

140

01-18-2019 LETTING ITEM 140

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	1
CONTRACT NO. 72C29				

D-96-003-09

FOR INDEX OF SHEETS, SEE SHEET NO. 2

HIGHWAY CLASSIFICATION

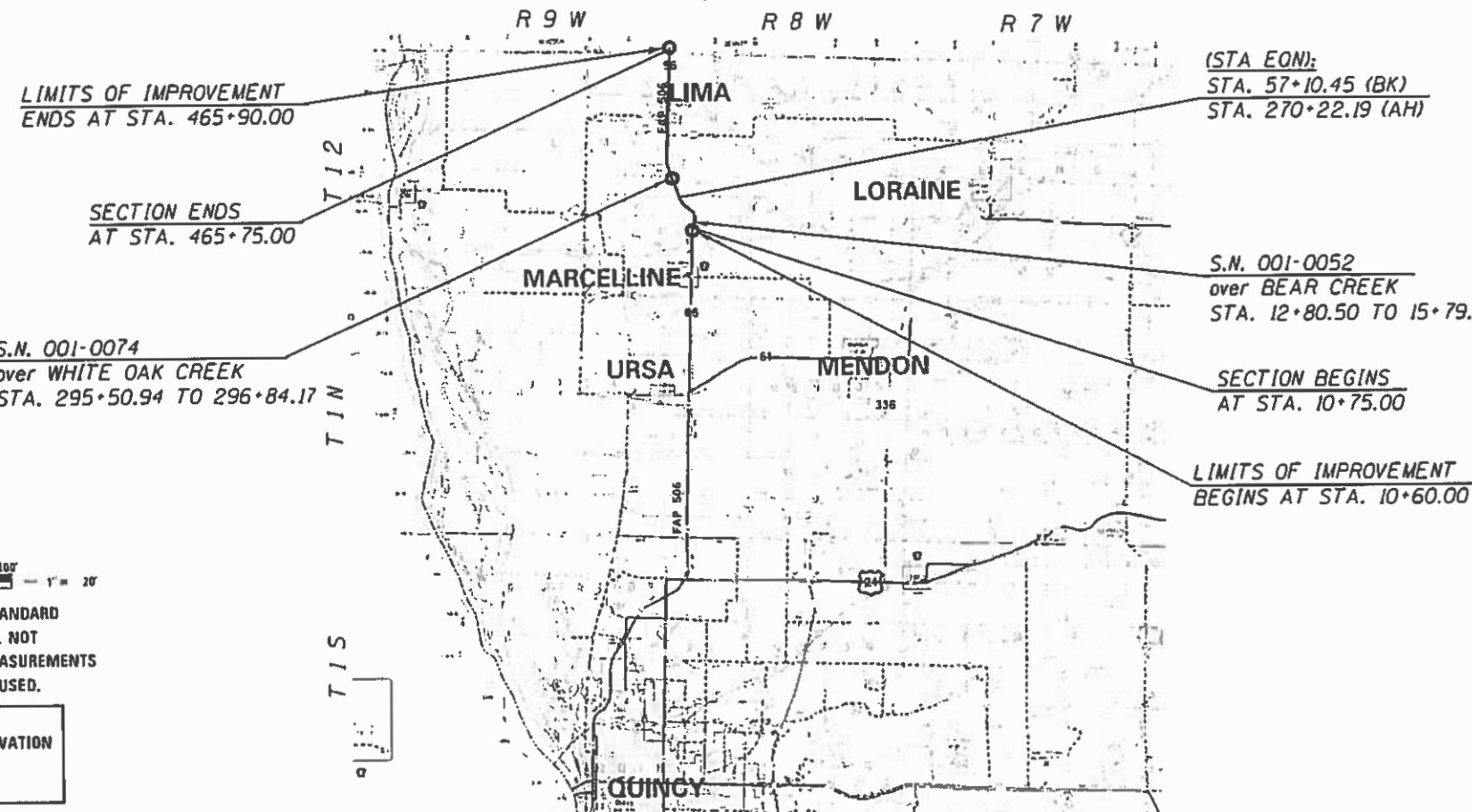
F.A.P. ROUTE 506 (IL 96)
fr. BEAR CREEK to HANCOCK CO. LINE
CLASSIFICATION: MINOR ARTERIAL (NON-URBAN)

ADT: 2,718 (2018)	PV = 89.6%
ADT: 3,502 (2035)	SU = 4.8%
DESIGN SPEED: 35 & 60 MPH	MU = 5.6%
POSTED SPEED: 30 & 55 MPH	

**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 506 (IL 96)
SECTION (126)RS-3,BRR,BDR,BJR,SCR
PROJECT STP-QCNG(046)
3P RESURF, BRIDGE REPAIR, & ADA RAMPS
ADAMS COUNTY

C-96-003-09



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: JAY WAVERING (217) 785-9046
TEAM ENGINEER: RENE CABRERA (217) 558-5140

GROSS LENGTH = 24,218.26 FT. = 4.59 MILES
NET LENGTH = 23,695.96 FT. = 4.49 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 21 March 2018

[Signature]
REGIONAL ENGINEER

May 11 2018
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

May 11 2018
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

CONTRACT NO. 72C29

GENERAL NOTES

GENERAL NOTES

INDEX OF SHEETS

- ① WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED IN A TIMELY MANNER BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED AGENT, OR LAND SURVEYOR HAS WITNESSED AND CROSS-TIED ITS LOCATION.
- ② THE NOMINAL THICKNESS FOR BASE AND SURFACE COURSES ARE SHOWN ON THE TYPICAL SECTIONS, STANDARDS, SCHEDULES, OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESS OF THE ABOVE ITEM SHALL NOT BE LESS THAN 90 PERCENT OF THE NOMINAL THICKNESS AT ANY LOCATION.
- ③ THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATION OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.
- ④ ANY REFERENCE TO A STANDARD IN THE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS.
- ⑤ THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE JULIE NUMBER IS 800-892-0123. A MINIMUM OF FORTY-EIGHT HOURS ADVANCED NOTICE IS REQUIRED. ANY DAMAGE TO THE UNDERGROUND FACILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE, INCLUDING TEMPORARY REPAIRS WHICH MAY BE REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS.
- ⑥ THE LOCATIONS OF THOSE BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE, ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVE GROUND UTILITY LOCATIONS, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ...ETC OF ANY UTILITIES MUST BE COORDINATED BETWEEN CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDOUS ASSOCIATED WITH BURIED AND ABOVE GROUND UTILITIES REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- ⑦ THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE:

LOCATION(S):	IL 96	IL 96	IL 96	IL 96	IL 96	IL 96	Side Rds. & Entr.
MIXTURE USE(S):	HMA CONC SURF CSE	LEV BIND	PATCHING	HMA SHLDR (bottom lift)	HMA BC WID 10"	HMA SHLDR (top lift)	INCIDENTAL HMA SURF
AC/PG:	PG 64-22	PG 58-28	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N design = 50	4.0% @ N design = 50	4.0% @ N design = 50	4.0% @ N design = 50	4.0% @ N design = 50	4.0% @ N design = 50	4.0% @ N design = 50
MIXTURE COMPOSITION (Gradation Mixture)	IL 9.5	IL 9.5	IL 19.0	IL 19.0	IL 19.0	IL 9.5	IL 9.5
FRICITION AGGREGATE	MIX "C"	N/A	N/A	N/A	N/A	MIX "C"	MIX "C"
QUALITY MANAGEMENT	OPC	OPC (See NOTE)	OC/OA	OC/OA	OC/OA	OC/OA	OC/OA
SUBLOT SIZE	1,000 TONS	1,000 TONS	N/A	N/A	N/A	N/A	N/A

- ⑧ IN ADDITION TO FIELD AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- ⑨ THE EXACT LOCATIONS AND SIZES OF PAVEMENT PATCHES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
- ⑩ ACCESS TO ALL ENTRANCES AND SIDE ROADS SHALL BE MAINTAINED AT ALL TIMES.
- ⑪ ALL SAW CUTS NECESSARY TO COMPLETE THE WORK DETAILED IN THE PLANS SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED AND SHALL BE IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS.
- ⑫ UNLESS DIRECTED BY THE ENGINEER, PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT NOR OVER A TAR OR ASPHALT PAINTED LINE. THE EDGE OF A CENTERLINE OR LANE LINE SHALL BE OFFSET A MINIMUM DISTANCE OF 2" FROM A LONGITUDINAL CRACK OR JOINT. EDGE LINES SHALL BE APPROXIMATELY 2" FROM THE EDGE OF PAVEMENT. SEE SECTION 780 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
- ⑬ THE APPROXIMATE AVERAGE THICKNESS OF 2 3/4" IS USED FOR CALCULATING THE QUANTITY FOR AGGREGATE WEDGE SHOULDERS, TYPE B.
- ⑭ NO PASSING ZONES SHALL BE VERIFIED BY THE BUREAU OF OPERATIONS. THE RESIDENT ENGINEER SHALL NOTIFY THE DISTRICT 6 BUREAU OF OPERATIONS AT (217) 782-7314 AT LEAST 14 DAYS IN ADVANCES OF FINAL PAVEMENT MARKINGS.
- ⑮ PROPOSED SUPERELEVATIONS SHOWN IN THE TYPICAL SECTIONS ARE REFERENCED FROM EXISTING PLANS AND SHALL MATCH EXISTING PAVEMENT GRADES AND TRANSITIONS, THE ENGINEER SHALL FIELD VERIFY ALL EXISTING SUPERELEVATIONS.
- ⑯ ALL AGGREGATE SURFACE COURSE SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.

RATES OF APPLICATION TABLES

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES.

BITUMINOUS MATERIALS (PRIME COAT): 0.05 LBS / 50 FT (FOR MILLING)
0.025 LBS / FT (FOR LIFTS)
HMA SURFACE MIX C / BINDER (112 LBS): 0.056 TON / 50 YD • in
AGGREGATE MATERIALS: 2.05 TON / CU YD

COMMITMENTS

THE RESIDENT ENGINEER SHALL CONTACT STUDIES AND PLANS CONCERNING ANY MAJOR PLAN CHANGE TO MAKE SURE NO PREVIOUS COMMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN AND ALLOW AN IMPROVED DESIGN FOR FUTURE PROJECTS.

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51 PIPE CULVERT REPAIR DETAILS SN: 001-7039
52 - 56 ADA SIDEWALK RAMP DETAILS (5)
57 SUPERELEVATION DETAIL
58 - 59 ENTRANCE AND SIDEROAD DETAILS (2)

STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
424001-10	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-03	DIAGONAL CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C & O PATCHES
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-08	SHOULDER WIDENING FOR TYPE I (SPECIAL) GUARDRAIL TERMINALS
631031-15	TRAFFIC BARRIER TERMINAL, TYPE 6
643001-02	SAND MODULE IMPACT ATTENUATORS
667101-02	PERMANENT SURVEY MARKER
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701321-17	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701336-06	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER, OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
780001-05	TYPICAL PAVEMENT MARKING
781001-04	TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKINGS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

DISTRICT SIX	
EXAMINED <i>February 16th</i> 20 <u>18</u>	
<i>Adam C. W. [Signature]</i> OPERATIONS ENGINEER	
EXAMINED <i>February 22nd</i> 20 <u>18</u>	
<i>[Signature]</i> PROJECT IMPLEMENTATION ENGINEER	
EXAMINED <i>February 21</i> 20 <u>18</u>	
<i>[Signature]</i> PROGRAM DEVELOPMENT ENGINEER	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				6-00788-0000	6-00788-0200	6-00788-0200	6-00788-0200	6-00788-0200	6-00788-0200		
				80 % FEDERAL 20 % STATE ROADWAY	80 % FEDERAL 20 % STATE BRIDGE	80 % FEDERAL 20 % STATE BRIDGE	80 % FEDERAL 20 % STATE PIPE CULVERT	80 % FEDERAL 20 % STATE BOX CULVERT	80 % FEDERAL 20 % STATE BOX CULVERT		
				0005	0059	0047	0004	0004	0004		
				3P	001-0052	001-0074	001-7039	001-7038	001-7037		
20200100	EARTH EXCAVATION	CU YD	214		110	104					
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	108	90	9	9					
20700110	POROUS GRANULAR EMBANKMENT	TON	8				8				
25000100	SEEDING, CLASS 1	ACRE	0.1	0.1							
25100115	MULCH, METHOD 2	ACRE	0.1	0.1							
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	413		173	138	69	11		22	
28100709	STONE DUMPED RIPRAP, CLASS A5	SQ YD	128		128						
35600716	HOT-MIX ASPHALT BASE COURSE WIDENING, 10"	SQ YD	771		396	375					
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	58	58							
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	50,163	50,163							
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	2,957	2,957							
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2,819	2,819							
40600990	TEMPORARY RAMP	SQ YD	87	87							

USER NAME = cabrerars	DESIGNED - RSC	REVISED -
	DRAWN - RSC	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE: NTS	SHEET 1 OF 7 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	3
CONTRACT NO. 72C29			ILLINOIS FED. AID PROJECT	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				6-00788-0000	6-00788-0200	6-00788-0200	6-00788-0200	6-00788-0200	6-00788-0200	
				80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	
				ROADWAY	BRIDGE	BRIDGE	PIPE CULVERT	BOX CULVERT	BOX CULVERT	
				0005	0059	0047	0004	0004	0004	
3P	001-0052	001-0074	001-7039	001-7038	001-7037					
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	5,926	5,926						
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	342	342						
42001300	PROTECTIVE COAT	SQ YD	30		30					
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1,859	1,859						
42400800	DETECTABLE WARNINGS	SQ FT	119	119						
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	55,760	55,760						
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	15,282	15,282						
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	29	29						
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	212	212						
44000600	SIDEWALK REMOVAL	SQ FT	1,499	1,499						
44200156	PAVEMENT PATCHING, TYPE II, 13 INCH	SQ YD	725	725						
44200160	PAVEMENT PATCHING, TYPE III, 13 INCH	SQ YD	250	250						
44200162	PAVEMENT PATCHING, TYPE IV, 13 INCH	SQ YD	220	220						
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2,762	2,762						

USER NAME = cabrerars DESIGNED - RSC DRAWN - RSC PLOT SCALE = 2.0000' / in. CHECKED - PLOT DATE = 3/17/2018 DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES SCALE: NTS SHEET 2 OF 7 SHEETS STA. TO STA.	<table border="1"> <tr> <th>F.A.P. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>506</td> <td>(126)RS-3,BRR,BDR,BJR,SCR</td> <td>ADAMS</td> <td>59</td> <td>4</td> </tr> <tr> <td colspan="5">CONTRACT NO. 72C29</td> </tr> <tr> <td colspan="5">ILLINOIS FED. AID PROJECT</td> </tr> </table>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	4	CONTRACT NO. 72C29					ILLINOIS FED. AID PROJECT				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																				
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	4																				
CONTRACT NO. 72C29																								
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				6-00788-0000	6-00788-0200	6-00788-0200	6-00788-0200	6-00788-0200	6-00788-0200	
				80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	
				ROADWAY	BRIDGE	BRIDGE	PIPE CULVERT	BOX CULVERT	BOX CULVERT	
				0005	0059	0047	0004	0004	0004	
3P	001-0052	001-0074	001-7039	001-7038	001-7037					
48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SQ YD	3,997	3,997						
48203100	HOT-MIX ASPHALT SHOULDERS	TON	433	433						
50102400	CONCRETE REMOVAL	CU YD	11		11					
50200100	STRUCTURE EXCAVATION	CU YD	21				21			
50300100	FLOOR DRAINS	EACH	32		32					
50300255	CONCRETE SUPERSTRUCTURE	CU YD	11		11					
50300260	BRIDGE DECK GROOVING	SQ YD	960		960					
50800105	REINFORCEMENT BARS	POUND	122				122			
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,860		1,860					
50800515	BAR SPLICERS	EACH	29		29					
52000110	PREFORMED JOINT STRIP SEAL	FOOT	74		74					
54248510	CONCRETE COLLAR	CU YD	2				2			
55100500	STORM SEWER REMOVAL 12"	FOOT	32	32						
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	1	1						

USER NAME = cabrerars	DESIGNED - RSC	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE: NTS	SHEET 3 OF 7 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	5
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				80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE
				ROADWAY	BRIDGE	BRIDGE	PIPE CULVERT	BOX CULVERT	BOX CULVERT
				0005	0059	0047	0004	0004	0004
RURAL				3P	001-0052	001-0074	001-7039	001-7038	001-7037
60500060	REMOVING INLETS	EACH	1	1					
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	212	212					
* 63000007	STEEL PLATE BEAM GUARDRAIL, TYPE B, 6 FOOT POSTS	FOOT	762.5		312.5	450			
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	8		4	4			
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	8		4	4			
63200310	GUARDRAIL REMOVAL	FOOT	1,599		770	829			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12					
67100100	MOBILIZATION	L SUM	1	1					
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1		1				
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1					
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1					
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1					
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1					
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1					

* SPECIALTY ITEM

USER NAME = cabrerars	DESIGNED - RSC	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NTS SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	6
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				80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	
				ROADWAY	BRIDGE	BRIDGE	PIPE CULVERT	BOX CULVERT	BOX CULVERT	
				0005	0059	0047	0004	0004	0004	
3P	001-0052	001-0074	001-7039	001-7038	001-7037					
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1						
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1						
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DAY	15	15						
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1		1					
70106700	TEMPORARY RUMBLE STRIPS	EACH	12		12					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	7,136	7,136						
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	793	793						
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	78,696	78,696						
70400100	TEMPORARY CONCRETE BARRIER	FOOT	537.5		537.5					
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	537.5		537.5					
70500100	TEMPORARY STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	112.5				112.5			
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2		2					
70600330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH	2		2					

USER NAME = cabrerars DESIGNED - RSC DRAWN - RSC PLOT SCALE = 2.0000' / in. CHECKED - PLOT DATE = 3/17/2018 DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES SCALE: NTS SHEET 5 OF 7 SHEETS STA. TO STA.	<table border="1"> <tr> <th>F.A.P. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>506</td> <td>(126)RS-3,BRR,BDR,BJR,SCR</td> <td>ADAMS</td> <td>59</td> <td>7</td> </tr> <tr> <td colspan="5">CONTRACT NO. 72C29</td> </tr> <tr> <td colspan="5">ILLINOIS FED. AID PROJECT</td> </tr> </table>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	7	CONTRACT NO. 72C29					ILLINOIS FED. AID PROJECT				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																				
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	7																				
CONTRACT NO. 72C29																								
ILLINOIS FED. AID PROJECT																								

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				6-00788-0000	6-00788-0200	6-00788-0200	6-00788-0200	6-00788-0200	6-00788-0200
				80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE
				ROADWAY	BRIDGE	BRIDGE	PIPE CULVERT	BOX CULVERT	BOX CULVERT
				0005	0059	0047	0004	0004	0004
RURAL				3P	001-0052	001-0074	001-7039	001-7038	001-7037
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	8		4	4			
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	78,696	78,696					
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	301	301					
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	20		9	11			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	301	301					
X0322469	PLUG EXISTING FLOOR DRAINS	EACH	62		62				
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	314		314				
X5000015	REMOVE AND RE-INSTALL PIPE CULVERTS	FOOT	17				17		
X6670105	PERMANENT SURVEY MARKERS (SPECIAL)	EACH	20	20					
X7050167	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	EACH	1				1		
X7050169	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (FLARED)	EACH	1				1		
X7200201	WIDTH RESTRICTION SIGNING	L SUM	1		1				
Z0012130	BRIDGE DECK SCARIFICATION 3/4"	SQ YD	1,007		1,007				
Z0012164	BRIDGE DECK MICROSILICA CONCRETE OVERLAY 2 1/2"	SQ YD	1,007		1,007				
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	4		4				
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	8		8				

* SPECIALTY ITEM

USER NAME = cabrerars	DESIGNED - RSC	REVISED -
DRAWN - RSC	CHECKED -	REVISED -
PLOT SCALE = 2.0000' / in.	DATE -	REVISED -
PLOT DATE = 3/20/2018		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NTS SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	8
CONTRACT NO. 72C29				
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				6-00788-0000	6-00788-0200	6-00788-0200	6-00788-0200	6-00788-0200	6-00788-0200
				80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE	80 % FEDERAL 20 % STATE
				ROADWAY	BRIDGE	BRIDGE	PIPE CULVERT	BOX CULVERT	BOX CULVERT
				0005	0059	0047	0004	0004	0004
RURAL				3P	001-0052	001-0074	001-7039	001-7038	001-7037
Z0021907	SILICONE JOINT SEALER, 1.75"	FOOT	35			35			
Z0021912	SILICONE JOINT SEALER, 2.5"	FOOT	35			35			
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	23,786	23,786					
Z0049799	PROTECTING OR RESETTNG SURVEY MARKERS	EACH	11	11					
Ø Z0076600	TRAINEES	HOUR	1500	1500					
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1500	1500					

Ø 0042

REV. - MS

USER NAME = cabrerars	DESIGNED - RSC	REVISED -
DRAWN - RSC	REVISD -	
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/20/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITES			
SCALE:	SHEET	OF	SHEETS
NTS	7	7	
STA.			

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	9
CONTRACT NO. 72C29				
ILLINOIS FED. AID PROJECT				

MILLING SCHEDULE

TYP SEC #	LOCATION (STA TO STA)		LENGTH	PAVT WIDTH	HMA SURF REM. BUTT JOINT	HMA SURF REMOVAL 1 1/2"	HMA SURF REMOVAL 2 1/4"
			(FOOT)	(FOOT)	(SQ YD)	(SQ YD)	(SQ YD)
	[F.A.P. 506 (IL 96)]		-	-	-	-	-
	10+60.00	TO 10+75.00	15.0	26	43.33	-	-
(1)	10+75.00	TO 12+65.50	190.50	26	-	550.33	-
	(HMA BC WID AREA)		-	-	-	-	-
(1)	10+75.00	TO 12+65.50	190.50	(4)(2)	-	169.33	-
	12+65.50	TO 12+80.50	15.0	34	56.67	-	-
	(BRIDGE REPAIR) (SN: 001-0052) (BEAR CREEK) 12+80.50 TO 15+79.57						
	15+79.57	TO 15+94.57	15.0	34	56.67	-	-
	(HMA BC WID AREA)		-	-	-	-	-
(2)	15+94.57	TO 18+20.00	225.43	(4)(2)	-	200.38	-
(2-3)	15+94.57	TO 57+10.45	4,115.88	26	-	11,890.32	-
	(STA EQN) 57+10.45 (BK) = 270+22.19 (AH)						
(4-5)	270+22.19	TO 295+35.94	2,513.75	26	-	7,261.94	-
	(HMA BC WID AREA)		-	-	-	-	-
(5)	292+80.00	TO 295+35.94	255.94	(4)(2)	-	227.50	-
	295+35.94	TO 295+50.94	15.0	34	56.67	-	-
	(BRIDGE REPAIR) (SN: 001-0074) (WHITE OAK CREEK) 295+50.94 TO 296+84.17						
	296+84.17	TO 296+99.17	15.0	34	56.67	-	-
	(HMA BC WID AREA)		-	-	-	-	-
(6)	296+99.17	TO 298+35.00	135.83	(4)(2)	-	120.74	-
(6-7)	296+99.17	TO 351+29.20	5,430.03	26	-	15,686.75	-
(7)	351+29.20	TO 351+44.20	15.0	26	-	-	43.33
(8-9)	351+44.20	TO 358+62.70	718.50	33	-	-	2,634.50
(10)	358+62.70	TO 358+77.70	15.0	26	-	-	43.33
(10-14)	358+77.70	TO 372+96.20	1,418.50	26	-	4,097.89	-
(14)	372+96.20	TO 373+11.20	15.0	26	-	-	43.33
(15)	373+11.20	TO 389+20.70	1,609.50	26	-	-	4,649.67
(16)	389+20.70	TO 405+94.60	1,673.90	32	-	-	5,951.64
(17)	405+94.60	TO 411+75.60	581.00	29	-	-	1,872.11
(18)	411+75.60	TO 411+90.60	15.0	26	-	-	43.33
(18)	411+90.60	TO 465+75.00	5,384.40	26	-	15,554.93	-
	465+75.00	TO 465+90.00	15.0	26	43.33	-	-
	INCIDENTAL HMA SURFACING		-	-	-	-	-
	HMA ENTR		-	-	1,357.61	-	-
	SIDE RDS		-	-	1,147.93	-	-
			-	-	-	-	-
PROJECT TOTAL (3P)					2,819	55,760	15,282

TEMPORARY RAMP

LOCATION	QUANTITY (SQ YD)
	-
[F.A.P. 506 (IL 96)]	-
10+60.00 TO 10+65.00	14.44
12+75.50 TO 12+80.50	14.44
(BRIDGE REPAIR) (SN: 001-0052) (BEAR CREEK) 12+80.50 TO 15+79.57	
15+79.57 TO 15+84.57	14.44
(STA EQN) 57+10.45 (BK) = 270+22.19 (AH)	
295+45.94 TO 295+50.94	14.44
(BRIDGE REPAIR) (SN: 001-0074) (WHITE OAK CREEK) 295+50.94 TO 296+84.17	
296+84.17 TO 296+89.17	14.44
465+85.00 TO 465+90.00	14.44
	-
PROJECT TOTAL (3P)	87

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USER NAME = cabrerars	DESIGNED - RSC	REVISED -
	DRAWN - RSC	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS SHEET 1 OF 10 SHEETS STA. 10+60.00 TO STA. 465+90.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJ,SCR	ADAMS	59	10
				CONTRACT NO. 72C29
		ILLINOIS	FED. AID PROJECT	

EARTH EXCAVATION

TYP. SEC. #	LOCATION (Width = 4' / Depth = 10")	LENGTH (FOOT)	QUANTITY (CU YD)
	[F. A. P. 506 (IL 96)]	-	-
(1)	10+75.00 TO 12+80.50 (BRIDGE REPAIR) (SN: 001-0052) (BEAR CREEK) 12+80.50 TO 15+79.57	205.50	50.74
(2)	15+79.57 TO 18+20.00 (Subtotal SN: 001-0052)	240.43	59.37
	(STA EQN) 57+10.45 (BK) = 270+22.19 (AH)		110.11
(5)	292+80.00 TO 295+50.94 (BRIDGE REPAIR) (SN: 001-0074) (WHITE OAK CREEK) 295+50.94 TO 296+84.17	270.94	66.90
(6)	296+84.17 TO 298+35.00 (Subtotal SN: 001-0074)	150.83	37.24
PROJECT TOTAL			214

AGGREGATE WEDGE SHOULDER, TYPE B

TYP. SEC. #	LOCATION (Width = 4' / Depth = 2 3/4")	LENGTH (FOOT)	QUANTITY (TON)
	[F. A. P. 506 (IL 96)]	-	-
(1)	10+75.00 TO 12+80.50 (BRIDGE REPAIR) (SN: 001-0052) (BEAR CREEK) 12+80.50 TO 15+79.57	205.50	28.61
(2-3)	15+79.57 TO 57+10.45 (STA EQN) 57+10.45 (BK) = 270+22.19 (AH)	4,130.88	575.01
(4-5)	270+22.19 TO 295+50.94 (BRIDGE REPAIR) (SN: 001-0074) (WHITE OAK CREEK) 295+50.94 TO 296+84.17	2,528.75	352.00
(6-7)	296+84.17 TO 351+44.20	5,460.03	760.02
(8-9)	351+44.20 TO 358+62.70 RT	718.50	50.01
(10-14)	358+62.70 TO 373+11.20	1,448.50	201.63
(17)	405+94.60 TO 411+75.60 RT	581.00	40.44
(18)	411+75.60 TO 465+90.00	5,414.40	753.67
PROJECT TOTAL (3P)			2,762

EXCAVATING AND GRADING SHOULDER

TYP. SEC. #	LOCATION	QUANTITY (UNIT)
	[F. A. P. 506 (IL 96)]	-
(2-3)	18+20.00 TO 57+10.45 (STA EQN) 57+10.45 (BK) = 270+22.19 (AH)	77.81
(4)	270+22.19 TO 276+28.00	12.12
PROJECT TOTAL (3P)		90

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USER NAME = cabrerars	DESIGNED - RSC	REVISED -
	DRAWN - RSC	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS SHEET 1 OF 10 SHEETS STA. 10+60.00 TO STA. 465+90.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	11
CONTRACT NO. 72C29				
ILLINOIS FED. AID PROJECT				

PAVEMENT SCHEDULE

TYP SEC #	LOCATION (STA TO STA)		LENGTH (FOOT)	PAVT WIDTH (FOOT)	LEVELING BINDER THICKNESS (INCH)	HMA SURF THICKNESS (INCH)	HMA SURF CSE "C" N50 (TON)	LONG JOINT SEALANT (FOOT)	LEV BIND MM N50 (TON)	HMA BASE CSE WID 10" (SQ YD)	HMA SHLDRS 6 1/2" (SQ YD)	HMA SHLDRS Width = 4' (TONS)	BIT MATLS TACK CT	
													MILLING (POUND)	LIFTS (POUND)
	[F. A. P. 506 (IL 96)]		-	-	-	-	-	-	-	-	-	-	-	-
(1)	10+60.00	TO 10+75.00	15.0	26	0.375	-	-	-	0.91	-	-	-	-	-
(1)	10+60.00	TO 12+80.50	220.50	26	-	1.5	53.51	220.50	-	-	-	-	286.65	143.33
(1)	10+75.00	TO 12+65.50	190.50	26	0.75	-	-	-	23.11	-	-	-	-	-
	(HMA BC WD AREA)		-	-	-	-	-	-	-	-	-	-	-	-
(1)	10+75.00	TO 12+80.50	205.50	(4)(2)	-	1.5	-	-	-	182.67	-	23.02	82.20	41.10
(1)	12+65.50	TO 12+80.50	15.0	26	0.375	-	-	-	0.91	-	-	-	-	-
	(BRIDGE REPAIR) (SN: 001-0052) (BEAR CREEK) 12+80.50 TO 15+79.57													
	(HMA BC WD AREA)		-	-	-	-	-	-	-	-	-	-	-	-
(2)	15+79.57	TO 18+20.00	240.43	(4)(2)	-	1.5	-	-	-	213.72	-	26.93	96.17	48.09
(2-3)	15+79.57	TO 57+10.45	4,130.88	26	-	1.5	1,002.43	4,130.88	-	-	-	-	5,370.14	2,685.07
(2)	15+79.57	TO 15+94.57	15.0	26	0.375	-	-	-	0.91	-	-	-	-	-
(2-3)	15+94.57	TO 57+10.45	4,115.88	26	0.75	-	-	-	499.39	-	-	-	-	-
	(HMA SHLDR AREA)		-	-	-	-	-	-	-	-	-	-	-	-
(2-3)	18+20.00	TO 57+10.45	3,890.45	(4)(2)	-	1.5	-	-	-	-	3,458.18	290.49	-	778.09
	(STA EQN) 57+10.45 (BK) = 270+22.19 (AH)													
	(HMA SHLDR AREA)		-	-	-	-	-	-	-	-	-	-	-	-
(4)	270+22.19	TO 276+28.00	605.81	(4)(2)	-	1.5	-	-	-	-	538.50	45.23	-	121.16
(4-5)	270+22.19	TO 295+35.94	2,513.75	26	0.75	-	-	-	305.00	-	-	-	-	-
(4-5)	270+22.19	TO 295+50.94	2,528.75	26	-	1.5	613.64	2,528.75	-	-	-	-	3,287.38	1,643.69
(5)	295+35.94	TO 295+50.94	15.0	26	0.375	-	-	-	0.91	-	-	-	-	-
	(HMA BC WD AREA)		-	-	-	-	-	-	-	-	-	-	-	-
(5)	292+80.00	TO 295+50.94	270.94	(4)(2)	-	1.5	-	-	-	240.84	-	30.35	108.38	54.19
	(BRIDGE REPAIR) (SN: 001-0074) (WHITE OAK CREEK) 295+50.94 TO 296+84.17													
(6)	296+84.17	TO 296+99.17	15.0	26	0.375	-	-	-	0.91	-	-	-	-	-
	(HMA BC WD AREA)		-	-	-	-	-	-	-	-	-	-	-	-
(6)	296+84.17	TO 298+35.00	150.83	(4)(2)	-	1.5	-	-	-	134.07	-	16.89	60.33	30.17
(6-7)	296+84.17	TO 351+44.20	5,460.03	26	-	1.5	1,324.97	5,460.03	-	-	-	-	7,098.04	3,549.02
(6-7)	296+99.17	TO 351+44.20	5,445.03	26	0.75	-	-	-	660.66	-	-	-	-	-
(8-9)	351+44.20	TO 358+62.70	718.50	33	0.75	1.5	221.30	718.50	110.65	-	-	-	1,185.53	592.76
(10-15)	358+62.70	TO 389+20.70	3,058.00	26	0.75	1.5	742.07	3,058.00	371.04	-	-	-	3,975.40	1,987.70
(16)	389+20.70	TO 389+82.20	61.50	27.5	0.75	1.5	15.79	61.50	7.89	-	-	-	84.56	42.28
(16)	389+82.20	TO 389+92.80	10.60	29	0.75	1.5	2.87	10.60	1.43	-	-	-	15.37	7.69
(16)	389+92.80	TO 390+45.80	53.00	30.5	0.75	1.5	15.09	53.00	7.54	-	-	-	80.83	40.41
(16)	390+45.80	TO 405+94.60	1,548.80	32	0.75	1.5	462.57	1,548.80	231.29	-	-	-	2,478.08	1,239.04
(17)	405+94.60	TO 411+75.60	581.00	29	0.75	1.5	157.26	581.00	78.63	-	-	-	842.45	421.23
(18)	411+75.60	TO 465+75.00	5,399.40	26	0.75	-	-	-	655.13	-	-	-	-	-
(18)	411+75.60	TO 465+90.00	5,414.40	26	-	1.5	1,313.89	5,414.40	-	-	-	-	7,038.72	3,519.36
(18)	465+75.00	TO 465+90.00	15.0	26	0.375	-	-	-	0.91	-	-	-	-	-
	SUBTOTALS												32,090.22	16,944.36
	PROJECT TOTAL (3P)						5,926	23,786	2,957	771	3,997	433	49,035	

** NOTE: (fr INCIDENTAL HMA SURF SCHEDULE = 1,128 LBS)
(REFER TO SHEETS 14 & 15)

** SEE NOTE

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS SHEET 3 OF 10 SHEETS STA. 10+60.00 TO STA. 465+90.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	12
CONTRACT NO. 72C29				
(126)RS-3,BRR,BDR,BJR,SCR ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE

TYP SEC #	LOCATION (STA TO STA)	LINE 5"				RAISED REFLECTIVE PAVEMENT MARKERS (EACH)	RAISED REFLECTIVE PAVT MRKR REMOVAL (EACH)	SHORT-TERM PAVEMENT MARKING (3 APPLICATIONS) (FOOT)	SHORT-TERM PAVEMENT MARKING REMOVAL (SQ FT)
		YELLOW			WHITE				
		SOLID	SKIP-DASH	DBL-SOLID	SOLID				
		(FOOT)	(FOOT)	(FOOT)	(FOOT)				
		-	-	-	-	-	-	-	
	[F. A. P. 506 (IL 96)]	-	-	-	-	-	-	-	
(1)	10+60.00 TO 12+80.50 (BRIDGE REPAIR) (SN: 001-0052) (BEAR CREEK) 12+80.50 TO 15+79.57	220.50	44.10	-	441.00	4	4	22.05 7.35	
(2)	15+79.57 TO 18+26.96	299.07	59.81	-	598.14	-	-	-	
(2-3)	15+79.57 TO 57+10.45	247.39	49.48	-	-	-	-	-	
(2-3)	18+26.96 TO 36+50.00	-	-	-	8,261.76	53	53	413.09 137.70	
(3)	36+50.00 TO 47+00.00	1,823.04	364.61	-	-	-	-	-	
(3)	47+00.00 TO 57+10.45	1,050.00	210.00	-	-	-	-	-	
	(STA EQN) 57+10.45 (BK) = 270+22.19 (AH)	-	-	2,020.90	-	-	-	-	
(4-5)	270+22.19 TO 273+75.00	-	-	705.62	-	-	-	-	
(4-5)	270+22.19 TO 295+50.94	-	-	-	5,057.50	33	33	252.88 84.29	
(5)	273+75.00 TO 280+50.00	675.00	135.00	-	-	-	-	-	
(5)	280+50.00 TO 283+25.00	-	-	550.00	-	-	-	-	
(5)	283+25.00 TO 293+00.00	975.00	195.00	-	-	-	-	-	
(5)	293+00.00 TO 295+50.94	-	50.19	-	-	-	-	-	
	(BRIDGE REPAIR) (SN: 001-0074) (WHITE OAK CREEK) 295+50.94 TO 296+84.17	-	26.65	-	266.46	-	-	-	
(6)	296+84.17 TO 298+25.00	-	28.17	-	-	-	-	-	
(6-18)	296+84.17 TO 465+90.00	-	-	-	33,811.66	212	212	1,690.58 563.53	
(6)	298+25.00 TO 307+80.00	955.00	191.00	-	-	-	-	-	
(6)	307+80.00 TO 312+00.00	-	-	840.00	-	-	-	-	
(6)	312+00.00 TO 318+75.00	675.00	135.00	-	-	-	-	-	
(6)	318+75.00 TO 326+00.00	-	145.00	-	-	-	-	-	
(6)	326+00.00 TO 335+25.00	925.00	185.00	-	-	-	-	-	
(6)	335+25.00 TO 343+00.00	775.00	155.00	-	-	-	-	-	
(6)	343+00.00 TO 347+50.00	-	90.00	-	-	-	-	-	
(7-9)	347+50.00 TO 357+50.00	1,000.00	200.00	-	-	-	-	-	
(9-11)	357+50.00 TO 360+20.00	-	-	540.00	-	-	-	-	
(11-14)	360+20.00 TO 372+00.00	1,180.00	236.00	-	-	-	-	-	
(14-15)	372+00.00 TO 383+50.00	-	-	2,300.00	-	-	-	-	
(15-16)	383+50.00 TO 396+25.00	1,275.00	255.00	-	-	-	-	-	
(16-17)	396+25.00 TO 411+50.00	-	305.00	-	-	-	-	-	
(17-18)	411+50.00 TO 432+50.00	2,100.00	420.00	-	-	-	-	-	
(18)	432+50.00 TO 453+00.00	-	-	4,100.00	-	-	-	-	
(18)	453+00.00 TO 465+90.00	1,290.00	258.00	-	-	-	-	-	
		-	-	-	-	-	-	-	
	SUBTOTALS	15,465.00	3,738.00	11,056.52	48,436.52	-	-	2,378.60 -	
	PROJECT TOTAL (3P)			78,696		301	301	7,136 793	

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USER NAME = cabrerars	DESIGNED - RSC	REVISED -
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PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS SHEET 4 OF 10 SHEETS STA. 10+60.00 TO STA. 465+90.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	13
CONTRACT NO. 72C29				
ILLINOIS FED. AID PROJECT				

INCIDENTAL HOT-MIX ASPHALT SURFACING, BITUMINOUS MATERIALS (TACK COAT), & AGGREGATE SURFACE COURSE

DESCRIPTION	STATION	EXIST TYPE	fr. E. O. P.	WIDTH	THICKNESS	EXIST WIDTH	ENTR.				SIDE RD		TOTAL	BIT MATLS TACK CT	AGG SURF CSE TY B		
							Exist AGG		Exist BIT		AREA	TOTAL				AREA	TOTAL
							AREA	TOTAL	AREA	TOTAL							
(FOOT)	(FOOT)	(INCH)	(FOOT)	(SQ FT)	(TON)	(SQ FT)	(TON)	(SQ FT)	(TON)	(TON)	(POUND)	(TON)					
[F.A.P. 506 (IL 96)]		-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LIMITS OF IMPROVEMENT:	10+60.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SECTION BEGINS	10+75.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
BRIDGE REPAIR (SN: 001-0052)	12+80.50 TO 15+79.57	TO	BEAR CREEK			-	-	-	-	-	-	-	-	-	-		
HMA P.E. (w/ MBT) (leading)	24+33	RT	BIT.	7	67	2.25 to 1.5	26	-	-	556.50	6.49	-	-	6.49	27.83	2.58	
TR 77 (E 740th St.)	48+85.00	LT	BIT.	9	70	2.25 to 1.5	58	-	-	-	-	711.00	8.30	8.30	35.55	3.64	
AGG. P.E. (w/ MBT) (leading)	49+09.00	RT	AGG	7	42	3.5	12	381.50	8.31	-	-	-	-	8.31	-	1.52	
(STA EQN)	57+10.45 (BK)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	270+22.19 (AH)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TR 69 (N 2650th Ave.)	272+85.43	RT	BIT.	9	48	2.25 to 1.5	-	-	-	-	-	513.00	5.99	5.99	25.65	-	
HMA P.E.	277+02	RT	BIT.	7	26	2.25 to 1.5	12	-	-	231.00	2.70	-	-	2.70	11.55	1.26	
AGG. P.E.	278+18	LT	AGG	7	38	3.5	24	315.00	6.86	-	-	-	-	6.86	-	2.06	
HMA P.E. (w/ MBT) (trailing)	278+31	RT	BIT.	7	48	2.25 to 1.5	12	-	-	423.50	4.94	-	-	4.94	21.18	1.52	
HMA. MBT	281+95	RT	BIT.	7	20	2.25 to 1.5	-	-	-	294.00	3.43	-	-	3.43	14.70	-	
HMA P.E.	282+43	LT	BIT.	7	44	2.25 to 1.5	30	-	-	357.00	4.17	-	-	4.17	17.85	2.46	
HMA P.E. (w/ MBT) (trailing)	283+64	RT	BIT.	7	46	2.25 to 1.5	-	-	-	437.50	5.10	-	-	5.10	21.88	-	
BRIDGE REPAIR (SN: 001-0074)	295+50.94 TO 296+84.17	TO	WHITE OAK CREEK			-	-	-	-	-	-	-	-	-	-	-	
HMA P.E.	299+30	LT	BIT.	7	28	2.25 to 1.5	14	-	-	245.00	2.86	-	-	2.86	12.25	1.40	
HMA MBT.	299+42	RT	BIT.	7	20	2.25 to 1.5	-	-	-	294.00	3.43	-	-	3.43	14.70	-	
TR 55 (N 2700th Ave.)	302+39.21	LT	BIT.	9	44	2.25 to 1.5	32	-	-	-	-	477.00	5.57	5.57	23.85	2.16	
HMA P.E.	307+83	LT	BIT.	7	34	2.25 to 1.5	20	-	-	287.00	3.35	-	-	3.35	14.35	1.79	
HMA MBT	308+16	RT	BIT.	7	20	2.25 to 1.5	-	-	-	294.00	3.43	-	-	3.43	14.70	-	
HMA P.E. (w/ MBT) (leading)	318+10	RT	BIT.	7	46	2.25 to 1.5	16	-	-	409.50	4.78	-	-	4.78	20.48	1.82	
AGG. P.E.	318+25	LT	AGG	7	34	3.5	20	287.00	6.25	-	-	-	-	6.25	-	1.79	
AGG. P.E.	319+81	LT	AGG	7	30	3.5	16	259.00	5.64	-	-	-	-	5.64	-	1.53	
HMA P.E.	320+12	RT	BIT.	7	38	2.25 to 1.5	24	-	-	315.00	3.68	-	-	3.68	15.75	2.06	
HMA P.E.	327+40	LT	BIT.	7	34	2.25 to 1.5	-	-	-	287.00	3.35	-	-	3.35	14.35	-	
HMA MBT	327+47	RT	BIT.	7	20	2.25 to 1.5	-	-	-	294.00	3.43	-	-	3.43	14.70	-	
TR 45 (N 2750th Pl.) (Agg.)	329+94.00	RT	AGG.	9	34	8	22	-	-	-	-	387.00	19.26	19.26	19.35	1.59	
HMA P.E.	338+07.00	LT	BIT.	7	34	2.25 to 1.5	20	-	-	287.00	3.35	-	-	3.35	14.35	1.79	
HMA MBT	339+06.00	RT	BIT.	7	20	2.25 to 1.5	-	-	-	294.00	3.43	-	-	3.43	14.70	-	
HMA P.E.	339+56.00	LT	BIT.	7	26	2.25 to 1.5	12	-	-	231.00	2.70	-	-	2.70	11.55	1.26	
HMA P.E. (w/ MBT) (trailing)	344+35.00	RT	BIT.	7	48	2.25 to 1.5	18	-	-	451.50	5.27	-	-	5.27	22.58	1.97	
HMA P.E.	348+70.00	LT	BIT.	7	46	2.25 to 1.5	32	-	-	371.00	4.33	-	-	4.33	18.55	2.59	
HMA MBT	348+76.00	RT	BIT.	7	20	2.25 to 1.5	-	-	-	294.00	3.43	-	-	3.43	14.70	-	
CH 1 (N 2800th Ave.)	356+79.09	RT	BIT.	9	54	2.25 to 1.5	-	-	-	-	-	567.00	6.62	6.62	28.35	-	
HMA P.E.	357+63	LT	BIT.	7	12	2.25 to 1.5	-	-	-	133.00	1.55	-	-	1.55	6.65	0.80	
AGG. P.E. (w/ MBT) (trailing)	358+78	RT	BIT.	7	52	3.5	16	479.50	10.44	-	-	-	-	10.44	-	1.82	
HMA MBT	362+23	RT	BIT.	7	20	2.25 to 1.5	-	-	-	294.00	3.43	-	-	3.43	14.70	-	
HMA P.E.	362+40	LT	BIT.	7	36	2.25 to 1.5	22	-	-	301.00	3.51	-	-	3.51	15.05	1.93	
HMA P.E.	365+15	LT	BIT.	7	36	2.25 to 1.5	22	-	-	301.00	3.51	-	-	3.51	15.05	1.93	
HMA MBT	365+24	RT	BIT.	7	20	2.25 to 1.5	-	-	-	294.00	3.43	-	-	3.43	14.70	-	
HMA P.E.	369+57	LT	BIT.	7	31	2.25 to 1.5	17	-	-	266.00	3.10	-	-	3.10	13.30	1.59	
HMA P.E.	370+68	LT	BIT.	7	41	2.25 to 1.5	-	-	-	336.00	3.92	-	-	3.92	16.80	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SUBTOTALS										37.50	8,578.50	100.08	2,655.00	45.72	183.31	561.68	44.88

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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NTS SHEET 5 OF 10 SHEETS STA. 10+60.00 TO STA. 370+68.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	14
CONTRACT NO. 72C29				
ILLINOIS FED. AID PROJECT				

INCIDENTAL HOT-MIX ASPHALT SURFACING, BITUMINOUS MATERIALS (TACK COAT), & AGGREGATE SURFACE COURSE (cont.)

DESCRIPTION	STATION	EXIST TYPE	fr. E. O. P.	WIDTH	THICKNESS	EXIST WIDTH	ENTR.				SIDE RD		TOTAL	BIT MATLS TACK CT	AGG SURF CSE TY B		
							Exist AGG		Exist BIT		AREA	TOTAL				AREA	TOTAL
							AREA	TOTAL	AREA	TOTAL							
							(SQ FT)	(TON)	(SQ FT)	(TON)	(SQ FT)	(TON)				(TON)	(TON)
[F.A.P. 506 (IL 96)] (cont.)		-	-	-	-	-	-	-	-	-	-	-	-	-	-		
STREET "A"	377+25.50	RT	BIT.	(Measured Using CADD)	2.25 to 1.5	-	-	-	-	526.33	6.14	6.14	26.32	-			
CH 41 (W. Meyer Rd.) (N 2850th Ave.)	382+79.29	LT	BIT.	(Measured Using CADD)	2.25 to 1.5	-	-	-	-	2,408.64	28.10	28.10	120.43	-			
CH 21 (Turtle St.) (N 2850th Ave.)	385+43.38	RT	BIT.	(Measured Using CADD)	2.25 to 1.5	-	-	-	-	1,236.09	14.42	14.42	61.80	-			
W. Jefferson St.	394+00.00	LT	BIT.	(Measured Using CADD)	2.25 to 1.5	-	-	-	-	999.64	11.66	11.66	49.98	-			
W. Main St.	397+39.59	LT	BIT.	(Measured Using CADD)	2.25 to 1.5	-	-	-	-	1,029.63	12.01	12.01	51.48	-			
PCC C.E.	411+19	RT	PCC	-	-	-	-	-	-	-	-	-	-	-			
HMA P.E.	412+47	LT	BIT.	7	29	2.25 to 1.5	15	-	-	252.00	2.94	-	2.94	12.60	1.46		
HMA MBT	414+32	RT	BIT.	7	20	2.25 to 1.5	-	-	-	294.00	3.43	-	3.43	14.70	-		
HMA P.E.	414+39	LT	BIT.	7	26	2.25 to 1.5	-	-	-	231.00	2.70	-	2.70	11.55	-		
HMA P.E.	415+91	LT	BIT.	7	22	2.25 to 1.5	-	-	-	203.00	2.37	-	2.37	10.15	-		
HMA MBT	416+07	RT	BIT.	7	20	2.25 to 1.5	-	-	-	294.00	3.43	-	3.43	14.70	-		
HMA P.E. (w/ MBT) (leading)	426+06	RT	BIT.	7	44	2.25 to 1.5	14	-	-	395.50	4.61	-	4.61	19.78	1.67		
HMA P.E.	426+80	LT	BIT.	7	46	2.25 to 1.5	32	-	-	371.00	4.33	-	4.33	18.55	-		
HMA MBT	435+14	RT	BIT.	7	20	2.25 to 1.5	-	-	-	294.00	3.43	-	3.43	14.70	-		
HMA P.E.	435+29	LT	BIT.	7	34	2.25 to 1.5	20	-	-	287.00	3.35	-	3.35	14.35	1.79		
HMA MBT	437+86	RT	BIT.	7	20	2.25 to 1.5	-	-	-	294.00	3.43	-	3.43	14.70	-		
HMA P.E.	438+14	LT	BIT.	7	34	2.25 to 1.5	20	-	-	287.00	3.35	-	3.35	14.35	1.79		
HMA P.E. (w/ MBT) (leading)	443+69	RT	BIT.	7	50	2.25 to 1.5	20	-	-	437.50	5.10	-	5.10	21.88	2.13		
TR 3 (N 3000th Ave.)	465+62.35	LT	BIT.	9	77	2.25 to 1.5	-	-	-	774.00	9.03	9.03	38.70	-			
TR 3 (N 3000th Ave.)	465+84.89	RT	AGG.	9	69	8	57	-	-	702.00	34.94	34.94	35.10	3.59			
SECTION ENDS	465+75.00	-	-	-	-	-	-	-	-	-	-	-	-	-			
LIMITS OF IMPROVEMENT:	465+90.00	-	-	-	-	-	-	-	-	-	-	-	-	-			
SUBTOTALS								0.00	3,640.00	42.47	7,676.33	116.31	158.78	565.82	12.43		
PROJECT TOTAL (3P)								37.50	12,218.50	142.55	10,331.33	162.04	342	1,128	58		

**
SEE NOTE

DRIVEWAY PAVEMENT REMOVAL

DESCRIPTION	STATION	INNER EDGE	OUTER EDGE	EXIST. WIDTH	TOTAL
		(FOOT)	(FOOT)	(FOOT)	(SQ YD)
[F.A.P. 506 (IL 96)]		-	-	-	-
AGG. P.E. (w/ MBT) (trailing)	358+78 RT	57.2	28.9	6	28.70
PROJECT TOTAL (3P)					29

** NOTE: (fr PAVEMENT SCHEDULE = 49,035 LBS)
(REFER TO SHEET 12)

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USER NAME = cabrerars	DESIGNED - RSC	REVISED -
	DRAWN - RSC	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS SHEET 6 OF 10 SHEETS STA. 377+25.00 TO STA. 465+90.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	15
CONTRACT NO. 72C29				
ILLINOIS FED. AID PROJECT				

REMOVING INLETS

LOCATION	QUANTITY (EACH)
[F.A.P. 506 (IL 96)]	-
Turtle St. Intrscn / NE Quad	1
PROJECT TOTAL (3P)	1

STORM SEWER REMOVAL, 12"

LOCATION	QUANTITY (FOOT)
[F.A.P. 506 (IL 96)]	-
Turtle St. Intrscn / NE Quad	32.0
PROJECT TOTAL (3P)	32

FRAME AND GRATES TO BE ADJUSTED

LOCATION	QUANTITY (EACH)
[F.A.P. 506 (IL 96)]	-
W. Main St. Intrscn / NW Quad	1
PROJECT TOTAL (3P)	1

HANDICAP RAMP SCHEDULE

LOCATION (HANDICAP RAMPS)	SIDEWALK REMOVAL	CC&G REMOVAL	DETECTABLE WARNINGS	PCC SIDEWALK 4 INCH	COMB CC&G TB6. 24
	(SQ FT)	(FOOT)	(SQ FT)	(SQ FT)	(FOOT)
[F.A.P. 506 (IL 96)]	-	-	-	-	-
(LIMA)	-	-	-	-	-
(STREET "A" - STA 377+25.50 RT)	-	-	-	-	-
NE QUAD	112.45	13.62	10	143.83	13.62
(N 2850th AVE. / W. MEYER RD.)	-	-	-	-	-
(STA 382+79.29 LT)	-	-	-	-	-
SW QUAD	100.19	19.98	12.48	125.61	19.98
NW QUAD	166.17	18.51	10	193.18	18.51
(N 2850th AVE. / TURTLE ST.)	-	-	-	-	-
(STA 385+43.38 RT)	-	-	-	-	-
SE QUAD	254.72	21.50	15.43	368.32	21.50
NE QUAD	409.25	40.00	13.15	517.98	40.00
(W. JEFFERSON ST. - STA 394+00.00 LT)	-	-	-	-	-
SW QUAD	72.02	14.18	10	80.49	14.18
NW QUAD	84.71	17.75	10	87.23	17.75
(W. MAIN ST. / STA 397+39.59 LT)	-	-	-	-	-
SW QUAD	176.93	32.41	20	218.12	32.41
NW QUAD	122.54	33.51	18	124.19	33.51
PROJECT TOTAL	1,499	212	119	1,859	212

TEMPORARY GUARDRAIL SCHEDULE

LOCATION	LENGTH	TEMP TRBT T1 SPL TAN	TEMP SPBGR TA	TEMP TRBT T1 SPL FLAR
	(FOOT)	(EACH)	(FOOT)	(EACH)
[F.A.P. 506 (IL 96)]	-	-	-	-
346+60.00 TO 347+10.00 LT	50.0	1	-	-
347+10.00 TO 348+22.50 LT	112.5	-	112.5	-
348+22.50 TO 348+72.50 LT	50.0	-	-	1
PROJECT TOTAL (SN 001-7039)	-	1	112.5	1

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USER NAME = cabrerars	DESIGNED - RSC	REVISED -
	DRAWN - RSC	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS SHEET 7 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	16
				CONTRACT NO. 72C29
ILLINOIS FED. AID PROJECT				

GUARDRAIL SCHEDULE

LOCATION	LENGTH (FOOT)	GUARDRAIL REMOV (FOOT)	TR BAR TRM T1 SPL TAN (EACH)	SPBGR TY B 6FT POSTS (FOOT)	TR BAR TRM T6 (EACH)
[F. A. P. 506 (IL 96)]	-	-	-	-	-
10+27.00 TO 12+82.00 RT	255.00	255.00	-	-	-
10+78.75 TO 11+28.75 RT	50.00	-	1	-	-
11+28.75 TO 12+28.75 RT	100.00	-	-	100.00	-
11+41.25 TO 11+91.25 LT	50.00	-	1	-	-
11+42.80 TO 12+82.00 LT	139.20	139.20	-	-	-
11+91.25 TO 12+28.75 LT	37.50	-	-	37.50	-
12+28.75 TO 12+68.15	39.40	-	-	-	2
(BRIDGE REPAIR) (SN: 001-0052) (BEAR CREEK) 12+80.50 TO 15+79.57					
15+78.00 TO 17+19.00 RT	141.00	141.00	-	-	-
15+78.00 TO 18+12.70 LT	234.70	234.70	-	-	-
15+91.85 TO 16+31.25	39.40	-	-	-	2
16+31.25 TO 16+68.75 RT	37.50	-	-	37.50	-
16+31.25 TO 17+68.75 LT	137.50	-	-	137.50	-
16+68.75 TO 17+18.75 RT	50.00	-	1	-	-
17+68.75 TO 18+18.75 LT	50.00	-	1	-	-
(Subtotal SN: 001-0052)	-	769.90	4	312.50	4
(STA EQN) 57+10.45 (BK) = 270+22.19 (AH)					
292+83.00 TO 293+33.00 LT	50.00	-	1	-	-
292+87.90 TO 295+80.75 LT	292.85	292.85	-	-	-
293+33.00 TO 295+33.00 LT	200.00	-	-	200.00	-
293+58.00 TO 294+08.00 RT	50.00	-	1	-	-
293+63.70 TO 295+80.75 RT	217.05	217.05	-	-	-
294+08.00 TO 295+33.00 RT	125.00	-	-	125.00	-
295+33.00 TO 295+72.40	39.40	-	-	-	2
(BRIDGE REPAIR) (SN: 001-0074) (WHITE OAK CREEK) 295+50.94 TO 296+84.17					
296+59.25 TO 298+04.90 RT	145.65	145.65	-	-	-
296+59.25 TO 298+32.70 LT	173.45	173.45	-	-	-
296+67.60 TO 297+07.00	39.40	-	-	-	2
297+07.00 TO 297+57.00 RT	50.00	-	-	50.00	-
297+07.00 TO 297+82.00 LT	75.00	-	-	75.00	-
297+57.00 TO 298+07.00 RT	50.00	-	1	-	-
297+82.00 TO 298+32.00 LT	50.00	-	1	-	-
(Subtotal SN: 001-0074)	-	829.00	4	450.00	4
PROJECT TOTAL		1,599	8	762.5	8

TEMPORARY CONCRETE BARRIER

LOCATION	DESCRIPTION	QUANTITY (FOOT)
[F. A. P. 506 (IL 96)]		-
(SN: 001-0052) (BEAR CREEK)		-
11+61.25 TO 12+48.75	(TAPER)	87.50
12+48.75 TO 12+78.50	(Straight Barrier Begins)	362.50
12+78.50 TO 14+30.00	(25' MIN)	
14+30.00 TO 15+81.50	Bk. of S. Abut. CL (STRAIGHT)	
15+81.50 TO 16+11.25	Bk. of N. Abut. (25' MIN)	
16+11.25 TO 16+98.75	(Straight Barrier Ends) (TAPER)	
PROJECT TOTAL (SN 001-0052)		537.5

GUARDRAIL REFLECTORS, TYPE A

LOCATION	LENGTH (FOOT)	QUANTITY (EACH)
[F. A. P. 506 (IL 96)]	-	-
10+78.75 TO 12+68.15 RT	189.40	2
11+41.25 TO 12+68.15 LT	126.90	2
(BRIDGE REPAIR) (SN: 001-0052) (BEAR CREEK) 12+80.50 TO 15+79.57		
15+91.85 TO 17+18.75 RT	126.90	2
15+91.85 TO 18+18.75 LT	226.90	3
(Subtotal SN: 001-0052)		9
(STA EQN) 57+10.45 (BK) = 270+22.19 (AH)		
292+83.00 TO 295+72.40 LT	289.40	4
293+58.00 TO 295+72.40 RT	214.40	3
(BRIDGE REPAIR) (SN: 001-0074) (WHITE OAK CREEK) 295+50.94 TO 296+84.17		
296+67.60 TO 298+07.00 RT	139.40	2
296+67.60 TO 298+32.00 LT	164.40	2
(Subtotal SN: 001-0074)		11
PROJECT TOTAL		20

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PLOT DATE = 3/17/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS SHEET 8 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	17
				CONTRACT NO. 72C29
				ILLINOIS FED. AID PROJECT

TERMINAL MARKER
- DIRECT APPLIED

LOCATION	QUANTITY (EACH)
	-
[F.A.P. 506 (IL 96)]	-
10+78.75 RT	1
11+41.25 LT	1
(BRIDGE REPAIR) (SN: 001-0052) (BEAR CREEK) 12+80.50 TO 15+79.57	
17+18.75 RT	1
18+18.75 LT	1
(Subtotal SN: 001-0052)	4
(STA EQN) 57+10.45 (BK) = 270+22.19 (AH)	
292+83.00 LT	1
293+58.00 RT	1
(BRIDGE REPAIR) (SN: 001-0074) (WHITE OAK CREEK) 295+50.94 TO 296+84.17	
298+07.00 RT	1
298+32.00 LT	1
(Subtotal SN: 001-0074)	4
PROJECT TOTAL	8

PAVEMENT MARKING
REMOVAL - GRINDING

LOCATION	QUANTITY (SQ FT)
	-
[F.A.P. 506 (IL 96)]	-
(SN: 001-0052) (BEAR CREEK)	-
(Stage I)	-
11+69.75 TO 12+78.50 LT	45.31
12+78.50 TO 15+81.50 LT	126.25
15+81.50 TO 16+90.25 LT	45.31
(Subtotal Stage I)	216.88
	-
(Stage II)	-
11+62.75 TO 12+78.50 RT	48.23
15+81.50 TO 16+97.25 RT	48.23
(Subtotal Stage II)	96.46
PROJECT TOTAL	314

STONE DUMPED
RIPRAP, CLASS A4

LOCATION	QUANTITY (SQ YD)
	-
[F.A.P. 506 (IL 96)]	-
(SN: 001-0052) (BEAR CREEK)	-
(S. Abut)	173.11
	-
(SN: 001-0074) (WHITE OAK CREEK)	-
(S. Abut)	137.73
	-
(SN: 001-7039) (72" Pipe Culv)	-
Sta 346+89.00 LT (W. End)	-
2 - (10' x 12') & (15' x 25')	68.33
	-
(SN: 001-7038) (8' x 10' Box Culv)	-
Sta 369+06.00 RT	-
(Behind Wingwall)	-
2 - (5' x 10')	11.11
	-
(SN: 001-7038) (3.5' x 3' Box Culv)	-
Sta 458+68.30 (Both Ends)	-
(Behind Wingwalls)	-
4 - (5' x 10')	22.22
	-
PROJECT TOTAL	413

POROUS GRANULAR
EMBANKMENT

LOCATION	QUANTITY (TON)
	-
[F.A.P. 506 (IL 96)]	-
(SN: 001-7039) (72" Pipe Culv)	-
Sta 346+89.00 LT (W. End)	-
(19' - 8" x 10' - 2")	7.59
	-
PROJECT TOTAL (SN: 001-7039)	8

STONE DUMPED
RIPRAP, CLASS A5

LOCATION	QUANTITY (SQ YD)
	-
[F.A.P. 506 (IL 96)]	-
(SN: 001-0052) (BEAR CREEK)	-
(Pier #2) (23' - 6" x 54')	128.00
	-
PROJECT TOTAL	128

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PLOT DATE = 3/20/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS SHEET 9 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	18
				CONTRACT NO. 72C29
		ILLINOIS	FED. AID PROJECT	

PERMANENT SURVEY MARKERS (SPECIAL)

CENTERLINE COORDINATES					QUANT (EACH)
POINT	LOCATION		NORTHING	EASTING	
23	STA EO	P. C. 466+33.30(AH) = P. O. T. 466+34.06(BK)	1288878.790	1958466.884	1
P. T.	P. T.	465+31.02	1288775.984	1958459.892	1
P. C	P. C	455+18.42	1287764.446	1958415.709	1
25	P. O. T.	450+61.73	1287307.842	1958406.853	1
P. T.	P. T.	435+51.67	1285798.069	1958377.570	1
P. C	P. C	425+51.69	1284798.439	1958351.254	1
26	P. I.	422+69.95	1284516.860	1958341.889	1
2	P. I.	390+73.37	1281322.025	1958236.084	1
3	P. I.	369+09.58	1279159.393	1958165.420	1
4	P. I.	358+07.27	1278057.683	1958128.886	1
P. T.	P. T.	323+62.26	1274614.548	1958015.229	1
P. C	P. C	314+94.26	1273762.250	1958149.569	1
37	P. O. T.	309+62.66	1273262.093	1958329.687	1
204	P. I.	296+19.49	1271998.371	1958784.784	1
5/P. T.	STA EO	P. O. T. 270+22.19(AH) = P. T. 57+10.45(BK)	1269555.850	1959667.983	1
P. C.	P. C.	43+48.05	1268445.740	1960431.966	1
P. T.	P. T.	31+51.36	1267663.676	1961337.749	1
P. C.	P. C.	18+26.95	1266460.748	1961684.486	1
53		15+80.97	1266225.364	1961613.052	1
56	P. O. T.	12+79.05	1265936.887	1961523.976	1
PROJECT TOTAL (3P)					20

PROTECTING AND RESETTING SURVEY MARKERS

SECTION CORNERS						TYPE	QUANT (EACH)
POINT#	STATION	OFFSET	NORTHING	EASTING	DESCRIPTION		
1	328+07.79	6.15 LT	1275060.047	1958023.782	E 1/4 COR, SEC13, T2N, R9W, 4th P.M.	1	1
2	329+92.74	5.21 LT	1275244.862	1958030.820	W 1/4 COR, SEC 18, T2N, R8W, 4th P.M.	1	1
3	354+61.23	6.56 RT	1277711.620	1958124.022	S.E. COR, SEC 12, T2N, R9W, 4th P.M.	1	1
4	356+88.29	6.22 RT	1277938.569	1958131.181	S.W. COR, SEC 7, T2N, R8W, 4thP.M.	1	1
5	382+92.93	0.25 RT	1280541.992	1958210.844	E 1/4 COR, SEC 12, T2N, R9W, 4thP.M.	1	1
6	385+17.00	2.17 RT	1280765.882	1958220.085	W 1/4, SEC 7, T2N, R8W, 4thP.M.	1	1
7	411+28.25	3.61 LT	1283375.903	1958300.496	SE COR, SEC 1, T2N, R9W, 4th P.M.	1	1
8	411+33.54	3.67LT	1283381.193	1958300.610	N.W. COR, SEC7, T2N, R8W, 4th P.M.	1	1
9	438+00.25	2.25 RT	1286046.558	1958384.625	E 1/4 COR, SEC 1, T2N, R9W, 4th P.M.	1	1
10	438+05.55	2.34 RT	1286051.851	1958384.831	W 1/4 COR, SEC6, T2N, R8W, 4th P.M.	1	1
11	464+81.41	12.44 RT	1288725.664	1958468.996	S.W. COR, SEC31, T3N, R8W, 4th P.M.	1	1
PROJECT TOTAL (3P)							11

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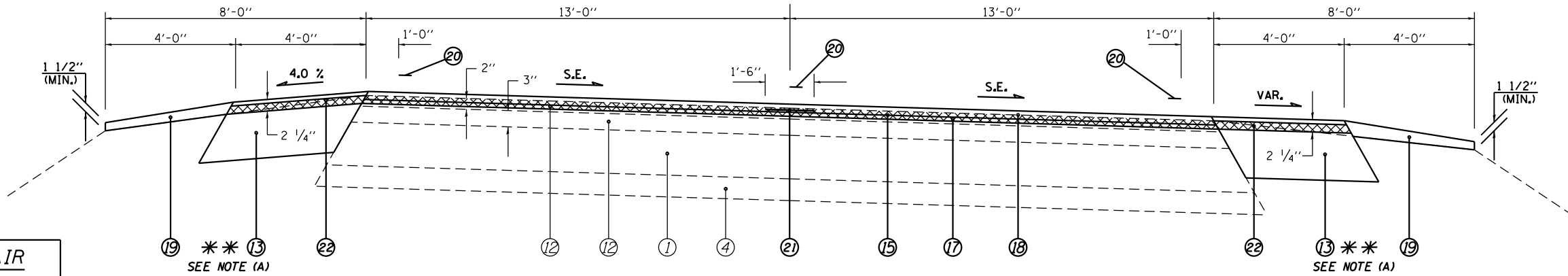
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	19
CONTRACT NO. 72C29				
ILLINOIS FED. AID PROJECT				

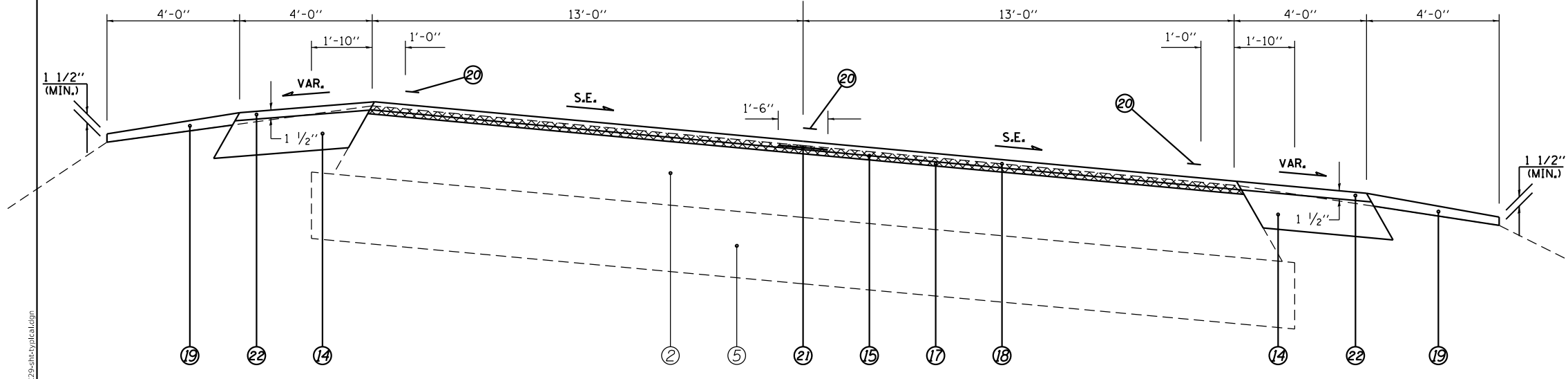
☐ F.A.P. 506 (IL 96)



BRIDGE REPAIR
S.N.: 001-0052
(over BEAR CREEK)
STA 12+80.50 TO
STA 15+79.57

(1) STA 10+75.00 TO STA 12+65.00 [165.0']
(2) STA 15+94.57 TO STA 31+13.24 [1,518.67'] ** SEE NOTE (A)

☐ F.A.P. 506 (IL 96)



(3) STA 31+13.24 TO STA 57+10.45 (BK) [2,597.21']

(STA EQN):
STA 57+10.45 (BK) =
STA 270+22.19 (AH)

LEGEND

- | | |
|--|--|
| ① EXIST. BITUMINOUS BASE COURSE, 8" | ⑬ PROP. HOT-MIX ASPHALT BASE COURSE WIDENING, 10" |
| ② EXIST. BITUMINOUS CONCRETE PAVEMENT, TYPE 2 13" | ⑭ PROP. HOT-MIX ASPHALT SHOULDERS, 6 1/2" (SQ YD) |
| ③ EXIST. PCC PAVEMENT 9"-6"-9" | ⑮ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" |
| ④ EXIST. SUB-BASE GRANULAR MATERIAL, 4" | ⑯ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" |
| ⑤ EXIST. SUB-BASE GRANULAR, TYPE A 12" | ⑰ PROP. LEVELING BINDER (MACHINE METHOD), N50 3/4" |
| ⑥ EXIST. ROCKFILL | ⑱ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50 1 1/2" |
| ⑦ EXIST. BITUMINOUS CONCRETE BINDER COURSE, 13 1/2" & VAR. | ⑲ PROP. AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑧ EXIST. PIPE UNDERDRAINS FABRIC LINED TRENCH 4" | ⑳ PROP. PAINT PAVEMENT MARKING - LINE 5" |
| ⑨ EXIST. BITUMINOUS SHOULDERS, 8" | ㉑ PROP. LONGITUDINAL JOINT SEALANT (INSTALLED BETWEEN LEV BIND & SURF) |
| ⑩ EXIST. CONCRETE GUTTER, TYPE A | ㉒ PROP. HMA SHOULDERS (TONS) |
| ⑪ EXIST. COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24 | |
| ⑫ EXIST. BITUMINOUS OVERLAY | |

** NOTE:
(A) HMA BC WID. 10" ENDS AND HMA SHOULDERS. 6 1/2" BEGINS AT STA. 18+20.00 LT & RT.

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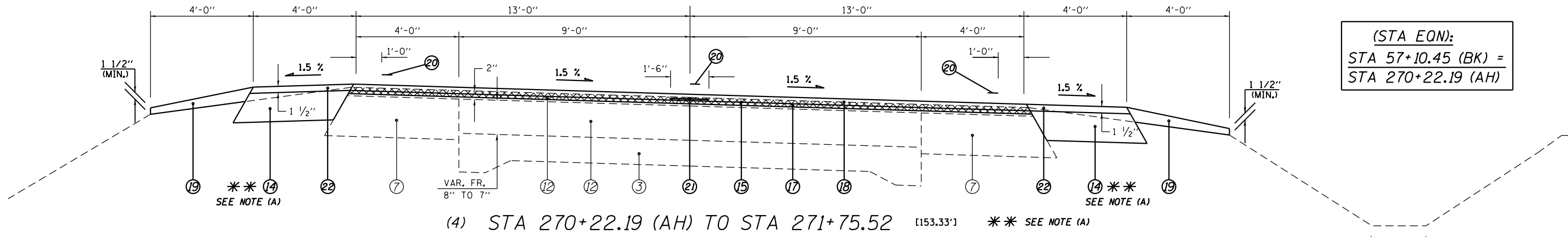
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NTS SHEET 1 OF 6 SHEETS STA. 10+75.00 TO STA. 57+10.45

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	*	ADAMS	59	20
CONTRACT NO. 72C29				

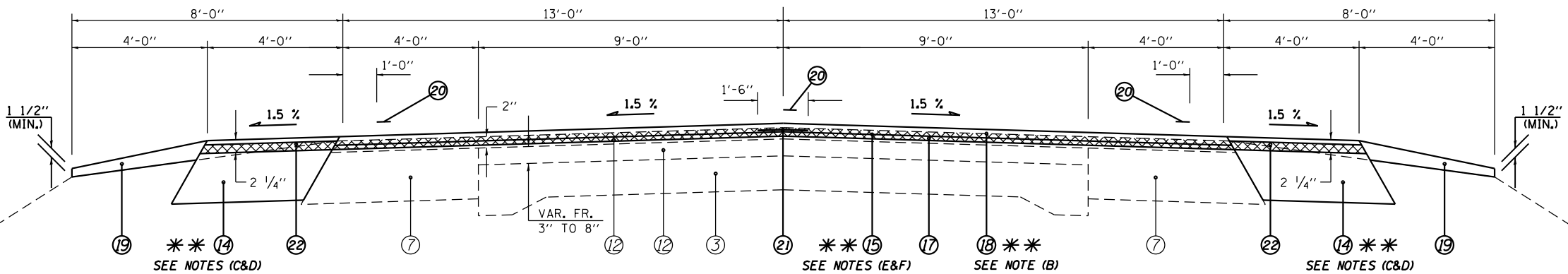
☉ F.A.P. 506 (IL 96)



(STA EQN):
 STA 57+10.45 (BK) =
 STA 270+22.19 (AH)

(4) STA 270+22.19 (AH) TO STA 271+75.52 [153.33'] ** SEE NOTE (A)

☉ F.A.P. 506 (IL 96)



(5) STA 271+75.52 TO STA 295+35.94 [2,360.42'] ** SEE NOTE (C)
 (6) STA 296+99.17 TO STA 347+50.00 [5,050.83'] ** SEE NOTE (D)

BRIDGE REPAIR
 S.N.: 001-0074
 (over WHITE OAK CREEK)
 STA 295+50.94 TO
 STA 296+84.17

LEGEND

- ① EXIST. BITUMINOUS BASE COURSE, 8"
- ② EXIST. BITUMINOUS CONCRETE PAVEMENT, TYPE 2 13"
- ③ EXIST. PCC PAVEMENT 9"-6"-9"
- ④ EXIST. SUB-BASE GRANULAR MATERIAL, 4"
- ⑤ EXIST. SUB-BASE GRANULAR, TYPE A 12"
- ⑥ EXIST. ROCKFILL
- ⑦ EXIST. BITUMINOUS CONCRETE BINDER COURSE, 13 1/2" & VAR.
- ⑧ EXIST. PIPE UNDERDRAINS FABRIC LINED TRENCH 4"
- ⑨ EXIST. BITUMINOUS SHOULDERS, 8"
- ⑩ EXIST. CONCRETE GUTTER, TYPE A
- ⑪ EXIST. COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑫ EXIST. BITUMINOUS OVERLAY
- ⑬ PROP. HOT-MIX ASPHALT BASE COURSE WIDENING, 10"
- ⑭ PROP. HOT-MIX ASPHALT SHOULDERS, 6 1/2" (SQ YD)
- ⑮ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑯ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑰ PROP. LEVELING BINDER (MACHINE METHOD), N50 3/4"
- ⑱ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50 1 1/2"
- ⑲ PROP. AGGREGATE WEDGE SHOULDER, TYPE B
- ⑳ PROP. PAINT PAVEMENT MARKING - LINE 5"
- ㉑ PROP. LONGITUDINAL JOINT SEALANT (INSTALLED BETWEEN LEV BIND & SURF)
- ㉒ PROP. HMA SHOULDERS (TONS)

- ** NOTE:
- (A) HMA SHLDR, 6 1/2" ENDS AT STA. 276+28.00 LT & RT.
 - (B) ROCKFILL LOCATED UNDER APPROACH SLABS
 STA. 281+60.00 TO STA. 286+25.00, LT - STA. 286+40.00, RT
 STA. 291+15.00 TO STA. 295+98.00, RT & LT
 STA. 296+40.00 TO STA. 310+15.00 LT - 310+25.00 RT
 - (C) HMA BC WID, 10" FR. STA. 292+80.00 TO 295+50.94 LT & RT
 - (D) HMA BC WID, 10" FR. STA. 296+84.17 TO 298+35.00 LT & RT

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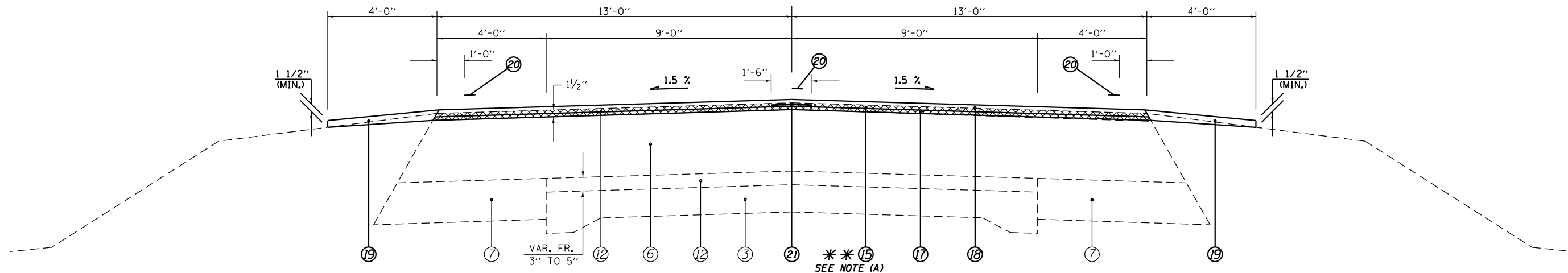
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PLOT DATE = 10/3/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS	
SCALE: NTS	SHEET 2 OF 6 SHEETS
STA. 270+22.19 TO STA. 347+50.00	

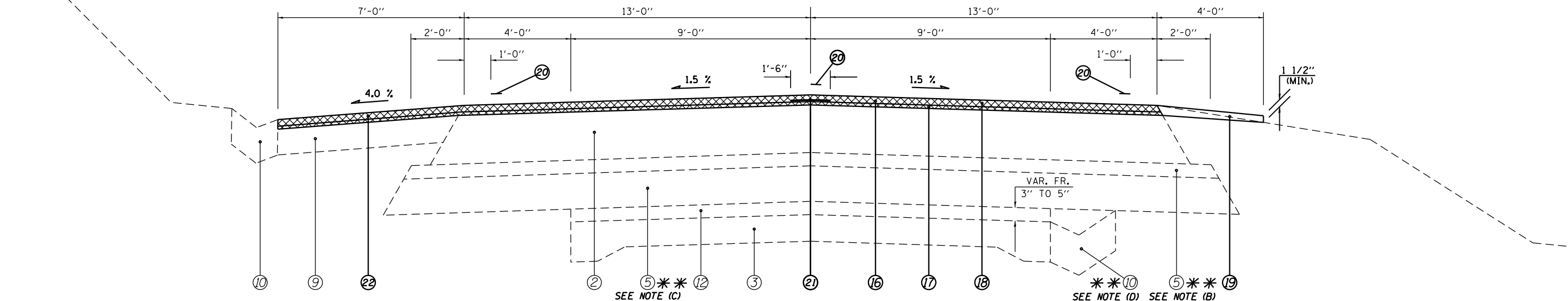
F.A.P. RTE. 506	SECTION *	COUNTY ADAMS	TOTAL SHEETS 59	SHEET NO. 21
CONTRACT NO. 72C29				
ILLINOIS FED. AID PROJECT				

☉ F.A.P. 506 (IL 96)



- (7) STA 347+50.00 TO STA 351+44.20 [394.20'] ** SEE NOTE (A)
- (11) STA 359+25.00 TO STA 360+61.00 [136.00']
- (13) STA 367+32.60 TO STA 370+50.00 [317.40']

☉ F.A.P. 506 (IL 96)



- (8) STA 351+44.20 TO STA 356+40.00 [495.80']

- ** NOTE:**
- (A) MILLING DEPTH VAR. FR. 1 1/2" TO 2 1/4" - FR. STA. 351+29.20 TO 351+44.20.
 - (B) ROCKFILL (C.A. 6)
 - (C) ROCKFILL (PRIMARY CRUSHER RUN)
 - (D) EXIST. GUTTER FR. STA. 349+82.50 TO 356+60.00

LEGEND	
<ul style="list-style-type: none"> ① EXIST. BITUMINOUS BASE COURSE, 8" ② EXIST. BITUMINOUS CONCRETE PAVEMENT, TYPE 2 13" ③ EXIST. PCC PAVEMENT 9"-6"-9" ④ EXIST. SUB-BASE GRANULAR MATERIAL, 4" ⑤ EXIST. SUB-BASE GRANULAR, TYPE A 12" ⑥ EXIST. ROCKFILL ⑦ EXIST. BITUMINOUS CONCRETE BINDER COURSE, 13 1/2" & VAR. ⑧ EXIST. PIPE UNDERDRAINS FABRIC LINED TRENCH 4" ⑨ EXIST. BITUMINOUS SHOULDERS, 8" ⑩ EXIST. CONCRETE GUTTER, TYPE A ⑪ EXIST. COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24 ⑫ EXIST. BITUMINOUS OVERLAY 	<ul style="list-style-type: none"> ⑬ PROP. HOT-MIX ASPHALT BASE COURSE WIDENING, 10" ⑭ PROP. HOT-MIX ASPHALT SHOULDERS, 6 1/2" (SQ YD) ⑮ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" ⑯ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" ⑰ PROP. LEVELING BINDER (MACHINE METHOD), N50 3/4" ⑱ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50 1 1/2" ⑲ PROP. AGGREGATE WEDGE SHOULDER, TYPE B ⑳ PROP. PAINT PAVEMENT MARKING - LINE 5" ㉑ PROP. LONGITUDINAL JOINT SEALANT (INSTALLED BETWEEN LEV BIND & SURF) ㉒ PROP. HMA SHOULDERS (TONS)

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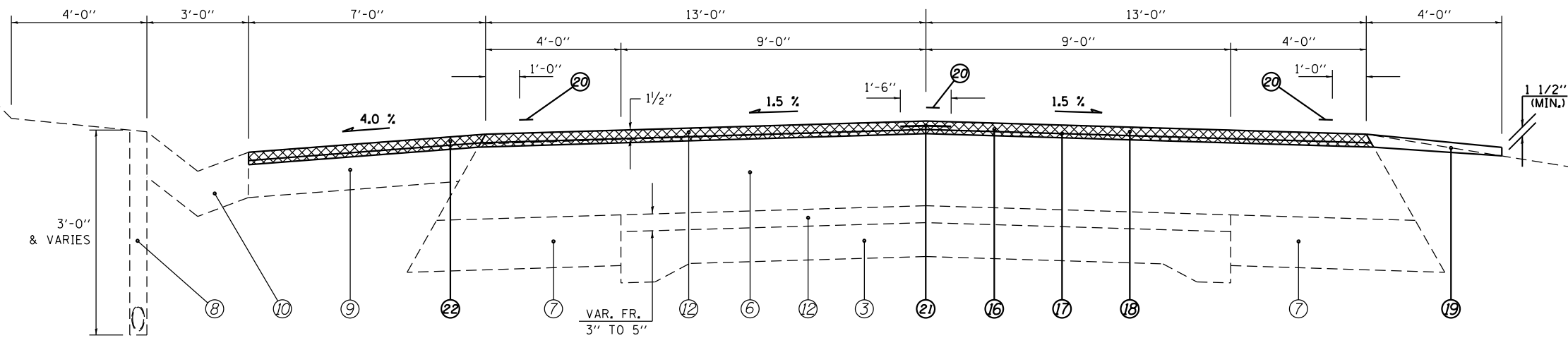
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: NTS SHEET 3 OF 6 SHEETS STA. 347+50.00 TO STA. 370+50.00

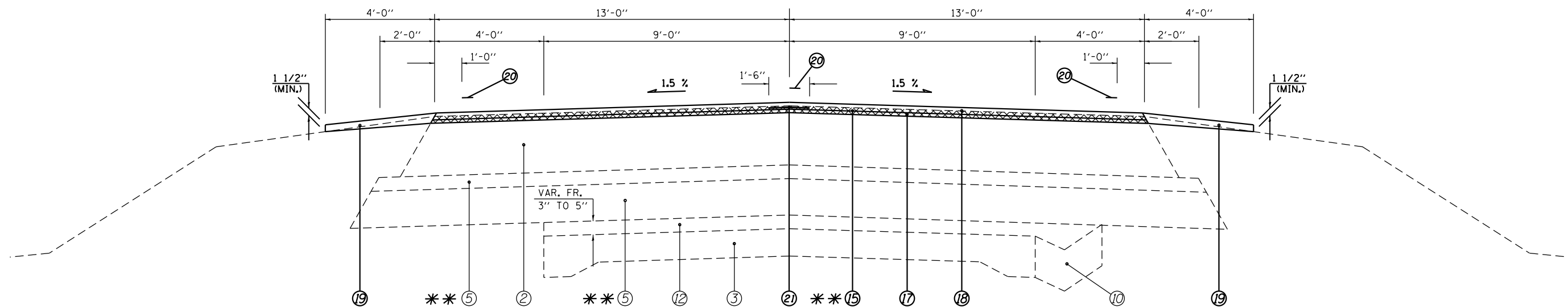
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	*	ADAMS	59	22
CONTRACT NO. 72C29				
ILLINOIS FED. AID PROJECT				

☉ F.A.P. 506 (IL 96)



(9) STA 356+40.00 TO STA 358+62.70 [222.70']

☉ F.A.P. 506 (IL 96)



(10) STA 358+62.70 TO STA 359+25.00 [62.30'] ** SEE NOTE (C)
 (12) STA 360+61.00 TO STA 367+32.60 [671.60']

- ** NOTE:**
- (A) ROCKFILL (C.A. 6)
 - (B) ROCKFILL (PRIMARY CRUSHER RUN)
 - (C) MILLING DEPTH VAR. FR. 2 1/4" TO 1 1/2" - FR. STA. 358+62.70 TO 358+77.70.

LEGEND

- | | |
|--|---|
| <ul style="list-style-type: none"> ① EXIST. BITUMINOUS BASE COURSE, 8" ② EXIST. BITUMINOUS CONCRETE PAVEMENT, TYPE 2 13" ③ EXIST. PCC PAVEMENT 9"-6"-9" ④ EXIST. SUB-BASE GRANULAR MATERIAL, 4" ⑤ EXIST. SUB-BASE GRANULAR, TYPE A 12" ⑥ EXIST. ROCKFILL ⑦ EXIST. BITUMINOUS CONCRETE BINDER COURSE, 13 1/2" & VAR. ⑧ EXIST. PIPE UNDERDRAINS FABRIC LINED TRENCH 4" ⑨ EXIST. BITUMINOUS SHOULDERS, 8" ⑩ EXIST. CONCRETE GUTTER, TYPE A ⑪ EXIST. COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24 ⑫ EXIST. BITUMINOUS OVERLAY | <ul style="list-style-type: none"> ⑬ PROP. HOT-MIX ASPHALT BASE COURSE WIDENING, 10" ⑭ PROP. HOT-MIX ASPHALT SHOULDERS, 6 1/2" (SQ YD) ⑮ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" ⑯ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" ⑰ PROP. LEVELING BINDER (MACHINE METHOD), N50 3/4" ⑱ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50 1 1/2" ⑲ PROP. AGGREGATE WEDGE SHOULDER, TYPE B ⑳ PROP. PAINT PAVEMENT MARKING - LINE 5" ㉑ PROP. LONGITUDINAL JOINT SEALANT (INSTALLED BETWEEN LEV BIND & SURF) ㉒ PROP. HMA SHOULDERS (TONS) |
|--|---|

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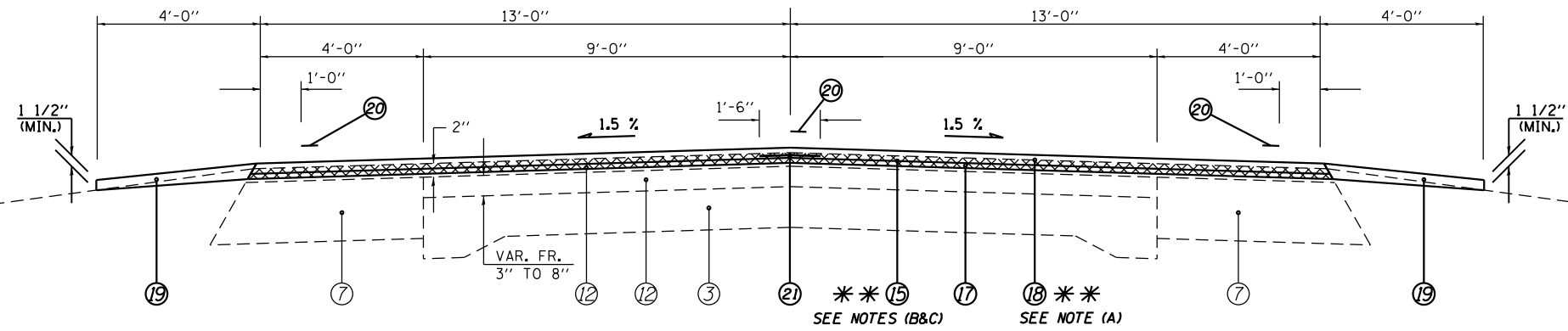
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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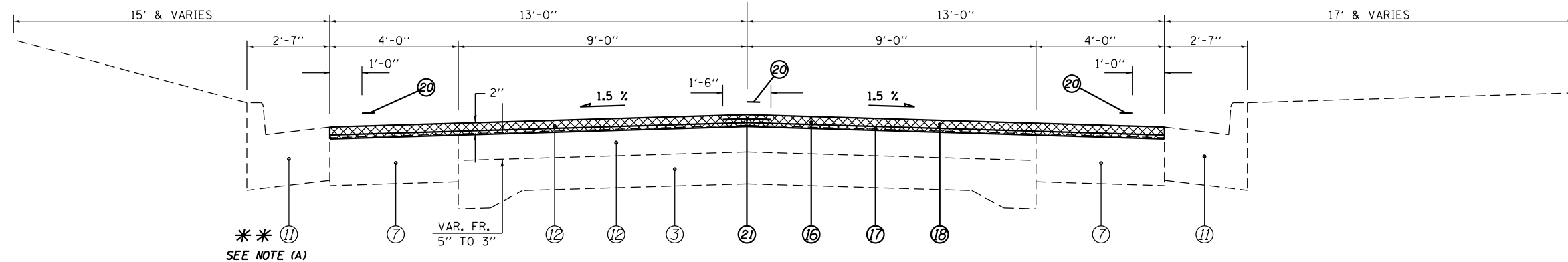
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	*	ADAMS	59	23
CONTRACT NO. 72C29				
ILLINOIS FED. AID PROJECT				

☉ F.A.P. 506 (IL 96)



(14) STA 370+50.00 TO STA 373+11.20 [261.20'] ** SEE NOTE (E)
 (18) STA 411+75.60 TO STA 465+75.00 [5,399.40'] ** SEE NOTE (F)

☉ F.A.P. 506 (IL 96)



(15) STA 373+11.20 TO STA 389+20.70 [1,609.50']

LEGEND

- | | |
|--|--|
| ① EXIST. BITUMINOUS BASE COURSE, 8" | ⑬ PROP. HOT-MIX ASPHALT BASE COURSE WIDENING, 10" |
| ② EXIST. BITUMINOUS CONCRETE PAVEMENT, TYPE 2 13" | ⑭ PROP. HOT-MIX ASPHALT SHOULDERS, 6 1/2" (SQ YD) |
| ③ EXIST. PCC PAVEMENT 9"-6"-9" | ⑮ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" |
| ④ EXIST. SUB-BASE GRANULAR MATERIAL, 4" | ⑯ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" |
| ⑤ EXIST. SUB-BASE GRANULAR, TYPE A 12" | ⑰ PROP. LEVELING BINDER (MACHINE METHOD), N50 3/4" |
| ⑥ EXIST. ROCKFILL | ⑱ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50 1 1/2" |
| ⑦ EXIST. BITUMINOUS CONCRETE BINDER COURSE, 13 1/2" & VAR. | ⑲ PROP. AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑧ EXIST. PIPE UNDERDRAINS FABRIC LINED TRENCH 4" | ⑳ PROP. PAINT PAVEMENT MARKING - LINE 5" |
| ⑨ EXIST. BITUMINOUS SHOULDERS, 8" | ㉑ PROP. LONGITUDINAL JOINT SEALANT (INSTALLED BETWEEN LEV BIND & SURF) |
| ⑩ EXIST. CONCRETE GUTTER, TYPE A | ㉒ PROP. HMA SHOULDERS (TONS) |
| ⑪ EXIST. COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24 | |
| ⑫ EXIST. BITUMINOUS OVERLAY | |

** NOTE:

- (A) ROCKFILL LOCATED UNDER APPROACH SLABS
 STA. 370+50.00 TO 373+40.00 LT & RT
 STA. 444+55.00 TO 447+25.00 LT & RT
- (B) MILLING DEPTH VAR. FR. 1 1/2" TO 2 1/4" -
 FR. STA. 372+96.20 TO 373+11.20.
- (C) MILLING DEPTH VAR. FR. 2 1/4" TO 1 1/2" -
 FR. STA. 411+75.60 TO 411+90.60.
- (D) PROP. HMA & AGGR WEDGE SHLDS & EXIST.
 CC&G BEGIN AT STA. 373+42.90 LT.

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

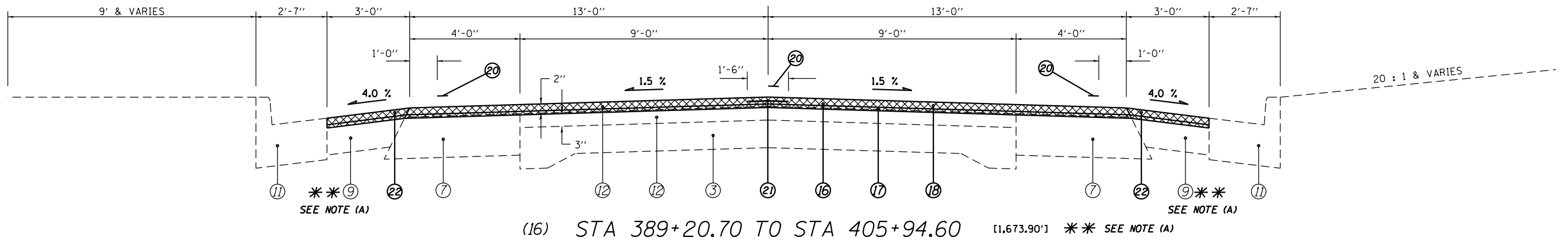
TYPICAL SECTIONS

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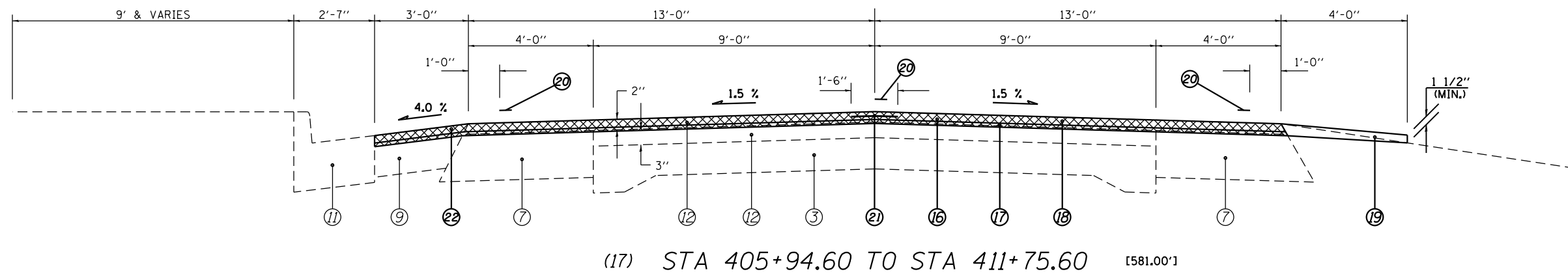
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	*	ADAMS	59	24
CONTRACT NO. 72C29				
ILLINOIS FED. AID PROJECT				

(126)RS-3,BRR,BDR,BJR,SCR

☒ F.A.P. 506 (IL 96)



☒ F.A.P. 506 (IL 96)



** NOTE:
 (A) WIDTH OF EXIST. BIT SHLD VAR. FR. 0' TO 3'-0" FR. STA. 389+20.70 TO 389+82.20 LT & FR. STA. 389+92.80 TO 390+45.80 RT.

LEGEND

- | | |
|--|--|
| ① EXIST. BITUMINOUS BASE COURSE, 8" | ⑬ PROP. HOT-MIX ASPHALT BASE COURSE WIDENING, 10" |
| ② EXIST. BITUMINOUS CONCRETE PAVEMENT, TYPE 2 13" | ⑭ PROP. HOT-MIX ASPHALT SHOULDERS, 6 1/2" (SQ YD) |
| ③ EXIST. PCC PAVEMENT 9"-6"-9" | ⑮ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" |
| ④ EXIST. SUB-BASE GRANULAR MATERIAL, 4" | ⑯ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" |
| ⑤ EXIST. SUB-BASE GRANULAR, TYPE A 12" | ⑰ PROP. LEVELING BINDER (MACHINE METHOD), N50 3/4" |
| ⑥ EXIST. ROCKFILL | ⑱ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50 1 1/2" |
| ⑦ EXIST. BITUMINOUS CONCRETE BINDER COURSE, 13 1/2" & VAR. | ⑲ PROP. AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑧ EXIST. PIPE UNDERDRAINS FABRIC LINED TRENCH 4" | ⑳ PROP. PAINT PAVEMENT MARKING - LINE 5" |
| ⑨ EXIST. BITUMINOUS SHOULDERS, 8" | ㉑ PROP. LONGITUDINAL JOINT SEALANT (INSTALLED BETWEEN LEV BIND & SURF) |
| ⑩ EXIST. CONCRETE GUTTER, TYPE A | ㉒ PROP. HMA SHOULDERS (TONS) |
| ⑪ EXIST. COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24 | |
| ⑫ EXIST. BITUMINOUS OVERLAY | |

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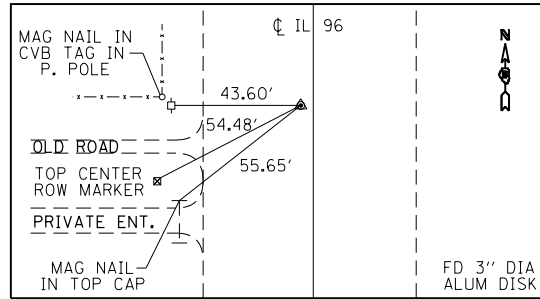
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

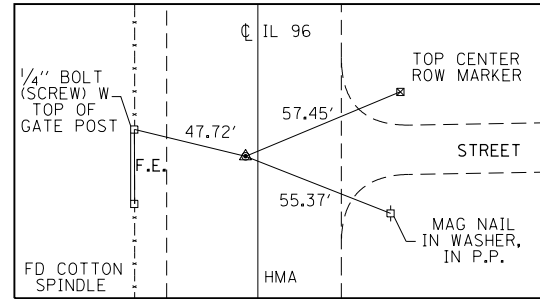
SCALE: NTS SHEET 6 OF 6 SHEETS STA. 389+20.70 TO STA. 411+75.60

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	*	ADAMS	59	25
			CONTRACT NO. 72C29	
			ILLINOIS FED. AID PROJECT	

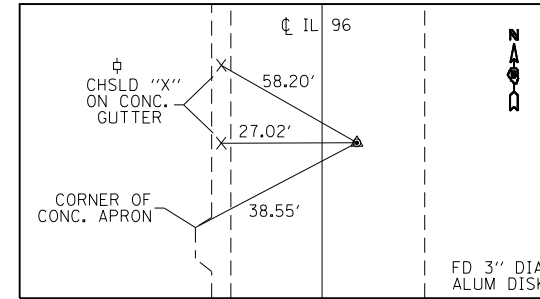
(126)RS-3,BRR,BDR,BJR,SCR



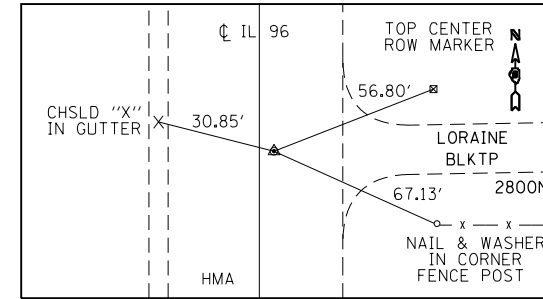
328+07.79, 6.15' LT
E 1/4 CORNER
13-2N-9W OF THE 4TH P.M.



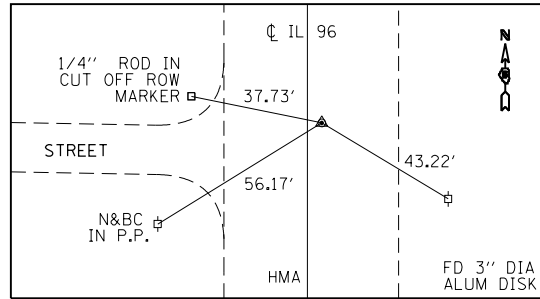
329+92.74, 5.21' LT
W 1/4 SECT. 18 2N 8W
OF THE 4TH P.M.



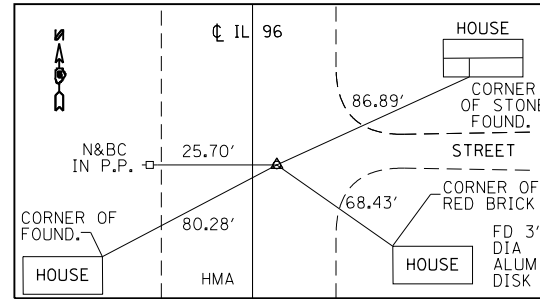
354+61.23, 6.56' RT
S.E. 12-2N-9W
OF THE 4TH P.M.



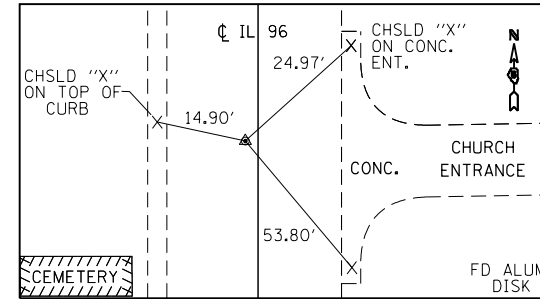
356+88.29, 6.22' RT
S.W. CORNER 7-2-8
OF THE 4TH P.M.



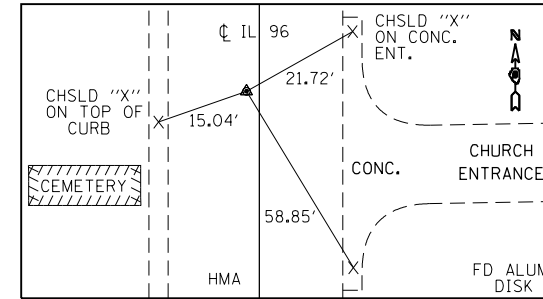
382+92.93, 0.25' RT
E 1/4 12-2-9
OF THE 4TH P.M.



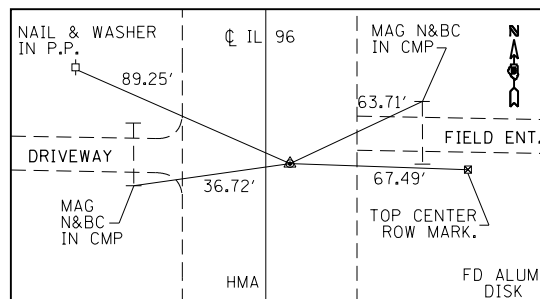
385+17.00, 2.17' RT
W 1/4 7-2-8
OF THE 4TH P.M.



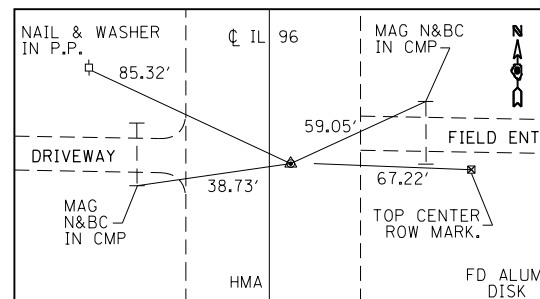
411+28.25, 3.61' LT
S.E. CORNER SECT.
1-2N-9W OF THE 4TH P.M.



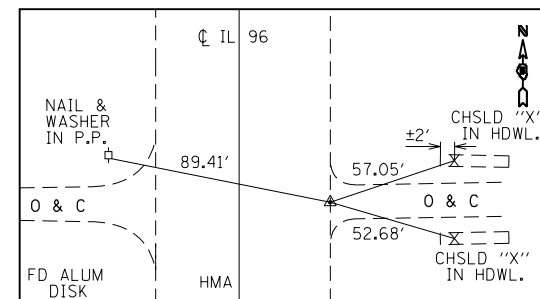
411+33.54, 3.67' LT
N.W. CORNER 7-2N-8W
OF THE 4TH P.M.



438+00.25, 2.25' RT
E 1/4 SECT. 1
2N - 9W OF THE 4TH P.M.



438+05.55, 2.34' RT
W 1/4 CORNER SECT. 6
2N - 8W OF THE 4TH P.M.



464+81.41, 12.44' RT
S.W. CORNER SECT. 31
3N - 8W OF THE 4TH P.M.

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PLOT DATE = 3/15/2018	DATE - 03/12/18	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES, & BENCH MARKS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	26
CONTRACT NO. 72C29				
ILLINOIS FED. AID PROJECT				

LOW SUMMARY / (SN: 001-0074)
 STA 292+95.50 LT
 STA 293+70.50 RT
 STA 297+94.50 RT
 STA 298+19.50 LT

LEGEND

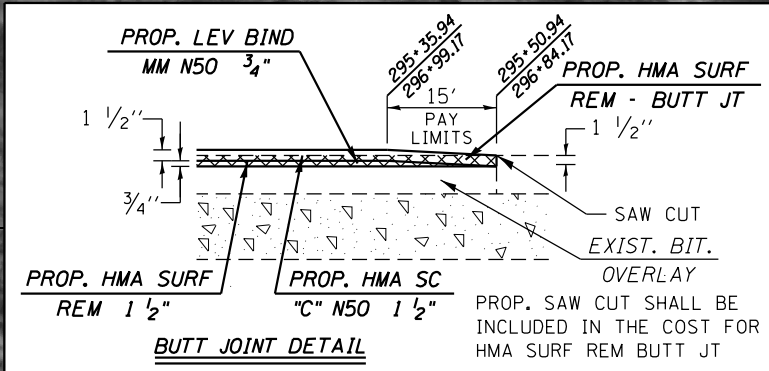
- HMA SURF REM - BUTT JT
- HMA BC WD, 10"
- AGG SURF CSE, TY B

(+35.94) (BRIDGE REPAIR)
 SN: 001-0074
 over WHITE OAK CREEK

LIMITS OF IMPROVEMENT
 STA 296+84.17
 PROP. BUTT JT.

SECTION BEGINS
 STA 296+99.17

LIMITS OF IMPROVEMENT
 STA 295+50.94
 PROP. BUTT JT.



MATCH LINE STA 287+50.00

MATCH LINE STA 302+50.00

MATCH LINE STA 302+50.00

MATCH LINE STA 317+50.00

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DRAWN - RSC	REVISED -	
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PLOT DATE = 10/3/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 50 SHEET 4 OF 12 SHEETS STA. 287+50.00 TO STA. 317+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	*	ADAMS	59	30
CONTRACT NO. 72C29				
ILLINOIS FED. AID PROJECT				

(126)RS-3,BRR,BDR,BJR,SCR

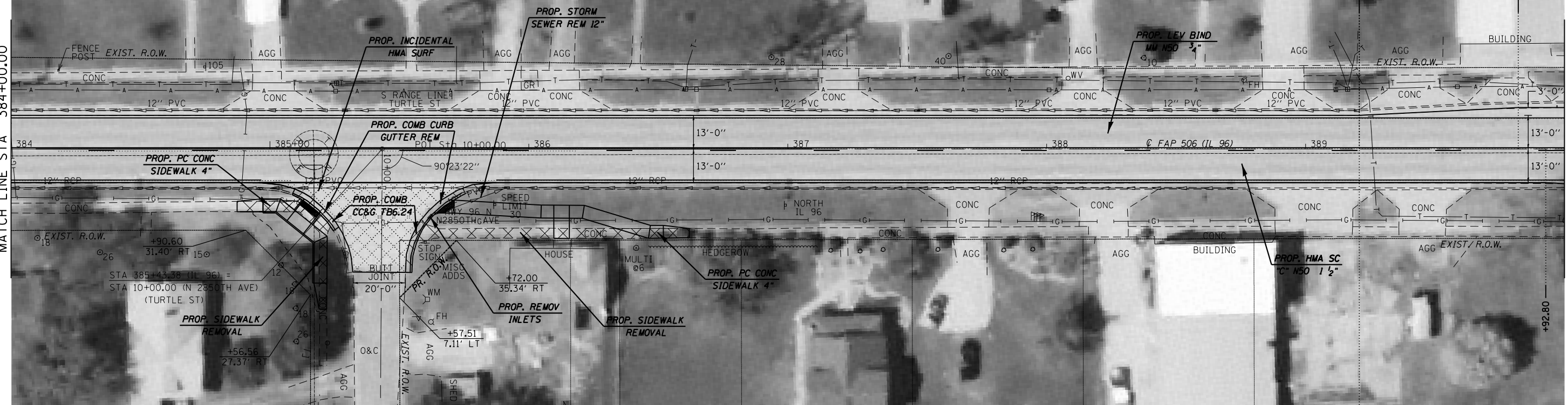
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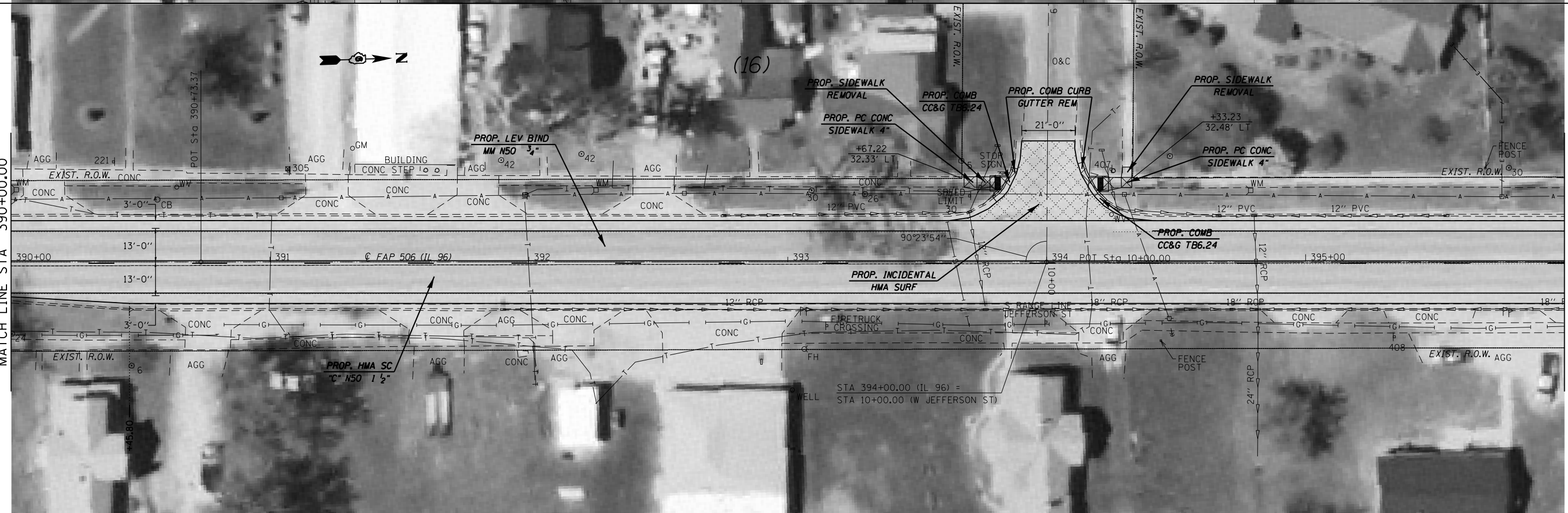
MATCH LINE STA 384+00.00

MATCH LINE STA 390+00.00



MATCH LINE STA 390+00.00

MATCH LINE STA 396+00.00



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PLOT DATE = 10/3/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 20 SHEET 8 OF 12 SHEETS STA. 384+00.00 TO STA. 396+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	*	ADAMS	59	34
CONTRACT NO. 72C29			ILLINOIS FED. AID PROJECT	

(126)RS-3,BRR,BDR,BJR,SCR

(LIMA)

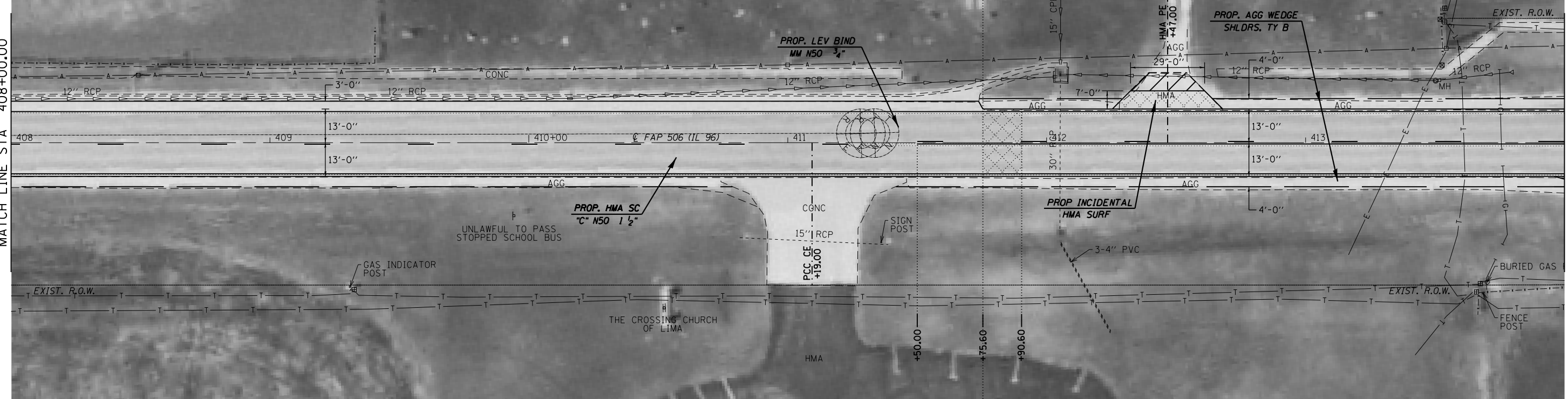
(+75.60)

(17)

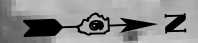
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MATCH LINE STA 408+00.00

MATCH LINE STA 414+00.00

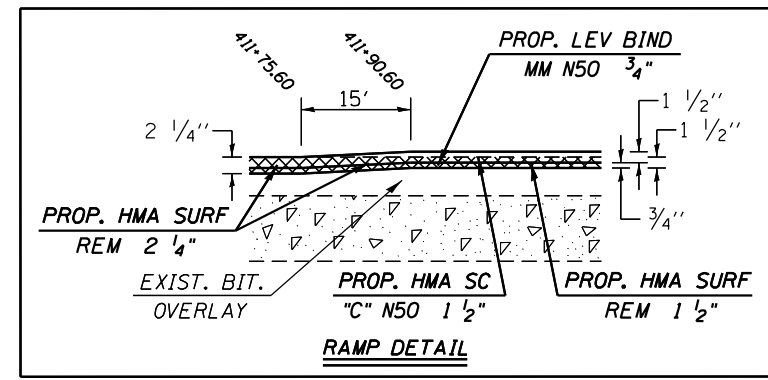
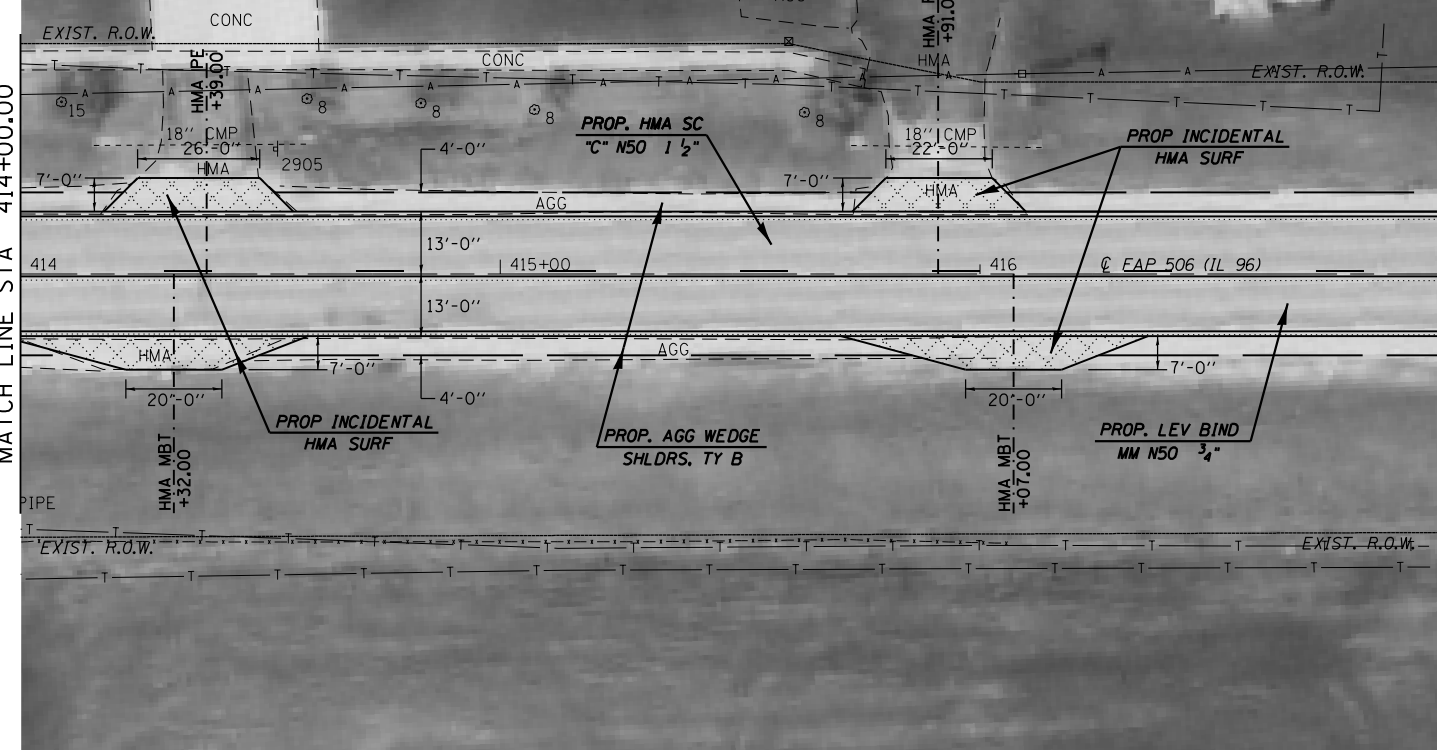


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MATCH LINE STA 414+00.00

MATCH LINE STA 417+00.00



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PLOT DATE = 10/3/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 20 SHEET 10 OF 12 SHEETS STA. 408+00.00 TO STA. 417+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	*	ADAMS	59	36
CONTRACT NO. 72C29				
ILLINOIS FED. AID PROJECT				

(126)RS-3,BRR,BDR,BJR,SCR

(18)

EXIST. CURVE 201
 PI STA. = 430+51.69
 $\Delta = 0^\circ 47' 37''$ (LT)
 $D = 0^\circ 04' 46''$
 $R = 72,184.86'$
 $T = 500.00'$
 $L = 999.98'$
 $E = 1.73'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 P.C. STA. = 425+51.69
 P.T. STA. = 435+51.67

MATCH LINE STA 417+00.00

MATCH LINE STA 432+00.00

MATCH LINE STA 432+00.00

MATCH LINE STA 447+00.00

(18)

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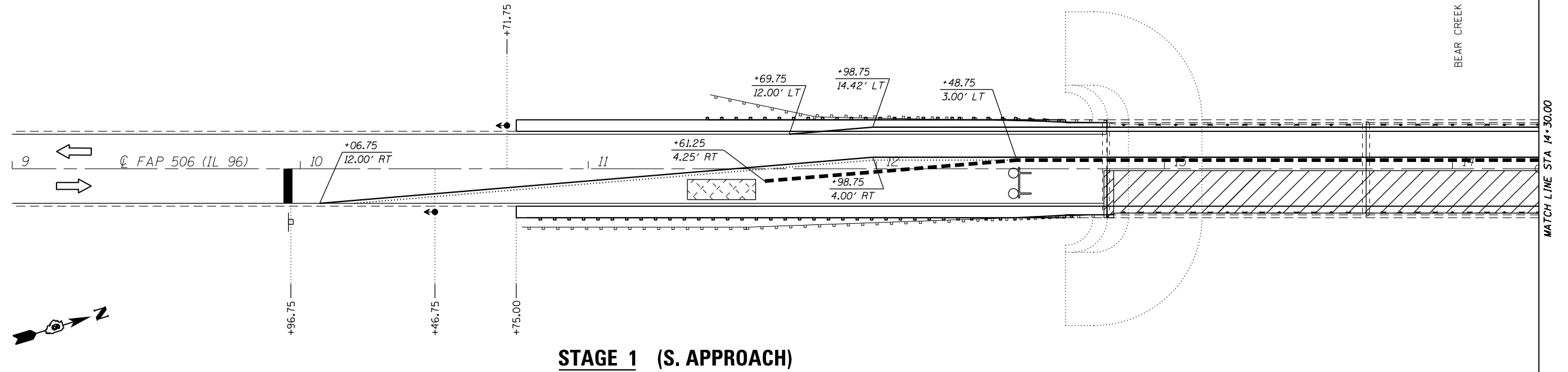
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

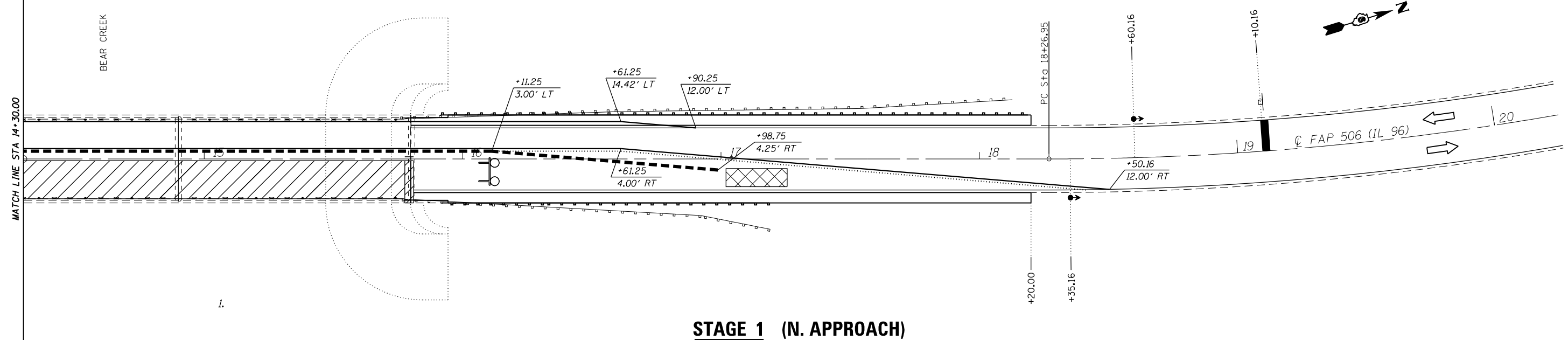
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	*	ADAMS	59	37
CONTRACT NO. 72C29				
ILLINOIS FED. AID PROJECT				

(126)RS-3,BRR,BDR,BJR,SCR





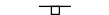




STAGE 1 (S. APPROACH)



STAGE 1 (N. APPROACH)

SYMBOLS

-  WORK AREA
-  TEMPORARY CONCRETE BARRIER
-  DRUM OR TYPE II BARRICADE WITH STEADY BURNING LIGHT
-  IMPACT ATTENUATORS
-  SIGN ON PERMANENT SUPPORT
-  TRAFFIC SIGNAL
-  TYPE III BARRICADE WITH FLASHING LIGHTS

PRELIMINARY STAGE - SEQUENCE OF CONSTRUCTION

1. CONSTRUCT HMA WIDENING UTILIZING TRAFFIC CONTROL STANDARD 701326.
2. PLACE "MAX WIDTH" SIGNING AT THE LOCATIONS SHOWN IN THESE PLANS.
3. SET UP STAGE I TRAFFIC CONTROL UTILIZING THESE PLANS IN CONJUNCTION WITH HIGHWAY STANDARD 701321. PLACE DRUMS, VERTICAL PANELS, AND PAVEMENT MARKINGS (STOP BARS, LANE LINES, ETC.) IN ACCORDANCE TO THESE PLANS.

STAGE I - SEQUENCE OF CONSTRUCTION

PERFORM STAGE I REMOVAL AND PROPOSED CONSTRUCTION FOR THE BEAR CREEK STRUCTURE (S.N. 001-0052).

STAGE II - SEQUENCE OF CONSTRUCTION

FOLLOWING THE COMPLETION OF STAGE I CONSTRUCTION, RELOCATE THE DRUMS, REMOVE STAGE I TEMPORARY PAVEMENT MARKING, AND PLACE STAGE II TEMPORARY PAVEMENT MARKING, ERECT VERTICAL PANELS. PERFORM STAGE 2 REMOVAL AND PROPOSED CONSTRUCTION FOR THE BEAR CREEK STRUCTURE.

STAGE III - SEQUENCE OF CONSTRUCTION

FOLLOWING COMPLETION OF THE PROPOSED CONSTRUCTION WORK FOR THE BEAR CREEK BRIDGE, ROADWAY MILLING AND RESURFACING ON IL 96 SHALL COMMENCE UTILIZING THE APPROPRIATE HIGHWAY STANDARDS FOR TRAFFIC CONTROL.

TRAFFIC CONTROL NOTES:

1. THIS TRAFFIC CONTROL PLAN SHALL BE USED IN CONJUNCTION WITH STANDARD 701321. TEMPORARY RUMBLE STRIPS, TEMPORARY SIGNING, AND TEMPORARY STRIPING SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD 701321 OR AS DIRECTED BY THE ENGINEER.
2. OFFSETS FOR DRUMS OR TYPE II BARRICADES GIVEN IN THIS DETAIL REFER TO THE EDGE NEAREST TO LIVE TRAFFIC.
3. EXTRA FLASHERS AND WARNINGS ARE NEEDED FOR TRAFFIC CONTROL AT NIGHT.
4. THE CONTRACTOR SHALL NOTIFY DISTRICT 6 TRAFFIC SECTION OF THE BUREAU OF OPERATIONS (PH. 217-782-7314) AT LEAST THREE WEEKS PRIOR TO IMPLEMENTING STAGE TRAFFIC CONTROL.

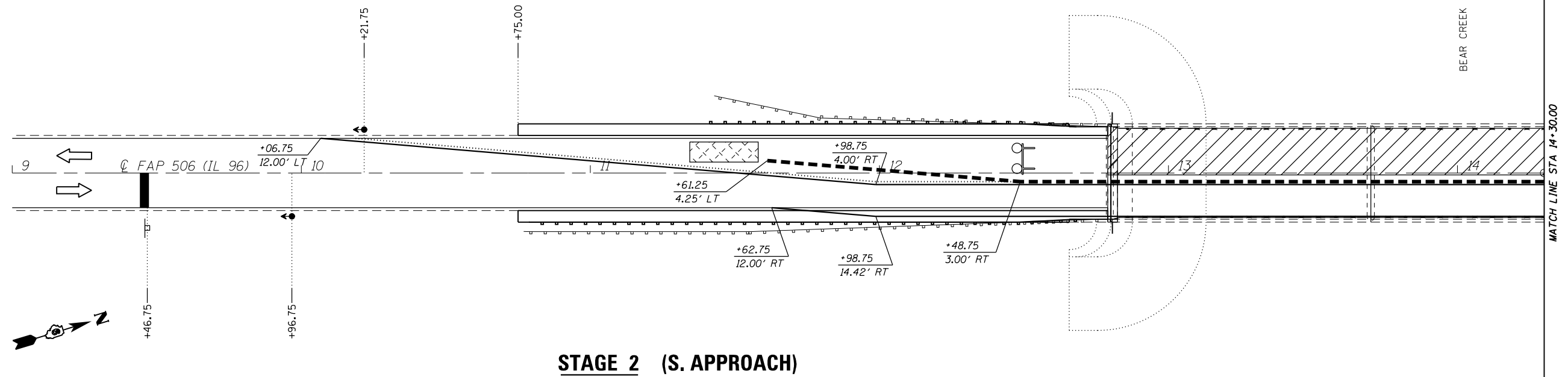
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	DRAWN - RSC	REVISED -
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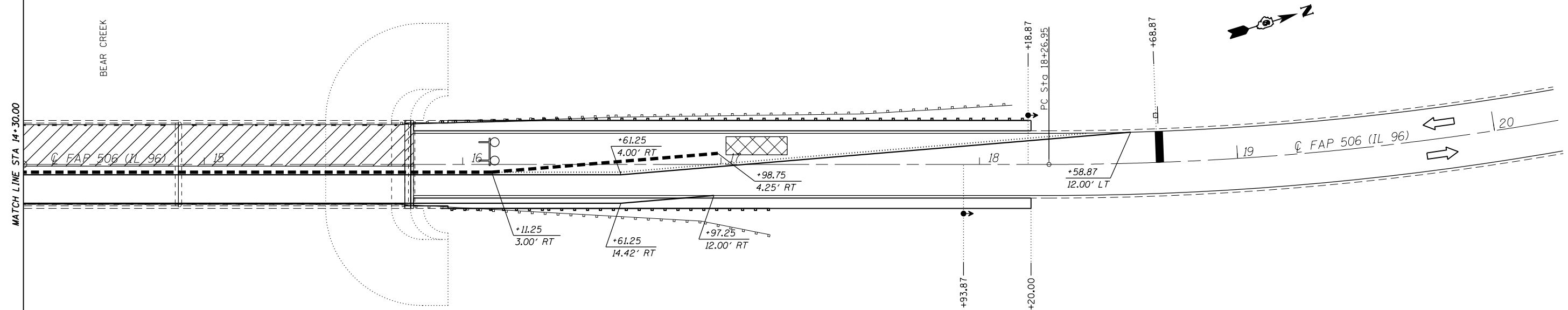
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE CONSTRUCTION PLAN			
S.N. 001-0052 (over BEAR CREEK)			
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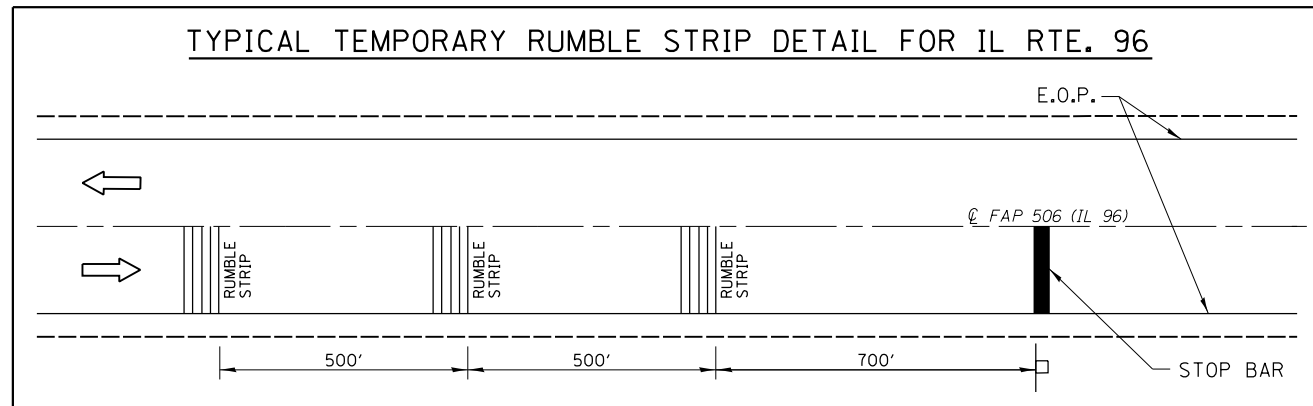
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506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	39
				CONTRACT NO. 72C29
				ILLINOIS FED. AID PROJECT



STAGE 2 (S. APPROACH)



STAGE 2 (N. APPROACH)



TEMPORARY RUMBLE STRIPS	
LOCATION	QUANTITY (EACH)
[F. A. P. 506 (IL 96)]	-
(SN: 001-0052) (BEAR CREEK)	-
Stage 1	6
Stage 2	6
PROJECT TOTAL	12

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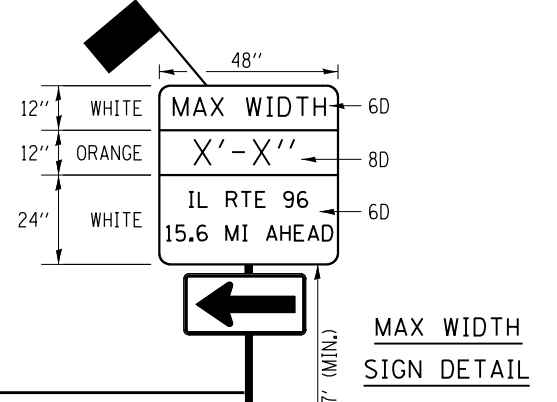
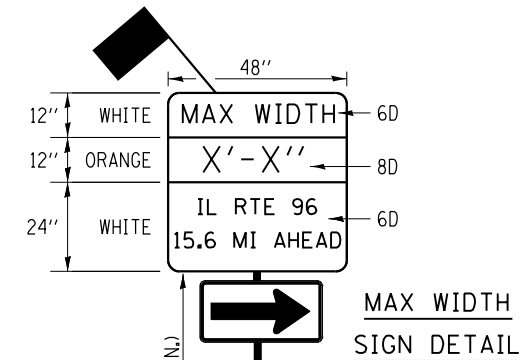
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE CONSTRUCTION PLAN
S.N. 001-0052 (over BEAR CREEK)**

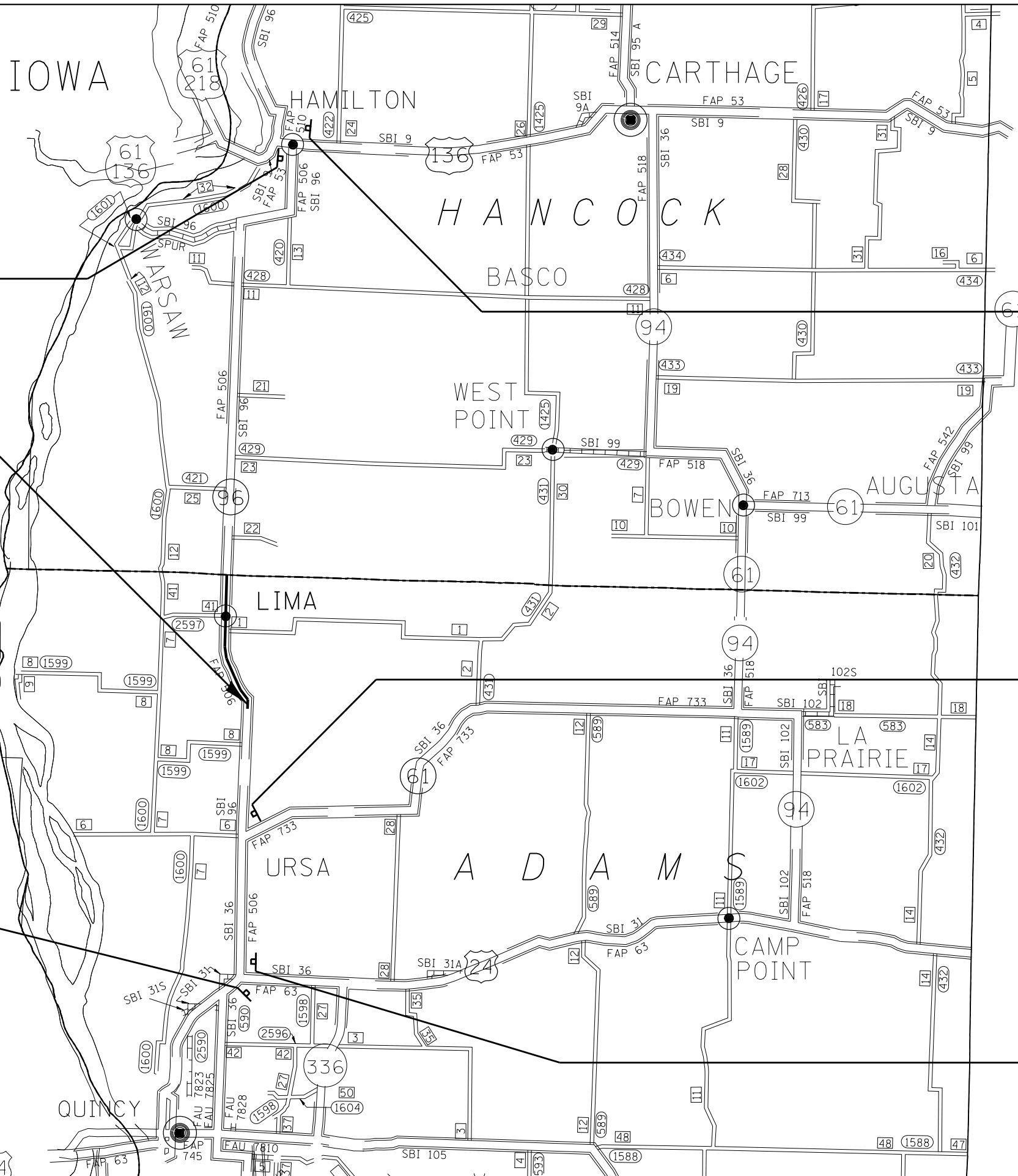
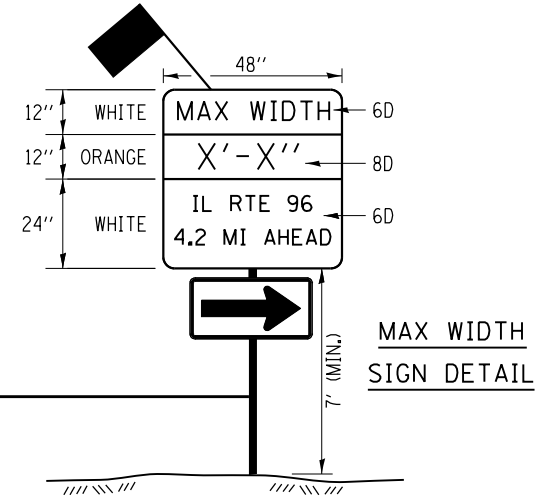
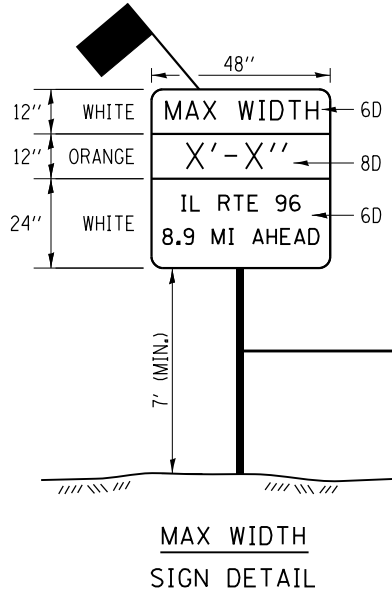
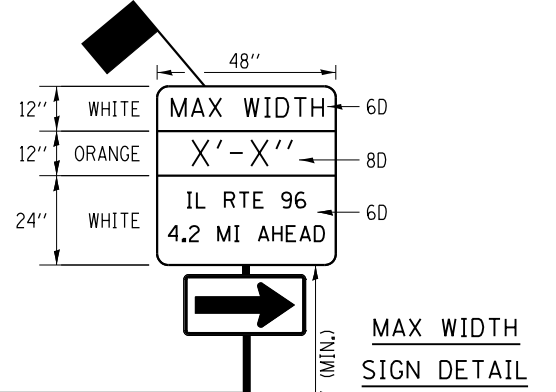
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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				CONTRACT NO. 72C29
ILLINOIS FED. AID PROJECT				

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STRUCTURE LOCATION
 SN: 001-0052
 (over BEAR CREEK)
 STA 14+30.00



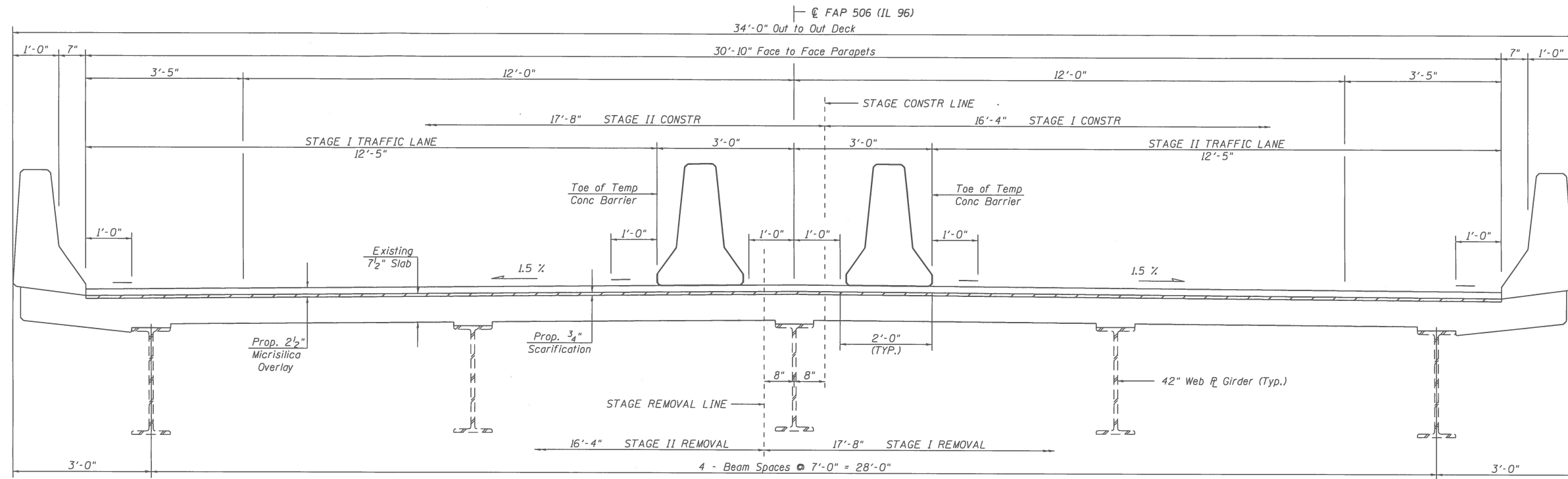
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PLOT DATE = 3/16/2018	DATE - 03/01/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION PLAN
S.N. 001-0052 (over BEAR CREEK)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	41
CONTRACT NO. 72C29			ILLINOIS FED. AID PROJECT	



BRIDGE CROSS-SECTION
(Looking North)

GENERAL NOTES

- All structural steel shall conform to AASHTO Classification M-270 Grade 36 unless otherwise noted.
- Reinforcement bars designated (E) shall be epoxy coated.
- Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials.
- Such variations shall not be cause for additional compensation for a change in the scope of work; however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
- Care shall be exercised by the Contractor during and following removal operations to ensure that existing rebar remaining in place are not damaged. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchoring system. Costs for this work shall be included in the costs for "Concrete Removal".
- The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
- Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.
- Existing reinforcement bars extending into the removal area shall be cleaned, straightened, and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Costs included with Concrete Removal.
- Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50° F.
- Areas of deck repairs shown are estimated. Resident Engineer shall determine deck repair areas after scarification is completed. The Engineer shall show actual locations of deck repairs on as built plans.
- The abutment surface in the areas of expansion joint replacement shall have a tined finish as per Article 420.09(e)(1) of the Standard Specifications and shall be included in the cost for Concrete Superstructure. The Deck Surface in the areas of expansion joint replacement shall be grooved with the deck overlay as per Article 503.16(a)(3)b of the Standard Specifications and shall be paid at the contract bid price per square yard for Bridge Deck Grooving.
- Synthetic fibers shall be added to Bridge Deck Microsilica Overlay.

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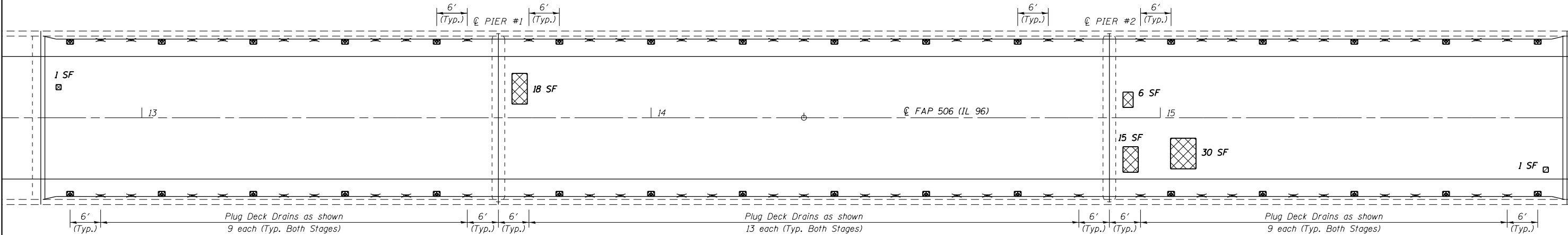
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE CROSS-SECTION
S.N. 001-0052 (over BEAR CREEK)

SCALE: NTS SHEET 2 OF 7 SHEETS STA. 12+78.50 TO STA. 15+81.50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506		ADAMS	59	43
CONTRACT NO. 72C29				
ILLINOIS FED. AID PROJECT				



DECK PLAN

NOTES:

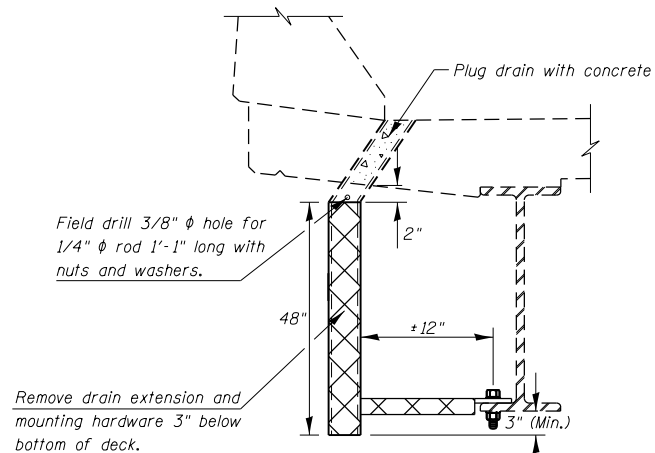
Partial depth repairs are included with Bridge Deck Scarification. See Special Provision for Bridge Deck Microsilica Concrete Overlay. The patching survey information is included for information only.

New floor drains shall be installed after scarification operations are completed. Full Depth patches measuring 12"x16" shall be used to remove the existing floor drains and install proposed drains. Cost of existing floor drain removal shall be included with Deck Slab Repair (Full Depth, Type I) and will not be measured for payment separately. The deck patches surrounding the new drains may be cast full depth monolithically with the overlay.

Deck Condition Survey was performed on 12/30/2014 (by IDOT-D6). Identified patching locations not associated with floor drain installation are estimated. These locations indicate portions of the deck that have higher potential for requiring full depth repairs. The contractor shall not perform full depth patching anywhere on the deck unless the scarification operation reveals the need to do so. The Engineer shall determine actual repair locations and record them on As-Built plans. After scarification, the Engineer shall contact IDOT District 6 Operations-Bridge Maintenance staff to determine full-depth repair locations. Deck Slab Repair (Full Depth, Type II) areas identified = 8 SQ YD.

LEGEND (Deck Plans)

- Deck Slab Repair (Full Depth, Type I)
- Deck Slab Repair (Full Depth, Type II)
- Plug Existing Floor Drain



SECTION THRU PARAPET

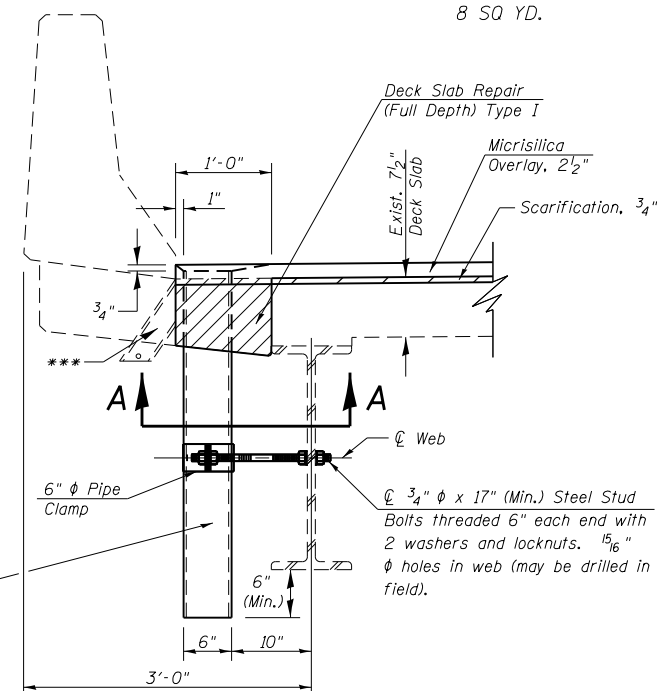


Portion of drains to be removed

NOTES:

Deck drains shall be eliminated by field drilling a 3/8" φ hole through the bottom of the drain just below the deck, installing a 1/4" φ threaded rod and filling the drain with concrete. Alternate methods of plugging may be accepted with the approval of the Engineer.

Drain plugs may be poured monolithically with the overlay concrete. Removal and disposal of the existing drain as shown in the plan detail shall be included in the cost of Plug Existing Floor Drains.



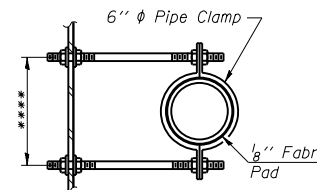
SECTION THRU PARAPET

NOTES:

Fiberglass pipe shall conform to ASTM D 2996, with short-time rupture strength hoop tensile stress of 30,000 p.s.i. minimum.

Galvanize clamping device according to AASHTO M232. Cost of clamping device and inserts is included with Floor Drains.

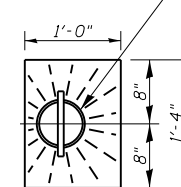
New floor drains shall be installed after scarification operations are completed after each stage. Full Depth patches measuring 12"x16" shall be used to remove the existing floor drains and install proposed drains. Cost of existing floor drain removal shall be included with Deck Slab Repair (Full Depth, Type I) and will not be measured for payment separately. The deck patches surrounding the new drains shall be cast full depth monolithically with the overlay.



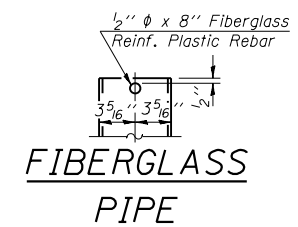
SECTION A-A

Dimension as required by Pipe Clamp

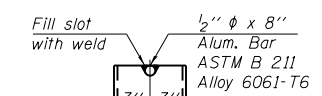
Minimum conc. edge thickness at edge of drain = 1"



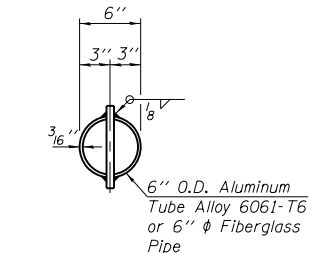
TOP PLAN



FIBERGLASS PIPE



ALUMINUM TUBE



TOP PLAN

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Plug Existing Floor Drains	EACH	62
Floor Drains	EACH	32
Deck Slab Repair (Full Depth, Type I)	SQ YD	4
Deck Slab Repair (Full Depth, Type II)	SQ YD	8

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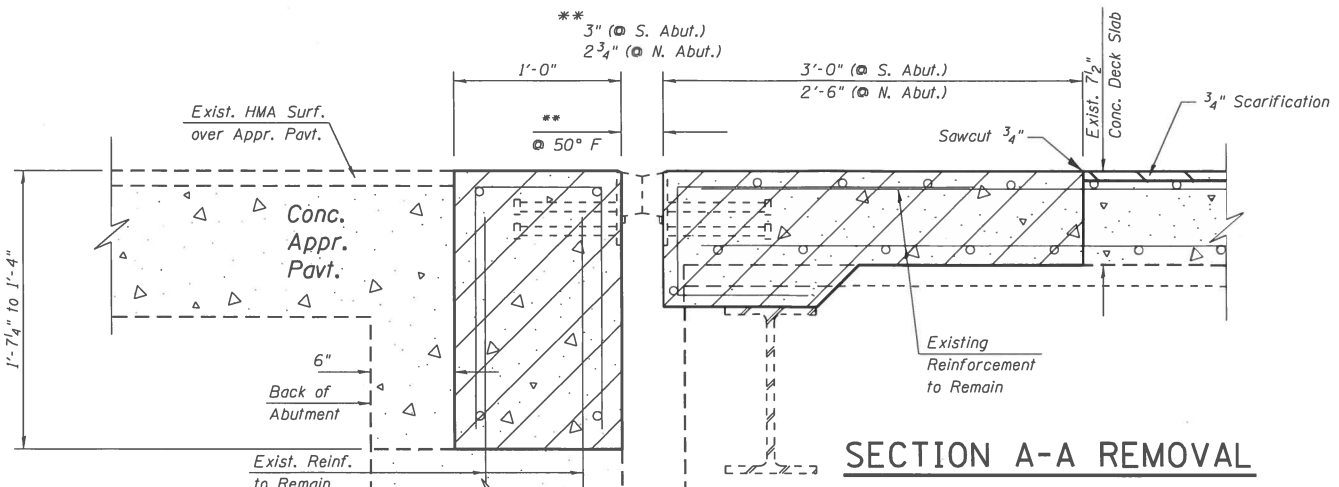
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

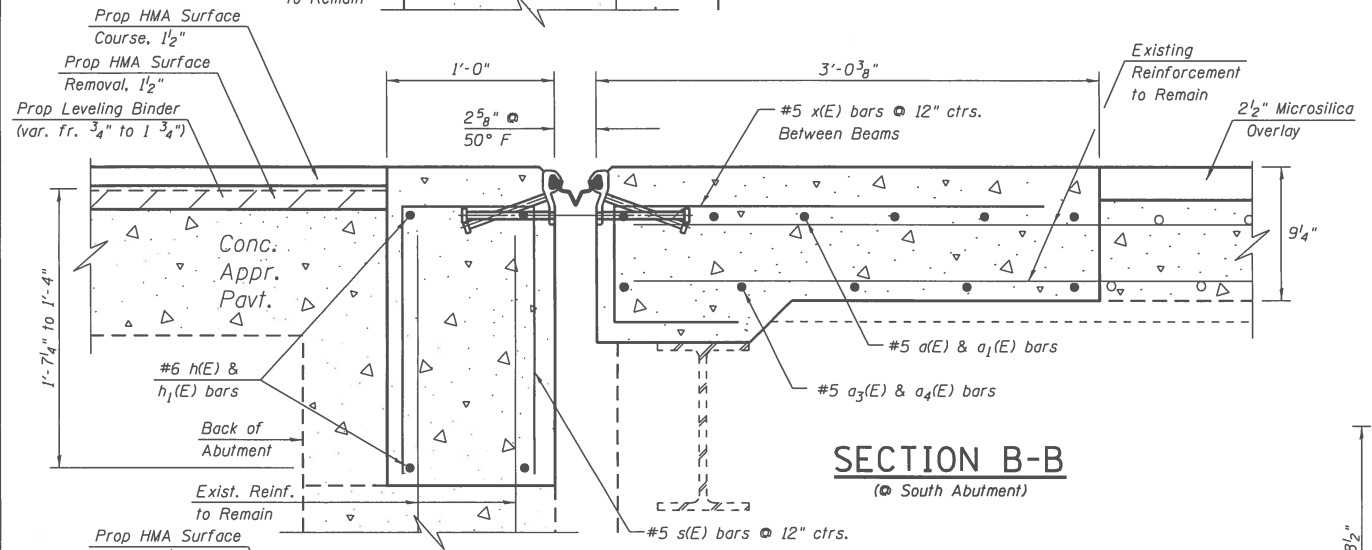
**BRIDGE DECK REPAIRS
S.N. 001-0052 (over BEAR CREEK)**

SCALE: NTS SHEET 3 OF 7 SHEETS STA. 12+78.50 TO STA. 15+81.50

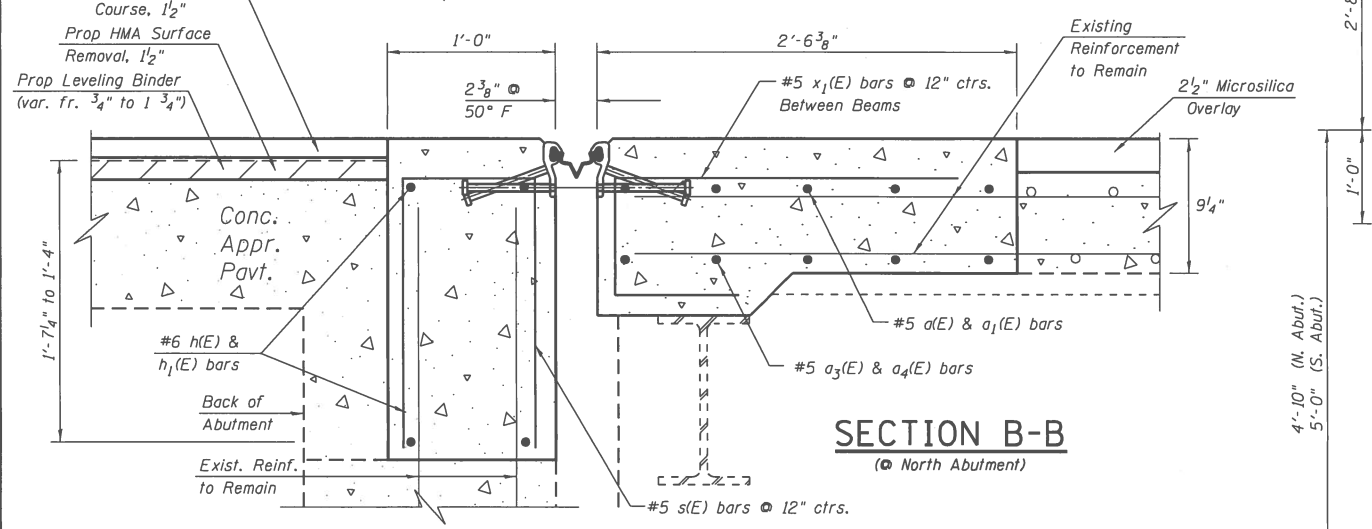
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				CONTRACT NO. 72C29
ILLINOIS FED. AID PROJECT				



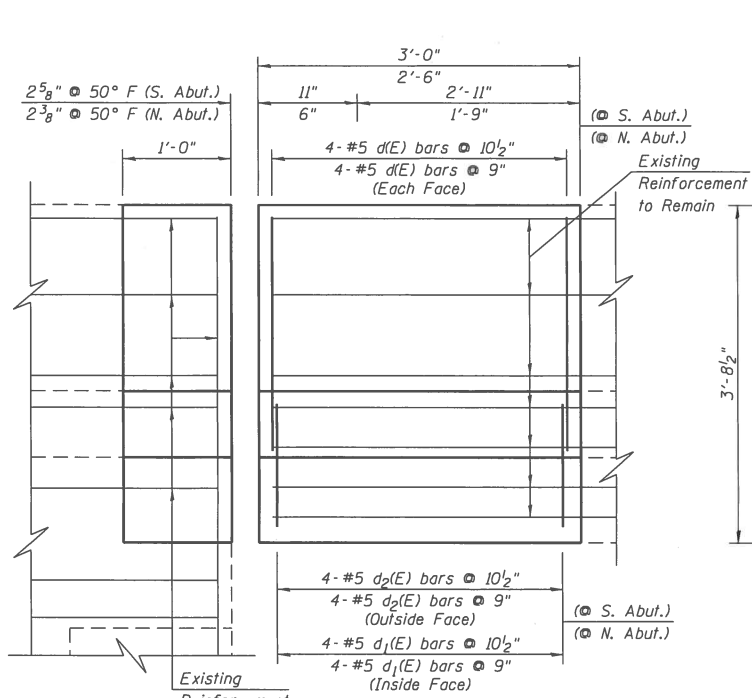
SECTION A-A REMOVAL



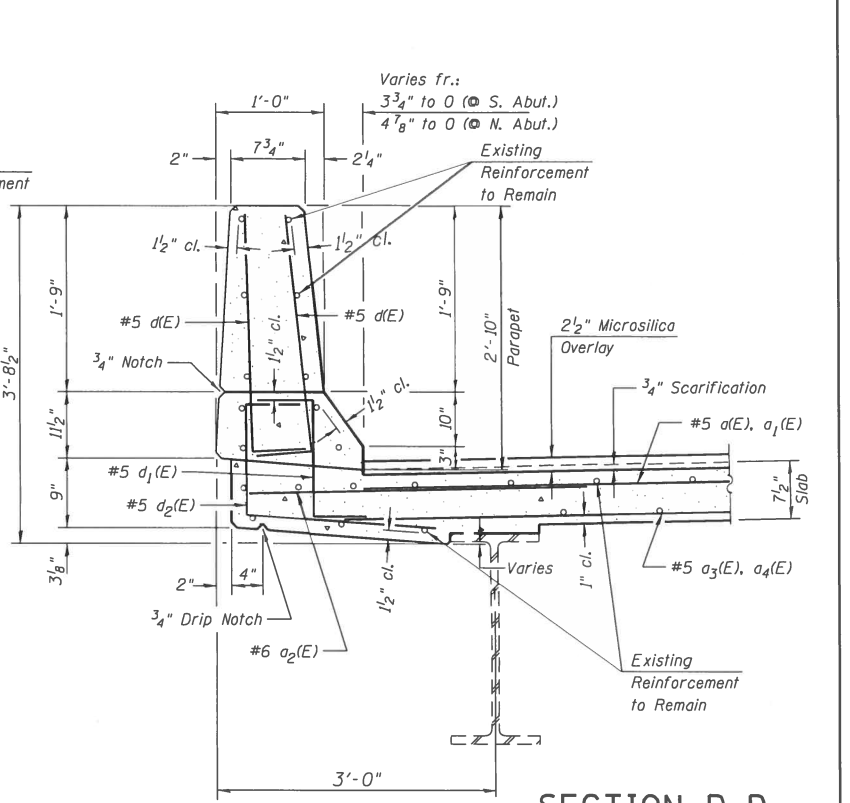
SECTION B-B
(South Abutment)



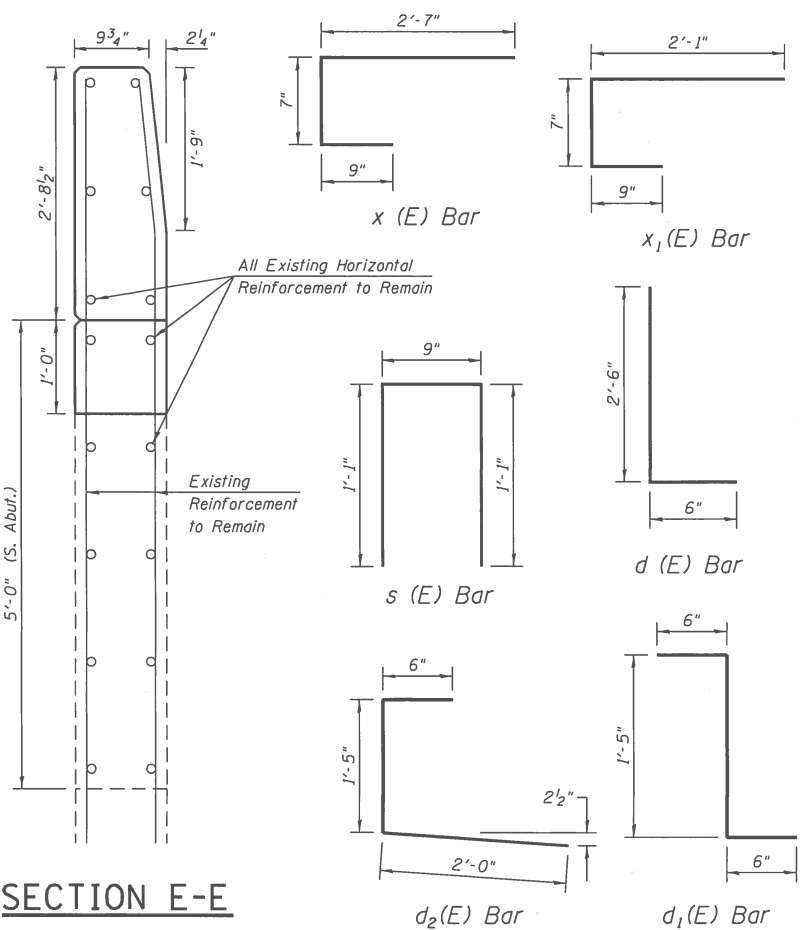
SECTION B-B
(North Abutment)



SECTION C-C



SECTION D-D
(Thru Parapet)



SECTION E-E

BILL OF MATERIAL - 2 JOINTS				
BAR	NO.	SIZE	LENGTH	SHAPE
a(E)	11	#5	15'-3"	—
a ₁ (E)	11	#5	16'-7"	—
a ₂ (E)	16	#6	4'-0"	—
a ₃ (E)	10	#5	15'-5"	—
a ₄ (E)	10	#5	16'-9"	—
d(E)	32	#5	3'-0"	┌
d ₁ (E)	16	#5	2'-5"	┌
d ₂ (E)	16	#5	3'-11"	┌
h(E)	8	#6	16'-0"	—
h ₁ (E)	8	#6	17'-4"	—
s(E)	66	#5	2'-11"	┌
x(E)	33	#5	3'-11"	┌
x ₁ (E)	33	#5	3'-5"	┌
ITEM			UNIT	TOTAL
Reinforcement Bars (Epoxy Coated)			POUND	1,860
Concrete Removal			CU YD	11
Concrete Superstructure			CU YD	11

NOTES:

Hatched areas indicate limits of Concrete Removal.
 The existing expansion joint systems shall be removed completely, as well as any foreign material that has accumulated or has been placed in the joint openings. Cost shall be included in Concrete Removal, and no additional compensation will be allowed.
 Existing reinforcement shall be cleaned and incorporated into the new construction. Cost shall be included with Concrete Removal.
 Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.
 Refer to Sheet 4 of 7 for location and plan view.

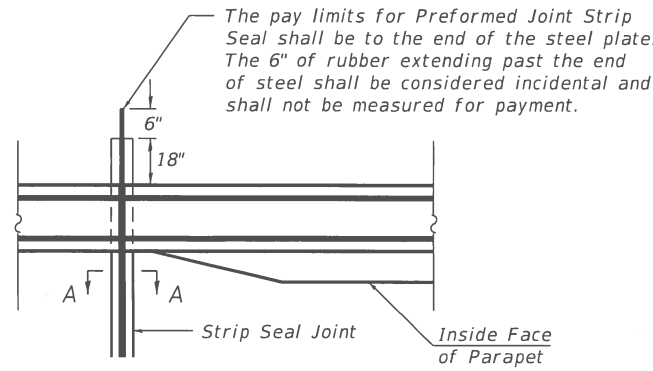
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

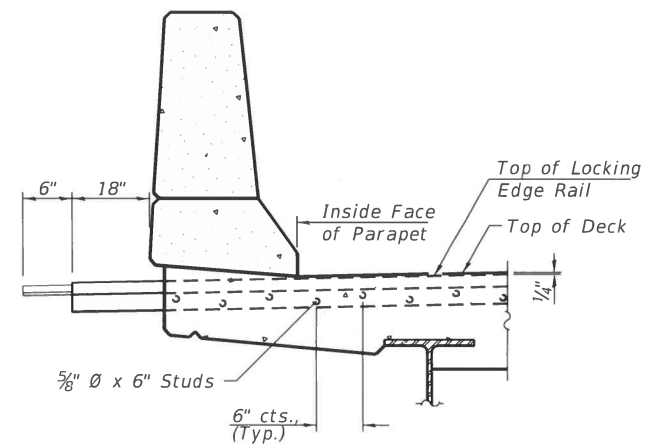
JOINT REPLACEMENT DETAILS
S.N. 001-0052 (over BEAR CREEK)
 SCALE: NTS SHEET 5 OF 7 SHEETS STA. 12+78.50 TO STA. 15+81.50

F.A.P. RTE. 506	SECTION	COUNTY ADAMS	TOTAL SHEETS 59	SHEET NO. 46
CONTRACT NO. 72C29			ILLINOIS FED. AID PROJECT	



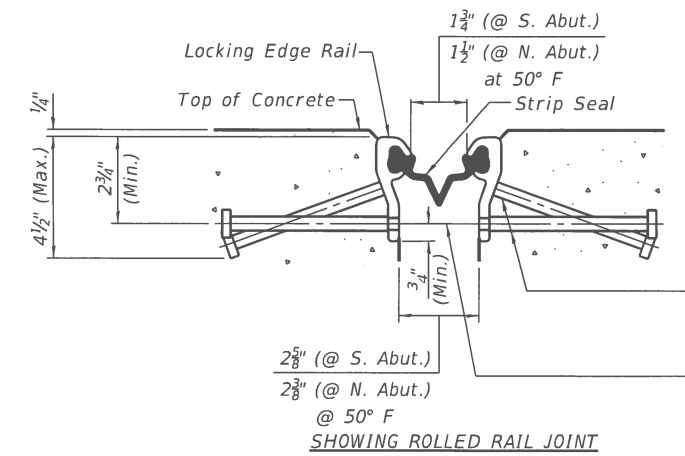
PLAN AT PARAPET
(North & South Abutments)

The pay limits for Preformed Joint Strip Seal shall be to the end of the steel plate. The 6" of rubber extending past the end of steel shall be considered incidental and shall not be measured for payment.



ELEVATION AT PARAPET

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

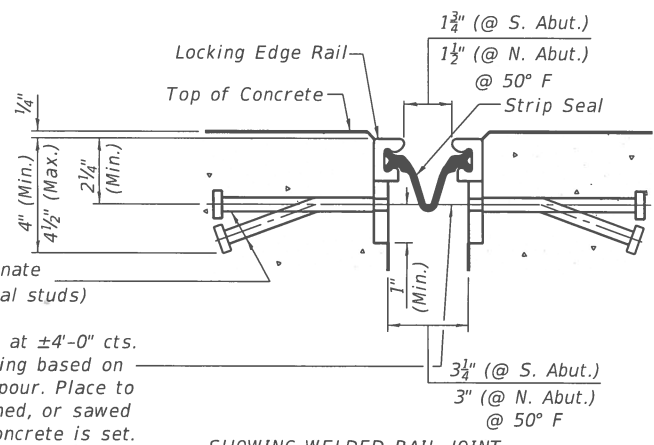


SHOWING ROLLED RAIL JOINT

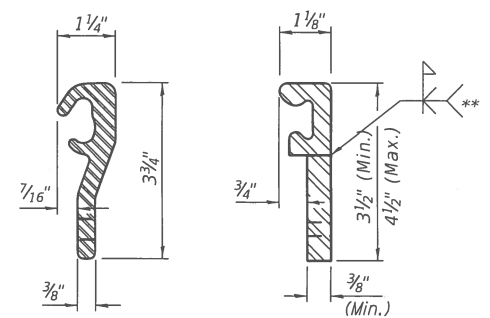
* 5/8" Ø x 6" studs @ 6" cts. (alternate angled/bent studs with horizontal studs)
3/8" Ø threaded rods in 7/16" Ø holes at ±4'-0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates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

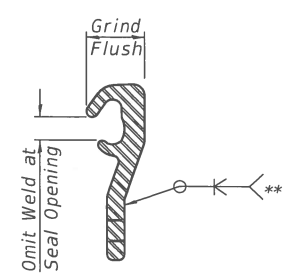


SHOWING WELDED RAIL JOINT



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	74

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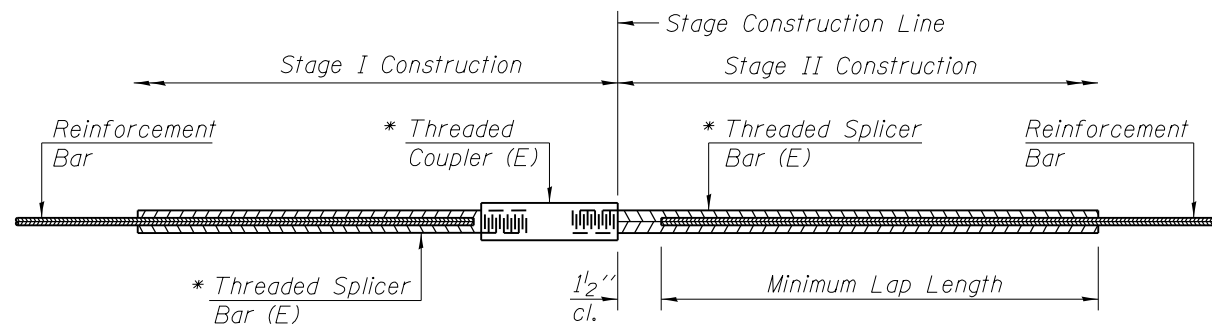
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PREFORMED JOINT STRIP SEAL
S.N. 001-0052 (over BEAR CREEK)**

SCALE: NTS SHEET 6 OF 7 SHEETS STA. 12+78.50 TO STA. 15+81.50

F.A.P. RTE. 506	SECTION	COUNTY ADAMS	TOTAL SHEETS 59	SHEET NO. 47
CONTRACT NO. 72C29				ILLINOIS FED. AID PROJECT

(126)RS-3,BRR,BDR,BJR,SCR



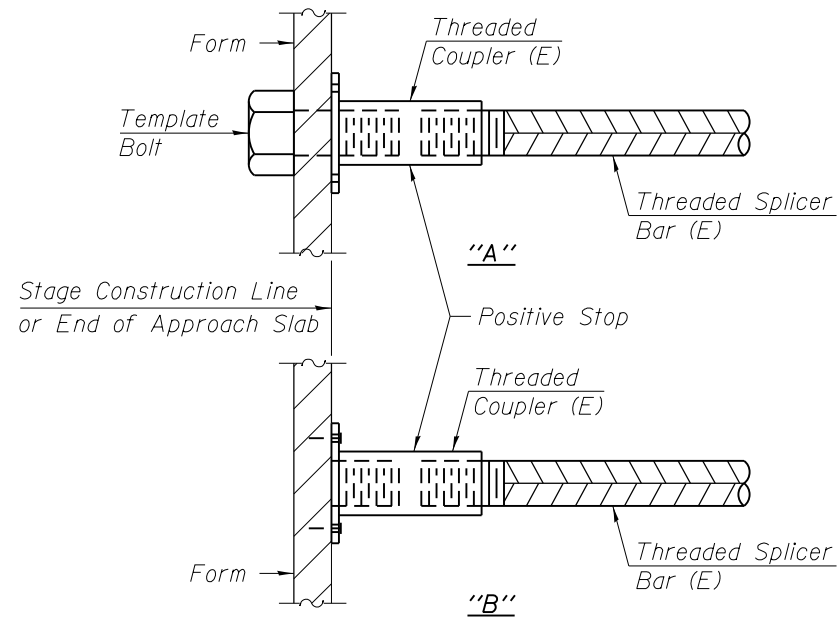
STANDARD BAR SPLICER ASSEMBLY

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar Size	No. Assemblies Required	Minimum Lap Length
North Abut., Bridge Deck Side	5	11	3'-6"
North Abut., Approach Side	6	4	4'-0"
South Abut., Bridge Deck Side	5	10	3'-6"
South Abut., Approach Side	6	4	4'-0"

Total Required = 29 Each

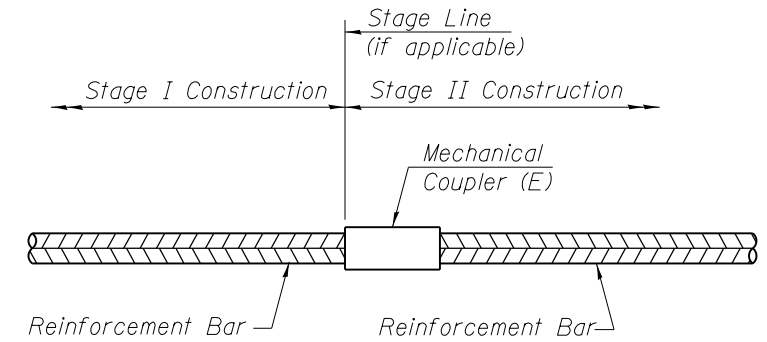


INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.

"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.

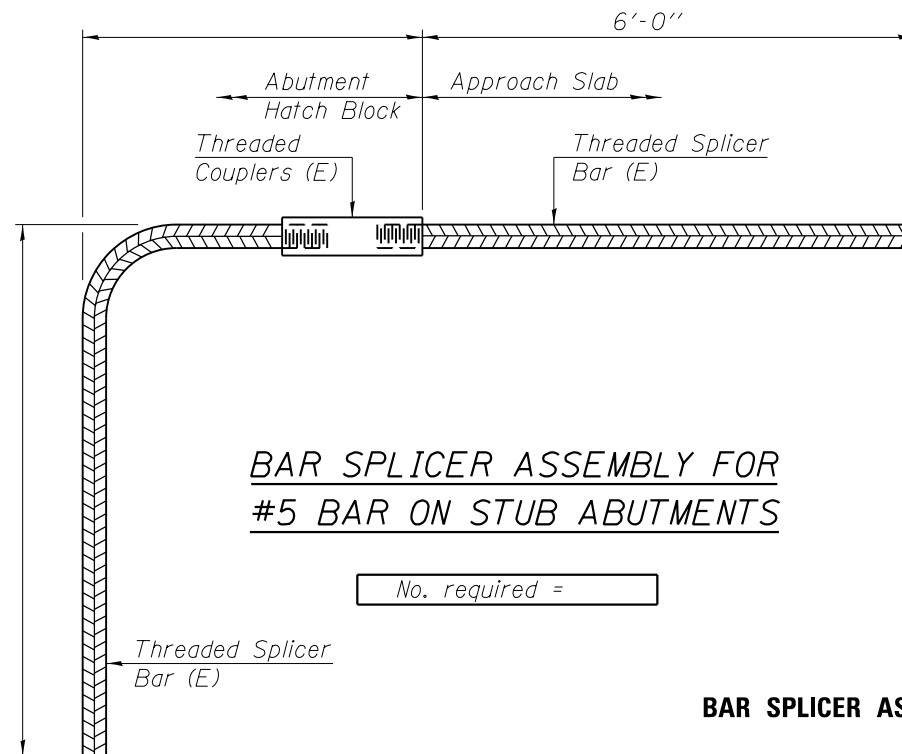
(E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar Size	No. Assemblies Required

**BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
STRUCTURE NO. 001-0052**



**BAR SPLICER ASSEMBLY FOR
#5 BAR ON STUB ABUTMENTS**

No. required =

NOTES

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.

All reinforcement shall be lapped and tied to the splicer bars.

Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.

See approved list of bar splicer assemblies and mechanical splicers for alternatives.

**BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
STRUCTURE NO. 001-0052**

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

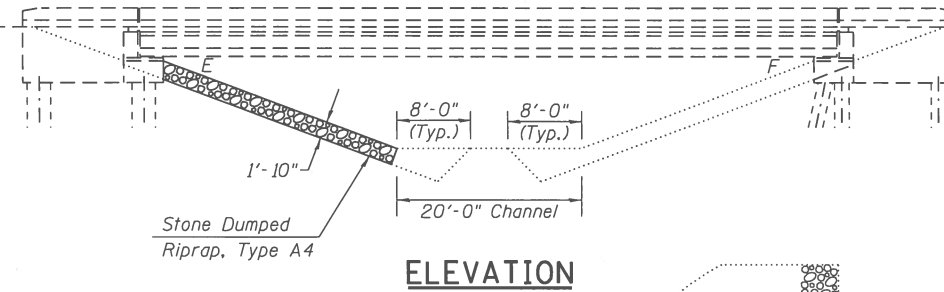
**BAR SPLICERS
S.N. 001-0052 (over BEAR CREEK)**

SCALE: NTS SHEET 7 OF 7 SHEETS STA. 12+78.50 TO STA. 15+81.50

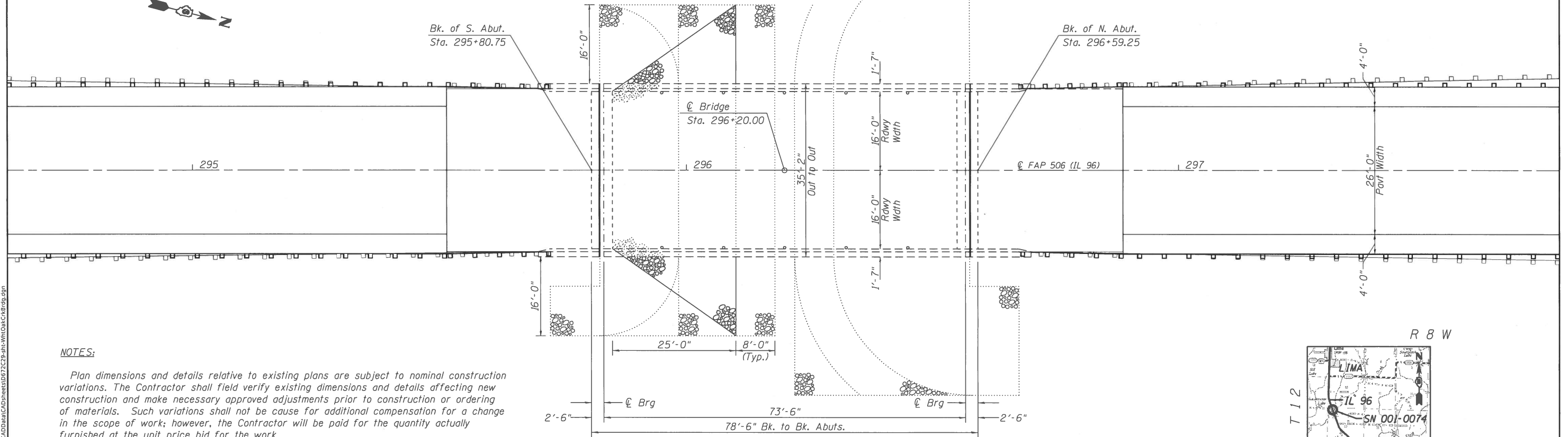
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	48
				CONTRACT NO. 72C29
ILLINOIS FED. AID PROJECT				

EXISTING STRUCTURE

The existing structure (S.N. 001-0074) is 35'-2" wide by 78'-6" Bk. to Bk. Abut. was constructed in 1994 as Section 126(B-2) carrying FAP 506 (IL 96) over White Oak Creek. This structure consists of prestressed concrete I-beams along a single span with a 7.5" PCC deck slab.



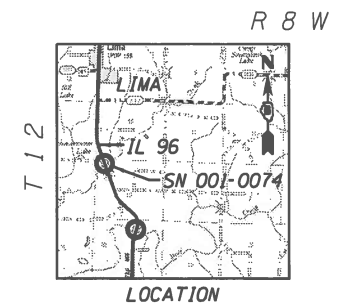
ELEVATION



PLAN

NOTES:

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of work; however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.



LOCATION



David Carl Puzey 5/11/18
Exp. mcs 11/30/18

BILL OF MATERIAL		
ITEM	UNIT	TOTAL
Silicone Joint Sealer, 1.75"	FOOT	35
Silicone Joint Sealer, 2.5"	FOOT	35
Stone Dumped Riprap, Class A4	SQ YD	138

GENERAL PLAN
FAP 506 (IL RTE. 96) OVER
WHITE OAK CREEK
SECTION (126)RS-3, BRR, BDR, BJR, SCR
ADAMS COUNTY
STATION 296+20.00
STRUCTURE NO. 001-0074

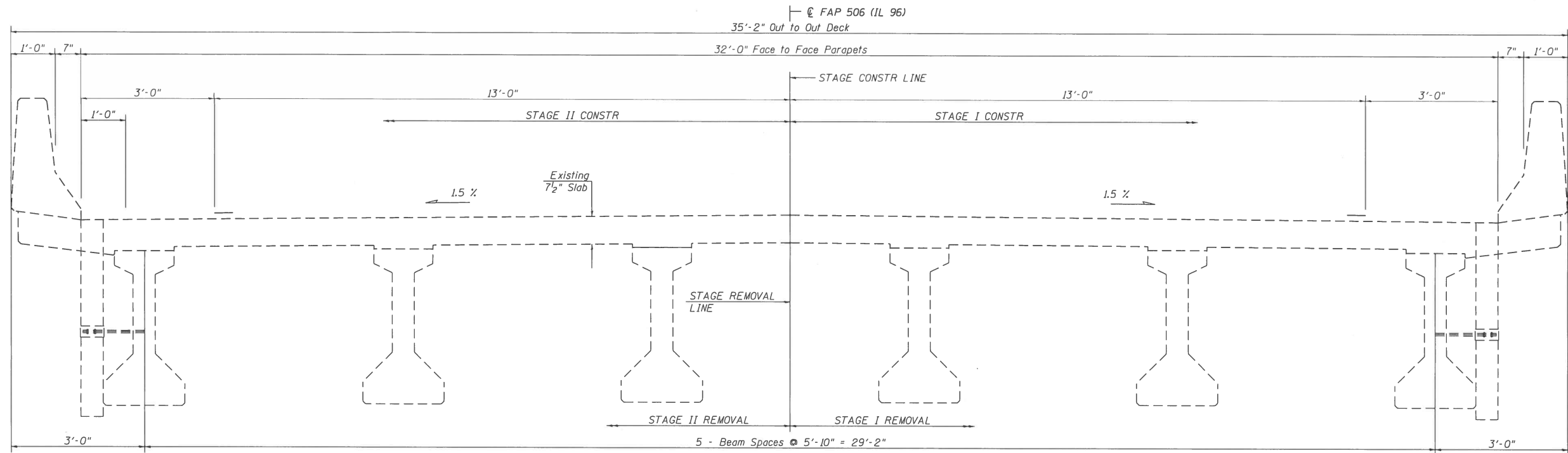
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PLOT DATE = 5/7/2018	CHECKED -	REVISIONS -
	DATE -	REVISIONS -

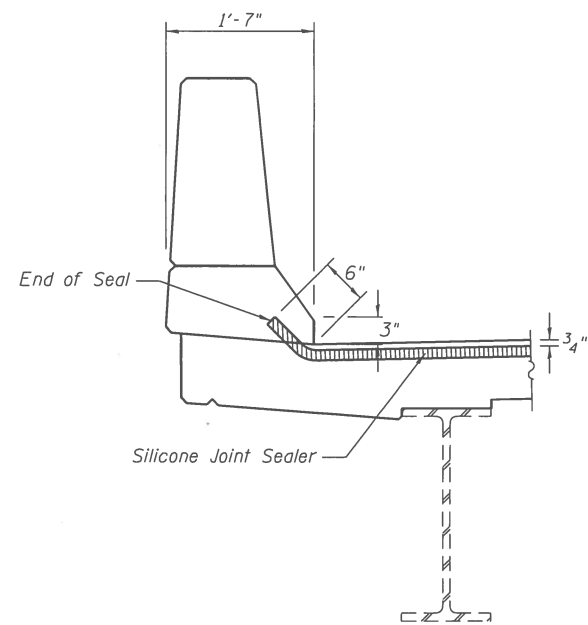
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE PLAN & ELEVATION
S.N. 001-0074 (over WHITE OAK CREEK)
SCALE: NTS SHEET 1 OF 2 SHEETS STA. 295+80.75 TO STA. 296+59.25

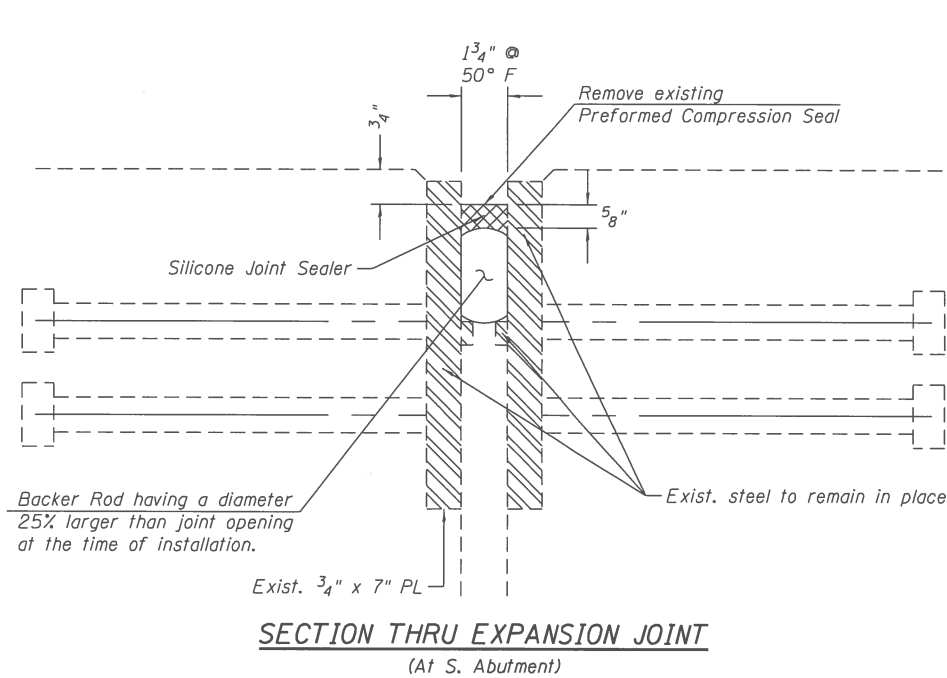
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	49
CONTRACT NO. 72C29				
ILLINOIS FED. AID PROJECT				



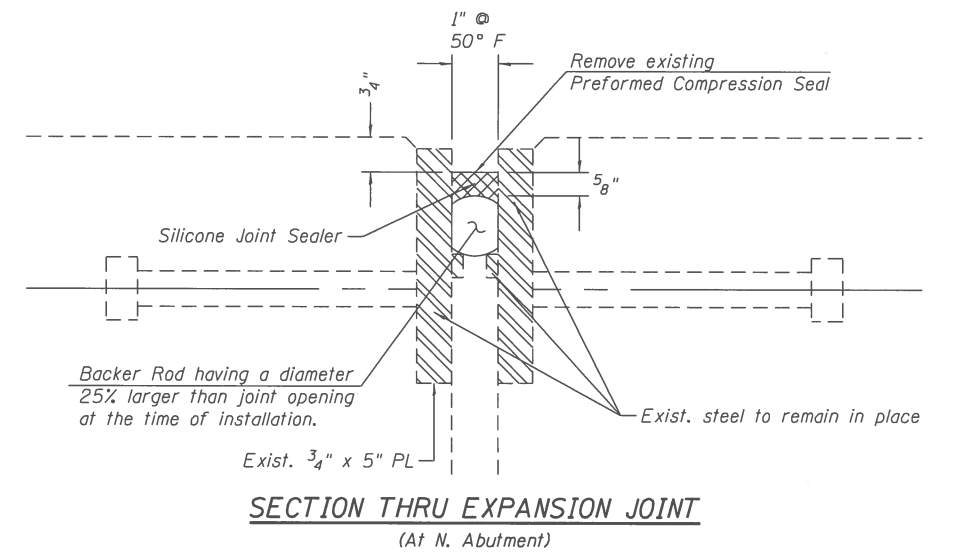
BRIDGE CROSS-SECTION
(Looking North)



TYPICAL END OF SEAL TREATMENT



SECTION THRU EXPANSION JOINT
(At S. Abutment)



SECTION THRU EXPANSION JOINT
(At N. Abutment)

NOTES:

Removal of the existing preformed compression seal will not be measured for payment but furnished shall be included in the cost of Silicone Joint Sealer, of size specified.

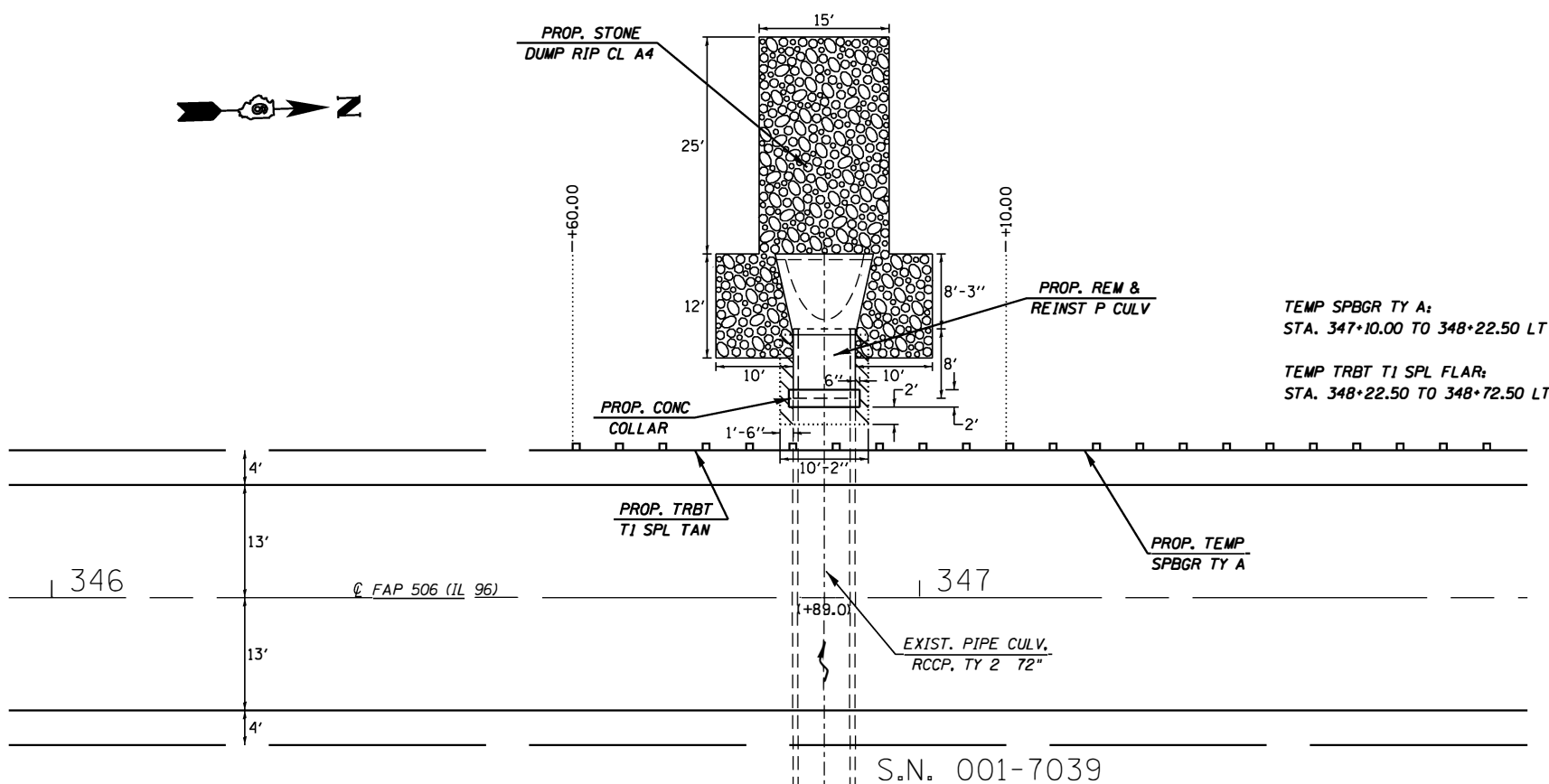
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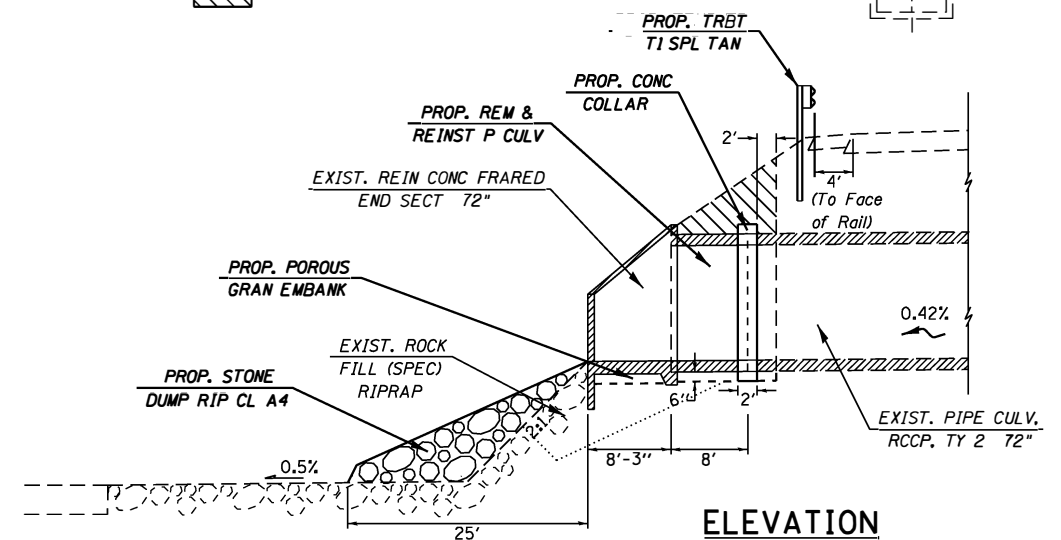
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINT REPLACEMENT DETAILS	
S.N. 001-0074 (over WHITE OAK CREEK)	
SCALE: NTS	SHEET 2 OF 2 SHEETS
STA. 295+80.75	TO STA. 296+59.25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	50
CONTRACT NO. 72C29				
ILLINOIS FED. AID PROJECT				



PROP. STRUCTURE EXCAVATION



GENERAL NOTES

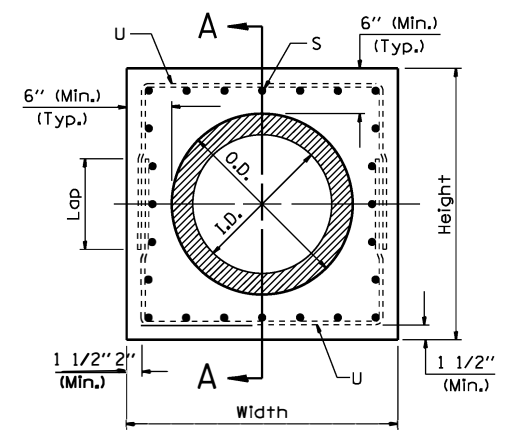
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for change in scope of work; however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Existing reinforced concrete flared end sections and pipe culverts shall be removed so that all sections considered suitable for future use by the Engineer shall be salvaged. Any material having salvage value which has been damaged by the Contractor shall be replaced by the Contractor at his/her expense with new sections of same type and size.

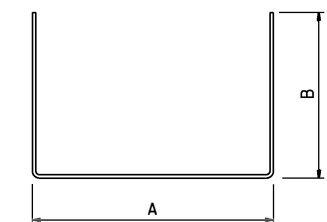
Mastic Joint Sealer for pipe connections shall meet the requirements of Section 1005 of the Standard Specifications.

TEMP SPBGR TY A:
STA. 347+10.00 TO 348+22.50 LT

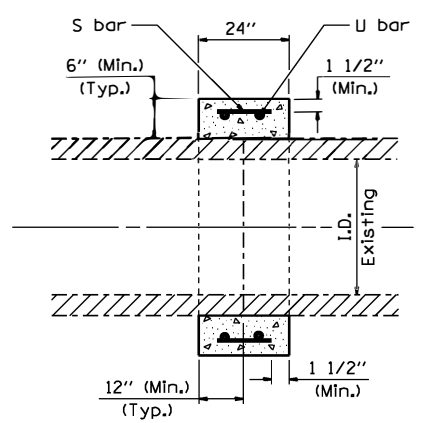
TEMP TRBT T1 SPL FLAR:
STA. 348+22.50 TO 348+72.50 LT



PIPE CULVERT COLLAR



#5 U - bar



SECTION A-A

(Pipe end to pipe end,
No expansion bolts required)

Station	Skew	Existing Culvert Size	Proposed Culvert		Collar		Reinforcement Bars						Class II Concrete Collar yd ³				
			I.D.	O.D.	Height	Width	S bar			U bar				lb			
346+89.00	NONE	72"	72"	86"	98"	98"	24	#5	1'-9"	4	#5	7'-11"	5'-3"	2'-6"	18'-7"	121.3	2.0

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structure Excavation	CU YD	21
Remove and Reinstall Pipe Culvert	FOOT	17
Concrete Collar	CU YD	2
Reinforcement Bars	POUND	122
Porous Granular Embankment	TON	8
Stone Dumped Riprap, Class A4	SQ YD	69
Temporary Steel Plate Beam Guardrail, Type A	FOOT	112.5
Temporary Traffic Barrier Terminal, Type 1	EACH	1
Special (Tangent)		
Temporary Traffic Barrier Terminal, Type 1, Special (Flared)	EACH	1

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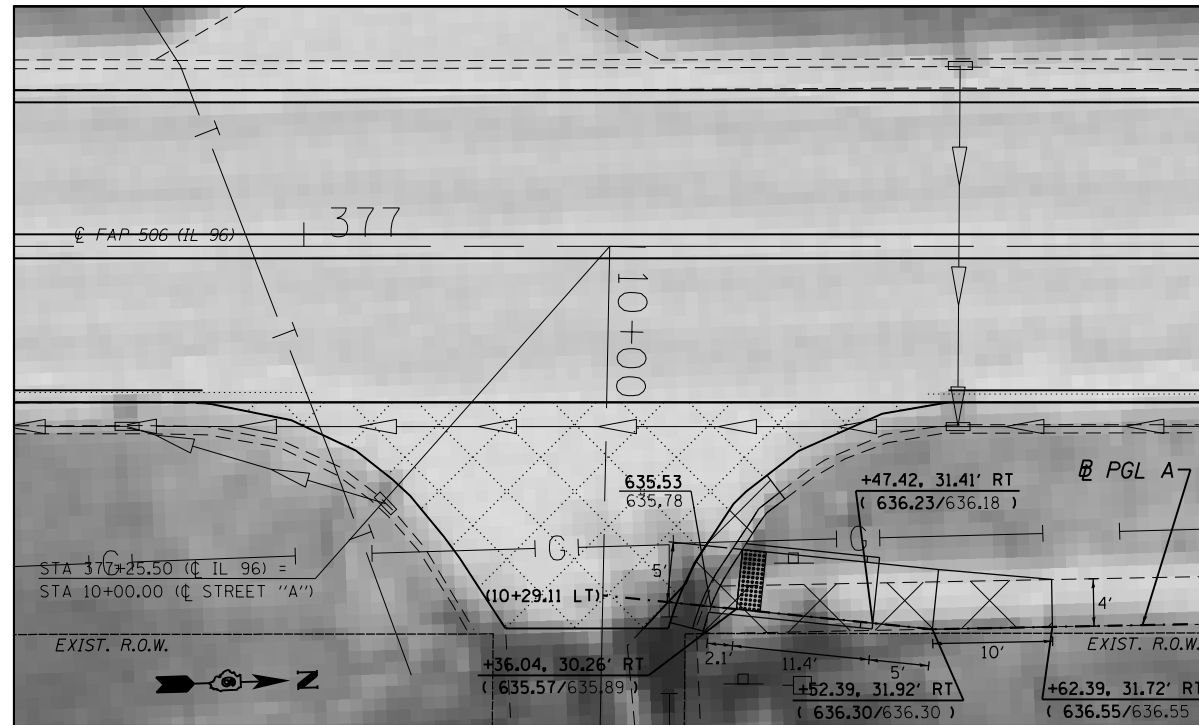
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PIPE CULVERT REPAIR DETAILS
SN: 001-7039**

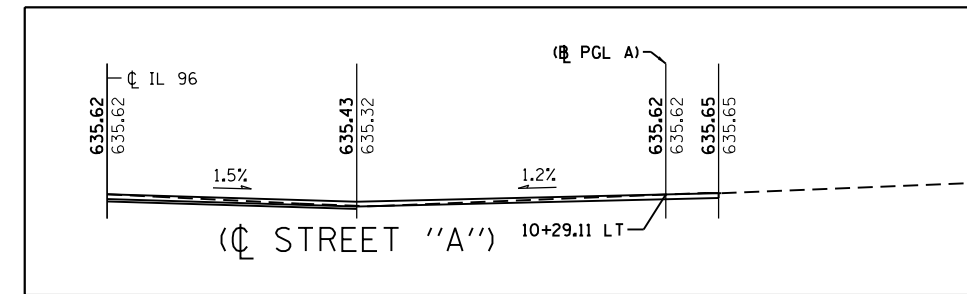
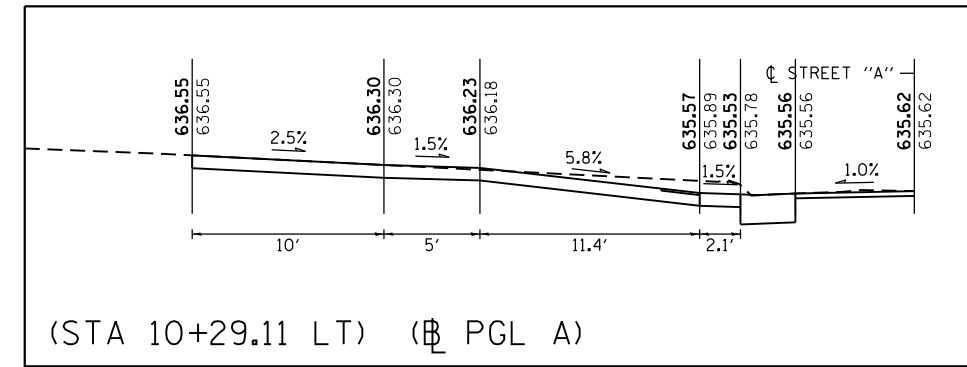
SCALE: NTS SHEET 1 OF 1 SHEETS STA. 345+95.00 TO STA. 348+72.50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	*	ADAMS	59	51
CONTRACT NO. 72C29			ILLINOIS FED. AID PROJECT	

(126)RS-3.BRR,BDR,BJR,SCR



(STATION), (OFFSET)
 (PROP / EXIST)
 ELEV ELEV



(LIMA / STREET "A")

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

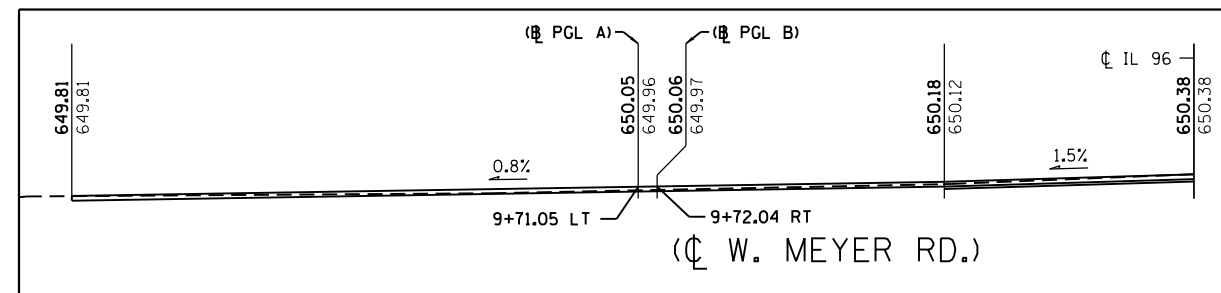
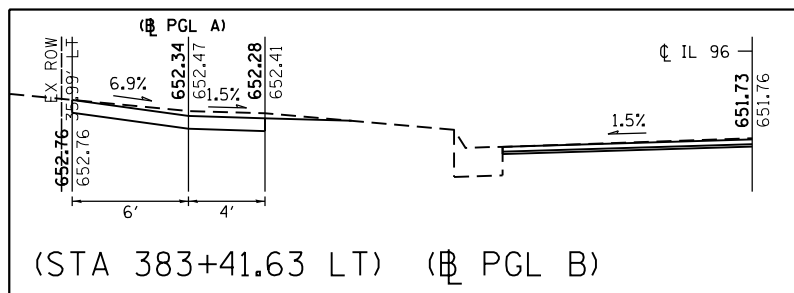
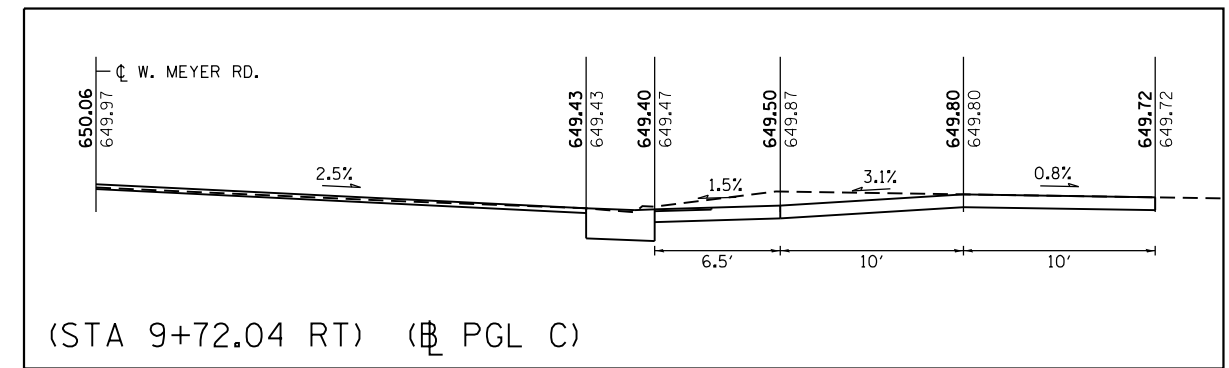
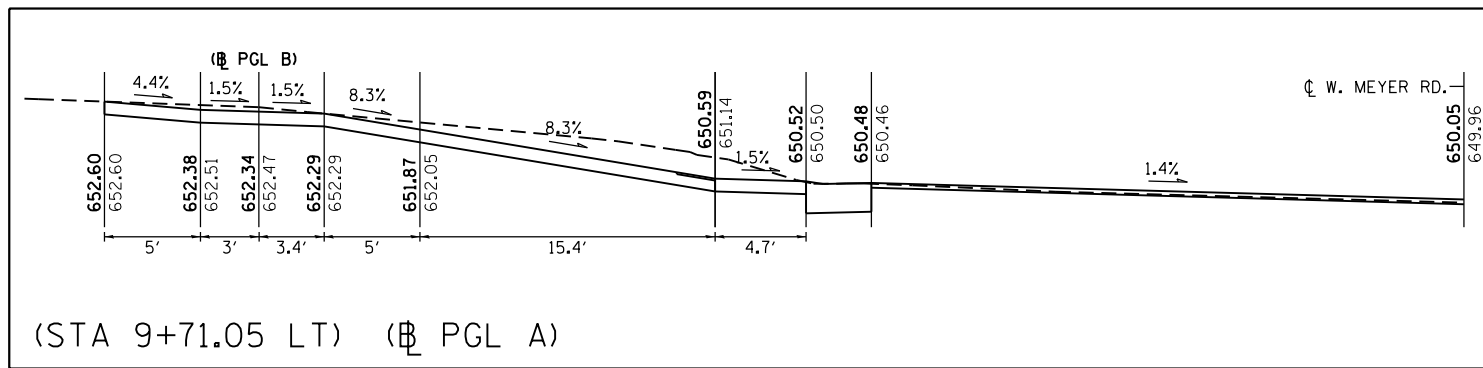
ADA SIDEWALK RAMP DETAIL
 FAP 506 (IL 96)

SCALE: NTS SHEET 1 OF 5 SHEETS STA. 376+75.80 TO STA. 377+75.50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	58	52
CONTRACT NO. 72C29				
ILLINOIS FED. AID PROJECT				



(STATION), (OFFSET)
(PROP / EXIST)
ELEV ELEV



(LIMA / W. MEYER RD.)

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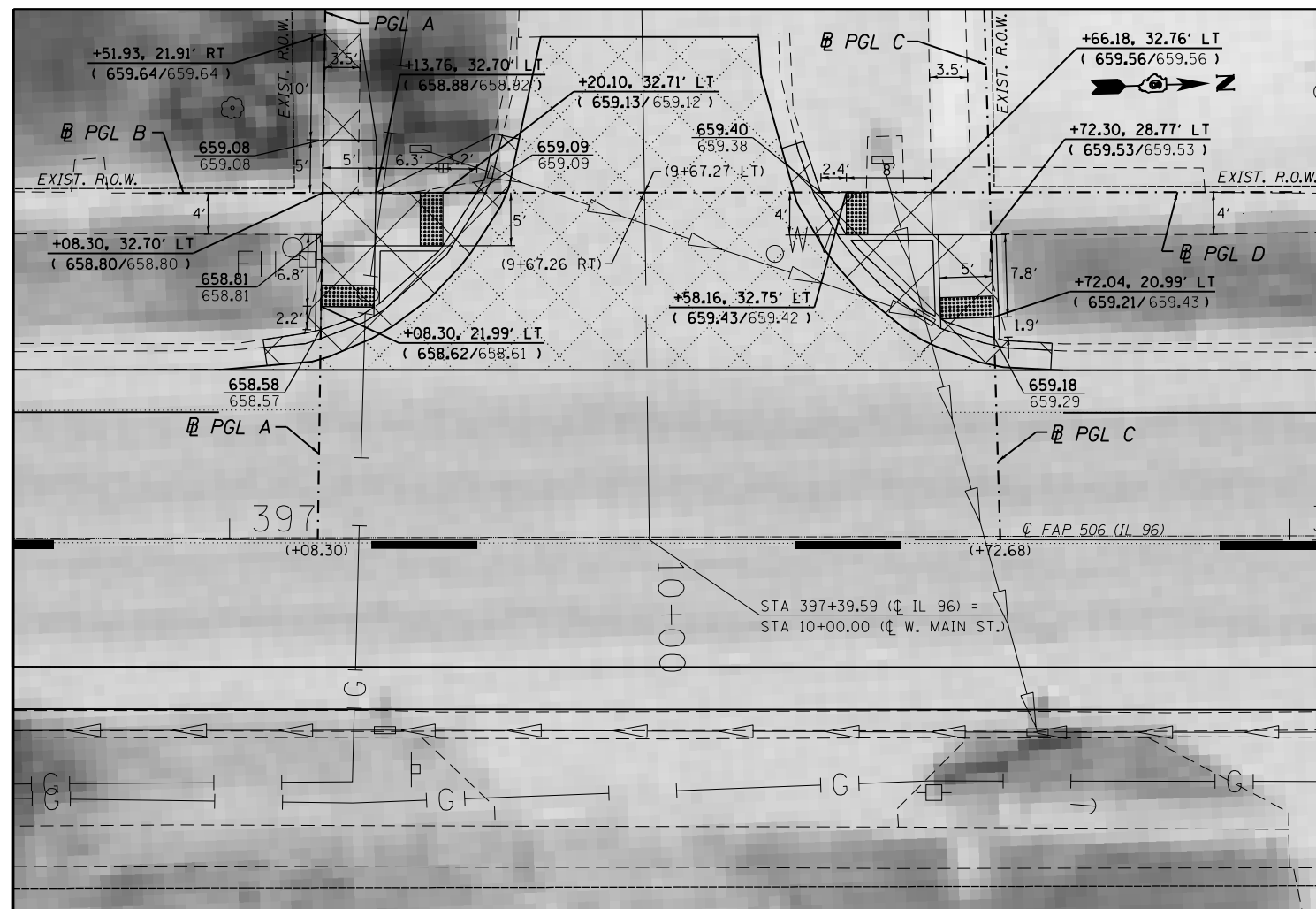
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

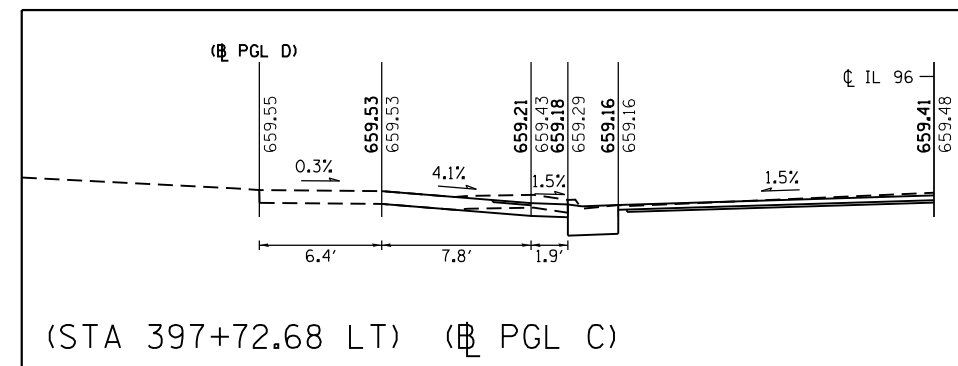
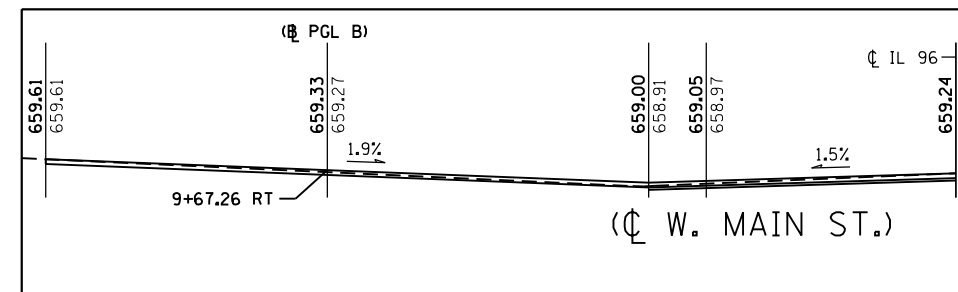
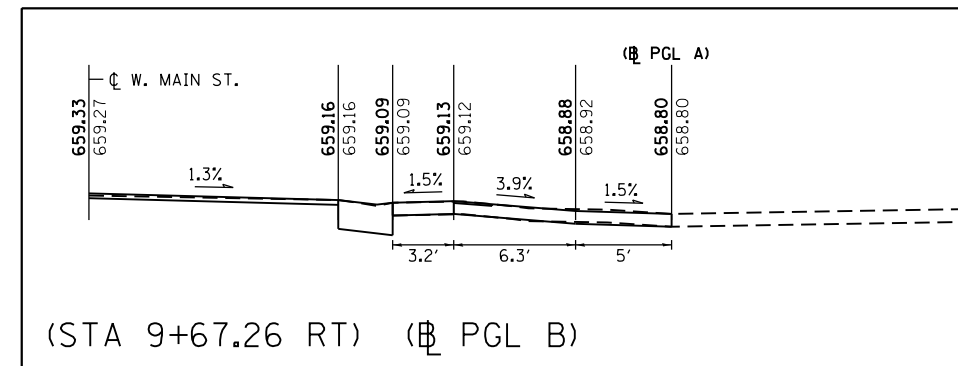
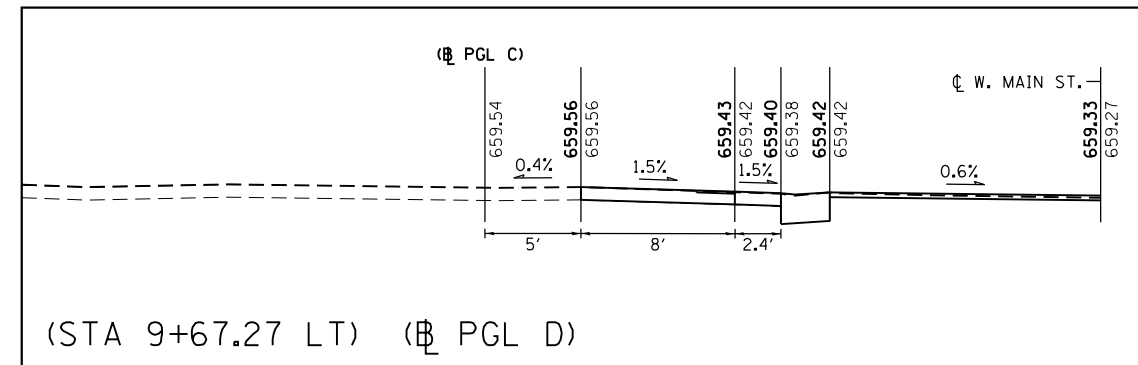
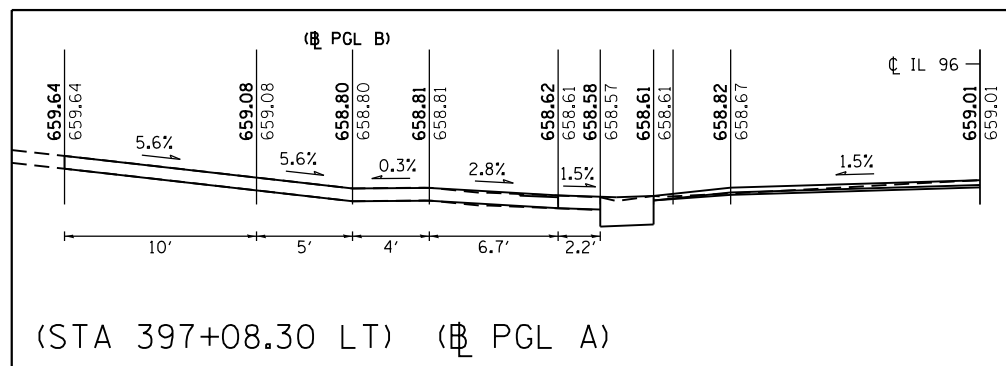
ADA SIDEWALK RAMP DETAIL
FAP 506 (IL 96)

SCALE: NTS SHEET 2 OF 5 SHEETS STA. 382+04.30 TO STA. 383+79.30

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	58	53
CONTRACT NO. 72C29				
ILLINOIS FED. AID PROJECT				



(STATION), (OFFSET)
(PROP / EXIST)
ELEV ELEV



(LIMA / W. MAIN ST.)

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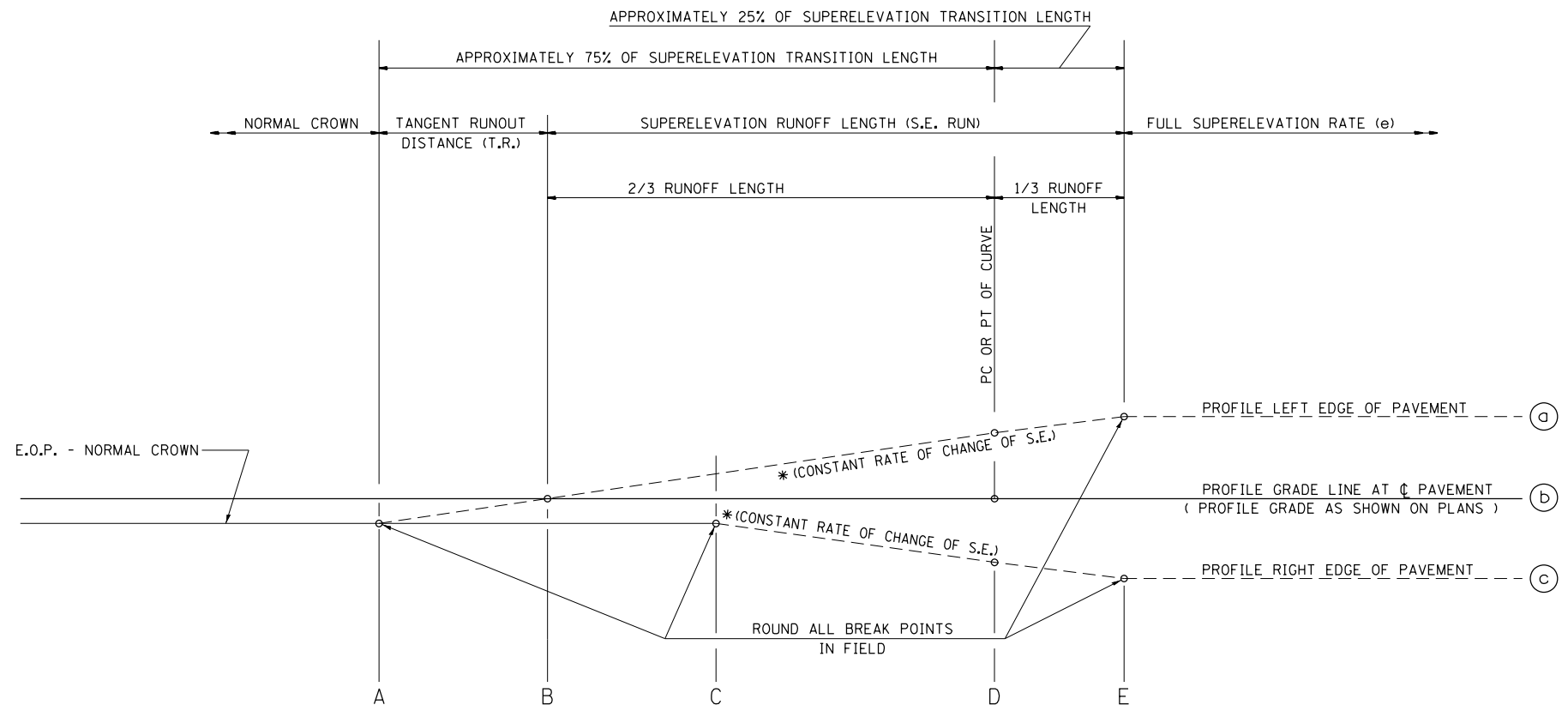
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

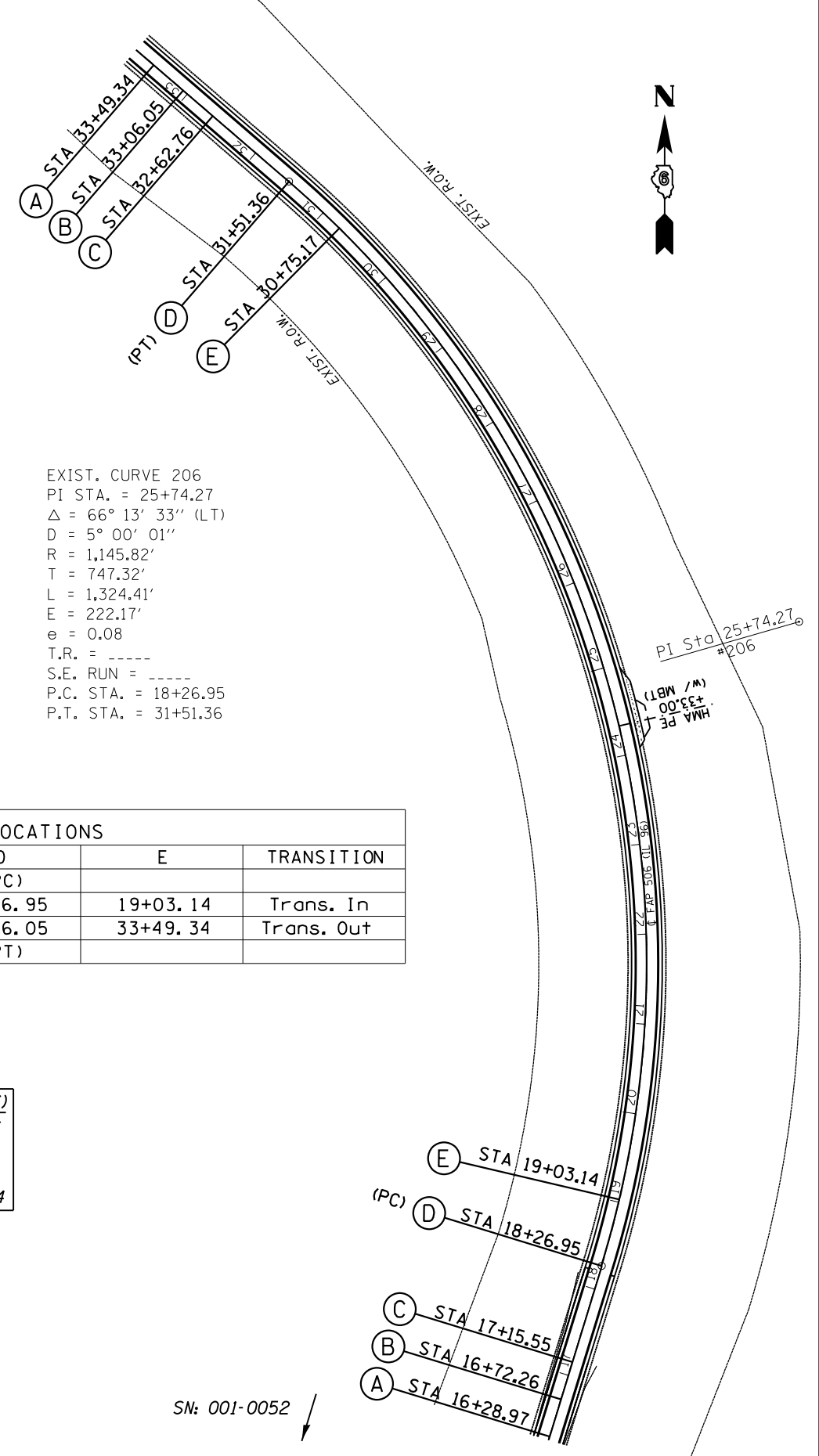
**ADA SIDEWALK RAMP DETAIL
FAP 506 (IL 96)**

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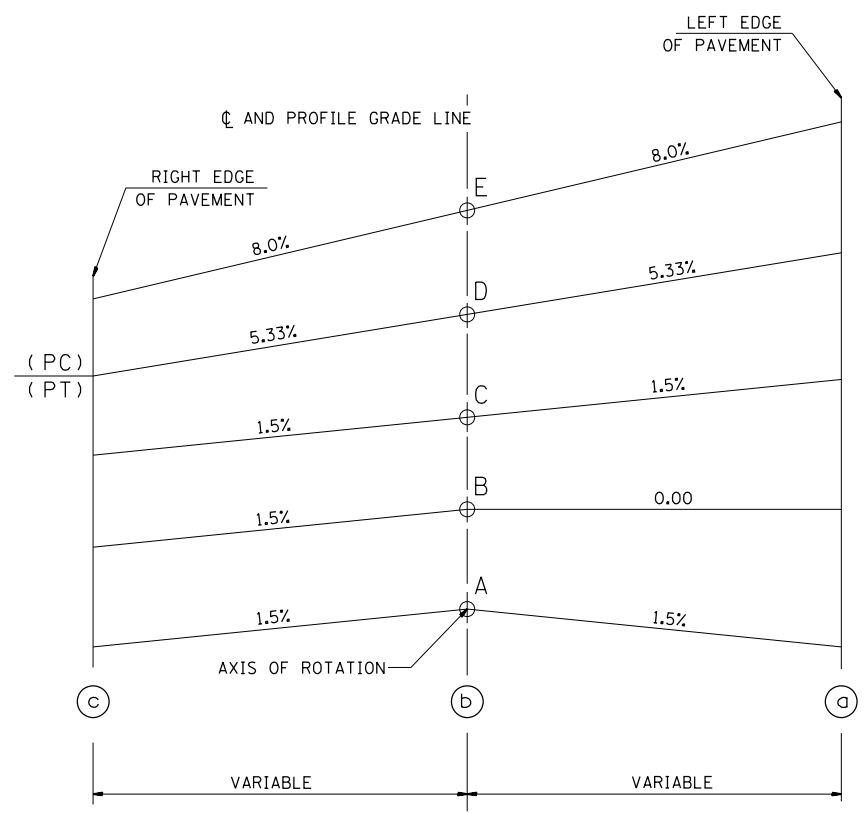
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506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	58	56
CONTRACT NO. 72C29				
ILLINOIS FED. AID PROJECT				



TYPICAL PROFILE - S.E. TRANSITION



CURVE NO.	e	A	B	C	D	E	TRANSITION
206	8.00%	16+28.97	16+72.26	17+15.55	18+26.95	19+03.14	Trans. In
206	8.00%	30+75.17	31+51.36	32+62.76	33+06.05	33+49.34	Trans. Out



(PROP.)
FULL S.E.: (S.E. = 8.0%)
 STA. 19+03.14 TO 30+75.17
S.E. TRANSITION:
 STA. 16+28.97 TO 19+03.14
 STA. 30+75.17 TO 33+49.34
 (EXIST. S.E. = 8.0%)

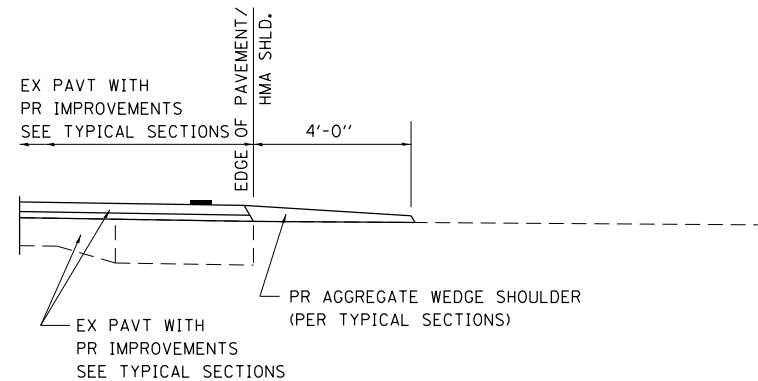
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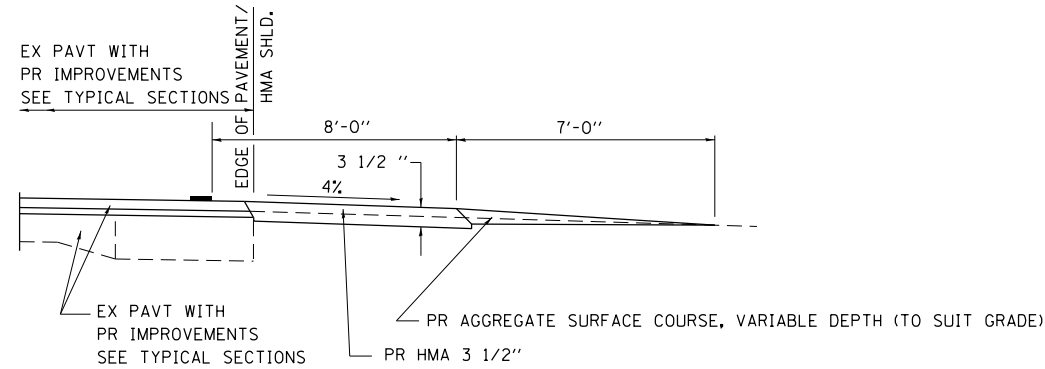
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUPERELEVATION DETAILS	
SCALE: NTS	SHEET 1 OF 1 SHEETS
STA. 16+28.97 TO STA. 33+49.34	

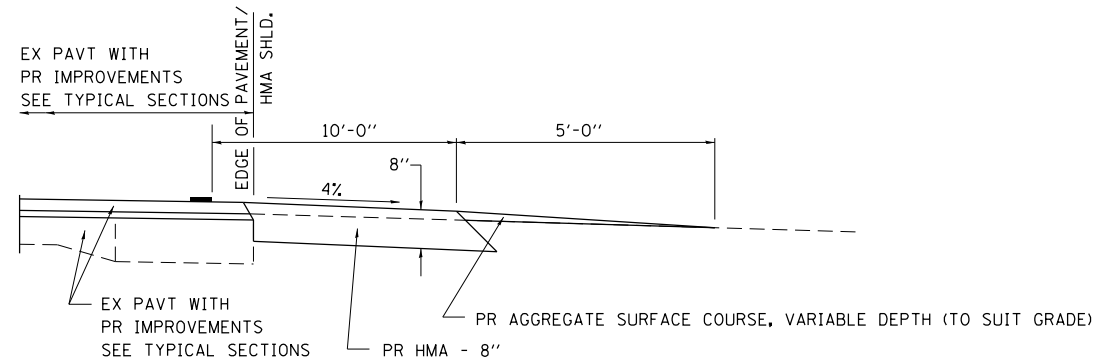
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	57
CONTRACT NO. 72C29				
ILLINOIS FED. AID PROJECT				



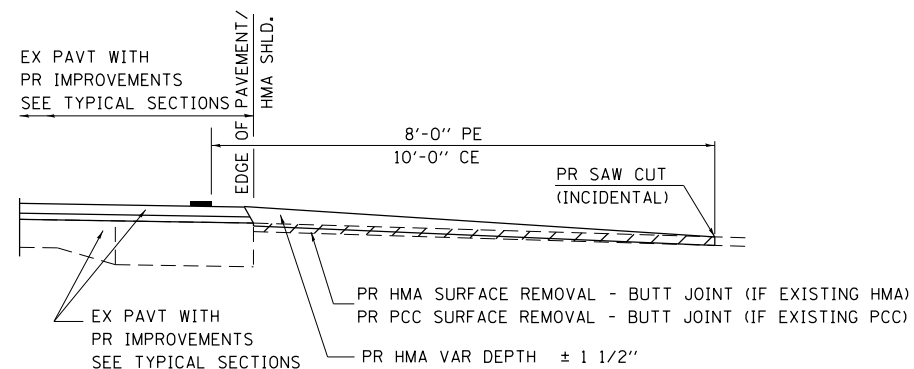
SECTION A-A FOR EX EARTH / AGGREGATE FE



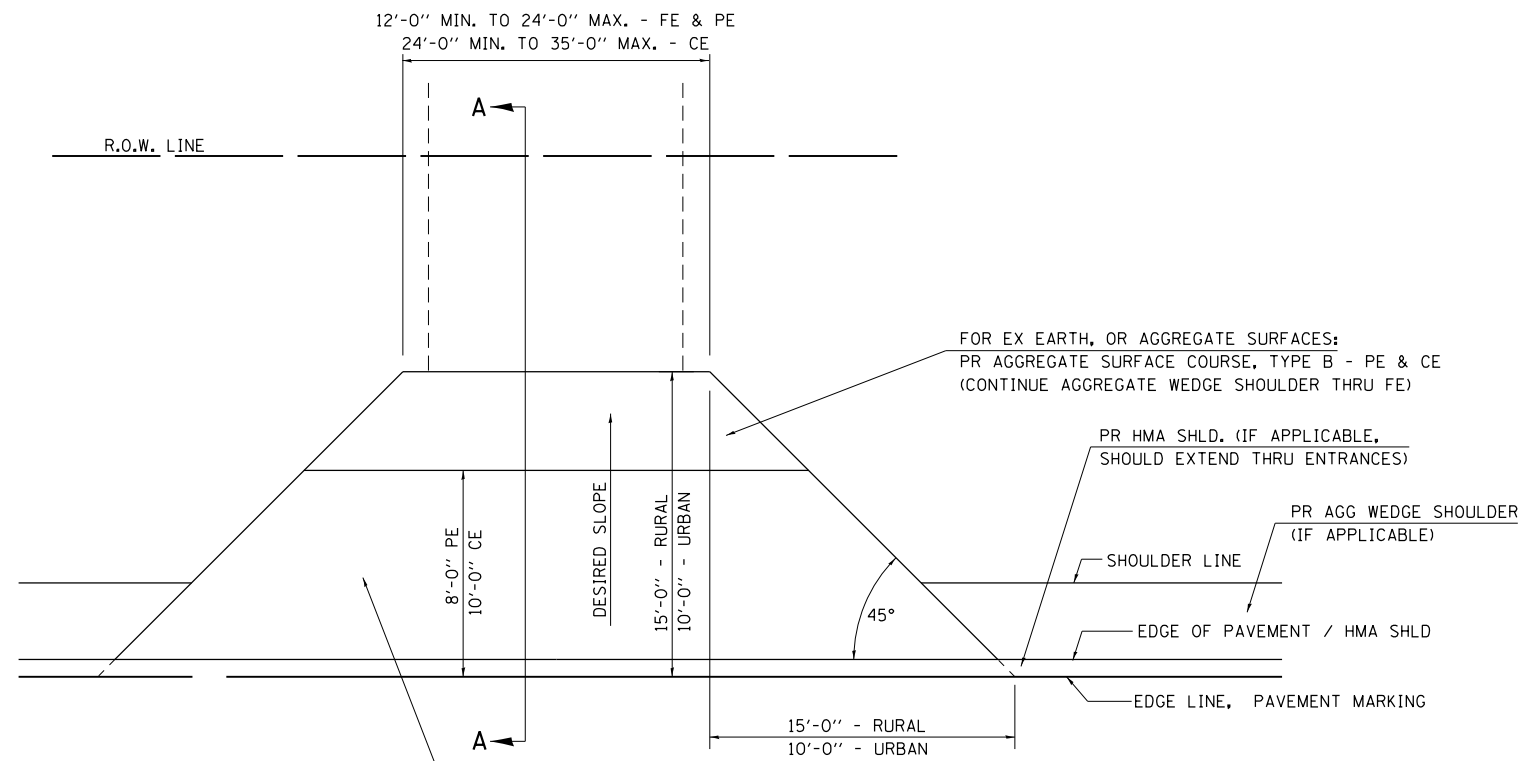
SECTION A-A FOR EX EARTH / AGGREGATE PE



SECTION A-A FOR EX EARTH / AGGREGATE CE & SIDE ROAD



SECTION A-A FOR EX HMA / PC CONCRETE PE, CE, & SIDE ROAD



FOR EX EARTH OR AGGREGATE SURFACES:
PR HMA SURFACE REMOVAL (IF APPLICABLE)
PR AGGREGATE WEDGE SHOULDER THRU - FE
PR HMA CONCRETE 3 1/2" - PE
PR HMA CONCRETE 8" - CE

FOR EX HMA CONCRETE SURFACES:
PR HMA SURFACE REMOVAL - BUTT JOINT

FOR EX PCC SURFACES:
PR PCC SURFACE REMOVAL - BUTT JOINT

GENERAL NOTES:

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS, AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

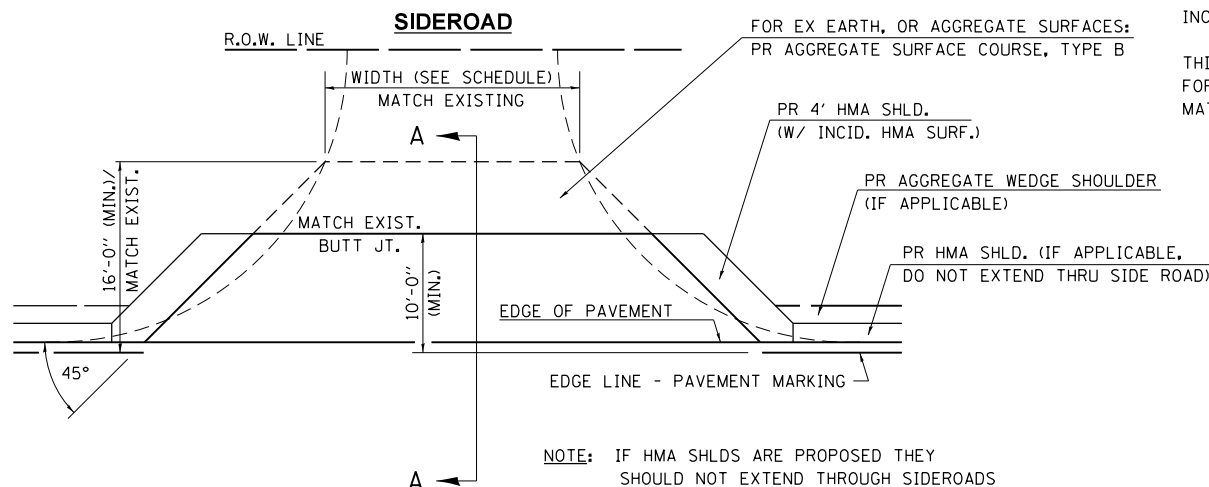
ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

HMA CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE HMA CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT, THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF HMA BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS, AND THE TOP LIFT OF 2 INCHES SHALL MEET THE REQUIREMENTS OF HMA CONCRETE SURFACE COURSE.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR "INCIDENTAL HOT-MIX ASPHALT SURFACING" WHICH SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR INVOLVED.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.



ENT PPP.DGN

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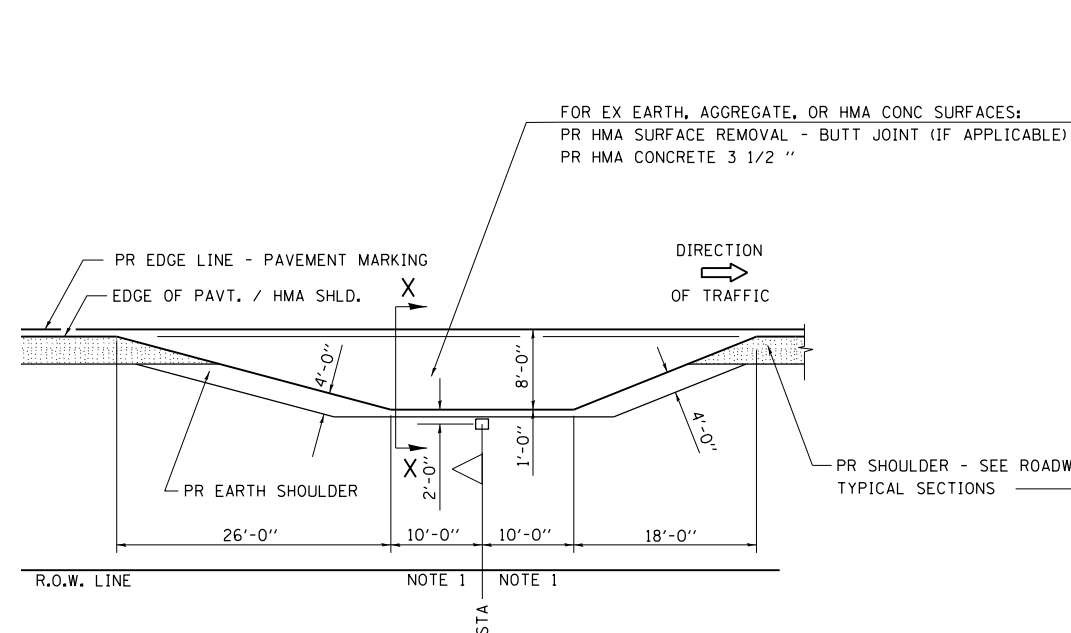
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX
TURNOUT & SIDEROADS W/O CONC. GUTTER (3-P PROJ.)

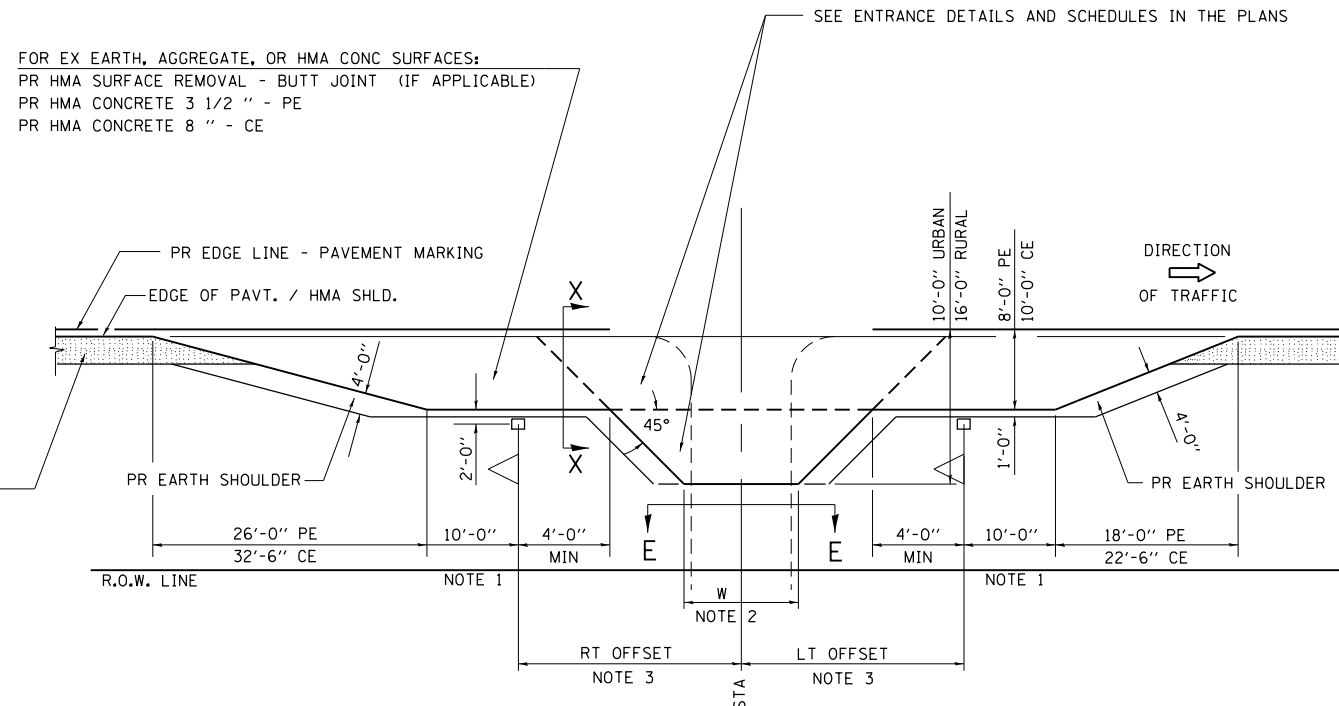
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 72C29				
ILLINOIS FED. AID PROJECT				

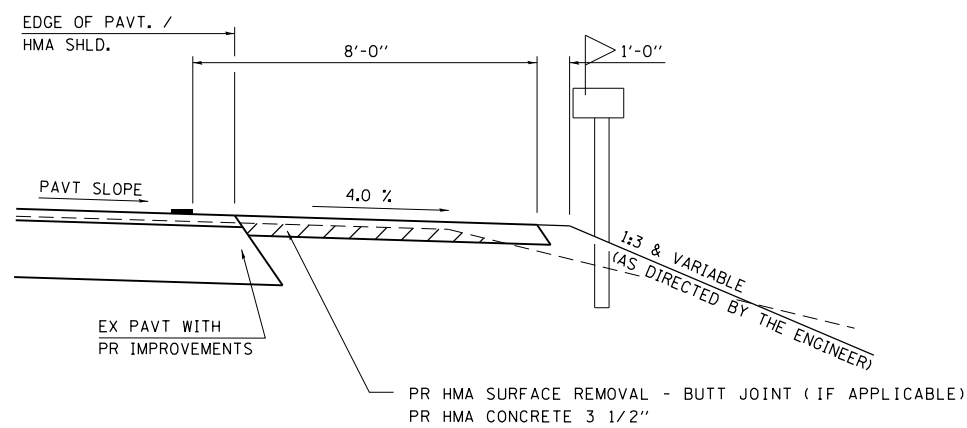
DETAILS OF MAILBOX TURNOUTS



PLAN - MAILBOX TURNOUTS

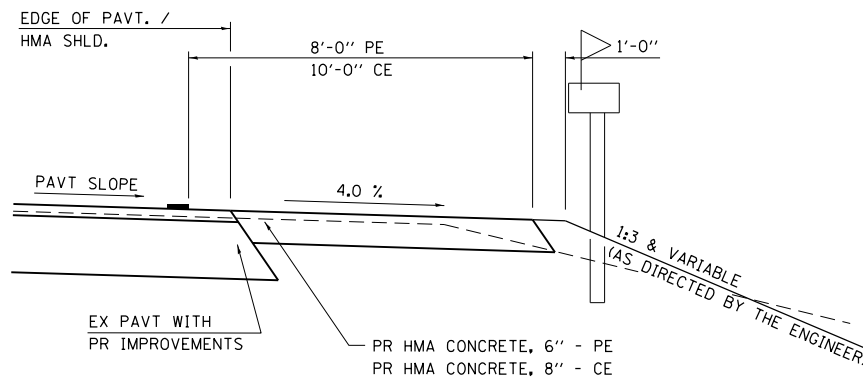


PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



SECTION X-X THRU MAILBOX TURNOUT
ALSO APPLIES TO MAILBOX TURNOUTS COMBINED WITH
EX EARTH, AGGREGATE, OR HMA PE & FE

(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST.
IF EXISTING, TREAT SAME AS ENTRANCE.)



SECTION X-X THRU MAILBOX TURNOUT
COMBINED WITH EX HMA CONC & PC CONC PE & CE

(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST.
IF EXISTING, TREAT SAME AS ENTRANCE.)

- NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.
- NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.
- NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SHOWN.

ENT PPP.DGN

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USER NAME = cabrerars	DESIGNED -	REVISED - 02/19/03	JCN
	DRAWN - CADD	REVISED - 04/01/04	JCN
PLOT SCALE = 40,0000 ' / in.	CHECKED - JCN	REVISED -	
PLOT DATE = 3/19/2018	DATE - 02/23/99	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX
TURNOUT & SIDEROADS W/O CONC. GUTTER (3-P PROJ.)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
506	(126)RS-3,BRR,BDR,BJR,SCR	ADAMS	59	59
CONTRACT NO. 72C29				
ILLINOIS FED. AID PROJECT				