECEIVED: 7-20-18

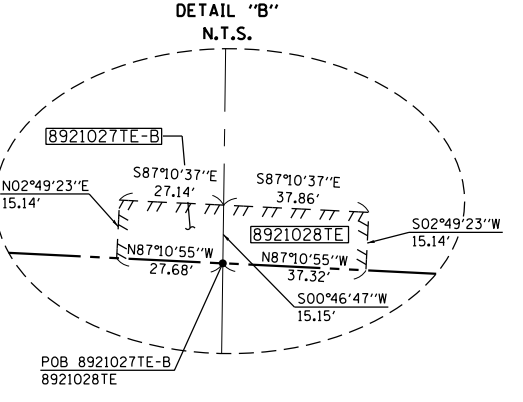
SPACE RESERVED FOR RECORDING OFFICER



SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

STATION	OFFSET	NORTH	EAST
752+90.65	75.15' RT	681517.6521	577316.3462
753+06.34	90.13' RT	681501.9147	577331.2864
753+11.69	205.00' RT	681386.9151	577330.9672
753+33.80	249.85' RT	681341.0340	577350.8399
753+45.00	74.86' LT	681664.7977	577378.0215
753+45.00	90.00' LT	681679.9210	577378.7663
753+72.14	90.00' LT	681678.5844	577405.8733
753+72.68	74.86' LT	681663.4369	577405.6672
753+75.07	7.81' LT	681596.3502	577404.7541
753+80.36	21.34' RT	681566.9782	577408.6049
753+84.82	253.27' RT	681335.1056	577401.6362
753+93.74	90.13' RT	681497.6120	577418.5767
753+98.03	205.05' RT	681382.6202	577417.2043
754+08.18	75.14' RT	681511.8734	577433.7376
754+10.00	74.86' LT	681661.6020	577442.9420
754+10.00	90.00' LT	681676.7198	577443.6874
757+00.00	74.89' LT	681647.3438	577732.5913
759+00.00	64.90' LT	681627.5227	577931.8560
760+99.83	64.92' LT	681617.6979	578131.4411
762+93.98	49.74' LT	681592.9173	578324.6675
203+95.41	17.70' RT	681194.4592	577357.8881

PROP. CURVE NOLC-1
 PI STA. = 204+20.16
 Δ = 0° 43' 33" (LT)
 D = 0° 35' 22"
 R = 9,720.00'
 T = 61.57'
 L = 123.14'
 E = 0.20'
 P.C. STA. = 203+58.59
 P.T. STA. = 204+81.74



NE 1/4, NE 1/4, SEC. 15-1-1

* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	GROSS		FEE SIMPLE ACQUISITION PREVIOUSLY DEDICATED AND/OR USED		NET		REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
			ACRES	SO. FT.	ACRES	SO. FT.	ACRES	SO. FT.		TE = TEMPORARY ACRES	EASEMENT PURPOSE		
8921019	HOWARD KLEIBOECKER AND MARY ANN KLEIBOECKER HUSBAND AND WIFE, IN JOINT TENANCY 18-2015CT-317.0	5.0369	0.0726	3,161	0.0000	0	0.0726	3,161	4.9643	0.0000	0	15-14-15-200-011	
8921020	JANIE F. SMITH, AS TRUSTEE UNDER THE PROVISIONS OF A TRUST AGREEMENT DATED APRIL 25, 2006, & KNOWN AS THE JANIE F. SMITH REVOCABLE LIVING TRUST 18-2015CT-316.0	37.4418	0.0557	2,424	0.0000	0	0.0557	2,424	37.3861	0.0000	0	15-14-15-200-004	
8921028	THE CITY NATIONAL BANK OF CENTRALIA, AS TRUSTEE UNDER THE PROVISIONS OF A TRUST AGREEMENT DATED MARCH 2, 1964 & KNOWN AS TRUST NUMBER LT-381 18-2015CT-315.0	40.2846	1.7858	77,791	1.2708	55,357	0.5150	22,434	38.4988	0.0131	569	15-14-10-400-008	

STATE OF ILLINOIS)
) SS
 COUNTY OF MADISON)

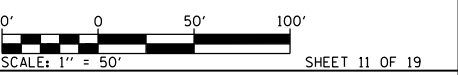
I, AARON P. HUTSON SR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____
 AARON P. HUTSON SR., PLS NO. 3456
 LICENSE EXPIRATION DATE: 11/30/2018



JUNEAU ASSOCIATES, INC., P.C.
 ENGINEERING & LAND SURVEYING
 Professional Design Firm License No. 184.003389
 2100 State Street, P.O. Box 1325
 Granite City, IL 62040-4725
 100 North Research Drive
 Edwardsville, IL 62025-3638
 330 N. Fourth Street, Suite 200
 St. Louis, MO 63102-2007
 555 West Central Rd., Suite 101
 Hoffman Estates, IL 60192-1942

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PLAT OF HIGHWAYS
 FAP ROUTE 805 (IL 161)
 SECTION 7BR, 7BR-1
 CLINTON COUNTY
 JOB NO. R-98-021-09



ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINGSVILLE, ILLINOIS 62234-6198

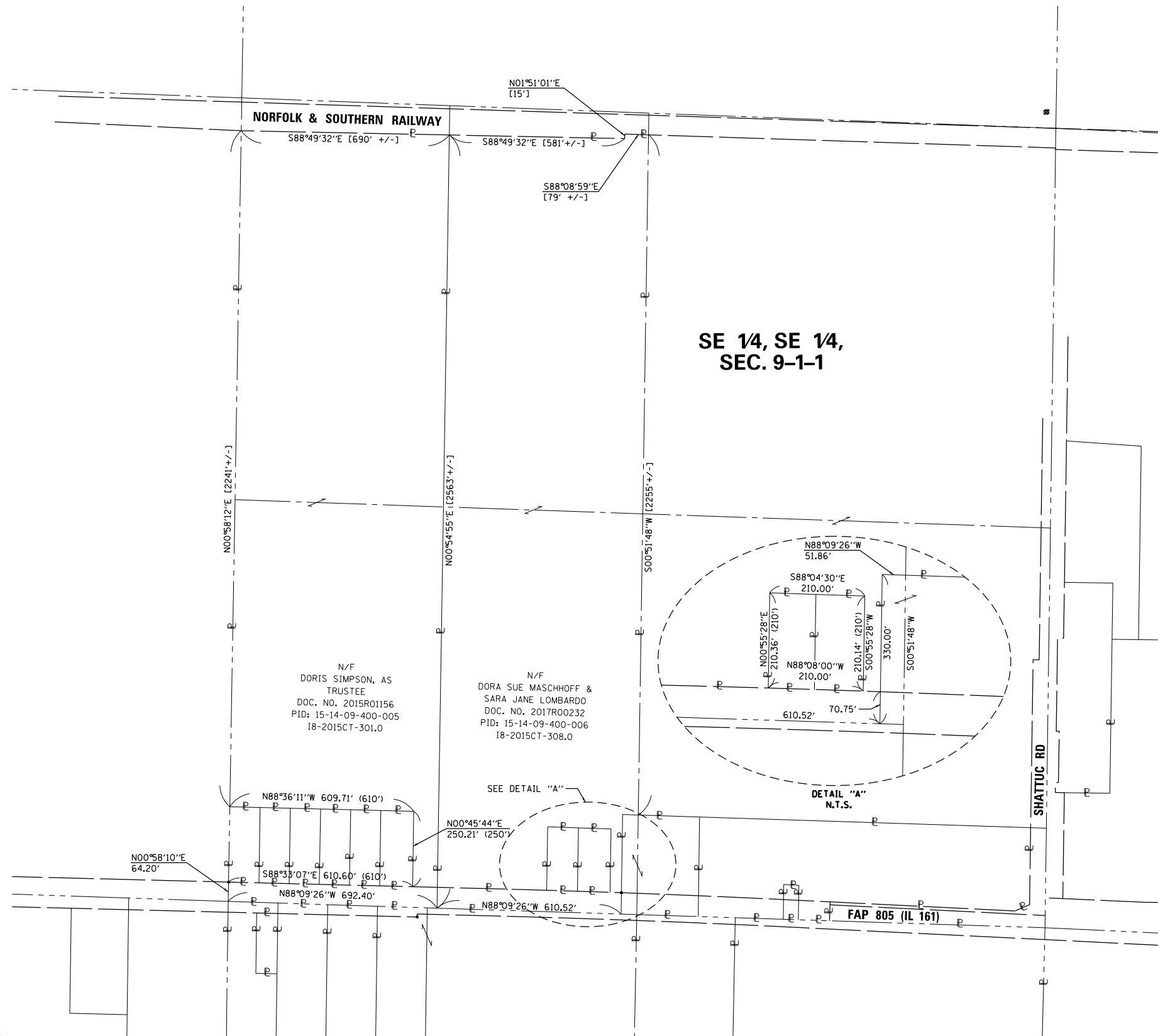
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	51

COMPLETION DATE OF FIELD WORK PERFORMED
 LAND SURVEY: 01/23/17 ROW STAKING: 00/00/17
 CONTRACT NO. 76887
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



RECEIVED: 7-20-18

SPACE RESERVED FOR RECORDING OFFICER



N/F
DORIS SIMPSON, AS
TRUSTEE
DOC. NO. 2015R01156
PID: 15-14-09-400-005
18-2015CT-301.0

N/F
DORA SUE MASCHHOFF &
SARA JANE LOMBARDO
DOC. NO. 2017R00232
PID: 15-14-09-400-006
18-2015CT-308.0

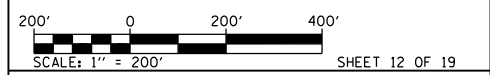
DETAIL "A"
N.T.S.

JUNEAU
ASSOCIATES, INC., P.C.
ENGINEERING & LAND SURVEYING

2100 State Street, P.O. Box 1325
Granite City, IL 62040-4725
100 North Research Drive
Edwardsville, IL 62025-3638
330 N. Fourth Street, Suite 200
St. Louis, MO 63102-2007
555 West Central Rd., Suite 101
Hoffman Estates, IL 60192-1942

Professional Design Firm License No. 184.003389

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 805 (IL 161)
SECTION 7BR, 7BR-1
CLINTON COUNTY
JOB NO. R-98-021-09
TOTAL HOLDINGS



ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	52

CONTRACT NO. 76887

STATE OF ILLINOIS)
) SS
COUNTY OF MADISON)

I, AARON P. HUTSON SR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR,
STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS
PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR
A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF
ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____



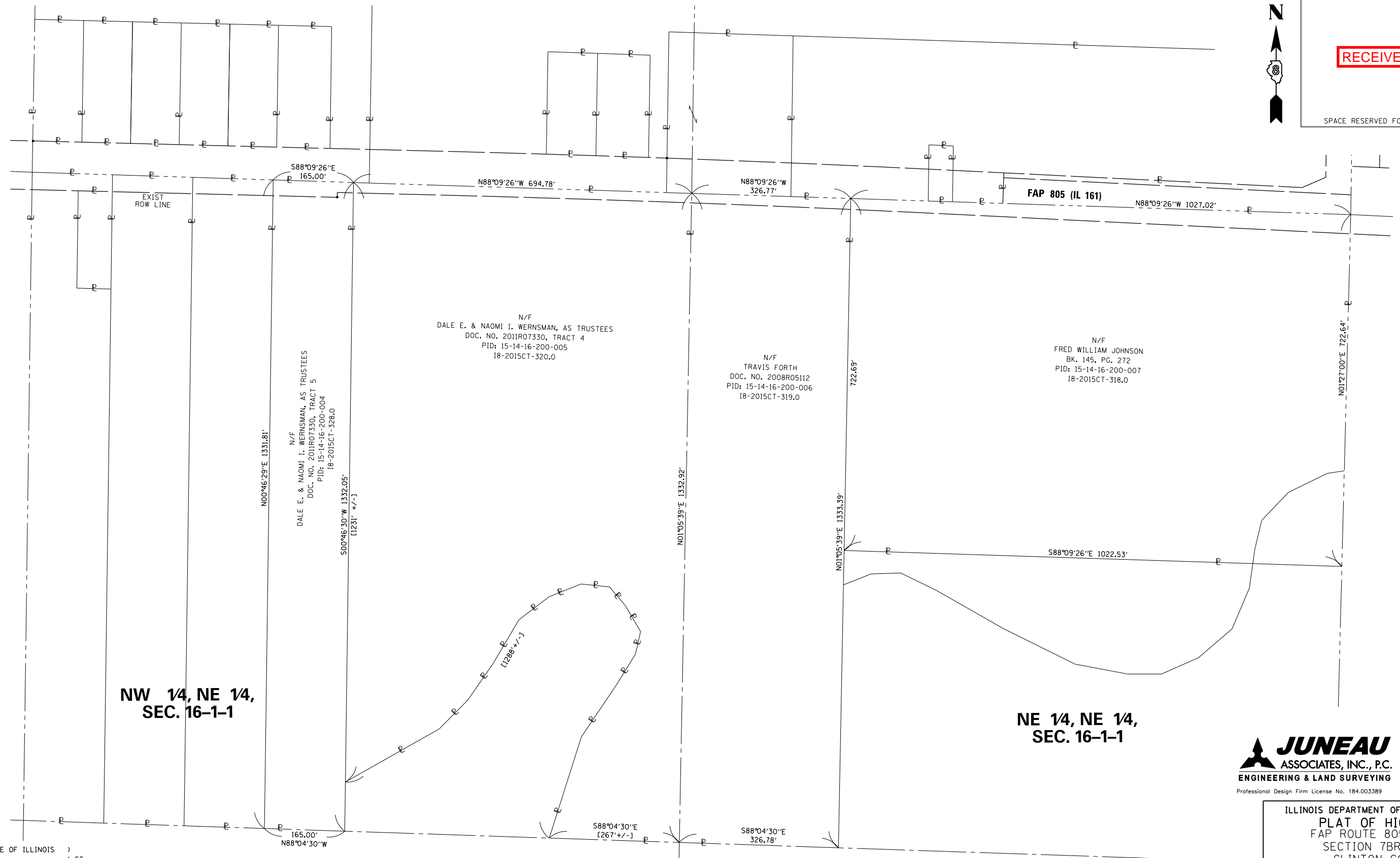
AARON P. HUTSON SR., PLS NO. 3456
LICENSE EXPIRATION DATE: 11/30/2018

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 01/23/17	ROW STAKING: 00/00/17



RECEIVED: 7-20-18

SPACE RESERVED FOR RECORDING OFFICER



NW 14, NE 14,
SEC. 16-1-1

NE 14, NE 14,
SEC. 16-1-1

JUNEAU ASSOCIATES, INC., P.C.
ENGINEERING & LAND SURVEYING

2100 State Street, P.O. Box 1325
Granite City, IL 62040-4725
100 North Research Drive
Edwardsville, IL 62025-3638
330 N. Fourth Street, Suite 200
St. Louis, MO 63102-2007
555 West Central Rd, Suite 101
Hoffman Estates, IL 60192-1942

Professional Design Firm License No. 184.003389

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 805 (IL 161)
SECTION 7BR, 7BR-1
CLINTON COUNTY
JOB NO. R-98-021-09
TOTAL HOLDINGS



ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINGSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	53

CONTRACT NO. 76887

STATE OF ILLINOIS)
) SS
COUNTY OF MADISON)

I, AARON P. HUTSON SR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____

AARON P. HUTSON SR., PLS NO. 3456
LICENSE EXPIRATION DATE: 11/30/2018

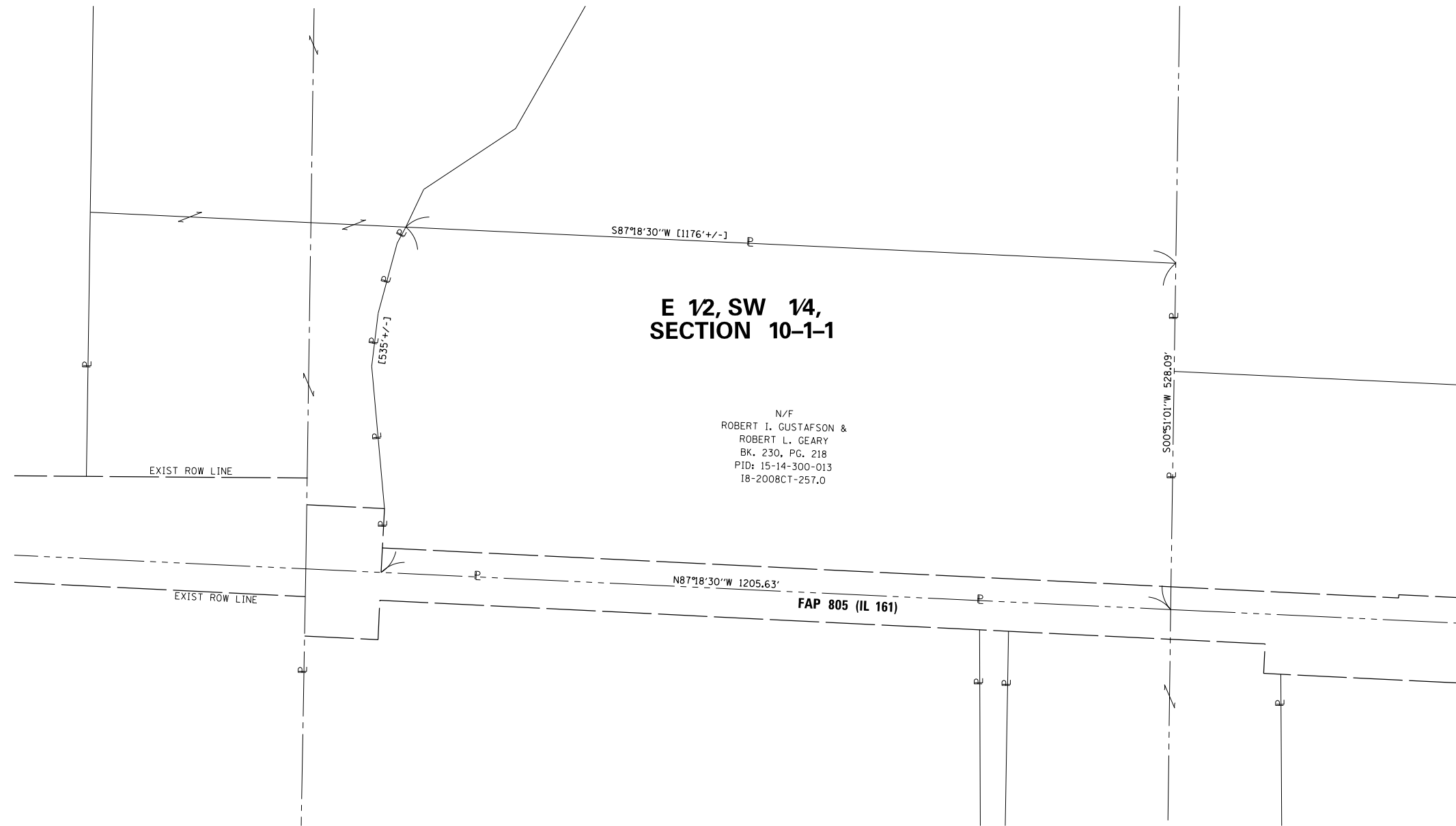


COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 01/23/17	ROW STAKING: 00/00/17



RECEIVED: 7-20-18

SPACE RESERVED FOR RECORDING OFFICER



**E 12, SW 14,
SECTION 10-1-1**

N/F
ROBERT I. GUSTAFSON &
ROBERT L. GEARY
BK. 230, PG. 218
PID: 15-14-300-013
18-2008CT-257.0

EXIST ROW LINE

EXIST ROW LINE

FAP 805 (IL 161)

JUNEAU
ASSOCIATES, INC., P.C.
ENGINEERING & LAND SURVEYING

2100 State Street, P.O. Box 1325
Granite City, IL 62040-4725
100 North Research Drive
Edwardsville, IL 62025-3638
330 N. Fourth Street, Suite 200
St. Louis, MO 63102-2007
555 West Central Rd, Suite 101
Hoffman Estates, IL 60192-1942

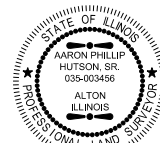
Professional Design Firm License No. 184.003389

STATE OF ILLINOIS)
) SS
COUNTY OF MADISON)

I, AARON P. HUTSON SR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR,
STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS
PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR
A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF
ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____

AARON P. HUTSON SR., PLS NO. 3456
LICENSE EXPIRATION DATE: 11/30/2018



ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 805 (IL 161)
SECTION 7BR, 7BR-1
CLINTON COUNTY
JOB NO. R-98-021-09
TOTAL HOLDINGS

100' 0 100' 200'
SCALE: 1" = 100' SHEET 14 OF 19

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	54

CONTRACT NO. 76887

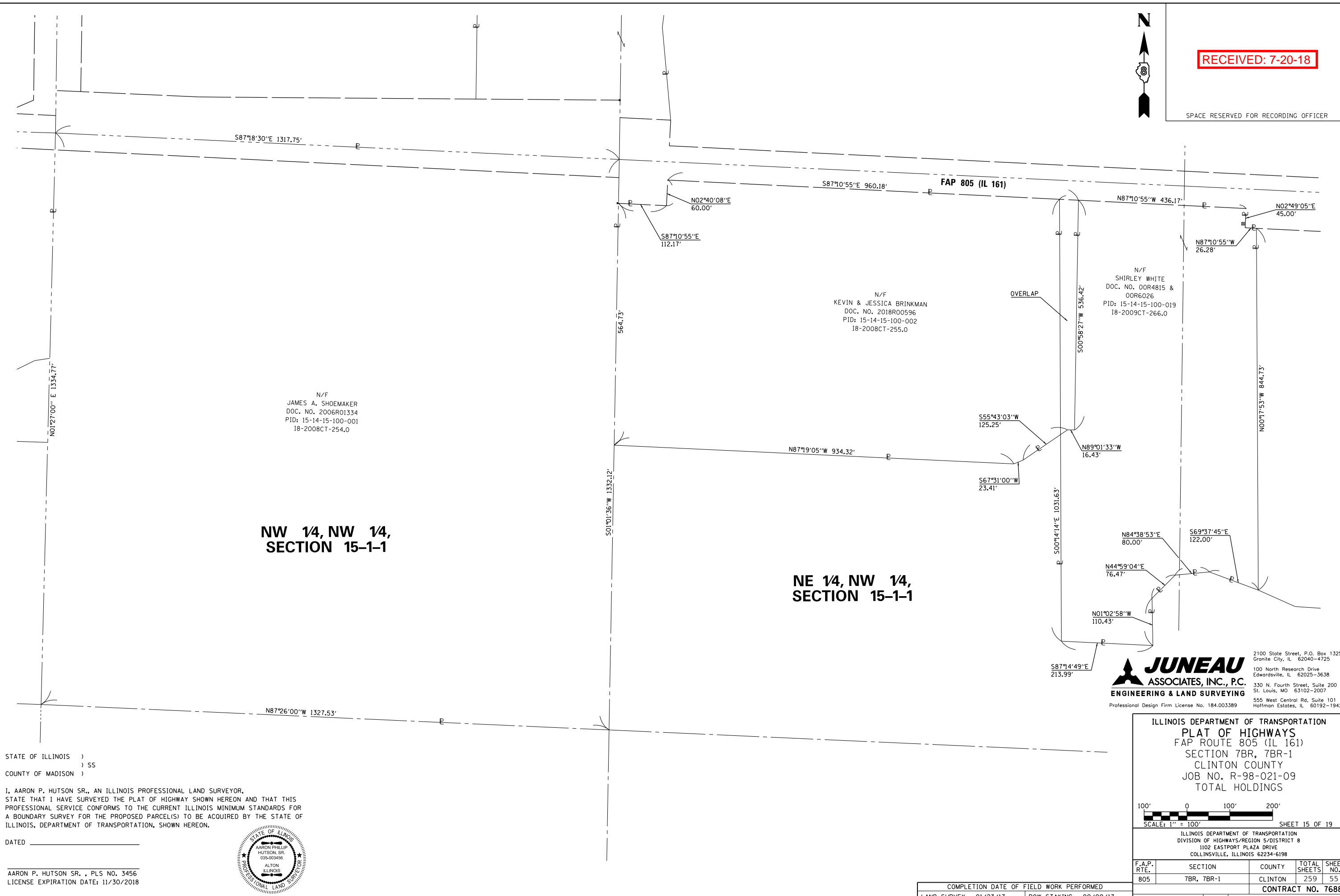
COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 01/23/17	ROW STAKING: 00/00/17

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



RECEIVED: 7-20-18

SPACE RESERVED FOR RECORDING OFFICER



N/F
JAMES A. SHOEMAKER
DOC. NO. 2006R01334
PID: 15-14-15-100-001
18-2008CT-254.0

N/F
KEVIN & JESSICA BRINKMAN
DOC. NO. 2018R00596
PID: 15-14-15-100-002
18-2008CT-255.0

N/F
SHIRLEY WHITE
DOC. NO. 00R4815 &
00R6026
PID: 15-14-15-100-019
18-2009CT-266.0

NW 1/4, NW 1/4,
SECTION 15-1-1

NE 1/4, NW 1/4,
SECTION 15-1-1

JUNEAU ASSOCIATES, INC., P.C.
ENGINEERING & LAND SURVEYING
Professional Design Firm License No. 184.003389

2100 State Street, P.O. Box 1325
Granite City, IL 62040-4725
100 North Research Drive
Edwardsville, IL 62025-3638
330 N. Fourth Street, Suite 200
St. Louis, MO 63102-2007
555 West Central Rd., Suite 101
Hoffman Estates, IL 60192-1942

STATE OF ILLINOIS)
) SS
COUNTY OF MADISON)

I, AARON P. HUTSON SR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR,
STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS
PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR
A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF
ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.



DATED _____
AARON P. HUTSON SR., PLS NO. 3456
LICENSE EXPIRATION DATE: 11/30/2018

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 805 (IL 161)
SECTION 7BR, 7BR-1
CLINTON COUNTY
JOB NO. R-98-021-09
TOTAL HOLDINGS



ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	55

CONTRACT NO. 76887

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 01/23/17	ROW STAKING: 00/00/17
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

RECEIVED: 7-20-18

SPACE RESERVED FOR RECORDING OFFICER



SW 1/4, SE 1/4,
SECTION 10-1-1

SE 1/4, SE 1/4,
SECTION 10-1-1

N/F
THE CITY NATIONAL BANK OF
CENTRALIA, AS TRUSTEE
BK. 124, PG. 583
PID: 15-14-10-400-008
18-2015CT-315.0

N/F
GAILA HODGES &
MARTIN K. PHOENIX
BK. 230, PG. 88
PID: 15-14-10-400-007
18-2009CT-265.0

FAP 805 (IL 161)

STATE OF ILLINOIS)
) SS
COUNTY OF MADISON)

I, AARON P. HUTSON SR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR,
STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS
PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR
A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF
ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____

AARON P. HUTSON SR., PLS NO. 3456
LICENSE EXPIRATION DATE: 11/30/2018



JUNEAU
ASSOCIATES, INC., P.C.
ENGINEERING & LAND SURVEYING
Professional Design Firm License No. 184.003389

2100 State Street, P.O. Box 1325
Granite City, IL 62040-4725
100 North Research Drive
Edwardsville, IL 62025-3638
330 N. Fourth Street, Suite 200
St. Louis, MO 63102-2007
555 West Central Rd, Suite 101
Hoffman Estates, IL 60192-1942

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 805 (IL 161)
SECTION 7BR, 7BR-1
CLINTON COUNTY
JOB NO. R-98-021-09
TOTAL HOLDINGS

SCALE: 1" = 100' SHEET 16 OF 19

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	56

COMPLETION DATE OF FIELD WORK PERFORMED
LAND SURVEY: 01/23/17 ROW STAKING: 00/00/17

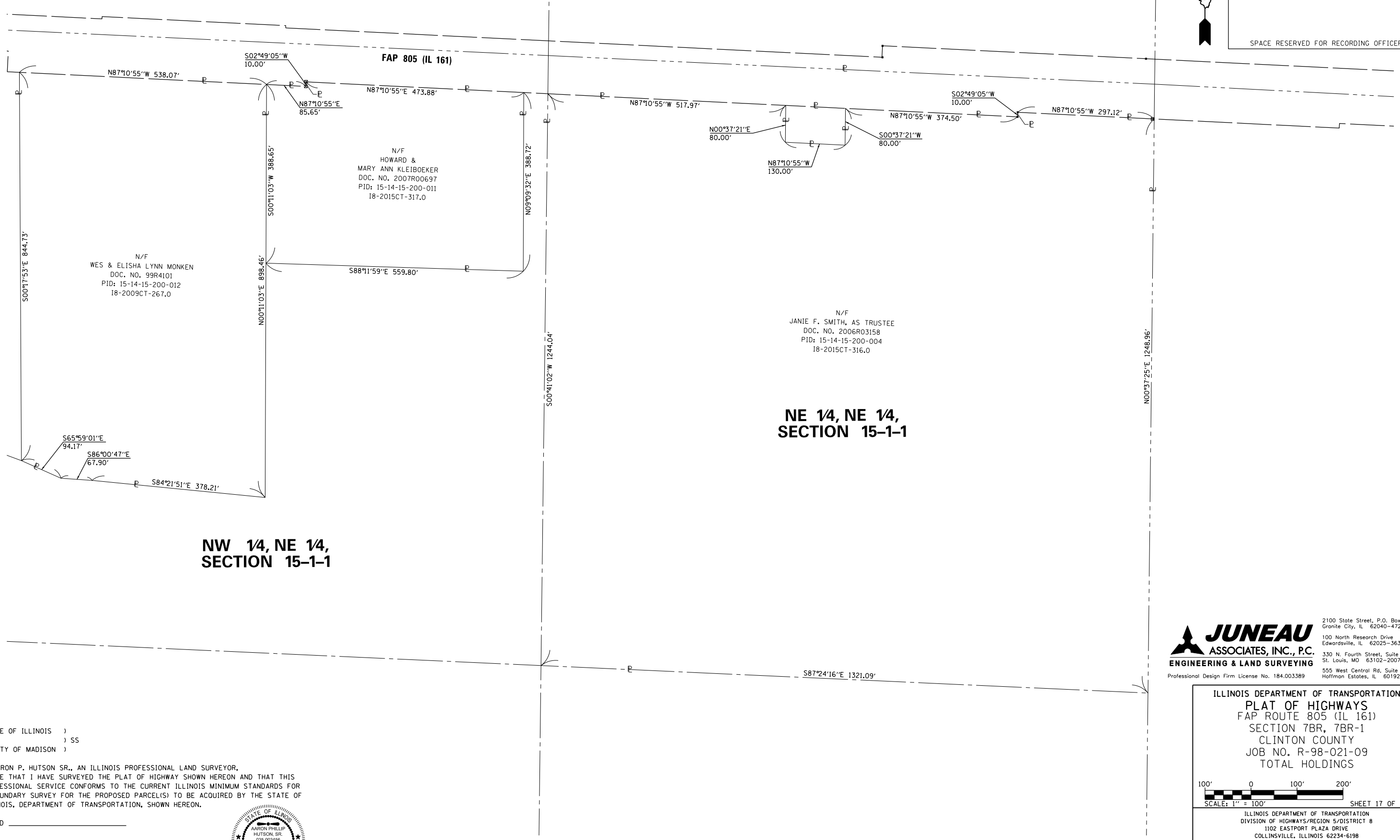
CONTRACT NO. 76887

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



RECEIVED: 7-20-18

SPACE RESERVED FOR RECORDING OFFICER



N/F
WES & ELISHA LYNN MONKEN
DOC. NO. 99R4101
PID: 15-14-15-200-012
18-2009CT-267.0

N/F
HOWARD &
MARY ANN KLEIBOEKER
DOC. NO. 2007R00697
PID: 15-14-15-200-011
18-2015CT-317.0

N/F
JANIE F. SMITH, AS TRUSTEE
DOC. NO. 2006R03158
PID: 15-14-15-200-004
18-2015CT-316.0

NW 1/4, NE 1/4,
SECTION 15-1-1

NE 1/4, NE 1/4,
SECTION 15-1-1

JUNEAU ASSOCIATES, INC., P.C.
ENGINEERING & LAND SURVEYING

2100 State Street, P.O. Box 1325
Granite City, IL 62040-4725
100 North Research Drive
Edwardsville, IL 62025-3638
330 N. Fourth Street, Suite 200
St. Louis, MO 63102-2007
555 West Central Rd., Suite 101
Hoffman Estates, IL 60192-1942

Professional Design Firm License No. 184.003389

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 805 (IL 161)
SECTION 7BR, 7BR-1
CLINTON COUNTY
JOB NO. R-98-021-09
TOTAL HOLDINGS

100' 0 100' 200'
SCALE: 1" = 100' SHEET 17 OF 19

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	57

CONTRACT NO. 76887

STATE OF ILLINOIS)
) SS
COUNTY OF MADISON)

I, AARON P. HUTSON SR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR,
STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS
PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR
A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF
ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.



DATED _____
AARON P. HUTSON SR., PLS NO. 3456
LICENSE EXPIRATION DATE: 11/30/2018

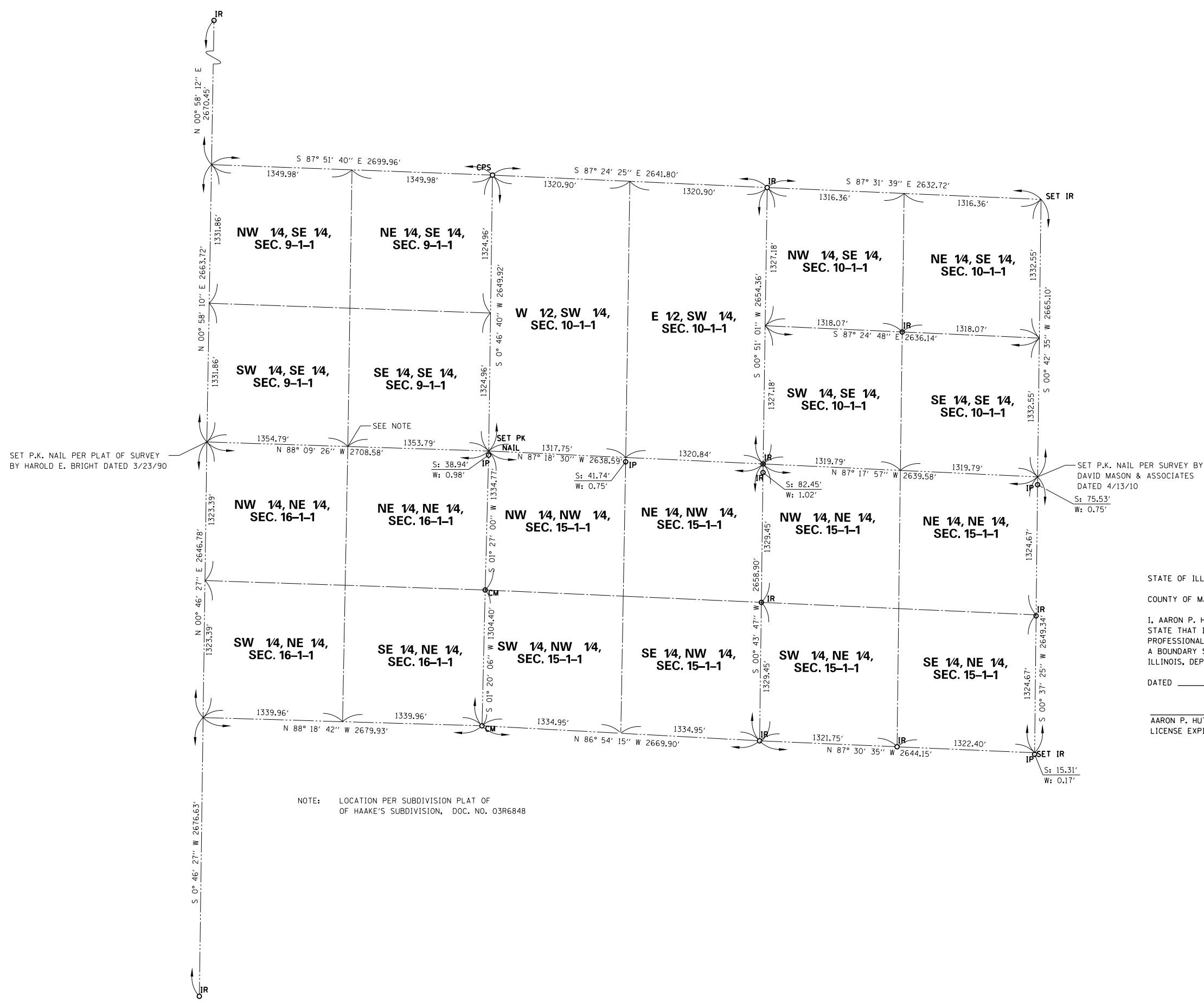
COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 01/23/17	ROW STAKING: 00/00/17

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



RECEIVED: 7-20-18

SPACE RESERVED FOR RECORDING OFFICER



STATE OF ILLINOIS)
) SS
 COUNTY OF MADISON)

I, AARON P. HUTSON SR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

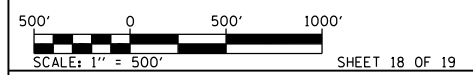
DATED _____

AARON P. HUTSON SR., PLS NO. 3456
 LICENSE EXPIRATION DATE: 11/30/2018



2100 State Street, P.O. Box 1325
 Granite City, IL 62040-4725
 100 North Research Drive
 Edwardsville, IL 62025-3638
 330 N. Fourth Street, Suite 200
 St. Louis, MO 63102-2007
 555 West Central Rd., Suite 101
 Hoffman Estates, IL 60192-1942

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PLAT OF HIGHWAYS
 FAP ROUTE 805 (IL 161)
 SECTION 7BR, 7BR-1
 CLINTON COUNTY
 JOB NO. R-98-021-09
 SECTION DETAILS

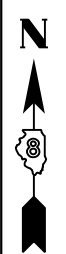


ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	58

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 01/23/17	ROW STAKING: 00/00/17
CONTRACT NO. 76887	

SECTION CORNER AND CONTROL TIE SHEET



RECEIVED: 7-20-18

SPACE RESERVED FOR RECORDING OFFICER

<p>NOTE: TIE DISTANCES ARE DIRECT PULLS</p> <p>CONTROL POINT NUMBER 1 N = 683168.3220, E = 573484.5314</p>	<p>NOTE: TIE DISTANCES ARE DIRECT PULLS</p> <p>CONTROL POINT NUMBER 2 N = 681758.8300, E = 573443.3321</p>	<p>NOTE: TIE DISTANCES ARE DIRECT PULLS</p> <p>CONTROL POINT NUMBER 5 N = 681566.9782, E = 577408.6049</p>	<p>NOTE: TIE DISTANCES ARE DIRECT PULLS</p> <p>CONTROL POINT NUMBER MW8 N = 681868.2220, E = 572064.0490</p>	<p>NOTE: TIE DISTANCES ARE DIRECT PULLS</p> <p>CONTROL POINT NUMBER 10 N = 681927.7051, E = 570730.6594</p>	<p>NOTE: TIE DISTANCES ARE DIRECT PULLS</p> <p>CONTROL POINT NUMBER 11 N = 681888.6736, E = 571452.5570</p>
<p>NOTE: TIE DISTANCES ARE DIRECT PULLS</p> <p>CONTROL POINT NUMBER 12 N = 681836.4044, E = 572770.1551</p>	<p>NOTE: TIE DISTANCES ARE DIRECT PULLS</p> <p>CONTROL POINT NUMBER 13 N = 681592.9173, E = 578324.6675</p>	<p>NOTE: TIE DISTANCES ARE DIRECT PULLS</p> <p>CONTROL POINT NUMBER 14 N = 681489.9961, E = 579029.7782</p>	<p>NOTE: TIE DISTANCES ARE DIRECT PULLS</p> <p>CONTROL POINT NUMBER 15 N = 681451.2468, E = 579798.2789</p>	<p>NOTE: TIE DISTANCES ARE DIRECT PULLS</p> <p>CONTROL POINT NUMBER 16 N = 681454.9863, E = 580489.3463</p>	<p>NOTE: TIE DISTANCES ARE DIRECT PULLS</p> <p>CONTROL POINT NUMBER 60 N = 681194.4592, E = 577357.8881</p>
<p>NOTE: TIE DISTANCES ARE DIRECT PULLS</p> <p>WEST 1/4 CORNER, SECTION 10-1N-1W N = 684432.1371, E = 573486.7312</p>	<p>NOTE: TIE DISTANCES ARE DIRECT PULLS</p> <p>SOUTH 1/4 CORNER, SECTION 16-1N-1W N = 679223.0239, E = 570707.8214</p>	<p>NOTE: TIE DISTANCES ARE DIRECT PULLS</p> <p>CENTER OF SECTION 15-1N-1W N = 682178.4949, E = 570949.6559</p>	<p>NOTE: TIE DISTANCES ARE DIRECT PULLS</p> <p>NORTH 1/4 CORNER, SECTION 9-1N-1W N = 687202.9624, E = 570833.8678</p>	<p>NOTE: TIE DISTANCES ARE DIRECT PULLS</p> <p>NE COR, SE 1/4, NE 1/4, SECTION 16-1N-1W N = 680448.1156, E = 573416.9773</p>	<p>NOTE: TIE DISTANCES ARE DIRECT PULLS</p> <p>SOUTHEAST CORNER, SECTION 10-1N-1W N = 681534.1589, E = 578723.0736</p>
<p>NOTE: TIE DISTANCES ARE DIRECT PULLS</p> <p>SOUTHEAST CORNER, SECTION 9-1N-1W N = 681782.4585, E = 573450.7541</p>	<p>NOTE: TIE DISTANCES ARE DIRECT PULLS</p> <p>SW CORNER, SE 1/4, SECTION 9-1N-1W N = 681869.5540, E = 570743.5868</p>	<p>NOTE: TIE DISTANCES ARE DIRECT PULLS</p> <p>SE CORNER, NE 1/4, SECTION 15-1N-1W N = 578884.9780, E = 578694.2332</p>	<p>NOTE: TIE DISTANCES ARE DIRECT PULLS</p> <p>SE CORNER, NE 1/4, SECTION 10-1N-1W N = 684199.0451, E = 578.756.0805</p>	<p>NOTE: TIE DISTANCES ARE DIRECT PULLS</p> <p>CENTER OF SECTION 10-1N-1W N = 684312.6137, E = 576125.8197</p>	<p>NOTE: TIE DISTANCES ARE DIRECT PULLS ALL TIES ARE SET 5/8" IRON PINS WITH CAP</p> <p>NORTH 1/4 CORNER, SECTION 15-1N-1W N = 681658.5415, E = 576086.4346 05/18/15 MONUMENT RECORD DOC. NO. 2015R02354</p>
<p>NOTE: TIE DISTANCES ARE DIRECT PULLS</p> <p>WEST 1/4 CORNER, SECTION 15-1N-1W N = 679144.0647, E = 573386.5858</p>					

STATE OF ILLINOIS)
) SS
COUNTY OF MADISON)

I, AARON P. HUTSON SR., AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED _____

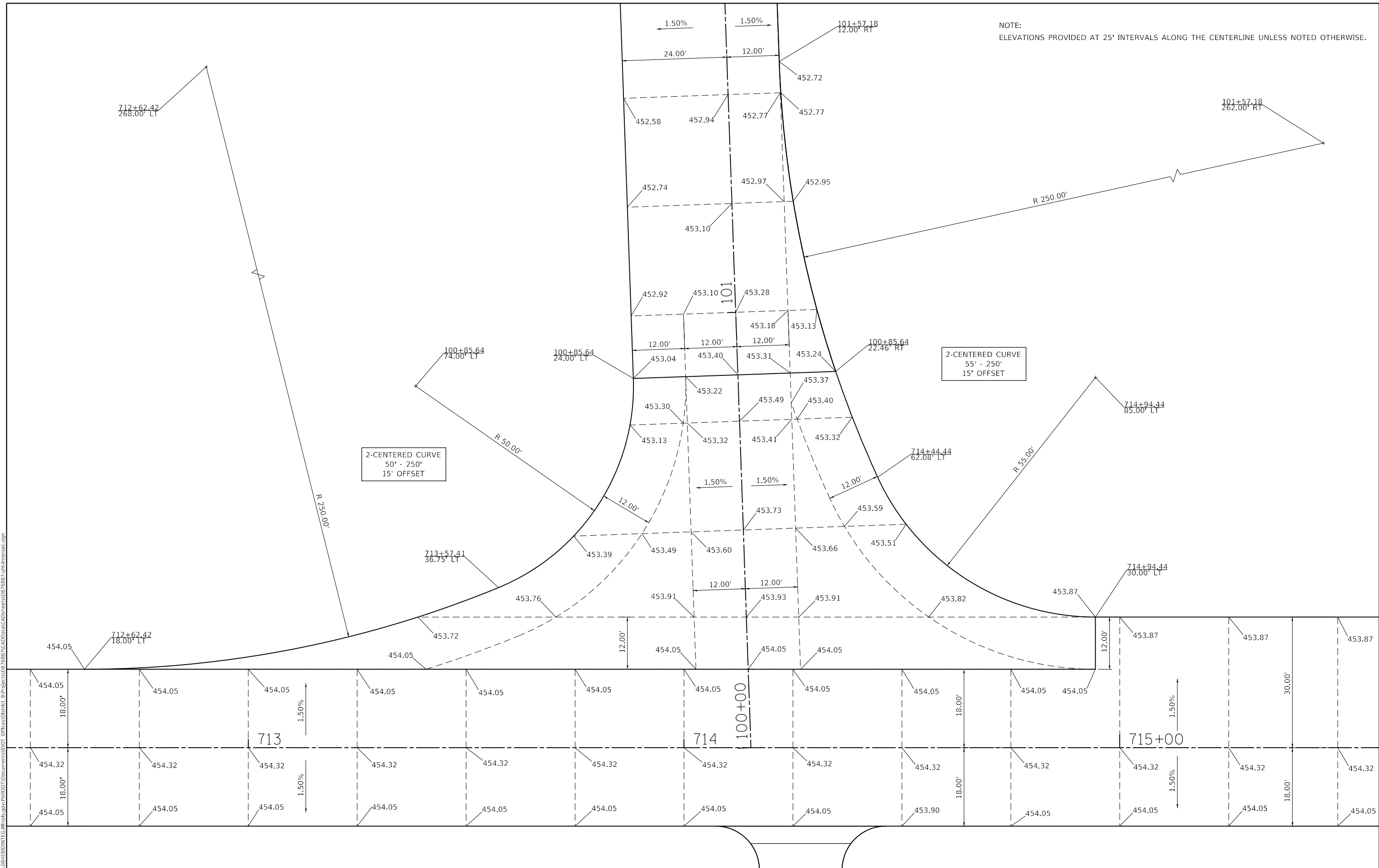
AARON P. HUTSON SR., PLS NO. 3456
LICENSE EXPIRATION DATE: 11/30/2018

• IRON ROD / PIPE FOUND

2100 State Street, P.O. Box 1325
Granite City, IL 62040-4725
100 North Research Drive
Edwardsville, IL 62025-3638
330 N. Fourth Street, Suite 200
St. Louis, MO 63102-2007
555 West Central Rd., Suite 101
Hoffman Estates, IL 60192-1942

COMPLETION DATE OF FIELD WORK PERFORMED			
LAND SURVEY:	ROW STAKING:		
ILLINOIS DEPARTMENT OF TRANSPORTATION PLAT OF HIGHWAYS FAP ROUTE 805 (IL 161) SECTION 7BR, 7BR-1 CLINTON COUNTY JOB NO. R-98-021-09 SECTION CORNER AND CONTROL TIE SHEET			
NOT TO SCALE			
SHEET 19 OF 19			
ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINGSVILLE, ILLINOIS 62234-6198			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
805	7BR, 7BR-1	CLINTON	259 59
CONTRACT NO. 76887			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

NOTE:
ELEVATIONS PROVIDED AT 25' INTERVALS ALONG THE CENTERLINE UNLESS NOTED OTHERWISE.



MODEL: Default
 FILE: \\mhc-pw\p\p\DOT\Documents\DOT - Offices\Director\Projects\0876887\CADD\DATA\CAD\Sheet\0876887-shattuc.dgn

USER NAME = freimuthpd	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/10/2018	DATE -	REVISED -

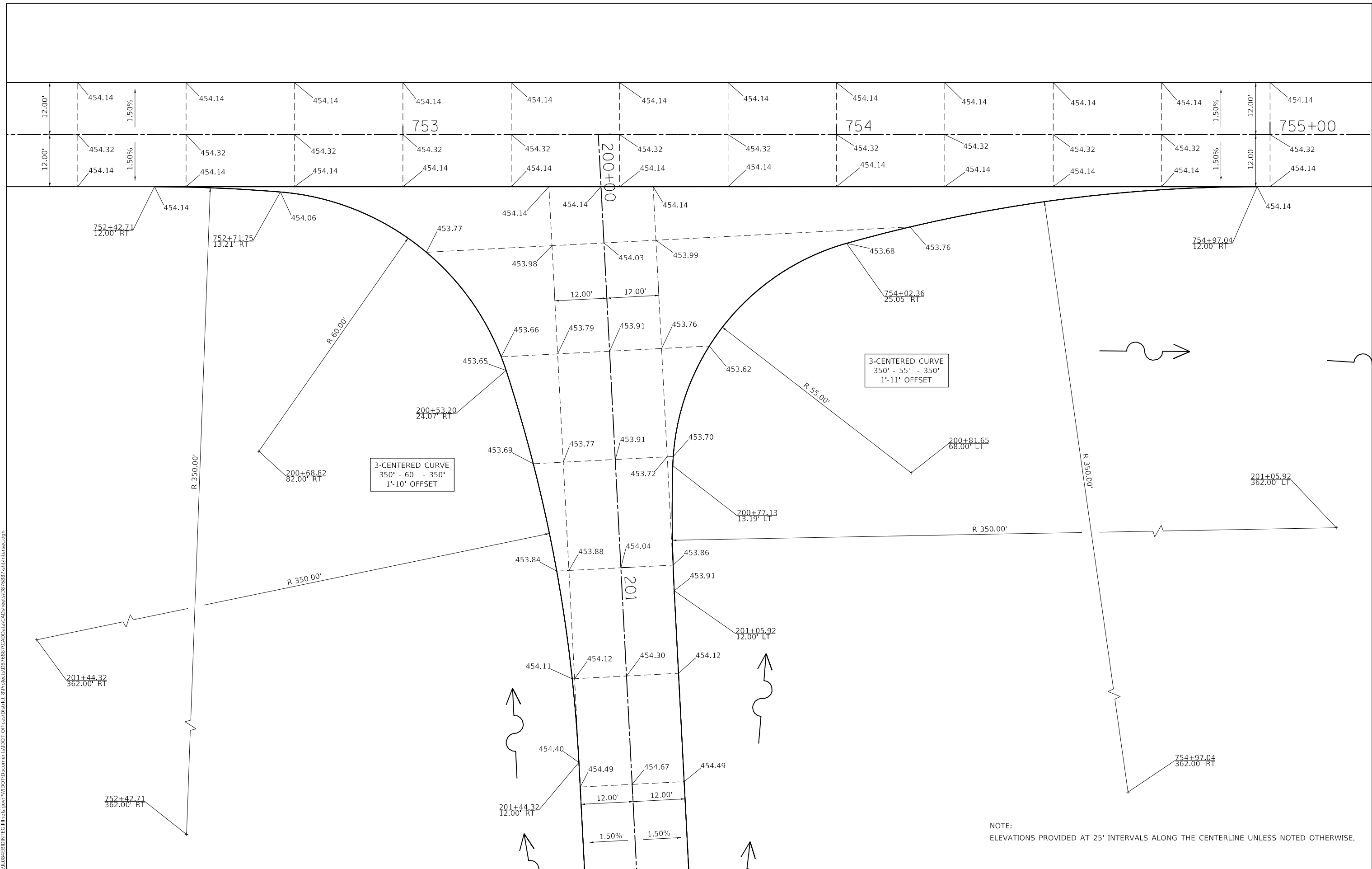
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL
(SHATTUC ROAD)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	60
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

MODEL: Default
 FILE: \\nlsr-pw\ulb\B\EBID\NTEC\Illinois\pov\PW\DOT\Documents\1\DOT_Offices\Director\Projects\0876887\CADD\data\CAD\p\ees\0876887_rpt\Interacc.dgn



3-CENTERED CURVE
 350' - 55' - 350'
 1'-11' OFFSET

3-CENTERED CURVE
 350' - 60' - 350'
 1'-10' OFFSET

NOTE:
 ELEVATIONS PROVIDED AT 25' INTERVALS ALONG THE CENTERLINE UNLESS NOTED OTHERWISE.

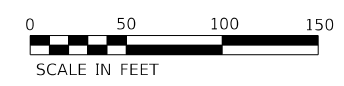
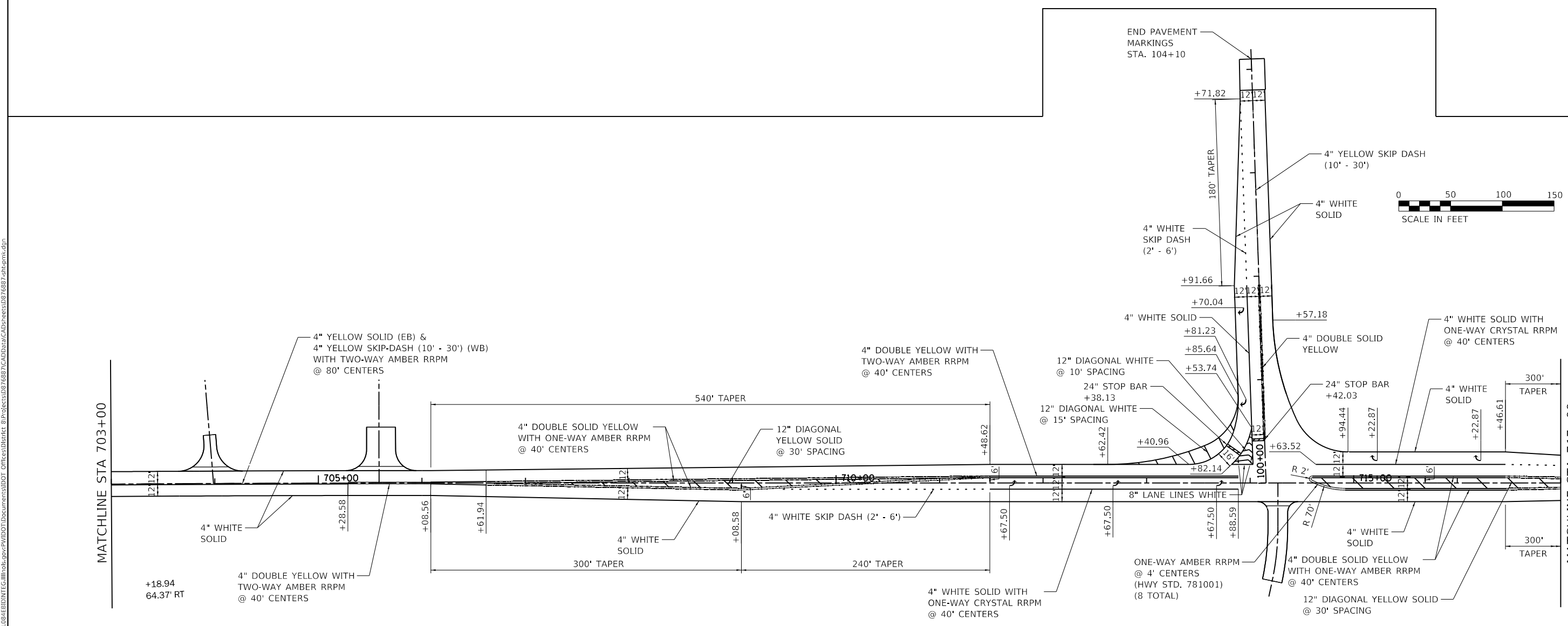
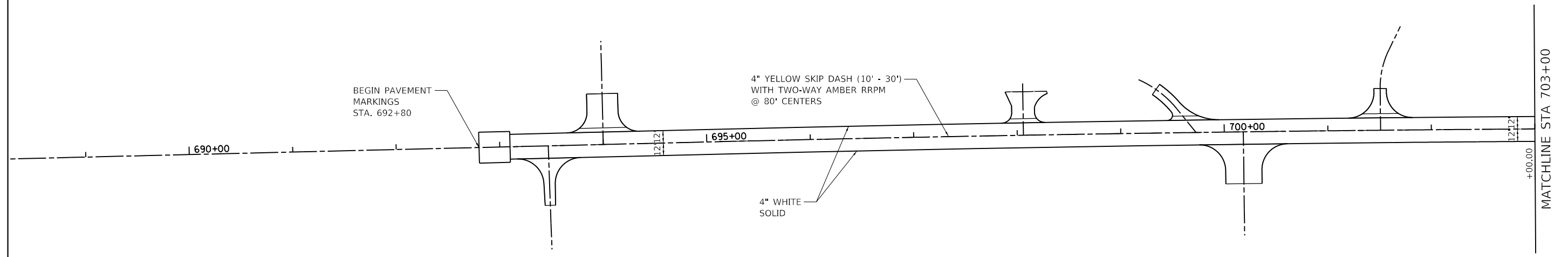
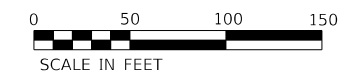
USER NAME = freimuthpd	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/10/2018	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL
 (NOLTINGS ROAD)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	61
CONTRACT NO. 76887				
ILLINOIS		FED. AID PROJECT		



MODEL: \\MODELNAME
 FILE: \\NAME.PLOT\DOT\Documents\DOT - Office\Director\B\Projects\0876887\CADD\DATA\CAD\Revised\0876887-rfp.pmk.dgn

USER NAME = susers	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/10/2018	DATE -	REVISED -

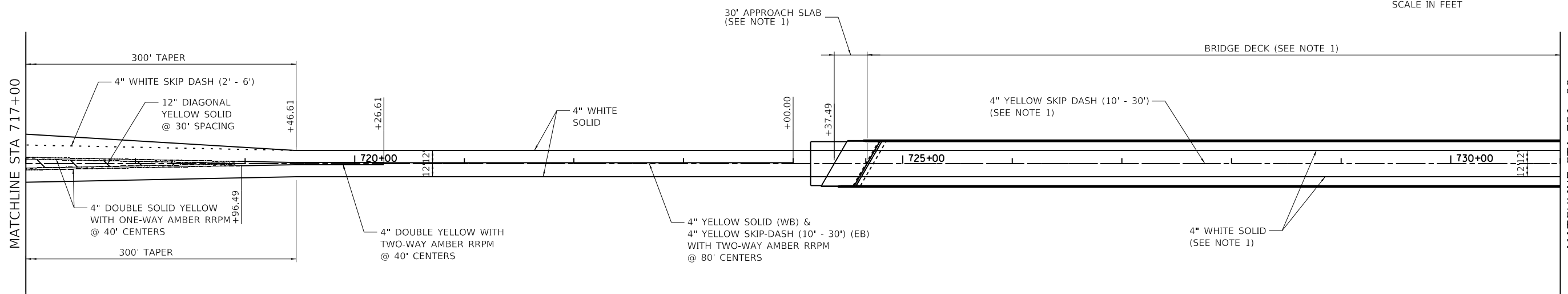
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS

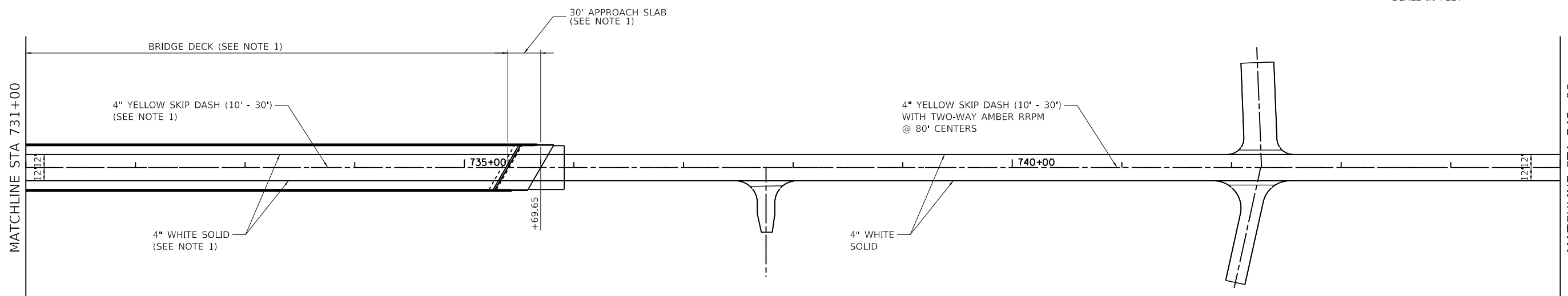
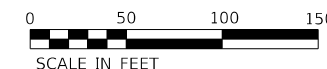
SCALE: 1" = 50' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	62
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

NOTES:
 1. PAVEMENT MARKINGS APPLIED TO BRIDGE APPROACH SLAB AND BRIDGE DECK SHALL BE GROOVED IN PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4".



NOTES:
 1. PAVEMENT MARKINGS APPLIED TO BRIDGE APPROACH SLAB AND BRIDGE DECK SHALL BE GROOVED IN PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4".



MODEL: \\MODELNAME
 FILE: \\NAME.PLOT\ILLINOIS\DOT\Documents\DOT_Offices\Director\B\Projects\0876887\CADD\DATA\CAD\RES\0876887-rfp.pmk.dgn

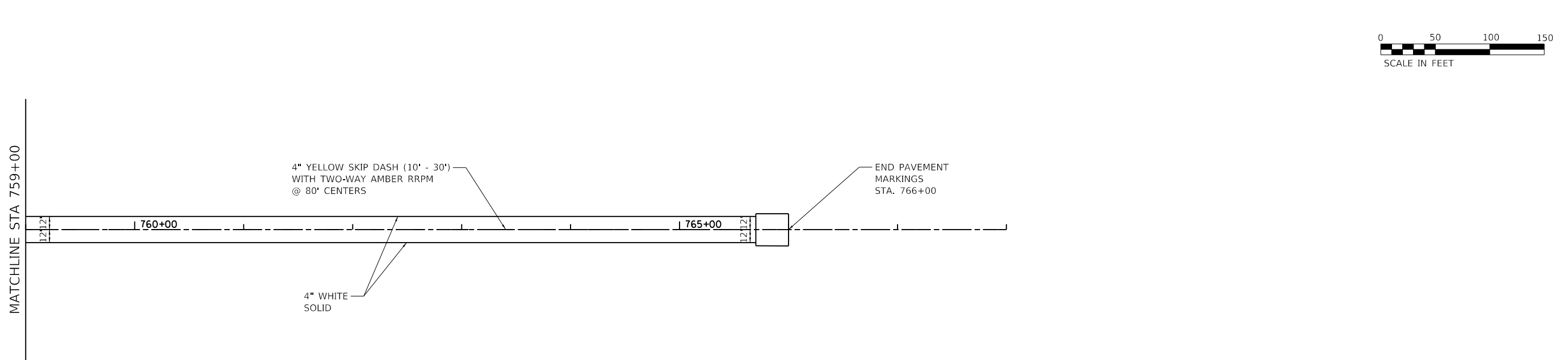
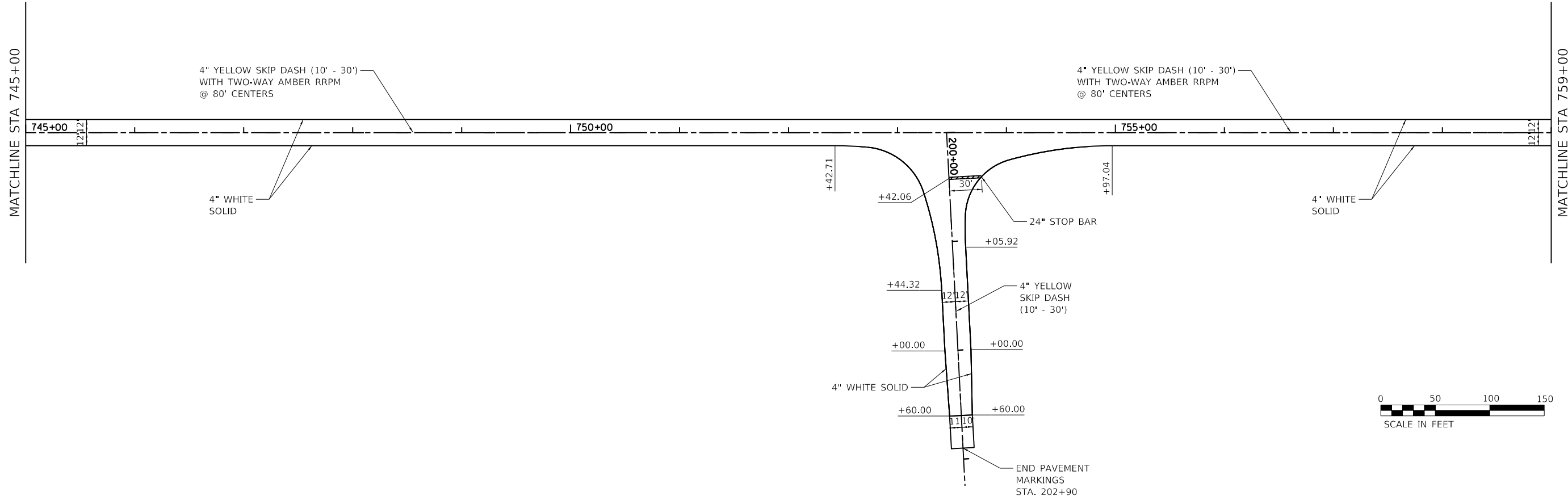
USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/10/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS

SCALE: 1" = 50' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	63
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				



MODEL: \\MODELNAME
 FILE NAME: P:\ILLINOIS\BIDDING\TEC\Illinois.gov\FWIDOT\Documents\DOT_Offices\Director\Projects\0876887\CADD\DATA\CAD\Revised\0876887_rfp.pmk.dgn

USER NAME = susers	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/10/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS			
SCALE: 1" = 50'	SHEET 3	OF 3 SHEETS	STA. TO STA.

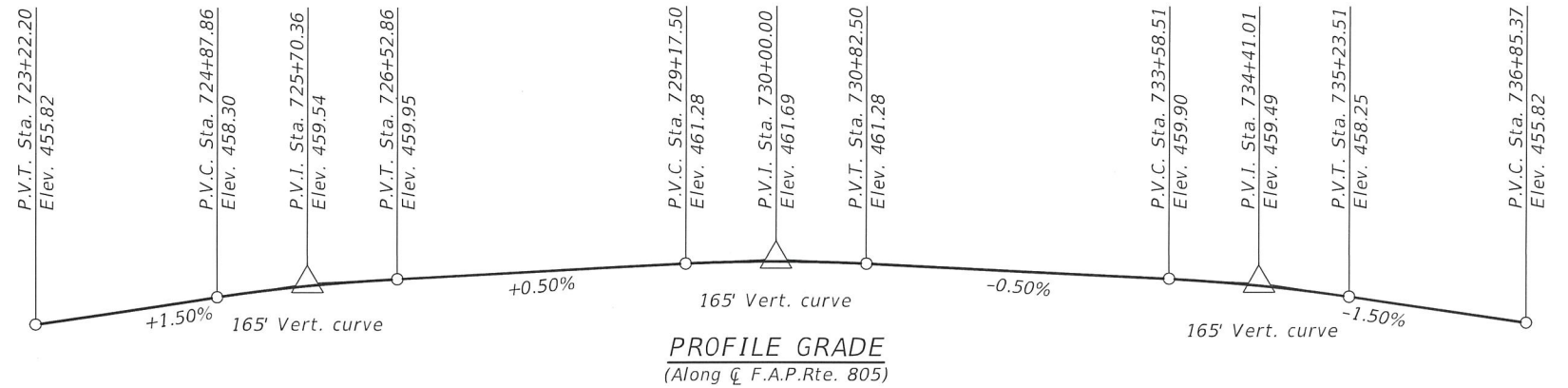
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	64
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

Benchmark BM 5: Chiseled "□" set in the center of the headwall on the south side of IL 161, S.N. 014-2001 at Elev. 451.11
 Benchmark BM 6: Railroad Spike set in the south face of PP east of bridge at elevation 454.67.
 Benchmark BM 7: Chiseled "□" set in the center of the headwall on the north side of IL 161, S.N. 014-2426 at Elev. 450.41

Existing Structure: Structure number 014-0025, built in 1937 as F.A. Rte. 150, Section 7BY, reconstructed and widened in 1963 is an 11 span concrete deck on steel wide flange beams supported by pile stub abutments and pile bent piers. The existing structure length is 644'-4" back-to-back and 35'-8" out-to-out. The structure is to be removed and replaced. The existing structure will be replaced under road closure.

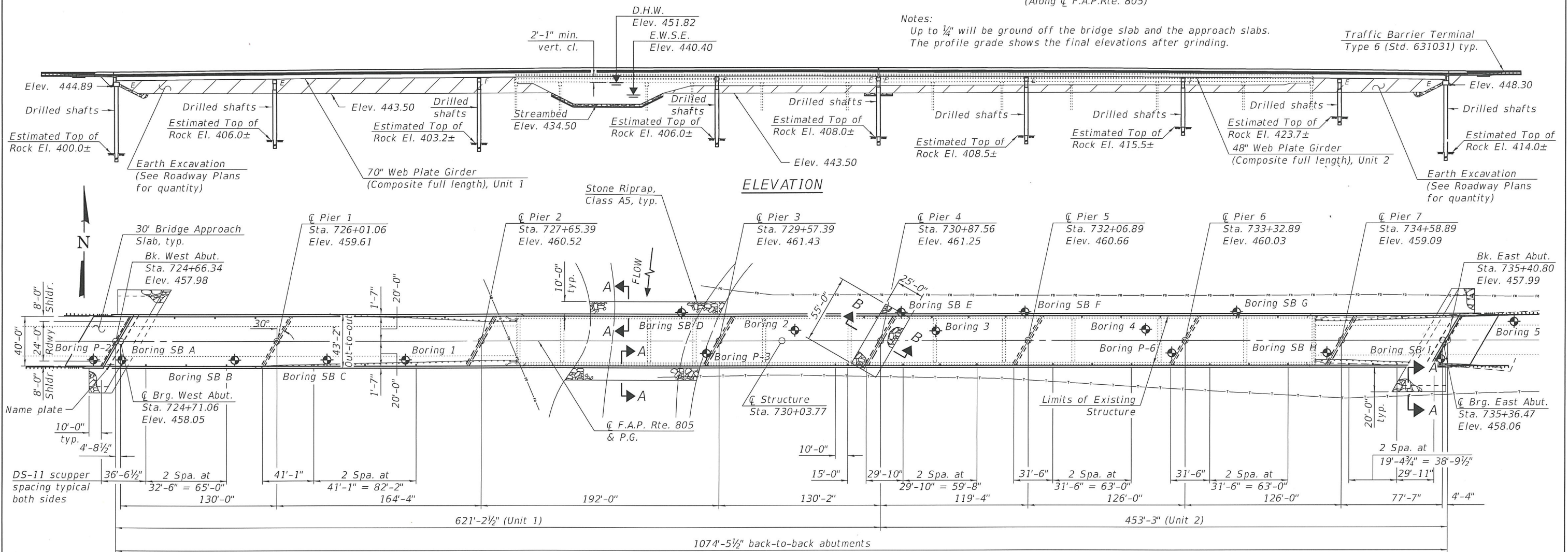
No salvage.

Explosives shall not be used to demolish the structure.



Notes:
 Up to 1/4" will be ground off the bridge slab and the approach slabs.
 The profile grade shows the final elevations after grinding.

Traffic Barrier Terminal
 Type 6 (Std. 631031) typ.



PLAN

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

DESIGN STRESSES

FIELD UNITS
 $f'_c = 4,000$ psi (Superstructure)
 $f'_c = 3,500$ psi (Substructure)
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 50,000$ psi (M270 Grade 50)



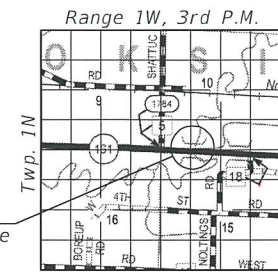
EXPIRES 11-30-2020

DESIGN SPECIFICATIONS

2014 AASHTO LRFD
 Bridge Design Specifications
 7th Edition with 2015 and 2016 Interims

SEISMIC DATA

Seismic Performance Zone (SPZ) = 2
 Design Spectral Acceleration at 1.0 sec. (SD1) = 0.271 g
 Design Spectral Acceleration at 0.2 sec. (SDS) = 0.637 g
 Soil Site Class = D



LOCATION SKETCH

GENERAL PLAN & ELEVATION
IL RTE. 161 OVER CROOKED CREEK
F.A.P. RTE. 805 - SEC. 7BR, 7BR-1
CLINTON COUNTY
STATION 730+03.77
STRUCTURE NO. 014-0080

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DESIGNED - Gordon B. ...
 CHECKED - ...
 DRAWN - MICHAEL B. MOSSMAN
 CHECKED - JOV/ ZIB/ PG/ LRA

EXAMINED - Jay F. ...
 PASSED - ...
 ENGINEER OF BRIDGES AND STRUCTURES

DATE - 10-15-2018
 REVISED -
 REVISED -

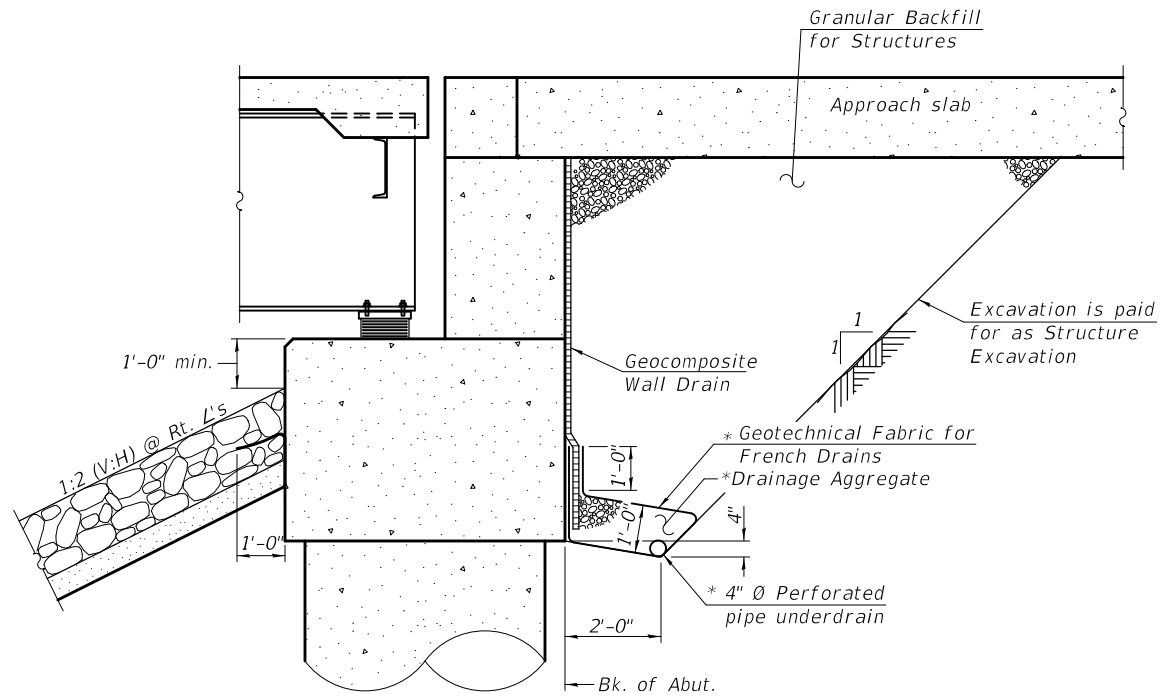
SHEET 1 OF 96 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	65
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

MODEL: 0140080-76887-001
 FILE NAME: p:\work\09\REID\DOT\Documents\Bridges and Structures\Projects\0140080\CADD Plans\0140080-76887.dgn

10/11/2018 2:52:25 PM

MODEL: 0140080-76887-002
FILE NAME: pw:\084EBID\INTEG\illmod5.gov\PW\DOT\Documents\DOT - Offices\Bureau of Bridges and Structures\Projects\0140080\CADD - Plans\0140080-76887.dgn

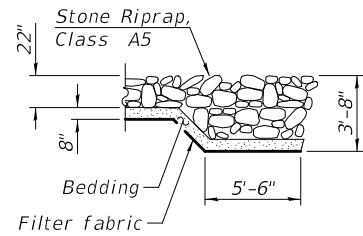


SECTION THRU ABUTMENT

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

STATION 730+03.77
BUILT 20 BY
STATE OF ILLINOIS
F.A.P. RTE. 805 SEC. 7BR, 7BR-1
LOADING HL-93
STRUCTURE NO. 014-0080

NAME PLATE
See Std. 515001



SECTION A-A

WATERWAY INFORMATION

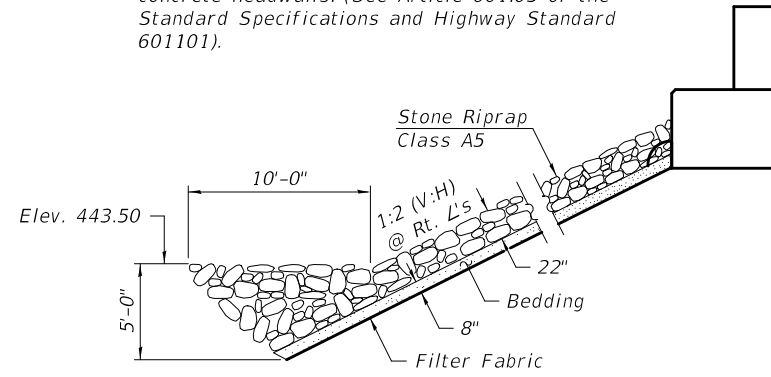
Drainage Area = 178.2 sq. mi.				Existing Overtopping Elev. 451.0 @ Sta. 741+32.84 Proposed Overtopping Elev. 454.3 @ Sta. 695+20.48					
Flood Event	Freq. Yr.	Discharge Ft ³ /s	Opening Ft ²		Natural H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	50	20,006	2564	8013	451.82	1.86	0.54	453.68	452.36
Base	100	23,200	2564	8465	452.21	2.27	0.62	454.48	452.83
Scour Design Check	500	31,149	2564	10755	456.47	0.24	0.41	456.71	456.88
Overtop Existing	2	5,000	2564	5900	450.51	0.24	0.07	450.75	450.58
Overtop Proposed	200	25,800	2564	10755	453.56	1.19	0.51	454.75	454.07

10 Year Velocity Through Existing Bridge = 5.1 ft/s
10 Year Velocity Through Proposed Bridge = 2.1 ft/s

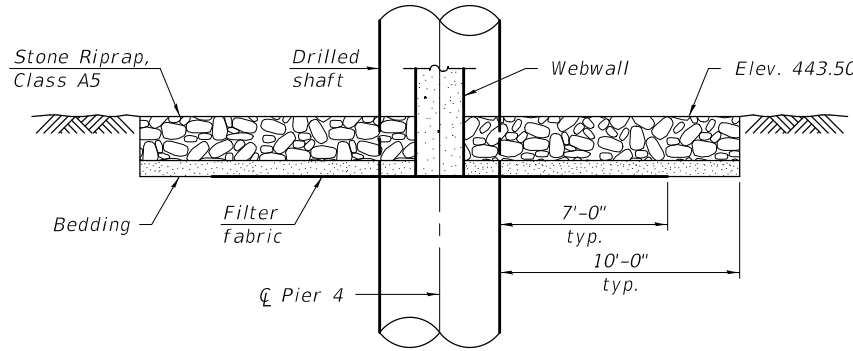
DESIGN SCOUR ELEVATION TABLE

Event / Limit	Design Scour Elevations (ft.)										
	State	W. Abut.	Pier 1	Pier 2	Pier 3	Pier 4	Pier 5	Pier 6	Pier 7	E. Abut.	Item 113
Q100	444.89	436.50	409.20	416.90	434.50	434.50	434.50	434.50	434.50	448.30	5
Q500	444.89	432.00	408.20	416.20	429.50	429.50	429.50	429.50	429.50	448.30	
Design	444.89	436.50	409.20	416.90	434.50	434.50	434.50	434.50	434.50	448.30	
Check	444.89	432.00	408.20	416.20	429.50	429.50	429.50	429.50	429.50	448.30	

Note:
All drainage system components shall extend parallel to the abutment back wall until they intersect the wingwalls or 2'-0" from the end of the wingwalls when the wings are parallel to the abutment. The pipe shall extend under the wingwall, if necessary, until intersecting the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).



STONE RIPRAP ANCHOR DETAIL



SECTION B-B

INDEX OF SHEETS

- 1 - General Plan & Elevation
- 2 - General Data
- 3 - Substructure Layout
- 4-7 - Top of Slab Elevations (Unit 1)
- 8-10 - Top of Slab Elevations (Unit 2)
- 11-12 - Top of Approach Slab Elevations
- 13-17 - Superstructure (Unit 1)
- 18-22 - Superstructure (Unit 2)
- 23-24 - Bridge Approach Slab (Unit 1)
- 25-26 - Bridge Approach Slab (Unit 2)
- 27-28 - Modular Joints
- 29 - Sliding Plates at Modular Joints
- 30 - Strip Seal Joint
- 31 - Drainage Scupper, DS-11
- 32-39 - Structural Steel (Unit 1)
- 40-47 - Structural Steel (Unit 2)
- 48-50 - Bearings (Unit 1)
- 51-54 - Bearings (Unit 2)
- 55-58 - West Abutment
- 59-72 - Piers 1 thru 7
- 73-76 - East Abutment
- 77 - Bar Splicer Assembly and Mechanical Splicer Details
- 78 - Concrete Parapet Slipforming Option
- 79-96 - Soil Boring Logs

GENERAL NOTES

Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts. Bolts 7/8" in Ø, holes 1 1/16" in Ø, unless otherwise noted.
 Calculated weight of Structural Steel = 1,919,140 Lbs. (M270 Grade 50)
 Calculated weight of Structural Steel = 155,740 Lbs. (M270 Grade 36)
 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.
 Concrete Sealer shall be applied to the front face of the backwall, seat area, and front face of abutments, and to the seat areas and vertical faces of pier 4 cap.
 The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
 The Organic Zinc Rich Primer / Epoxy / Urethane Paint System shall be used for painting of new structural steel except where otherwise noted. The entire system shall be shop applied, with the exception of the exterior surface and the bottom of the bottom flange of fascia beams, masked off connection surfaces, field installed fasteners and damaged areas shall be touched up in the field. The color of the final finish coat for all surfaces shall be Gray, Munsell No. 5B 7/1.
 All structural steel within a distance of 10' from girder ends under expansion joints shall be thermal spray metallized and sealed with an epoxy penetrating sealer (System #3). See Special Provision for Metallizing of Structural Steel. All metallized surfaces shall be painted with the intermediate and topcoats as specified for structural steel.
 All end cross frames and end diaphragms located under expansion joints shall be hot-dip galvanized. Galvanized cross frames and diaphragms need not be painted. See Special Provision for Hot Dip Galvanizing for Structural Steel.
 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.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A5	Sq. Yd.		1,542	1,542
Filter Fabric	Sq. Yd.		1,492	1,492
Removal of Existing Structures No. 3	Each	1		1
Structure Excavation	Cu. Yd.		260	260
Concrete Structures	Cu. Yd.		734.5	734.5
Concrete Superstructure	Cu. Yd.	1,492		1,492
Protective Coat	Sq. Yd.	5,950		5,950
Concrete Superstructure (Approach Slab)	Cu. Yd.	116.2		116.2
Furnishing and Erecting Structural Steel	L. Sum	1		1
Stud Shear Connectors	Each	15,144		15,144
Reinforcement Bars, Epoxy Coated	Pound	441,160	641,500	1,082,660
Bar Splicers	Each		972	972
Name Plates	Each	1		1
Drilled Shaft in Soil	Cu. Yd.		929.5	929.5
Drilled Shaft in Rock	Cu. Yd.		334.6	334.6
Preformed Joint Strip Seal	Foot	49		49
Elastomeric Bearing Assembly, Type I	Each	36		36
Elastomeric Bearing Assembly, Type II	Each	6		6
Anchor Bolts, 3/8"	Each	24		24
Anchor Bolts, 1"	Each	36		36
Anchor Bolts, 1 1/4"	Each	24		24
Anchor Bolts, 1 1/2"	Each	24		24
Anchor Bolts, 2"	Each	12		12
Concrete Sealer	Sq. Ft.		2,517	2,517
Geocomposite Wall Drain	Sq. Yd.		161	161
Drainage Scuppers, DS-11	Each	40		40
Diamond Grinding (Bridge Section)	Sq. Yd.	4,523		4,523
Modular Expansion Joint-Swivel 6"	Foot	94		94
Pipe Underdrains for Structures 4"	Foot		135	135
Crosshole Sonic Logging Access Ducts	Foot		7,260	7,260
Crosshole Sonic Logging Testing	Each		9	9
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	3,003		3,003
Granular Backfill for Structures	Cu. Yd.		256	256

DESIGNED - Z.T.B. / J.O.V.
 CHECKED - J.O.V. / Z.T.B.
 DRAWN - MICHAEL B. MOSSMAN
 CHECKED - J.O.V. / P.G. / G.R.A.

EXAMINED
 PASSED
 ENGINEER OF BRIDGES AND STRUCTURES

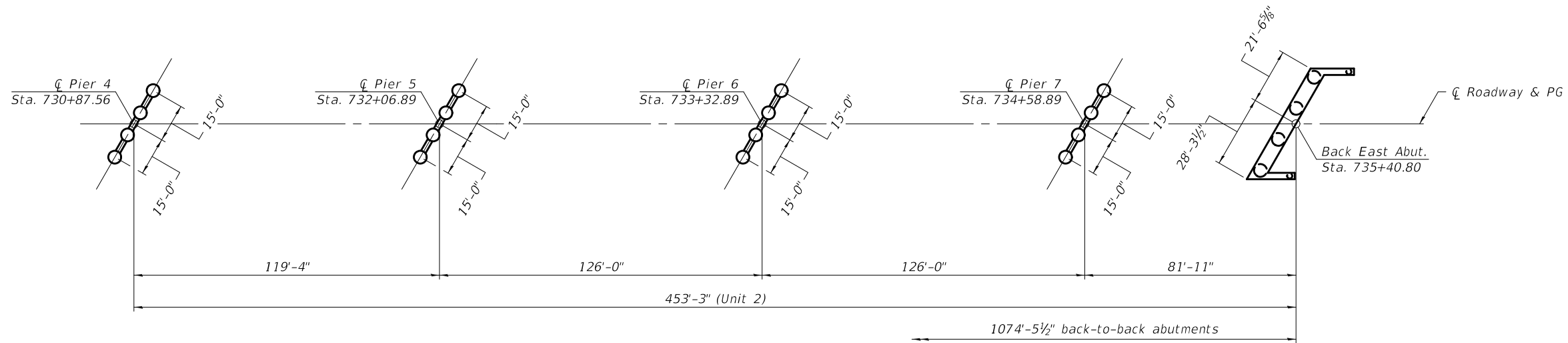
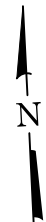
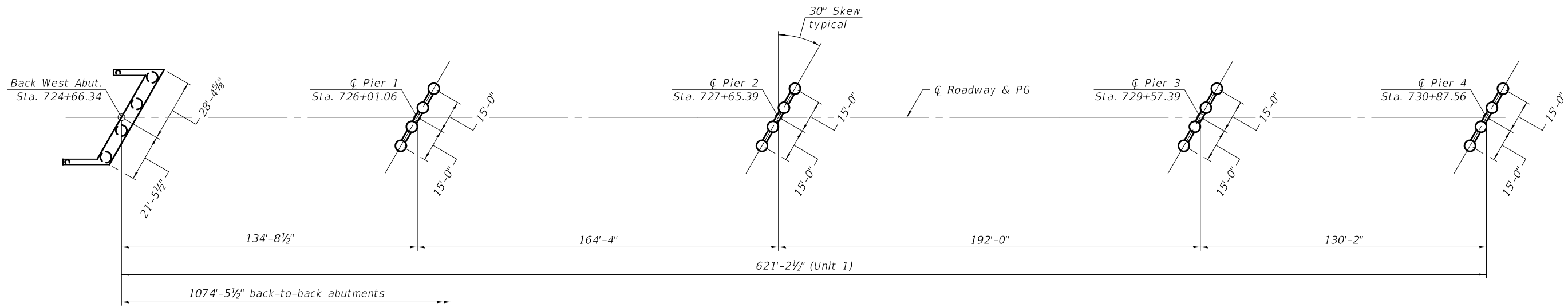
DATE - OCTOBER 15, 2018
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA
STRUCTURE NO. 014 - 0080

SHEET 2 OF 96 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	66
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				



PLAN

MODEL: 0140080-76887-003
 FILE NAME: p:\v\1084EBID\INTEG\illinois.gov\PWIDOT\Documents\Bureau of Bridges and Structures\Projects\0140080\CADD Plans\0140080-76887.dgn

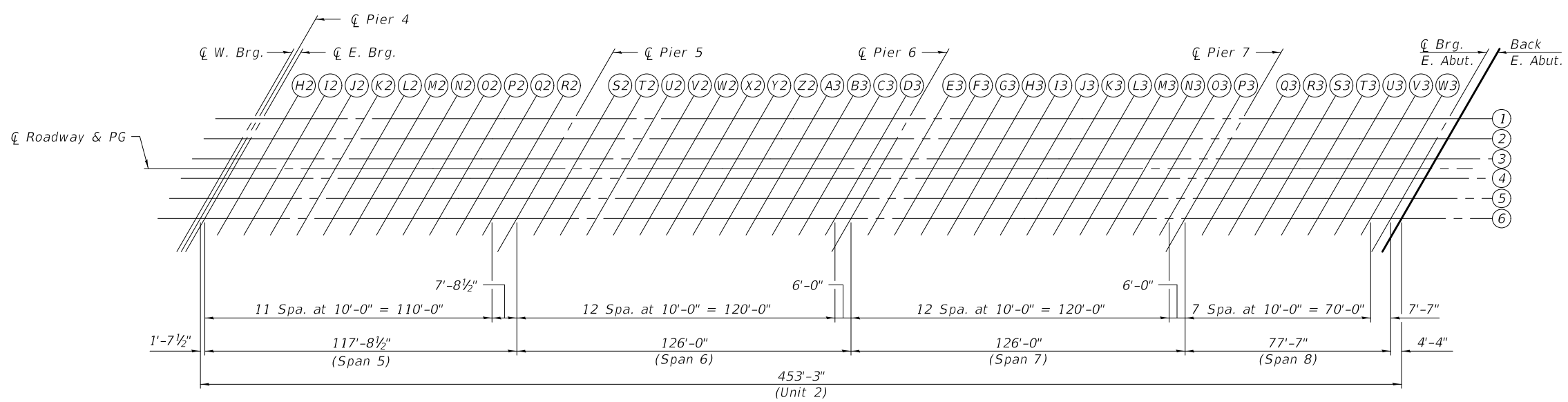
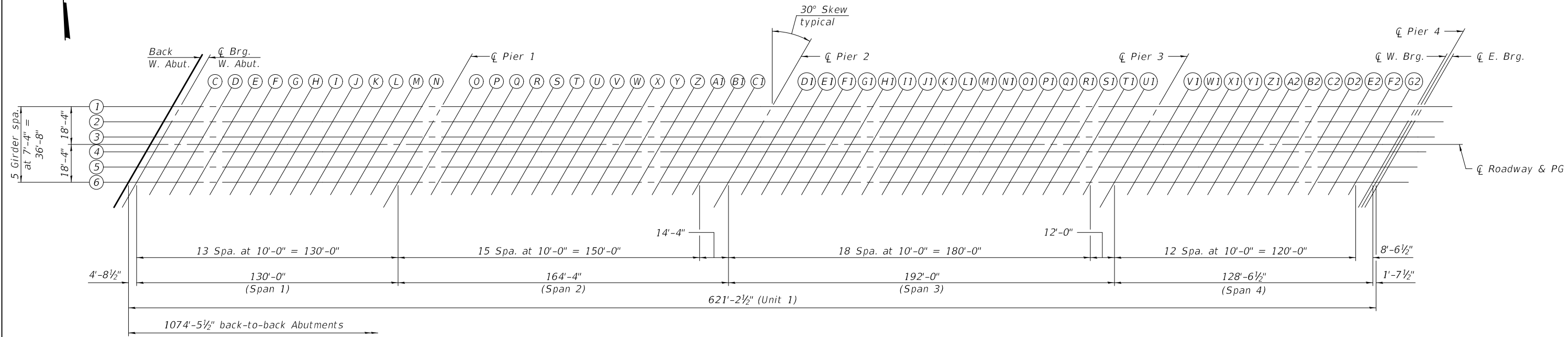
DESIGNED - Z.T.B. / J.O.V.	EXAMINED	DATE - OCTOBER 15, 2018
CHECKED - J.O.V. / Z.T.B.	 ENGINEER OF BRIDGE DESIGN	REVISED -
DRAWN - MICHAEL B. MOSSMAN		REVISED -
CHECKED - J.O.V. / P.G. / G.R.A.		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBSTRUCTURE LAYOUT
STRUCTURE NO. 014 - 0080

SHEET 3 OF 96 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	67
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				



PLAN

MODEL: 0140080-76887-004
 FILE NAME: p:\w\1084EBID\INTEG\illinois.gov\PWIDOT\Documents\Projects\0140080\CADD Plans\0140080-76887.dgn

DESIGNED -	JOSUE D. ORTIZ-VARELA
CHECKED -	ZACHARY T. BULVA
DRAWN -	MICHAEL B. MOSSMAN
CHECKED -	J.O.V. / P.G. / G.R.A.

EXAMINED	<i>Joanne F. Joffe</i>
PASSED	<i>Carl K...</i>

DATE -	OCTOBER 15, 2018
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS
STRUCTURE NO. 014 - 0080

SHEET 4 OF 96 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	68
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

GIRDER 1 (UNIT 1)

GIRDER 2 (UNIT 1)

GIRDER 3 (UNIT 1)

Table for GIRDER 1 (UNIT 1) with columns: Location, Station, Offset, Theoretical Grade Elevations, Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding.

Table for GIRDER 2 (UNIT 1) with columns: Location, Station, Offset, Theoretical Grade Elevations, Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding.

Table for GIRDER 3 (UNIT 1) with columns: Location, Station, Offset, Theoretical Grade Elevations, Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding.

MODEL: 0140080-76887-005 FILE NAME: \\VIL084EBID\INTEG\ilincs\gov\p\IDOT\Documents\DOT Offices\Bureau of Bridges and Structures\Projects\0140080\CADD Plans\0140080-76887.dgn

DESIGNED - JOSUE D. ORTIZ-VARELA, EXAMINED, PASSED, DATE - OCTOBER 15, 2018, ENGINEER OF BRIDGES AND STRUCTURES

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION, TOP OF SLAB ELEVATIONS (UNIT 1) STRUCTURE NO. 014 - 0080

SHEET 5 OF 96 SHEETS, ILLINOIS FED. AID PROJECT, CONTRACT NO. 76887

Q ROADWAY & PG (UNIT 1)

GIRDER 4 (UNIT 1)

GIRDER 5 (UNIT 1)

Table with 5 columns: Location, Station, Offset, Theoretical Grade Elevations, Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding. Rows include Bk. West Abut., Q Brg. West Abut., Q Pier 1, Q Pier 2, Q Pier 3, and Q W. Brg. Pier 4.

Table with 5 columns: Location, Station, Offset, Theoretical Grade Elevations, Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding. Rows include Bk. West Abut., Q Brg. West Abut., Q Pier 1, Q Pier 2, Q Pier 3, and Q W. Brg. Pier 4.

Table with 5 columns: Location, Station, Offset, Theoretical Grade Elevations, Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding. Rows include Bk. West Abut., Q Brg. West Abut., Q Pier 1, Q Pier 2, Q Pier 3, and Q W. Brg. Pier 4.

MODEL: 0140080-76887-006 FILE NAME: \\VIL084EID\INTEG\jil\mde.gov\p\DOT\Documents\DOT_Offices\Bureau of Bridges and Structures\Projects\0140080\CADD_Plans\0140080-76887.dgn

DESIGNED - JOSUE D. ORTIZ-VARELA EXAMINED [Signature] DATE - OCTOBER 15, 2018 CHECKED - ZACHARY T. BULVA PASSED [Signature] ENGINEER OF BRIDGE DESIGN REVISIONS table

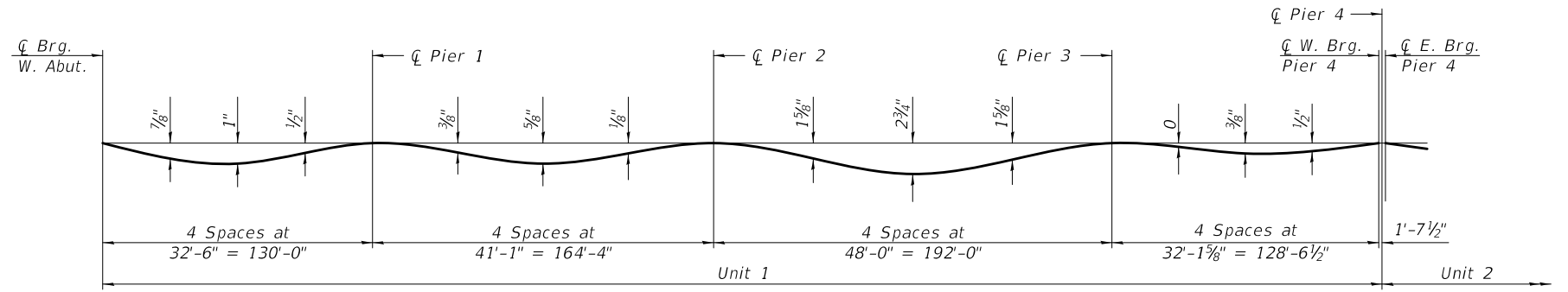
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS (UNIT 1) STRUCTURE NO. 014 - 0080 SHEET 6 OF 96 SHEETS

Table with columns: F.A.P. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO. 76887, ILLINOIS FED. AID PROJECT

GIRDER 6 (UNIT 1)

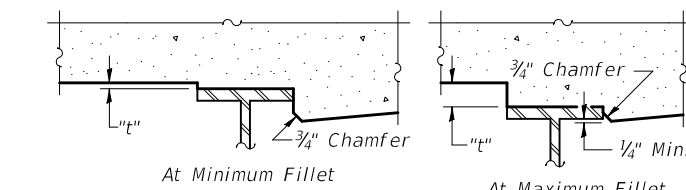
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. West Abut.	724+55.76	18.33	457.51	457.53
Q Brg. West Abut.	724+60.48	18.33	457.58	457.60
C	724+70.48	18.33	457.73	457.78
D	724+80.48	18.33	457.88	457.95
E	724+90.48	18.33	458.03	458.12
F	725+00.48	18.33	458.18	458.27
G	725+10.48	18.33	458.32	458.42
H	725+20.48	18.33	458.45	458.55
I	725+30.48	18.33	458.58	458.68
J	725+40.48	18.33	458.70	458.78
K	725+50.48	18.33	458.81	458.89
L	725+60.48	18.33	458.92	458.98
M	725+70.48	18.33	459.03	459.07
N	725+80.48	18.33	459.12	459.16
Q Pier 1	725+90.48	18.33	459.21	459.23
O	726+00.48	18.33	459.30	459.33
P	726+10.48	18.33	459.38	459.41
Q	726+20.48	18.33	459.45	459.49
R	726+30.48	18.33	459.52	459.56
S	726+40.48	18.33	459.58	459.63
T	726+50.48	18.33	459.63	459.69
U	726+60.48	18.33	459.68	459.74
V	726+70.48	18.33	459.73	459.80
W	726+80.48	18.33	459.78	459.84
X	726+90.48	18.33	459.83	459.89
Y	727+00.48	18.33	459.88	459.93
Z	727+10.48	18.33	459.93	459.97
A1	727+20.48	18.33	459.98	460.01
B1	727+30.48	18.33	460.03	460.06
C1	727+40.48	18.33	460.08	460.11
Q Pier 2	727+54.81	18.33	460.16	460.18
D1	727+64.81	18.33	460.21	460.25
E1	727+74.81	18.33	460.26	460.33
F1	727+84.81	18.33	460.31	460.41
G1	727+94.81	18.33	460.36	460.49
H1	728+04.81	18.33	460.41	460.57
I1	728+14.81	18.33	460.46	460.64
J1	728+24.81	18.33	460.51	460.71
K1	728+34.81	18.33	460.56	460.78
L1	728+44.81	18.33	460.61	460.85
M1	728+54.81	18.33	460.66	460.90
N1	728+64.81	18.33	460.71	460.93
O1	728+74.81	18.33	460.76	460.96
P1	728+84.81	18.33	460.81	460.99
Q1	728+94.81	18.33	460.86	461.03
R1	729+04.81	18.33	460.91	461.05
S1	729+14.81	18.33	460.96	461.07
T1	729+24.81	18.33	461.01	461.09
U1	729+34.81	18.33	461.05	461.10
Q Pier 3	729+46.81	18.33	461.09	461.11
V1	729+56.81	18.33	461.12	461.14
W1	729+66.81	18.33	461.15	461.17
X1	729+76.81	18.33	461.16	461.18
Y1	729+86.81	18.33	461.17	461.20
Z1	729+96.81	18.33	461.18	461.22
A2	730+06.81	18.33	461.18	461.23
B2	730+16.81	18.33	461.17	461.22
C2	730+26.81	18.33	461.16	461.21
D2	730+36.81	18.33	461.14	461.20
E2	730+46.81	18.33	461.11	461.17
F2	730+56.81	18.33	461.08	461.12
G2	730+66.81	18.33	461.04	461.07
Q W. Brg. Pier 4	730+75.34	18.33	461.01	461.03
Q Pier 4	730+76.97	18.33	461.00	461.02



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

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 and grinding as shown on sheets 5 thru 7 of 96.



To determine "t": After all structural steel has been erected, elevations of the top flanges of the girders shall be taken at intervals shown on sheet 4 of 96. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding" shown on sheets 5 thru 7 of 96, minus 8 1/4" slab thickness, equals the fillet heights "t" above top flange of girders.

The slab is to be ground after curing to achieve smoothness, but the slab is not to be ground to elevations below the "Theoretical Grade Elevations" shown on sheets 5 thru 7 of 96. For grinding the deck, see Special Provisions.

FILLET HEIGHTS

MODEL: 0140080-76887-007
FILE NAME: p:\v\084EBID\INTEG\illinois\p\w\DOT\Documents\DOT Offices\Bureau of Bridges and Structures\Projects\0140080\CADD Plans\0140080-76887.dgn

DESIGNED - JOSUE D. ORTIZ-VARELA	EXAMINED - <i>Joanne F. [Signature]</i>	DATE - OCTOBER 15, 2018
CHECKED - ZACHARY T. BULVA	PASSED - <i>Carl [Signature]</i>	REVISOR -
DRAWN - MICHAEL B. MOSSMAN	ENGINEER OF BRIDGES AND STRUCTURES	REVISOR -
CHECKED - J.O.V. / P.G. / G.R.A.		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS (UNIT 1)
STRUCTURE NO. 014 - 0080

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	71
CONTRACT NO. 76887				
SHEET 7 OF 96 SHEETS				
ILLINOIS FED. AID PROJECT				

GIRDER 1 (UNIT 2)

GIRDER 2 (UNIT 2)

GIRDER 3 (UNIT 2)

Table for Girder 1 (Unit 2) with columns: Location, Station, Offset, Theoretical Grade Elevations, Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding.

Table for Girder 2 (Unit 2) with columns: Location, Station, Offset, Theoretical Grade Elevations, Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding.

Table for Girder 3 (Unit 2) with columns: Location, Station, Offset, Theoretical Grade Elevations, Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding.

MODEL: 0140080-76887-008 FILE NAME: p:\v\084EBID\INTEG\Illinoi... Projects\0140080\CADD Plans\0140080-76887.dgn

DESIGNED - JOSUE D. ORTIZ-VARELA CHECKED - ZACHARY T. BULVA DRAWN - MICHAEL B. MOSSMAN CHECKED - J.O.V. / P.G. / G.R.A.

EXAMINED [Signature] PASSED [Signature]

DATE - OCTOBER 15, 2018 REVISED - REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS (UNIT 2) STRUCTURE NO. 014 - 0080

SHEET 8 OF 96 SHEETS

Table with columns: F.A.P. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., ILLINOIS, FED. AID PROJECT.

☒ ROADWAY & PG

GIRDER 4 (UNIT 2)

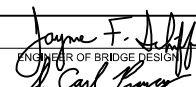

GIRDER 5 (UNIT 2)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
☒ Pier 4	730+87.56	0.00	461.25	461.27
☒ E. Brg Pier 4	730+89.19	0.00	461.25	461.27
H2	730+99.19	0.00	461.20	461.26
I2	731+09.19	0.00	461.15	461.26
J2	731+19.19	0.00	461.10	461.26
K2	731+29.19	0.00	461.05	461.22
L2	731+39.19	0.00	461.00	461.18
M2	731+49.19	0.00	460.95	461.13
N2	731+59.19	0.00	460.90	461.06
O2	731+69.19	0.00	460.85	460.98
P2	731+79.19	0.00	460.80	460.90
Q2	731+89.19	0.00	460.75	460.82
R2	731+99.19	0.00	460.70	460.74
☒ Pier 5	732+06.89	0.00	460.66	460.68
S2	732+16.89	0.00	460.61	460.63
T2	732+26.89	0.00	460.56	460.58
U2	732+36.89	0.00	460.51	460.54
V2	732+46.89	0.00	460.46	460.49
W2	732+56.89	0.00	460.41	460.45
X2	732+66.89	0.00	460.36	460.41
Y2	732+76.89	0.00	460.31	460.36
Z2	732+86.89	0.00	460.26	460.30
A3	732+96.89	0.00	460.21	460.25
B3	733+06.89	0.00	460.16	460.19
C3	733+16.89	0.00	460.11	460.14
D3	733+26.89	0.00	460.06	460.08
☒ Pier 6	733+32.89	0.00	460.03	460.05
E3	733+42.89	0.00	459.98	460.02
F3	733+52.89	0.00	459.93	459.99
G3	733+62.89	0.00	459.88	459.96
H3	733+72.89	0.00	459.82	459.92
I3	733+82.89	0.00	459.76	459.87
J3	733+92.89	0.00	459.69	459.82
K3	734+02.89	0.00	459.62	459.74
L3	734+12.89	0.00	459.54	459.65
M3	734+22.89	0.00	459.45	459.55
N3	734+32.89	0.00	459.36	459.44
O3	734+42.89	0.00	459.26	459.32
P3	734+52.89	0.00	459.16	459.19
☒ Pier 7	734+58.89	0.00	459.09	459.11
Q3	734+68.89	0.00	458.98	459.00
R3	734+78.89	0.00	458.86	458.88
S3	734+88.89	0.00	458.73	458.76
T3	734+98.89	0.00	458.60	458.63
U3	735+08.89	0.00	458.46	458.49
V3	735+18.89	0.00	458.32	458.35
W3	735+28.89	0.00	458.17	458.19
☒ Brg. East Abut.	735+36.47	0.00	458.06	458.08
Bk. East Abut.	735+40.80	0.00	457.99	458.01

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
☒ Pier 4	730+85.44	3.67	461.21	461.23
☒ E. Brg Pier 4	730+87.08	3.67	461.20	461.22
H2	730+97.08	3.67	461.15	461.22
I2	731+07.08	3.67	461.10	461.22
J2	731+17.08	3.67	461.05	461.22
K2	731+27.08	3.67	461.00	461.18
L2	731+37.08	3.67	460.95	461.14
M2	731+47.08	3.67	460.90	461.09
N2	731+57.08	3.67	460.85	461.01
O2	731+67.08	3.67	460.80	460.93
P2	731+77.08	3.67	460.75	460.85
Q2	731+87.08	3.67	460.70	460.77
R2	731+97.08	3.67	460.65	460.70
☒ Pier 5	732+04.77	3.67	460.61	460.63
S2	732+14.77	3.67	460.56	460.59
T2	732+24.77	3.67	460.51	460.54
U2	732+34.77	3.67	460.46	460.49
V2	732+44.77	3.67	460.41	460.45
W2	732+54.77	3.67	460.36	460.41
X2	732+64.77	3.67	460.31	460.37
Y2	732+74.77	3.67	460.26	460.32
Z2	732+84.77	3.67	460.21	460.26
A3	732+94.77	3.67	460.16	460.20
B3	733+04.77	3.67	460.11	460.15
C3	733+14.77	3.67	460.06	460.09
D3	733+24.77	3.67	460.01	460.04
☒ Pier 6	733+30.77	3.67	459.98	460.00
E3	733+40.77	3.67	459.93	459.97
F3	733+50.77	3.67	459.88	459.94
G3	733+60.77	3.67	459.83	459.91
H3	733+70.77	3.67	459.78	459.87
I3	733+80.77	3.67	459.72	459.83
J3	733+90.77	3.67	459.65	459.78
K3	734+00.77	3.67	459.58	459.70
L3	734+10.77	3.67	459.50	459.61
M3	734+20.77	3.67	459.42	459.51
N3	734+30.77	3.67	459.33	459.40
O3	734+40.77	3.67	459.23	459.28
P3	734+50.77	3.67	459.13	459.16
☒ Pier 7	734+56.77	3.67	459.06	459.08
Q3	734+66.77	3.67	458.95	458.97
R3	734+76.77	3.67	458.83	458.85
S3	734+86.77	3.67	458.71	458.73
T3	734+96.77	3.67	458.58	458.60
U3	735+06.77	3.67	458.44	458.47
V3	735+16.77	3.67	458.29	458.32
W3	735+26.77	3.67	458.15	458.17
☒ Brg. East Abut.	735+34.36	3.67	458.03	458.05
Bk. East Abut.	735+38.69	3.67	457.97	457.99

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
☒ Pier 4	730+81.21	11.00	461.12	461.14
☒ E. Brg Pier 4	730+82.84	11.00	461.11	461.13
H2	730+92.84	11.00	461.06	461.13
I2	731+02.84	11.00	461.01	461.13
J2	731+12.84	11.00	460.96	461.13
K2	731+22.84	11.00	460.91	461.09
L2	731+32.84	11.00	460.86	461.05
M2	731+42.84	11.00	460.81	461.00
N2	731+52.84	11.00	460.76	460.92
O2	731+62.84	11.00	460.71	460.84
P2	731+72.84	11.00	460.66	460.77
Q2	731+82.84	11.00	460.61	460.69
R2	731+92.84	11.00	460.56	460.61
☒ Pier 5	732+00.54	11.00	460.52	460.54
S2	732+10.54	11.00	460.47	460.50
T2	732+20.54	11.00	460.42	460.45
U2	732+30.54	11.00	460.37	460.40
V2	732+40.54	11.00	460.32	460.36
W2	732+50.54	11.00	460.27	460.32
X2	732+60.54	11.00	460.22	460.28
Y2	732+70.54	11.00	460.17	460.23
Z2	732+80.54	11.00	460.12	460.17
A3	732+90.54	11.00	460.07	460.11
B3	733+00.54	11.00	460.02	460.06
C3	733+10.54	11.00	459.97	460.00
D3	733+20.54	11.00	459.92	459.95
☒ Pier 6	733+26.54	11.00	459.89	459.91
E3	733+36.54	11.00	459.84	459.88
F3	733+46.54	11.00	459.79	459.85
G3	733+56.54	11.00	459.74	459.82
H3	733+66.54	11.00	459.69	459.79
I3	733+76.54	11.00	459.64	459.75
J3	733+86.54	11.00	459.57	459.70
K3	733+96.54	11.00	459.50	459.62
L3	734+06.54	11.00	459.43	459.53
M3	734+16.54	11.00	459.34	459.44
N3	734+26.54	11.00	459.26	459.33
O3	734+36.54	11.00	459.16	459.22
P3	734+46.54	11.00	459.06	459.09
☒ Pier 7	734+52.54	11.00	459.00	459.02
Q3	734+62.54	11.00	458.89	458.91
R3	734+72.54	11.00	458.77	458.79
S3	734+82.54	11.00	458.65	458.67
T3	734+92.54	11.00	458.52	458.55
U3	735+02.54	11.00	458.39	458.41
V3	735+12.54	11.00	458.25	458.27
W3	735+22.54	11.00	458.10	458.12
☒ Brg. East Abut.	735+30.12	11.00	457.99	458.01
Bk. East Abut.	735+34.45	11.00	457.92	457.94

MODEL: 0140080-76887-009
 FILE NAME: pw:\1084\BID\INTEG\Illinois.gov\PWIDOT\Documents\DOT_Offices\Bureau of Bridges and Structures\Projects\0140080\CADD_Plans\0140080-76887.dgn
 10/15/2018 8:58:10 AM

DESIGNED - JOSUE D. ORTIZ-VARELA	EXAMINED - 	DATE - OCTOBER 15, 2018
CHECKED - ZACHARY T. BULVA	PASSED - 	REVISER -
DRAWN - MICHAEL B. MOSSMAN	ENGINEER OF BRIDGES AND STRUCTURES	REVISER -
CHECKED - J.O.V. / P.G. / G.R.A.		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

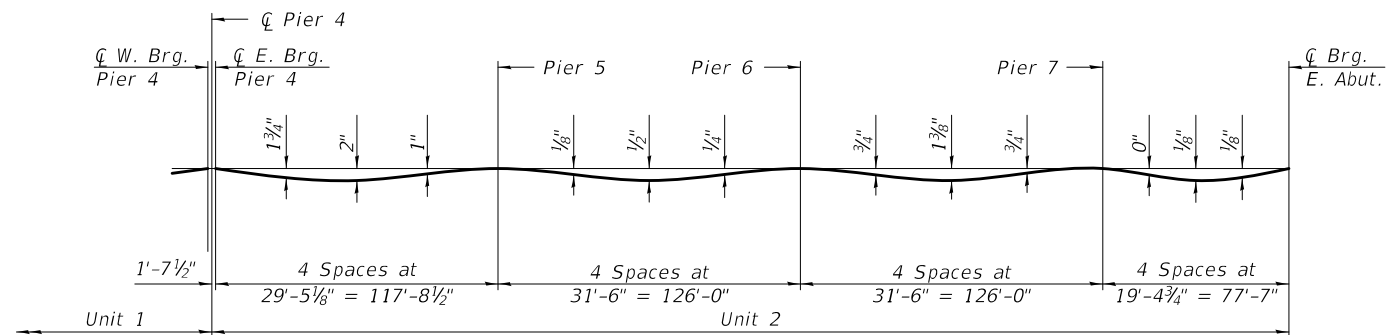
TOP OF SLAB ELEVATIONS (UNIT 2)
 STRUCTURE NO. 014 - 0080

SHEET 9 OF 96 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	73
CONTRACT NO. 76887				
ILLINOIS		FED. AID PROJECT		

GIRDER 6 (UNIT 2)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Q Pier 4	730+76.97	18.33	461.00	461.02
Q E. Brg Pier 4	730+78.61	18.33	460.99	461.01
H2	730+88.61	18.33	460.94	461.01
I2	730+98.61	18.33	460.89	461.01
J2	731+08.61	18.33	460.84	461.01
K2	731+18.61	18.33	460.79	460.97
L2	731+28.61	18.33	460.74	460.93
M2	731+38.61	18.33	460.69	460.88
N2	731+48.61	18.33	460.64	460.80
O2	731+58.61	18.33	460.59	460.72
P2	731+68.61	18.33	460.54	460.65
Q2	731+78.61	18.33	460.49	460.57
R2	731+88.61	18.33	460.44	460.49
Q Pier 5	731+96.31	18.33	460.40	460.42
S2	732+06.31	18.33	460.35	460.38
T2	732+16.31	18.33	460.30	460.33
U2	732+26.31	18.33	460.25	460.28
V2	732+36.31	18.33	460.20	460.24
W2	732+46.31	18.33	460.15	460.20
X2	732+56.31	18.33	460.10	460.16
Y2	732+66.31	18.33	460.05	460.11
Z2	732+76.31	18.33	460.00	460.05
A3	732+86.31	18.33	459.95	459.99
B3	732+96.31	18.33	459.90	459.94
C3	733+06.31	18.33	459.85	459.88
D3	733+16.31	18.33	459.80	459.83
Q Pier 6	733+22.31	18.33	459.77	459.79
E3	733+32.31	18.33	459.72	459.76
F3	733+42.31	18.33	459.67	459.73
G3	733+52.31	18.33	459.62	459.70
H3	733+62.31	18.33	459.57	459.67
I3	733+72.31	18.33	459.52	459.63
J3	733+82.31	18.33	459.46	459.58
K3	733+92.31	18.33	459.39	459.51
L3	734+02.31	18.33	459.32	459.42
M3	734+12.31	18.33	459.24	459.33
N3	734+22.31	18.33	459.15	459.23
O3	734+32.31	18.33	459.06	459.11
P3	734+42.31	18.33	458.96	459.00
Q Pier 7	734+48.31	18.33	458.90	458.92
Q3	734+58.31	18.33	458.79	458.81
R3	734+68.31	18.33	458.68	458.70
S3	734+78.31	18.33	458.56	458.58
T3	734+88.31	18.33	458.43	458.46
U3	734+98.31	18.33	458.30	458.33
V3	735+08.31	18.33	458.16	458.19
W3	735+18.31	18.33	458.02	458.05
Q Brg. East Abut.	735+25.89	18.33	457.91	457.93
Bk. East Abut.	735+30.22	18.33	457.84	457.86

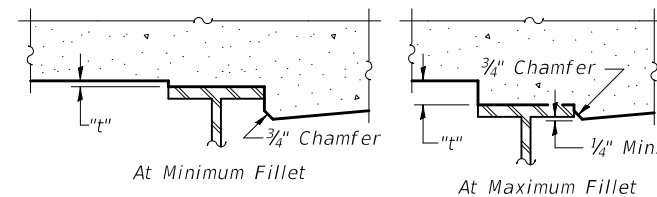


DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

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 and grinding as shown on sheets 8 thru 10 of 96.



To determine "t": After all structural steel has been erected, elevations of the top flanges of the girders shall be taken at intervals shown on sheet 4 of 96. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding" shown on sheets 8 thru 10 of 96, minus 8 1/4" slab thickness, equals the fillet heights "t" above top flange of girders.

The slab is to be ground after curing to achieve smoothness, but the slab is not to be ground to elevations below the "Theoretical Grade Elevations" shown on sheets 8 thru 10 of 96. For grinding the deck, see Special Provisions.

FILLET HEIGHTS

MODEL: 0140080-76887-010
FILE NAME: p:\v\084EBID\INTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\Bureau of Bridges and Structures\Projects\0140080\CADD Plans\0140080-76887.dgn

DESIGNED - JOSUE D. ORTIZ-VARELA	EXAMINED - <i>Joanne F. [Signature]</i>	DATE - OCTOBER 15, 2018
CHECKED - ZACHARY T. BULVA	PASSED - <i>Carl [Signature]</i>	REVISOR -
DRAWN - MICHAEL B. MOSSMAN	ENGINEER OF BRIDGES AND STRUCTURES	REVISOR -
CHECKED - J.O.V. / P.G. / G.R.A.		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS (UNIT 2)
STRUCTURE NO. 014 - 0080**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	74
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

SHEET 10 OF 96 SHEETS

NORTH EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of W. Appr. Slab	724+49.04	-20.00	457.38	457.40
A	724+59.04	-20.00	457.53	457.55
B	724+69.04	-20.00	457.68	457.70
E. End of W. Appr. Slab	724+79.04	-20.00	457.83	457.85

NORTH EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of W. Appr. Slab	724+44.42	-12.00	457.47	457.49
A	724+54.42	-12.00	457.62	457.64
B	724+64.42	-12.00	457.77	457.79
E. End of W. Appr. Slab	724+74.42	-12.00	457.92	457.94

CL ROADWAY & PG

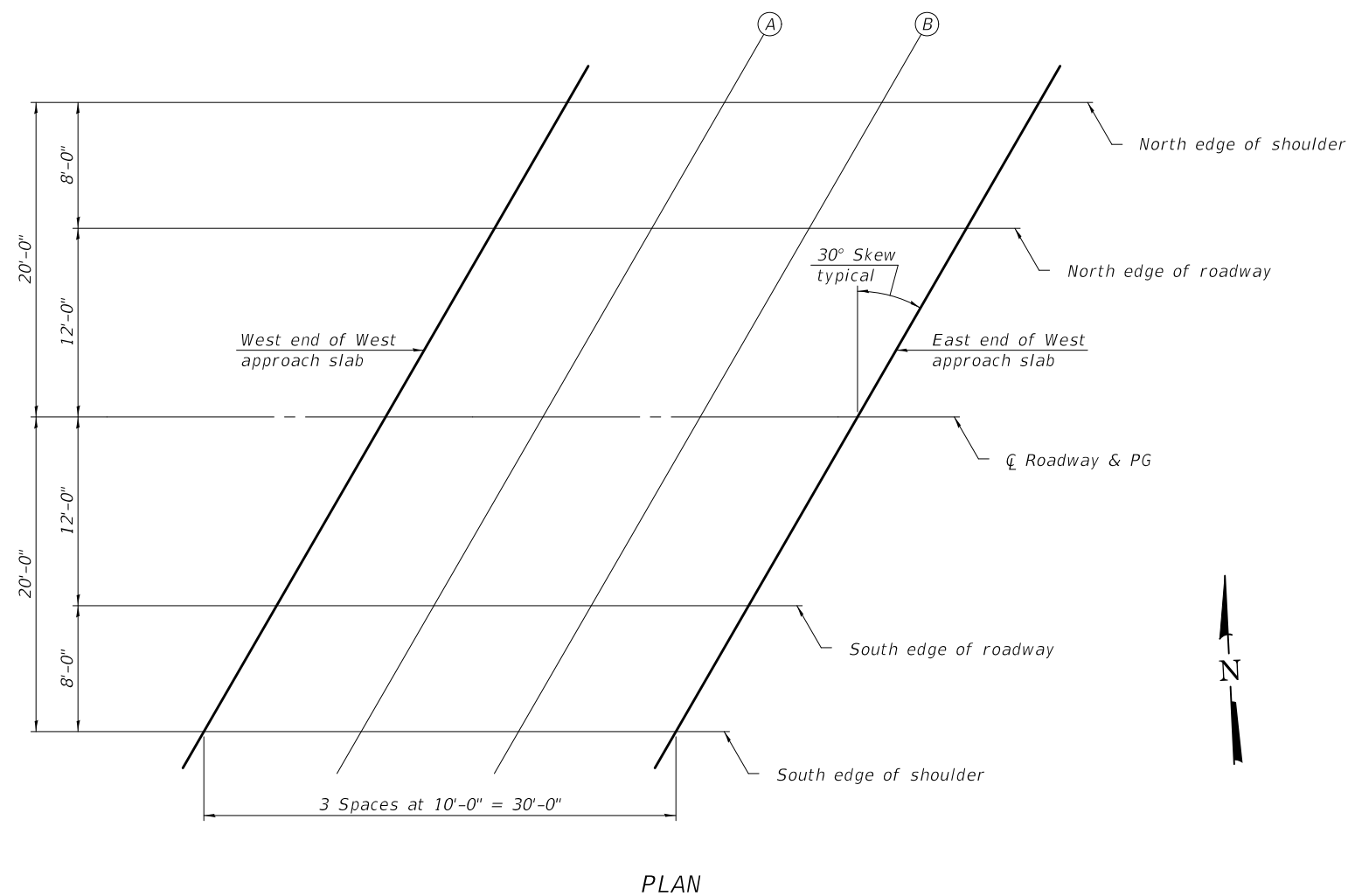
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of W. Appr. Slab	724+37.49	0.00	457.55	457.57
A	724+47.49	0.00	457.70	457.72
B	724+57.49	0.00	457.85	457.87
E. End of W. Appr. Slab	724+67.49	0.00	458.00	458.02

SOUTH EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of W. Appr. Slab	724+30.57	12.00	457.26	457.28
A	724+40.57	12.00	457.41	457.43
B	724+50.57	12.00	457.56	457.58
E. End of W. Appr. Slab	724+60.57	12.00	457.71	457.73

SOUTH EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of W. Appr. Slab	724+25.95	20.00	457.03	457.05
A	724+35.95	20.00	457.18	457.20
B	724+45.95	20.00	457.33	457.35
E. End of W. Appr. Slab	724+55.95	20.00	457.48	457.50



MODEL: 0140080-76887-011
 FILE NAME: p:\w\11084EBID\INTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\Bureau of Bridges and Structures\Projects\0140080\CADD Plans\0140080-76887.dgn

DESIGNED -	JOSUE D. ORTIZ-VARELA
CHECKED -	ZACHARY T. BULVA
DRAWN -	MICHAEL B. MOSSMAN
CHECKED -	J.O.V. / P.G. / G.R.A.

EXAMINED	<i>Joanne F. DeLuca</i>
PASSED	<i>Carl Kasper</i>

DATE -	OCTOBER 15, 2018
REVISED -	
REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TOP OF WEST APPROACH SLAB ELEVATIONS
 STRUCTURE NO. 014 - 0080**

SHEET 11 OF 96 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	75
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

NORTH EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of E. Appr. Slab	735+51.20	-20.00	457.49	457.51
X3	735+61.20	-20.00	457.34	457.36
Y3	735+71.20	-20.00	457.19	457.21
E. End of E. Appr. Slab	735+81.20	-20.00	457.04	457.06

NORTH EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of E. Appr. Slab	735+46.58	-12.00	457.72	457.74
X3	735+56.58	-12.00	457.57	457.59
Y3	735+66.58	-12.00	457.42	457.44
E. End of E. Appr. Slab	735+76.58	-12.00	457.27	457.29

CL ROADWAY & PG

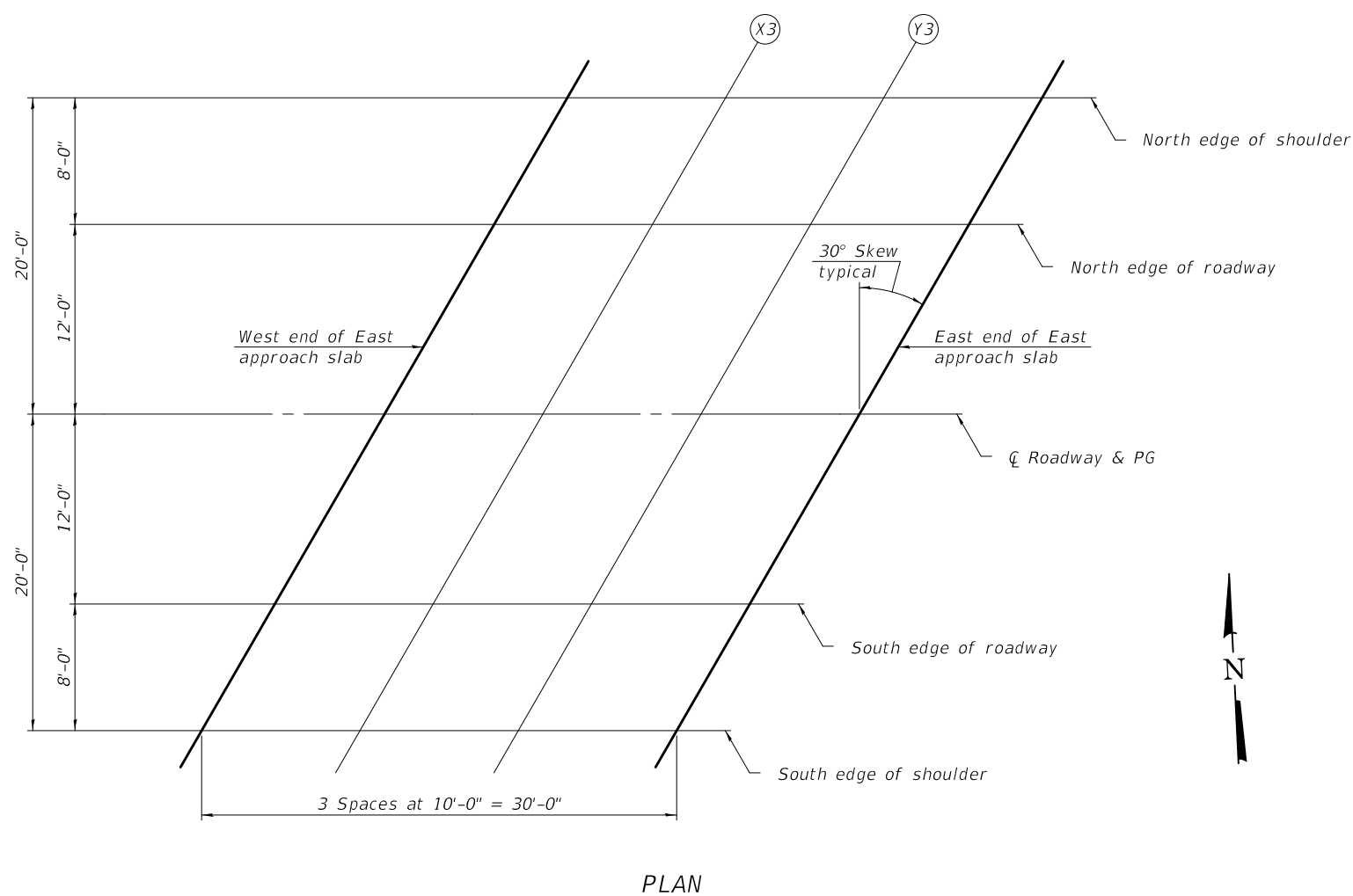
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of E. Appr. Slab	735+39.65	0.00	458.01	458.03
X3	735+49.65	0.00	457.86	457.88
Y3	735+59.65	0.00	457.71	457.73
E. End of E. Appr. Slab	735+69.65	0.00	457.56	457.58

SOUTH EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of E. Appr. Slab	735+32.72	12.00	457.93	457.95
X3	735+42.72	12.00	457.78	457.80
Y3	735+52.72	12.00	457.63	457.65
E. End of E. Appr. Slab	735+62.72	12.00	457.48	457.50

SOUTH EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of E. Appr. Slab	735+28.10	20.00	457.84	457.86
X3	735+38.10	20.00	457.69	457.71
Y3	735+48.10	20.00	457.54	457.56
E. End of E. Appr. Slab	735+58.10	20.00	457.39	457.41



MODEL: 0140080-76887-012
 FILE NAME: p:\v\084EBID\INTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\Bureau of Bridges and Structures\Projects\0140080\CADD Plans\0140080-76887.dgn

DESIGNED -	JOSUE D. ORTIZ-VARELA
CHECKED -	ZACHARY T. BULVA
DRAWN -	MICHAEL B. MOSSMAN
CHECKED -	J.O.V. / P.G. / G.R.A.

EXAMINED	<i>Joanne F. Bulva</i> ENGINEER OF BRIDGE DESIGN
PASSED	<i>Carl Kasper</i> ENGINEER OF BRIDGES AND STRUCTURES

DATE -	OCTOBER 15, 2018
REVISED -	
REVISED -	

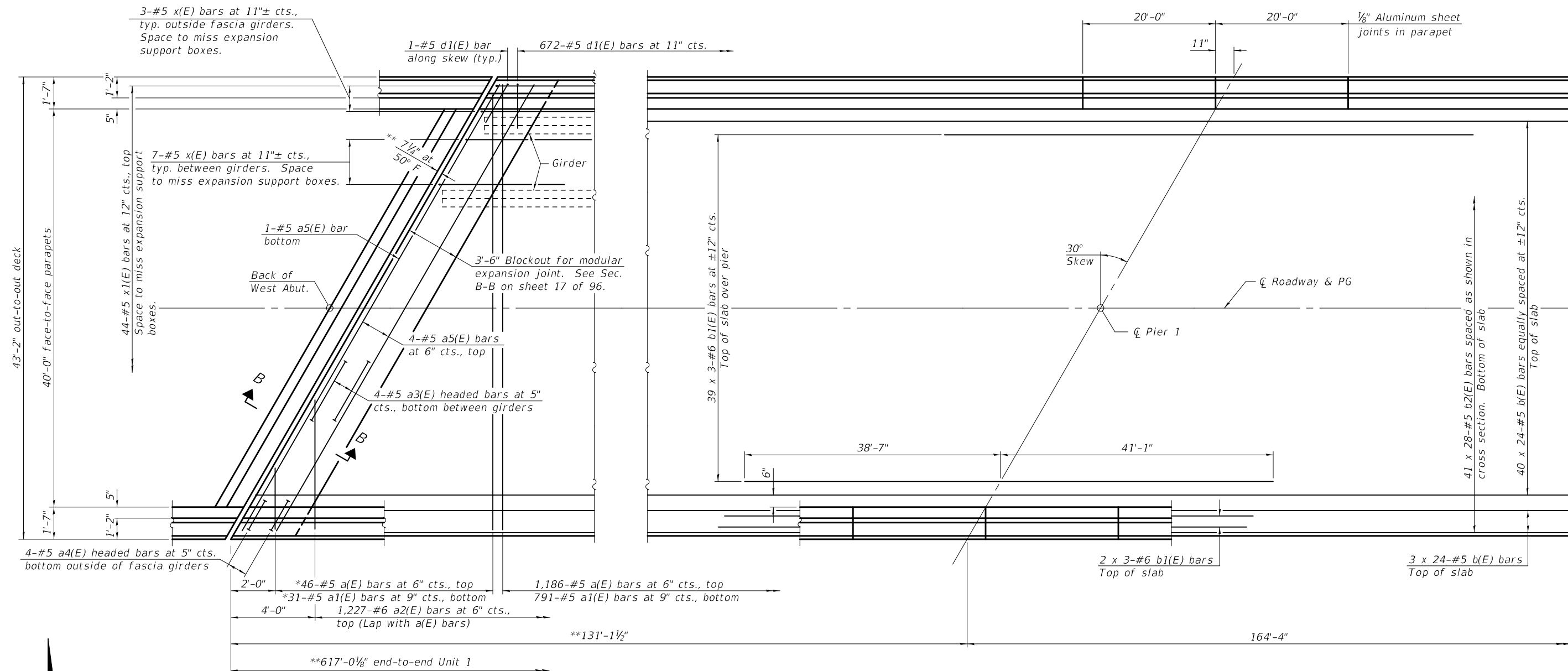
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TOP OF EAST APPROACH SLAB ELEVATIONS
 STRUCTURE NO. 014 - 0080

SHEET 12 OF 96 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	76
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

MODEL: 0140080-76887-013
 FILE NAME: p:\w\1084EBID\INTEG\Illinois\DOT\Documents\Projects\0140080\CADD\Plans\0140080-76887.dgn



PLAN

MINIMUM BAR LAP

#5 bar = 3'-6"
 #6 bar = 3'-7"

- * Order a(E) & a1(E) bars full length. Cut to fit skew and use remainder of bars in opposite end.
- ** Dimension showing concrete opening. For joint opening see sheet 27 of 96.

DESIGNED -	ZACHARY T. BULVA
CHECKED -	JOSUE D. ORTIZ-VARELA
DRAWN -	MICHAEL B. MOSSMAN
CHECKED -	J.O.V. / P.G. / G.R.A.

EXAMINED
 PASSED
Joanne F. J. [Signature]
 ENGINEER OF BRIDGE DESIGN
Carl [Signature]
 ENGINEER OF BRIDGES AND STRUCTURES

DATE -	OCTOBER 15, 2018
REVISED -	
REVISED -	

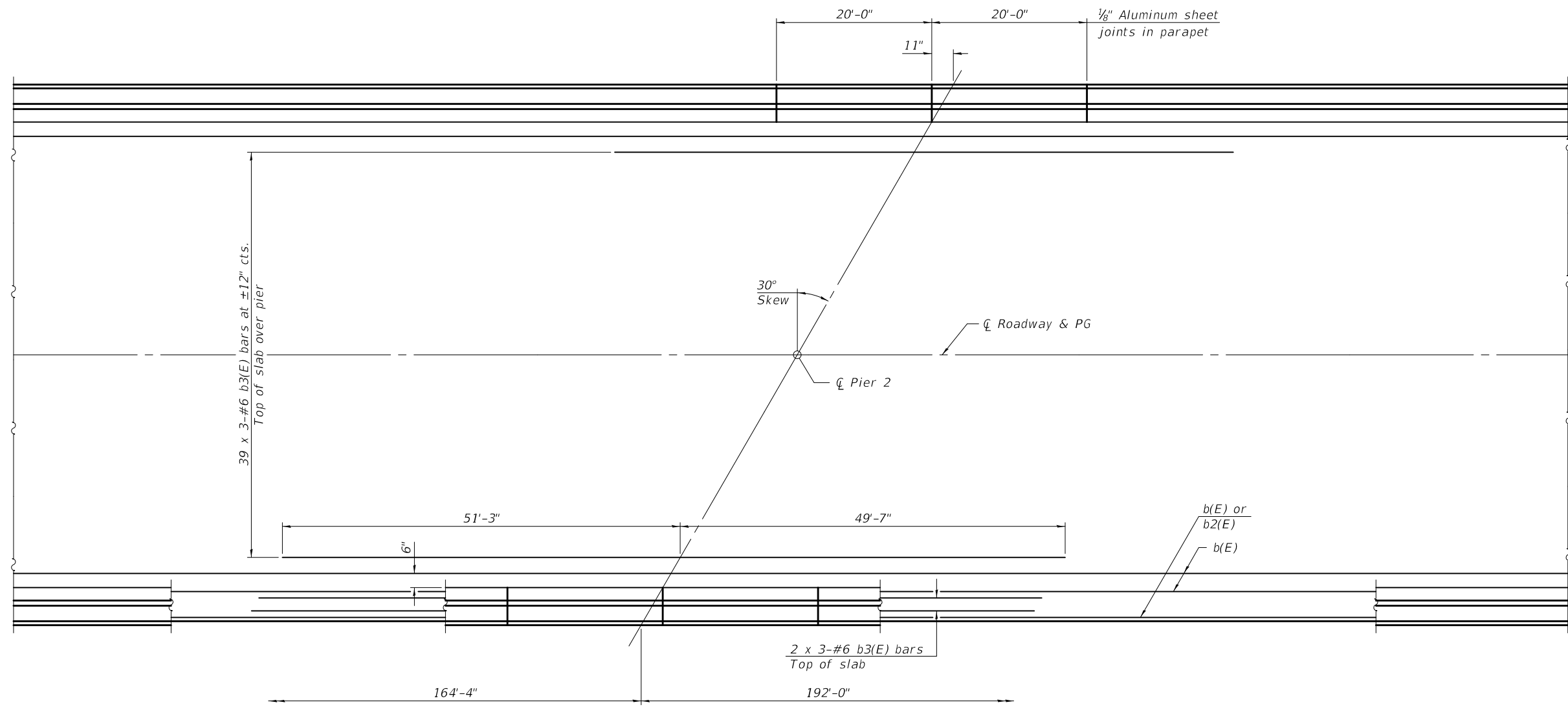
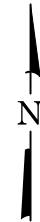
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUPERSTRUCTURE (UNIT 1)
 STRUCTURE NO. 014 - 0080**

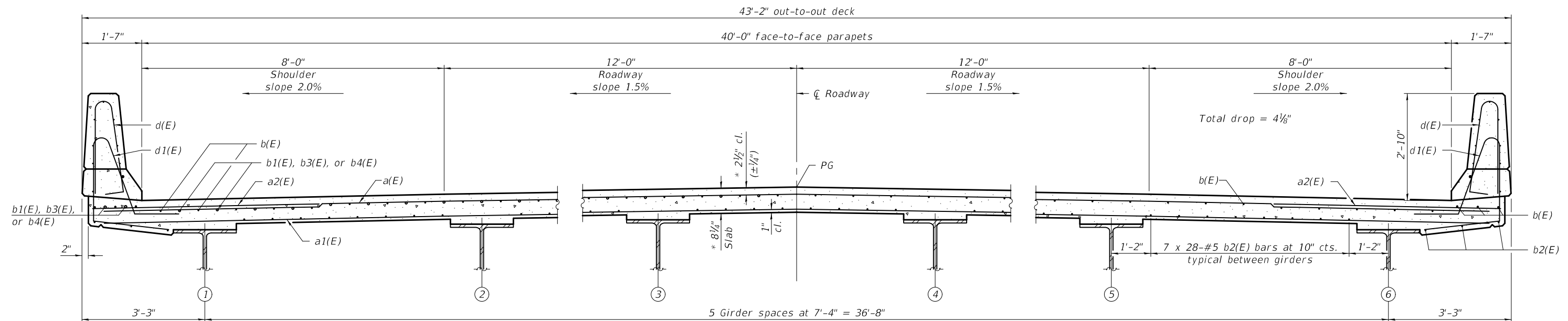
SHEET 13 OF 96 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	77
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

MODEL: 0140080-76887-014
 FILE NAME: p:\w\1084EBID\INTEG\ilmds.gov\PWIDOT\Documents\Bureau of Bridges and Structures\Projects\0140080\CADD Plans\0140080-76887.dgn



PLAN



CROSS SECTION
(Looking East)

* Prior to grinding. Up to 1/4" will be ground off the bridge slab and approach slabs.

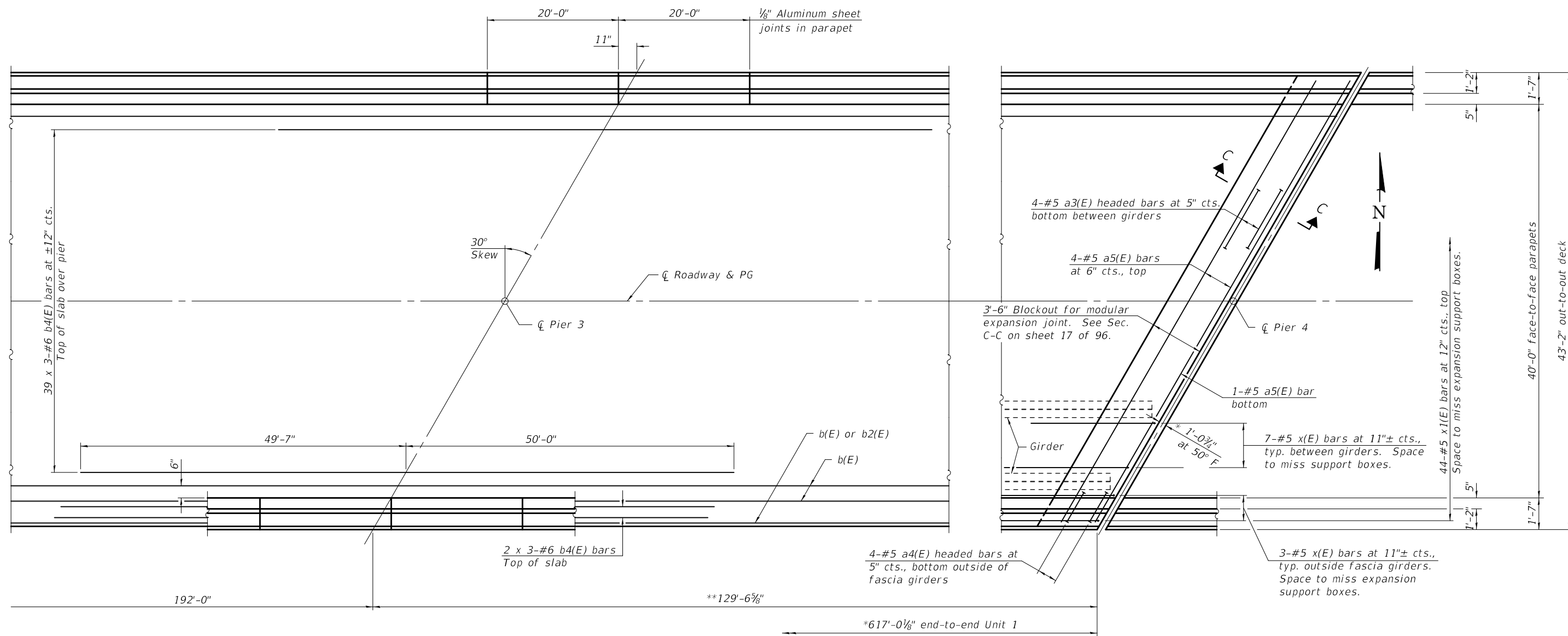
DESIGNED - ZACHARY T. BULVA	EXAMINED - <i>Joanne F. J. [Signature]</i>	DATE - OCTOBER 15, 2018
CHECKED - JOSUE D. ORTIZ-VARELA	PASSED - <i>Carl [Signature]</i>	REVISER -
DRAWN - MICHAEL B. MOSSMAN	ENGINEER OF BRIDGES AND STRUCTURES	REVISER -
CHECKED - J.O.V. / P.G. / G.R.A.		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE (UNIT 1)
STRUCTURE NO. 014 - 0080

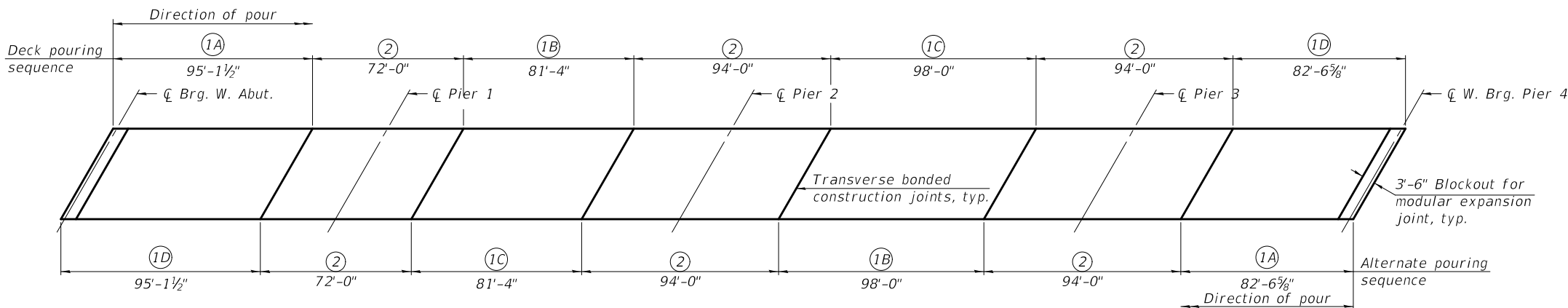
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	78
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

SHEET 14 OF 96 SHEETS



* Dimension showing concrete opening.
For joint opening, see sheet 28 of 96.

PLAN



DECK POURING SEQUENCE

Note:
The bridge deck shall be poured in numeric order per the pouring sequence shown. If the Contractor wishes to alter the deck pour sequence from the sequence shown, the Contractor shall submit a proposed deck pour sequence to the Engineer for review and acceptance.
When the deck pour is stopped for the day at one or more of the transverse bonded construction joints in the deck pouring sequence as shown, the next pour shall not be made until both of the following are met:

1. At least 72 hours shall have elapsed from the end of the previous pour.
2. The concrete strength shall have attained a minimum flexural strength of 650 psi or a minimum compressive strength of 3500 psi.

Blockout areas for modular expansion joints shall not be poured until the above noted time and strength requirements have been met for the adjoining pour.
See sheet 17 of 96 for superstructure details and Bill of Material.
Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.
For Sections B-B and C-C, see sheet 17 of 96.

MODEL: 0140080-76887-015
FILE NAME: pw:\11084EBID\INTEG\illinois.gov\PW\DOT\Documents\Projects\0140080\CADD\Plans\0140080-76887.dgn

DESIGNED - ZACHARY T. BULVA	EXAMINED - <i>Joanne F. Joffe</i>	DATE - OCTOBER 15, 2018
CHECKED - JOSUE D. ORTIZ-VARELA	PASSED - <i>Carl Kruger</i>	REVISER -
DRAWN - MICHAEL B. MOSSMAN	ENGINEER OF BRIDGE DESIGN	REVISER -
CHECKED - J.O.V. / P.G. / G.R.A.	ENGINEER OF BRIDGES AND STRUCTURES	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE (UNIT 1)
STRUCTURE NO. 014 - 0080

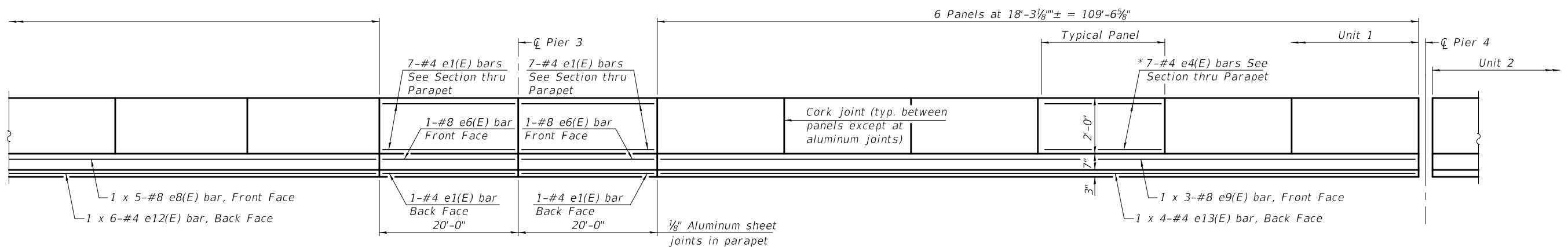
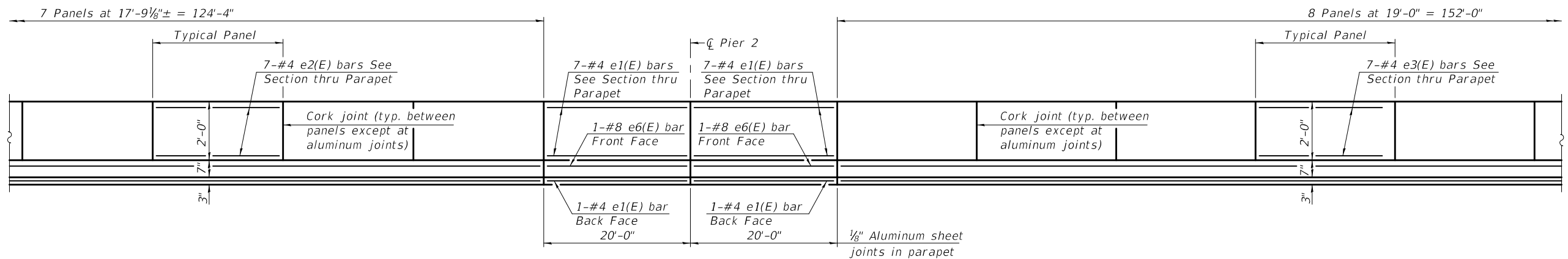
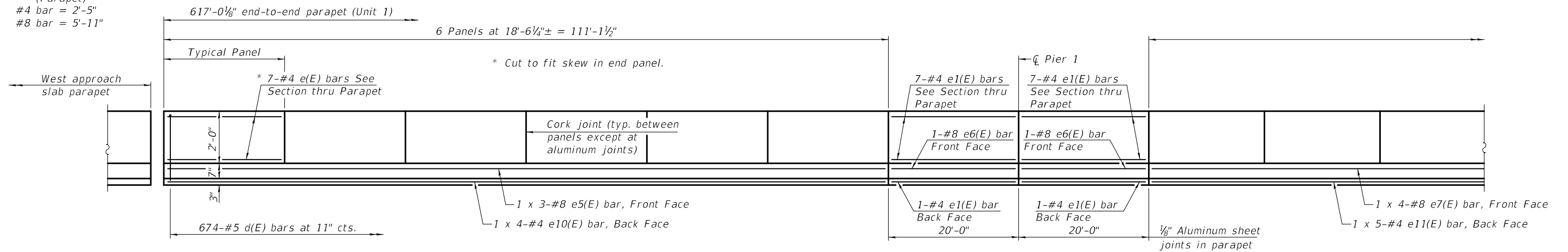
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	79
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

SHEET 15 OF 96 SHEETS

10/15/2018 1:43:55 PM

MINIMUM BAR LAP

(Parapet)
 #4 bar = 2'-5"
 #8 bar = 5'-11"



INSIDE ELEVATION OF PARAPET
 (North parapet shown, South parapet mirror image)

MODEL: 0140080-76887-016
 FILE NAME: p:\w\1084EBID\INTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\Bureau of Bridges and Structures\Projects\0140080\CADD Plans\0140080-76887.dgn
 10/15/2018 8:58:12 AM

DESIGNED -	ZACHARY T. BULVA
CHECKED -	JOSUE D. ORTIZ-VARELA
DRAWN -	MICHAEL B. MOSSMAN
CHECKED -	J.O.V. / P.G. / G.R.A.

EXAMINED	<i>Joanne F. [Signature]</i>
PASSED	<i>Carl [Signature]</i>

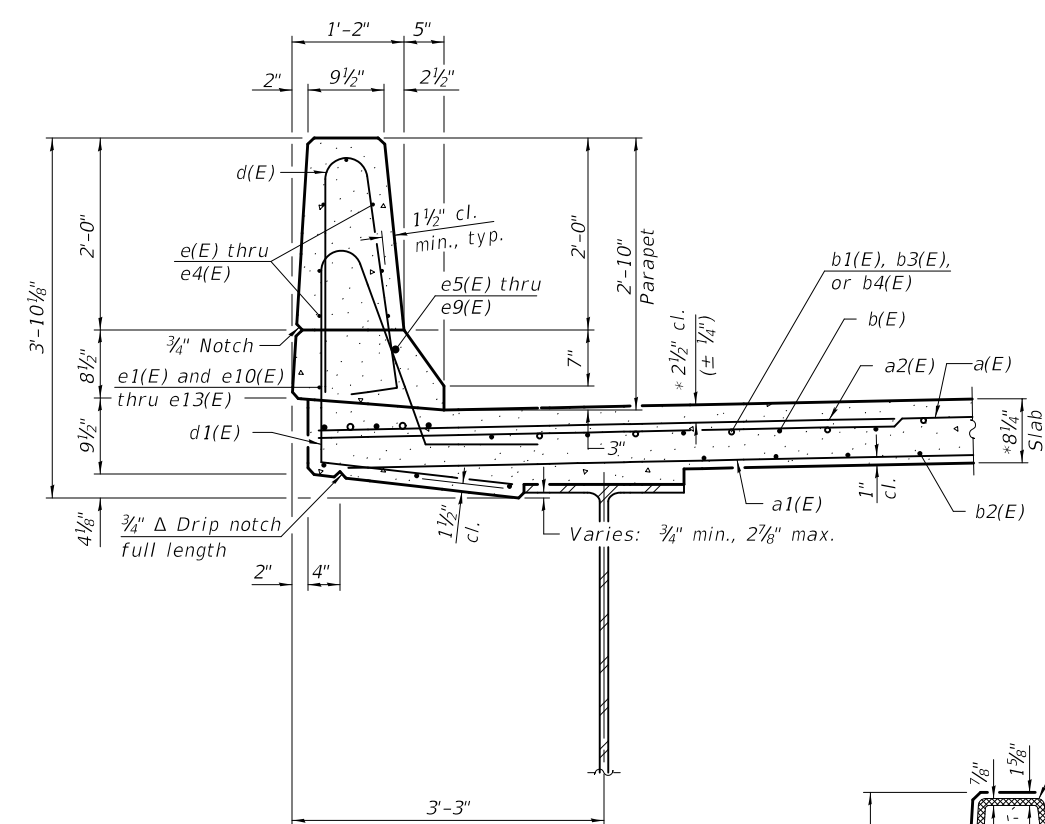
DATE -	OCTOBER 15, 2018
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

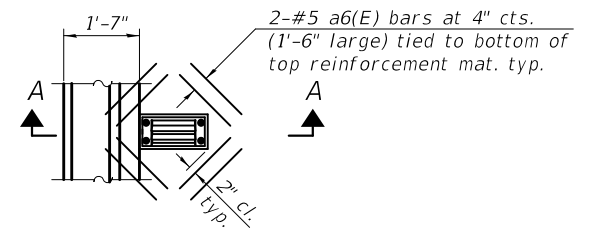
SUPERSTRUCTURE DETAILS (UNIT 1)
STRUCTURE NO. 014 - 0080
 SHEET 16 OF 96 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	80
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

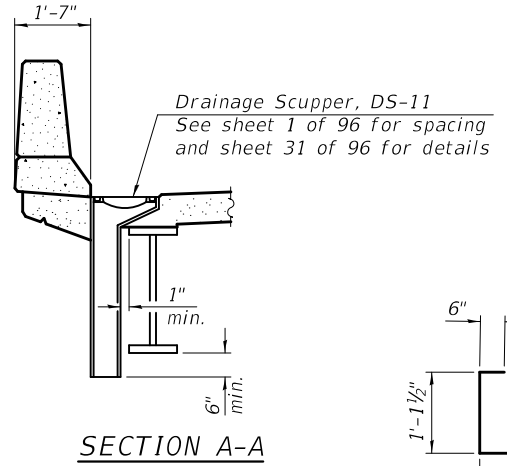
MODEL: 0140080-76887-017
 FILE NAME: pw:\084848\ID\INTEG\Illinois\Bureau of Bridges and Structures\Projects\0140080\CADD\Plans\0140080-76887.dgn



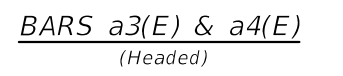
SECTION THRU PARAPET



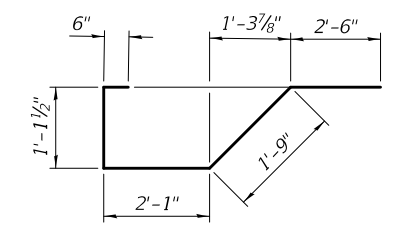
PLAN
 Cut longitudinal reinforcement to clear drainage scuppers.



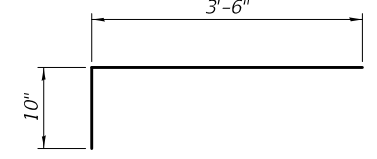
SECTION A-A



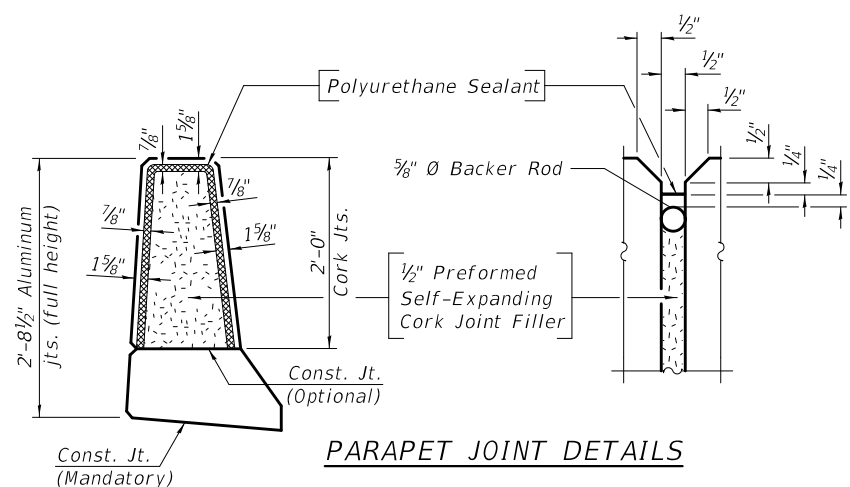
BARS a3(E) & a4(E)
 (Headed)



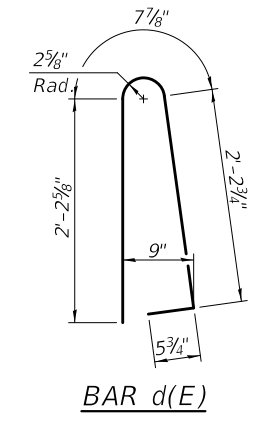
BAR x(E)



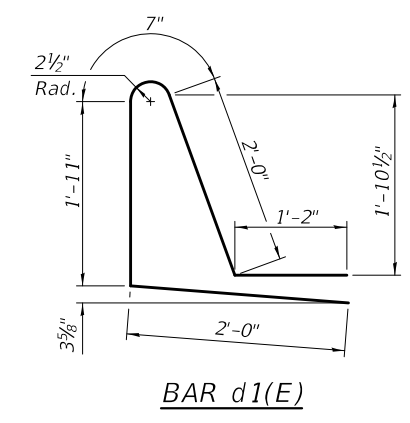
BAR x1(E)



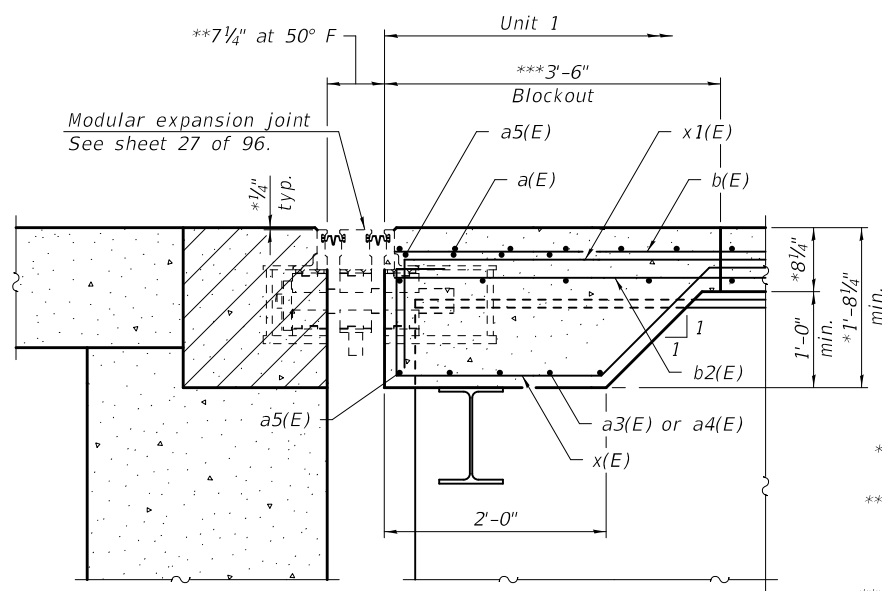
PARAPET JOINT DETAILS



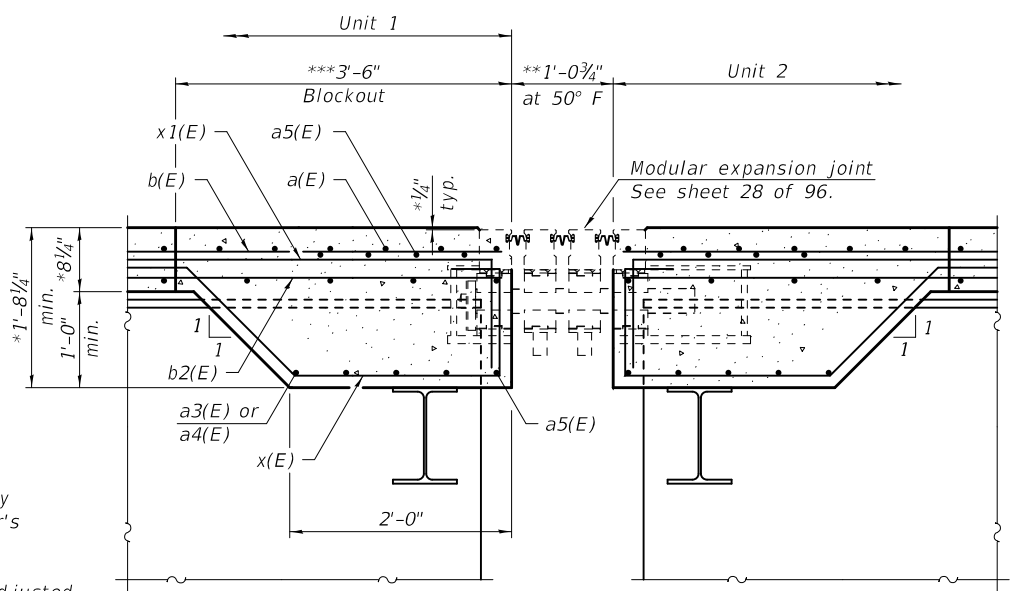
BAR d(E)



BAR d1(E)



SECTION B-B



SECTION C-C

* Prior to grinding.
 ** Actual dimensions may vary depending on manufacturer's design.
 *** Bars in blockout may be adjusted or cut in field if necessary to miss joint support boxes as approved by the Engineer. See Special Provisions.

Notes:
 The 1/8" Aluminum sheet shall be ASTM B 209 alloy 3003-H14 and coated to minimize reaction with wet concrete. Cost included with Concrete Superstructure.
 The Polyurethane Sealant shall be according to Article 1050.04 of the Std. Spec. and the color shall be gray.
 Headed bars shall conform to ASTM A970 with threaded attachment; Class HA; and reinforcement bars conforming to ASTM A706. Cost included with Reinforcement Bars, Epoxy Coated.

UNIT 1 SUPERSTRUCTURE
 BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	1,232	#5	42'-7"	—
a1(E)	822	#5	40'-10"	—
a2(E)	2,454	#6	6'-6"	—
a3(E)	40	#5	8'-0"	—
a4(E)	16	#5	3'-1"	—
a5(E)	10	#5	49'-0"	—
a6(E)	128	#5	1'-6"	—
b(E)	1,104	#5	29'-3"	—
b1(E)	129	#6	29'-0"	—
b2(E)	1,148	#5	25'-7"	—
b3(E)	129	#6	36'-0"	—
b4(E)	129	#6	35'-7"	—
d(E)	1,348	#5	5'-7"	—
d1(E)	1,348	#5	7'-8"	—
e(E)	84	#4	18'-3"	—
e1(E)	96	#4	19'-9"	—
e2(E)	98	#4	17'-6"	—
e3(E)	112	#4	18'-9"	—
e4(E)	84	#4	18'-0"	—
e5(E)	6	#8	41'-0"	—
e6(E)	12	#8	19'-9"	—
e7(E)	8	#8	35'-6"	—
e8(E)	10	#8	35'-2"	—
e9(E)	6	#8	40'-5"	—
e10(E)	8	#4	29'-6"	—
e11(E)	10	#4	26'-9"	—
e12(E)	12	#4	27'-4"	—
e13(E)	8	#4	29'-2"	—
x(E)	82	#5	8'-0"	—
x1(E)	88	#5	4'-4"	—
Reinforcement Bars, Epoxy Coated			Pound	228,490
Concrete Superstructure			Cu. Yds.	858.4

Bars indicated thus 39 x 3-#6 etc. indicates 39 line of bars with 3 lengths per line.

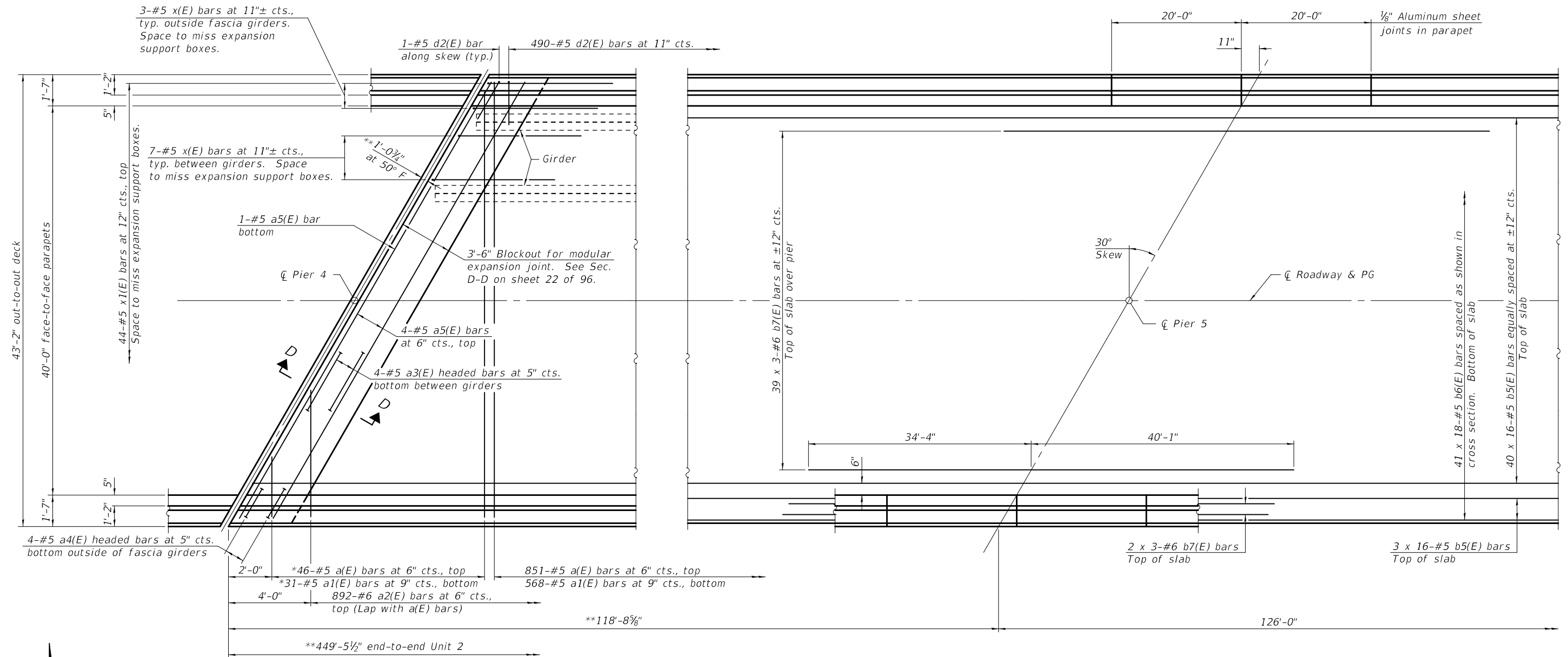
DESIGNED - ZACHARY T. BULVA	EXAMINED - <i>Joanne F. J. [Signature]</i>	DATE - OCTOBER 15, 2018
CHECKED - JOSUE D. ORTIZ-VARELA	PASSED - <i>Carl [Signature]</i>	REVISER -
DRAWN - MICHAEL B. MOSSMAN	ENGINEER OF BRIDGES AND STRUCTURES	REVISER -
CHECKED - J.O.V. / P.G. / G.R.A.		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS (UNIT 1)
 STRUCTURE NO. 014 - 0080

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	81
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

MODEL: 0140080-76887-018
 FILE NAME: p:\w\1084EBID\INTEG\Illinois\DOT\Documents\Projects\0140080\CADD\Plans\0140080-76887.dgn



PLAN

MINIMUM BAR LAP
 #5 bar = 3'-6"
 #6 bar = 3'-7"

- * Order a(E) & a1(E) bars full length. Cut to fit skew and use remainder of bars in opposite end.
- ** Dimension showing concrete opening. For joint opening see sheet 28 of 96.

DESIGNED - JOSUE D. ORTIZ-VARELA	EXAMINED - <i>Joanne F. [Signature]</i>	DATE - OCTOBER 15, 2018
CHECKED - ZACHARY T. BULVA	PASSED - <i>Carl [Signature]</i>	REVISIONS
DRAWN - MICHAEL B. MOSSMAN	ENGINEER OF BRIDGES AND STRUCTURES	REVISIONS
CHECKED - J.O.V. / P.G. / G.R.A.		

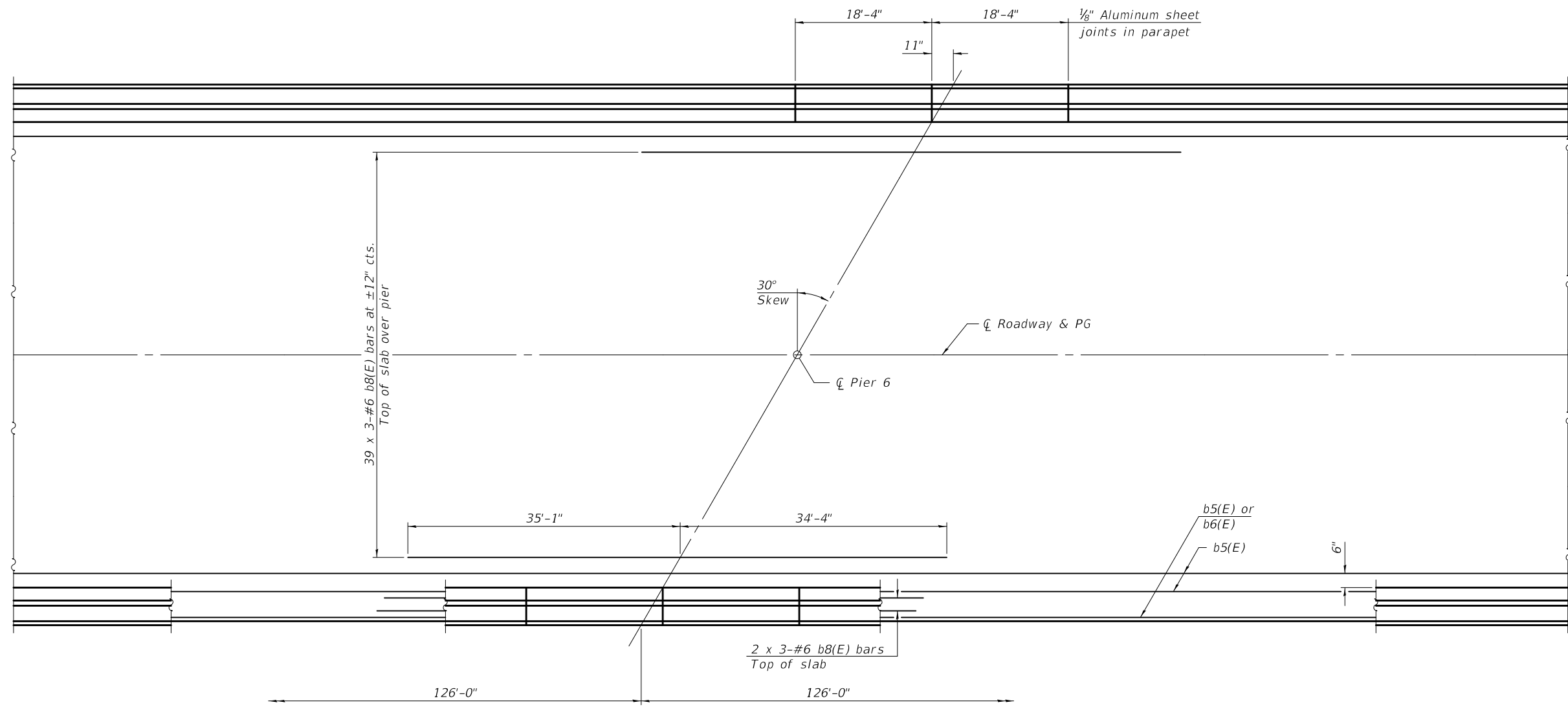
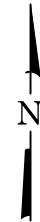
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUPERSTRUCTURE (UNIT 2)
 STRUCTURE NO. 014 - 0080**

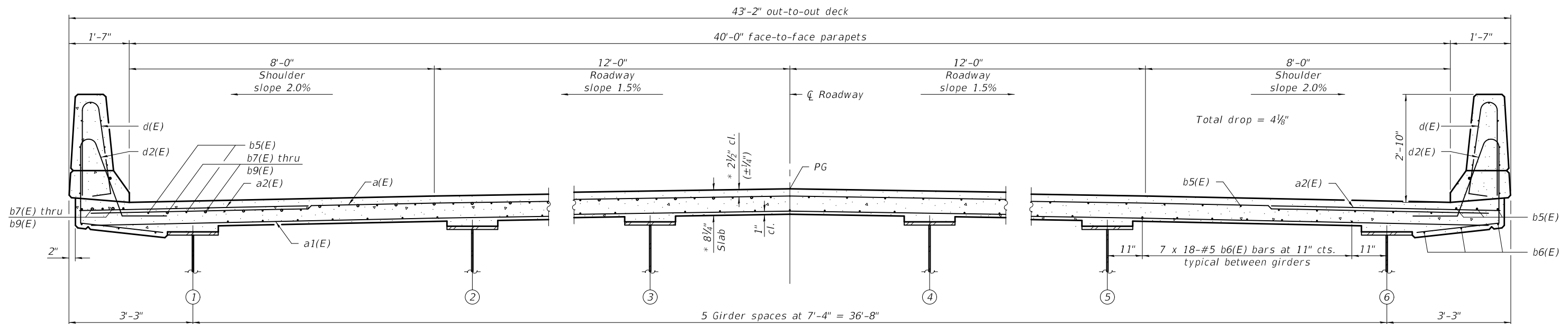
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	82
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

SHEET 18 OF 96 SHEETS

MODEL: 0140080-76887-019
 FILE NAME: p:\w\1084EBID\INTEG\ilmds.gov\PWIDOT\Documents\Bureau of Bridges and Structures\Projects\0140080\CADD Plans\0140080-76887.dgn



PLAN



CROSS SECTION
(Looking East)

* Prior to grinding. Up to 1/4" will be ground off the bridge slab and approach slabs.

DESIGNED - JOSUE D. ORTIZ-VARELA	EXAMINED - <i>Joanne F. J. [Signature]</i>	DATE - OCTOBER 15, 2018
CHECKED - ZACHARY T. BULVA	PASSED - <i>Carl [Signature]</i>	REVISOR -
DRAWN - MICHAEL B. MOSSMAN	ENGINEER OF BRIDGES AND STRUCTURES	REVISOR -
CHECKED - J.O.V. / P.G. / G.R.A.		

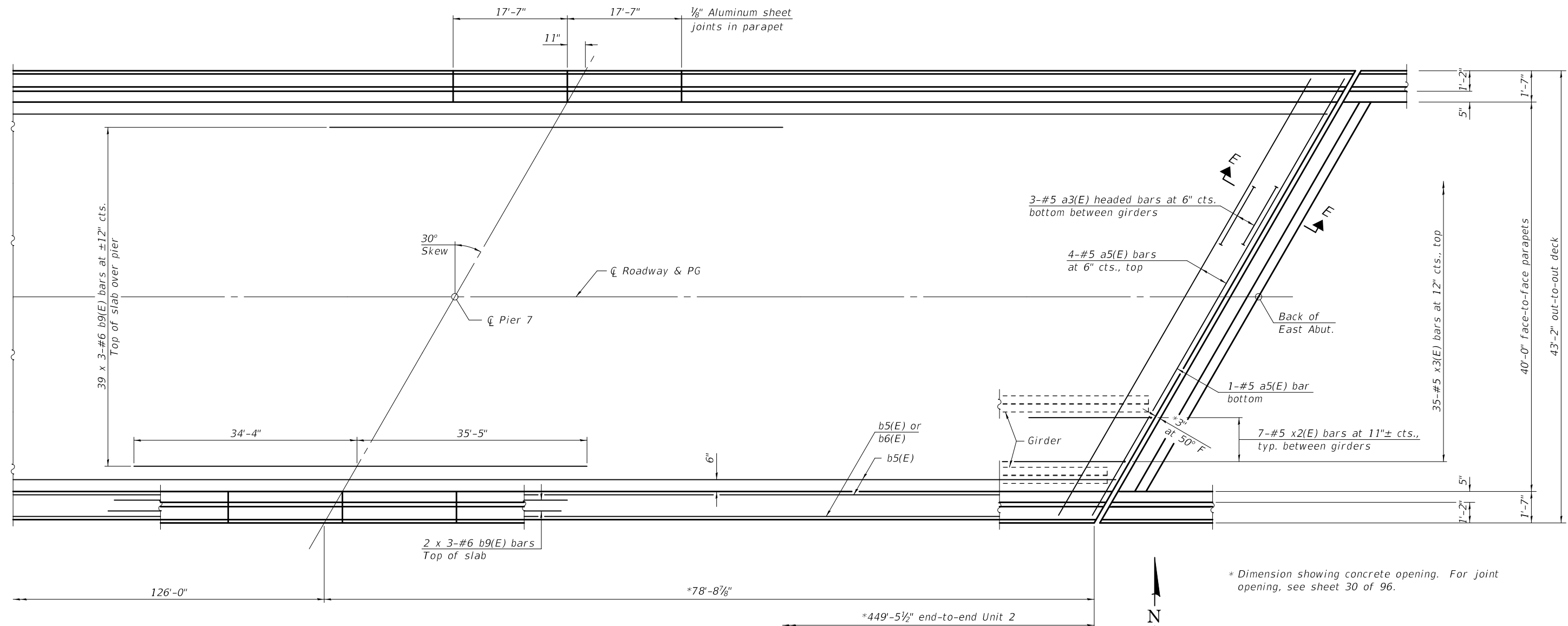
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE (UNIT 2)
STRUCTURE NO. 014 - 0080

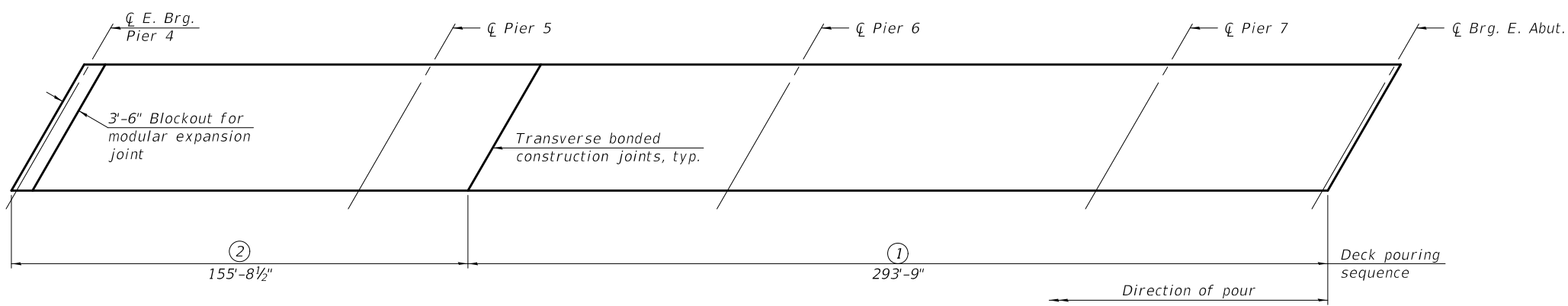
F.A.P. RTE. 805	SECTION 7BR, 7BR-1	COUNTY CLINTON	TOTAL SHEETS 259	SHEET NO. 83
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

SHEET 19 OF 96 SHEETS

MODEL: 0140080-76887-020
 FILE NAME: p:\w\1084EBID\INTEG\Illinois\DOT\Documents\Bureau of Bridges and Structures\Projects\0140080\CADD_Plans\0140080-76887.dgn



PLAN



DECK POURING SEQUENCE

* Dimension showing concrete opening. For joint opening, see sheet 30 of 96.

Note:

The bridge deck shall be poured in numeric order per the pouring sequence shown. If the Contractor wishes to alter the deck pour sequence from the sequence shown, the Contractor shall submit a proposed deck pour sequence to the Engineer for review and acceptance.

When the deck pour is stopped for the day at one or more of the transverse bonded construction joints in the deck pouring sequence as shown, the next pour shall not be made until both of the following are met:

1. At least 72 hours shall have elapsed from the end of the previous pour.
2. The concrete strength shall have attained a minimum flexural strength of 650 psi or a minimum compressive strength of 3500 psi.

Blockout areas for modular expansion joints shall not be poured until the above noted time and strength requirements have been met for the adjoining pour.

See sheet 22 of 96 for superstructure details and Bill of Material. Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.

For Sections D-D and E-E, see sheet 22 of 96.

DESIGNED -	JOSUE D. ORTIZ-VARELA
CHECKED -	ZACHARY T. BULVA
DRAWN -	MICHAEL B. MOSSMAN
CHECKED -	J.O.V. / P.G. / G.R.A.

EXAMINED	<i>Jaime F. Joffe</i>
PASSED	<i>Carl Kroyer</i>
ENGINEER OF BRIDGES AND STRUCTURES	

DATE -	OCTOBER 15, 2018
REVISED -	---
REVISED -	---

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

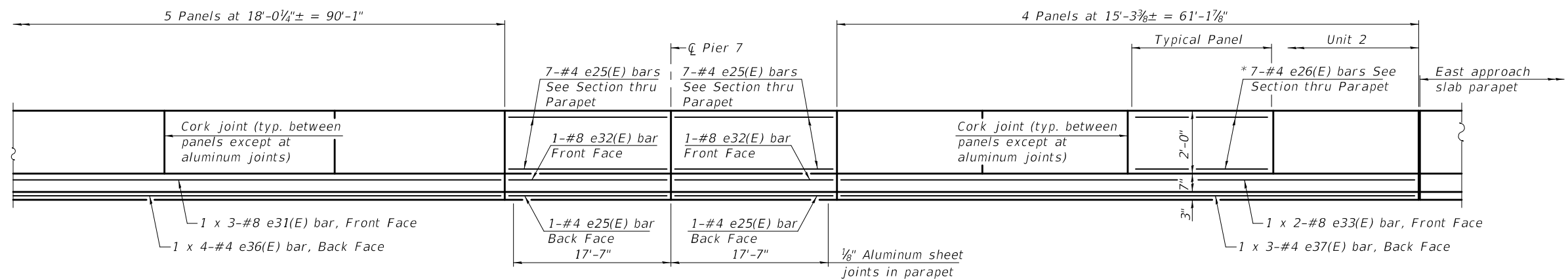
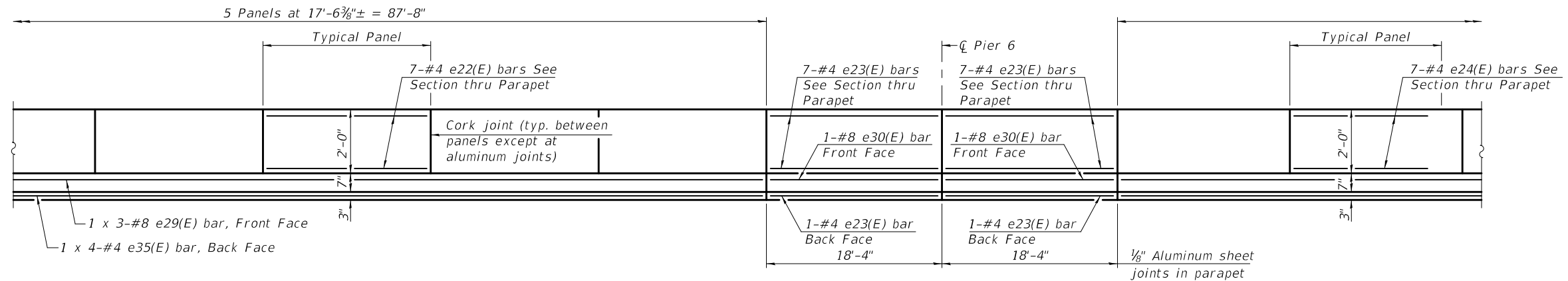
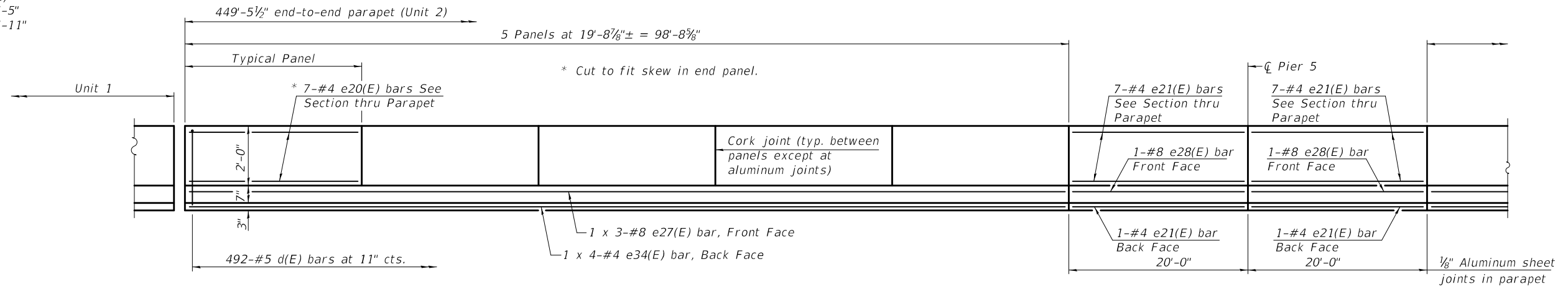
SUPERSTRUCTURE (UNIT 2)
 STRUCTURE NO. 014 - 0080

SHEET 20 OF 96 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	84
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

MINIMUM BAR LAP

(Parapet)
 #4 bar = 2'-5"
 #8 bar = 5'-11"



INSIDE ELEVATION OF PARAPET
 (North parapet shown, South parapet mirror image)

MODEL: 0140080-76887-021
 FILE NAME: pw:\VIL084EBID\INTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\Bureau of Bridges and Structures\Projects\0140080\CADD Plans\0140080-76887.dgn

DESIGNED -	JOSUE D. ORTIZ-VARELA
CHECKED -	ZACHARY T. BULVA
DRAWN -	MICHAEL B. MOSSMAN
CHECKED -	J.O.V. / P.G. / G.R.A.

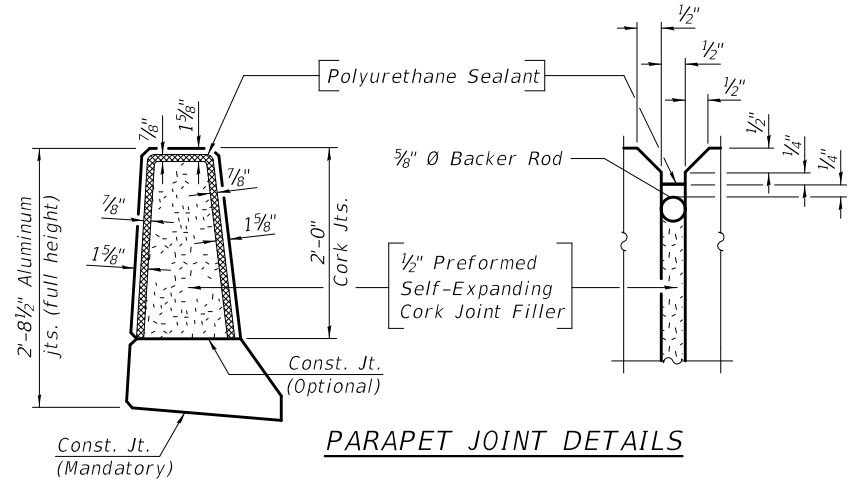
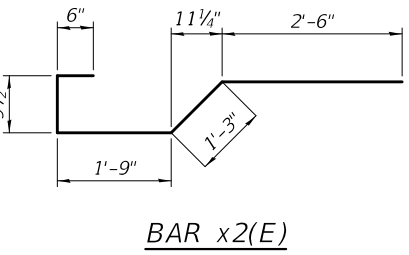
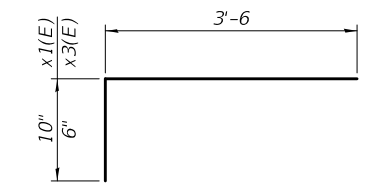
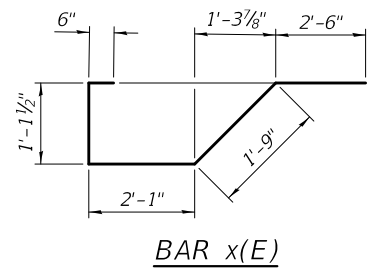
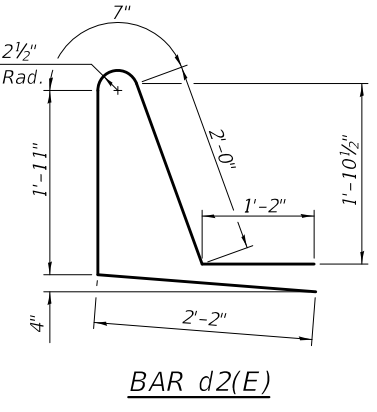
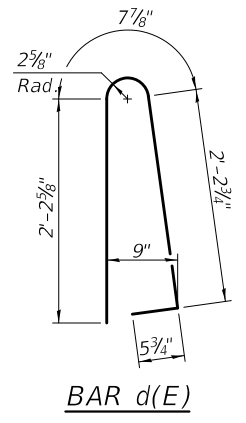
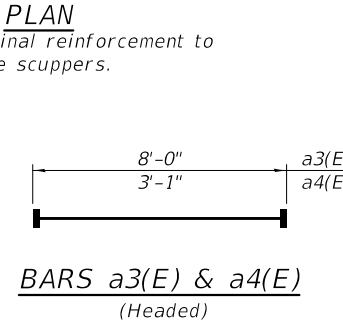
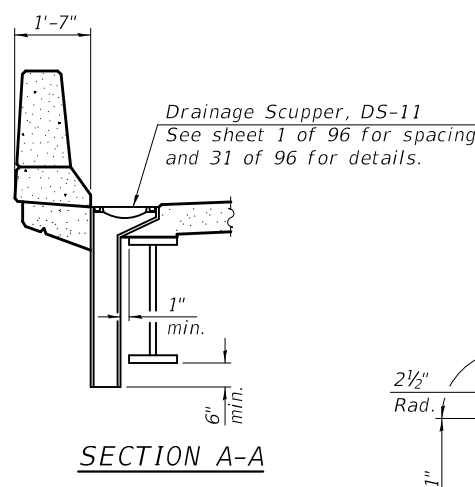
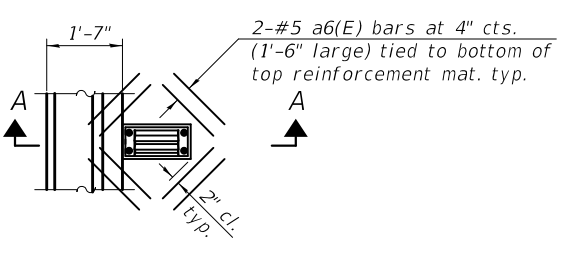
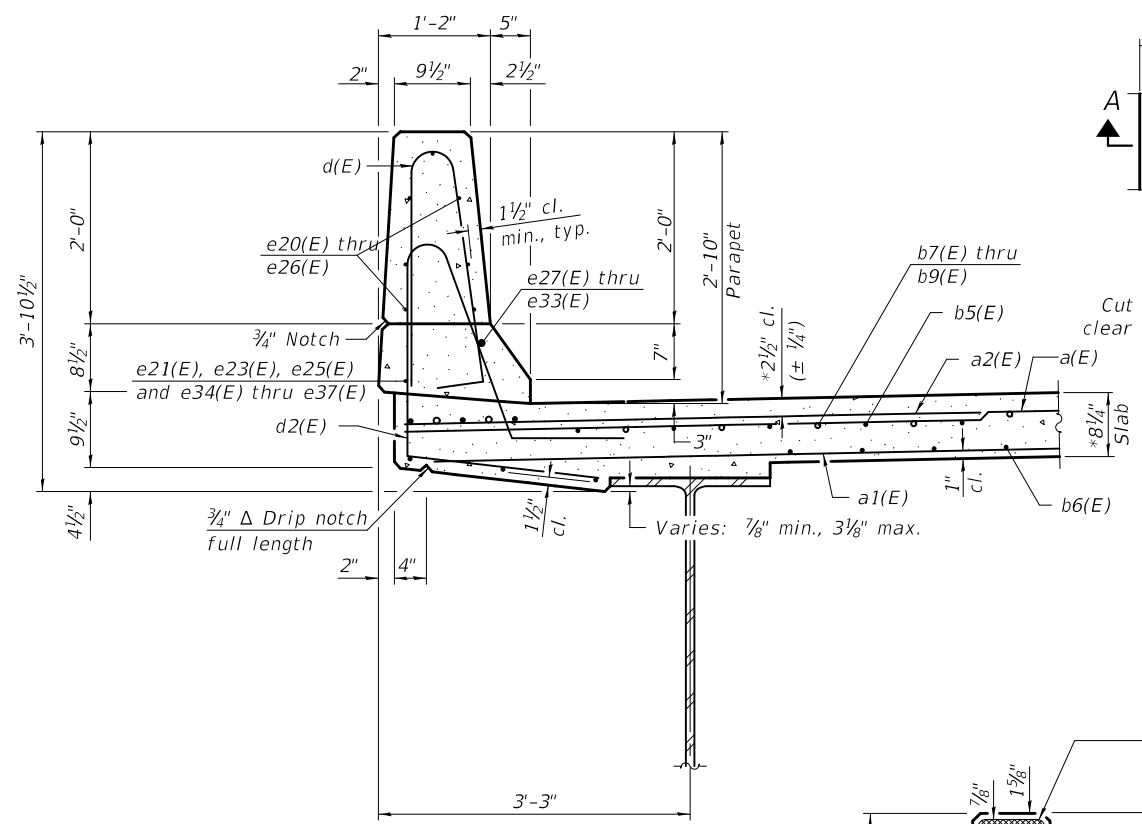
EXAMINED	<i>Joanne F. J. [Signature]</i>	DATE -	OCTOBER 15, 2018
PASSED	<i>Carl [Signature]</i>	REVISED -	
	ENGINEER OF BRIDGES AND STRUCTURES	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS (UNIT 2)
STRUCTURE NO. 014 - 0080

SHEET 21 OF 96 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	85
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				



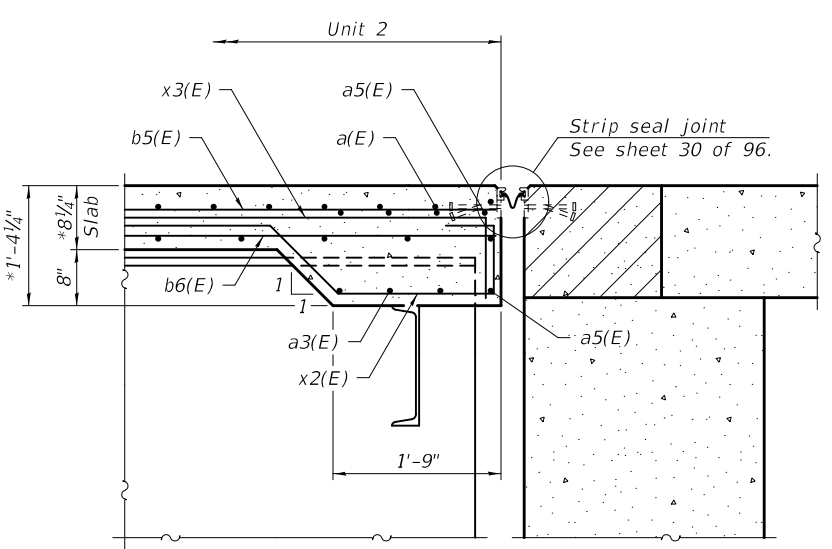
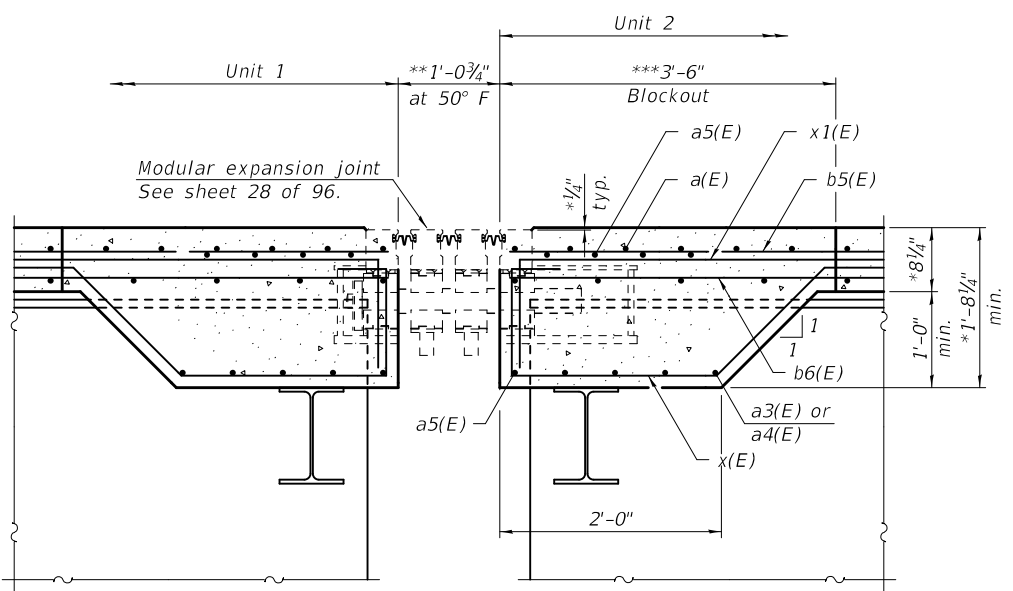
* Prior to grinding.
 ** Actual dimensions may vary depending on manufacturer's design.
 *** Bars in blockout may be adjusted or cut in field if necessary to miss joint support boxes as approved by the Engineer. See Special Provisions.

Notes:
 The 1/8" Aluminum sheet shall be ASTM B 209 alloy 3003-H14 and coated to minimize reaction with wet concrete. Cost included with Concrete Superstructure.
 The Polyurethane Sealant shall be according to Article 1050.04 of the Std. Spec. and the color shall be gray.
 Headed bars shall conform to ASTM A970 with threaded attachment; Class HA; and reinforcement bars conforming to ASTM A706. Cost included with Reinforcement Bars, Epoxy Coated.

**UNIT 2 SUPERSTRUCTURE
 BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a(E)	897	#5	42'-7"	—
a1(E)	599	#5	40'-10"	—
a2(E)	1,784	#6	6'-6"	—
a3(E)	35	#5	8'-0"	—
a4(E)	8	#5	3'-1"	—
a5(E)	10	#5	49'-0"	—
a6(E)	192	#5	1'-6"	—
b5(E)	736	#5	31'-5"	—
b6(E)	738	#5	28'-4"	—
b7(E)	129	#6	27'-3"	—
b8(E)	129	#6	25'-7"	—
b9(E)	129	#6	25'-8"	—
d(E)	984	#5	5'-7"	—
d2(E)	984	#5	7'-10"	—
e20(E)	70	#4	19'-5"	—
e21(E)	32	#4	19'-9"	—
e22(E)	70	#4	17'-3"	—
e23(E)	32	#4	18'-1"	—
e24(E)	70	#4	17'-9"	—
e25(E)	32	#4	17'-4"	—
e26(E)	56	#4	15'-0"	—
e27(E)	6	#8	36'-10"	—
e28(E)	4	#8	19'-9"	—
e29(E)	6	#8	33'-2"	—
e30(E)	4	#8	18'-1"	—
e31(E)	6	#8	33'-11"	—
e32(E)	4	#8	17'-4"	—
e33(E)	4	#8	33'-5"	—
e34(E)	8	#4	26'-5"	—
e35(E)	8	#4	23'-8"	—
e36(E)	8	#4	24'-3"	—
e37(E)	6	#4	21'-11"	—
x(E)	41	#5	8'-0"	—
x1(E)	44	#5	4'-4"	—
x2(E)	35	#5	6'-10"	—
x3(E)	35	#5	4'-0"	—
Reinforcement Bars, Epoxy Coated	Pound		167,120	
Concrete Superstructure	Cu. Yds.		626.4	

Bars indicated thus 39 x 3-#6 etc. indicates 39 line of bars with 3 lengths per line.



SECTION D-D

SECTION E-E

MODEL: 0140080-76887-022
 FILE NAME: pw:\VIL084EBID\INTEG.jil\mids.gov\PWIDOT\Documents\DOT Offices\Bureau of Bridges and Structures\Projects\0140080\CADD Plans\0140080-76887.dgn
 10/15/2018 8:58:15 AM

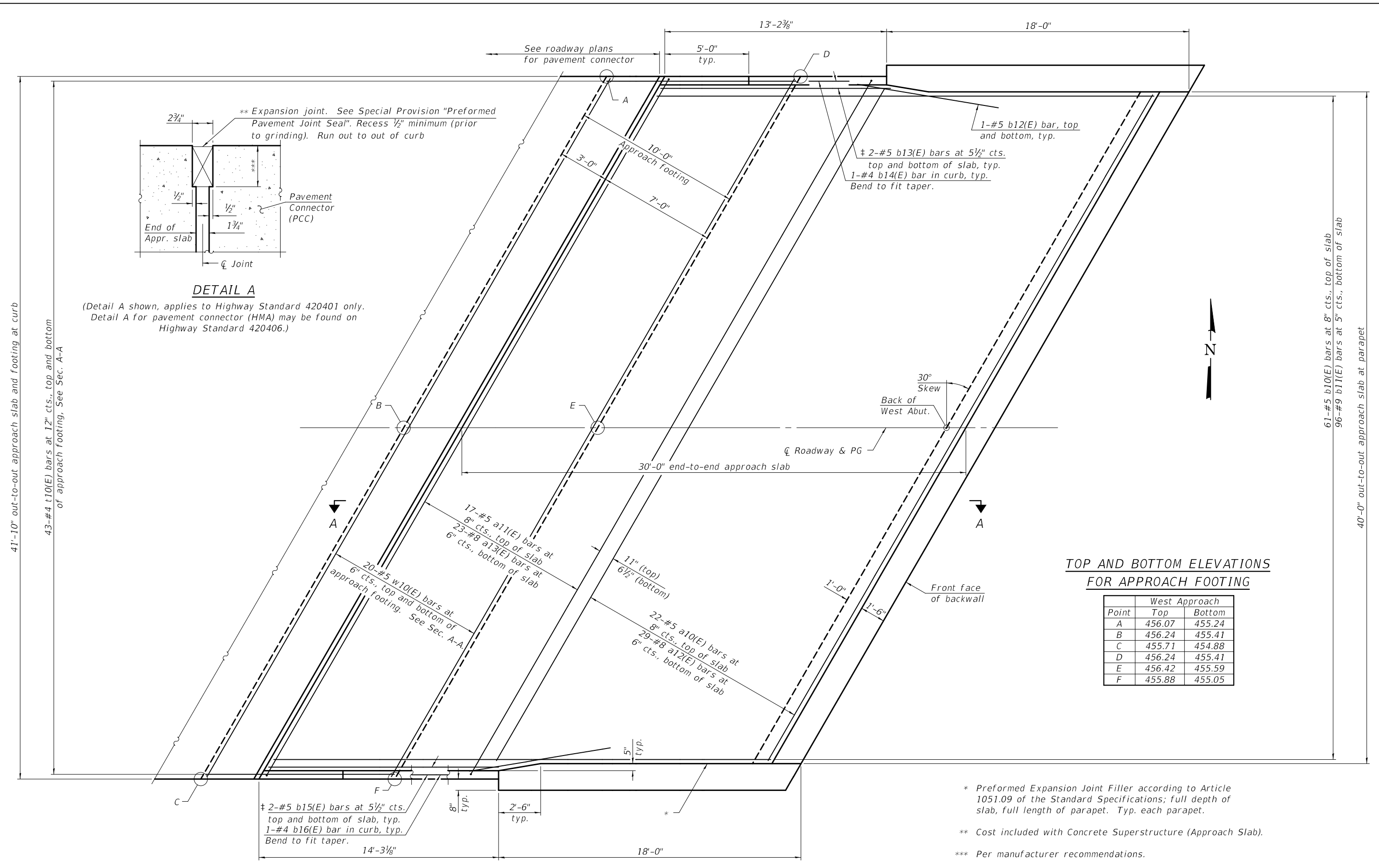
DESIGNED - JOSUE D. ORTIZ-VARELA	EXAMINED - <i>Joanne F. [Signature]</i>	DATE - OCTOBER 15, 2018
CHECKED - ZACHARY T. BULVA	PASSED - <i>Carl [Signature]</i>	REVISOR -
DRAWN - MICHAEL B. MOSSMAN	ENGINEER OF BRIDGES AND STRUCTURES	REVISOR -
CHECKED - J.O.V. / P.G. / G.R.A.		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS (UNIT 2)
 STRUCTURE NO. 014 - 0080

SHEET 22 OF 96 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	86
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				



DETAIL A
 (** Expansion joint. See Special Provision "Preformed Pavement Joint Seal". Recess 1/2" minimum (prior to grinding). Run out to out of curb)

(Detail A shown, applies to Highway Standard 420401 only. Detail A for pavement connector (HMA) may be found on Highway Standard 420406.)

TOP AND BOTTOM ELEVATIONS FOR APPROACH FOOTING

Point	West Approach	
	Top	Bottom
A	456.07	455.24
B	456.24	455.41
C	455.71	454.88
D	456.24	455.41
E	456.42	455.59
F	455.88	455.05

* Preformed Expansion Joint Filler according to Article 1051.09 of the Standard Specifications; full depth of slab, full length of parapet. Typ. each parapet.

** Cost included with Concrete Superstructure (Approach Slab).

*** Per manufacturer recommendations.

† Cut bars to fit as required.

(Sheet 1 of 2)

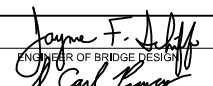
PLAN

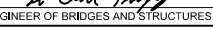
MODEL: 0140080-76887-023
 FILE NAME: pw:\VIL084EBID\INTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\Bureau of Bridges and Structures\Projects\0140080\CADD Plans\0140080-76887.dgn

DESIGNED -	ZACHARY T. BULVA
CHECKED -	JOSUE D. ORTIZ-VARELA
DRAWN -	MICHAEL B. MOSSMAN
CHECKED -	J.O.V./P.G./G.R.A.

EXAMINED

PASSED


 ENGINEER OF BRIDGE DESIGN


 ENGINEER OF BRIDGES AND STRUCTURES

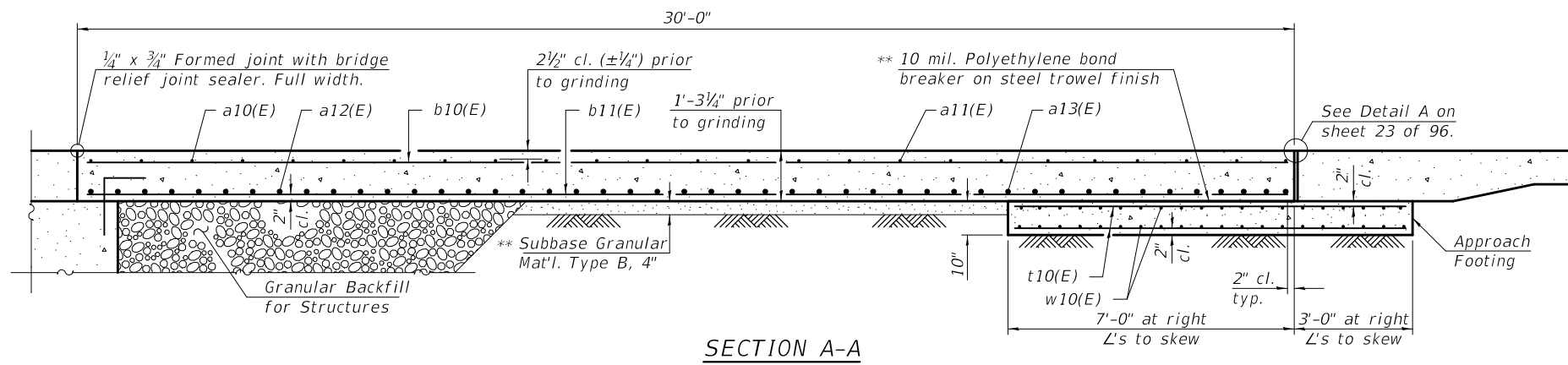
DATE -	OCTOBER 15, 2018
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS (UNIT 1)
STRUCTURE NO. 014 - 0080

SHEET 23 OF 96 SHEETS

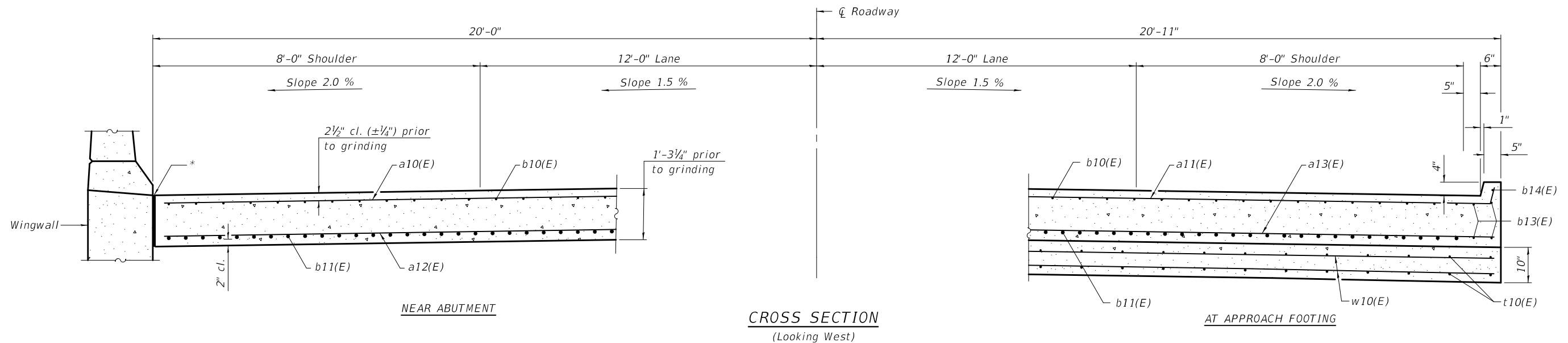
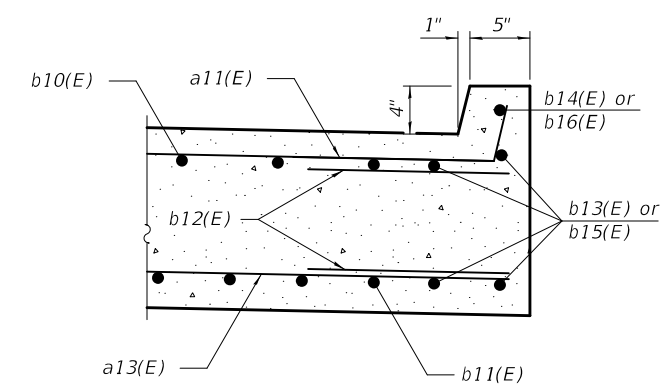
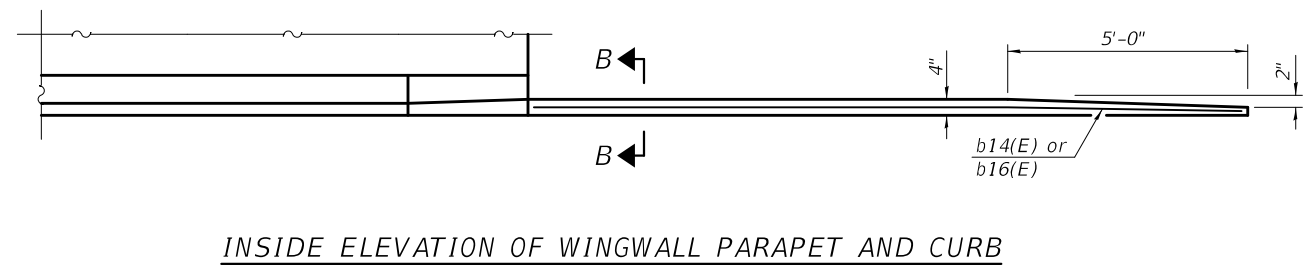
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	87
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				



Notes:
 Approach slab shall be paid for as Concrete Superstructure (Approach Slab).
 Approach footing concrete shall be paid for as Concrete Structures.
 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 96.
 Parapet concrete shall be paid for as Concrete Superstructure.

**WEST APPROACH
 BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a10(E)	22	#5	45'-9"	—
a11(E)	17	#5	48'-7"	—
a12(E)	29	#8	45'-9"	—
a13(E)	23	#8	47'-10"	—
b10(E)	61	#5	29'-7"	—
b11(E)	96	#9	29'-7"	—
b12(E)	4	#5	8'-6"	—
b13(E)	4	#5	13'-4"	—
b14(E)	1	#4	13'-0"	—
b15(E)	4	#5	13'-9"	—
b16(E)	1	#4	13'-9"	—
t10(E)	86	#4	11'-1"	—
w10(E)	40	#5	47'-10"	—
Concrete Superstructure		Cu. Yd.	4.0	
Concrete Superstructure (Approach Slab)		Cu. Yd.	57.9	
Concrete Structures		Cu. Yd.	15	
Reinforcement Bars, Epoxy Coated		Pound	22,730	



(Sheet 2 of 2)

MODEL: 0140080-76887-024
 FILE NAME: p:\w\1084EBID\INTEG\Illinois.gov\PWIDOT\Documents\Bureau of Bridges and Structures\Projects\0140080\CADD Plans\0140080-76887.dgn

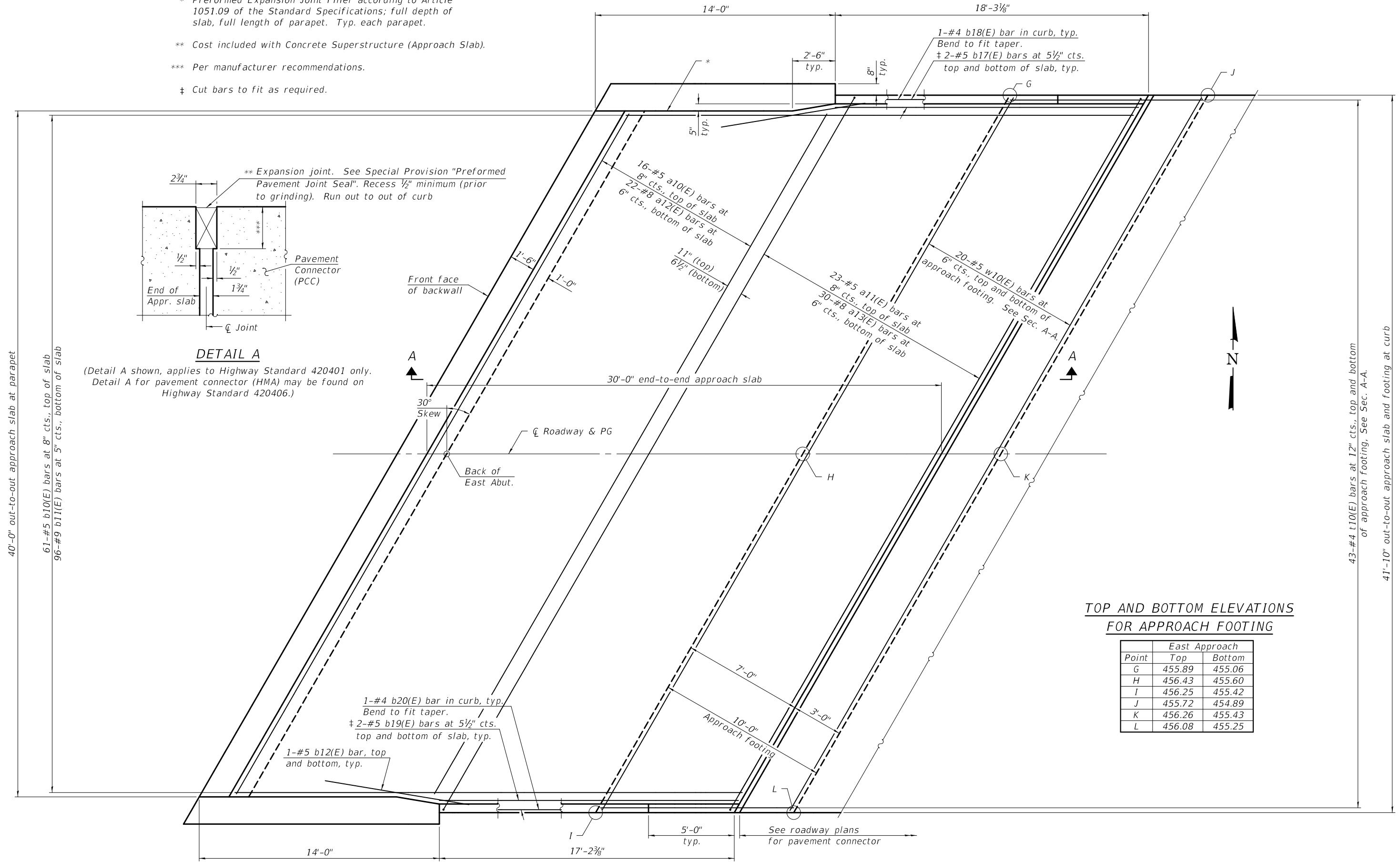
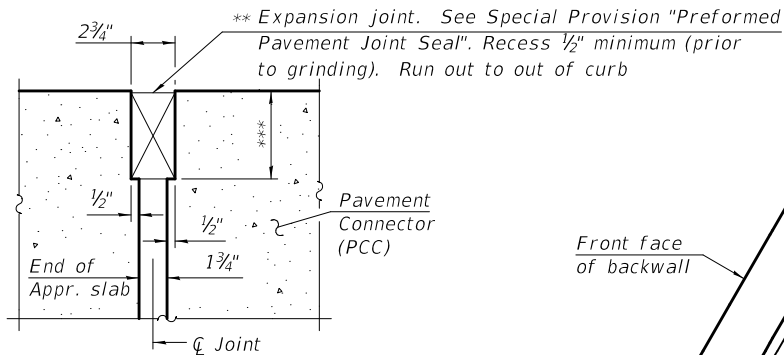
DESIGNED - ZACHARY T. BULVA	EXAMINED - <i>Joanne F. Joffe</i>	DATE - OCTOBER 15, 2018
CHECKED - JOSUE D. ORTIZ-VARELA	PASSED - <i>Carl Kasper</i>	REVISOR -
DRAWN - MICHAEL B. MOSSMAN	ENGINEER OF BRIDGE DESIGN	REVISOR -
CHECKED - J.O.V. / P.G. / G.R.A.	ENGINEER OF BRIDGES AND STRUCTURES	REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BRIDGE APPROACH SLAB DETAILS (UNIT 1)
 STRUCTURE NO. 014 - 0080**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	88
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

- * Preformed Expansion Joint Filler according to Article 1051.09 of the Standard Specifications; full depth of slab, full length of parapet. Typ. each parapet.
- ** Cost included with Concrete Superstructure (Approach Slab).
- *** Per manufacturer recommendations.
- ‡ Cut bars to fit as required.



TOP AND BOTTOM ELEVATIONS FOR APPROACH FOOTING

Point	East Approach	
	Top	Bottom
G	455.89	455.06
H	456.43	455.60
I	456.25	455.42
J	455.72	454.89
K	456.26	455.43
L	456.08	455.25

MODEL: 0140080-76887-025
 FILE NAME: pw:\VIL084EBID\INTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\Bureau of Bridges and Structures\Projects\0140080\CADD Plans\0140080-76887.dgn

PLAN

(Sheet 1 of 2)

DESIGNED -	JOSUE D. ORTIZ-VARELA
CHECKED -	ZACHARY T. BULVA
DRAWN -	MICHAEL B. MOSSMAN
CHECKED -	J.O.V. / P.G. / G.R.A.

EXAMINED
 PASSED

 ENGINEER OF BRIDGES AND STRUCTURES

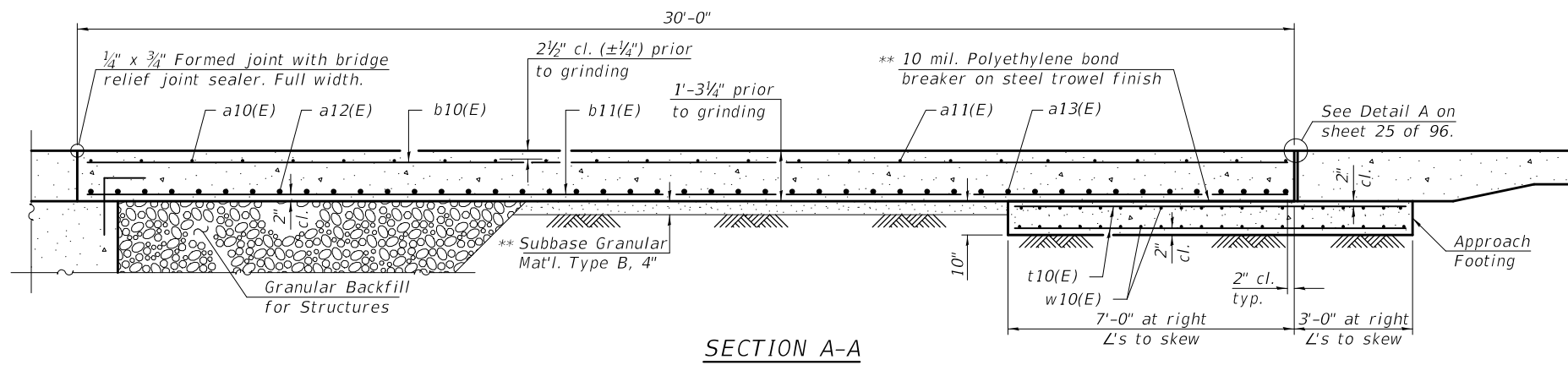
DATE -	OCTOBER 15, 2018
REVISED -	
REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BRIDGE APPROACH SLAB DETAILS (UNIT 2)
 STRUCTURE NO. 014 - 0080**

SHEET 25 OF 96 SHEETS

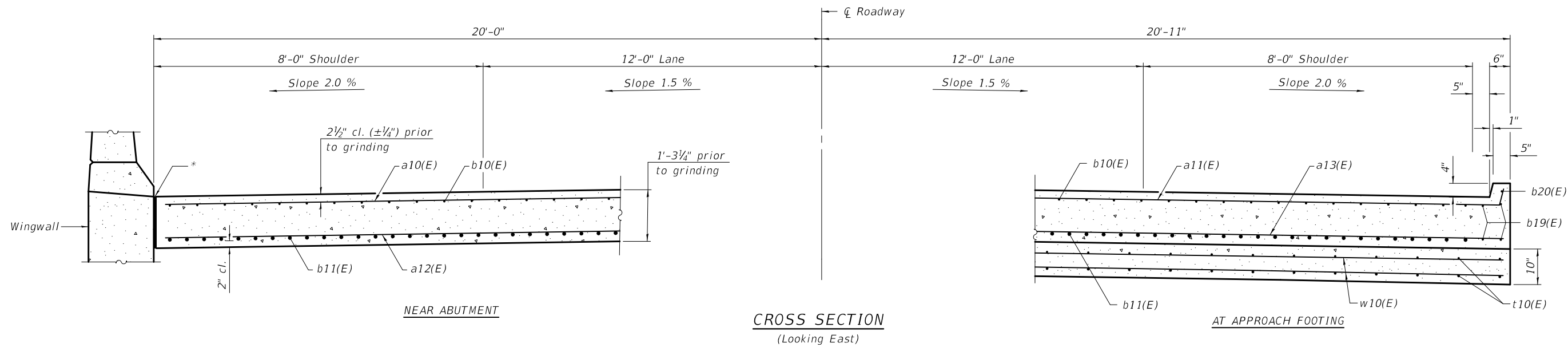
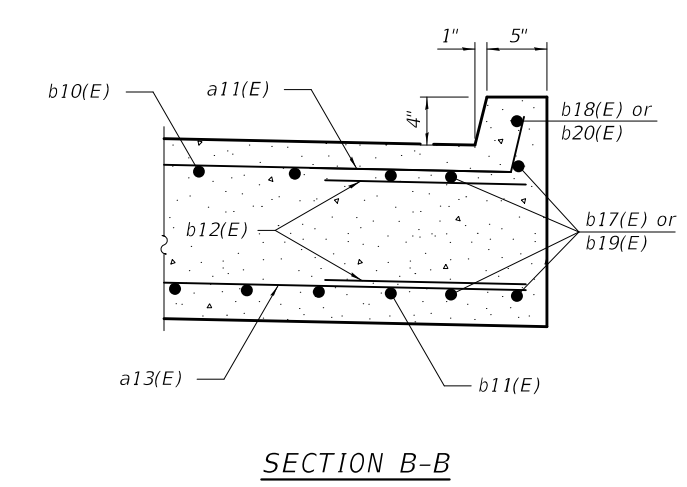
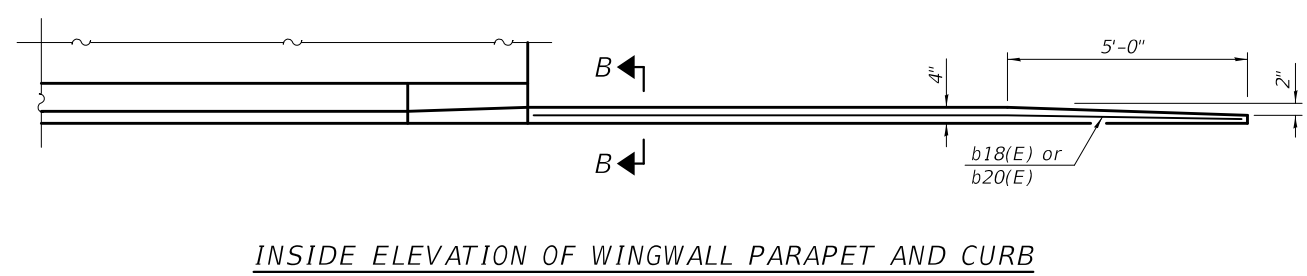
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	88
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				



Notes:
 Approach slab shall be paid for as Concrete Superstructure (Approach Slab).
 Approach footing concrete shall be paid for as Concrete Structures.
 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 96.
 Parapet concrete shall be paid for as Concrete Superstructure.

**EAST APPROACH
 BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a10(E)	16	#5	45'-9"	—
a11(E)	23	#5	48'-7"	—
a12(E)	22	#8	45'-9"	—
a13(E)	30	#8	47'-10"	—
b10(E)	61	#5	29'-7"	—
b11(E)	96	#9	29'-7"	—
b12(E)	4	#5	8'-6"	—
b17(E)	4	#5	17'-7"	—
b18(E)	1	#4	17'-9"	—
b19(E)	4	#5	17'-4"	—
b20(E)	1	#4	17'-0"	—
t10(E)	86	#4	11'-1"	—
w10(E)	40	#5	47'-10"	—
Concrete Superstructure		Cu. Yd.	3.2	
Concrete Superstructure (Approach Slab)		Cu. Yd.	58.3	
Concrete Structures		Cu. Yd.	15	
Reinforcement Bars, Epoxy Coated		Pound	22,820	



(Sheet 2 of 2)

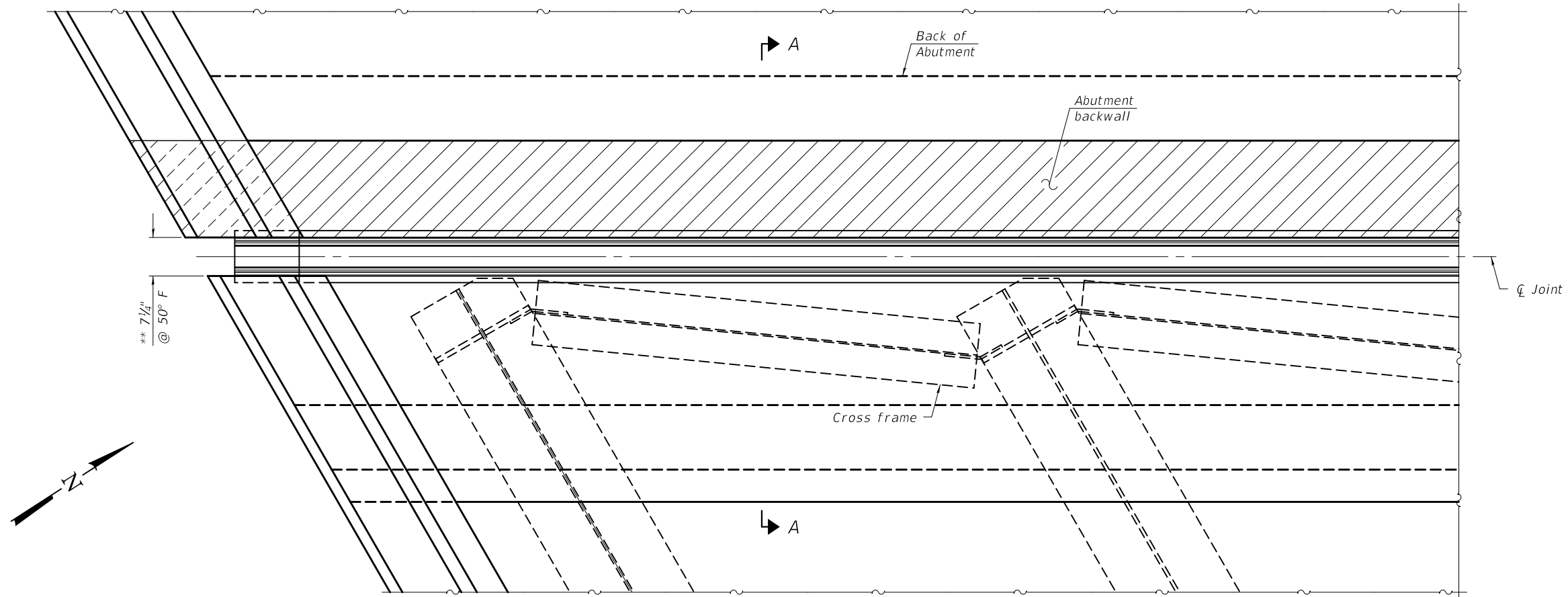
MODEL: 0140080-76887-026
 FILE NAME: p:\w\1084EBID\INTEG\Illinois.gov\PWIDOT\Documents\Bureau of Bridges and Structures\Projects\0140080\CADD Plans\0140080-76887.dgn

DESIGNED - JOSUE D. ORTIZ-VARELA	EXAMINED - <i>Joanne F. J. [Signature]</i>	DATE - OCTOBER 15, 2018
CHECKED - ZACHARY T. BULVA	PASSED - <i>Carl [Signature]</i>	REVISIONS -
DRAWN - MICHAEL B. MOSSMAN	ENGINEER OF BRIDGES AND STRUCTURES	
CHECKED - J.O.V. / P.G. / G.R.A.		

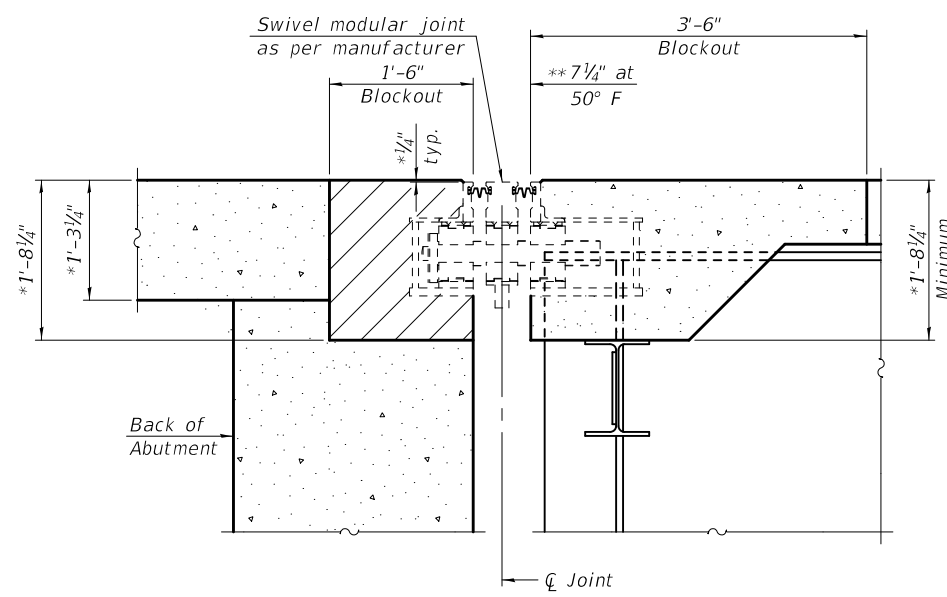
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BRIDGE APPROACH SLAB DETAILS (UNIT 2)
 STRUCTURE NO. 014 - 0080**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	90
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				



PARTIAL PLAN



SECTION A-A

* Prior to grinding.

** Actual dimension may vary depending on manufacturer's design.

Notes:

Expansion support boxes of modular joint shall be rigidly attached to the top member of each end cross frame by adjustable brackets, stools, or shims.

Modular expansion joints shall be assembled in their final relative position with the ends in place for shop inspection and acceptance.

Modular joint assemblies shall be installed according to the manufacturer's recommendations with forming and reinforcement bars in place prior to pouring the adjoining concrete deck span.

The modular expansion joints shall provide the following movement:

Total Longitudinal Movement (inches)	Size (inches)
3 3/8"	6

BILL OF MATERIAL

Item	Unit	Total
Modular Expansion Joint-Swivel 6"	Foot	47

MODEL: 0140080-76887-027
 FILE NAME: p:\w\1084EBID\INTEG\ilmds.gov\PW\DOT\Documents\Projects\0140080\CADD Plans\0140080-76887.dgn

DESIGNED - ZACHARY T. BULVA
 CHECKED - JOSUE D. ORTIZ-VARELA
 DRAWN - MICHAEL B. MOSSMAN
 CHECKED - J.O.V. / P.G. / G.R.A.

EXAMINED
 PASSED
 ENGINEER OF BRIDGE DESIGN
 ENGINEER OF BRIDGES AND STRUCTURES

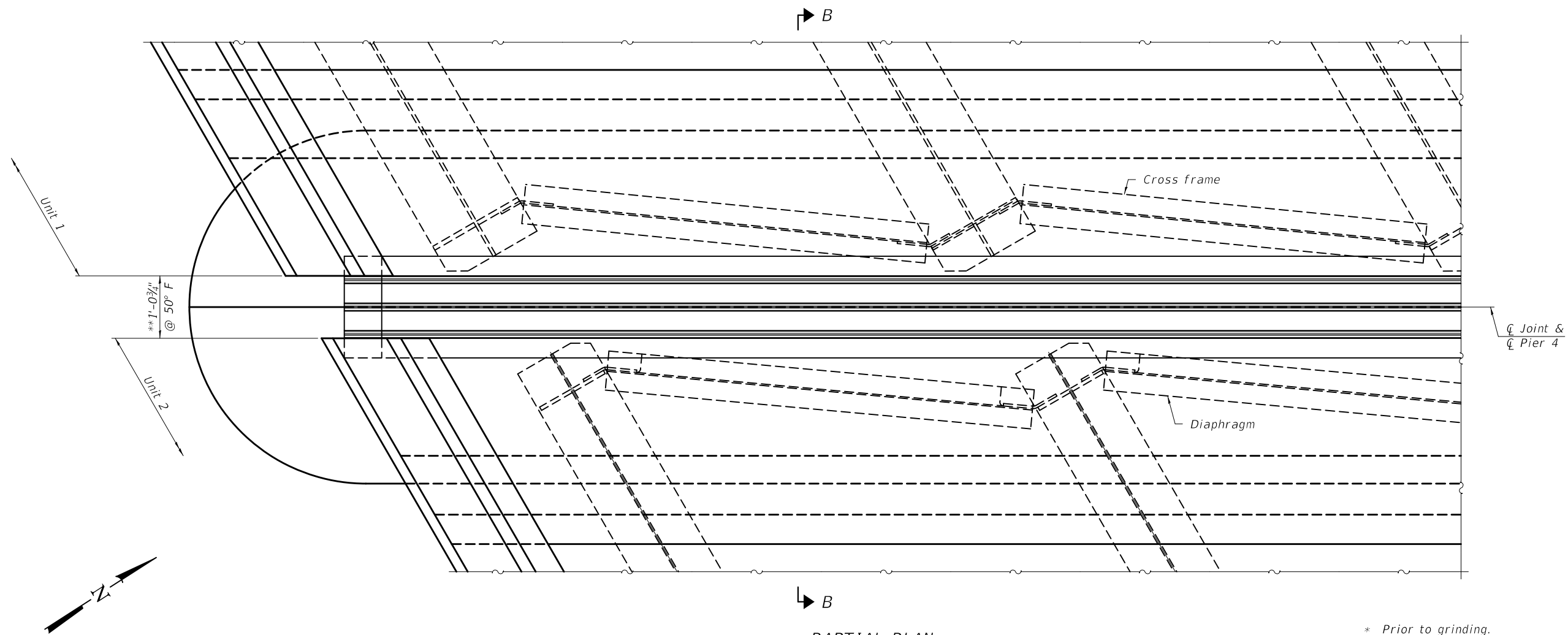
DATE - OCTOBER 15, 2018
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SWIVEL MODULAR JOINT AT WEST ABUTMENT (UNIT 1)
 STRUCTURE NO. 014 - 0080

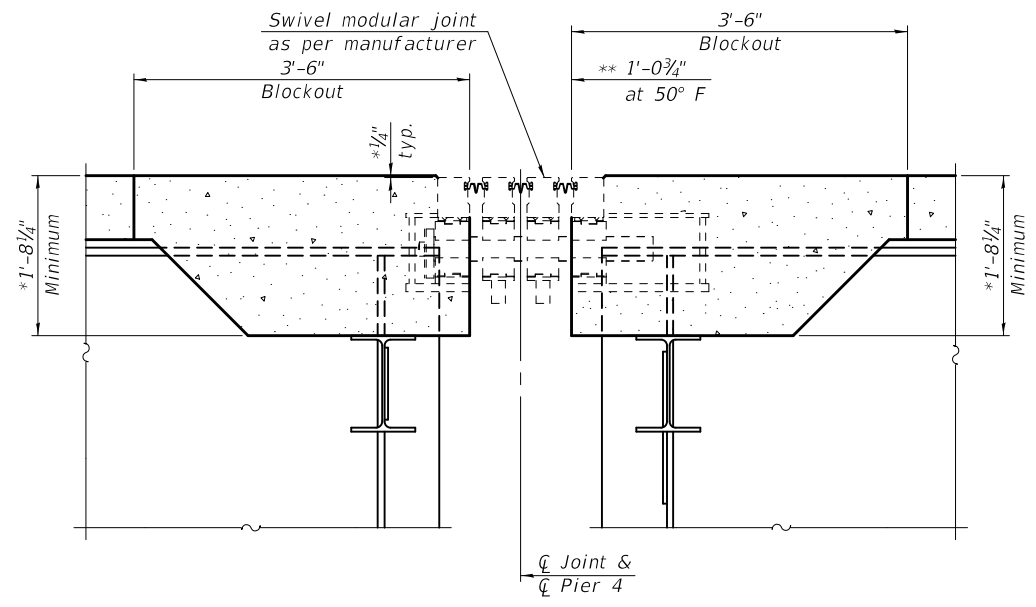
SHEET 27 OF 96 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	91
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				



PARTIAL PLAN

* Prior to grinding.
 ** Actual dimension may vary depending on manufacturer's design.



SECTION B-B

Notes:
 Expansion support boxes of modular joint shall be rigidly attached to the top member of each end cross frame or diaphragm by adjustable brackets, stools, or shims.
 Modular expansion joints shall be assembled in their final relative position with the ends in place for shop inspection and acceptance.
 Modular joint assemblies shall be installed according to the manufacturer's recommendations with forming and reinforcement bars in place prior to pouring the adjoining concrete deck span.
 The modular expansion joints shall provide the following movement:

Total Longitudinal Movement (inches)	Size (inches)
5 1/2"	6

BILL OF MATERIAL

Item	Unit	Total
Modular Expansion Joint-Swivel 6"	Foot	47

MODEL: 0140080-76887-028
 FILE NAME: p:\w\084EBID\INTEG\Illinois.gov\PWIDOT\Documents\Bureau of Bridges and Structures\Projects\0140080\CADD Plans\0140080-76887.dgn
 10/15/2018 8:58:17 AM

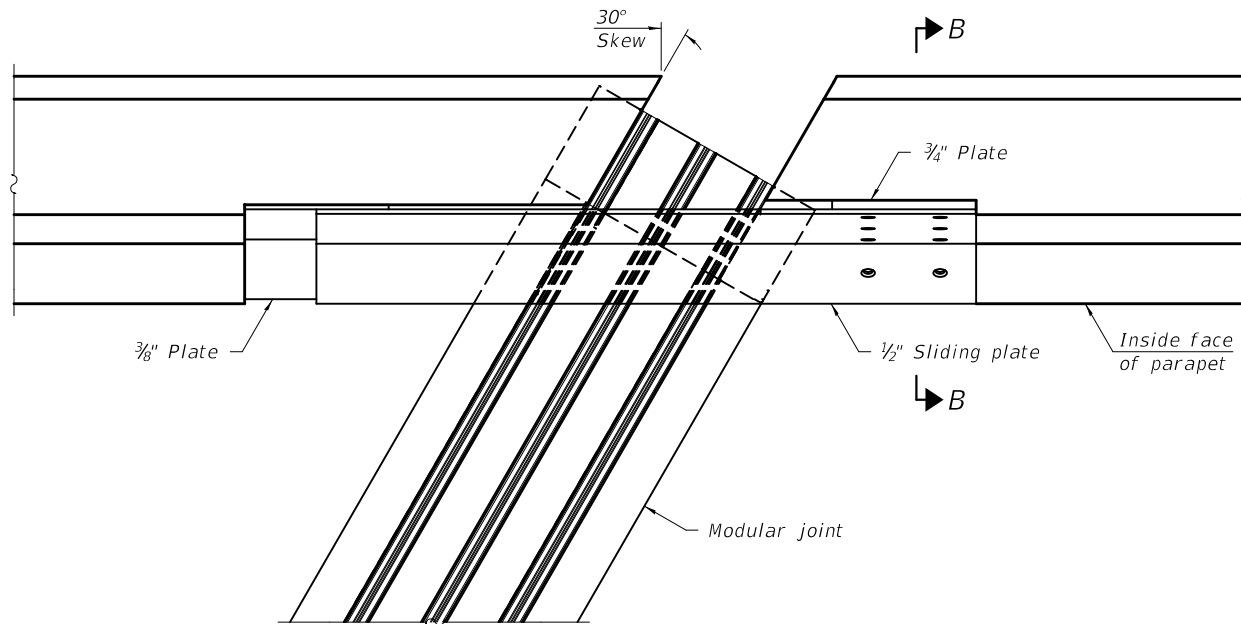
DESIGNED - ZACHARY T. BULVA	EXAMINED - <i>Joanne F. J...</i>	DATE - OCTOBER 15, 2018
CHECKED - JOSUE D. ORTIZ-VARELA	PASSED - <i>Carl...</i>	REVISIONS
DRAWN - MICHAEL B. MOSSMAN		
CHECKED - J.O.V. / P.G. / G.R.A.		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

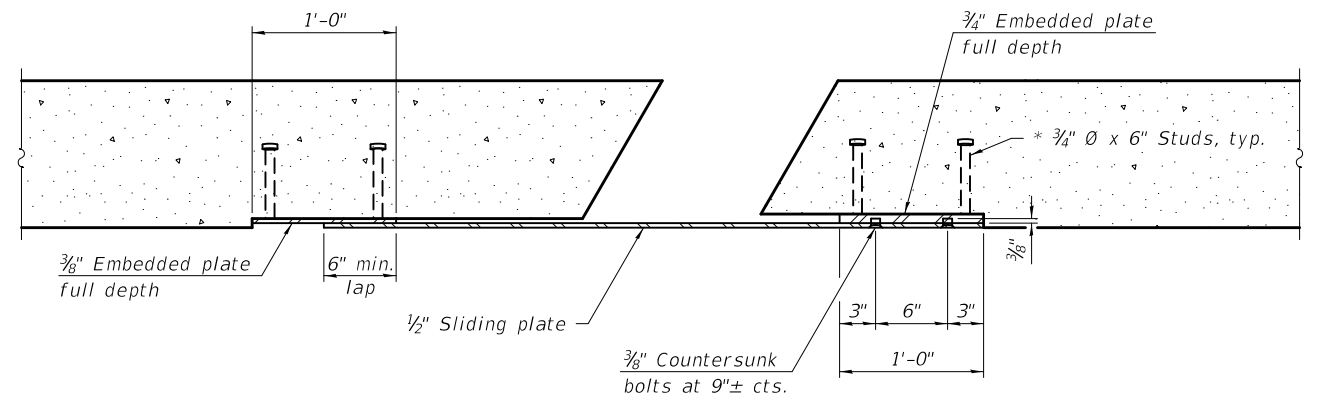
**SWIVEL MODULAR JOINT AT PIER 4 (UNITS 1 & 2)
 STRUCTURE NO. 014 - 0080**

SHEET 28 OF 96 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	92
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

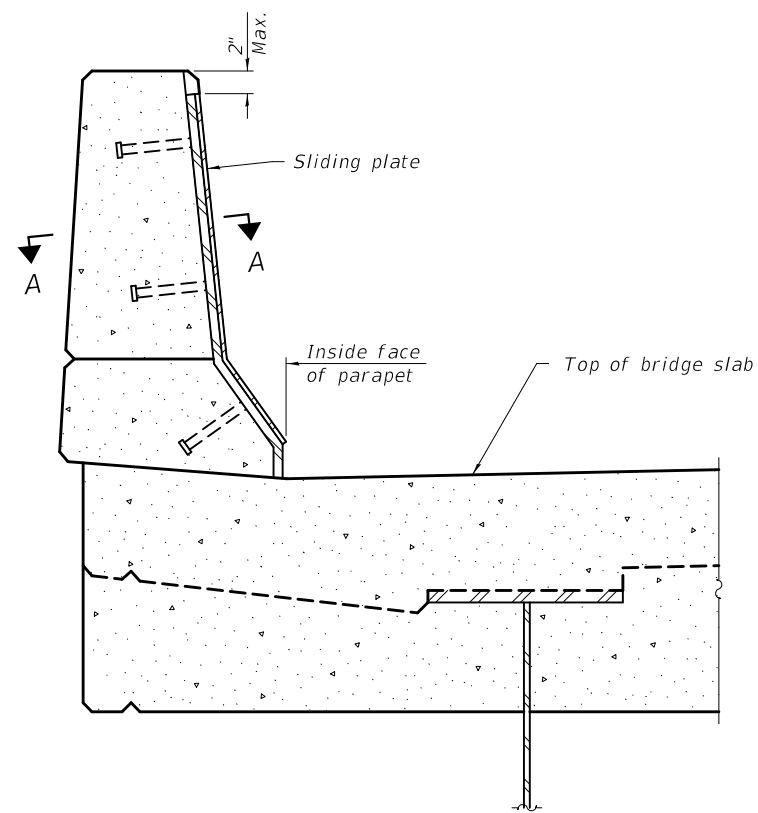


PLAN

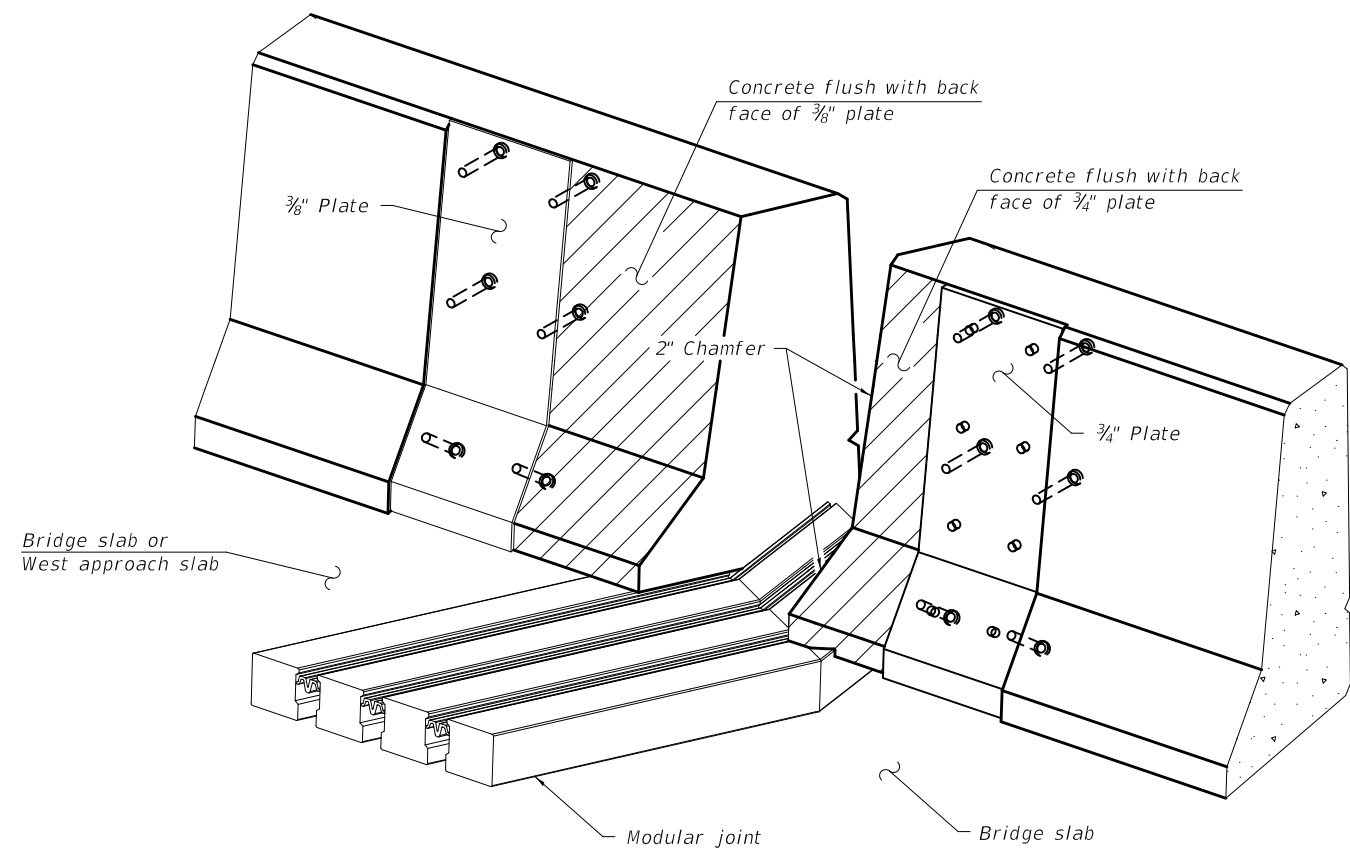


SECTION A-A

* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Standard Specifications, automatically end welded.



SECTION B-B



TRIMETRIC VIEW
(Showing embedded plates only)

Notes:
 All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.
 All materials (plates, bolts, and studs), equipment, and labor required to install the sliding plate assemblies in the parapets are included in the cost of Modular Expansion Joint-Swivel 6".

MODEL: 0140080-76887-029
 FILE NAME: pw:\VIL084EBID\INTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\Bureau of Bridges and Structures\Projects\0140080\CADD Plans\0140080-76887.dgn

DESIGNED -	ZACHARY T. BULVA
CHECKED -	JOSUE D. ORTIZ-VARELA
DRAWN -	MICHAEL B. MOSSMAN
CHECKED -	J.O.V. / P.G. / G.R.A.

EXAMINED	<i>Joanne F. Joffe</i> ENGINEER OF BRIDGE DESIGN
PASSED	<i>Carl Kruger</i> ENGINEER OF BRIDGES AND STRUCTURES

DATE -	OCTOBER 15, 2018
REVISED -	
REVISED -	

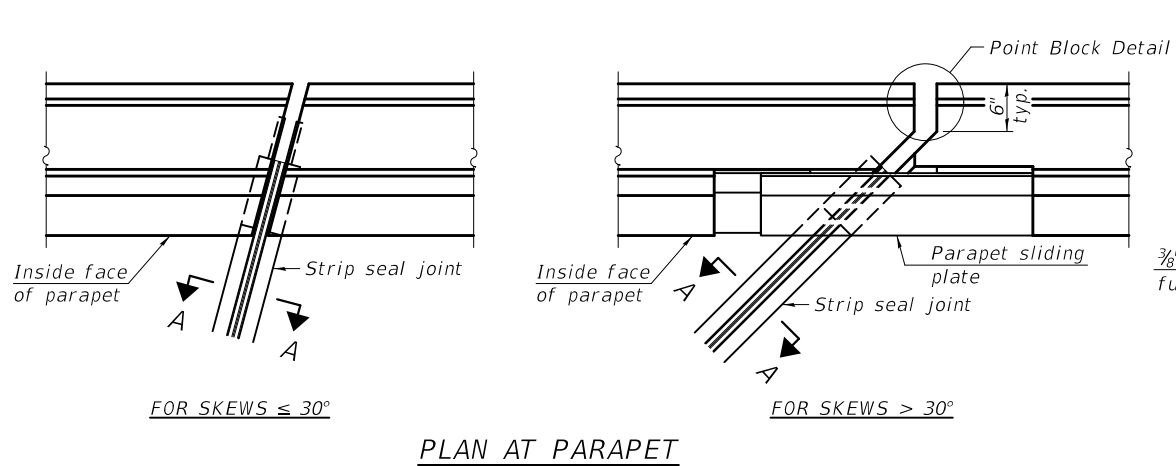
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SLIDING PLATES AT MODULAR JOINTS (UNITS 1 & 2)
 STRUCTURE NO. 014 - 0080

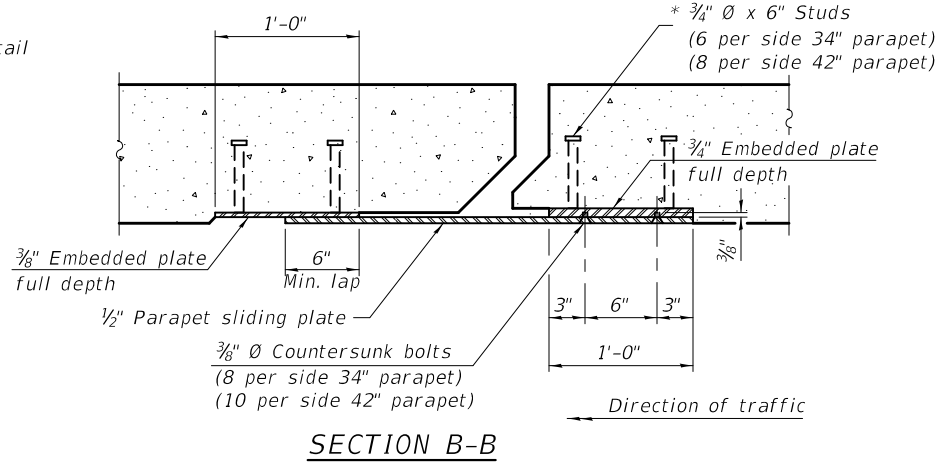
SHEET 29 OF 96 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	93
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

MODEL: 0140080-76887-030
 FILE NAME: pw:\VIL084EBID\INTEG.sil\mids.gov\PWIDOT\Documents\DOT Offices\Bureau of Bridges and Structures\Projects\0140080\CADD Plans\0140080-76887.dgn

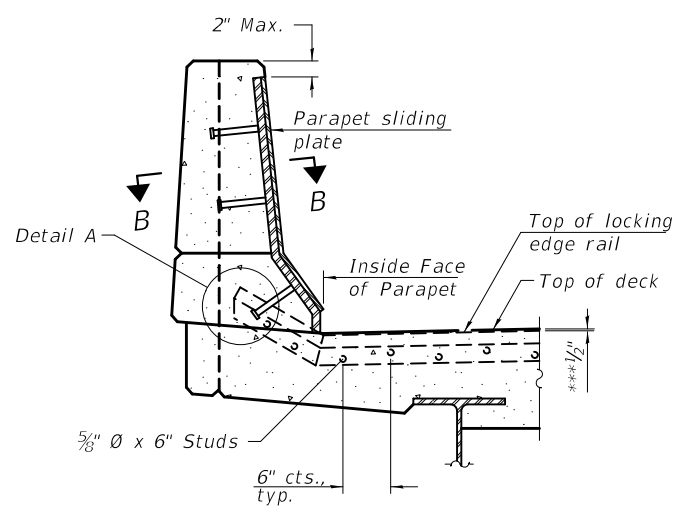


PLAN AT PARAPET



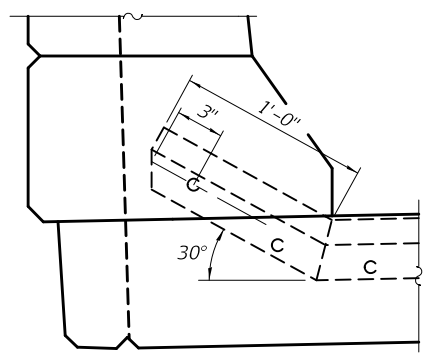
SECTION B-B

Notes:
 The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.
 The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails, however, will not be allowed. Locking edge rails may exceed the 4 1/2" maximum depth provided the anchorage system is revised according to the manufacturer's recommendation.
 The manufacturer's recommended installation methods shall be followed.
 All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.
 The Maximum space between locking edge rail segments shall be 3/16" and sealed with a suitable sealant; however, any rail joint within 10' measured perpendicular to the face of the curb or parapet shall be welded as shown in the locking edge rail splice detail.
 Cost of parapet sliding plates, embedded plates, and anchorage studs included with Preformed Joint Strip Seal.
 34" F-shape barrier shown, 42" F-shape similar as noted.
 The concrete opening below the strip seal will vary based on the locking edge rail chosen by the Contractor. Deck and parapet lengths shown elsewhere in the plans are dimensioned to the concrete opening, not the joint opening, and are based on the rolled locking edge rail. If the Contractor elects to use a different locking edge rail, dimensional adjustments may be required. One exception to this would be the strip seal joint at the end of the precast bridge approach slab. For these cases the pavement connector length shall be adjusted, not the length of the bridge approach slab.

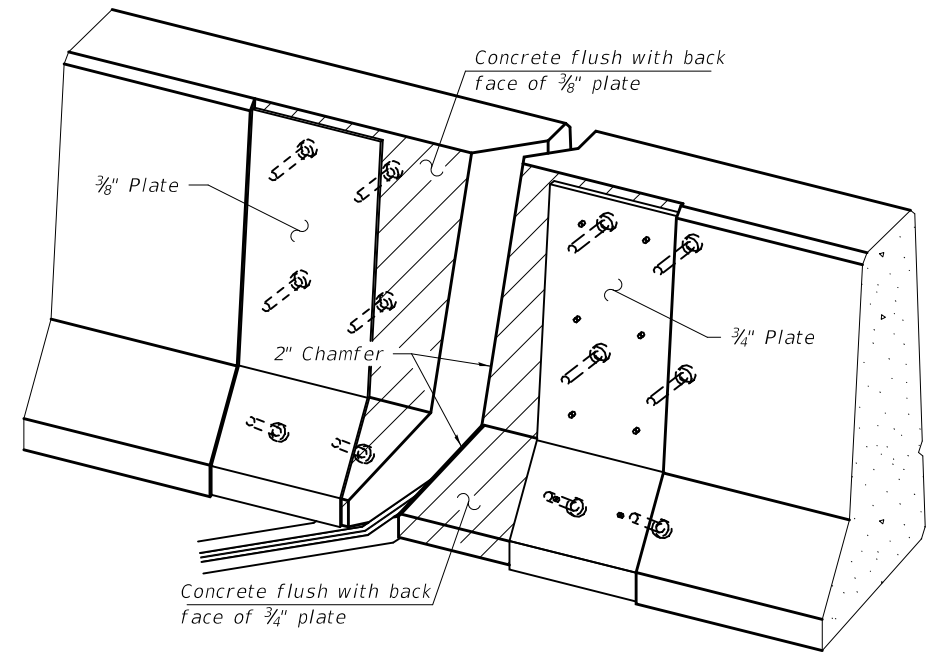


ELEVATION AT PARAPET

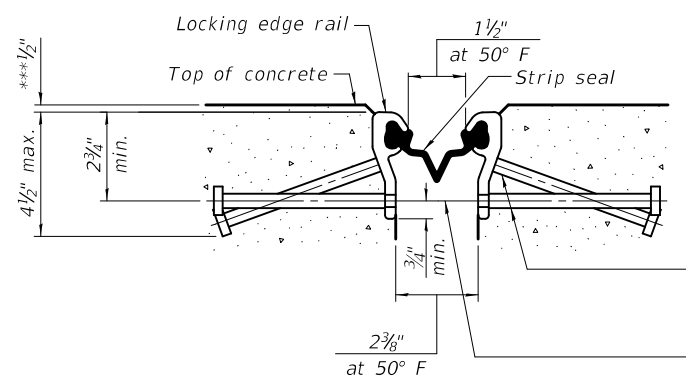
(Skews > 30° shown. Skews ≤ 30° similar except as shown in plan view.)



DETAIL A



TRIMETRIC VIEW
(Showing embedded plates only)

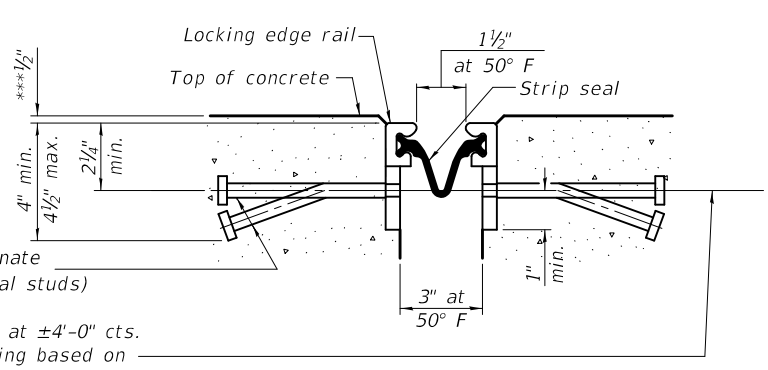


SHOWING ROLLED RAIL JOINT

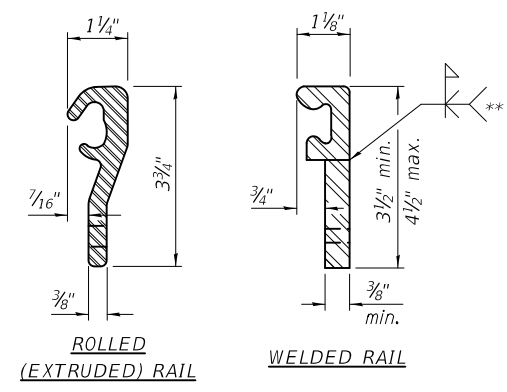
* 5/8" x 6" studs @ 6" cts. (alternate angled/bent studs with horizontal studs)
 3/8" φ threaded rods in 7/16" φ holes at ±4'-0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.

SECTION A-A

* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.
 *** Prior to grinding.

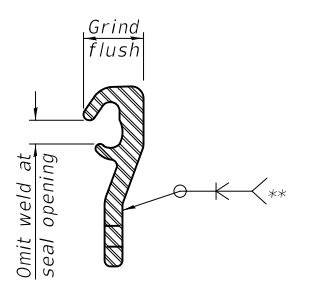


SHOWING WELDED RAIL JOINT



LOCKING EDGE RAILS

** Back gouge not required if complete joint penetration is verified by mock-up.



LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

BILL OF MATERIAL

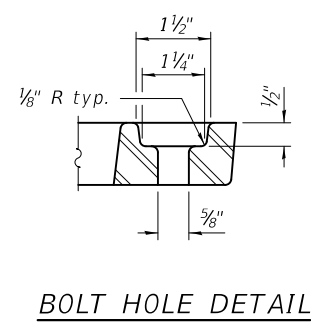
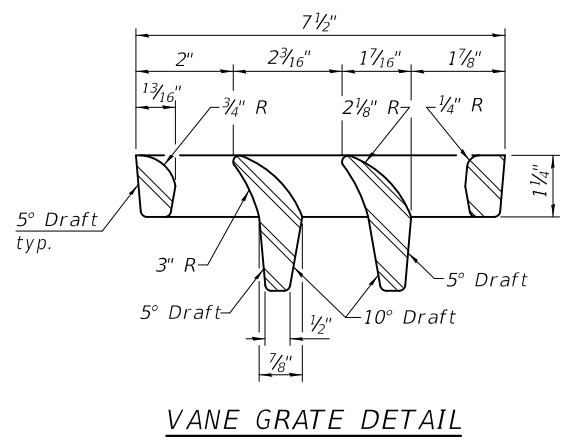
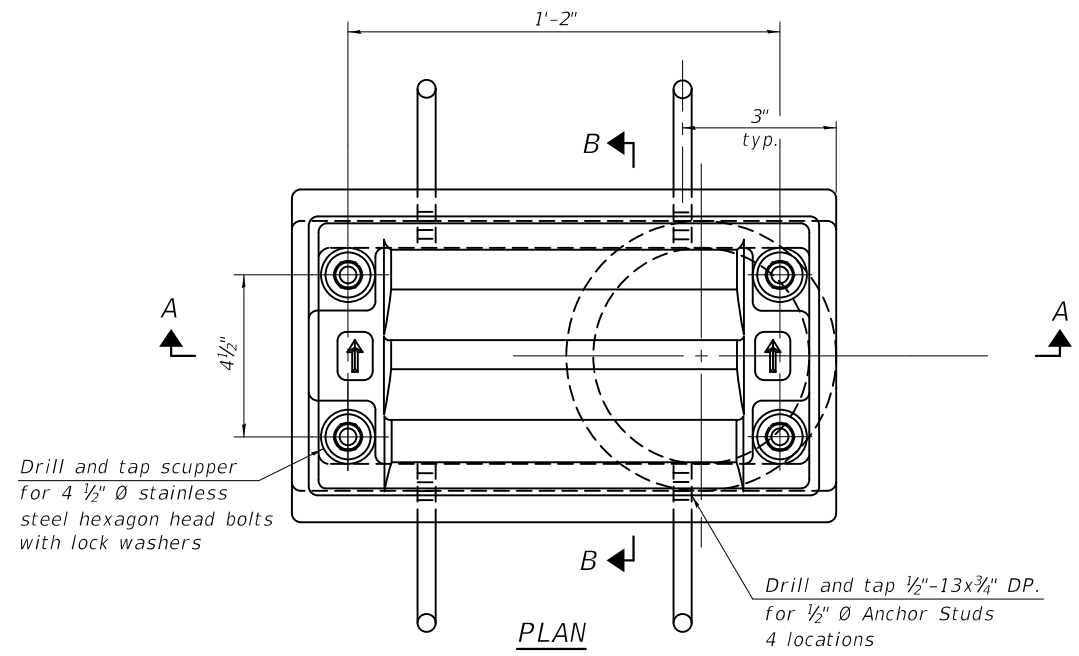
Item	Unit	Total
Preformed Joint Strip Seal	Foot	49

DESIGNED - JOSUE D. ORTIZ-VARELA	EXAMINED - <i>Joanne F. Joffe</i>	DATE - OCTOBER 15, 2018
CHECKED - ZACHARY T. BULVA	PASSED - <i>Carl Berger</i>	
DRAWN - MICHAEL B. MOSSMAN		
CHECKED - J.O.V. / P.G. / G.R.A.		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PREFORMED JOINT STRIP SEAL (UNIT 2)
STRUCTURE NO. 014 - 0080**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	94
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				



Notes:

All cast iron parts shall be gray iron conforming to the requirements of AASHTO M 105, Class 35B.

Bolts, anchor studs, washers and nuts shall conform to the requirements of ASTM A 307 and shall be galvanized according to AASHTO M 232.

Downspouts located on the exterior side of a painted steel fascia beam shall be painted with the finish coat specified for the exterior side of the fascia beam.

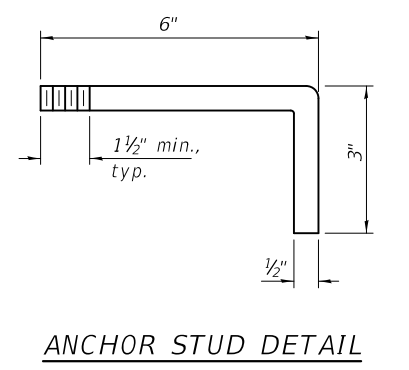
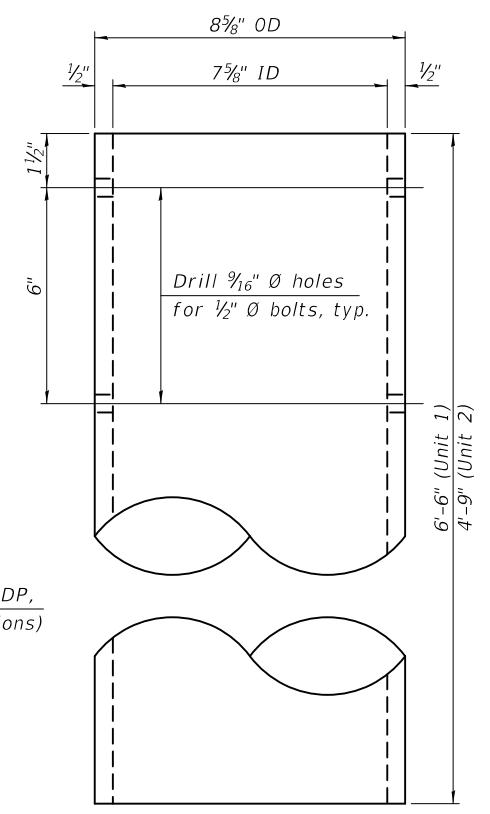
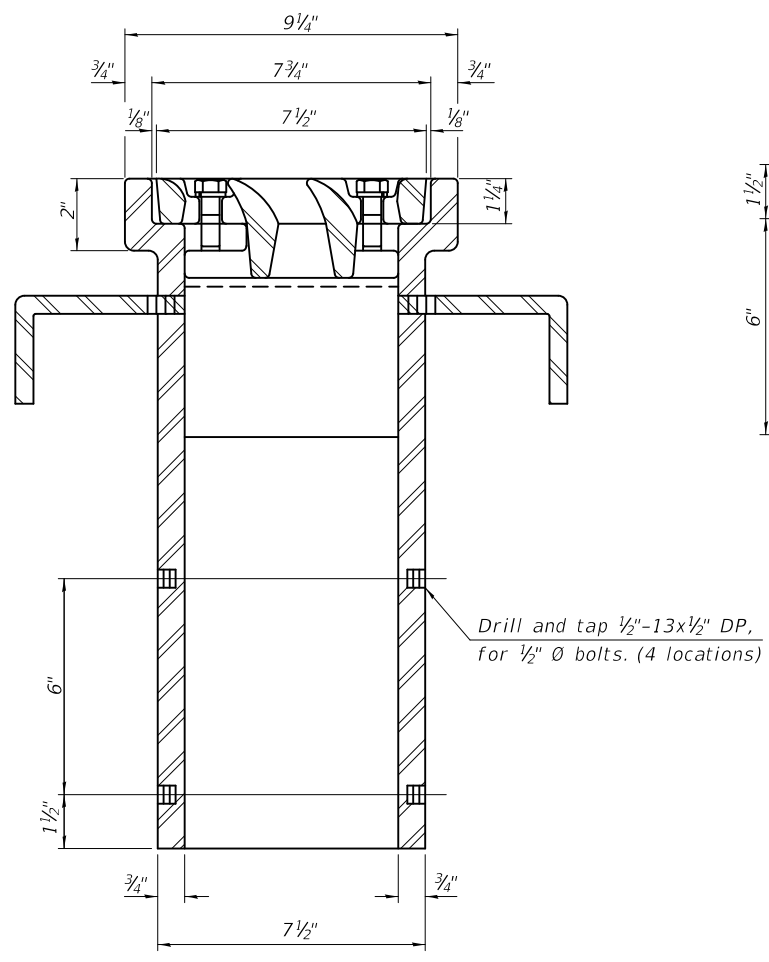
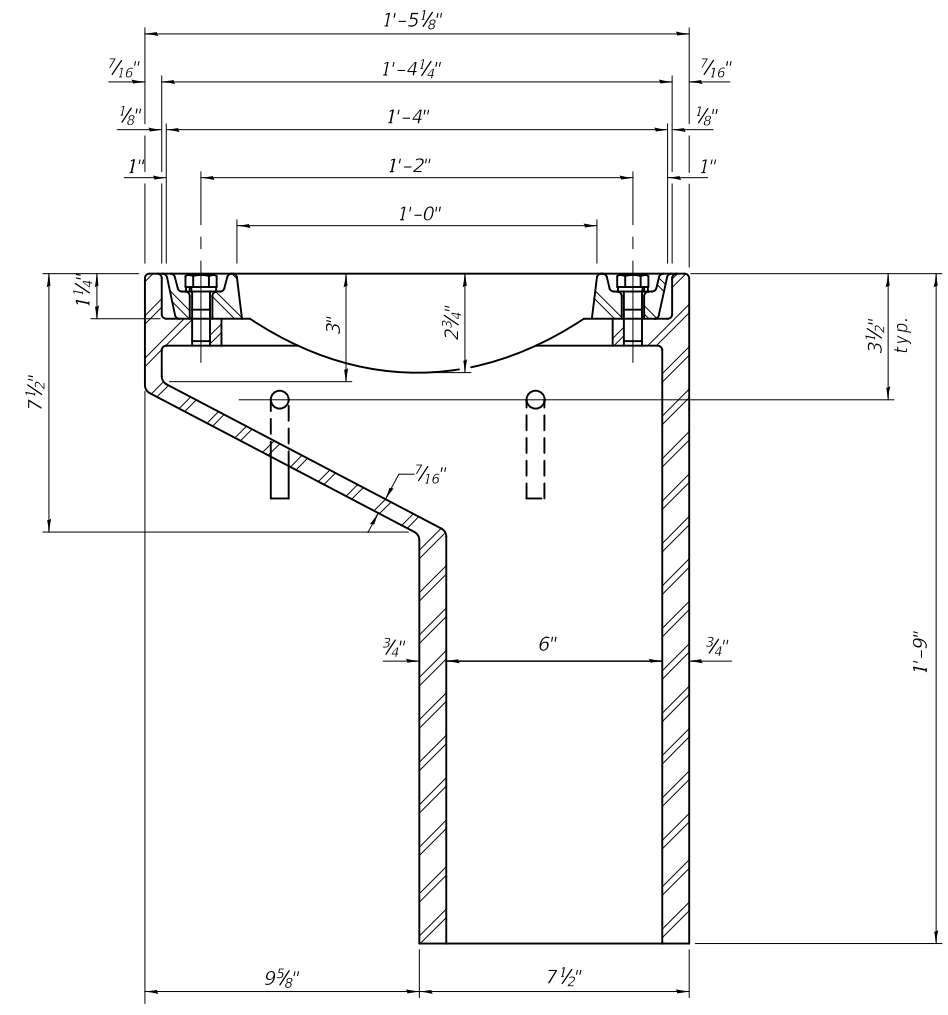
As an alternate, bolts, anchor studs, washers and nuts may be stainless steel according to Article 1006.29(d) of the Standard Specifications.

Structural steel weldments of equal sections and of the same configuration may be substituted for the cast iron scupper frame. Fillet or full penetration welds shall be used for the weldments. Details shall be submitted to the Engineer for approval. Structural steel weldments shall not be substituted for the cast iron scupper grate. Structural steel frames and downspouts shall be galvanized according to AASHTO M111.

The Contractor shall take appropriate measures to assure that Protective Coat is not applied to the scupper.

Cost of the Grate, Frame, Downspout, Anchor Studs, Bolts, Washers and Nuts including complete installation of the scupper shall be paid for at the contract unit price each for Drainage Scupper, DS-11.

Alternate fiberglass downspout conforming to ASTM D 2996 with a short-time rupture strength hoop tensile stress of 30,000 psi min. may be used in lieu of the cast iron or steel equivalent.



See sheets 17 and 22 of 96 for scupper location relative to parapet.

BILL OF MATERIAL

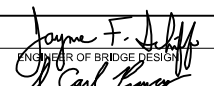
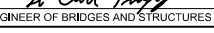
ITEM	UNIT	QUANTITY
Drainage Scupper, DS-11	Each	40

MODEL: 0140080-76887-031
FILE NAME: pw:\1084EBID\INTEG\illmod5.gov\PWIDOT\Documents\DOT Offices\Bureau of Bridges and Structures\Projects\0140080\CADD Plans\0140080-76887.dgn

DS-11

2-17-2017

DESIGNED - Z.T.B. / J.O.V.	EXAMINED
CHECKED - J.O.V. / Z.T.B.	PASSED
DRAWN - MICHAEL B. MOSSMAN	
CHECKED - J.O.V. / P.G. / G.R.A.	


 ENGINEER OF BRIDGE DESIGN

 ENGINEER OF BRIDGES AND STRUCTURES

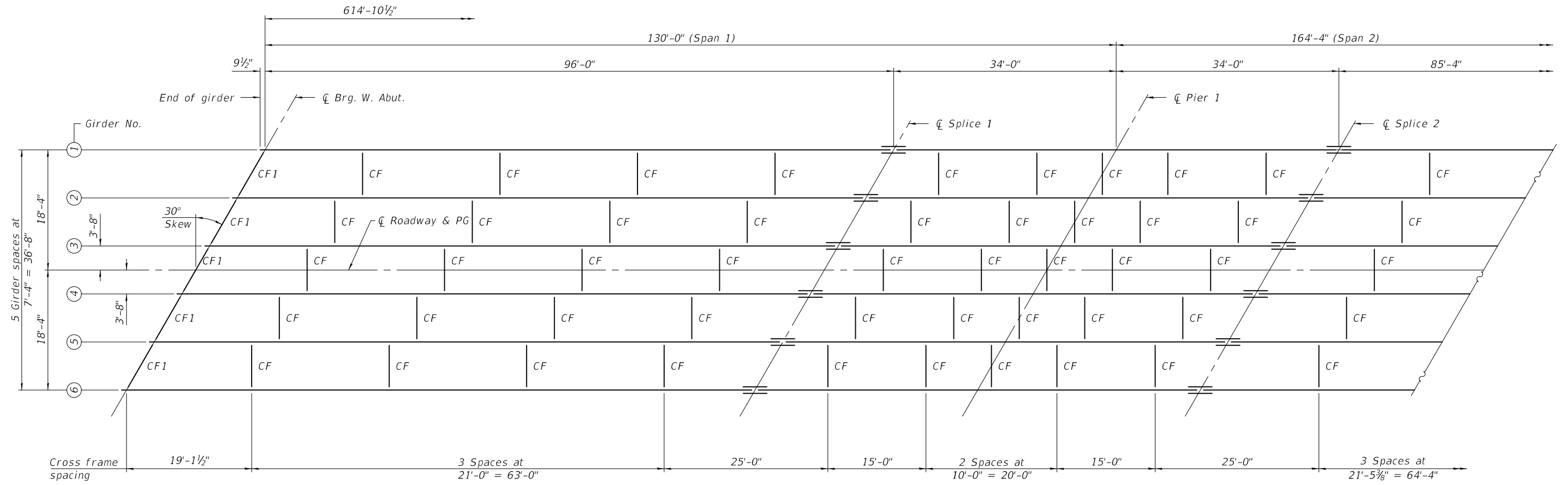
DATE - OCTOBER 15, 2018
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SCUPPER, DS-11
STRUCTURE NO. 014 - 0080**

SHEET 31 OF 96 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	95
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				



PLAN

Notes:
See sheets 36 thru 39 of 96 for structural steel details, notes, and tables.

MODEL: 0140080-76887-032
 FILE NAME: p:\v\084EBID\INTEG\illinois.gov\PWIDOT\Documents\DOT Offices\Bureau of Bridges and Structures\Projects\0140080\CADD Plans\0140080-76887.dgn

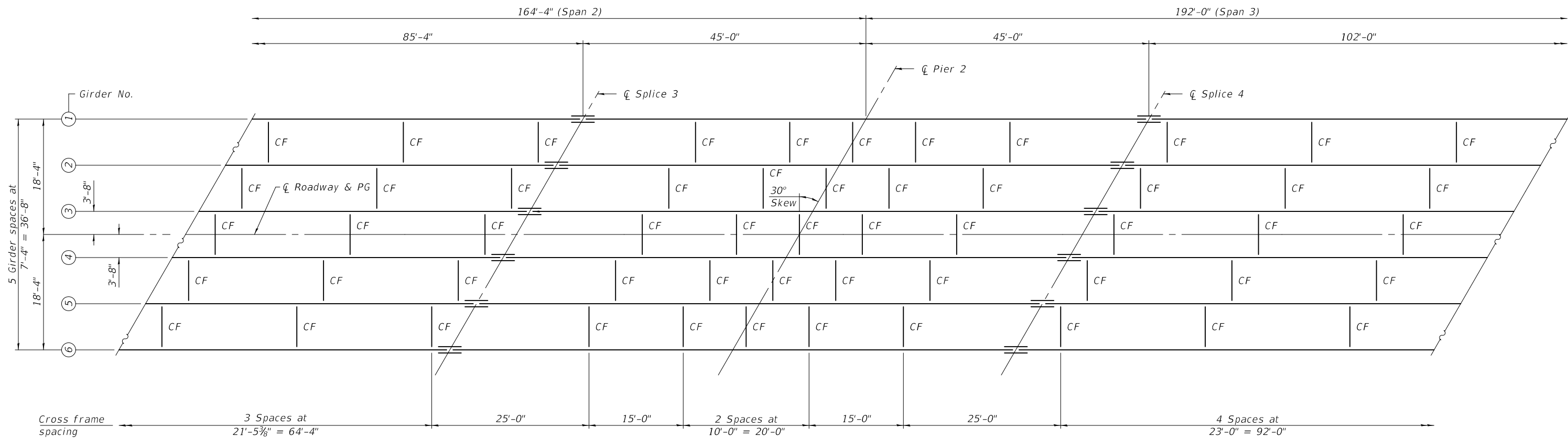
DESIGNED - ZACHARY T. BULVA	EXAMINED - <i>Jaime F. Salas</i>	DATE - OCTOBER 15, 2018
CHECKED - JOSUE D. ORTIZ-VARELA	PASSED - <i>Carl Kasper</i>	REVISOR -
DRAWN - MICHAEL B. MOSSMAN	ENGINEER OF BRIDGE DESIGN	REVISOR -
CHECKED - J.O.V. / P.G. / G.R.A.	ENGINEER OF BRIDGES AND STRUCTURES	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STRUCTURAL STEEL (UNIT 1)
STRUCTURE NO. 014 - 0080**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	96
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				

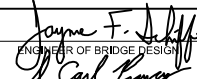

SHEET 32 OF 96 SHEETS



PLAN

MODEL: 0140080-76887-033
 FILE NAME: p:\w\1084EBID\INTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\Bureau of Bridges and Structures\Projects\0140080-76887.dgn

DESIGNED -	ZACHARY T. BULVA
CHECKED -	JOSUE D. ORTIZ-VARELA
DRAWN -	MICHAEL B. MOSSMAN
CHECKED -	J.O.V. / P.G. / G.R.A.

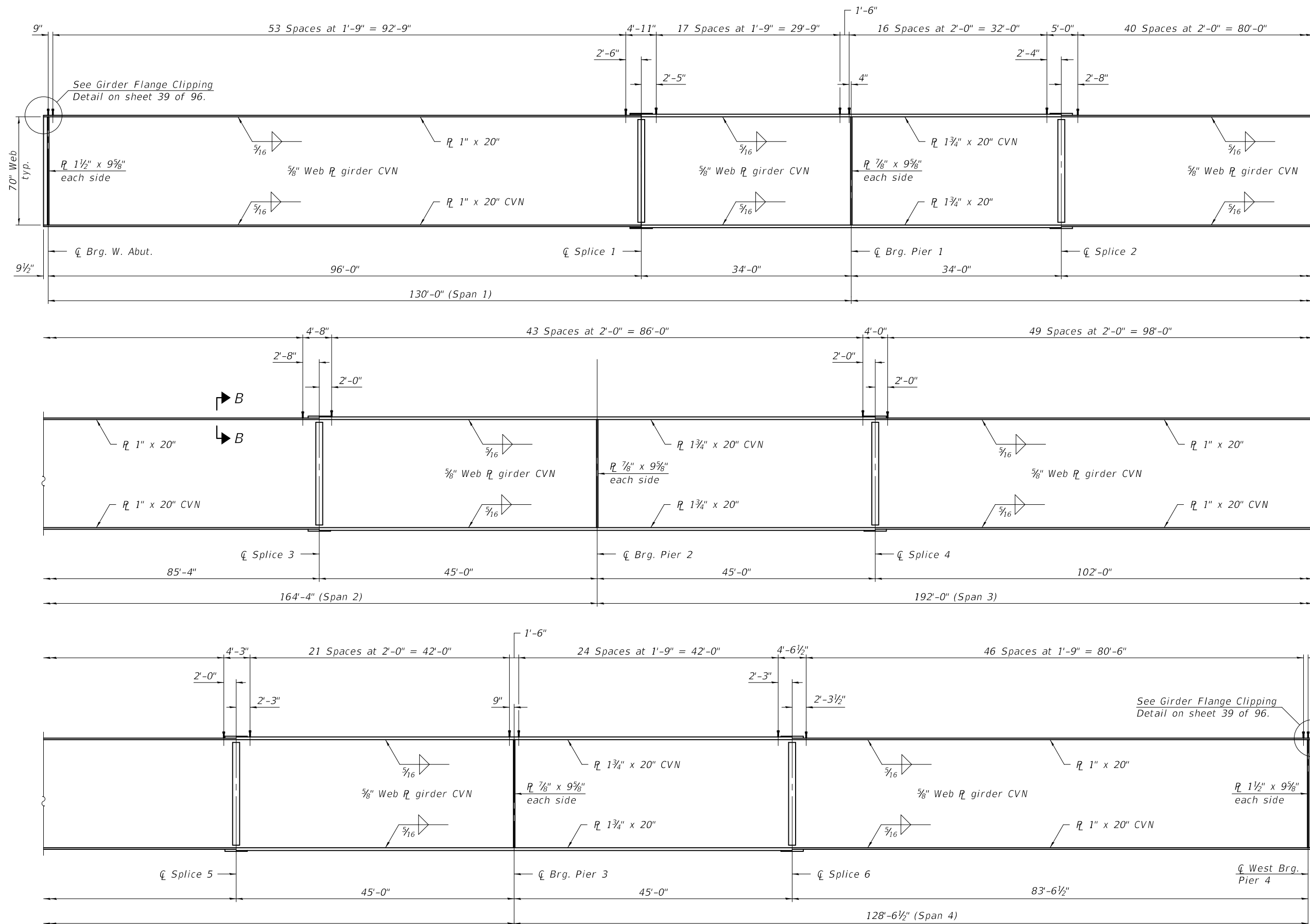
EXAMINED		DATE -	OCTOBER 15, 2018
PASSED		REVISER -	
	ENGINEER OF BRIDGES AND STRUCTURES	REVISER -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STRUCTURAL STEEL (UNIT 1)
STRUCTURE NO. 014 - 0080**

SHEET 33 OF 96 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	97
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				



Note:
 "CVN" denotes Charpy-V-Notch impact energy requirements, zone 2.
 All girder plates, including bearing stiffeners, shall be AASHTO M270, Grade 50.

GIRDER ELEVATION
 (Looking North)

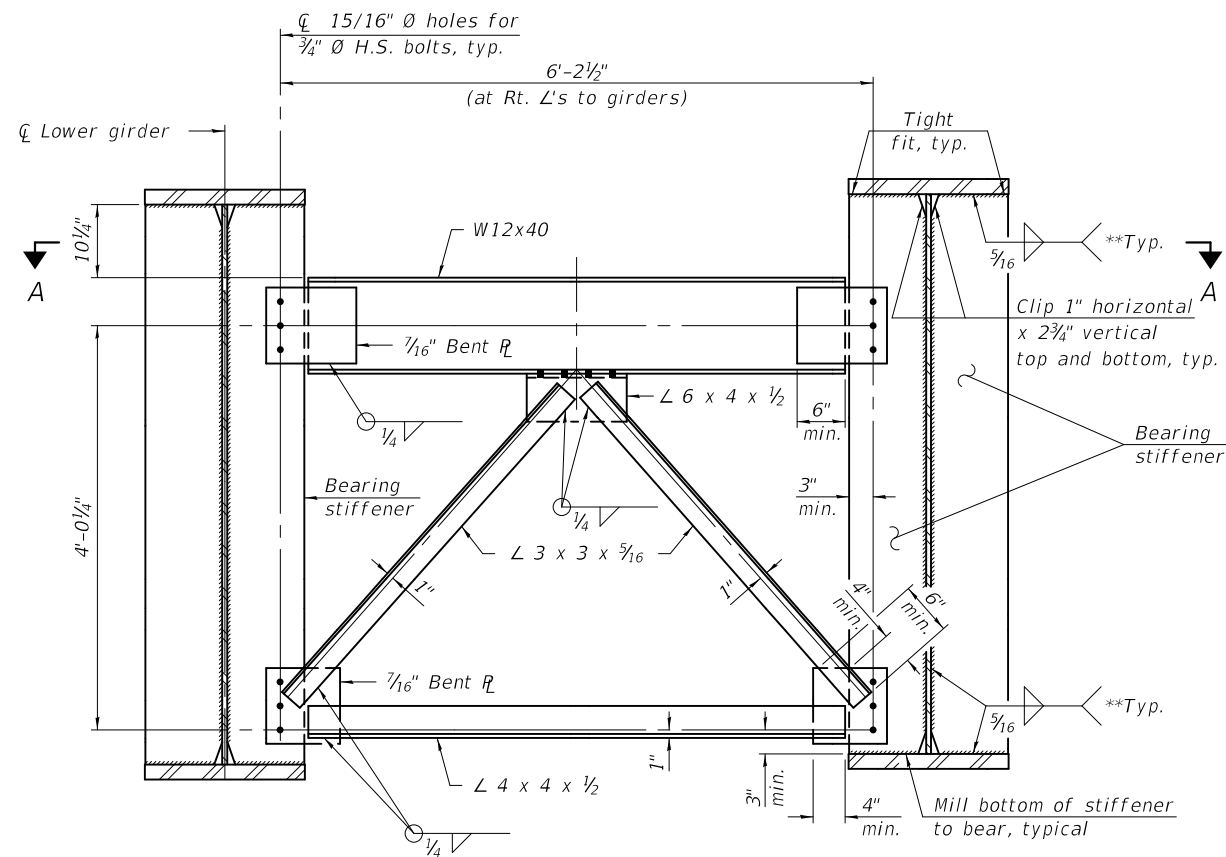
MODEL: 0140080-76887-035
 FILE NAME: pw:\084EBID\INTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\Bureau of Bridges and Structures\Projects\0140080\CADD Plans\0140080-76887.dgn

DESIGNED - ZACHARY T. BULVA	EXAMINED - <i>Joanne F. Joffe</i>	DATE - OCTOBER 15, 2018
CHECKED - JOSUE D. ORTIZ-VARELA	PASSED - <i>Carl Kruger</i>	REVISOR -
DRAWN - MICHAEL B. MOSSMAN	ENGINEER OF BRIDGE DESIGN	REVISOR -
CHECKED - J.O.V. / P.G. / G.R.A.	ENGINEER OF BRIDGES AND STRUCTURES	REVISOR -

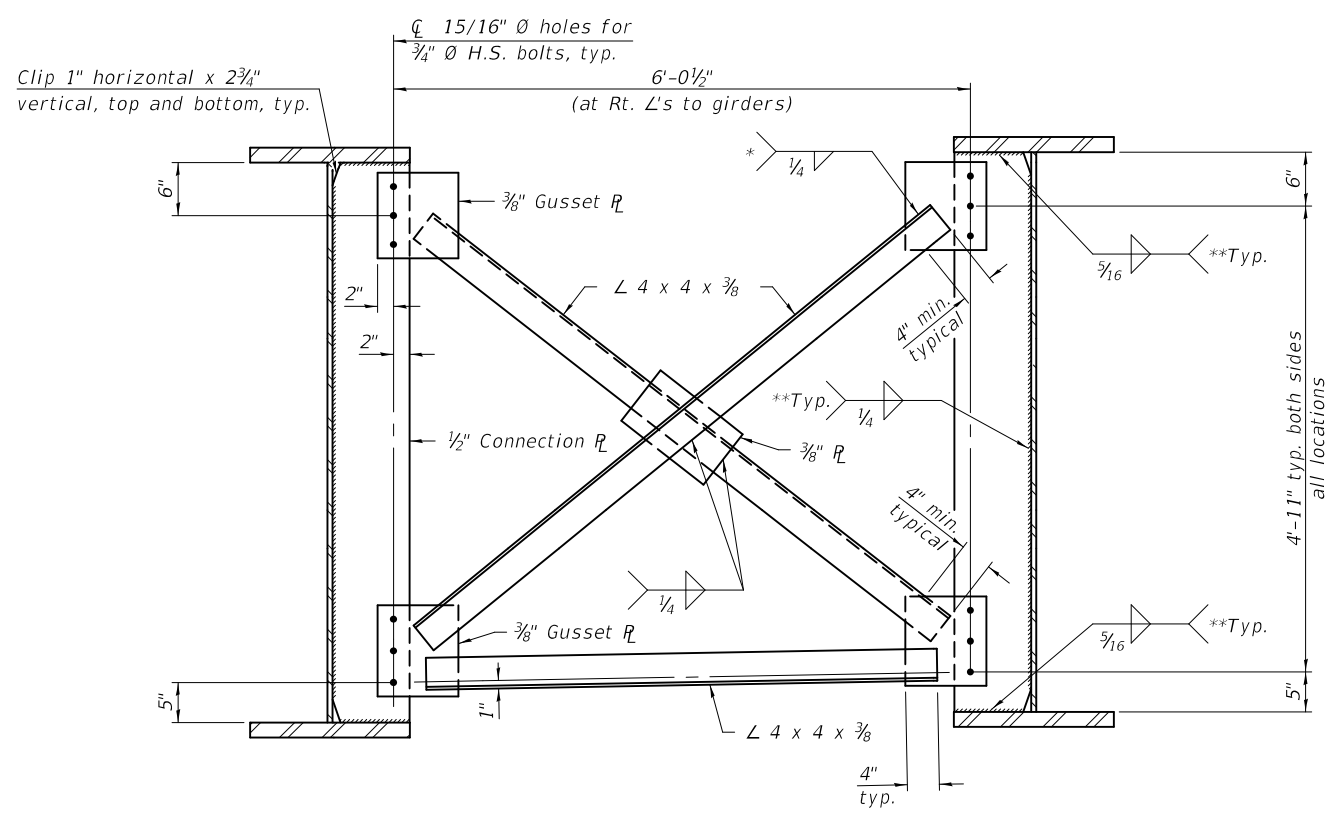
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURAL STEEL (UNIT 1)
STRUCTURE NO. 014 - 0080

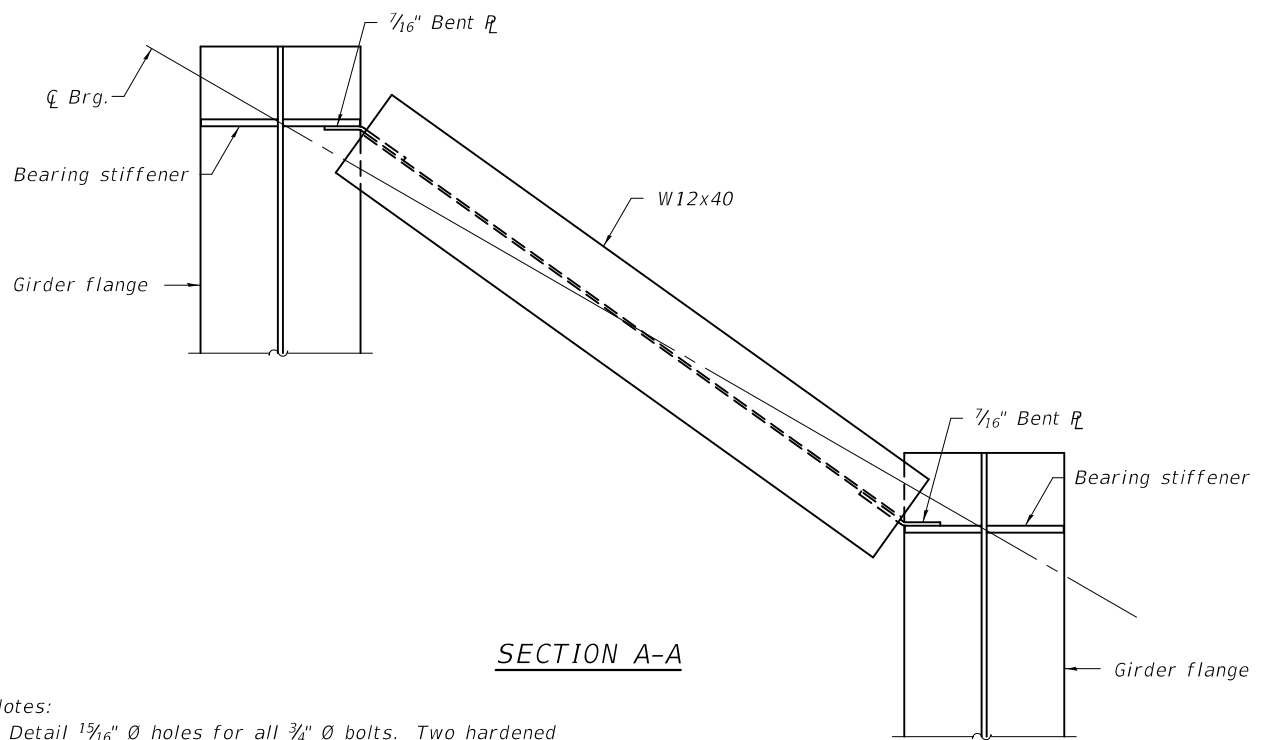
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	99
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				



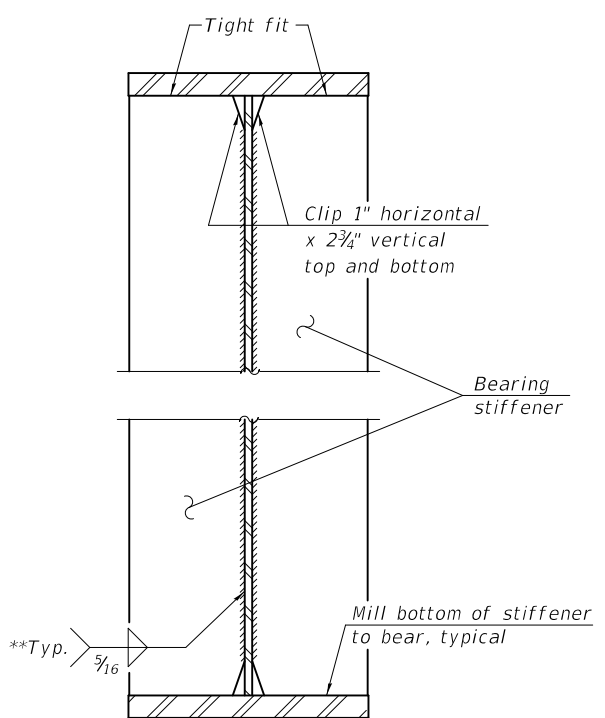
CROSS FRAME CF1
(10 Required)



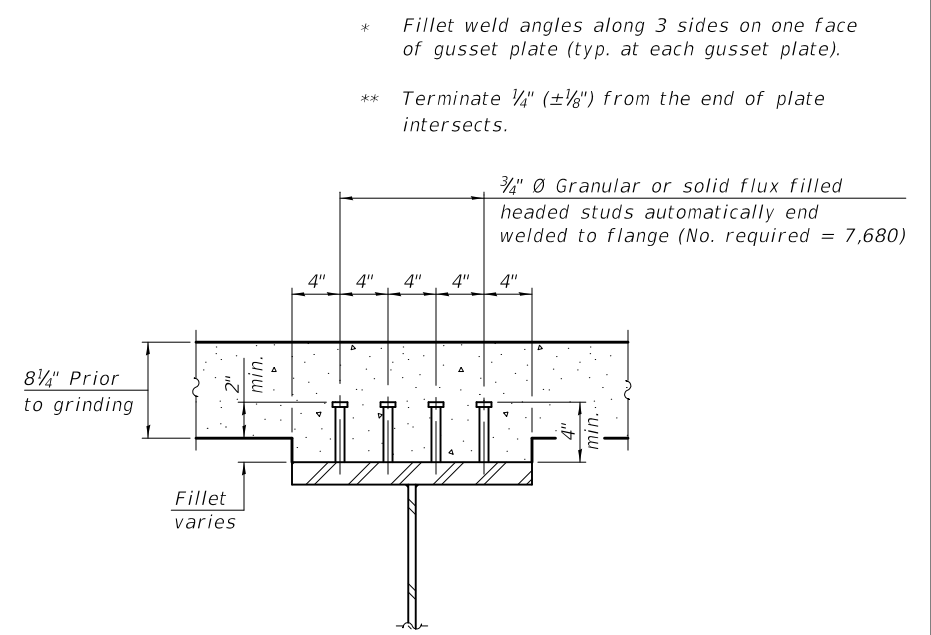
CROSS FRAME CF
(160 Required)



SECTION A-A



BEARING STIFFENER
(At Piers 1, 2, & 3)



SECTION B-B

Notes:
 Detail 1 1/16" Ø holes for all 3/4" Ø bolts. Two hardened washers required for each set of oversized holes.
 All cross frames shall be installed as steel is erected and secured with erection pins and bolts except as otherwise noted. Individual cross frames at supports may be temporarily disconnected to install bearing anchor rods.
 Omit connecting plates on exterior side of exterior girders.

* Fillet weld angles along 3 sides on one face of gusset plate (typ. at each gusset plate).
 ** Terminate 1/4" (±1/8") from the end of plate intersects.

MODEL: 0140080-76887-036
 FILE NAME: pw:\VIL084EBID\INTEG\Illinois.gov\PWIDOT\Documents\Projects\0140080\CADD_Plans\0140080-76887.dgn
 DESIGNED - ZACHARY T. BULVA
 CHECKED - JOSUE D. ORTIZ-VARELA
 DRAWN - MICHAEL B. MOSSMAN
 CHECKED - J.O.V. / P.G. / G.R.A.
 10/15/2018 8:58:20 AM

EXAMINED _____
 PASSED _____
 DATE - OCTOBER 15, 2018
 REVISED - _____
 REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURAL STEEL DETAILS (UNIT 1)
STRUCTURE NO. 014 - 0080

SHEET 36 OF 96 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	7BR, 7BR-1	CLINTON	259	100
CONTRACT NO. 76887				
ILLINOIS FED. AID PROJECT				