

09/23/2022 LETTING ITEM 047

SEE SHEET 2 FOR INDEX OF SHEETS AND LIST OF ILLINOIS DOT HIGHWAY STANDARDS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED HIGHWAY SAFETY IMPROVEMENT PROJECT

FAS 642 BRUCE-FINDLAY ROAD (CH 4) MOULTRIE COUNTY SECTION 20-00031-00-SD PROJECT NO. 8V9U(618) C-97-009-22

Table with columns: F.A.S. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO. Values: 642, 20-00031-00-SD, MOULTRIE, 29, 1

UTILITY TYPE: TELEPHONE FRONTIER COMMUNICATIONS ATTN: KALIN HINSHAW PHONE: (815) 895-1515

UTILITY TYPE: ELECTRIC COLES-MOULTRIE ELECTRIC CO. ATTN: JIM WALLACE PHONE: (217) 258-5815 PHONE: (217) 235-0341

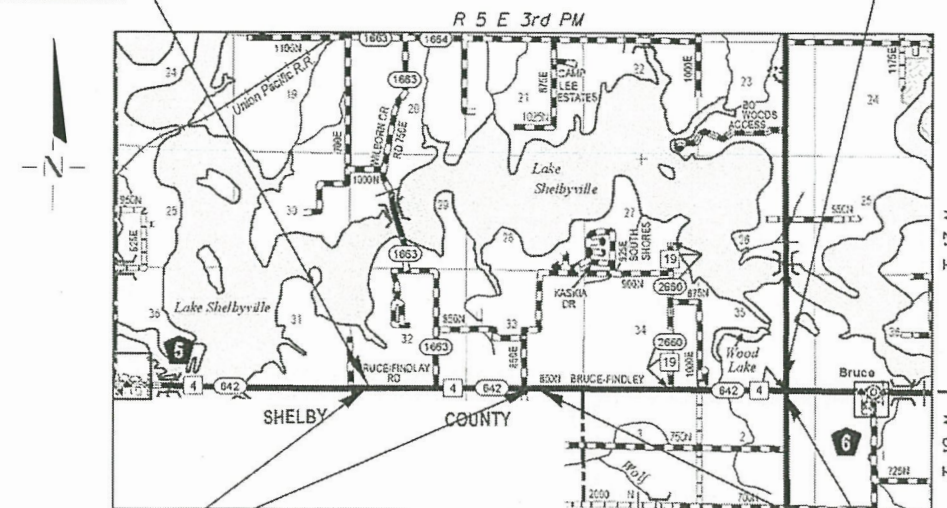
UTILITY TYPE: WATER MOULTRIE CO RURAL WATER ATTN: ANGELA EMEL PHONE: (217) 728-8842

UTILITY TYPE: TV /INTERNET MEDIACOM ATTN: JAMES STONE PHONE: (845) 587-2492

UTILITY TYPE: TRAFFIC SIGNALS /TRAFFIC COUNTERS ILLINOIS DEPARTMENT OF TRANSPORTATION ATTN: DISTRICT 7 BUREAU OF OPERATIONS PHONE: (217) 342-8261

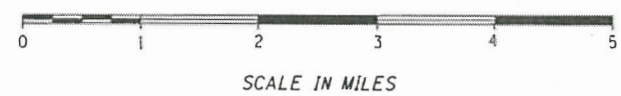
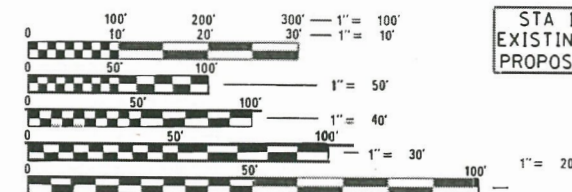


IMPROVEMENT BEGINS STA 115+42.50 IMPROVEMENT ENDS STA 299+59.40



STA 115+42.50 TO STA 184+51.50 EXISTING HMA SHOULDERS TO REMAIN PROPOSED SHOULDER RUMBLE STRIPS

STA 184+51.50 TO STA 299+59.40 PROPOSED HMA SHOULDERS PROPOSED SHOULDER RUMBLE STRIPS

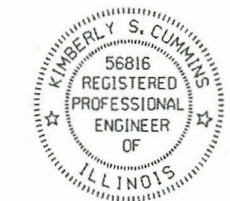


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

GROSS LENGTH OF SECTION = 18,416.90 FEET = 3.49 MILES NET LENGTH OF SECTION = 18,416.90 FEET = 3.49 MILES

FUNCTIONAL CLASSIFICATION : MAJOR COLLECTOR DESIGN SPEED 50 MPH CURRENT ADT= 2550 (2019)

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



Kimberly S. Cummins 7/15/2022

ILLINOIS PROFESSIONAL NO. 56816 (Expires 11/30/23)

Approval table with columns for State of Illinois Department of Transportation, Approved, Passed, Released for Bid Based on Limited Review, and dates/signatures.

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INDEX OF SHEETS

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LIST OF HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
442101-09	CLASS B PATCHES
442201-03	CLASS C AND D PATCHES
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
642006-01	SHOULDER RUMBLE STRIPS, 8 IN.
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' to 24" FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
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
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701901-08	TRAFFIC CONTROL DEVICES

GENERAL NOTES

- ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE EDITION, AS INDICATED BY THE SUB-NUMBER, LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.
- WHERE PROPOSED CONSTRUCTION ABUTS EXISTING APPURTENANCES, A SAW CUT SHALL BE MADE TO ACHIEVE A NEAT BUTT JOINT. SAW CUTS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE TYPE OF WORK ENCOUNTERED.
- THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY AND AS DIRECTED BY THE ENGINEER.
SEEDING, CLASS 2 (SPECIAL) DISTURBED AREA = 0.50 ACRES
- TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO DISTURBED EARTH DURING THE PERIOD WHEN PERMANENT SEEDING IS NOT ALLOWED.
- ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- ALL EXCAVATED MATERIAL SHALL BE DISPOSED OF AT AN OFF-SITE LOCATION APPROVED BY THE ENGINEER AND THE COUNTY.
- THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION	SHOULDERS & INCIDENTAL	SHOULDERS
MIXTURE USE	HMA SURFACE COURSE, IL-9.5, MIX "C", N70 (TOP 2" LIFT)	HMA BINDER COURSE, IL-19.0 (BOTTOM 4" LIFT)
PG	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N=70	4.0% @ N=70
MIX COMPOSITION	IL - 9.5	IL - 19.0
FRICTION AGGREGATE	MIXTURE C	N/A
MIXTURE WEIGHT	N70	N70
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA
SUBLOT SIZE	N/A	N/A
MATERIAL TRANSFER DEVICE (REQUIRED)	N/A	N/A

APPLICATION RATES USED IN QUANTITY CALCULATIONS

TEMPORARY EROSION CONTROL SEEDING _____ 100 LB/ACRE
 GRANULAR MATERIALS _____ 2.05 TON/CU YD
 BITUMINOUS MATERIALS (PRIME COAT) _____ 0.05 LB/SQ FT
 BITUMINOUS MATERIALS (TACK COAT) _____ 0.025 LB/SQ FT

COMMITMENTS

NONE AT THIS TIME

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**MOULTRIE COUNTY
CH 4 IMPROVEMENTS**

**INDEX OF SHEETS, HIGHWAY STANDARDS
AND GENERAL NOTES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-SD	MOULTRIE	29	2
CONTRACT NO. 95926				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE	CONSTRUCTION TYPE CODE
				HSIP	STP-RURAL
				QUANTITY	QUANTITY
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	50		50
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	271	271	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	144	144	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	295	295	
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	67	67	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	114	114	
44200926	CLASS B PATCHES, TYPE IV, 7 INCH	SQ YD	236		236
44201317	CLASS C PATCHES, TYPE II, 7 INCH	SQ YD	160		160
44213000	PATCHING REINFORCEMENT	SQ YD	396		396
44213198	TIE BARS 1/2"	EACH	114		114
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1,076	1,076	
* 48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	10,127	10,127	
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	51		51
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	1,001		1,001

* SEE SPECIAL PROVISIONS

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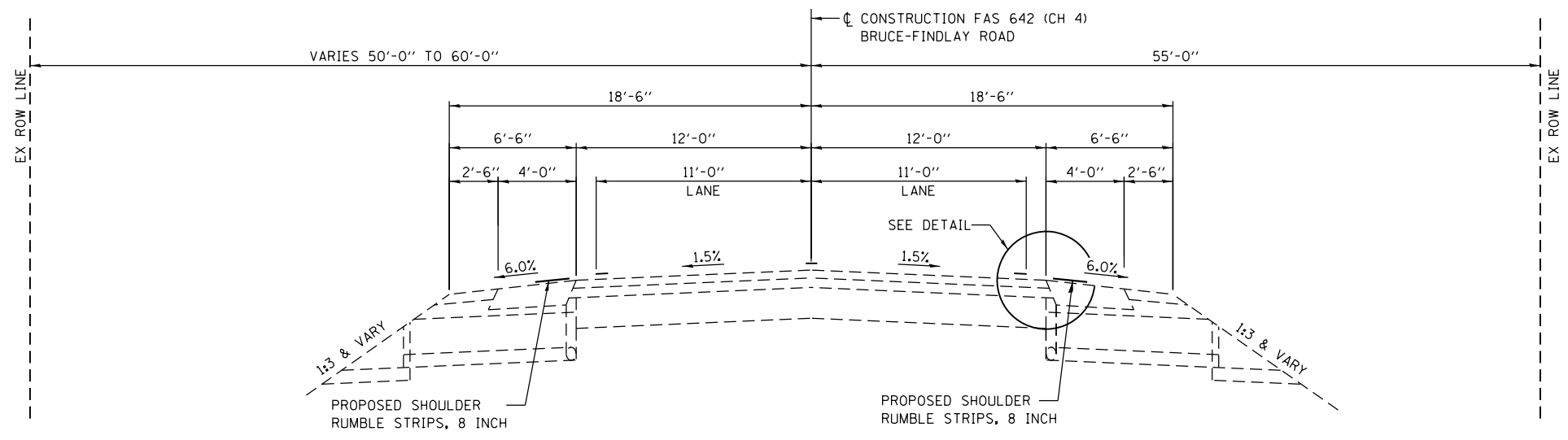
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MOULTRIE COUNTY
CH 4 IMPROVEMENTS

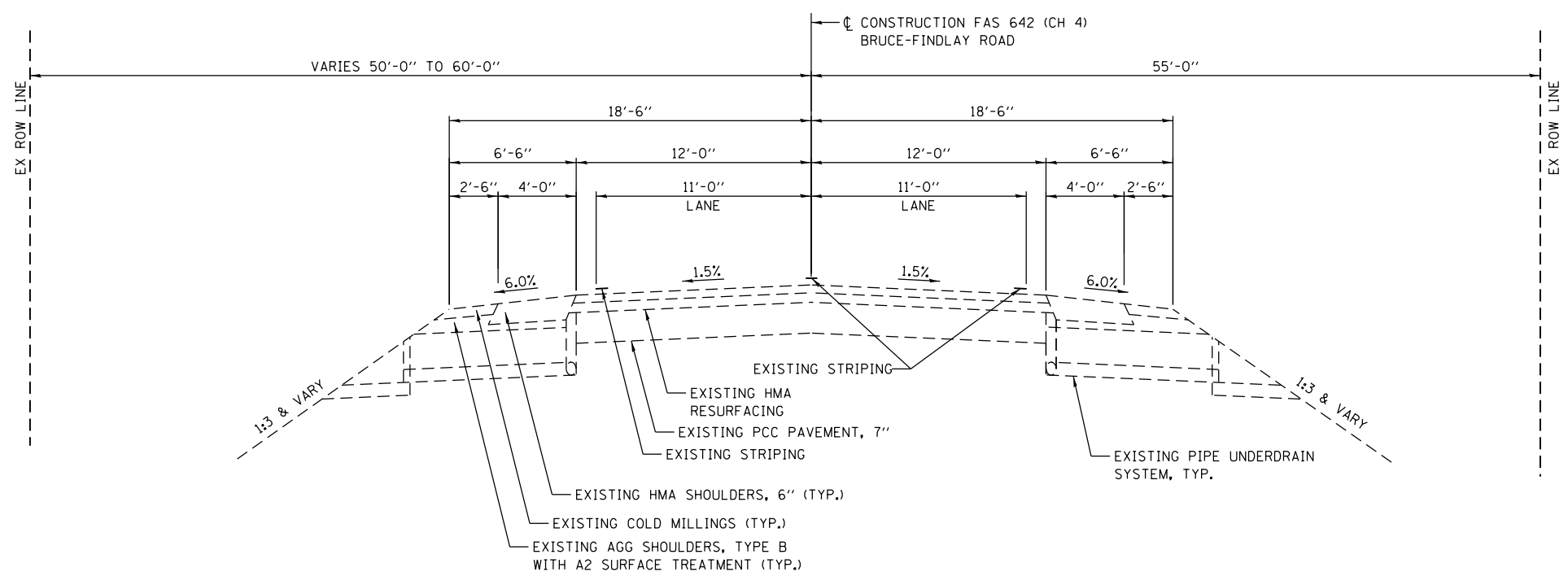
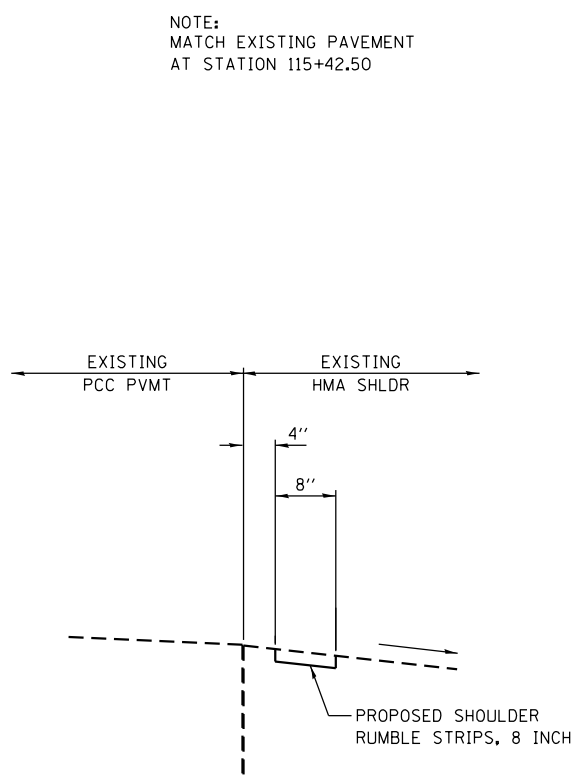
SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-SD	MOULTRIE	29	3
CONTRACT NO. 95926				
ILLINOIS			FED. AID PROJECT	



PROPOSED TYPICAL SECTION
STA 115+42.50 TO STA 184+51.50



EXISTING TYPICAL SECTION
STA 115+42.50 TO STA 184+51.50

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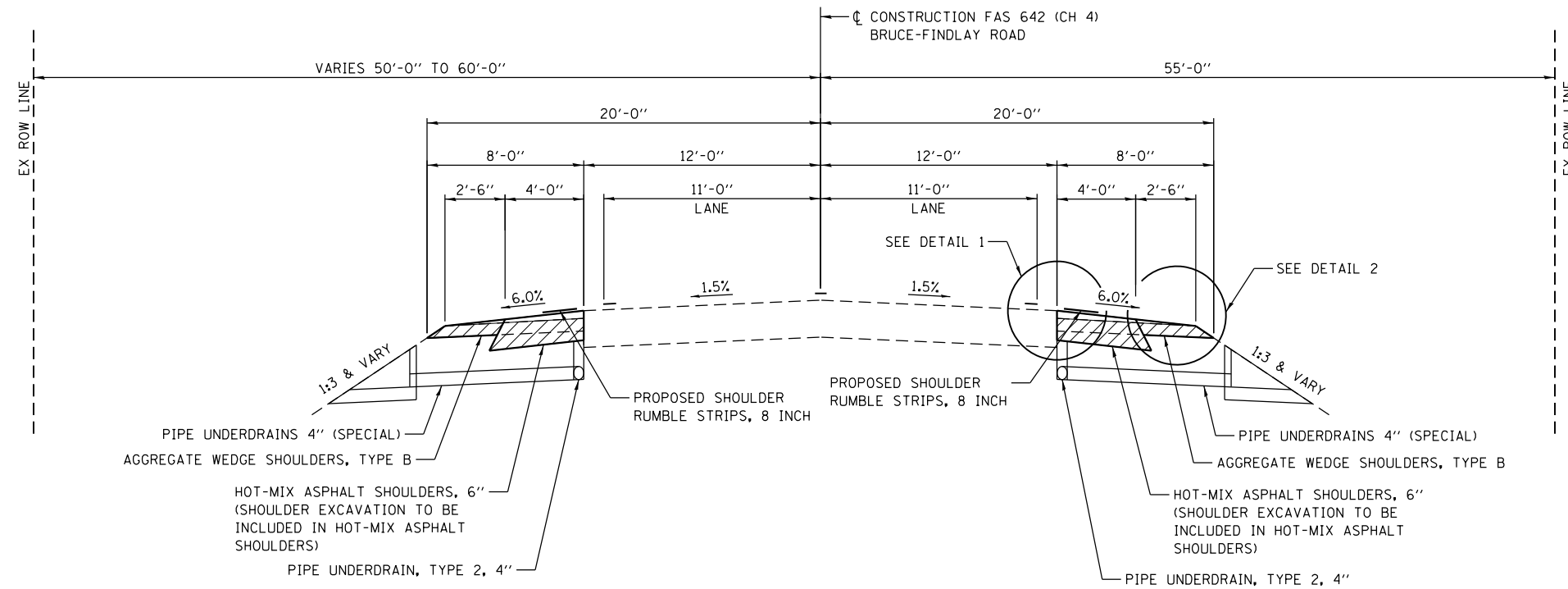
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**MOULTRIE COUNTY
CH 4 IMPROVEMENTS**

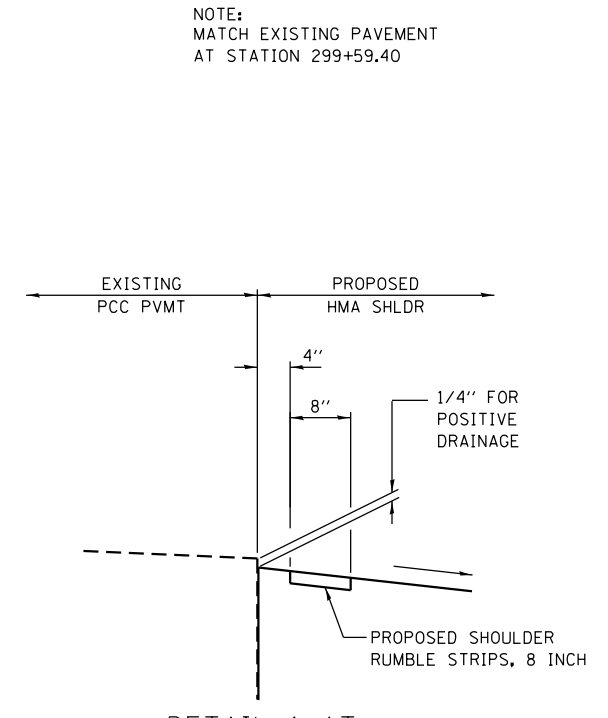
TYPICAL SECTIONS

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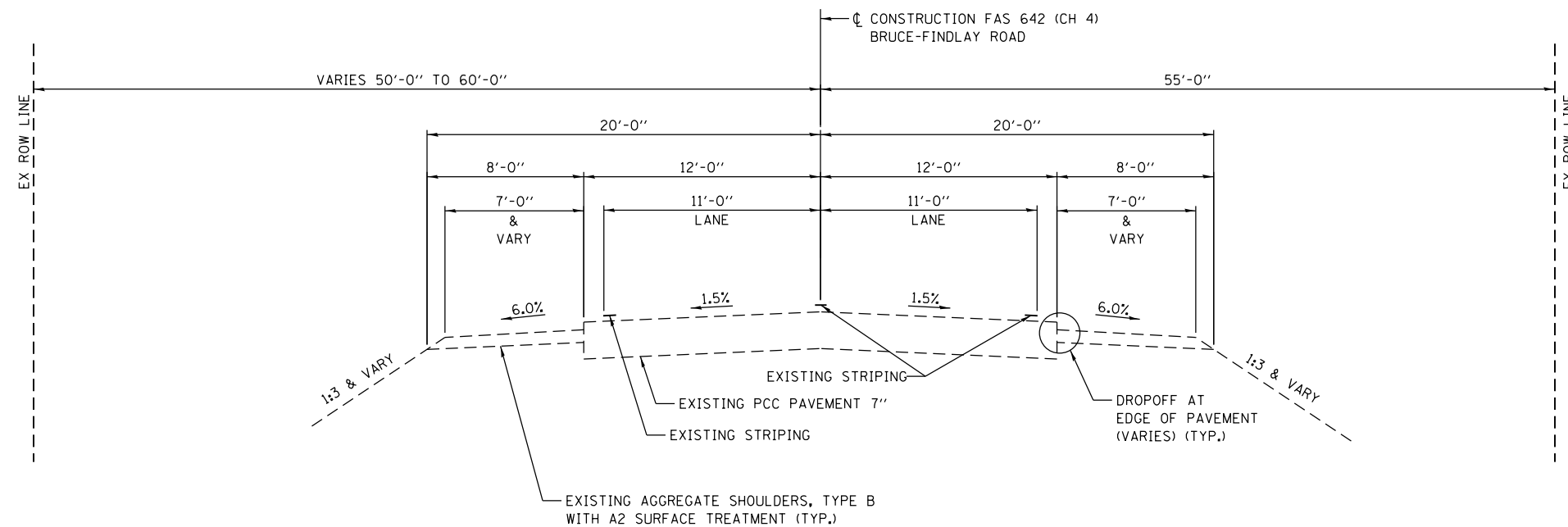
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CONTRACT NO. 95926				
		ILLINOIS	FED. AID PROJECT	



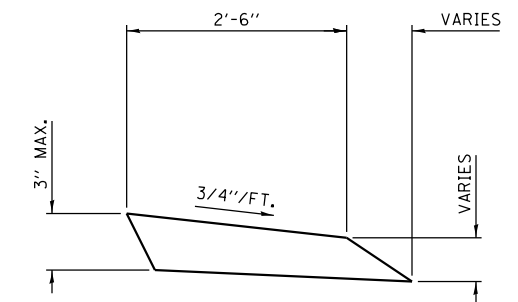
PROPOSED TYPICAL SECTION
STA 184+51.50 TO STA 299+59.40



DETAIL 1 AT
PROPOSED HMA SHOULDER



EXISTING TYPICAL SECTION
STA 184+51.50 TO STA 299+59.40



DETAIL 2 AT
AGGREGATE WEDGE SHOULDER

NOTE:
MATCH EXISTING PAVEMENT
AT STATION 299+59.40

NOTE:
SEE PLAN AND SCHEDULE FOR LOCATIONS
OF PAVEMENT PATCHING

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CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

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**MOULTRIE COUNTY
CH 4 IMPROVEMENTS**

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-SD	MOULTRIE	29	6
CONTRACT NO. 95926				
		ILLINOIS	FED. AID PROJECT	

28000250 TEMPORARY EROSION CONTROL SEEDING

LOCATION (AT PIPE UNDERDRAIN OUTLETS)	POUND
LT STA 184+51.50 TO STA 299+59.40	24
RT STA 184+51.50 TO STA 299+59.00	24
TOTAL	48
USE	50

ENTRANCE & SIDEROAD IMPROVEMENTS

LOCATION					40200800	40600982	40600275	40800029	40800050
					AGGREGATE SURFACE COURSE, TYPE B	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING
STATION	TYPE	WIDTH FOOT	LENGTH FOOT	THICKNESS INCH	TON	SQ YD	POUND	POUND	TON
LT STA 194+91.90	EARTH FE	41.5	10	6	19.23				
LT STA 196+48.70	AGG FE	18.9	34	6 & VARIES	11.40		14.36		10.72
LT STA 211+55.80	EARTH FE	19.6	10	6	11.18				
LT STA 221+33.50	EARTH FE	30.8	10	6	15.54				
LT STA 222+97.50	AGG FE	12.0	34	6 & VARIES	7.30		11.00		8.21
LT STA 225+03.50	AGG FE	20.8	34	6 & VARIES	12.65		15.42		11.51
LT STA 234+45.80	EARTH FE	19.1	10	6	11.04				
LT STA 243+77.60	EARTH FE	17.6	10	6	10.50				
LT STA 248+00.00	HMA 975E	27.7	20	1.5		112.37		25.28	9.44
LT STA 261+46.20	HMA 1000E	22.0	38	1.5		182.34		41.03	15.32
LT STA 264+16.30	AGG PE	23.1	34	6 & VARIES	14.36		16.53		12.34
LT STA 275+54.20	AGG PE	24.0	38	6 & VARIES	16.91		17.04		12.72
LT STA 280+42.60	EARTH FE	21.2	10	6	11.76				
LT STA 297+85.00	EARTH FE	18.0	10	6	10.63				
RT STA 194+93.70	EARTH FE	26.0	10	6	13.51				
RT STA 221+33.50	EARTH FE	12.5	10	6	8.52				
RT STA 234+69.70	EARTH FE	19.9	10	6	11.20				
RT STA 245+49.20	EARTH FE	24.5	10	6	13.03				
RT STA 253+08.30	EARTH FE	24.5	10	6	13.04				
RT STA 258+41.10	EARTH FE	25.5	10	6	13.47				
RT STA 259+64.50	EARTH FE	34.2	10	6	16.87				
RT STA 261+25.00	AGG 1000E	19.3	43	1.5	9.67		31.54		5.89
RT STA 265+47.70	AGG PE/MBTO	17.0	28	6 & VARIES	9.34		19.78		14.77
RT STA 275+54.60	AGG MBTO	20.0	8	6			6.60		4.93
RT STA 276+93.40	AGG FE	12.3	38	6 & VARIES	8.88		11.13		8.31
TOTAL					270.03	294.71	143.38	66.31	114.16
USE					271	295	144	67	114

NOTES:

- EXISTING EARTH FE LOWER THAN HMA SHOULDER SHALL BE ADJUSTED WITH AGGREGATE SURFACE COURSE AS DIRECTED BY THE ENGINEER.
- ENTRANCE IMPROVEMENTS SHALL UTILIZE THE EXISTING BASE AS SHOWN IN THE PLANS. THE PROPOSED SURFACE SHALL BE ADJUSTED TO FIT EXISTING GROUND CONDITIONS AS DIRECTED BY THE ENGINEER.

48102100 AGGREGATE WEDGE SHOULDERS, TYPE B

LOCATION	WIDTH	AVG THICKNESS	TON
	FOOT	INCH	
LT STA 184+51.50 TO STA 194+63.63	2.5	3	48.03
LT STA 195+20.16 TO STA 196+31.85	2.5	3	5.30
LT STA 196+65.62 TO STA 211+38.56	2.5	3	69.90
LT STA 211+73.10 TO STA 221+10.64	2.5	3	44.49
LT STA 221+56.46 TO STA 228+84.01	2.5	3	34.52
LT STA 223+11.60 TO STA 224+85.58	2.5	3	8.26
LT STA 225+21.40 TO STA 234+28.72	2.5	3	43.06
LT STA 234+62.91 TO STA 243+61.28	2.5	3	42.63
LT STA 243+93.87 TO STA 247+70.49	2.5	3	17.87
LT STA 248+27.05 TO STA 261+17.53	2.5	3	61.24
LT STA 261+83.33 TO STA 263+97.21	2.5	3	10.15
LT STA 264+35.29 TO STA 275+34.64	2.5	3	52.17
LT STA 275+73.62 TO STA 280+24.52	2.5	3	21.40
LT STA 280+60.67 TO STA 297+68.50	2.5	3	81.04
LT STA 298+01.50 TO STA 299+59.40	2.5	3	7.49
RT STA 184+51.50 TO STA 194+73.24	2.5	3	48.49
RT STA 195+14.20 TO STA 221+19.53	2.5	3	123.63
RT STA 221+47.01 TO STA 234+52.22	2.5	3	61.94
RT STA 234+87.09 TO STA 245+29.48	2.5	3	49.47
RT STA 245+68.99 TO STA 252+88.52	2.5	3	34.14
RT STA 253+27.97 TO STA 258+20.87	2.5	3	23.39
RT STA 258+61.38 TO STA 259+39.47	2.5	3	3.71
RT STA 259+88.66 TO STA 260+93.65	2.5	3	4.98
RT STA 261+56.49 TO STA 265+39.40	2.5	3	18.17
RT STA 265+56.40 TO STA 276+79.81	2.5	3	53.31
RT STA 277+07.08 TO STA 299+59.40	2.5	3	106.88
TOTAL			1,075.65
USE			1,076

48203021 HOT-MIX ASPHALT SHOULDERS, 6"

LOCATION	WIDTH FOOT	SQ YD
LT STA 184+54.50 TO STA 247+59.61	4	2,802.27
LT STA 248+39.79 TO STA 261+13.22	4	565.97
LT STA 261+88.71 TO STA 299+59.40	4	1,675.86
RT STA 184+51.50 TO STA 260+88.90	4	3,394.40
RT STA 261+61.21 TO STA 299+59.40	4	1,688.08
TOTAL		10,126.59
ROUNDED TOTAL		10,127

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**MOULTRIE COUNTY
CH 4 IMPROVEMENTS**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-SD	MOULTRIE	29	7
CONTRACT NO. 95926				
ILLINOIS FED. AID PROJECT				

PATCHING SCHEDULE

LOCATION	LENGTH	WIDTH	44201317	44200926	44213000	44213198
			CLASS C PATCHES, TYPE II, 7"	CLASS B PATCHES, TYPE IV, 7"	PATCHING REINFORCEMENT	TIE BARS 1/2"
	FOOT	FOOT	SQ YD	SQ YD	SQ YD	EACH
LT STA 247+11.00	6	12	8.0		8.0	
LT STA 258+83.00	6	12	8.0		8.0	
LT STA 267+25.00	6	12	8.0		8.0	
LT STA 276+88.00	6	12	8.0		8.0	
LT STA 277+05.00	6	12	8.0		8.0	
LT STA 277+24.00	6	12	8.0		8.0	
LT STA 277+59.00	6	12	8.0		8.0	
LT STA 286+75.00	6	12	8.0		8.0	
LT STA 286+95.00	6	12	8.0		8.0	
LT STA 287+15.00	6	12	8.0		8.0	
LT STA 287+90.00 TO STA 289+47.00	157	12		209.3	209.3	84
LT STA 290+05.00	6	12	8.0		8.0	
LT STA 291+23.00	6	12	8.0		8.0	
RT STA 245+97.00	6	12	8.0		8.0	
RT STA 246+16.00	6	12	8.0		8.0	
RT STA 248+66.00	6	12	8.0		8.0	
RT STA 267+27.00	6	12	8.0		8.0	
RT STA 268+34.00 TO STA 268+54.00	20	12		26.7	26.7	30
RT STA 276+81.00	6	12	8.0		8.0	
RT STA 277+19.00	6	12	8.0		8.0	
RT STA 287+37.00	6	12	8.0		8.0	
RT STA 288+54.00	6	12	8.0		8.0	
TOTAL			160.0	236.0	396.0	114
USE			160	236	396	

60100060 CONCRETE HEADWALLS FOR PIPE DRAINS

LOCATION	EACH
LT STA 186+00.00	1
LT STA 191+00.00	1
LT STA 196+00.00	1
LT STA 200+00.00	1
LT STA 204+90.00 / STA 204+90.50	1
LT STA 210+00.00	1
LT STA 215+00.00	1
LT STA 220+00.00	1
LT STA 224+80.00	1
LT STA 230+00.00	1
LT STA 235+00.00	1
LT STA 240+00.00	1
LT STA 245+00.00	1
LT STA 247+50.00	1
LT STA 250+00.00	1
LT STA 255+00.00	1
LT STA 259+00.00	1
LT STA 261+00.00	1
LT STA 265+00.00	1
LT STA 267+00.00	1
LT STA 272+00.00 / STA 272+00.50	1
LT STA 278+00.00	1
LT STA 280+15.00	1
LT STA 284+82.00	1
LT STA 289+82.00	1
LT STA 294+82.00	1
RT STA 186+00.00	1
RT STA 191+00.00	1
RT STA 196+00.00	1
RT STA 200+00.00	1
RT STA 204+90.00 / STA 204+90.50	1
RT STA 210+00.00	1
RT STA 215+00.00	1
RT STA 220+00.00	1
RT STA 224+80.00	1
RT STA 230+00.00	1
RT STA 235+00.00	1
RT STA 240+00.00	1
RT STA 245+00.00	1
RT STA 250+00.00	1
RT STA 255+00.00	1
RT STA 259+00.00	1
RT STA 260+75.00	1
RT STA 265+00.00	1
RT STA 267+00.00	1
RT STA 272+00.00 / STA 272+00.50	1
RT STA 278+00.00	1
RT STA 280+15.00	1
RT STA 284+82.00	1
RT STA 289+82.00	1
RT STA 294+82.00	1
TOTAL	51

60108204 PIPE UNDERDRAINS, TYPE 2, 4"

LOCATION (TRENCH AT EDGE OF PAVEMENT)	FOOT
LT STA 184+51.50 TO STA 186+00.00	148.50
LT STA 186+00.00 TO STA 191+00.00	500.00
LT STA 191+00.00 TO STA 196+00.00	500.00
LT STA 196+00.00 TO STA 200+00.00	400.00
LT STA 200+00.00 TO STA 204+90.00	490.00
LT STA 204+90.50 TO STA 210+00.00	509.50
LT STA 210+00.00 TO STA 215+00.00	500.00
LT STA 215+00.00 TO STA 220+00.00	500.00
LT STA 220+00.00 TO STA 224+80.00	480.00
LT STA 224+80.00 TO STA 230+00.00	520.00
LT STA 230+00.00 TO STA 235+00.00	500.00
LT STA 235+00.00 TO STA 240+00.00	500.00
LT STA 240+00.00 TO STA 245+00.00	500.00
LT STA 245+00.00 TO STA 247+50.00	250.00
LT STA 248+44.00 TO STA 250+00.00	156.00
LT STA 250+00.00 TO STA 255+00.00	500.00
LT STA 255+00.00 TO STA 259+00.00	400.00
LT STA 259+00.00 TO STA 261+00.00	200.00
LT STA 261+98.00 TO STA 265+00.00	302.00
LT STA 265+00.00 TO STA 267+00.00	200.00
LT STA 267+00.00 TO STA 272+00.00	500.00
LT STA 272+00.50 TO STA 280+15.00	814.50
LT STA 280+15.00 TO STA 284+82.00	467.00
LT STA 284+82.00 TO STA 289+82.00	500.00
LT STA 289+82.00 TO STA 294+82.00	500.00
LT STA 294+82.00 TO STA 299+59.40	477.40
RT STA 184+51.50 TO STA 186+00.00	148.50
RT STA 186+00.00 TO STA 191+00.00	500.00
RT STA 191+00.00 TO STA 196+00.00	500.00
RT STA 196+00.00 TO STA 200+00.00	400.00
RT STA 200+00.00 TO STA 204+90.00	490.00
RT STA 204+90.50 TO STA 210+00.00	509.50
RT STA 210+00.00 TO STA 215+00.00	500.00
RT STA 215+00.00 TO STA 220+00.00	500.00
RT STA 220+00.00 TO STA 224+80.00	480.00
RT STA 224+80.00 TO STA 230+00.00	520.00
RT STA 230+00.00 TO STA 235+00.00	500.00
RT STA 235+00.00 TO STA 240+00.00	500.00
RT STA 240+00.00 TO STA 245+00.00	500.00
RT STA 245+00.00 TO STA 250+00.00	500.00
RT STA 250+00.00 TO STA 255+00.00	500.00
RT STA 255+00.00 TO STA 259+00.00	400.00
RT STA 259+00.00 TO STA 260+75.00	175.00
RT STA 261+69.00 TO STA 265+00.00	331.00
RT STA 265+00.00 TO STA 267+00.00	200.00
RT STA 267+00.00 TO STA 272+00.00	500.00
RT STA 272+00.50 TO STA 280+15.00	814.50
RT STA 280+15.00 TO STA 284+82.00	467.00
RT STA 284+82.00 TO STA 289+82.00	500.00
RT STA 289+82.00 TO STA 294+82.00	500.00
RT STA 294+82.00 TO STA 299+59.40	477.40
TOTAL	22,727.80
USE	22,728

MODEL: Default
FILE: 2649_1-ehs-schedules.dgn



JOB = 2649_1
FILE NAME = 2649_1-ehs-schedules.dgn
PLOT SCALE = 2.0000' / in.
PLOT DATE = 7/18/2022

DESIGNED - TSH
DRAWN - CGF
CHECKED - CGF
DATE - 4/27/2022

REVISED -
REVISED -
REVISED -
REVISED -

**MOULTRIE COUNTY
CH 4 IMPROVEMENTS**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-SD	MOULTRIE	29	8
CONTRACT NO. 95926				
ILLINOIS FED. AID PROJECT				

60108100 PIPE UNDERDRAINS 4" (SPECIAL)

LOCATION (OUTLET TO EXISTING DITCH)	FOOT
LT STA 186+00.00	18.00
LT STA 191+00.00	23.00
LT STA 196+00.00	18.00
LT STA 200+00.00	17.00
LT STA 204+90.00	19.00
LT STA 204+90.50	19.00
LT STA 210+00.00	17.00
LT STA 215+00.00	18.00
LT STA 220+00.00	18.00
LT STA 224+80.00	18.00
LT STA 230+00.00	18.00
LT STA 235+00.00	18.00
LT STA 240+00.00	17.00
LT STA 245+00.00	19.00
LT STA 247+50.00	17.00
LT STA 250+00.00	16.00
LT STA 255+00.00	15.00
LT STA 259+00.00	15.00
LT STA 261+00.00	17.00
LT STA 265+00.00	19.00
LT STA 267+00.00	16.00
LT STA 272+00.00	20.00
LT STA 272+00.50	20.00
LT STA 278+00.00	12.00
LT STA 280+15.00	26.00
LT STA 284+82.00	20.00
LT STA 289+82.00	19.00
LT STA 294+82.00	21.00
RT STA 186+00.00	19.00
RT STA 191+00.00	22.00
RT STA 196+00.00	19.00
RT STA 200+00.00	17.00
RT STA 204+90.00	19.00
RT STA 204+90.50	19.00
RT STA 210+00.00	18.00
RT STA 215+00.00	17.00
RT STA 220+00.00	17.00
RT STA 224+80.00	17.00
RT STA 230+00.00	16.00
RT STA 235+00.00	16.00
RT STA 240+00.00	16.00
RT STA 245+00.00	19.00
RT STA 250+00.00	17.00
RT STA 255+00.00	18.00
RT STA 259+00.00	15.00
RT STA 260+75.00	15.00
RT STA 265+00.00	19.00
RT STA 267+00.00	21.00
RT STA 272+00.00	17.00
RT STA 272+00.50	17.00
RT STA 278+00.00	15.00
RT STA 280+15.00	24.00
RT STA 284+82.00	23.00

60108100 PIPE UNDERDRAINS 4" (SPECIAL)

LOCATION (OUTLET TO EXISTING DITCH)	FOOT
RT STA 289+82.00	19.00
RT STA 294+82.00	20.00
TOTAL	1,001.00
USE	1,001

64200108 SHOULDER RUMBLE STRIPS, 8 INCH

LOCATION	FOOT
LT STA 115+42.50 TO STA 133+10.00	1,767.50
LT STA 134+12.00 TO STA 141+03.00	691.00
LT STA 141+76.00 TO STA 154+42.00	1,266.00
LT STA 154+83.00 TO STA 161+24.00	641.00
LT STA 161+71.00 TO STA 181+07.00	1,936.00
LT STA 181+70.00 TO STA 194+58.00	1,288.00
LT STA 195+26.00 TO STA 196+26.00	100.00
LT STA 196+71.00 TO STA 211+33.00	1,462.00
LT STA 211+79.00 TO STA 221+05.00	926.00
LT STA 221+62.00 TO STA 222+79.00	117.00
LT STA 223+17.00 TO STA 224+80.00	163.00
LT STA 225+27.00 TO STA 234+23.00	896.00
LT STA 234+69.00 TO STA 243+56.00	887.00
LT STA 243+99.00 TO STA 247+56.00	357.00
LT STA 248+44.00 TO STA 261+04.00	1,260.00
LT STA 262+00.00 TO STA 263+92.00	192.00
LT STA 264+41.00 TO STA 275+29.00	1,088.00
LT STA 275+79.00 TO STA 280+19.00	440.00
LT STA 280+66.00 TO STA 297+63.00	1,697.00
LT STA 298+07.00 TO STA 299+59.40	152.40
RT STA 115+42.50 TO STA 115+57.00	14.50
RT STA 115+79.00 TO STA 121+89.00	610.00
RT STA 122+34.00 TO STA 128+83.00	649.00
RT STA 129+15.00 TO STA 138+76.00	961.00
RT STA 139+15.00 TO STA 140+62.00	147.00
RT STA 141+01.00 TO STA 143+14.00	213.00
RT STA 143+58.00 TO STA 154+64.00	1,106.00
RT STA 154+99.00 TO STA 167+61.00	1,262.00
RT STA 168+02.00 TO STA 178+65.00	1,063.00
RT STA 179+04.00 TO STA 179+28.00	24.00
RT STA 179+67.00 TO STA 181+17.00	150.00
RT STA 181+80.00 TO STA 194+68.00	1,288.00
RT STA 195+20.00 TO STA 221+14.00	2,594.00
RT STA 221+53.00 TO STA 234+47.00	1,294.00
RT STA 234+93.00 TO STA 245+24.00	1,031.00
RT STA 245+75.00 TO STA 252+83.00	708.00
RT STA 253+34.00 TO STA 258+15.00	481.00
RT STA 258+67.00 TO STA 259+34.00	67.00
RT STA 259+94.00 TO STA 260+75.00	81.00
RT STA 261+69.00 TO STA 265+16.00	347.00
RT STA 266+10.00 TO STA 275+28.00	918.00
RT STA 275+75.00 TO STA 276+74.00	99.00
RT STA 277+13.00 TO STA 299+59.40	2,246.40
TOTAL	34,680.80
USE	34,681

X2501000 SEEDING, CLASS 2 (SPECIAL)

LOCATION (AT PIPE UNDERDRAIN OUTLETS)	ACRE
LT STA 184+51.50 TO STA 299+59.40	0.24
RT STA 184+51.50 TO STA 299+59.00	0.24
TOTAL	0.48
USE	0.50

MODEL: Default
 FILE: 2649_1-ehs-schedules.dgn



JOB = 2649.1
 FILE NAME = 2649_1-ehs-schedules.dgn
 PLOT SCALE = 2.0000" / in.
 PLOT DATE = 7/18/2022

DESIGNED - TSH
 DRAWN - CGF
 CHECKED - CGF
 DATE - 4/27/2022

REVISED -
 REVISED -
 REVISED -
 REVISED -

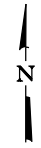
**MOULTRIE COUNTY
CH 4 IMPROVEMENTS**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-SD	MOULTRIE	29	9
CONTRACT NO. 95926				
ILLINOIS		FED. AID PROJECT		

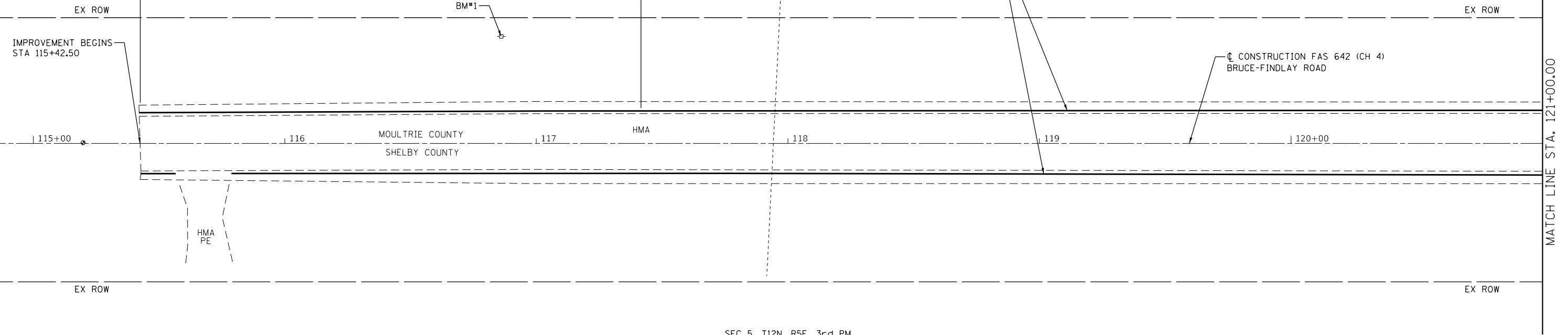
SEC 32, T13N, R5E, 3rd PM



ADD PROPOSED RUMBLE STRIPS TO EXISTING HMA SHOULDERS
 STA 115+42.50 TO STA 184+51.50
 (1.31 MILES)

±200' PAVEMENT TRANSITION

EXISTING HOT-MIX ASPHALT SHOULDERS
 PROPOSED SHOULDER RUMBLE STRIPS, 8 INCH

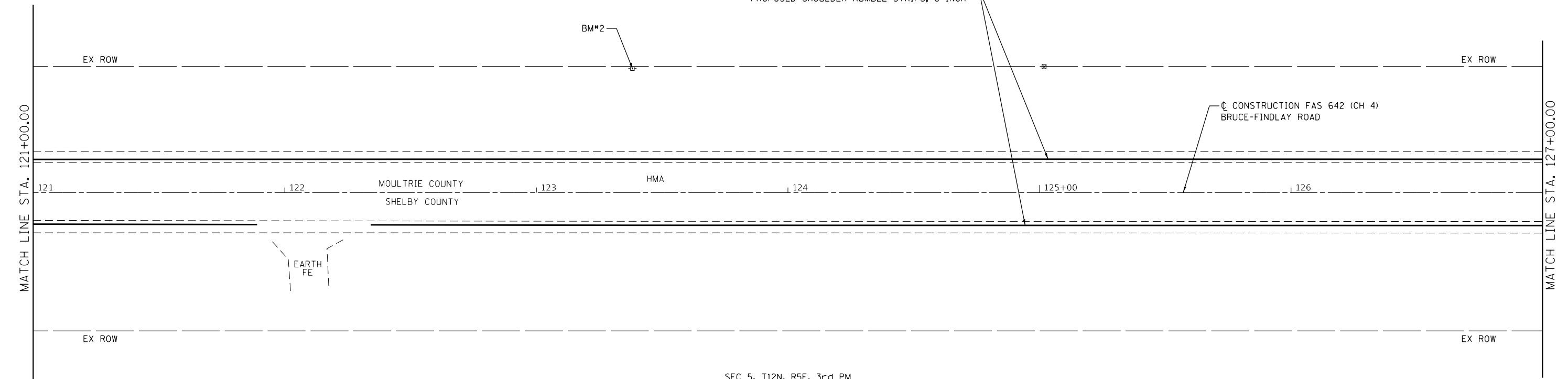


SEC 5, T12N, R5E, 3rd PM

BM#1 - SPIKE NAIL IN POWER POLE
 42.53' LT STA. 116+88.27
 ELEV. 648.17

SEC 32, T13N, R5E, 3rd PM

EXISTING HOT-MIX ASPHALT SHOULDERS
 PROPOSED SHOULDER RUMBLE STRIPS, 8 INCH



SEC 5, T12N, R5E, 3rd PM

BM#2 - SPIKE NAIL IN POWER POLE
 49.26' LT STA. 123+40.37
 ELEV. 651.67

MODEL Default
 FILE Name: 2649_1-sh-1-1-sh-1-plan.dgn



JOB = 2649.1
 FILE NAME = 2649_1-sh-1-1-sh-1-plan.dgn
 PLOT SCALE = 40,0000 ' / in.
 PLOT DATE = 7/18/2022

DESIGNED - TSH
 DRAWN - TSH
 CHECKED - CGF
 DATE - 4/14/2022

REVISED -
 REVISED -
 REVISED -
 REVISED -

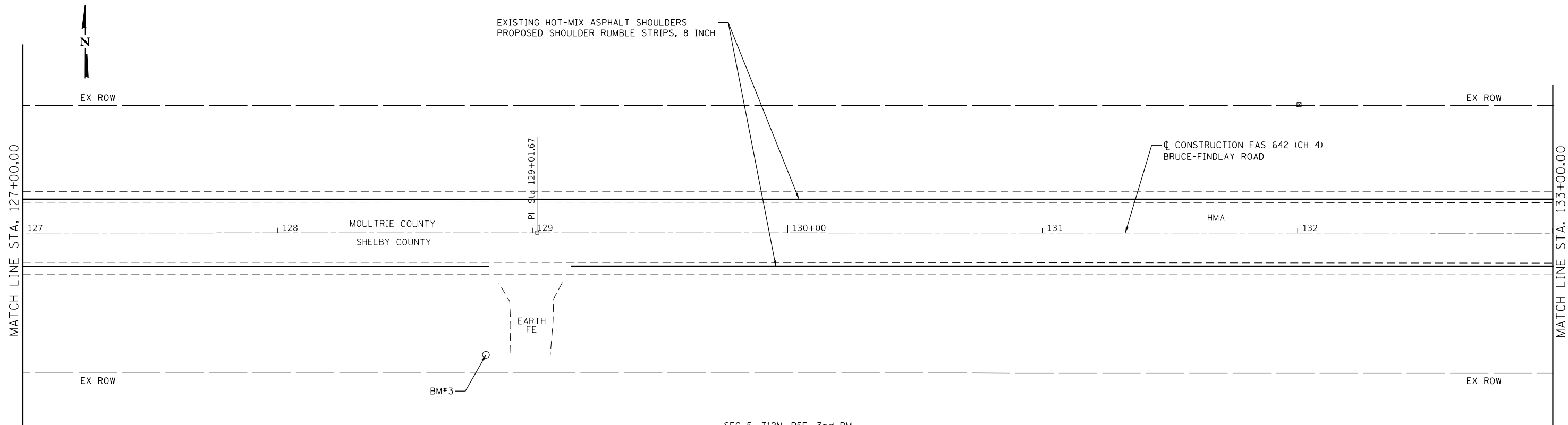
**MOULTRIE COUNTY
 CH 4 IMPROVEMENTS**

SHOULDER & PATCHING PLAN

SCALE: SHEET OF SHEETS STA. 115+00.00 TO STA. 127+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-5D	MOULTRIE	29	10
CONTRACT NO. 95926				
ILLINOIS FED. AID PROJECT				

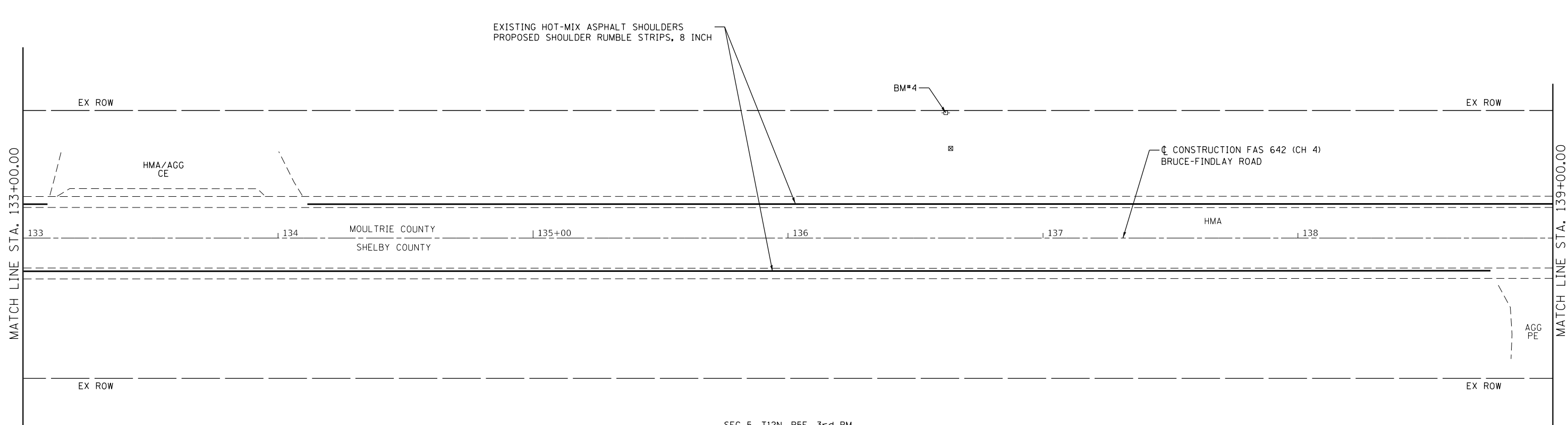
SEC 32, T13N, R5E, 3rd PM



SEC 5, T12N, R5E, 3rd PM

BM#3 - DISK AT PROP CORNER
47.84' RT STA. 128+83.88
ELEV. 647.22

SEC 32, T13N, R5E, 3rd PM



SEC 5, T12N, R5E, 3rd PM

BM#4 - SPIKE NAIL IN POWER POLE
48.94' LT STA. 136+64.12
ELEV. 646.19

MODEL Default
FILE Name: 2649.1-sht-plan.dgn



JOB = 2649.1
FILE NAME = 2649.1-sht-plan.dgn
PLOT SCALE = 40,0000 ' / in.
PLOT DATE = 7/18/2022

DESIGNED - TSH
DRAWN - TSH
CHECKED - CGF
DATE - 4/14/2022

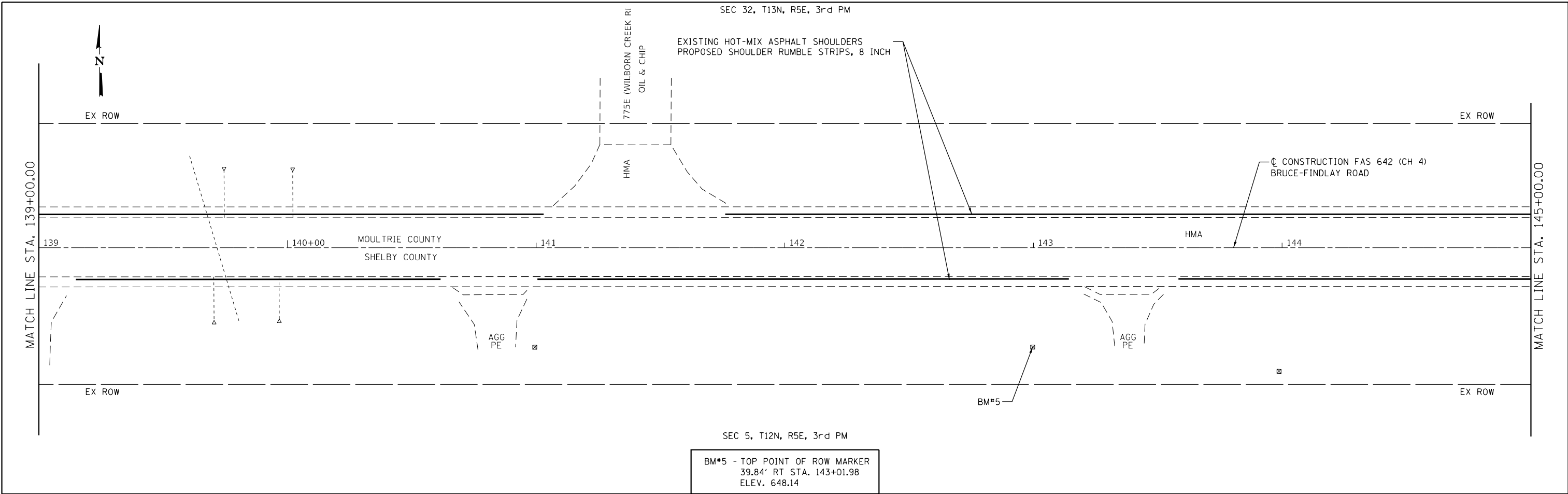
REVISED -
REVISED -
REVISED -
REVISED -

**MOULTRIE COUNTY
CH 4 IMPROVEMENTS**

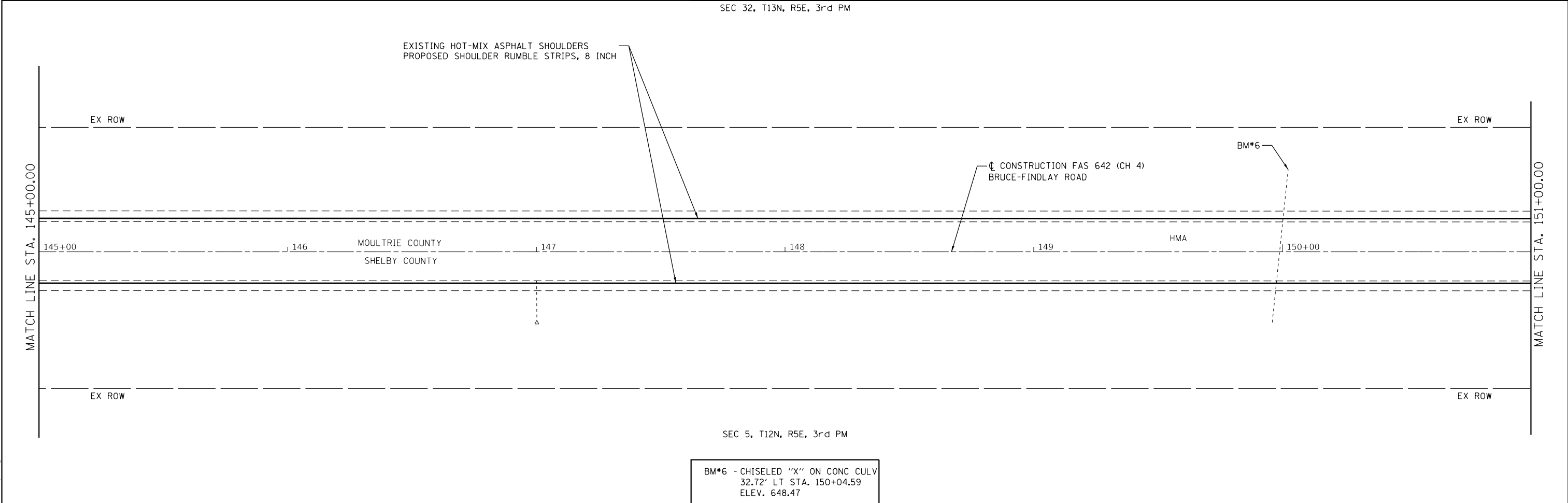
SHOULDER & PATCHING PLAN

SCALE: SHEET OF SHEETS STA. 127+00.00 TO STA. 139+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-5D	MOULTRIE	29	11
CONTRACT NO. 95926				
ILLINOIS		FED. AID PROJECT		



SEC 5, T12N, R5E, 3rd PM
 BM*5 - TOP POINT OF ROW MARKER
 39.84' RT STA. 143+01.98
 ELEV. 648.14



SEC 5, T12N, R5E, 3rd PM
 BM*6 - CHISELED "X" ON CONC CULV
 32.72' LT STA. 150+04.59
 ELEV. 648.47

MODEL Default
 FILE Name: 2649.1-sh-1-plan.dgn



JOB = 2649.1	DESIGNED - TSH	REVISED -
FILE NAME = 2649.1-sh-1-plan.dgn	DRAWN - TSH	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - CGF	REVISED -
PLOT DATE = 7/18/2022	DATE - 4/14/2022	REVISED -

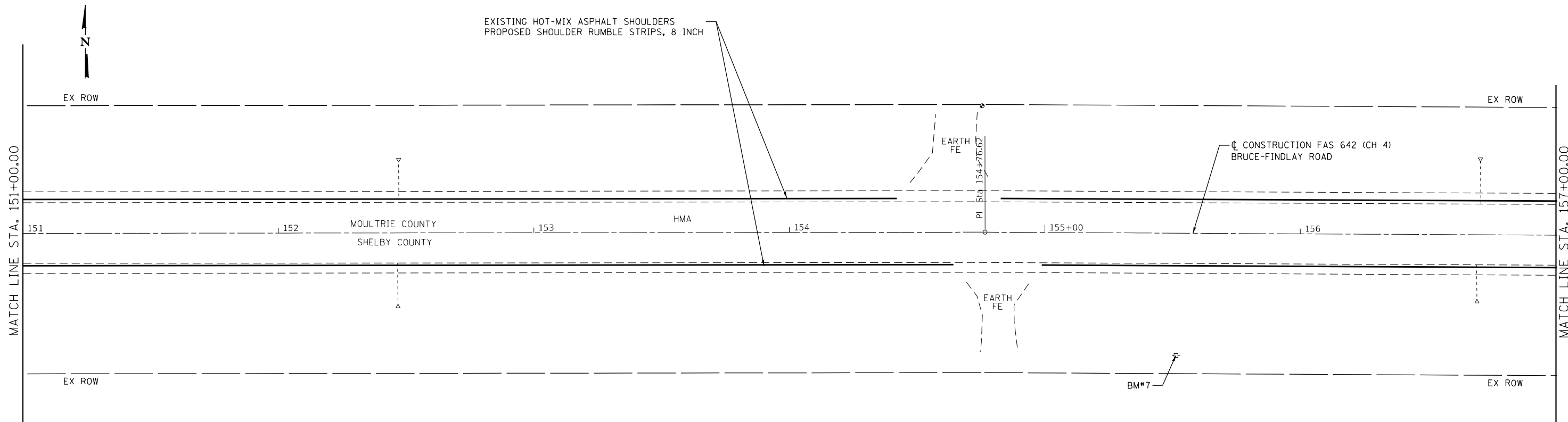
DESIGNED - TSH	REVISED -
DRAWN - TSH	REVISED -
CHECKED - CGF	REVISED -
DATE - 4/14/2022	REVISED -

**MOULTRIE COUNTY
 CH 4 IMPROVEMENTS**

SHOULDER & PATCHING PLAN	
SCALE:	SHEET OF SHEETS STA. 139+00.00 TO STA. 151+00.00

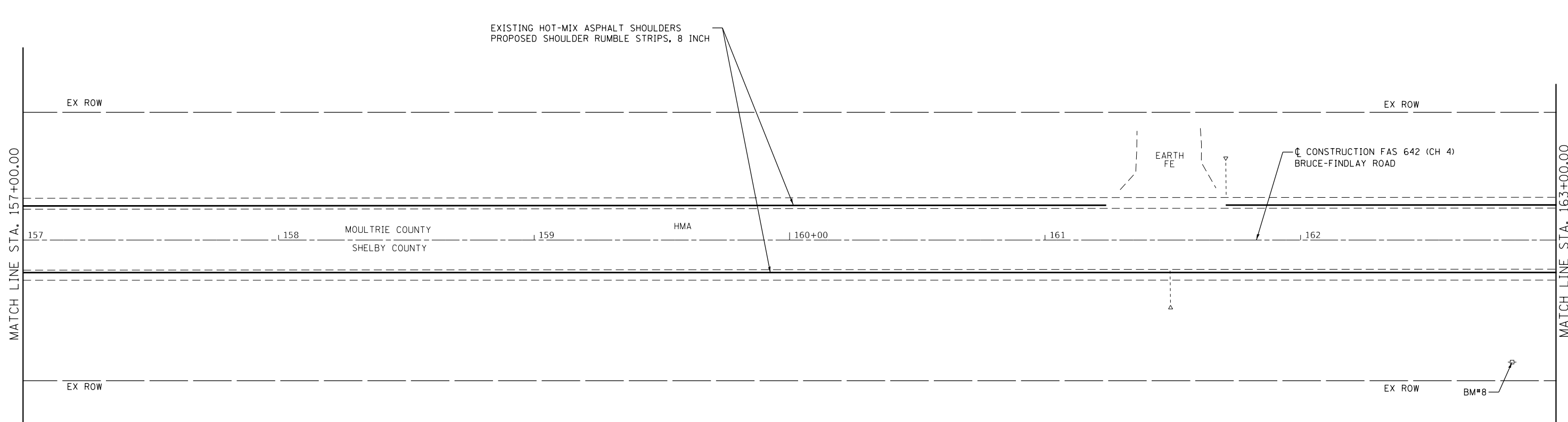
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-5D	MOULTRIE	29	12
CONTRACT NO. 95926				
ILLINOIS FED. AID PROJECT				

SEC 32, T13N, R5E, 3rd PM



SEC 5, T12N, R5E, 3rd PM
 BM#7 - SPIKE NAIL IN POWER POLE
 48.28' RT STA. 155+53.81
 ELEV. 654.25

SEC 32, T13N, R5E, 3rd PM



SEC 5, T12N, R5E, 3rd PM
 BM#8 - SPIKE NAIL IN POWER POLE
 48.32' RT STA. 162+85.04
 ELEV. 657.11

MODEL Default
 FILE Name: 2649_1-sht-plan.dgn



JOB = 2649.1	DESIGNED - TSH	REVISED -
FILE NAME = 2649_1-sht-plan.dgn	DRAWN - TSH	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED - CGF	REVISED -
PLOT DATE = 7/18/2022	DATE - 4/14/2022	REVISED -

**MOULTRIE COUNTY
 CH 4 IMPROVEMENTS**

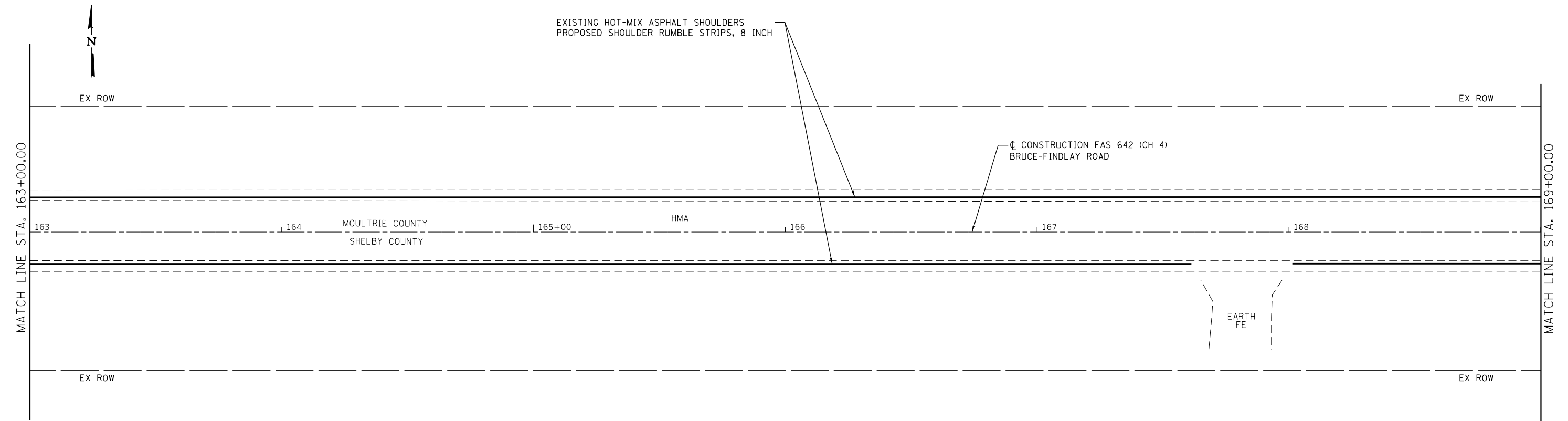
SHOULDER & PATCHING PLAN

SCALE: SHEET OF SHEETS STA. 151+00.00 TO STA. 163+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-5D	MOULTRIE	29	13
CONTRACT NO. 95926				
ILLINOIS FED. AID PROJECT				

SEC 32, T13N, R5E, 3rd PM

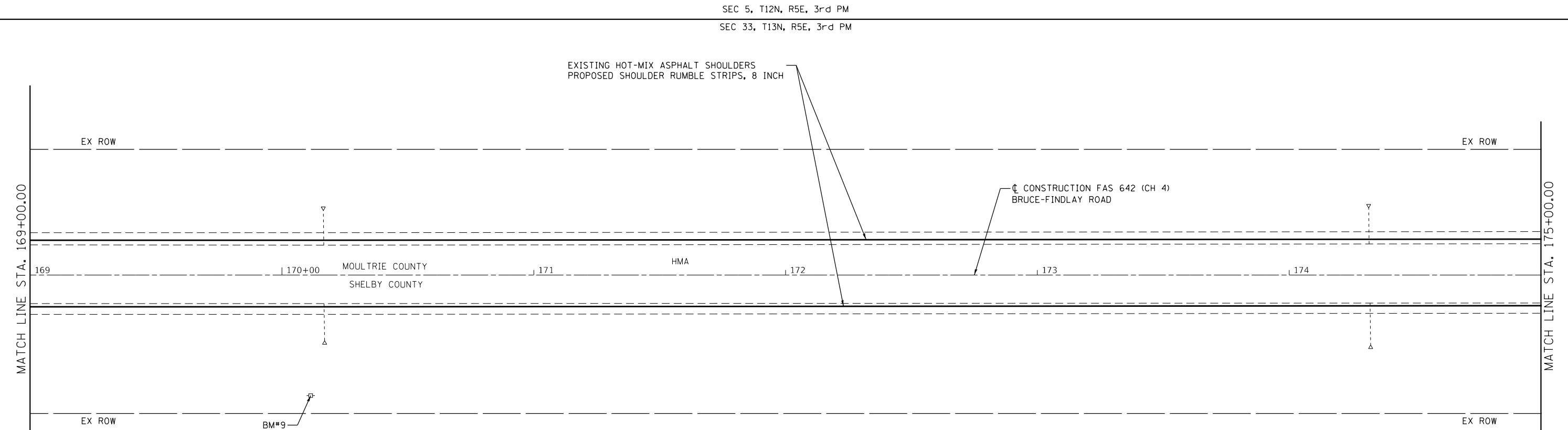
EXISTING HOT-MIX ASPHALT SHOULDERS
PROPOSED SHOULDER RUMBLE STRIPS, 8 INCH



SEC 5, T12N, R5E, 3rd PM

SEC 33, T13N, R5E, 3rd PM

EXISTING HOT-MIX ASPHALT SHOULDERS
PROPOSED SHOULDER RUMBLE STRIPS, 8 INCH



SEC 4, T12N, R5E, 3rd PM

BM#9 - SPIKE NAIL IN POWER POLE
48.70' RT STA. 170+13.64
ELEV. 657.17

MODEL: Default
FILE NAME: 2649.1-sht-plan.dgn



JOB = 2649.1
FILE NAME = 2649.1-sht-plan.dgn
PLOT SCALE = 40,0000 ' / in.
PLOT DATE = 7/18/2022

DESIGNED - TSH
DRAWN - TSH
CHECKED - CGF
DATE - 4/14/2022

REVISED -
REVISED -
REVISED -
REVISED -

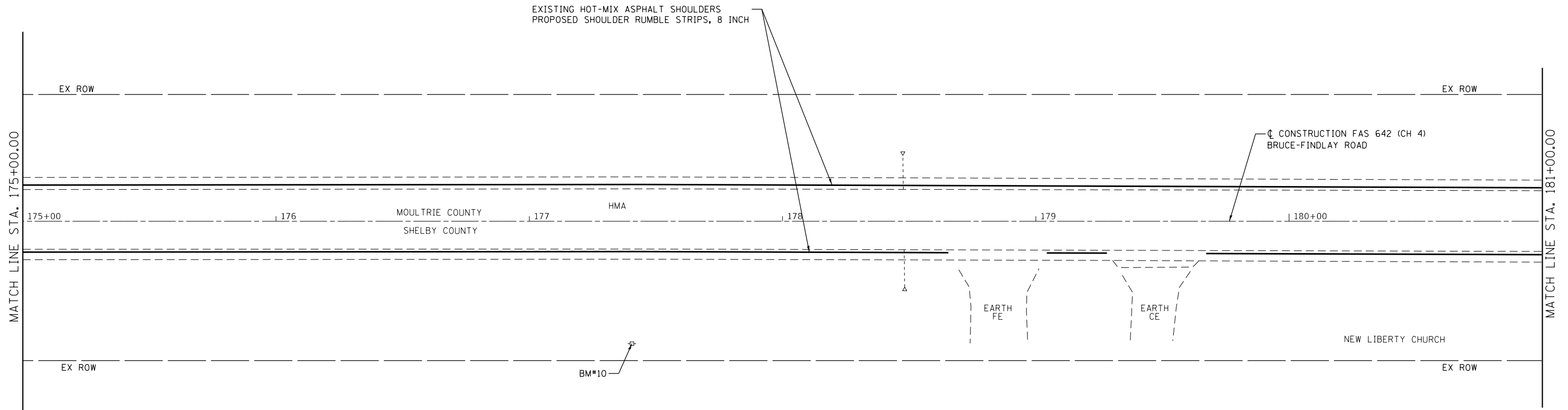
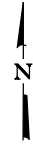
**MOULTRIE COUNTY
CH 4 IMPROVEMENTS**

SHOULDER & PATCHING PLAN

SCALE: SHEET OF SHEETS STA. 163+00.00 TO STA. 175+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-5D	MOULTRIE	29	14
CONTRACT NO. 95926				
ILLINOIS FED. AID PROJECT				

SEC 33, T13N, R5E, 3rd PM



SEC 4, T12N, R5E, 3rd PM

BM*10- SPIKE NAIL IN POWER POLE
49.33' RT STA. 177+42.74
ELEV. 654.84

MODEL: Default
FILE NAME: 2649.1-shl-plan.dgn



JOB = 2649.1	DESIGNED - TSH	REVISED -
FILE NAME = 2649.1-shl-plan.dgn	DRAWN - TSH	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - CGF	REVISED -
PLOT DATE = 7/18/2022	DATE - 4/14/2022	REVISED -

**MOULTRIE COUNTY
CH 4 IMPROVEMENTS**

SHOULDER & PATCHING PLAN

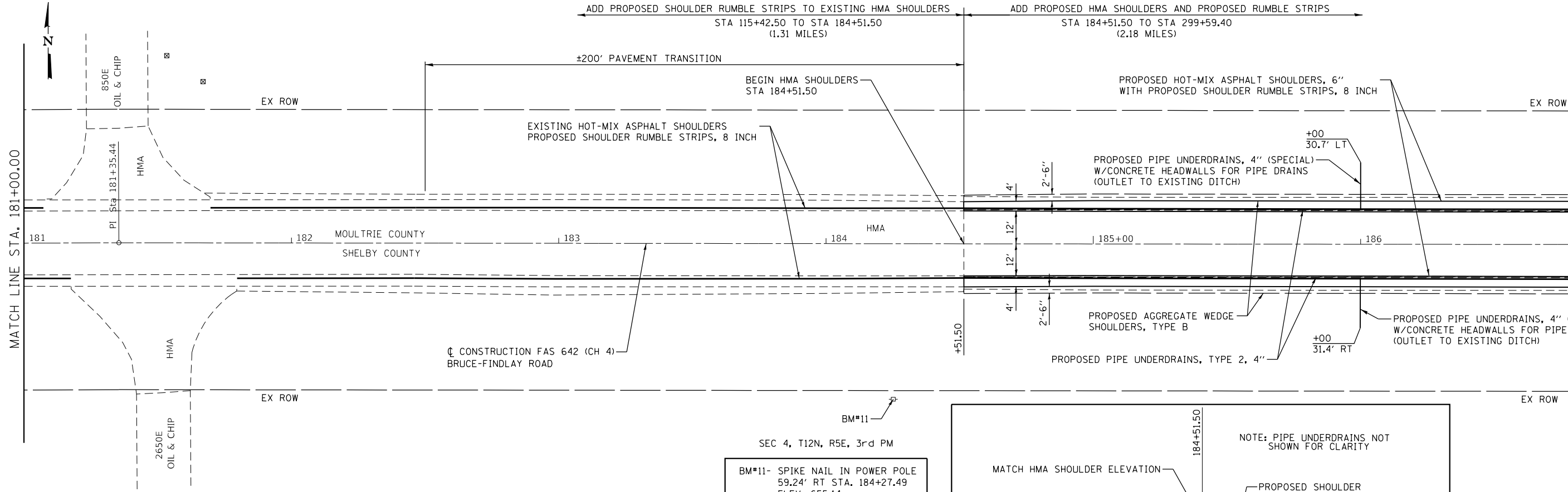
SCALE: SHEET OF SHEETS STA. 175+00.00 TO STA. 181+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-5D	MOULTRIE	29	15
ILLINOIS FED. AID PROJECT			CONTRACT NO. 95926	

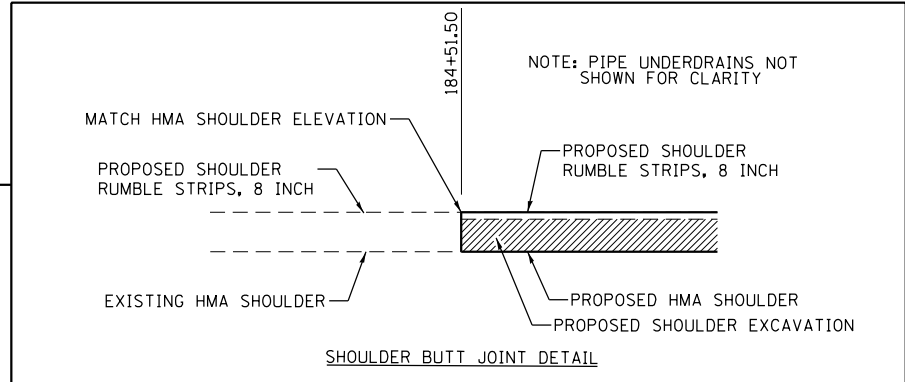
SEC 33, T13N, R5E, 3rd PM

ADD PROPOSED SHOULDER RUMBLE STRIPS TO EXISTING HMA SHOULDERS
STA 115+42.50 TO STA 184+51.50
(1.31 MILES)

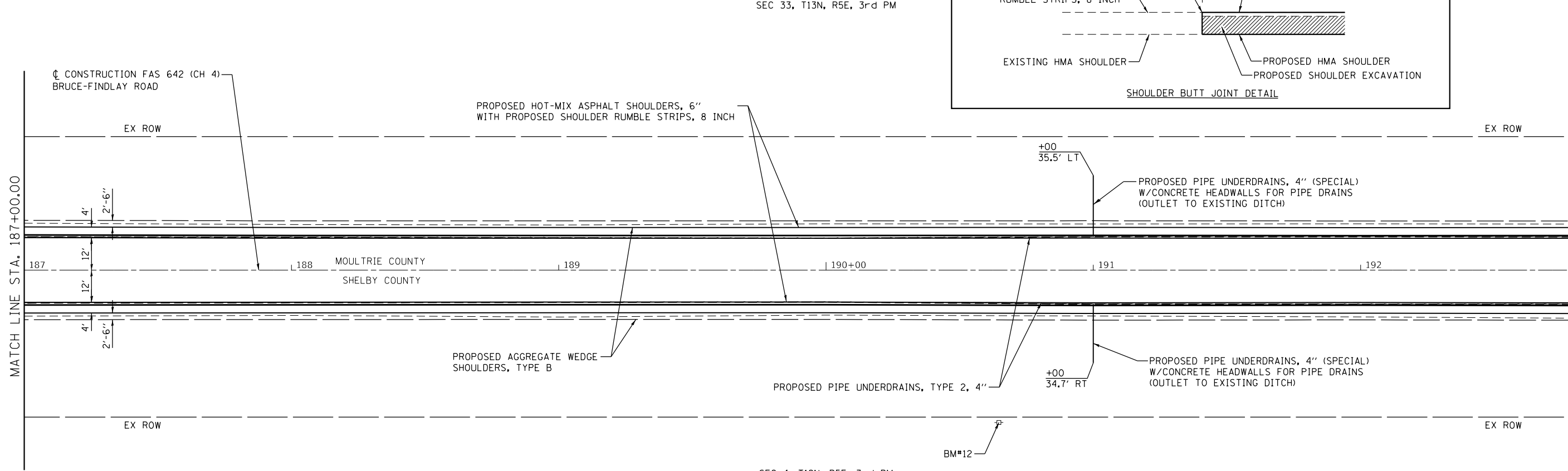
ADD PROPOSED HMA SHOULDERS AND PROPOSED RUMBLE STRIPS
STA 184+51.50 TO STA 299+59.40
(2.18 MILES)



SEC 4, T12N, R5E, 3rd PM
BM#11- SPIKE NAIL IN POWER POLE
59.24' RT STA. 184+27.49
ELEV. 655.14



SEC 33, T13N, R5E, 3rd PM



SEC 4, T12N, R5E, 3rd PM
BM#12- SPIKE NAIL IN POWER POLE
57.74' RT STA. 190+66.98
ELEV. 654.00

MODEL: Default
FILE NAME: 2649.1-sht-plan.dgn



JOB = 2649.1
FILE NAME = 2649.1-sht-plan.dgn
PLOT SCALE = 40,0000 ' / in.
PLOT DATE = 7/18/2022

DESIGNED - TSH	REVISED -
DRAWN - TSH	REVISED -
CHECKED - CGF	REVISED -
DATE - 4/14/2022	REVISED -

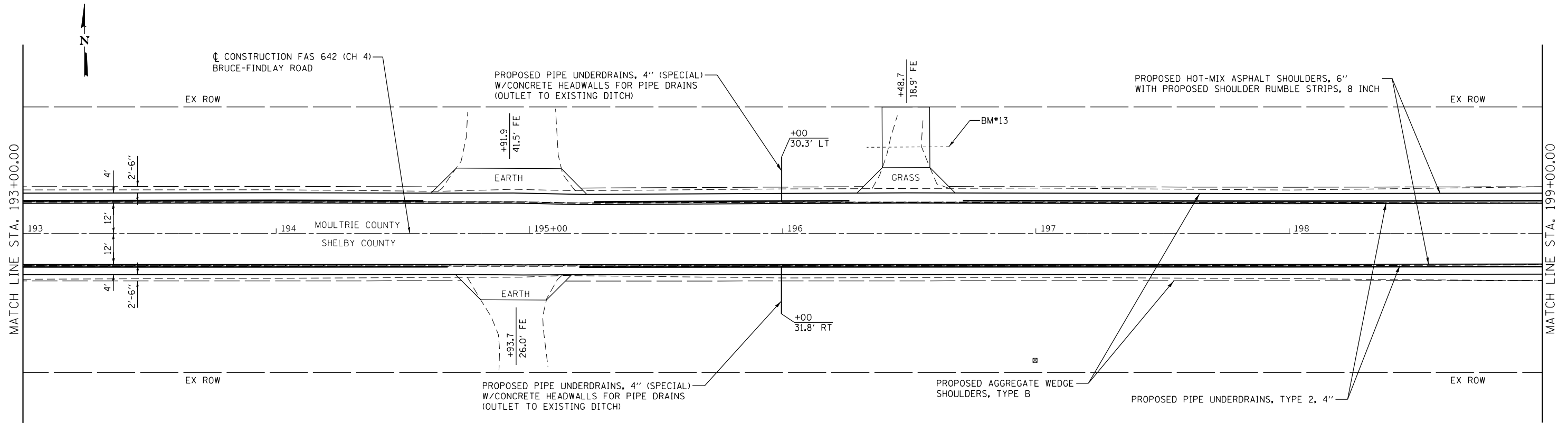
**MOULTRIE COUNTY
CH 4 IMPROVEMENTS**

SHOULDER & PATCHING PLAN

SCALE: SHEET OF SHEETS STA. 181+00.00 TO STA. 193+00.00

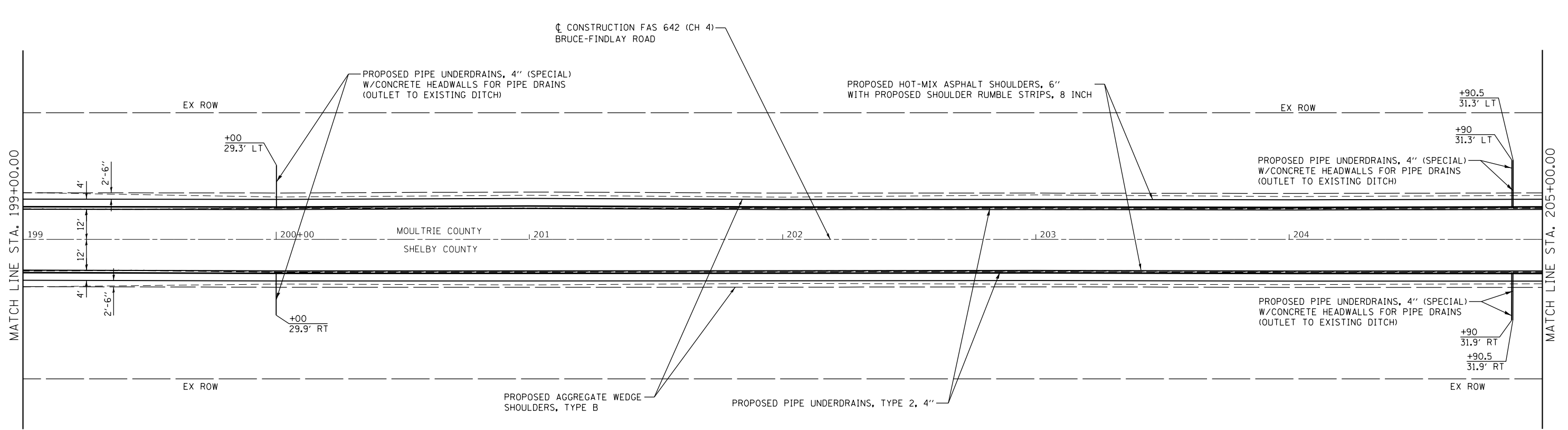
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-5D	MOULTRIE	29	16
CONTRACT NO. 95926				
ILLINOIS FED. AID PROJECT				

SEC 33, T13N, R5E, 3rd PM



SEC 4, T12N, R5E, 3rd PM
 BM#13- MAG NAIL IN CMP
 33.81' LT STA. 196+67.85
 ELEV. 649.16

SEC 33, T13N, R5E, 3rd PM



SEC 4, T12N, R5E, 3rd PM

MODEL: Default
 FILE NAME: 2649.1-sht-plan.dgn



JOB = 2649.1
 FILE NAME = 2649.1-sht-plan.dgn
 PLOT SCALE = 40,0000 ' / in.
 PLOT DATE = 7/18/2022

DESIGNED - TSH
 DRAWN - TSH
 CHECKED - CGF
 DATE - 4/14/2022

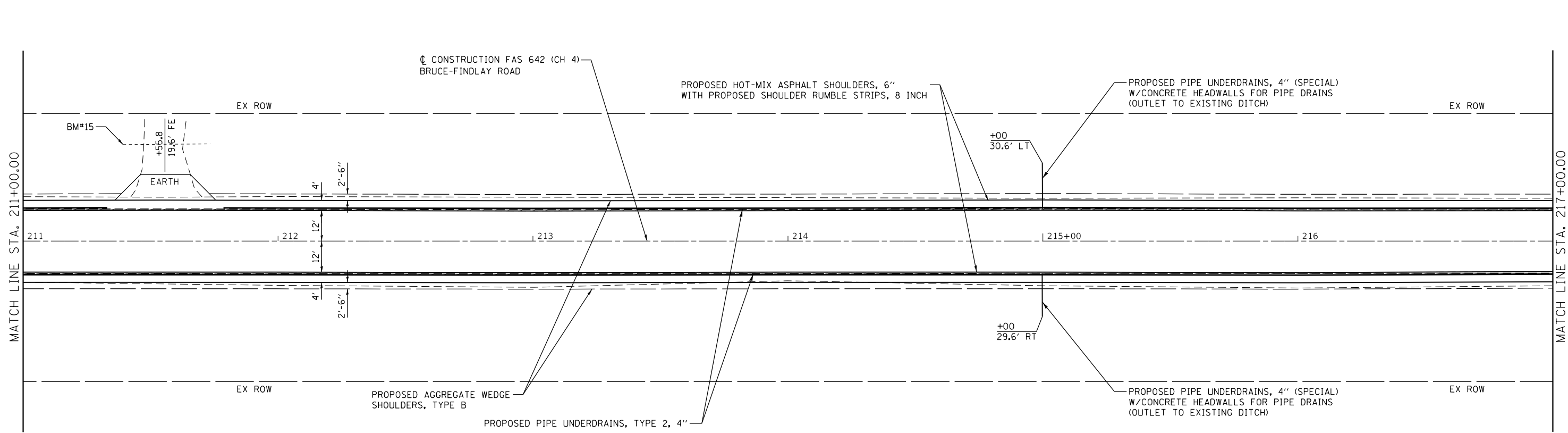
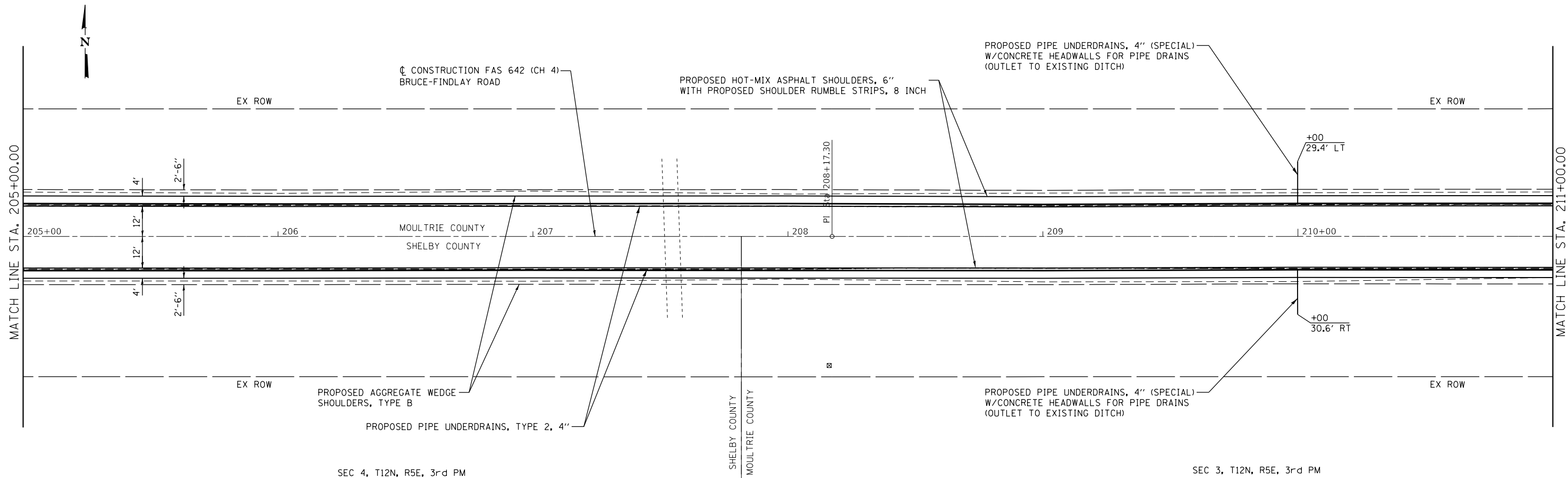
REVISED -
 REVISED -
 REVISED -
 REVISED -

**MOULTRIE COUNTY
 CH 4 IMPROVEMENTS**

SHOULDER & PATCHING PLAN

SCALE: SHEET OF SHEETS STA. 193+00.00 TO STA. 205+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-5D	MOULTRIE	29	17
CONTRACT NO. 95926				
ILLINOIS FED. AID PROJECT				



BM#15- MAG NAIL IN CMP
37.82' LT STA. 211+41.49
ELEV. 644.96

MODEL: Default
FILE NAME: 2649.1-sht-plan.dgn



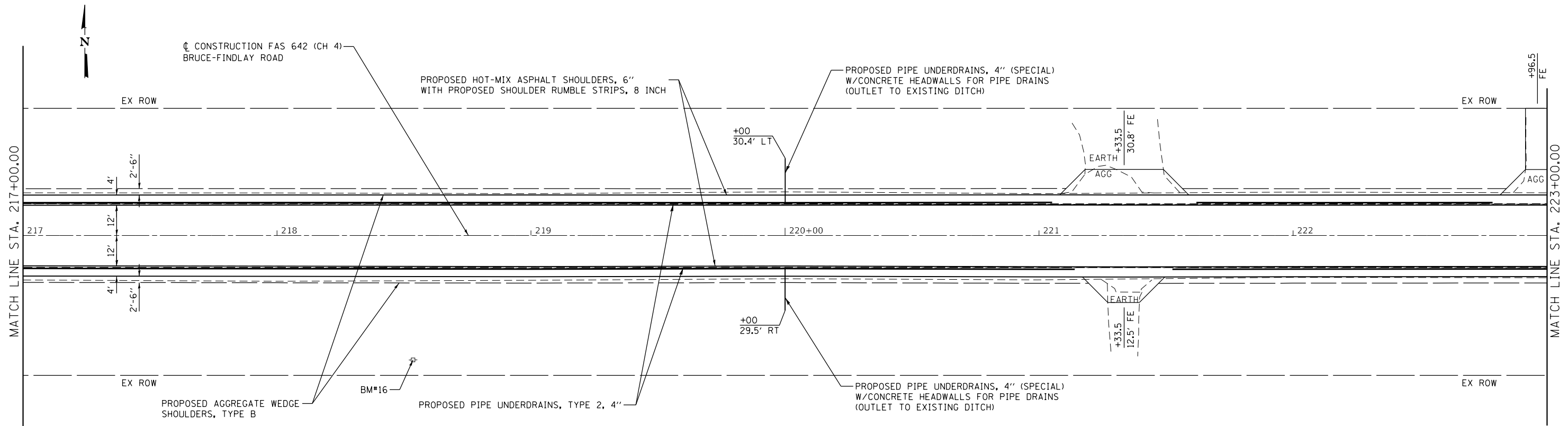
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PLOT SCALE = 40,0000' / in.	CHECKED - CGF	REVISED -
PLOT DATE = 7/18/2022	DATE - 4/14/2022	REVISED -

**MOULTRIE COUNTY
CH 4 IMPROVEMENTS**

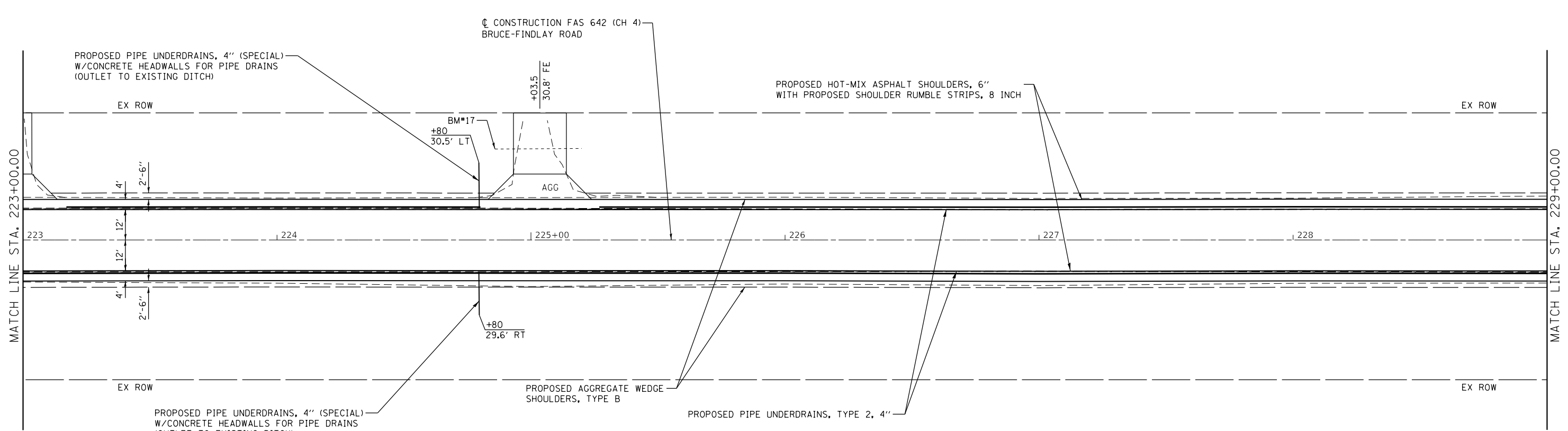
SHOULDER & PATCHING PLAN

SCALE: SHEET OF SHEETS STA. 205+00.00 TO STA. 217+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-5D	MOULTRIE	29	18
CONTRACT NO. 95926				
ILLINOIS FED. AID PROJECT				



SEC 3, T12N, R5E, 3rd PM
 BM#16- SPIKE NAIL IN POWER POLE
 48.92' RT STA. 218+55.81
 ELEV. 648.52



SEC 3, T12N, R5E, 3rd PM
 BM#17- MAG NAIL IN CMP
 35.78' LT STA. 224+88.03
 ELEV. 649.04

MODEL: Default
 FILE NAME: 2649.1-shl-plan.dgn



JOB = 2649.1	DESIGNED - TSH	REVISED -
FILE NAME = 2649.1-shl-plan.dgn	DRAWN - TSH	REVISED -
PLOT SCALE = 40,000.0' / in.	CHECKED - CGF	REVISED -
PLOT DATE = 7/18/2022	DATE - 4/14/2022	REVISED -

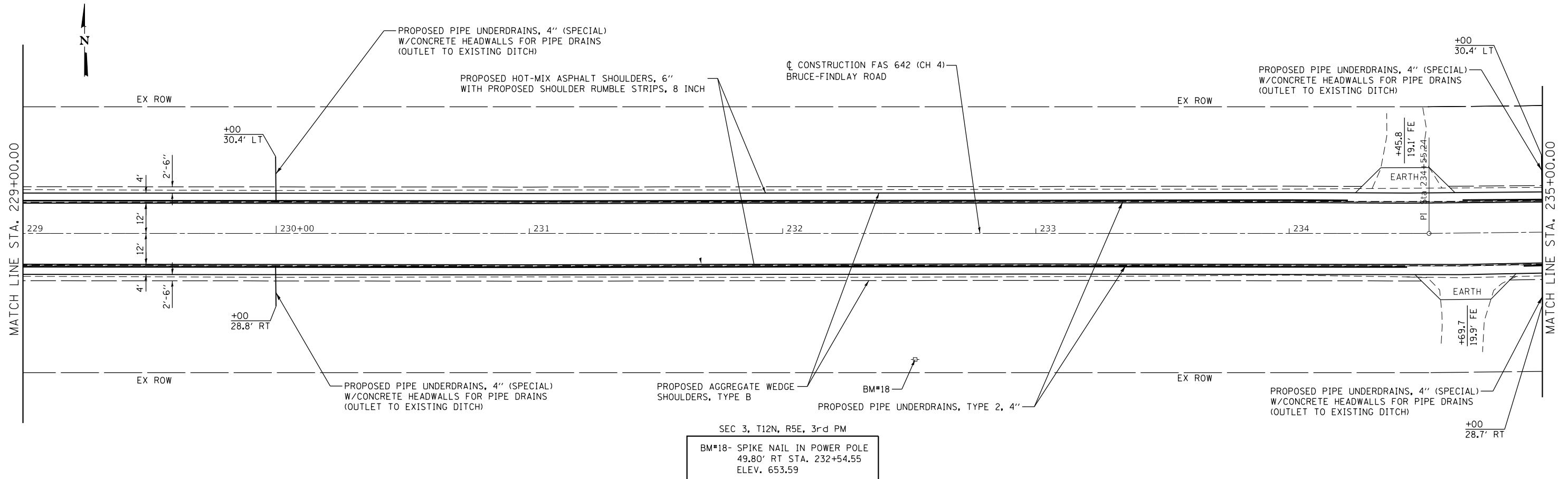
**MOULTRIE COUNTY
 CH 4 IMPROVEMENTS**

SHOULDER & PATCHING PLAN

SCALE: SHEET OF SHEETS STA. 217+00.00 TO STA. 229+00.00

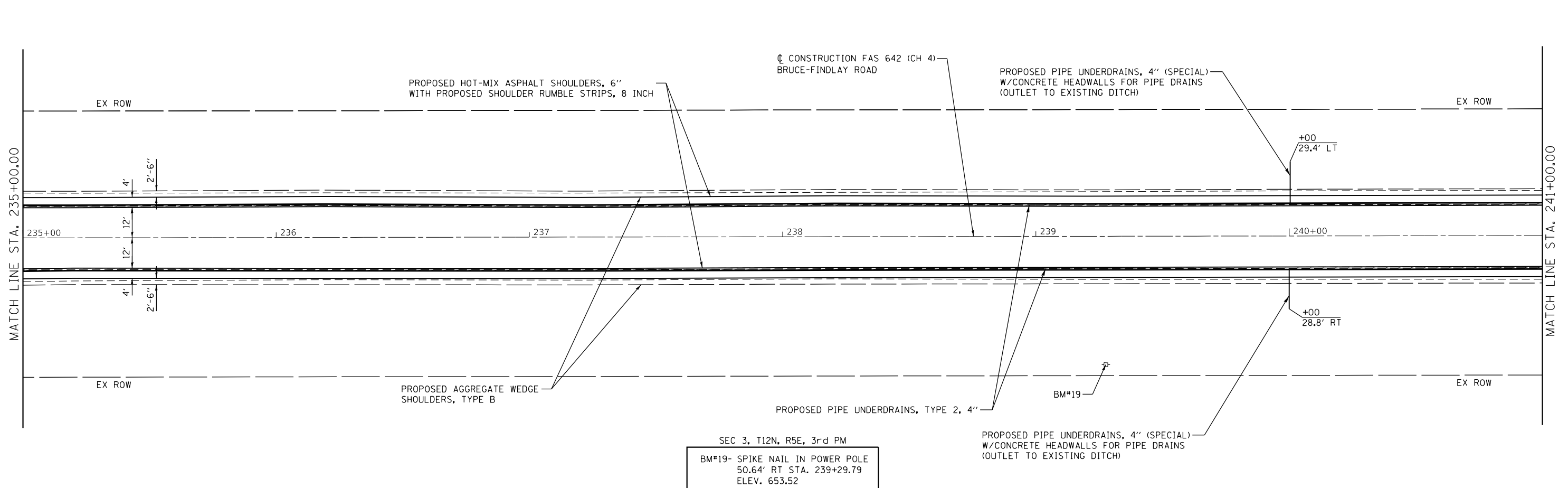
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-5D	MOULTRIE	29	19
CONTRACT NO. 95926				
ILLINOIS FED. AID PROJECT				

SEC 34, T13N, R5E, 3rd PM



SEC 3, T12N, R5E, 3rd PM
 BM#18- SPIKE NAIL IN POWER POLE
 49.80' RT STA. 232+54.55
 ELEV. 653.59

SEC 34, T13N, R5E, 3rd PM



SEC 3, T12N, R5E, 3rd PM
 BM#19- SPIKE NAIL IN POWER POLE
 50.64' RT STA. 239+29.79
 ELEV. 653.52

MODEL: Default
 FILE NAME: 2649.1-shd-plan.dgn



JOB = 2649.1
 FILE NAME = 2649.1-shd-plan.dgn
 PLOT SCALE = 40,0000 ' / in.
 PLOT DATE = 7/18/2022

DESIGNED - TSH
 DRAWN - TSH
 CHECKED - CGF
 DATE - 4/14/2022

REVISED -
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 REVISED -

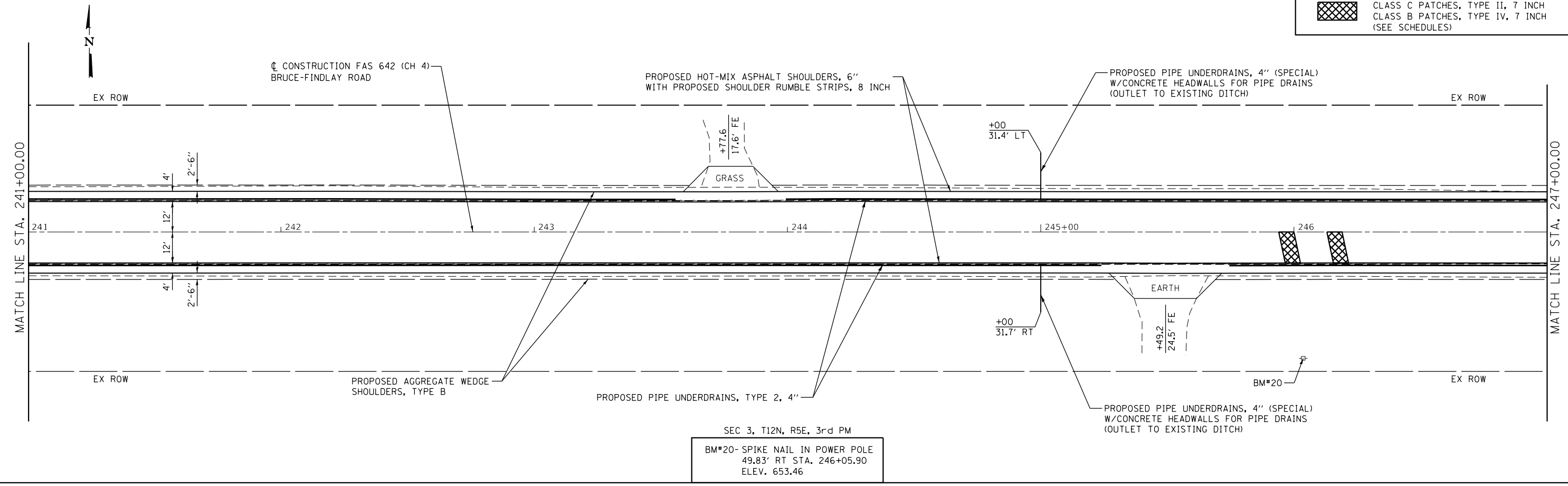
**MOULTRIE COUNTY
 CH 4 IMPROVEMENTS**

SHOULDER & PATCHING PLAN

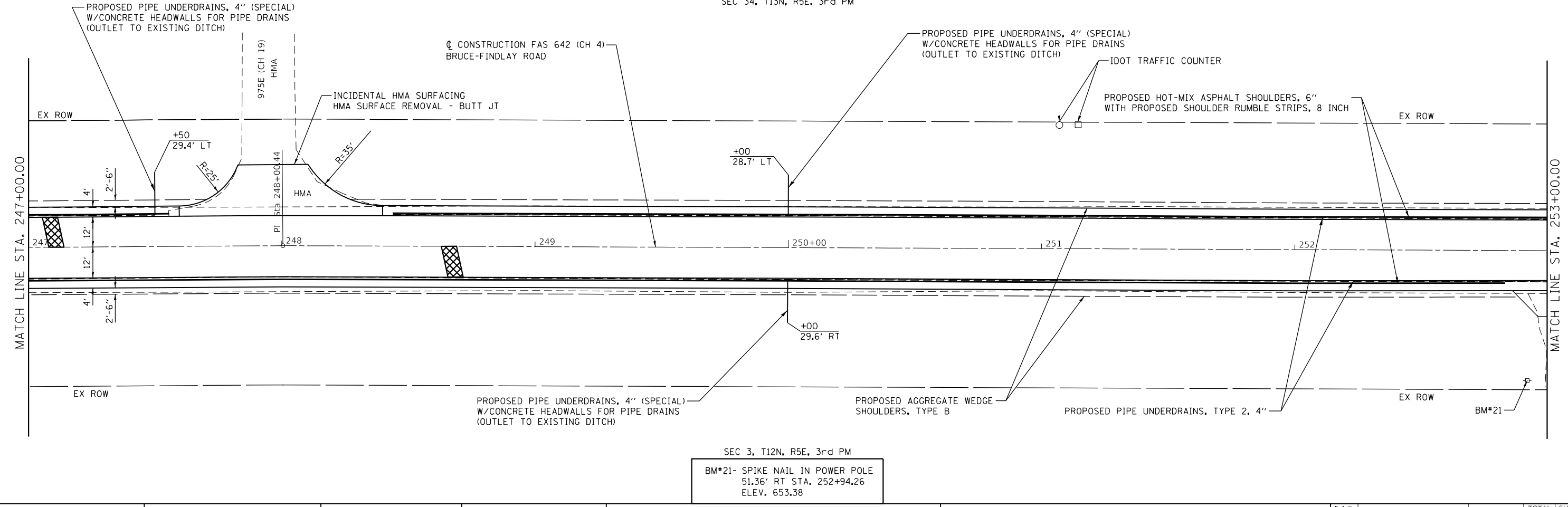
SCALE: SHEET OF SHEETS STA. 229+00.00 TO STA. 241+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-SD	MOULTRIE	29	20
CONTRACT NO. 95926				
		ILLINOIS	FED. AID PROJECT	

LEGEND	
	CLASS C PATCHES, TYPE II, 7 INCH
	CLASS B PATCHES, TYPE IV, 7 INCH (SEE SCHEDULES)



BM#20- SPIKE NAIL IN POWER POLE
49.83' RT STA. 246+05.90
ELEV. 653.46



BM#21- SPIKE NAIL IN POWER POLE
51.36' RT STA. 252+94.26
ELEV. 653.38

MODEL: Default
FILE NAME: 2649.1-shl-plan.dgn



JOB = 2649.1	DESIGNED - TSH	REVISED -
FILE NAME = 2649.1-shl-plan.dgn	DRAWN - TSH	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - CGF	REVISED -
PLOT DATE = 7/18/2022	DATE - 4/14/2022	REVISED -



**MOULTRIE COUNTY
CH 4 IMPROVEMENTS**

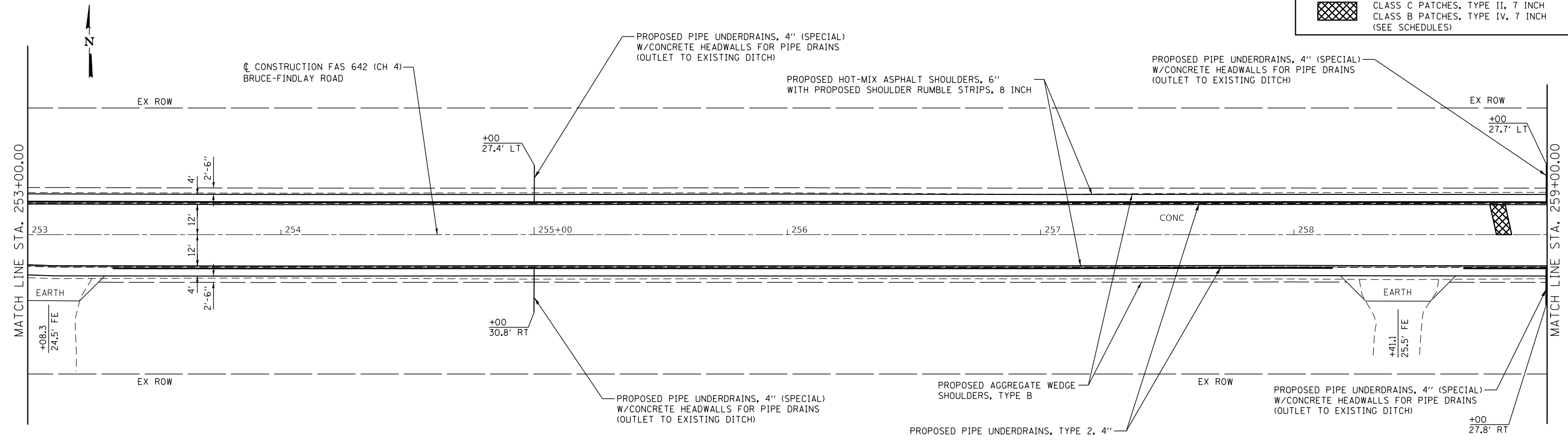
SHOULDER & PATCHING PLAN

SCALE: SHEET OF SHEETS STA. 241+00.00 TO STA. 253+00.00

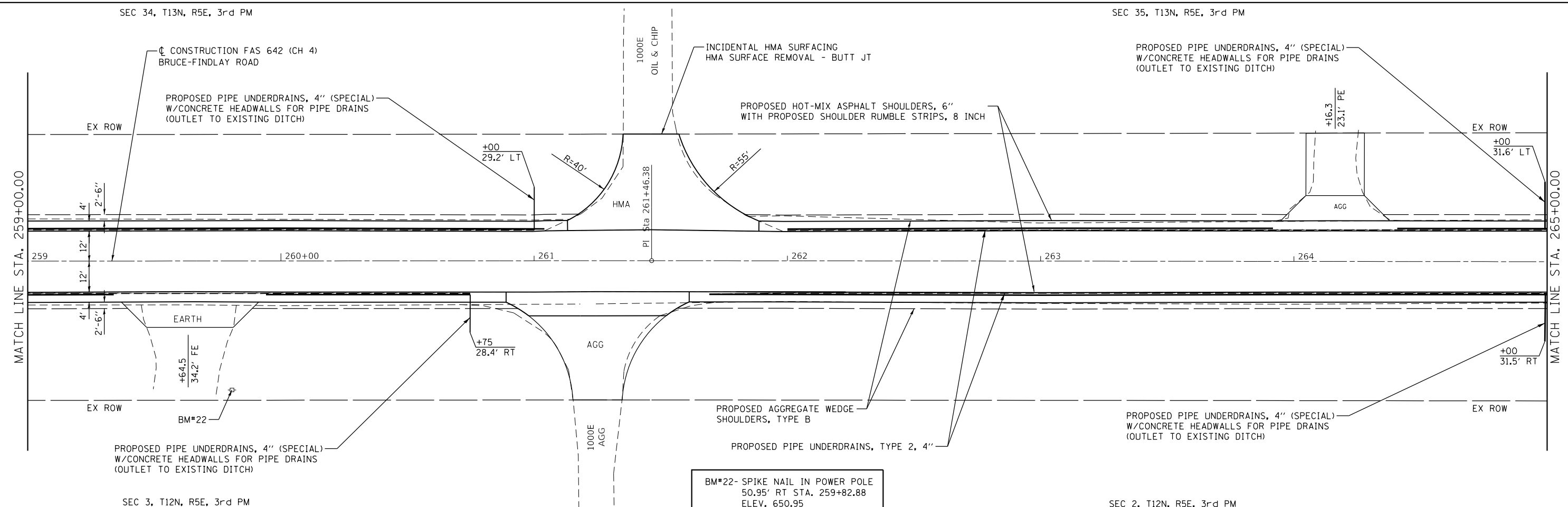
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642	20-00031-00-5D	MOULTRIE	29	21
CONTRACT NO. 95926				
ILLINOIS		FED. AID PROJECT		

SEC 34, T13N, R5E, 3rd PM

LEGEND	
	CLASS C PATCHES, TYPE II, 7 INCH
	CLASS B PATCHES, TYPE IV, 7 INCH (SEE SCHEDULES)



SEC 3, T12N, R5E, 3rd PM



BM*22- SPIKE NAIL IN POWER POLE
50.95' RT STA. 259+82.88
ELEV. 650.95

MODEL: Default
FILE NAME: 2649.1-shd-plan.dgn



JOB = 2649.1
FILE NAME = 2649.1-shd-plan.dgn
PLOT SCALE = 40,0000 ' / in.
PLOT DATE = 7/18/2022

DESIGNED - TSH	REVISED -
DRAWN - TSH	REVISED -
CHECKED - CGF	REVISED -
DATE - 4/14/2022	REVISED -

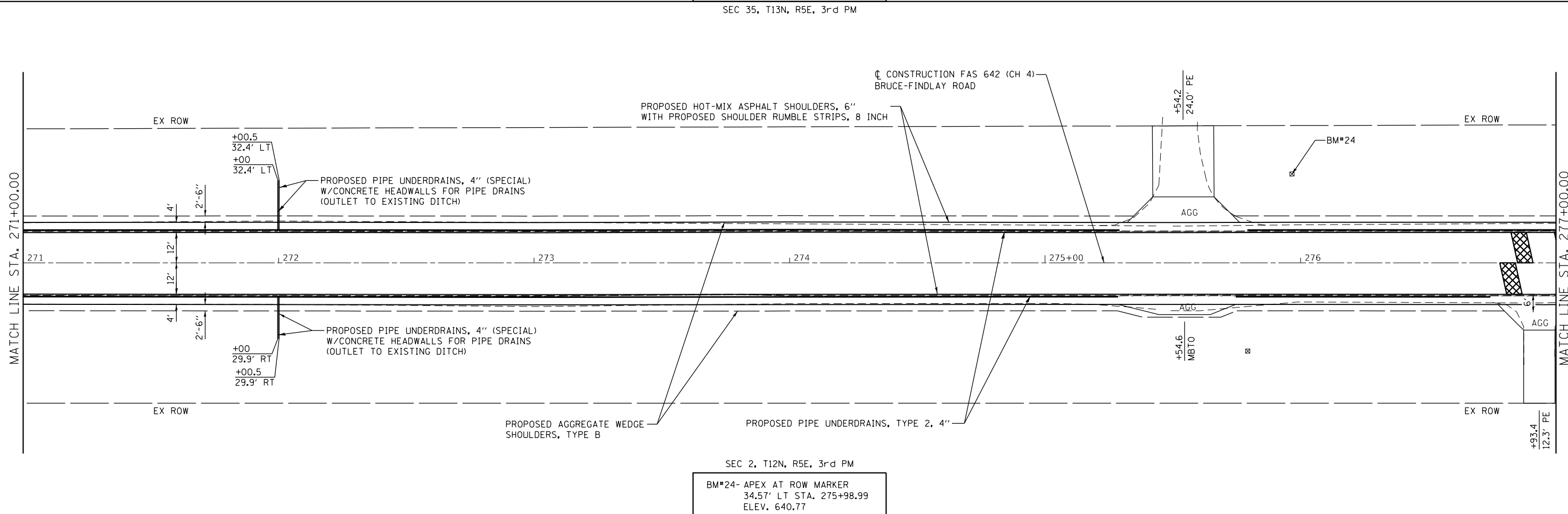
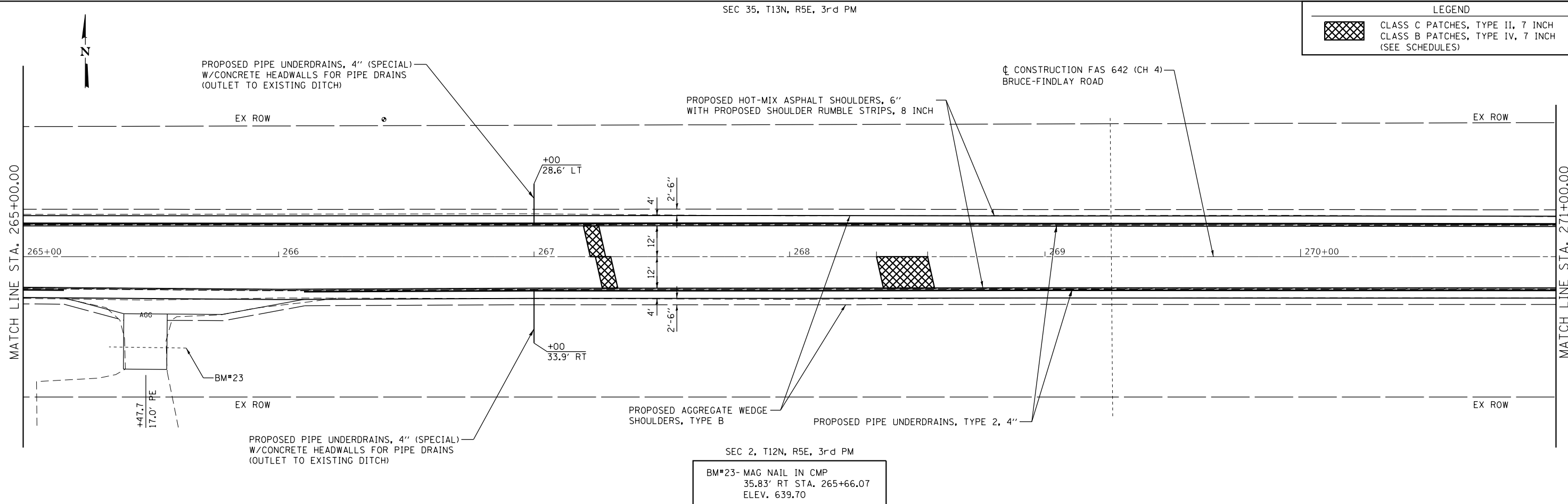
**MOULTRIE COUNTY
CH 4 IMPROVEMENTS**

SHOULDER & PATCHING PLAN

SCALE: SHEET OF SHEETS STA. 253+00.00 TO STA. 265+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-5D	MOULTRIE	29	22
CONTRACT NO. 95926				
ILLINOIS FED. AID PROJECT				

 CLASS C PATCHES, TYPE II, 7 INCH
 CLASS B PATCHES, TYPE IV, 7 INCH
 (SEE SCHEDULES)



MODEL: Default
 FILE NAME: 2649.1-shl-plan.dgn



JOB = 2649.1
 FILE NAME = 2649.1-shl-plan.dgn
 PLOT SCALE = 40,0000 ' / in.
 PLOT DATE = 7/18/2022

DESIGNED - TSH
 DRAWN - TSH
 CHECKED - CGF
 DATE - 4/14/2022

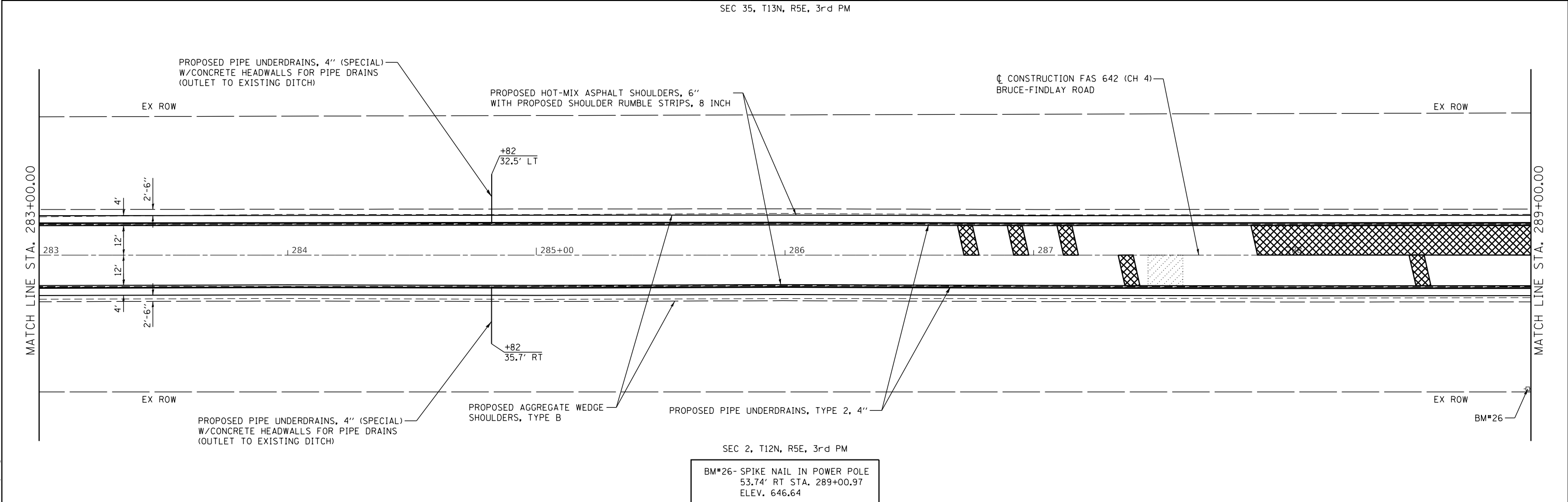
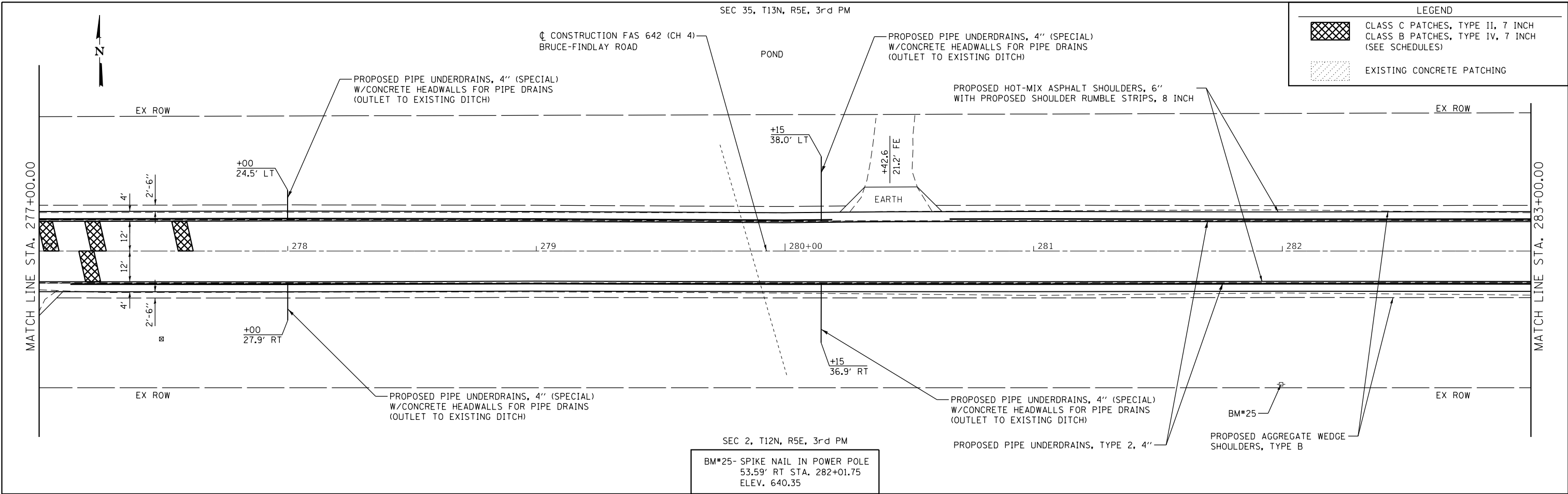
REVISED -
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 REVISED -

MOULTRIE COUNTY
CH 4 IMPROVEMENTS

SHOULDER & PATCHING PLAN

SCALE: SHEET OF SHEETS STA. 265+00.00 TO STA. 277+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-5D	MOULTRIE	29	23
CONTRACT NO. 95926				
ILLINOIS FED. AID PROJECT				



MODEL: Default
 FILE NAME: 2649.1-shd-plan.dgn

 Cummins Engineering Corporation <small>Civil and Structural Engineering</small>	JOB = 2649.1	DESIGNED - TSH	REVISED -
	FILE NAME = 2649.1-shd-plan.dgn	DRAWN - TSH	REVISED -
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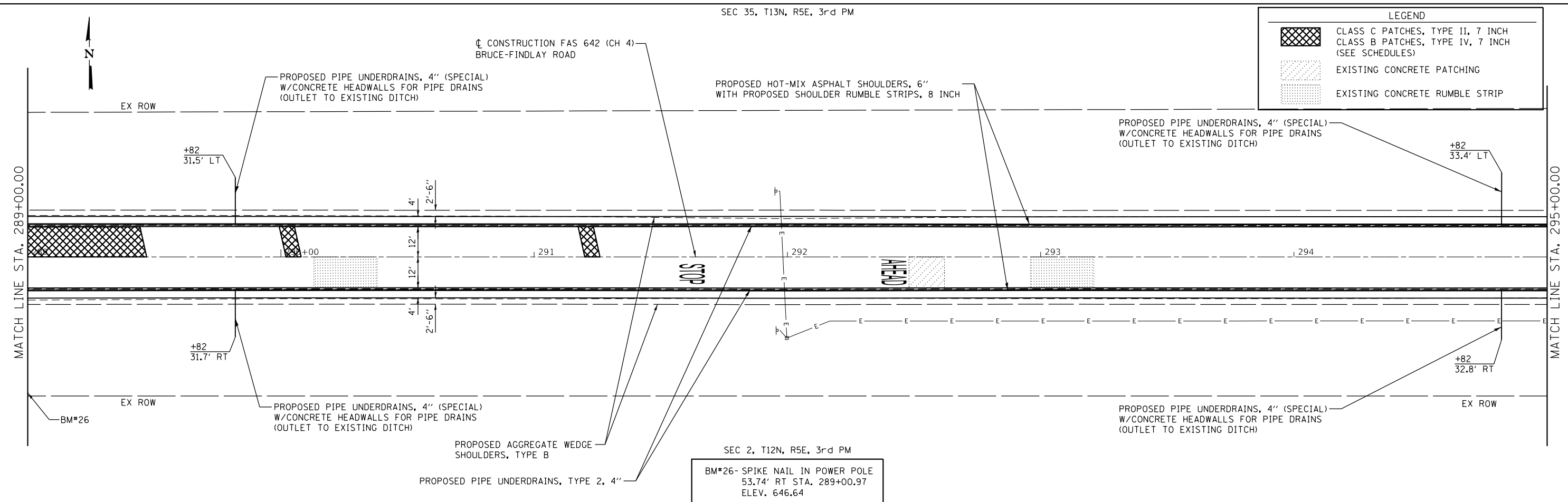
MOULTRIE COUNTY
CH 4 IMPROVEMENTS

SCALE:		SHEET OF SHEETS		STA. 277+00.00 TO STA. 289+00.00	
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-5D	MOULTRIE	29	24
CONTRACT NO. 95926				
		ILLINOIS	FED. AID PROJECT	

SEC 35, T13N, R5E, 3rd PM

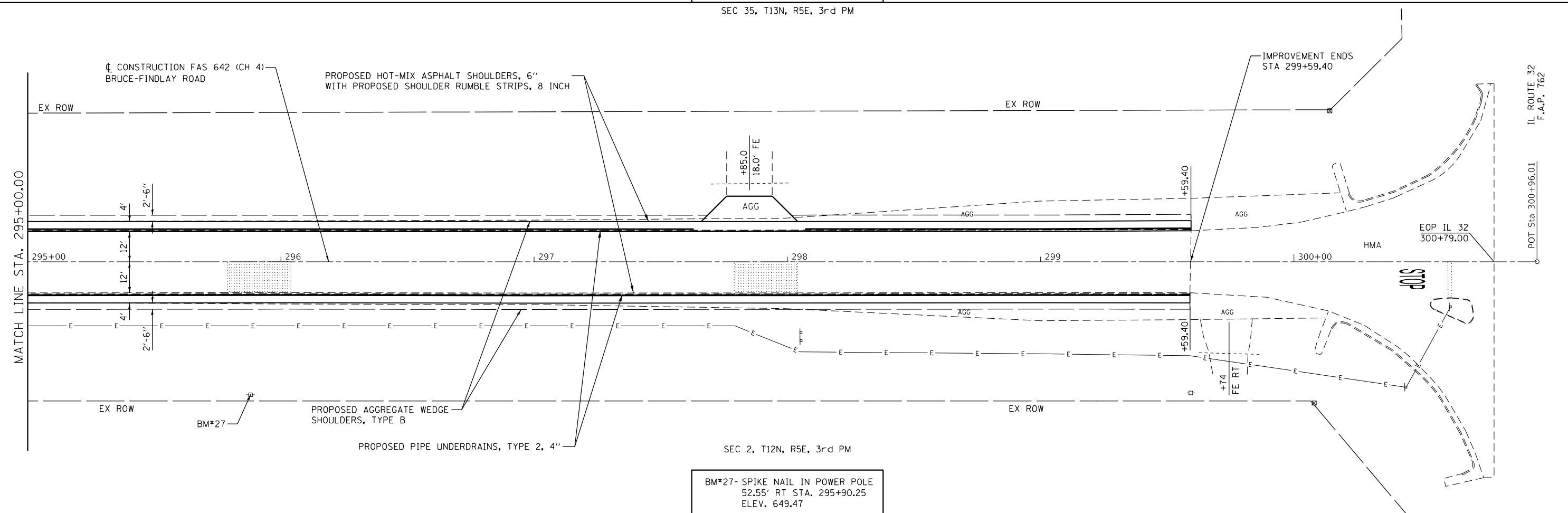
LEGEND	
	CLASS C PATCHES, TYPE II, 7 INCH
	CLASS B PATCHES, TYPE IV, 7 INCH (SEE SCHEDULES)
	EXISTING CONCRETE PATCHING
	EXISTING CONCRETE RUMBLE STRIP



SEC 2, T12N, R5E, 3rd PM

BM*26- SPIKE NAIL IN POWER POLE
53.74' RT STA. 289+00.97
ELEV. 646.64

SEC 35, T13N, R5E, 3rd PM



SEC 2, T12N, R5E, 3rd PM

BM*27- SPIKE NAIL IN POWER POLE
52.55' RT STA. 295+90.25
ELEV. 649.47

MODEL Default
FILE Name: 2649.1-sht-plan.dgn



JOB = 2649.1
FILE NAME = 2649.1-sht-plan.dgn
PLOT SCALE = 40,0000' / in.
PLOT DATE = 7/18/2022

DESIGNED - TSH
DRAWN - TSH
CHECKED - CGF
DATE - 4/14/2022

REVISED -
REVISED -
REVISED -
REVISED -

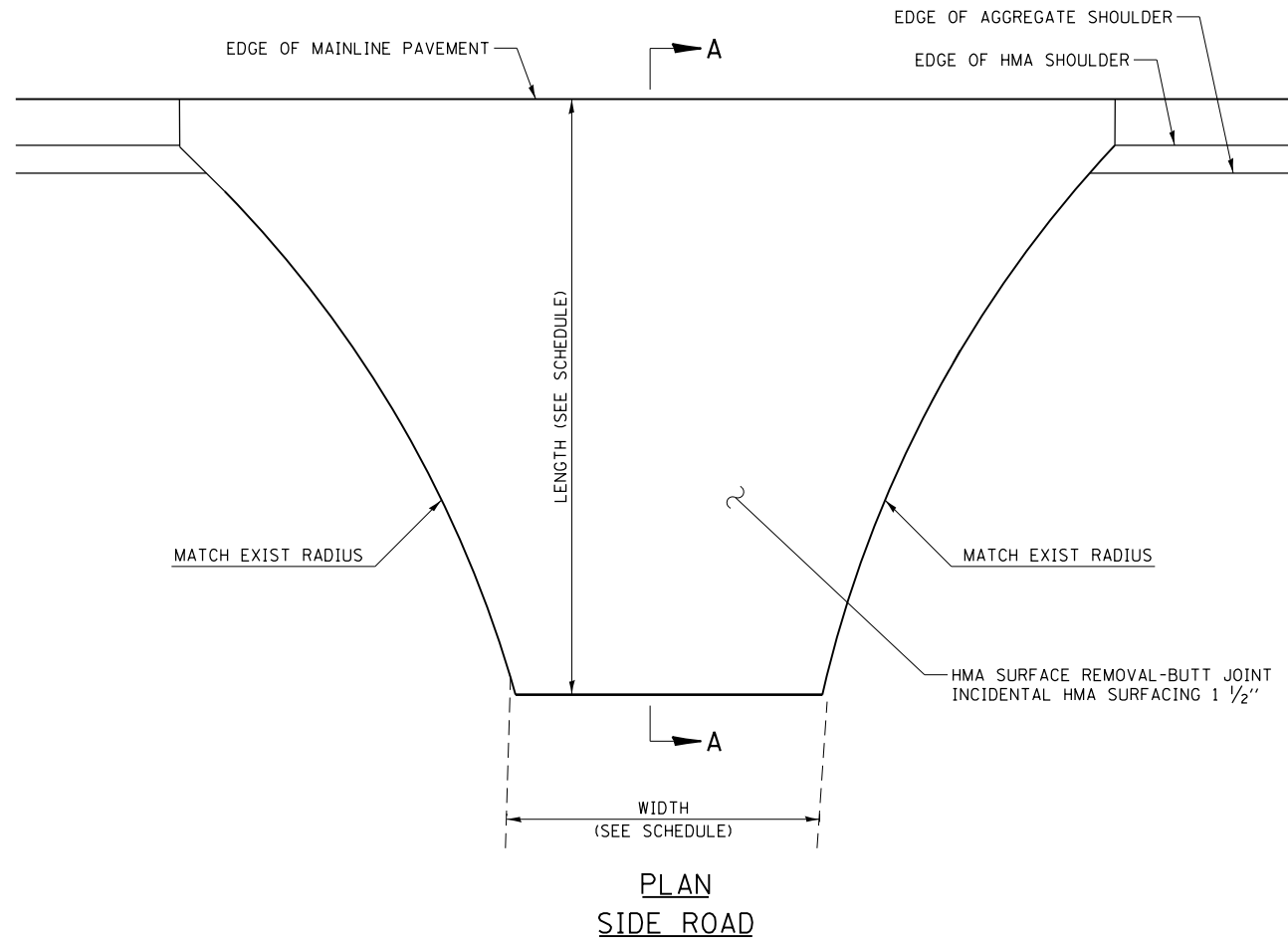
**MOULTRIE COUNTY
CH 4 IMPROVEMENTS**

SCALE: SHEET OF SHEETS STA. 289+00.00 TO STA. 300+79.00

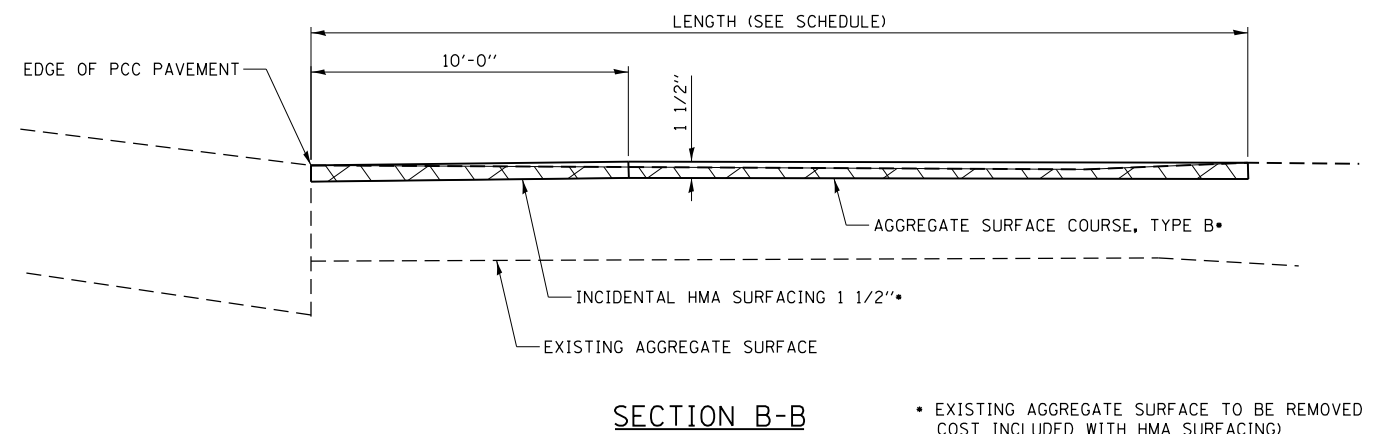
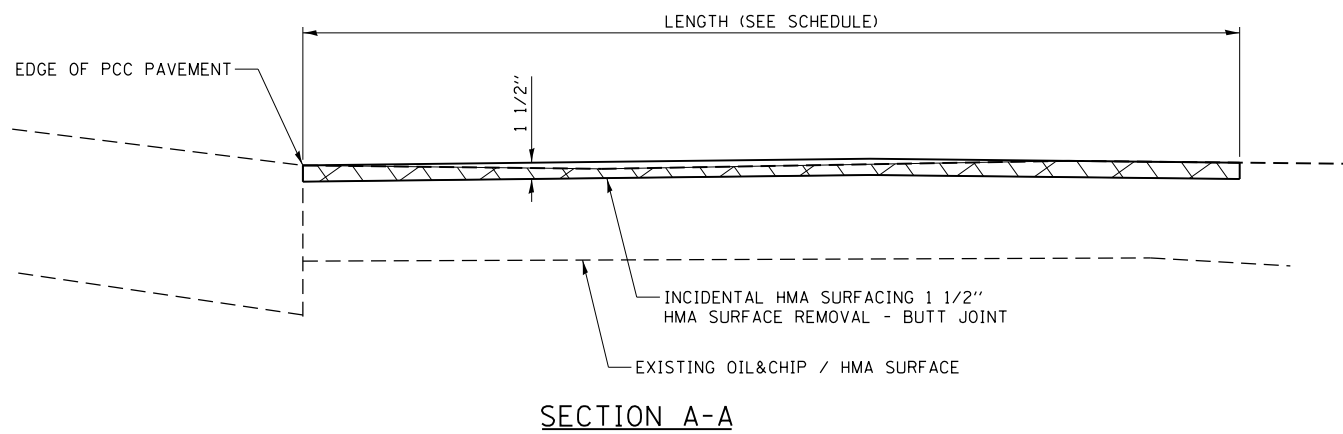
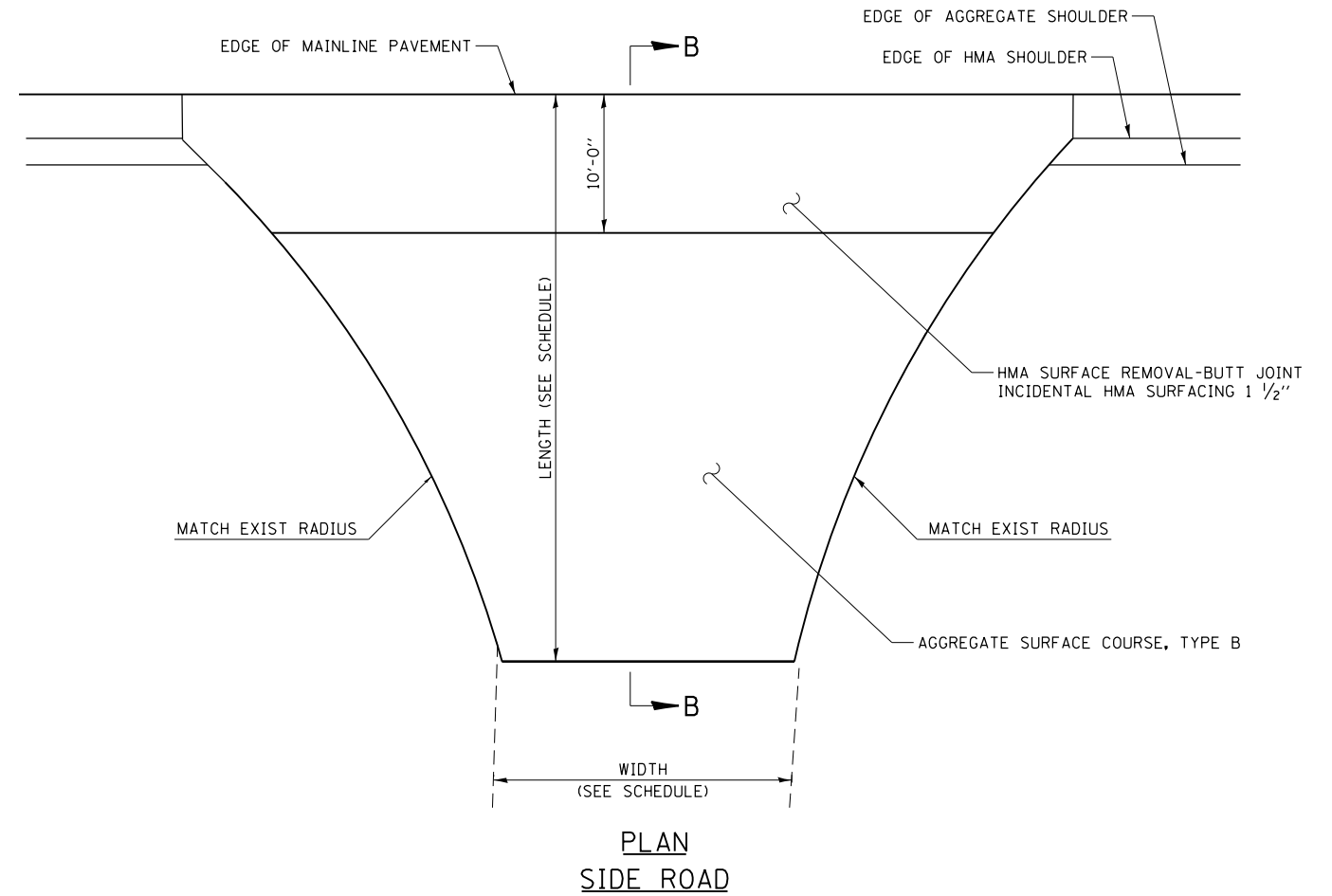
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-SD	MOULTRIE	29	25
CONTRACT NO. 95926				
ILLINOIS FED. AID PROJECT				

DETAILS OF SIDE ROADS

DETAIL AT HMA SIDEROAD
975E & SOUTH 1000E



DETAIL AT AGGREGATE SIDEROAD
NORTH 1000E



• EXISTING AGGREGATE SURFACE TO BE REMOVED
COST INCLUDED WITH HMA SURFACING

MODEL: Default
FILE NAME: 2649_1-shd-details.dgn

CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB = 2649.1
FILE NAME = 2649_1-shd-details.dgn
PLOT SCALE = 40,0000 ' / in.
PLOT DATE = 7/18/2022

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CHECKED - CGF
DATE - 4/28/2022

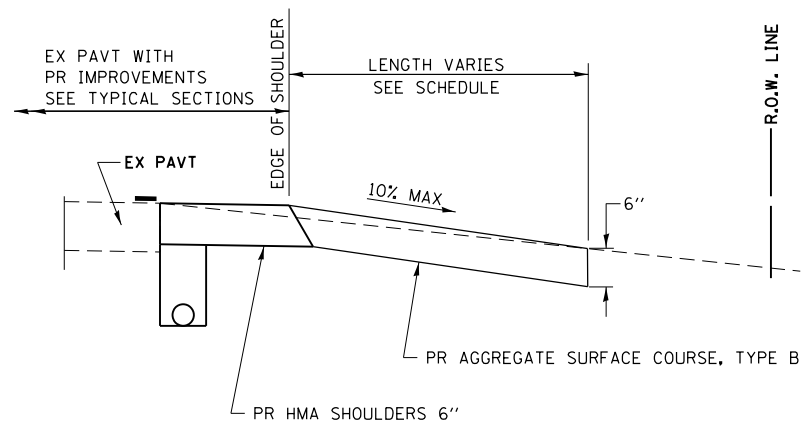
REVISED -
REVISED -
REVISED -
REVISED -

**MOULTRIE COUNTY
CH 4 IMPROVEMENTS**

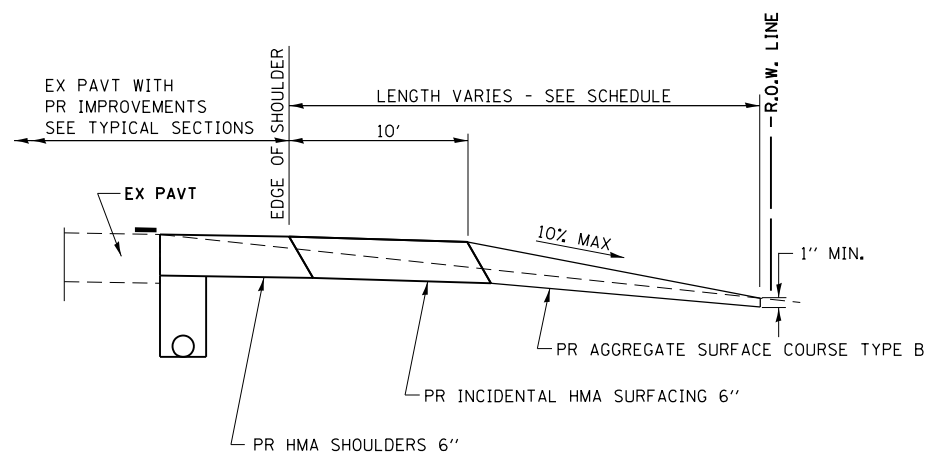
SIDE ROAD DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

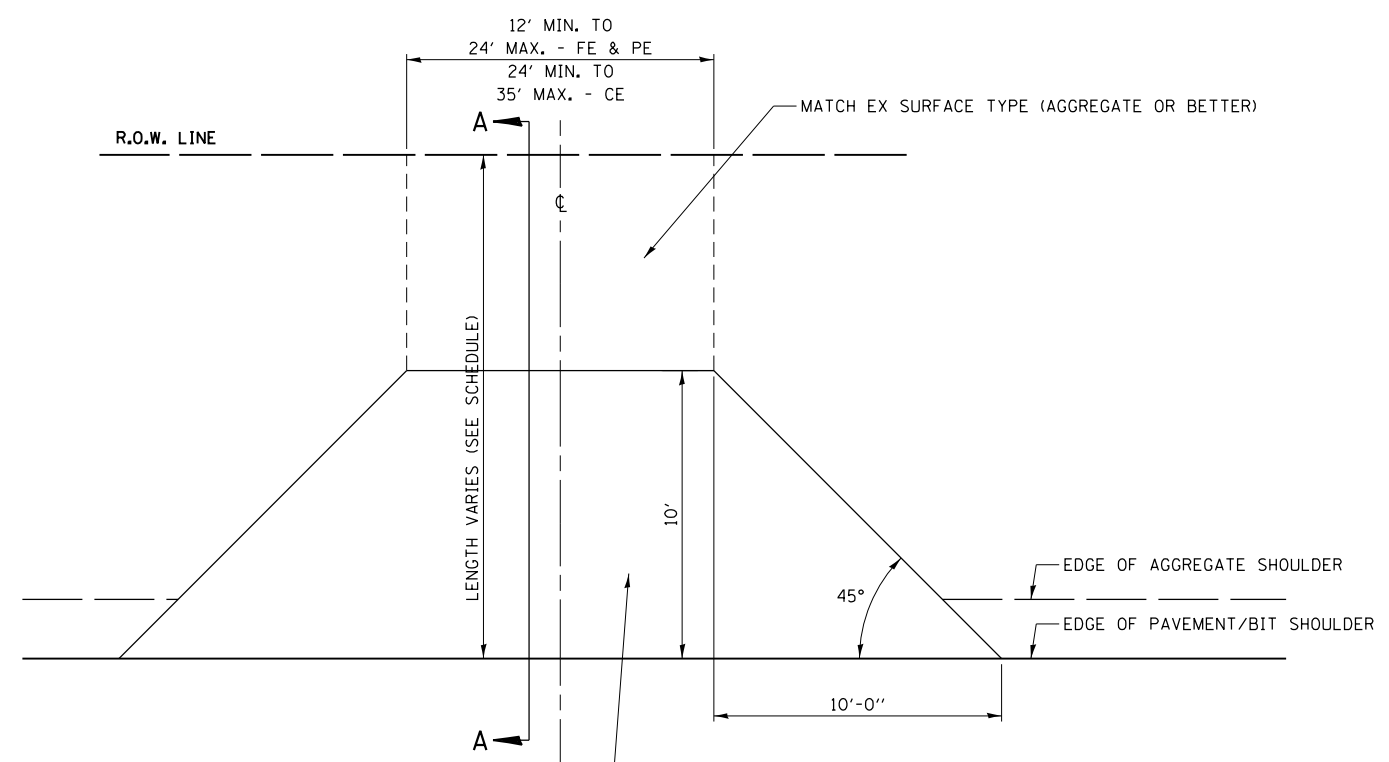
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-5D	MOULTRIE	29	26
CONTRACT NO. 95926				
ILLINOIS FED. AID PROJECT				



SECTION A-A FOR EX EARTH FE



SECTION A-A FOR EX AGGREGATE PE/AGGREGATE FE



FOR EX EARTH OR AGGREGATE SURFACES:
 PR AGGREGATE SURFACE COURSE TYPE B (EARTH FE)
 PR INCIDENTAL HMA SURFACING (AGG PE/AGG FE)

PLAN

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.

WHEN THE HOT-MIX ASPHALT PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES AND REQUIRES 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 HOT-MIX ASPHALT SURFACE COURSE.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

MODEL: Default
 FILE NAME: 2649_1-shd-details.dgn



JOB = 2649.1
FILE NAME = 2649_1-shd-details.dgn
PLOT SCALE = 40.0000' / in.
PLOT DATE = 7/18/2022

DESIGNED - TSH	REVISED -
DRAWN - TSH	REVISED -
CHECKED - CGF	REVISED -
DATE - 4/28/2022	REVISED -

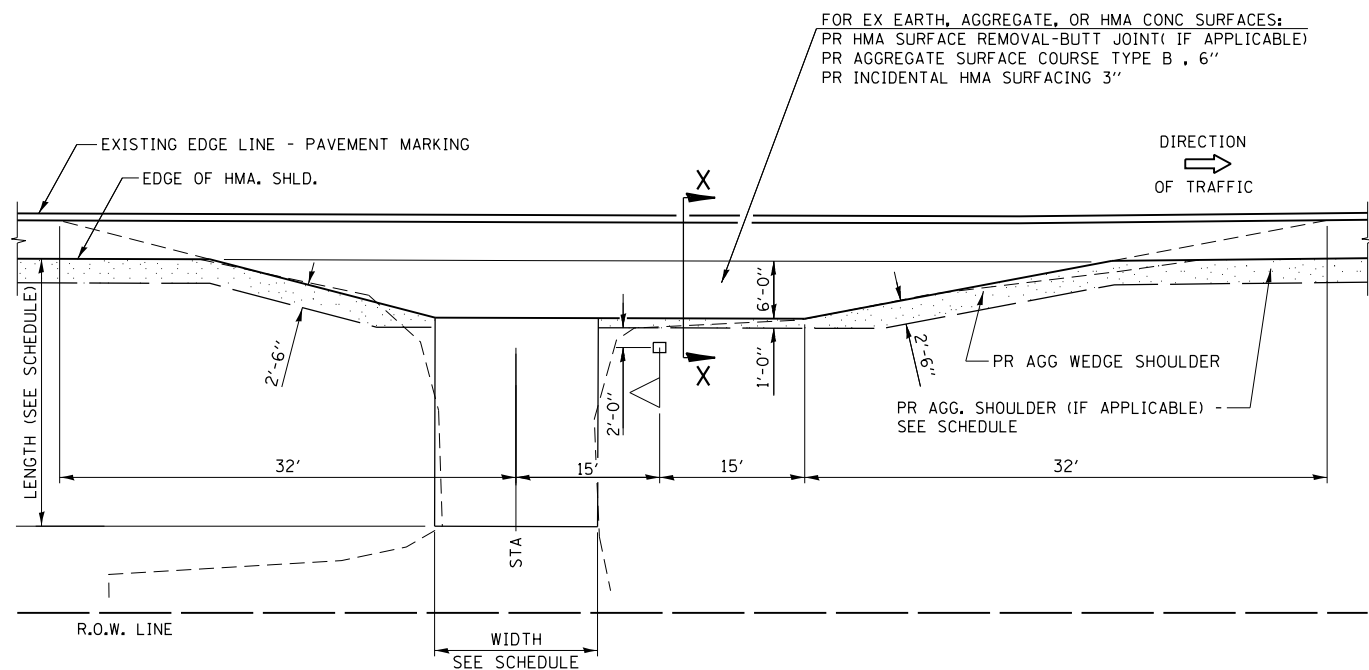
MOULTRIE COUNTY
 CH 4 IMPROVEMENTS

ENTRANCE DETAILS

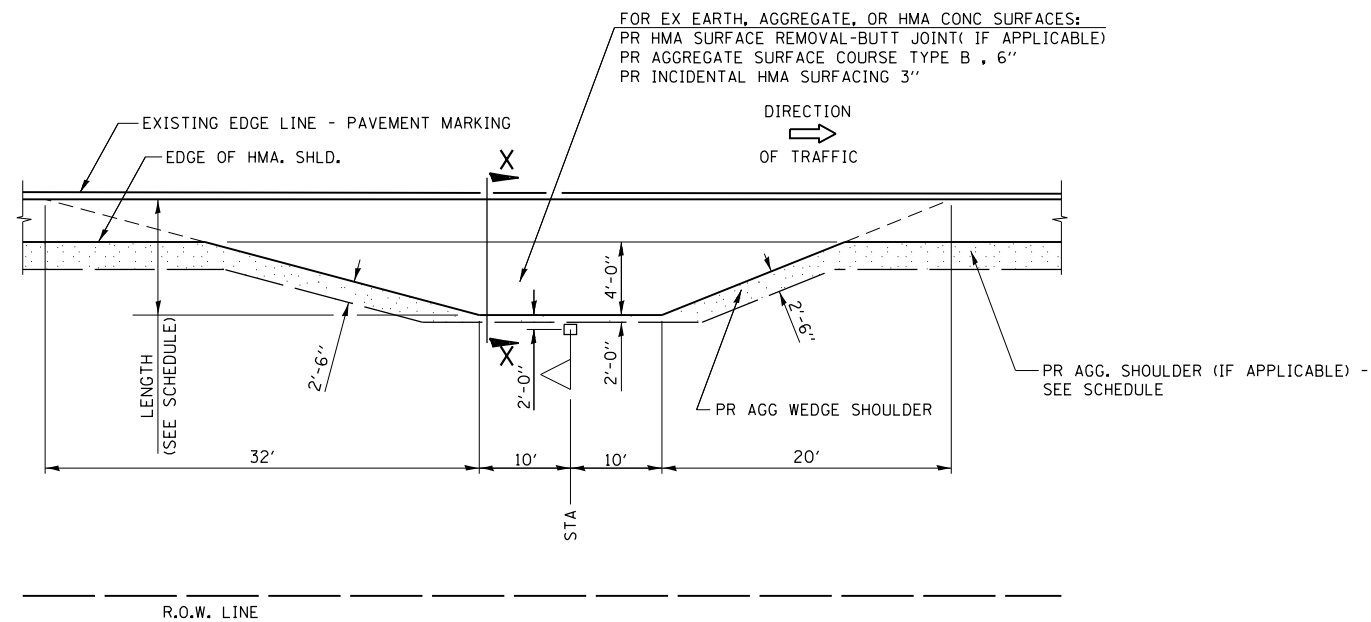
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-5D	MOULTRIE	29	27
CONTRACT NO. 95926				
ILLINOIS FED. AID PROJECT				

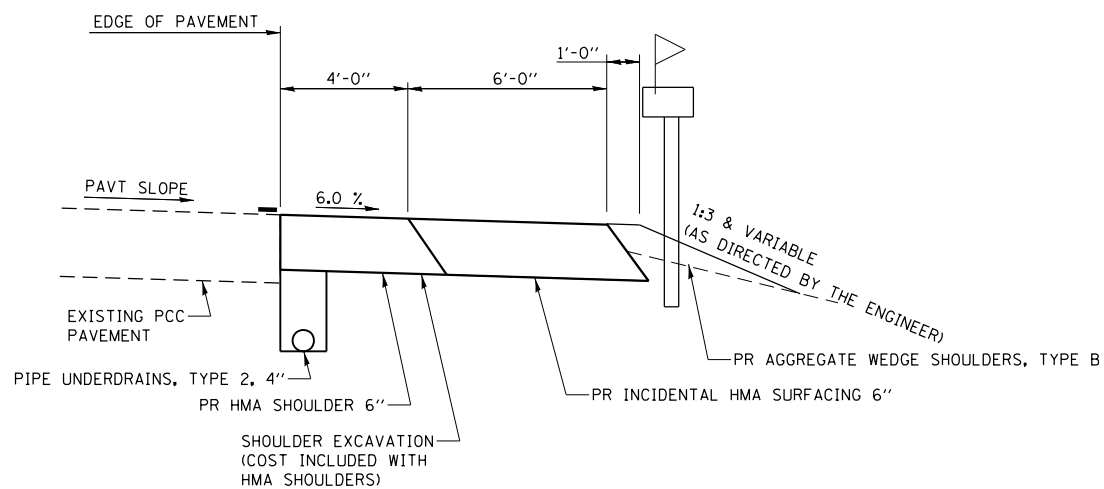
DETAILS OF MAILBOX TURNOUTS



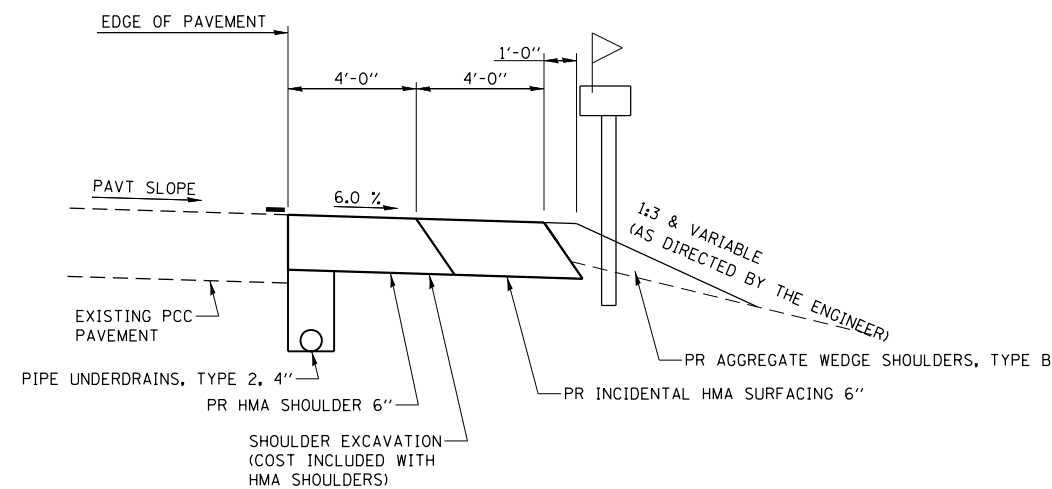
PLAN - PE / MAILBOX TURNOUTS



PLAN - MAILBOX TURNOUTS



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



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

MODEL: Default
 FILE NAME: 2649_1-shd-details.dgn

CEC Cummins
 Engineering
 Corporation
 Civil and Structural Engineering

JOB = 2649.1
 FILE NAME = 2649_1-shd-details.dgn
 PLOT SCALE = 40,0000' / in.
 PLOT DATE = 7/18/2022

DESIGNED - TSH
 DRAWN - TSH
 CHECKED - CGF
 DATE - 4/28/2022

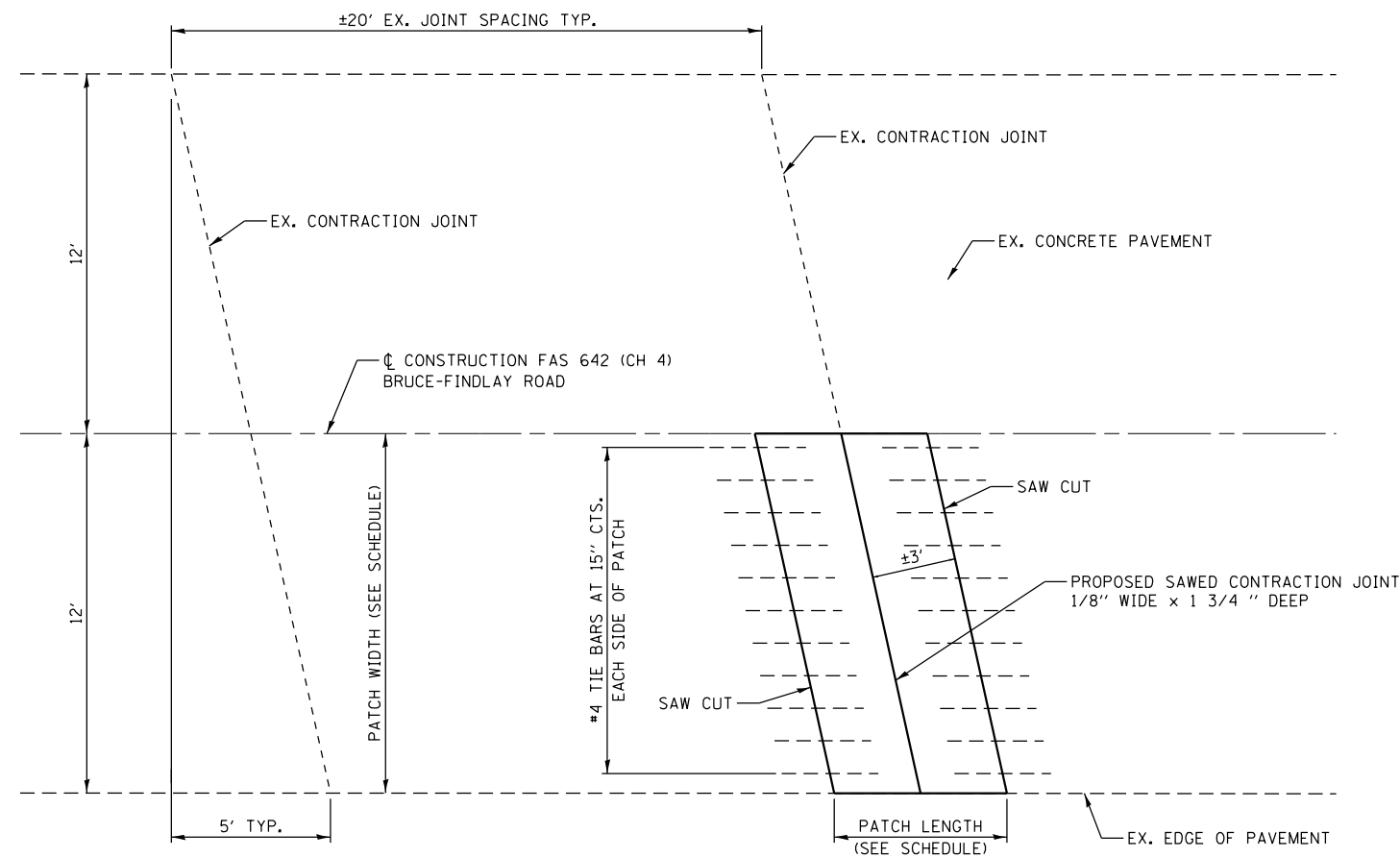
REVISED -
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**MOULTRIE COUNTY
 CH 4 IMPROVEMENTS**

MAILBOX TURNOUT DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

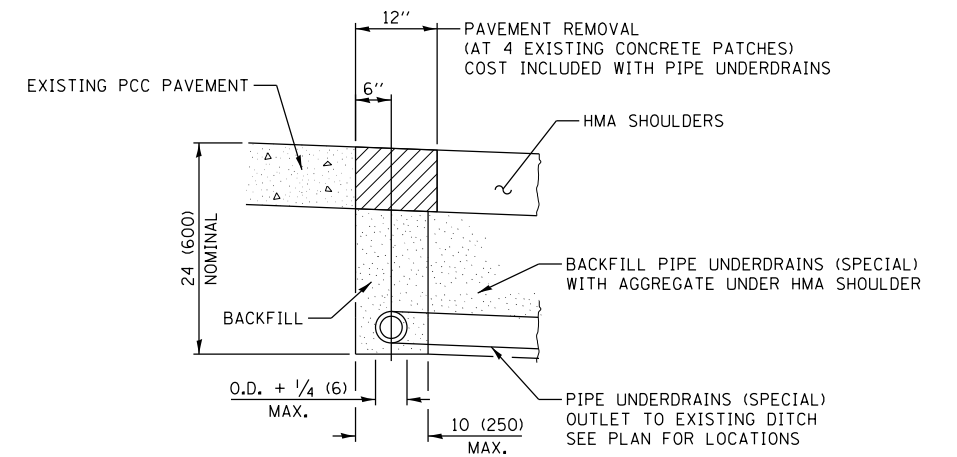
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-5D	MOULTRIE	29	28
CONTRACT NO. 95926				
ILLINOIS FED. AID PROJECT				



PLAN
PATCHING DETAIL

NOTES:

1. WHEEL SAW IS NOT ALLOWED.
2. PATCHES GREATER THAN OR EQUAL TO 20' IN LENGTH SHALL HAVE #4 TIE BARS INSTALLED ON CENTERLINE AT 2'-6" CTS.
3. LANE CLOSURES DURING DAY ONLY. ALL LANES SHALL BE OPEN TO TRAFFIC AT THE END OF EACH DAY.
4. SEE HIGHWAY STANDARD 442201 FOR DETAILS NOT SHOWN.
5. FINISHED OUTSIDE EDGE OF PATCH AT EX. EDGE OF PAVEMENT SHALL BE SET 1/4' HIGHER THAN HMA SHOULDER TO PROVIDE DRAINAGE.



TRENCH DETAIL
AT PIPE UNDERDRAINS

MODEL: Default
FILE NAME: 2649.1-shd-details.dgn

CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB = 2649.1	DESIGNED - TSH	REVISED -
FILE NAME = 2649.1-shd-details.dgn	DRAWN - TSH	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - CGF	REVISED -
PLOT DATE = 7/18/2022	DATE - 4/14/2022	REVISED -

**MOULTRIE COUNTY
CH 4 IMPROVEMENTS**

MISCELLANEOUS DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	20-00031-00-5D	MOULTRIE	29	29
CONTRACT NO. 95926				
ILLINOIS FED. AID PROJECT				