

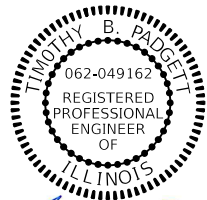
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96	DISTRICT 5 DETAIL NO. 40800050B MAILBOX TURNOUT (RURAL)
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101	DISTRICT 5 DETAIL NO. XZ193AAA SURVEY MARKERS TYPE 1 & 2 (SPECIAL)
102-115	CROSS SECTIONS

HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-13	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-18	TRAFFIC BARRIER TERMINAL, TYPE 6
631032-10	TRAFFIC BARRIER TERMINAL, TYPE 6A
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701801-06	SIDEWALK CORNER OR CROSSWALK CLOSURE
701901-09	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY

642006-01 SHOULDER RUMBLE STRIPS, 8 IN.



Timothy B. Padgett

TIMOTHY B. PADGETT, PE EXPIRATION DATE
 LICENSE NO. 062-049162 11-30-2025
 SHEETS 74-88 & 102-115

GENERAL NOTES

G.N.-100B
 MICROSTATION AND GEOPAK FILES OF THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR AFTER CONTRACT AWARD. IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLANS AND DOCUMENTS, THE PRINTED CONTRACT PLANS AND DOCUMENTS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES. THE CONTRACTOR SHALL ACCEPT ALL RISK ASSOCIATED WITH USING THE ELECTRONIC FILES AND SHALL HOLD THE DEPARTMENT HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERRORS OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN AN EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE, OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTING THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO USE OR ERRORS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES.

G.N.-105.09A
 ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

G.N.-201
 CONTRACTOR SHALL USE CARE DURING SIDEWALK REMOVAL AND OTHER CONSTRUCTION ACTIVITIES TO PREVENT DAMAGE TO TREE ROOTS ALONG THE PROJECT CORRIDOR.

G.N.-403
 BITUMINOUS SURFACE TREATMENT: GRADATION CA-14 (MID SPEC.) IS ASSUMED FOR COVER COATS AND GRADATION CA-16 (MID-SPEC.) IS ASSUMED FOR SEAL COATS.

THE AGGREGATE SHALL BE EITHER CRUSHED GRAVEL OR CARBONATE CRUSHED STONE AND SHALL BE CLASS C QUALITY OR BETTER. THE RESULTING TARGET APPLICATION RATES ARE AS FOLLOWS.

TYPE OF CONSTRUCTION	BITUMINOUS MATERIAL	APPLICATION RATE (GAL/SQ YD)	AGGREGATE	APPLICATION RATE (LB./SQ. YD.)
TACK COAT (HARD SURFACE)*	ART. 406.02	0.1	FA-1 OR FA-2	3.0
PRIME COAT (AGGREGATE SURFACE)*	MC-30 OR PEP	0.25	FA-1 OR FA-2	4.0
A-1	HFRS-2P / CRS-2P	0.35	CA-16	19.0

* TO BE USED WITH A-1 SEAL COAT.

NOTE:THE ENGINEER RESERVES THE RIGHT TO ADJUST THE TARGET APPLICATION RATES AND THE QUANTITIES.

G.N.-406H

MIXTURE REQUIREMENTS: THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

LOCATION	US 136	US 136	US 136	US 136	US 136
MIXTURE USE	MAINLINE SURFACE (RURAL SECTION)	MAINLINE SURFACE (URBAN LIMITS)	MAINLINE BINDER (URBAN LIMITS)	INCIDENTAL	PATCHING
STA. - STA.	32+09.75 R3 - 773+63.89 R4	55+80.98 R1 - 32+09.75 R3	55+80.98 R1 - 32+09.75 R3	SEE DETAILS	SEE DETAILS
AC/PG	PG 64-22	SBS PG 70-22	SBS PG 70-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ Ndes=50	4.0% @ Ndes=50	4.0% @ Ndes=50	4.0% @ Ndes=50	4.0% @ Ndes=50
MIX COMP (GRADATION)	IL 9.5	IL 9.5	IL 9.5 FG	IL 9.5	IL 19.0
FRICTION AGGREGATE	MIX C	MIX D	N/A	MIX C	N/A
MIXTURE WEIGHT	112	112	112	112	112
QUALITY MANAGEMENT PROGRAM	QCP	QC/QA	QC/QA	QC/QA	QC/QA
SUBLOT SIZE	1000	3000	3000	3000	3000
MATERIAL TRANSFER DEVICE	NO	NO	NO	NO	NO

G.N.-440B
 THE EXISTING TIE BARS BETWEEN THE EXISTING PAVEMENT AND EXISTING MEDIANS, GUTTERS AND/OR COMBINATION CURB AND GUTTERS THAT ARE FOUND SUITABLE FOR REUSE SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY EXISTING TIE BARS THAT ARE FOUND UNSUITABLE TO BE INCORPORATED INTO THE PROPOSED CONSTRUCTION DUE TO EXCESS RUSTING OR DISTRESS SHALL BE REMOVED FLUSH WITH THE FACE OF THE EXISTING CONCRETE AND DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH ART. 202.03 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE VARIOUS REMOVAL PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-703A

SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (TACK COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

G.N.-781

THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS.

COMMITMENTS

COMMITMENTS: (NONE)

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Prairie Engineers, P.C. 404 N. Main Street Columbia, IL 62236 (217) 605-0463 www.prairieengineers.com professional design firm no. 164-005965 © Copyright Public Engineers of Illinois, P.C. 2019	USER NAME = bbrennan	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US ROUTE 136 INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 1/25/2024				SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.	*F.A.P. 315 & 709	CONTRACT NO. 70E12	ILLINOIS FED. AID PROJECT

80% FED
20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	F.A.P. 315 & F.A.P. 709 (US 136) STA. 483+35.00 TO STA. 714+00 OTHER PRINCIPAL ARTERIAL MCLEAN COUNTY		F.A.P. 709 (US 136) STA. 714+00 TO STA. 773+63.89 OTHER PRINCIPAL ARTERIAL MCLEAN COUNTY	
				ROADWAY		ROADWAY	
				0005		0005	
				RURAL		RURAL	
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SQ YD	215	139		76	
44201831	CLASS D PATCHES, TYPE III, 15 INCH	SQ YD	48	48			
44201833	CLASS D PATCHES, TYPE IV, 15 INCH	SQ YD	53	53			
48101200	AGGREGATE SHOULDERS, TYPE B	TON	46	44		2	
56109210	WATER VALVES TO BE ADJUSTED	EACH	15	15			
60255500	MANHOLES TO BE ADJUSTED	EACH	3	3			
60260100	INLETS TO BE ADJUSTED	EACH	2	2			
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	117	117			
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	149	149			
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1650	1650			
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4			
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4	4			
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	14	14			
63200310	GUARDRAIL REMOVAL	FOOT	2485	2485			
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	138,925	126,510		12,415	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2	2			

* = SPECIALTY ITEM

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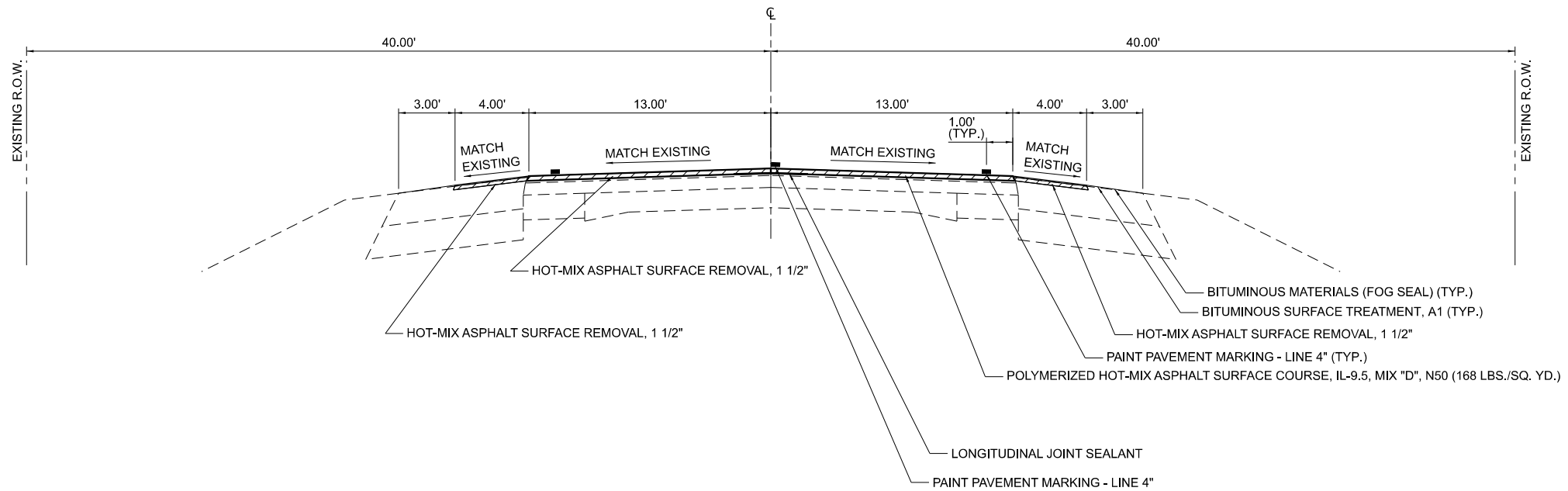
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136
SUMMARY OF QUANTITIES

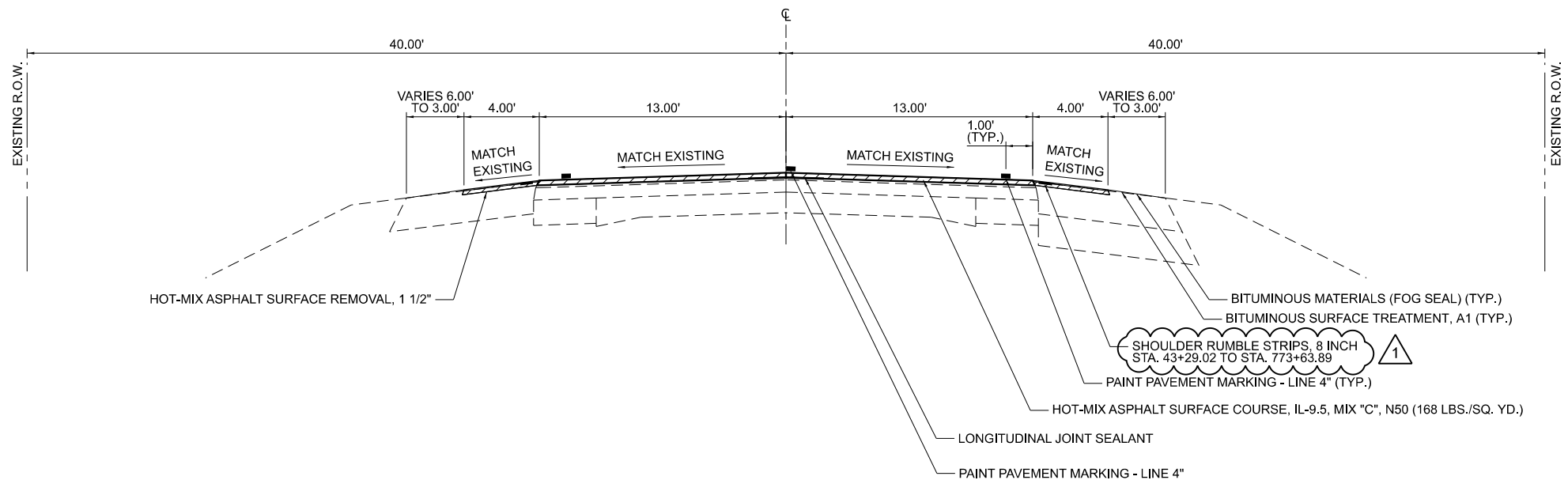
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(101,102,103,57-24)RS	MCLEAN	115	5
*F.A.P. 315 & 709		CONTRACT NO. 70E12		
ILLINOIS FED. AID PROJECT				

8 PROPOSED TYPICAL CROSS SECTION
7 STA. 20+74.00 R2 TO STA. 31+18.60 R2
 STATION EQUATION: STA. 31+18.60 R2 (BK) = STA. 31+28.68 R3 (AH)
 STA. 31+28.68 R3 TO STA. 32+09.75 R3 **9**



9 PROPOSED TYPICAL CROSS SECTION
8 STA. 32+09.75 R3 TO STA. 521+80.00 R3
 STATION EQUATION: STA. 521+80.00 R4 (BK) = STA. 521+92.10 R4 (AH)
 STA. 521+92.10 R4 TO STA. 615+61.32 R4
 STRUCTURE OMISSION: STA. 615+61.32 R4 TO STA. 618+35.81 R4
 STA. 618+35.81 R4 TO STA. 704+62.33 R4
 STRUCTURE OMISSION: STA. 704+62.33 R4 TO STA. 707+80.63 R4
 STA. 707+80.63 R4 TO STA. 773+63.89 R4



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136
TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(101,102,103,57-24)RS	MCLEAN	115	18
*F.A.P. 315 & 709		CONTRACT NO. 70E12		
ILLINOIS		FED. AID PROJECT		

