

INDEX OF SHEETS

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LIST OF HIGHWAY STANDARDS

<u>STANDARD NO.</u>	<u>NAME OF STANDARD</u>
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS $\leq$ 40 MPH
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-10	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTES

G.N.-100A
ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD
FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

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

G.N.-107.12
THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD
CONTACT IS:

MR. GEORGE TAYLOR
ENGINEER OF PUBLIC IMPROVEMENTS
NORFOLK SOUTHERN CORPORATION
650 WEST PEACHTREE STREET, NW., BOX 45
ATLANTA, GA 30309
(618)-333-4274

SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS.

G.N. - 406H

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION	MATTIS AVE.	MATTIS AVE.
MIXTURE USE	POLYMER SURFACE	INCIDENTAL
AC/PG	SBS PG 70-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=50
MIX COMP(GRADATION)	IL 9.5	IL 9.5
FRICTION AGGREGATE	MIX "D"	MIX "C"
MIXTURE WEIGHT	112	112
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA
SUBLOT SIZE	3000	3000
MATERIAL TRANSFER DEVICE (REQUIRED ?)	NO	NO

G.N. 406S
PROJECT POSTED SPEED LIMITS

THE FOLLOWING TABLE IS A LISTING OF POSTED SPEED LIMITS WITHIN THE PROJECT LIMITS. THE ENGINEER SHALL FIELD VERIFY THESE LIMITS:

LOCATION	STATION	TO	STATION	POSTED SPEED LIMIT (MPH)
FAP 811 / (MATTIS AVE.)	26+15.00		27+70.00	40

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 EXCESSIVE 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 ARTICLE 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: PAVEMENT MARKING REMOVAL, COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (TACK COAT), AND BINDER & 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

THERE ARE NO COMMITMENTS FOR THIS CONTRACT.

BENCHMARKS

T.S. 400	STA. 25+52.30, (RT. 39.9701') BENCHMARK IS A DISK IN CONCRETE AT THE N.W. QUADRANT OF MATTIS AVENUE AND RAILROAD CROSSING. STAMPED CHAMPAIGN HORIZONTAL CONTROL STATION NO. 22. ALSO TRAVERSE STATION NO. 400 ELEVATION: 754.872
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USER NAME = Greg.Eaglin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, LIST OF HIGHWAY STANDARDS, GENERAL NOTES	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -			811	23R-6P1	CHAMPAIGN	33	2
	CHECKED -	REVISED -			CONTRACT NO. 70G34				
PLOT DATE = 4/22/2025	DATE -	REVISED -			SCALE:	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

LOCATION OF WORK: FAP 811 (MATTIS AVE.)
URBAN 4 LANE
STA. 26+15.00
TO
STA. 27+70.00
COUNTY: CHAMPAIGN
FUNDING BREAKOUT: 100% FED
CONSTRUCTION CODE: 0021

LOCATION OF WORK: FAP 811 (MATTIS AVE.)
URBAN 4 LANE
STA. 26+15.00
TO
STA. 27+70.00
COUNTY: CHAMPAIGN
FUNDING BREAKOUT: 100% FED
CONSTRUCTION CODE: 0021

CODE NO	ITEM	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	96.0
20400800	FURNISHED EXCAVATION	CU YD	29.0
20700110	POROUS GRANULAR EMBANKMENT	TON	69.0
25000210	SEEDING, CLASS 2A	ACRE	0.1
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	3.0
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	3.0
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	3.0
25100115	MULCH, METHOD 2	ACRE	0.1
28100103	STONE RIPRAP, CLASS A2	SQ YD	132.0
28100105	STONE RIPRAP, CLASS A3	SQ YD	130.0
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	387.0
40600370	LONGITUDINAL JOINT SEALANT	FOOT	335.0

* SPECIALTY ITEM

CODE NO	ITEM	UNIT	TOTAL QUANTITY
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	804.0
40600990	TEMPORARY RAMP	SQ YD	149.0
40604162	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	91.0
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	134.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	18.0
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1,233.0
* 42400800	DETECTABLE WARNINGS	SQ FT	48.0
44000100	PAVEMENT REMOVAL	SQ YD	159.0
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	274.0
44000600	SIDEWALK REMOVAL	SQ FT	1,295.0
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2.0
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	24.0

* SPECIALTY ITEM

MODEL: SQQ [Sheet]
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	USER NAME = Greg.Eaglin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					811	23R-5-P1	CHAMPAIGN	33	3
		CHECKED -	REVISED -					CONTRACT NO. 70G34				
	PLOT DATE = 4/29/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 3	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

LOCATION OF WORK:

FAP 811 (MATTIS AVE.)
URBAN 4 LANE
STA. 26+15.00
TO
STA. 27+70.00

COUNTY:

CHAMPAIGN

FUNDING BREAKOUT:

100% FED

CONSTRUCTION CODE:

0021

LOCATION OF WORK:

FAP 811 (MATTIS AVE.)
URBAN 4 LANE
STA. 26+15.00
TO
STA. 27+70.00

COUNTY:

CHAMPAIGN

FUNDING BREAKOUT:

100% FED

CONSTRUCTION CODE:

0021

CODE NO	ITEM	UNIT	TOTAL QUANTITY
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	196.0
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	274.0
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	1,117.0
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	96.0
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2.0
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1.0
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1.0
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	5.0
67100100	MOBILIZATION	L SUM	1.0
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1.0
70102634	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	L SUM	1.0
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1.0

* SPECIALTY ITEM

CODE NO	ITEM	UNIT	QUANTITY
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	4.0
70300100	SHORT TERM PAVEMENT MARKING	FOOT	64.0
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	11.0
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	581.0
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	136.0
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	47.0
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	245.0
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	581.0
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	136.0
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	138.0
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	245.0
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	581.0

* SPECIALTY ITEM

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SUMMARY OF QUANTITIES

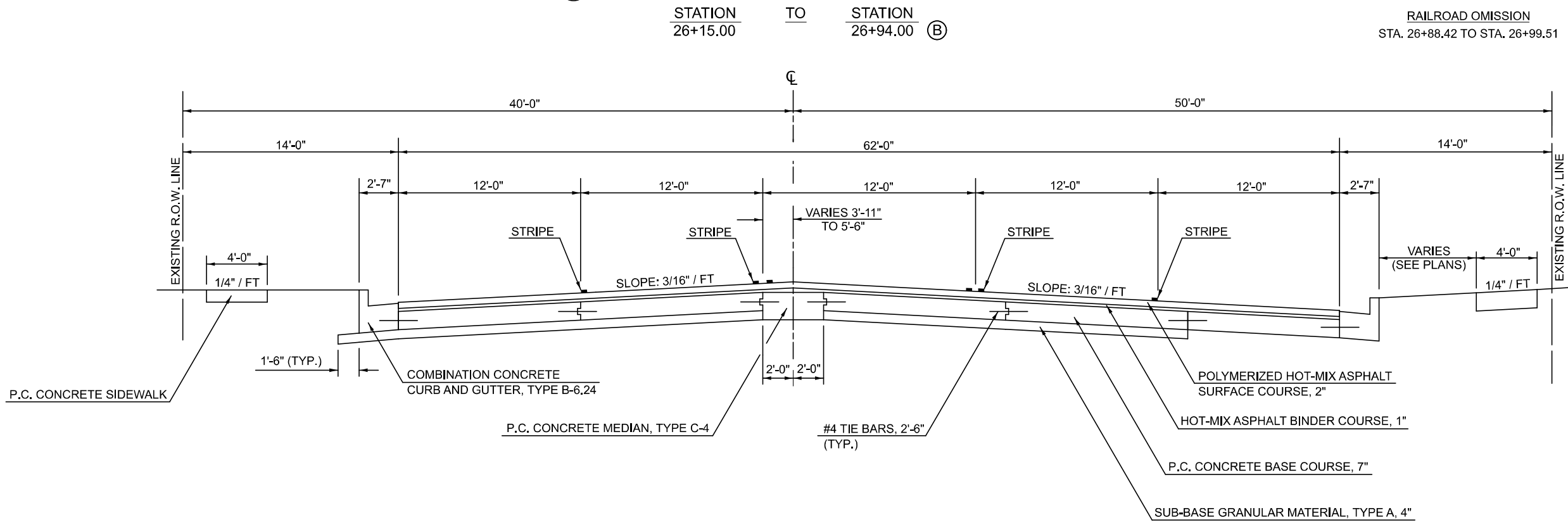
LOCATION OF WORK: FAP 811 (MATTIS AVE.)
URBAN 4 LANE
STA. 26+15.00
TO
STA. 27+70.00
COUNTY: CHAMPAIGN
FUNDING BREAKOUT: 100% FED
CONSTRUCTION CODE: 0021

	CODE NO	ITEM	UNIT	QUANTITY
*	78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	136.0
*	78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	138.0
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	16.0
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	12.0
	X4020500	AGGREGATE SURFACE COURSE, TYPE B 6"	SQ YD	57.0
	X5010523	REMOVE CONCRETE END SECTION	EACH	2.0
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1.0
	Z0024475	TUBULAR MARKER	EACH	40.0
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0

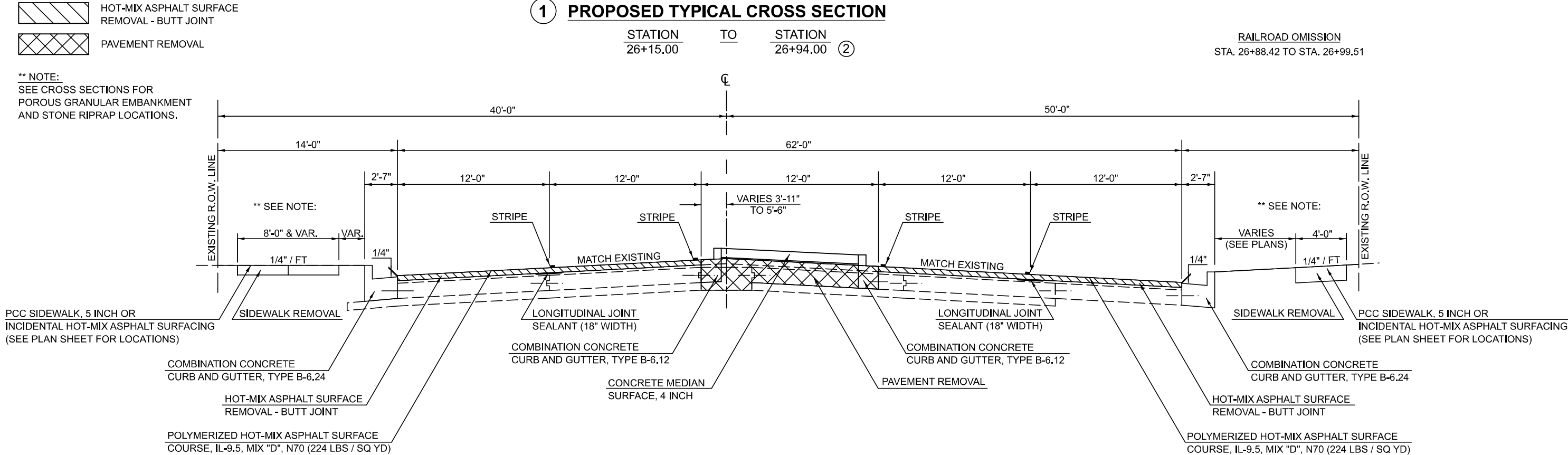
* SPECIALTY ITEM

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A EXISTING TYPICAL CROSS SECTION



1 PROPOSED TYPICAL CROSS SECTION



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USER NAME	= Greg.Eaglin	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 5/5/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

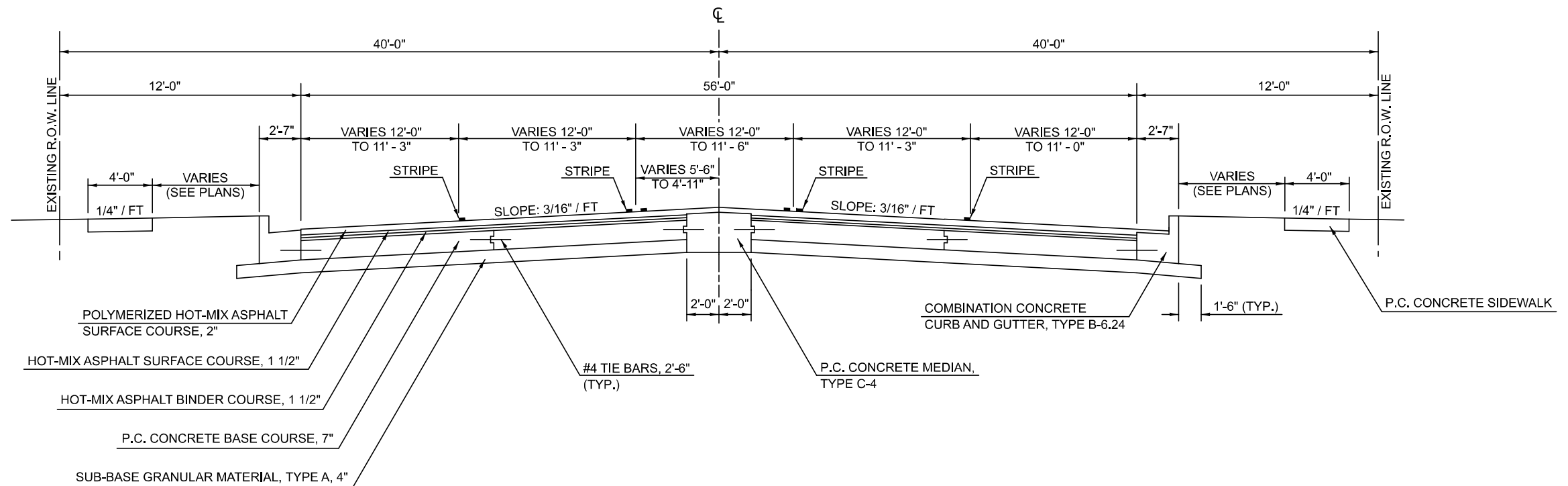
TYPICAL CROSS SECTION

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
811	23R-5-P1	CHAMPAIGN	33	6
CONTRACT NO. 70G34				
ILLINOIS FED. AID PROJECT				

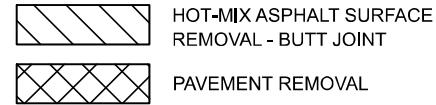
(A)	<u>STATION</u> 26+94.00	<u>TO</u>	<u>STATION</u> 27+70.00
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RAILROAD OMISSION
STA. 26+88.42 TO STA. 26+99.51

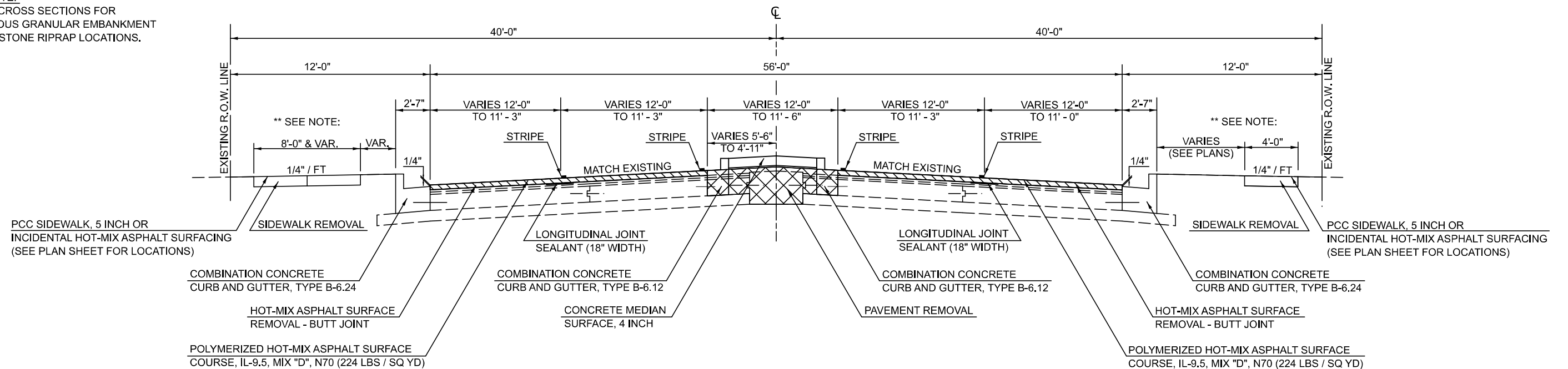


STATION	TO	STATION
① 26+94.00		27+70.00

RAILROAD OMISSION
STA. 26+88.42 TO STA. 26+99.51



**** NOTE:**
SEE CROSS SECTIONS FOR
POROUS GRANULAR EMBANKMENT
AND STONE RIPRAP LOCATIONS.



USER NAME = Greg.Eaglin	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLT DATE = 5/5/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTION

SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
811	23R-5-P1	CHAMPAIGN	33	7
CONTRACT NO. 70G34				
ILLINOIS		FED. AID PROJECT		

SCHEDULE OF QUANTITIES

MEDIAN SCHEDULE

					PAVEMENT REMOVAL (SQ YD)	60603800 COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12 (FOOT)	60618300 CONCRETE MEDIAN SURFACE, 4 INCH (SQ FT)		
LOCATION		STATION	TO	STATION					
C.L.	MEDIAN	26+15.00		26+79.41				82.0	
C.L.	MEDIAN	27+08.00		27+70.00				77.0	
RT.	MEDIAN	26+21.30		26+70.64		50.0			
RT.	MEDIAN	27+16.50		27+64.50		48.0			
LT.	MEDIAN	26+20.85		26+70.40		50.0			
LT.	MEDIAN	27+16.50		27+64.50		48.0			
C.L.	MEDIAN	26+15.00		26+79.41		582.0			
C.L.	MEDIAN	27+08.00		27+70.00		535.0			
					TOTAL =	159.0	196.0	1117.0	
					USE =	159.0	196.0	1117.0	
					SQ YD		FOOT	SQ FT	

CURB & GUTTER SCHEDULE

				44000500	60605000
				COMBINATION CURB & GUTTER REMOVAL	COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24
STATION		TO	STATION	(FT)	(FT)
RT.	26+16.28		26+60.60	45.0	45.0
RT.	26+95.54		28+00.70	106.0	106.0
LT.	26+13.89		26+92.26	79.0	79.0
LT.	27+26.20		27+70.00	44.0	44.0
			TOTAL =	274.0	274.0
				FT	FT

PIPE CULVERT SCHEDULE

								X5010523	542A0229	54213669	ELEVATION USFL INVERT (SEE NOTE) (+/-)	ELEVATION DSFL INVERT (SEE NOTE) (+/-)
LOCATION	STATION	OFFSET (FT)		TO	STATION	OFFSET (FT)		REMOVE CONCRETE END SECTION (EACH)	PIPE CULVERTS CLASS A TYPE 1, 24" (FT)	PRECAST REINFORCED CONCRETE FLARED END SECTION (EACH)		
N.E. QUADRANT	26+78.89	LT.	45.76			LT.		1.0				
N.E. QUADRANT	26+78.89	LT.	45.76		26+84.08	LT.	56.55		12.0		749.89	749.71
N.E. QUADRANT	26+84.08	LT.	56.55			LT.				1.0		
N.E. QUADRANT	26+83.71	LT.	45.72			LT.		1.0				
N.E. QUADRANT	26+83.71	LT.	45.72		26+88.85	LT.	56.56		12.0		749.97	749.79
N.E. QUADRANT	26+88.85	LT.	56.56			LT.				1.0		
								TOTAL =	2.00	24.00	2.0	
								EACH	FT	EACH		

NOTE:

NOTE:
THE INTENT IS TO EXTEND THE EXISTING PIPE CULVERT USING
EXISTING INVERTS AND PIPE CULVERT FLOWLINES.

SIDEWALK SCHEDULE

			44000600	42400200	42400800		40800025	40800050	
			SIDEWALK REMOVAL	PORTLAND CEMENT CONCRETE SIDEWALK, 5"	DETECTABLE WARNINGS	INCIDENTAL SIDEWALK AREA	BITUMINOUS MATERIAL PRIME COAT	INCIDENTAL HOT-MIX ASPHALT SURFACING (THICKNESS = 5")	
STATION	TO	STATION	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(POUND)	(TON)	
RT.	26+16.68		26+67.44	240.0					
RT.	26+78.44		27+70.01	394.0					
LT.	26+13.81		27+09.58	405.0					
LT.	27+14.96		27+56.75	256.0					
RT.	26+16.68		26+55.00		156.0	8.0			
RT.	26+55.00		26+67.91			85.0	21.25	2.64	
RT.	26+79.21		26+91.00			96.0	24.00	2.99	
RT.	26+91.00		27+70.00		319.0	8.0			
LT.	26+13.86		26+92.00		566.0	16.0			
LT.	26+92.00		27+08.15			191.0	47.75	5.94	
LT.	27+19.06		27+35.00			161.0	40.25	5.01	
LT.	27+35.00		27+56.36		192.0	16.0			
			TOTAL =	1295.0	1233.0	48.0	533.0	133.25	16.58
			USE =	1295.0	1233.0	48.0	533.0	134.00	18.00
				SQ FT	SQ FT	SQ FT	SQ FT	POUND	TON

FILE NAME	USER NAME = Greg.Eaglin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -						811	23R-6-P1	CHAMPAIGN	33	8	
		CHECKED -	REVISED -						CONTRACT NO. 70G34					
	PLOT DATE = 4/29/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 4 SHEETS	STA.	TO STA.					

SCHEDULE OF QUANTITIES

HOT-MIX ASPHALT SCHEDULE

									40600982	40600370	40600290	40604162
LOCATION		STATION	TO	STATION	LENGTH (FT)	AVERAGE WIDTH (FT)	AREA (SQ YD)	HMA THICKNESS (INCHES)	HMA SURFACE REMOVAL, BUTT JOINT (SQ YD)	LONGITUDINAL JOINT SEALANT (FOOT)	BITUMINOUS MATERIAL TACK COAT (POUND)	POLY HMA SURFACE COURSE IL-9.5, MIX "D", N70 (TON)
RT.	DRIVING LANE	26+15.00		26+79.24	64.24					64.24	4.92	
RT.	DRIVING LANE	26+90.59		27+70.00	79.41					79.41	5.96	
LT.	DRIVING LANE	26+15.00		26+97.00	82.00					82.00	6.15	
LT.	DRIVING LANE	27+07.92		27+70.00	62.08					62.08	4.96	
RT.	MEDIAN	26+73.49		26+85.16	11.67					11.67	0.98	
RT.	MEDIAN	26+96.34		27+08.00	11.66					11.66	0.97	
LT.	MEDIAN	26+79.41		26+91.08	11.67					11.67	0.98	
LT.	MEDIAN	27+02.17		27+13.75	11.58					11.58	0.97	
RT.	DRIVING LANE	26+15.00		26+79.24	64.24	11.50	82.08	2.0	82.08		36.94	9.19
RT.	DRIVING LANE	26+90.59		27+70.00	79.41	11.90	105.00	2.0	105.00		47.25	11.76
RT.	PASSING LANE	26+15.00		26+85.16	70.16	11.50	89.65	2.0	89.65		40.34	10.04
RT.	PASSING LANE	26+96.34		27+70.00	73.66	12.00	98.21	2.0	98.21		44.20	11.00
LT.	DRIVING LANE	26+15.00		26+97.00	82.00	12.60	114.80	2.0	114.80		51.96	12.86
LT.	DRIVING LANE	27+07.92		27+70.00	62.08	11.30	77.94	2.0	77.94		35.08	8.73
LT.	PASSING LANE	26+15.00		26+91.08	76.08	12.60	106.51	2.0	106.51		47.93	11.93
LT.	PASSING LANE	27+02.17		27+70.00	67.83	11.30	85.16	2.0	85.16		38.32	9.54
C.L.	MEDIAN	26+76.87		26+88.42	11.55	12.20	15.66	2.0	15.66		7.05	1.75
C.L.	MEDIAN	26+99.54		27+11.17	11.63	12.00	15.51	2.0	15.51		6.98	1.74
RT.	RT. EOP	26+61.59		26+73.30	11.71	2.60	3.38	2.0	3.38		1.52	0.38
RT.	RT. EOP	26+84.80		26+96.52	11.72	2.60	3.39	2.0	3.39		1.52	0.38
LT.	LT. EOP	26+91.27		27+02.93	11.66	2.60	3.37	2.0	3.37		1.52	0.38
LT.	LT. EOP	27+13.71		27+25.23	11.52	2.60	3.33	2.0	3.33		1.50	0.37
TOTAL =									803.99	334.31	386.97	90.05
USE =									804.00	335.00	387.00	91.00
									SQ YD	FOOT	POUND	TON

40600990 TEMPORARY RAMP

LOCATION		STATION	TO	STATION	DROP (INCH)	LENGTH (FT)	WIDTH (FT)	QUANTITY (SQ YD)	CONSTRUCT AFTER:
RT.	DRIVING LANE	26+15.00		26+21.67	2.00	6.67	12.00	8.89	MILLING
RT.	DRIVING LANE	26+72.57		26+79.24	2.00	6.67	13.40	9.93	MILLING
RT.	DRIVING LANE	26+90.59		26+97.26	2.00	6.67	13.40	9.93	MILLING
RT.	DRIVING LANE	27+63.33		27+70.00	2.00	6.67	11.25	8.34	MILLING
RT.	PASSING LANE	26+15.00		26+21.67	2.00	6.67	12.00	8.89	MILLING
RT.	PASSING LANE	26+72.57		26+79.24	2.00	6.67	13.50	10.00	MILLING
RT.	PASSING LANE	26+90.59		26+97.26	2.00	6.67	13.20	9.78	MILLING
RT.	PASSING LANE	27+63.33		27+70.00	2.00	6.67	11.25	8.34	MILLING
LT.	DRIVING LANE	26+15.00		26+21.67	2.00	6.67	12.00	8.89	MILLING
LT.	DRIVING LANE	26+90.33		26+97.00	2.00	6.67	13.50	10.01	MILLING
LT.	DRIVING LANE	27+07.92		27+14.59	2.00	6.67	13.20	9.78	MILLING
LT.	DRIVING LANE	27+63.33		27+70.00	2.00	6.67	11.50	8.52	MILLING
LT.	PASSING LANE	26+15.00		26+21.67	2.00	6.67	12.00	8.89	MILLING
LT.	PASSING LANE	26+90.33		26+97.00	2.00	6.67	13.50	10.01	MILLING
LT.	PASSING LANE	27+07.92		27+14.59	2.00	6.67	13.20	9.78	MILLING
LT.	PASSING LANE	27+63.33		27+70.00	2.00	6.67	11.50	8.52	MILLING
TOTAL =								148.52	
USE =								149.00	
								SQ YD	

70300100 SHORT TERM PAVEMENT MARKING

70300150 SHORT TERM PAVEMENT MARKING REMOVAL

LOCATION		STATION	TO	STATION	70300100 QUANTITY (FT)	APPLY AFTER	COLOR	70300150 QUANTITY (SQ FT)
RT.	C.L.	26+15.00		26+79.24	16.00	MILLING, SURFACE	WHITE	2.67
RI.	C.L.	26+90.59		27+70.00	16.00	MILLING, SURFACE	WHITE	2.67
LT.	C.L.	26+15.00		26+97.00	16.00	MILLING, SURFACE	WHITE	2.67
LT.	C.L.	27+07.92		27+70.00	16.00	MILLING, SURFACE	WHITE	2.67
TOTAL =					64.00		TOTAL =	10.67
USE =					64.00		USE =	11.00
					FT			SQ FT

NOTE:
SHORT TERM PAVEMENT MARKINGS WILL BE REMOVED FROM THE FINAL SURFACE ONLY.

MODEL: Schedules-1 [Sheet]
FILE NAME: c:\p\work\pwr\delagilgald1000374D570G34-Schedules.dgn

SCHEDULE OF QUANTITIES

20200100 EARTH EXCAVATION
20400800 FURNISHED EXCAVATION

					20200100 EARTH EXCAVATION (NOTE C)	20400800 FURNISHED EXCAVATION
					(CU YD)	(CU YD)
STATION	TO	STATION	WORK DESCRIPTION			
RT.	26+16.21		26+61.59	CURB & GUTTER	2.60	2.60
RT.	26+96.52		28+00.70	CURB & GUTTER	5.80	5.80
LT.	26+13.95		26+91.27	CURB & GUTTER	4.30	4.30
LT.	27+25.23		27+70.00	CURB & GUTTER	2.50	2.50
RT.	26+16.30		26+68.68	SIDEWALK	2.00	1.50
RT.	26+72.48		27+70.00	SIDEWALK	1.00	6.80
LT.	26+13.73		27+11.98	SIDEWALK	3.00	3.90
LT.	27+18.22		27+51.00	SIDEWALK	3.00	1.10
LT.	26+66.19		27+06.85	RIPRAP CLASS A3	30.00	0.00
TOTAL =					54.20	28.50
LEVEL 3 SCREENING =					96.00	0.00
USE =					96.00	29.00
					CU YD	CU YD

NOTES:

- A) THE EARTH EXCAVATION FOR THE CURB & GUTTER IS CALCULATED AT A 1.5 FT DEPTH AT A DISTANCE OF 1.0 FT BEHIND THE BACK OF CURB.
- B) THE EXCAVATION FOR THE STONE RIPRAP CLASS A3 IS CALCULATED AT AN 8 INCH DEPTH.
- C) THIS WORK SHALL BE COMPLETED ACCORDING TO ARTICLE 669.09(a)(5) OF THE STANDARD SPECIFICATIONS PER THE REQUIREMENTS SHOWN IN THE SPECIAL PROVISION FOR REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES.
- D) THE QUANTITY OF EXCAVATION SUBMITTED FOR THE REGULATED SUBSTANCE LEVEL 3 SCREENING WAS 96.0 CU YD. THIS QUANTITY MAY NOT BE REQUIRED, BUT NEEDS TO BE USED AS PLAN QUANTITY.

STONE RIPRAP SCHEDULE

					28100103 STONE RIPRAP CLASS A2 (SQ YD)	28100105 STONE RIPRAP CLASS A3 (SQ YD)
STATION	OFFSET (FT)	TO	STATION	OFFSET (FT)		
26+47.61	RT.	42.71		26+61.30	RT.	54.50
26+72.48	RT.	55.50		27+24.49	RT.	37.91
26+66.19	LT.	55.73		27+06.85	LT.	78.30
26+92.02	LT.	48.05		27+11.98	LT.	51.50
27+23.91	LT.	49.97		27+54.50	LT.	47.75
TOTAL =					132.0	130.0
					SQ YD	SQ YD

SEEDING SCHEDULE

							25000210 SEEDING, CLASS 2A	25000400 NITROGEN FERTILIZER NUTRIENT	25000500 PHOSPHORUS FERTILIZER NUTRIENT	25000600 POTASSIUM FERTILIZER NUTRIENT	25100115 MULCH, METHOD 2
							(ACRE)	(POUND)	(POUND)	(POUND)	(ACRE)
STATION	OFFSET (FT)	TO	STATION	OFFSET (FT)	AREA (SQ FT)						
26+16.30	RT.	34.81		26+43.00	RT.	35.22	32.0	0.001	0.07	0.07	0.001
26+17.44	RT.	40.27		26+47.61	RT.	42.71	110.0	0.003	0.23	0.23	0.003
26+91.00	RT.	41.43		28+00.68	RT.	30.15	330.0	0.008	0.68	0.68	0.008
27+24.49	RT.	52.63		27+70.09	RT.	37.02	160.0	0.004	0.33	0.33	0.004
26+13.73	LT.	36.81		26+66.19	LT.	55.73	190.0	0.004	0.39	0.39	0.004
26+57.00	LT.	31.34		26+96.50	LT.	40.14	165.0	0.004	0.34	0.34	0.004
TOTAL =								0.023	2.04	2.04	0.023
USE =								0.100	3.00	3.00	0.100
								ACRE	POUND	POUND	ACRE

X4020500 AGGREGATE SURFACE COURSE, TYPE B 6"

							X4020500
							AGGREGATE SURFACE COURSE, TYPE B 6" (SQ YD)
STATION	OFFSET (FT)		TO	STATION	OFFSET (FT)		
26+43.00	RT.	35.22		26+68.68	RT.	33.65	8.0
26+86.92	RT.	32.77		26+91.00	RT.	41.43	22.0
26+92.55	LT.	32.06		27+04.77	LT.	40.31	18.0
27+18.22	LT.	31.54		27+51.00	LT.	30.76	9.0
TOTAL =							57.0
							SQ YD

20700110 POROUS GRANULAR EMBANKMENT

				POROUS GRANULAR EMBANKMENT	20700110 POROUS GRANULAR EMBANKMENT (1.8 TON / CU YD)
				(CU YD)	(TON)
STATION	TO	STATION			
RT.	26+42.73		26+64.93	3.0	5.4
RT.	26+72.48		27+24.76	20.0	36.0
LT.	26+70.00		27+11.98	12.0	21.6
LT.	27+23.91		27+54.50	3.0	5.4
TOTAL =				38.0	68.4
				38.0	69.0
				CU YD	TON

MODEL: Schedules - 2 (Sheet)
FILE NAME: c:\p\work\pwid\regingad\1000374D570G34-Schedules.dgn

SCHEDULE OF QUANTITIES

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"

70300221 TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT

78011025 GROOVING FOR RECESSED PAVEMENT MARKING 5"

					78000200	70300221	78011025	COLOR
					QUANTITY (FT)	QUANTITY (FT)	QUANTITY (FT)	
RT.	SKIP DASH	26+15.00		26+79.25	20.00	20.00	20.00	WHITE
RT.	SKIP DASH	26+90.59		27+70.00	20.00	20.00	20.00	WHITE
LT.	SKIP DASH	26+15.00		26+97.00	20.00	20.00	20.00	WHITE
LT.	SKIP DASH	27+07.92		27+70.00	20.00	20.00	20.00	WHITE
C.L.	DBL MEDIAN	26+00.00			24.00	24.00	24.00	YELLOW
RT.	DBL MEDIAN	26+00.00		26+15.00	30.00	30.00	30.00	YELLOW
RT.	MEDIAN	26+15.00		26+73.49	58.49	58.49	58.49	YELLOW
RT.	DBL MEDIAN	26+73.49		26+85.16	23.34	23.34	23.34	YELLOW
RT.	DBL MEDIAN	26+96.34		27+08.00	23.32	23.32	23.32	YELLOW
RT.	MEDIAN	27+08.00		27+70.00	62.00	62.00	62.00	YELLOW
RT.	DBL MEDIAN	27+70.00		27+85.00	30.00	30.00	30.00	YELLOW
C.L.	DBL MEDIAN	27+85.00			22.00	22.00	22.00	YELLOW
LT.	DBL MEDIAN	26+00.00		26+15.00	30.00	30.00	30.00	YELLOW
LT.	MEDIAN	26+15.00		26+79.41	64.41	64.41	64.41	YELLOW
LT.	DBL MEDIAN	26+79.41		26+91.08	23.34	23.34	23.34	YELLOW
LT.	DBL MEDIAN	27+02.17		27+13.75	23.16	23.16	23.16	YELLOW
LT.	MEDIAN	27+13.75		27+70.00	56.25	56.25	56.25	YELLOW
LT.	DBL MEDIAN	27+70.00		27+85.00	30.00	30.00	30.00	YELLOW
					TOTAL =	580.31	580.31	580.31
					USE =	581.00	581.00	581.00
						FT	FT	FT

78100100 RAISED REFLECTIVE PAVEMENT MARKER

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

					78100100	78100100	78300200
					ONE-WAY AMBER QUANTITY (EACH	ONE-WAY CRYSTAL QUANTITY (EACH	RRPM REMOVAL QUANTITY (EACH
LOCATION	STATION	TO	STATION	LENGTH (FT)			
RT.	SKIP DASH	26+15.00		26+79.25	64.3		1.0
RT.	SKIP DASH	26+90.59		27+70.00	79.4		1.0
LT.	SKIP DASH	26+15.00		26+97.00	82.0		1.0
LT.	SKIP DASH	27+07.92		27+70.00	62.1		1.0
RT.	MEDIAN	26+00.00		26+85.16	85.2	3.0	2.0
RT.	MEDIAN	26+96.34		27+85.00	88.7	3.0	2.0
LT.	MEDIAN	26+00.00		26+91.08	91.1	3.0	2.0
LT.	MEDIAN	27+02.17		27+85.00	82.8	3.0	2.0
					TOTAL =	12.0	4.0
						EACH	EACH

Z0024475 TUBULAR MARKER

				Z0024475
				TUBULAR MARKER
				(EACH)
STATION	TO	STATION		
C.L.	26+16.00		26+75.50	20.0
C.L.	27+11.65		27+69.00	20.0
				TOTAL =
				40.0
				EACH

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"

70300261 TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT

78011065 GROOVING FOR RECESSED PAVEMENT MARKING 13"

				78000600	70300261	78011065	COLOR
				QUANTITY (FT)	QUANTITY (FT)	QUANTITY (FT)	
MEDIAN	26+00.00		26+15.00	40.0	40.0	40.0	YELLOW
MEDIAN	26+76.87		26+88.42	30.0	30.0	30.0	YELLOW
MEDIAN	26+99.54		27+11.17	30.0	30.0	30.0	YELLOW
MEDIAN	27+70.00		27+85.00	36.0	36.0	36.0	YELLOW
				TOTAL =	136.0	136.0	136.0
					FT	FT	FT

78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

70300281 TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT

78011125 GROOVING FOR RECESSED PAVEMENT MARKING 25"

			78000650	70300281	78011125
			QUANTITY (FT)	QUANTITY (FT)	QUANTITY (FT)
RT.	S.B. LANES (*)	25+53.00	24.0		24.0
RT.	S.B. LANES (*)	26+03.00	24.0		24.0
RT.	S.B. LANES	26+42.00	24.0	24.0	24.0
LT.	N.B. LANES	27+40.00	23.0	23.0	23.0
LT.	N.B. LANES (*)	28+20.00	22.0		22.0
LT.	N.B. LANES (*)	28+70.00	21.0		21.0
			TOTAL =	138.0	138.0
				FT	FT

NOTE (*) :

RAILROAD STOP BARS CURRENTLY EXIST OUTSIDE THE PROPOSED RESURFACING LIMITS. THE INTENT IS TO RESTRIPE THEM IN THEIR CURRENT LOCATION AFTER CONSTRUCTION OPERATIONS ARE COMPLETE.

78000100 THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS

78011000 GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS

			78000100	78011000
			QUANTITY (SQ FT)	QUANTITY (SQ FT)
RT.	S.B. DRIVING LANE (*)	25+79.00	RAILROAD	61.20
RT.	S.B. PASSING LANE (*)	25+79.00	RAILROAD	61.20
LT.	N.B. DRIVING LANE (*)	28+46.00	RAILROAD	61.20
LT.	N.B. PASSING LANE (*)	28+46.00	RAILROAD	61.20
			TOTAL =	244.80
			USE =	245.00
				SQ FT

NOTE (*) :

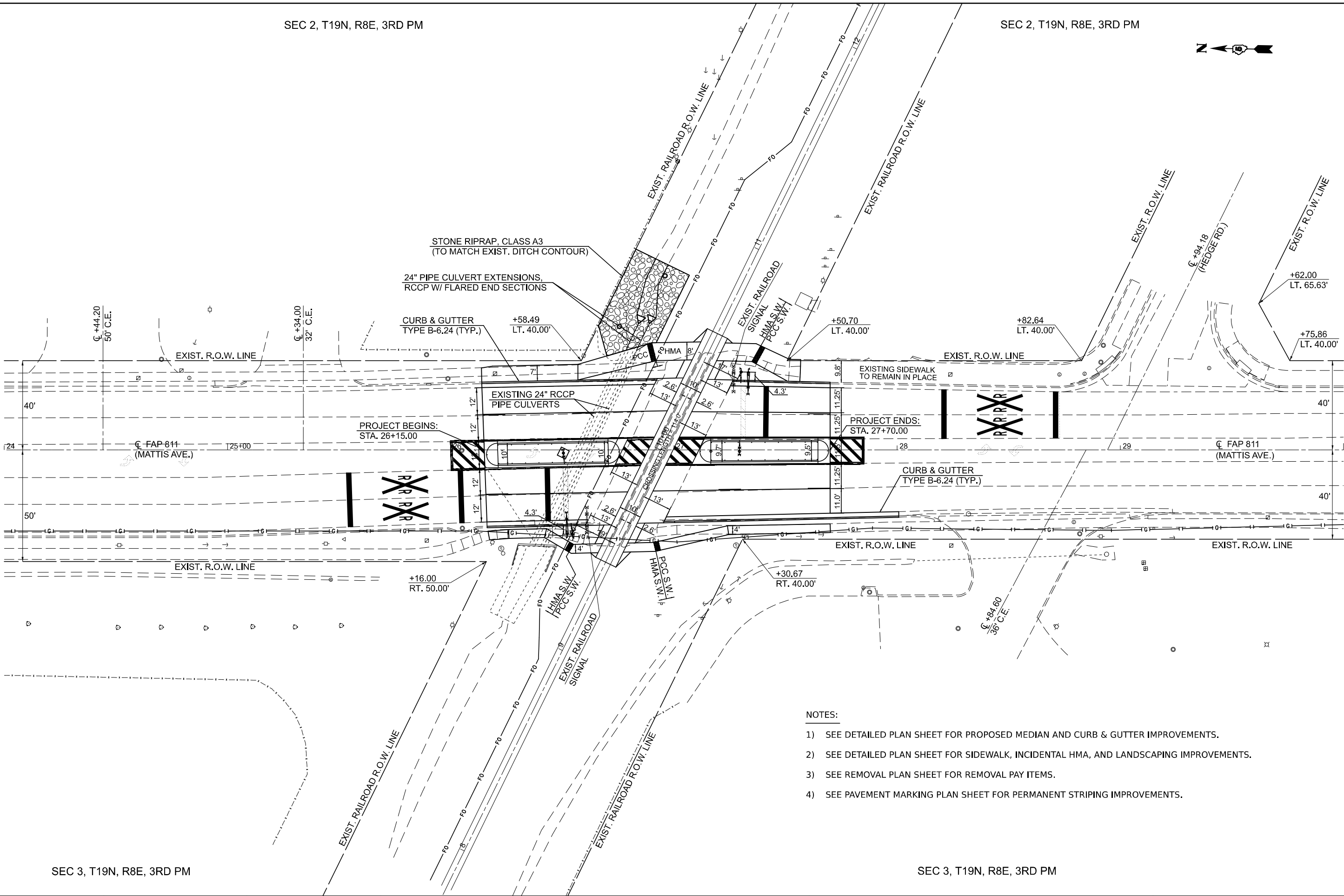
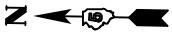
RAILROAD SYMBOLS CURRENTLY EXIST OUTSIDE THE PROPOSED RESURFACING LIMITS. THE INTENT IS TO RESTRIPE THEM IN THEIR CURRENT LOCATION AFTER CONSTRUCTION OPERATIONS ARE COMPLETE.

MODEL: Schedules-3 Views (Sheet)
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	USER NAME = Greg.Eaglin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					811	23R-5-P1	CHAMPAIGN	33	11
		CHECKED -	REVISED -					CONTRACT NO. 70G34				
	PLOT DATE = 4/28/2025	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE:		SHEET 4	OF 4	SHEETS	STA.	TO STA.		

SEC 2, T19N, R8E, 3RD PM

SEC 2, T19N, R8E, 3RD PM



- NOTES:
- 1) SEE DETAILED PLAN SHEET FOR PROPOSED MEDIAN AND CURB & GUTTER IMPROVEMENTS.
 - 2) SEE DETAILED PLAN SHEET FOR SIDEWALK, INCIDENTAL HMA, AND LANDSCAPING IMPROVEMENTS.
 - 3) SEE REMOVAL PLAN SHEET FOR REMOVAL PAY ITEMS.
 - 4) SEE PAVEMENT MARKING PLAN SHEET FOR PERMANENT STRIPING IMPROVEMENTS.

SEC 3, T19N, R8E, 3RD PM

SEC 3, T19N, R8E, 3RD PM

MODEL: MATTIS AVE - Plan 1 (Sheet)
FILE NAME: c:\p\work\p\work\reg\ad1000374d570G34-SH-PLN.dgn

USER NAME = Greg.Eaglin	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 4/22/2025	DATE -	REVISED -

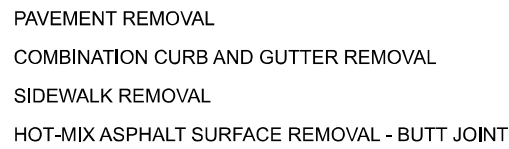
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

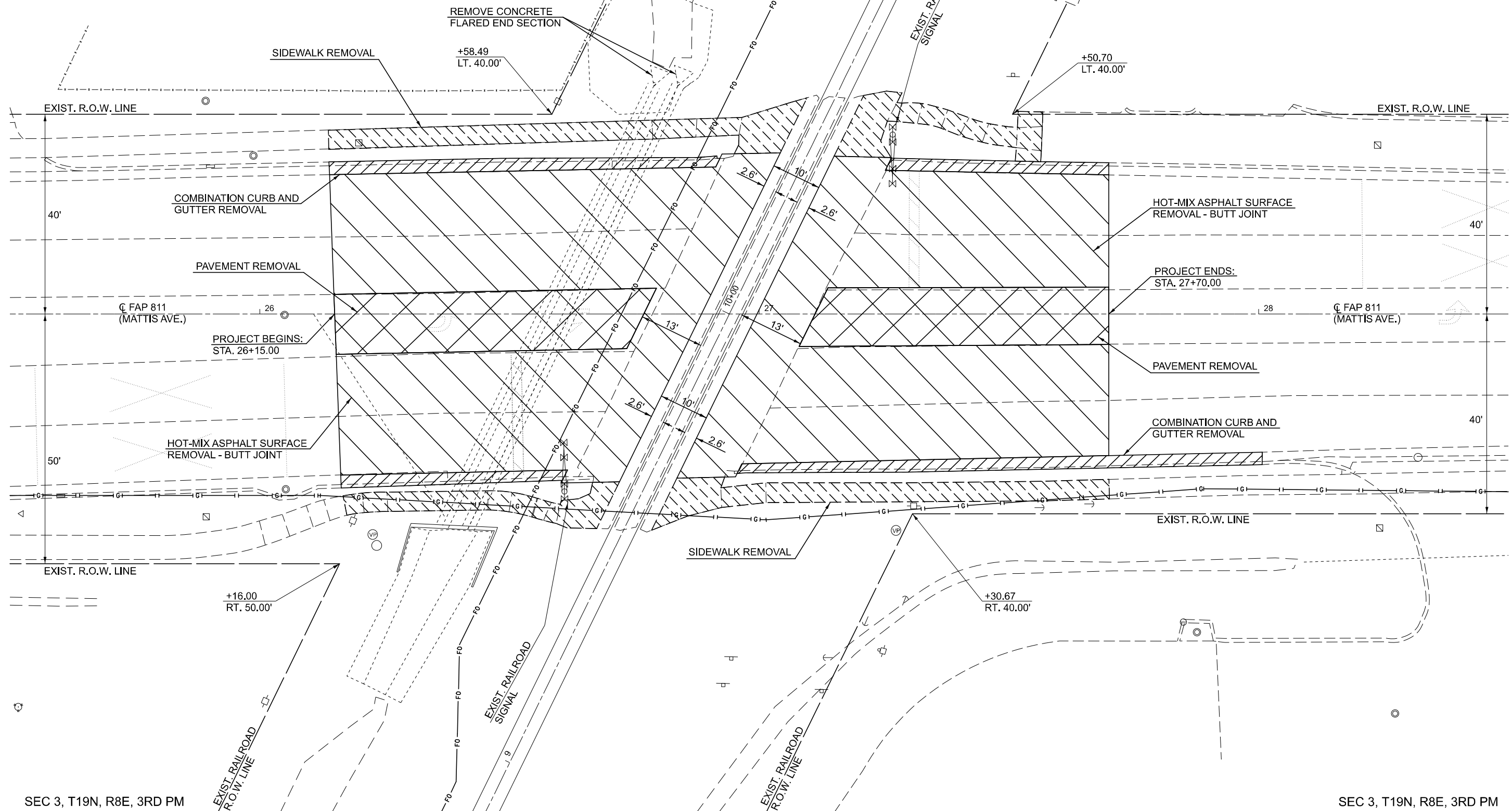
SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 24+00.00 TO STA. 30+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
811	23R-5-P1	CHAMPAIGN	33	12
CONTRACT NO. 70G34				
ILLINOIS FED. AID PROJECT				

SEC 2, T19N, R8E, 3RD PM



NOTE:
SEE DETAILED PLAN SHEETS FOR STATIONS AND
OFFSETS OF PROPOSED IMPROVEMENTS.

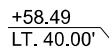


SEC 3, T19N, R8E, 3RD PM

USER NAME = Greg.Eaglin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL PLAN SHEET					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -							811	23R-5-P1	CHAMPAIGN	33	13
	CHECKED -	REVISED -		CONTRACT NO. 70G34									
PLOT DATE = 5/5/2025	DATE -	REVISED -		SCALE: 1"=10'	SHEET 1	OF 1	SHEETS	STA. 25+50.00	TO STA. 28+50.00	ILLINOIS FED. AID PROJECT			

MODEL: MATTIS_AVE - Removal Sheet [Sheet]
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SEC 2, T19N, R8E, 3RD PM



EXIST. R.O.W. LINE

40'

121

PROJECT BEGINS:
STA. 26+15.00

PROJECT ENDS:
STA. 27+70.00

Q FAP 811
(MATTIS AVE.)

EXIST. R.O.W. LINE

+16.00
RT. 50.00'

+30.67
RT. 40.00

SEC 3, T19N, R8E, 3RD PM

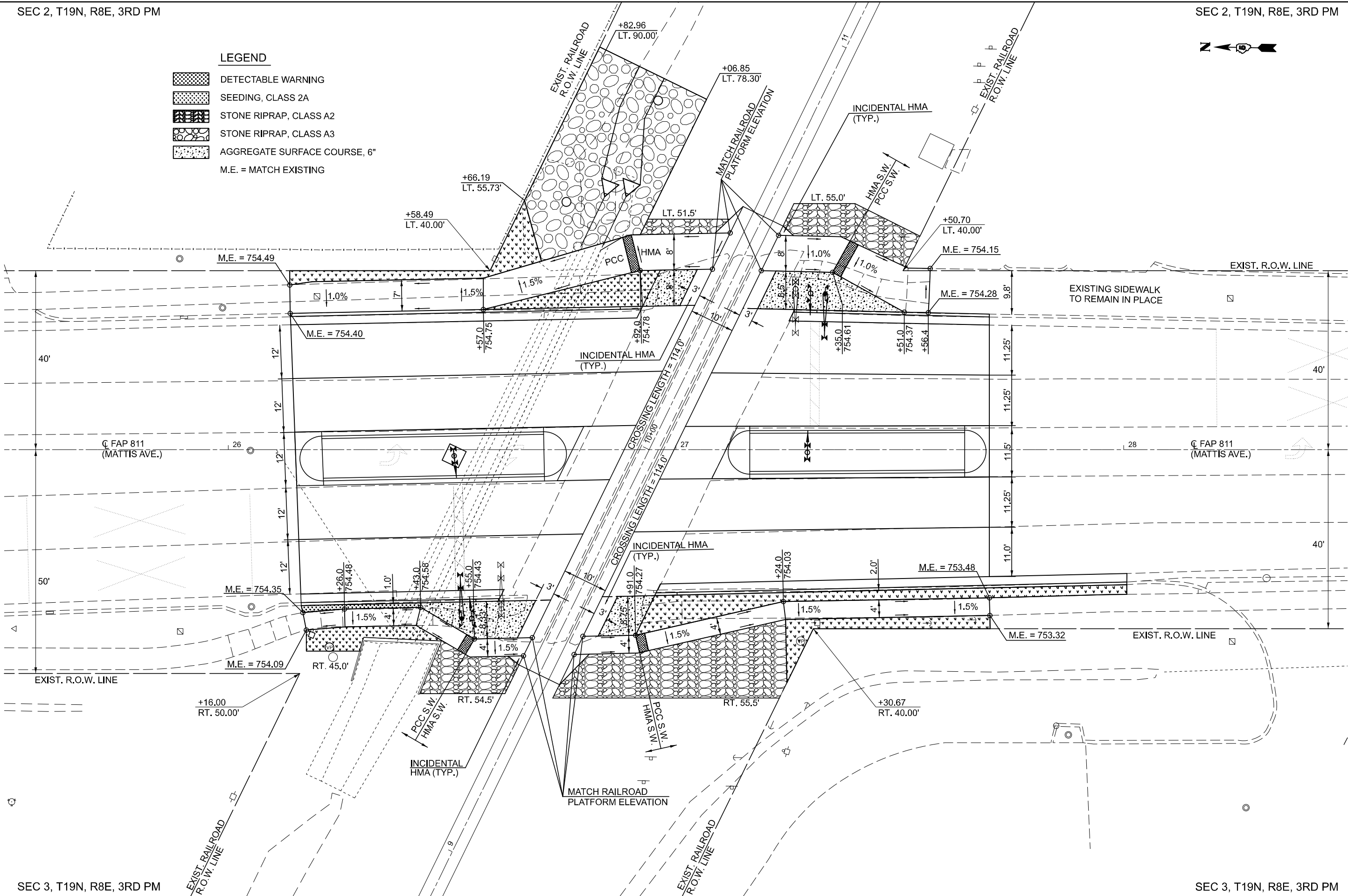
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
811	23R-5-P1	CHAMPAIGN	33	14
		CONTRACT NO. 70G34		
		ILLINOIS	FED. AID PROJECT	

MODEL: MATTIS_AVE - Plan 1 [Sheet]
FILE NAME: c:\pw\work\pwwide\ea\linga\d1000374\ID570G34-Sht-PLAN-10.dgn

LEGEND

- DETECTABLE WARNING
- SEEDING, CLASS 2A
- STONE RIPRAP, CLASS A2
- STONE RIPRAP, CLASS A3
- AGGREGATE SURFACE COURSE, 6"

M.E. = MATCH EXISTING



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILED PLAN SHEET
(SIDEWALK, INCIDENTAL HMA, LANDSCAPING)

SCALE: 1"=10' SHEET 1 OF 1 SHEETS STA. 25+50.00 TO STA. 28+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
811	23R-5-P1	CHAMPAIGN	33	15
CONTRACT NO. 70G34				
ILLINOIS FED. AID PROJECT				

MODEL: MATTIS AVE - Mattis Ave Sidewalk Plan [Sheet]
FILE NAME: c:\p\work\pwt\reglad\1000374D570534-SideWalk-10.dgn

USER NAME = Greg.Eaglin	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/5/2025	DATE -	REVISED -

SEC 2, T19N, R8E, 3RD PM

- +58.49
LT. 40.00'

+50.70
LT. 40.00'

EXIST. R.O.W. LINE

TUBULAR MARKER

STA. 26+00.00

STA. 27+85.00

+16.00
RT. 50.00

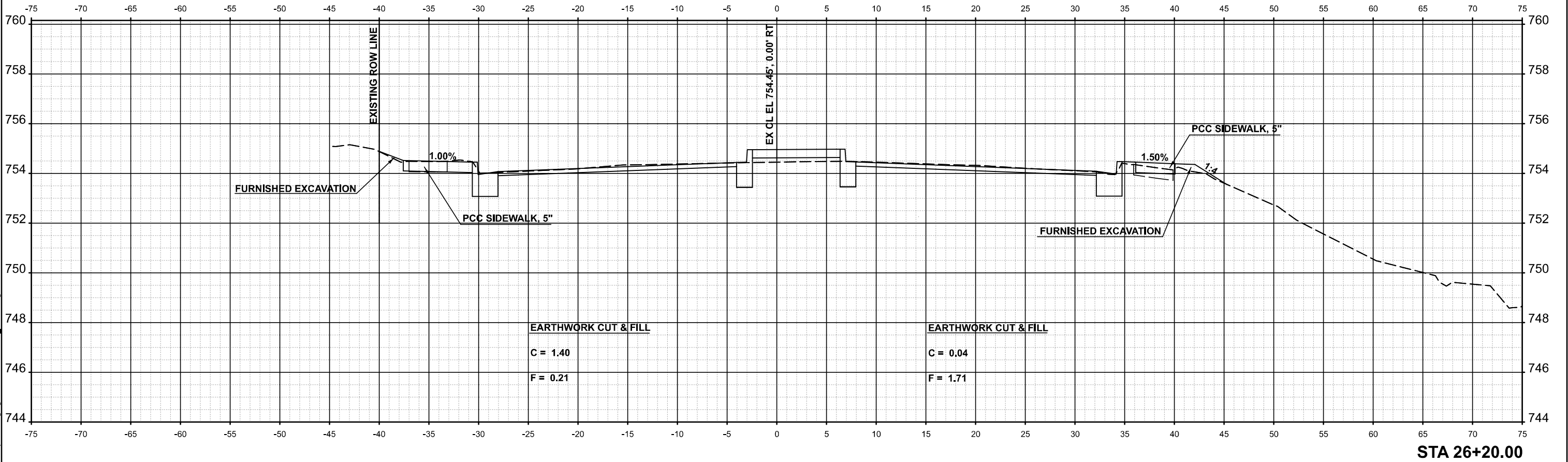
EXIST. R.O.W. LINE

$$\begin{array}{r} +30.67 \\ \hline \text{RT. } 40.00 \end{array}$$

SEC 3, T19N, R8E, 3RD PM

USER NAME = Greg.Eaglin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN SHEET				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						811	23R-5-P1	CHAMPAIGN	33	16
	CHECKED -	REVISED -						CONTRACT NO. 70G34				
PLOT DATE = 5/5/2025	DATE -	REVISED -		SCALE: 1"=10'	SHEET 1	OF 1	SHEETS	STA. 25+50.00	TO STA. 28+50.00		ILLINOIS FED. AID PROJECT	

MODEL: MATTIS AVE - 26+20.00 (Sheet)
FILE NAME: c:\p\work\p\keaglin\ad1000374d570G34_XS Final.dgn



STA 26+20.00

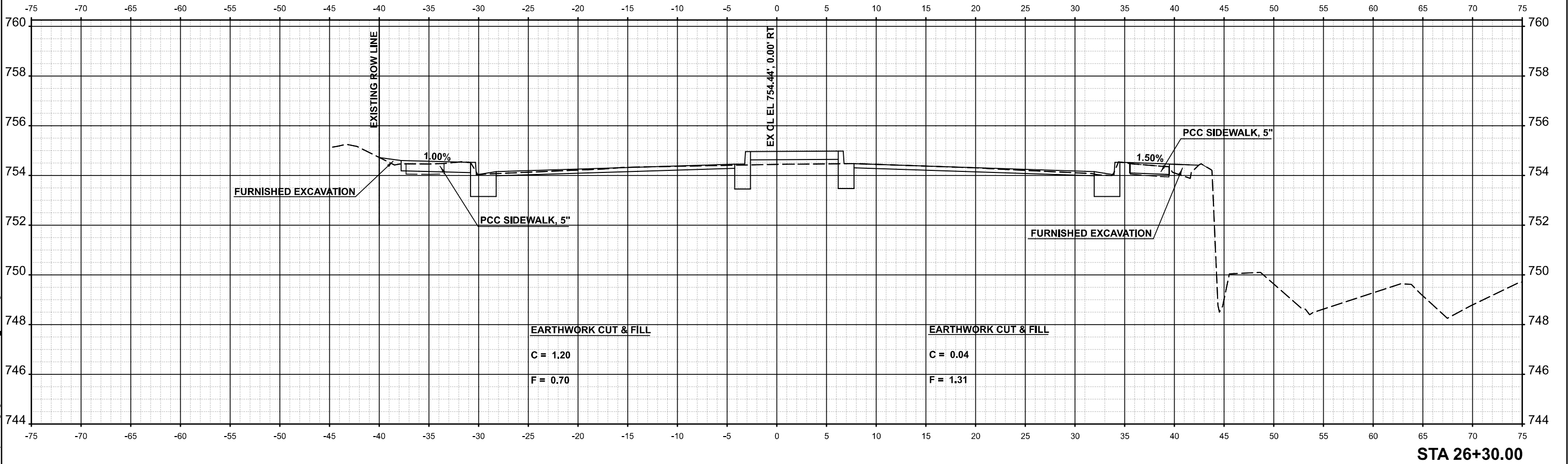
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		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 4/22/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTION			
SCALE: 1"=5'	SHEET 1	OF 13 SHEETS	STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
811	23R-5-P1	CHAMPAIGN	33	17
CONTRACT NO. 70G34				
		ILLINOIS	FED. AID PROJECT	

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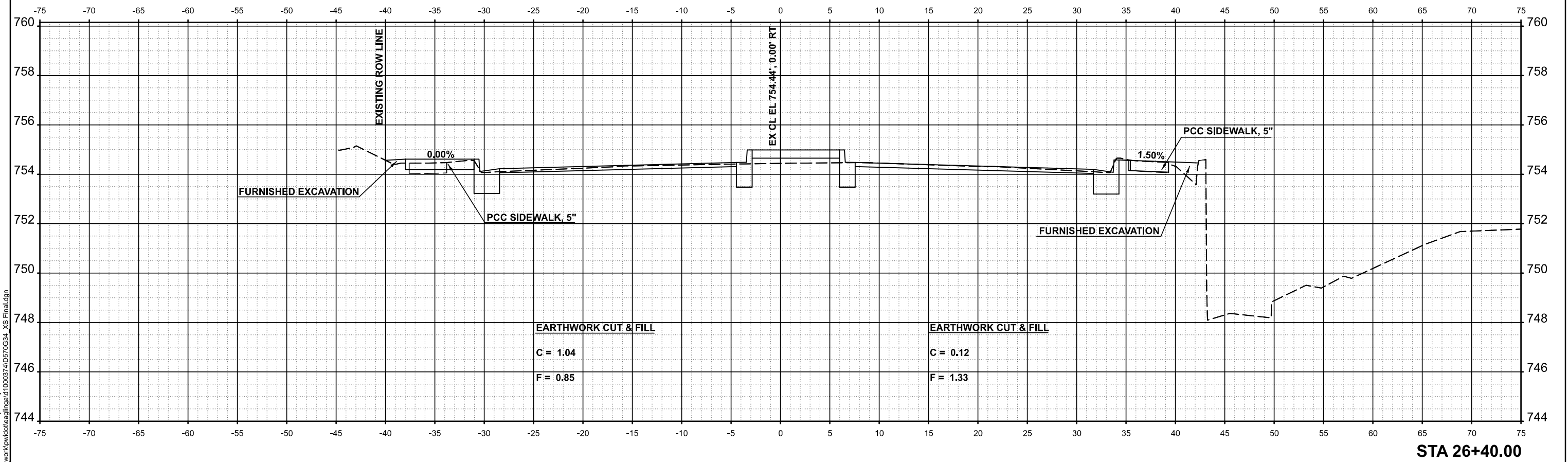
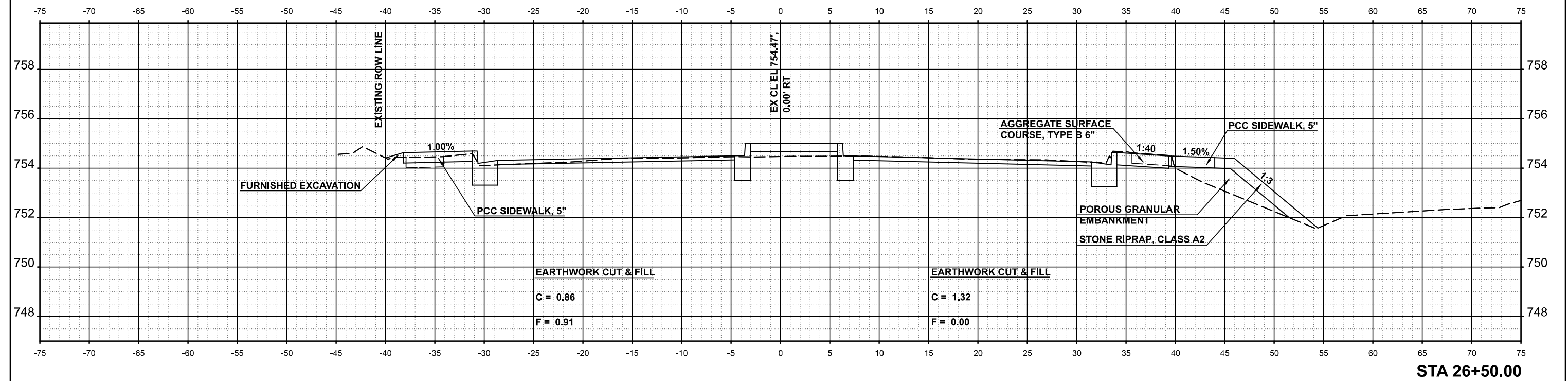
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		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 4/22/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTION			
SCALE: 1"=5'	SHEET 2	OF 13 SHEETS	STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
811	23R-5-P1	CHAMPAIGN	33	18
CONTRACT NO. 70G34				
ILLINOIS FED. AID PROJECT				

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USER NAME	= Greg.Eaglin	DESIGNED	-	REVISED	-
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PLOT DATE	= 4/22/2025	DATE	-	REVISED	-

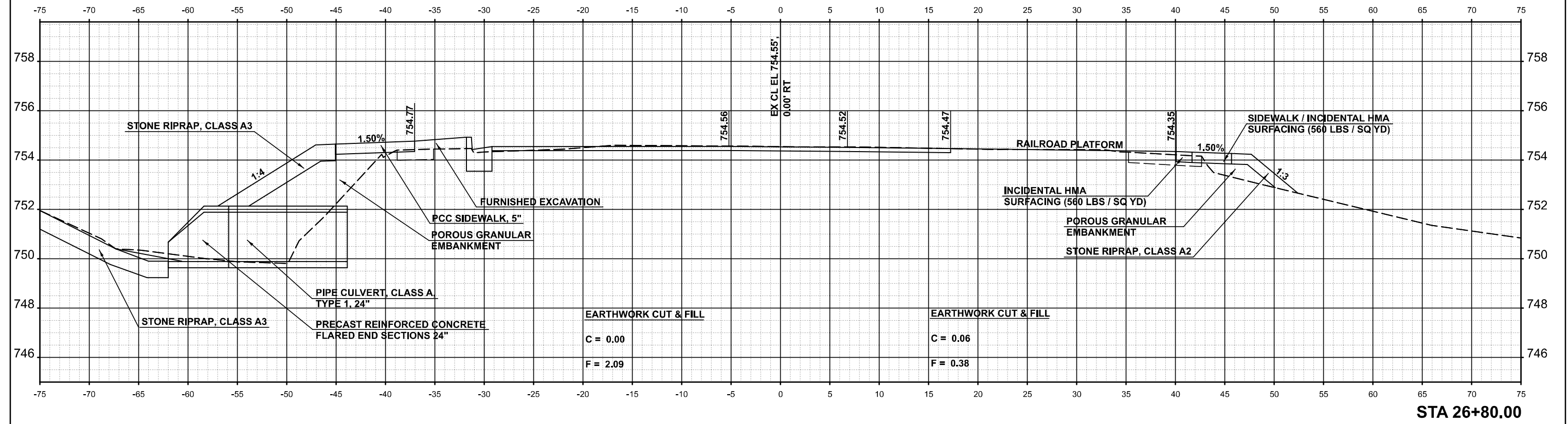
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTION

SCALE: 1"=5' SHEET 3 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
811	23R-5-P1	CHAMPAIGN	33	19
CONTRACT NO. 70G34				
ILLINOIS FED. AID PROJECT				

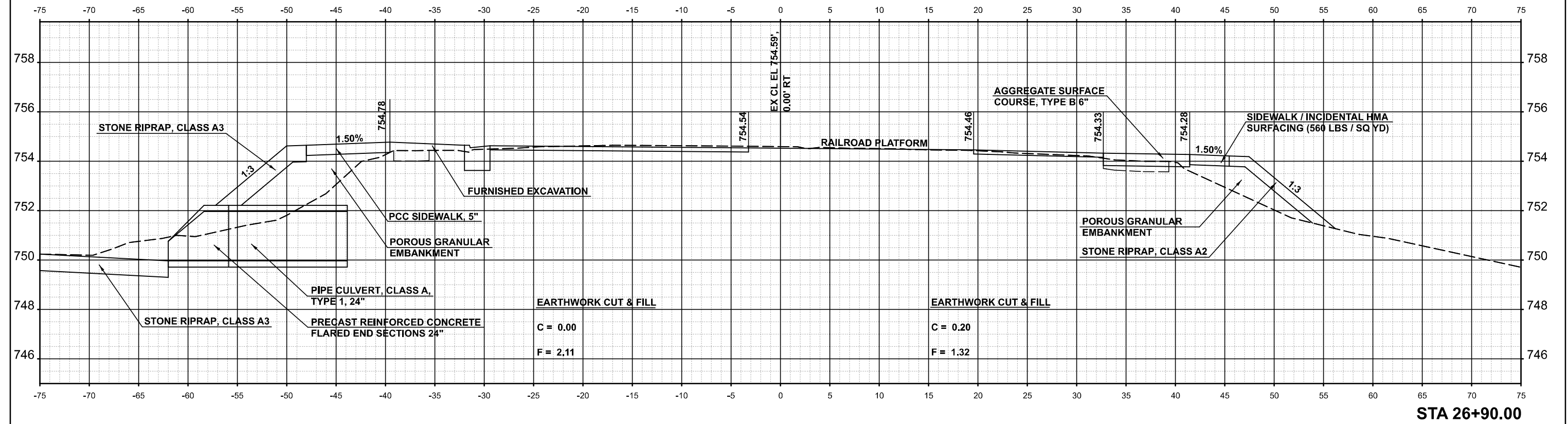
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STA 26+80.00

	USER NAME = Greg.Eaglin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					811	23R-5-P1	CHAMPAIGN	33	22
		CHECKED -	REVISED -					CONTRACT NO. 70G34				
	PLOT DATE = 4/22/2025	DATE -	REVISED -		SCALE: 1"=5'	SHEET 6	OF 13 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: MATTIS_AVE - 26+88.54 (Sheet)
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USER NAME = Greg.Eaglin	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -

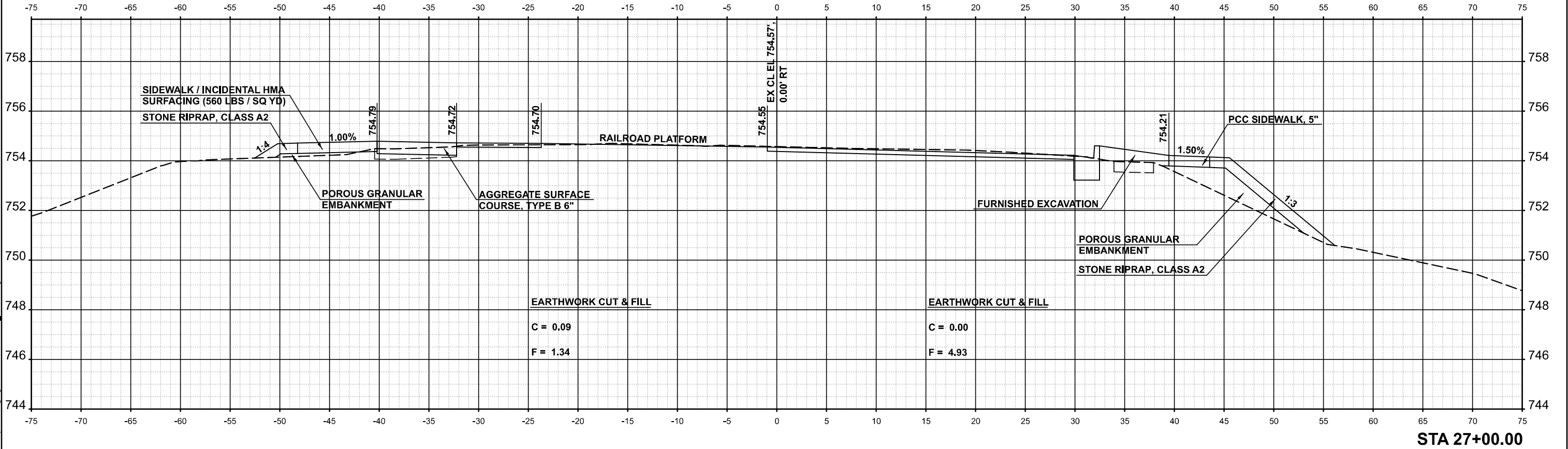
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTION

SCALE: 1"=5' SHEET 7 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
811	23R-5-P1	CHAMPAIGN	33	23
CONTRACT NO. 70G34				
ILLINOIS FED. AID PROJECT				

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -

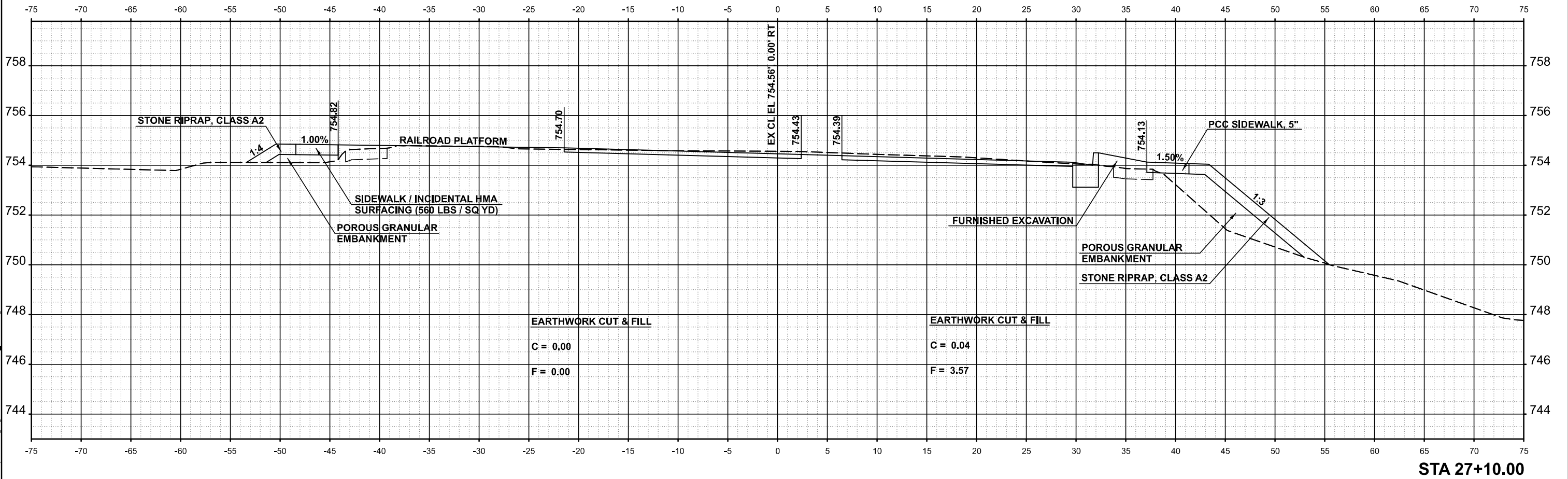
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTION

SCALE: 1"=5' SHEET 8 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
811	23R-5-P1	CHAMPAIGN	33	24
CONTRACT NO. 70G34				
		ILLINOIS	FED. AID PROJECT	

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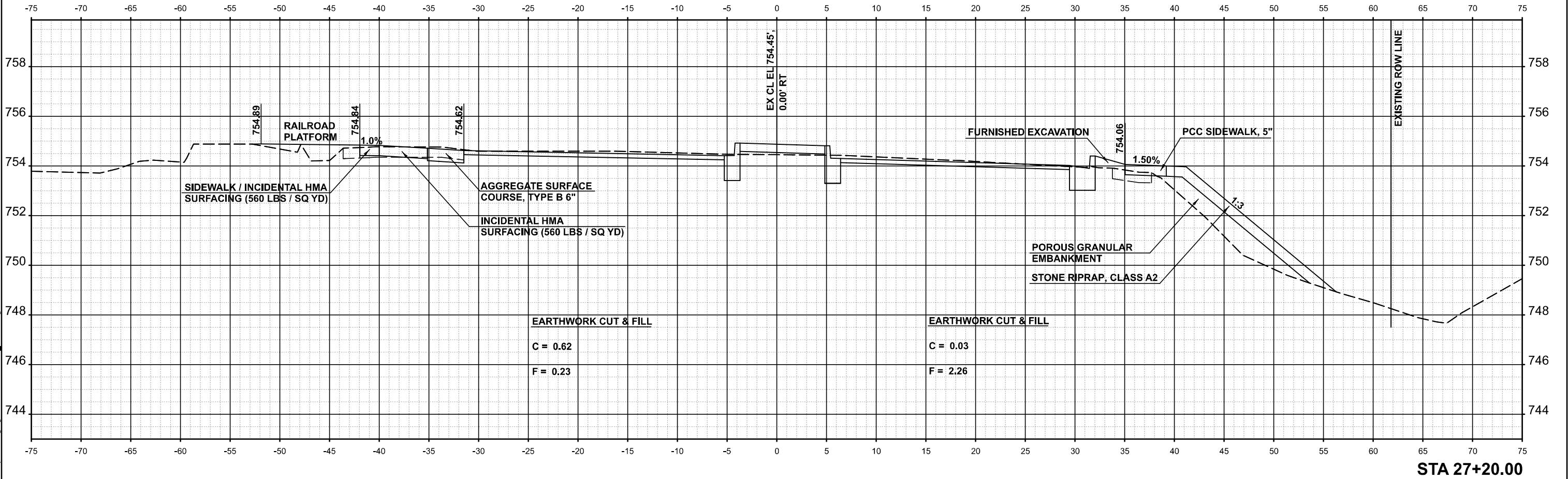
USER NAME	= Greg.Eaglin	DESIGNED	-	REVISED	-
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		CHECKED	-	REVISED	-
PLOT DATE	= 4/22/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTION			
SCALE: 1"=5'	SHEET 9	OF 13 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
811	23R-5-P1	CHAMPAIGN	33	25
CONTRACT NO. 70G34				
ILLINOIS FED. AID PROJECT				

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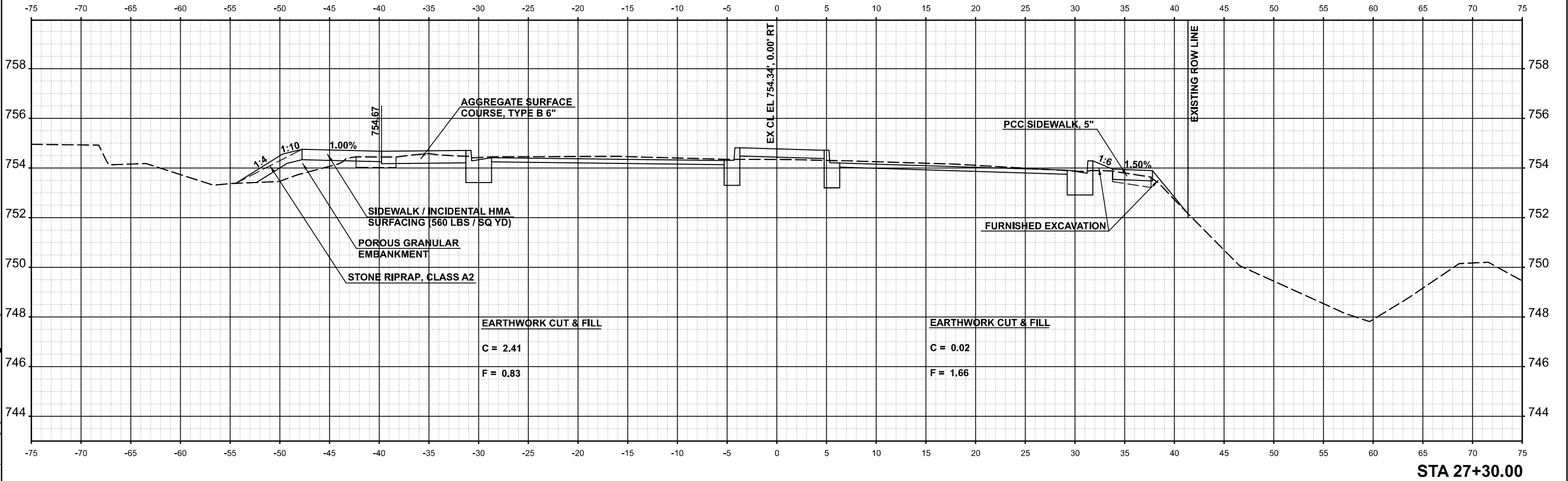
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 4/22/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTION			
SCALE: 1"=5'	SHEET 10	OF 13 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
811	23R-5-P1	CHAMPAIGN	33	26
CONTRACT NO. 70G34				
ILLINOIS FED. AID PROJECT				

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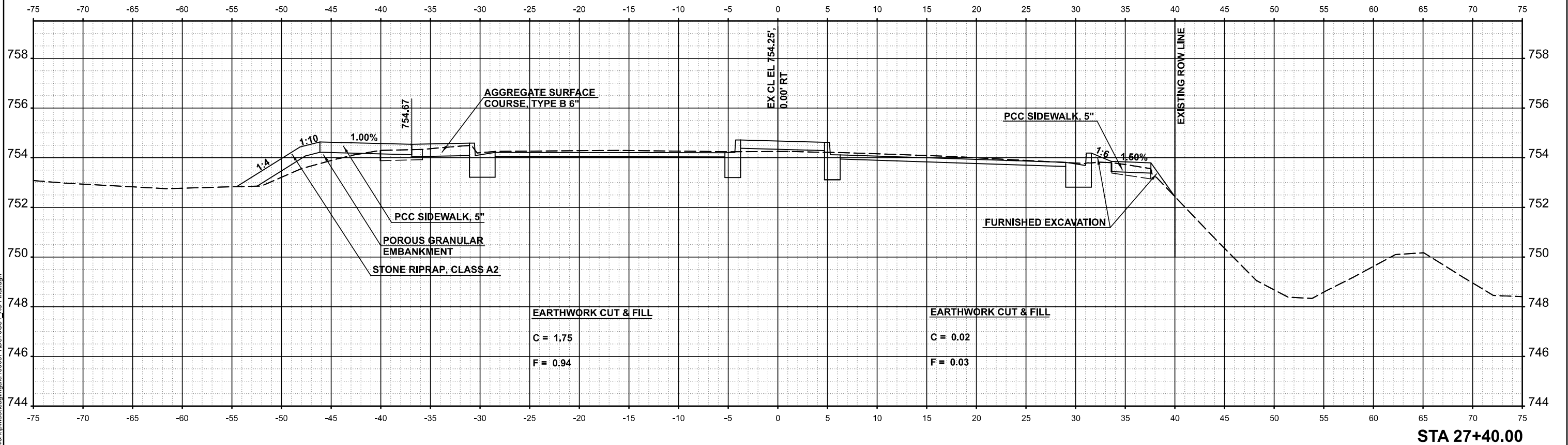
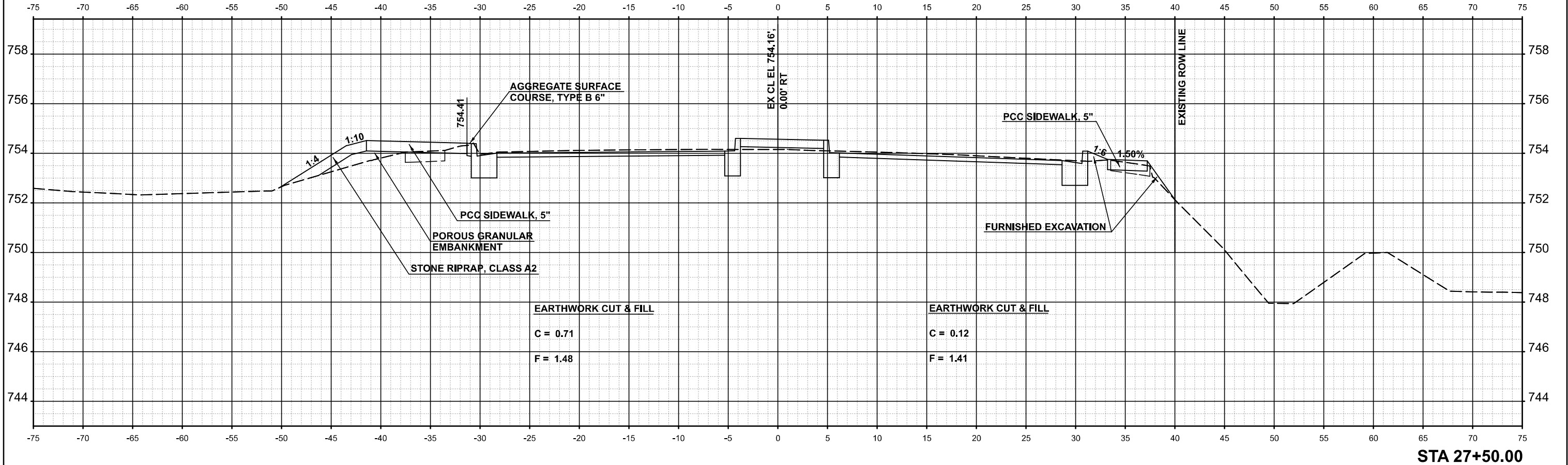


USER NAME = Greg.Eaglin	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 4/22/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTION			
SCALE: 1"=5'	SHEET 11	OF 13 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
811	23R-5-P1	CHAMPAIGN	33	27
CONTRACT NO. 70G34				
ILLINOIS FED. AID PROJECT				



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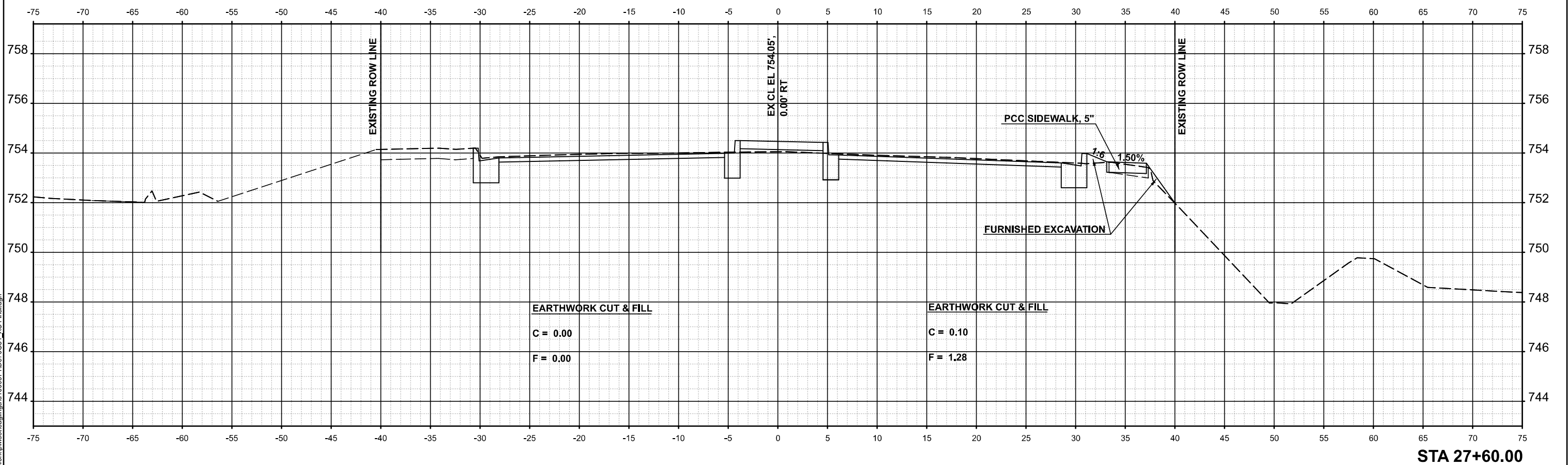
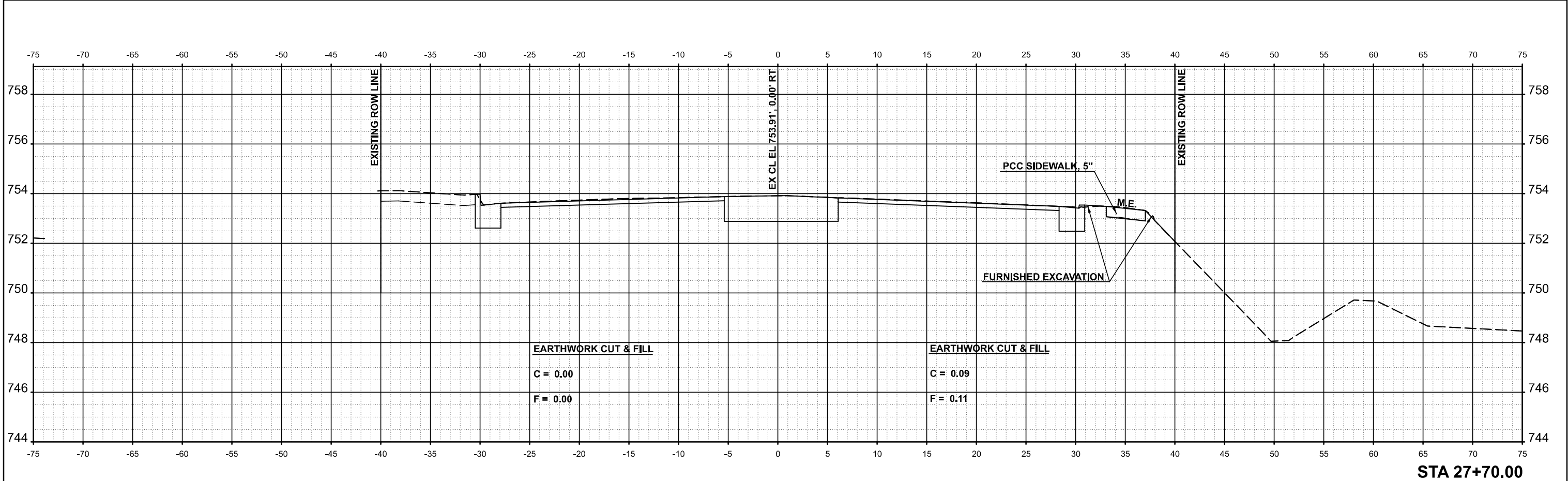
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		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 4/22/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTION

SCALE: 1"=5' SHEET 12 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
811	23R-5-P1	CHAMPAIGN	33	28
CONTRACT NO. 70G34				
ILLINOIS FED. AID PROJECT				



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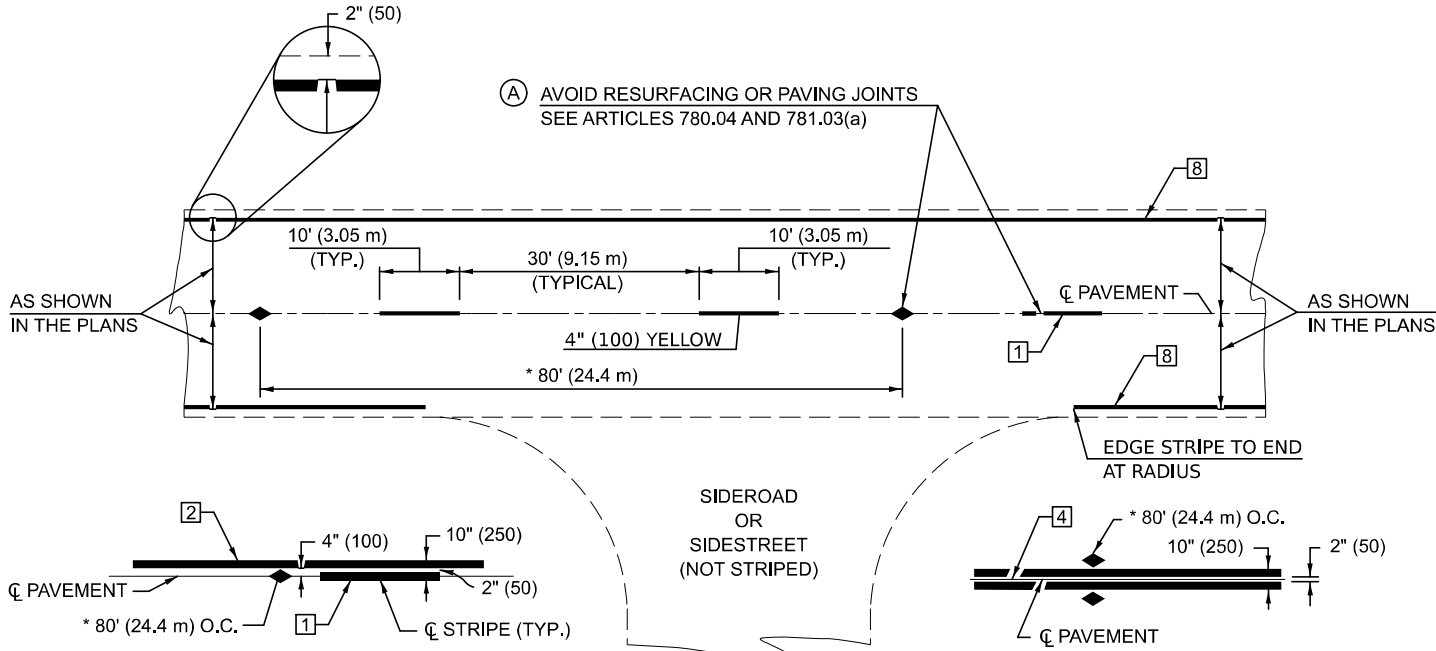
USER NAME = Greg.Eaglin	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 4/22/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTION

SCALE: 1"=5' SHEET 13 OF 13 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
811	23R-5-P1	CHAMPAIGN	33	29
CONTRACT NO. 70G34				
ILLINOIS FED. AID PROJECT				



SINGLE NO PASSING

DOUBLE NO PASSING

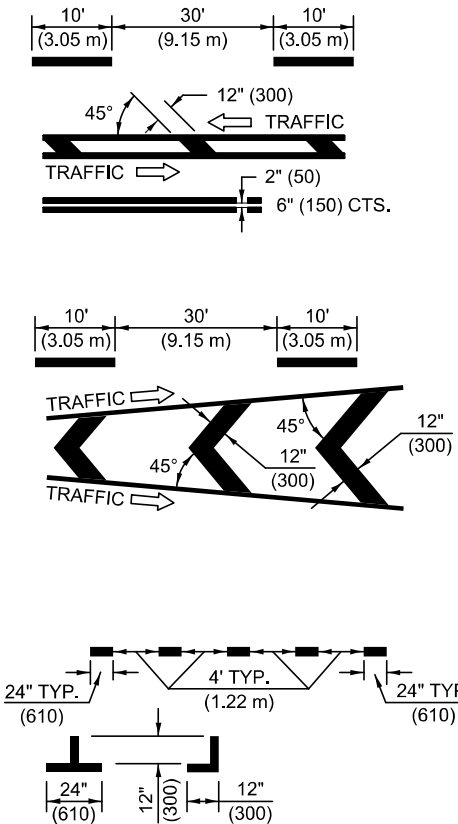
* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

TWO LANE/TWO WAY

TYPICAL PAVEMENT MARKING LENGEND

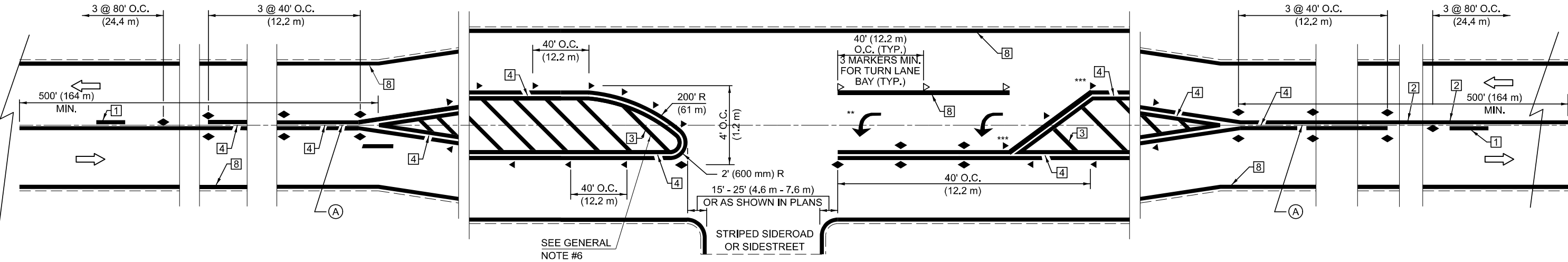
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LENGEND



- ◆ TWO-WAY AMBER MARKER
- ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

RURAL LEFT TURN



*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

** TURN ARROWS SHALL BE PLACED AS SHOWN OF SHEET #2.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
811	23R-5-P1	CHAMPAIGN	33	30
CONTRACT NO. 70G34				

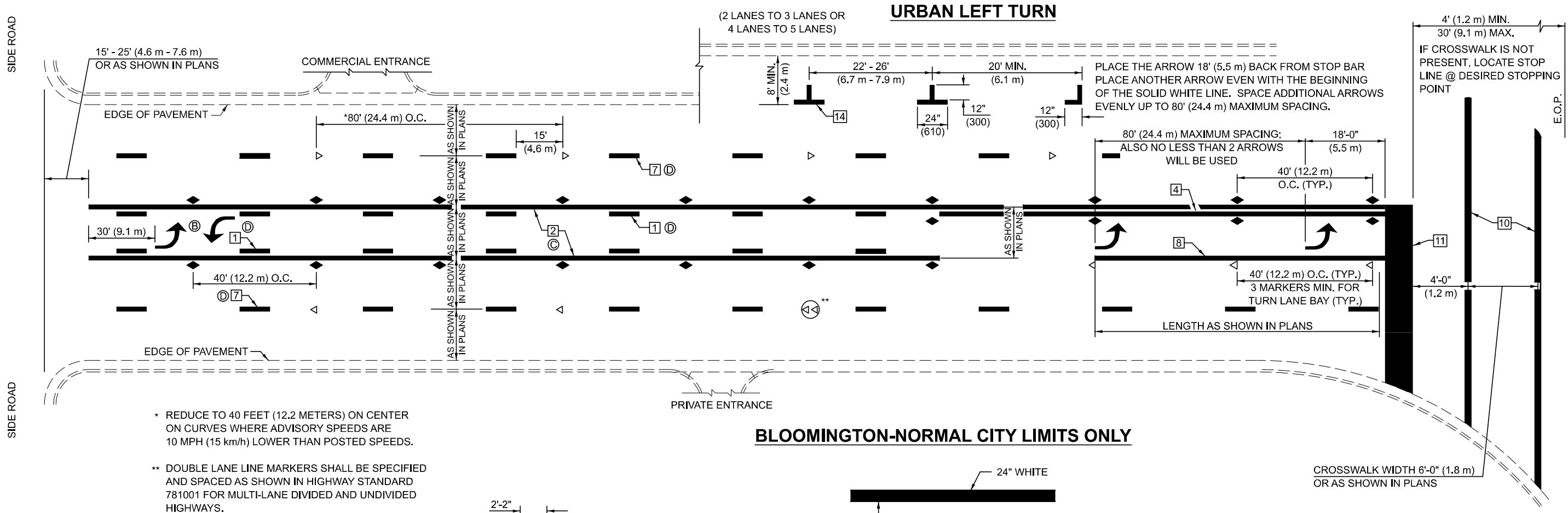
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	DRAWN -	REVISED - 3/2019 SWN
PLOT SCALE = 0.16666633" / in.	CHECKED -	REVISED - 8/2022 JLA
PLOT DATE = 3/5/2025	DATE -	REVISED - 9/2022 JWS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

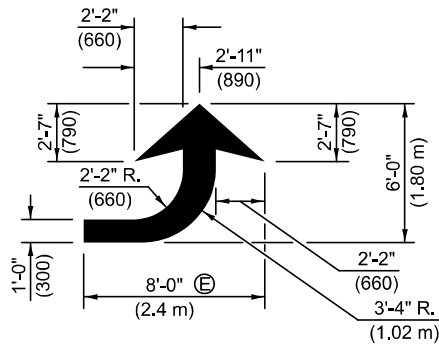
SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

MODEL: 7800AAAA-Sheet 2
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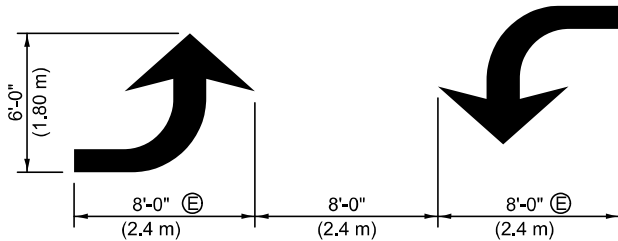
GENERAL NOTES:

- Ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
- Ⓒ THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- Ⓓ THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
- Ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)

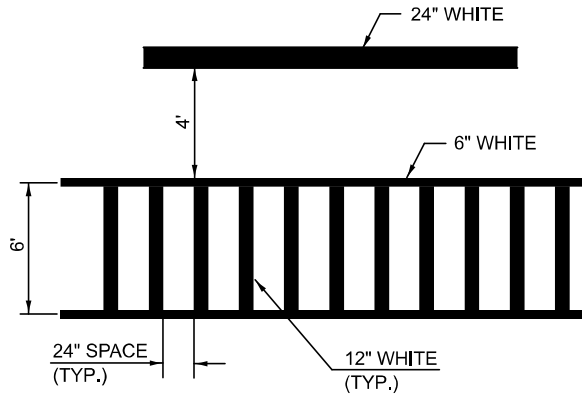


LEFT ARROW

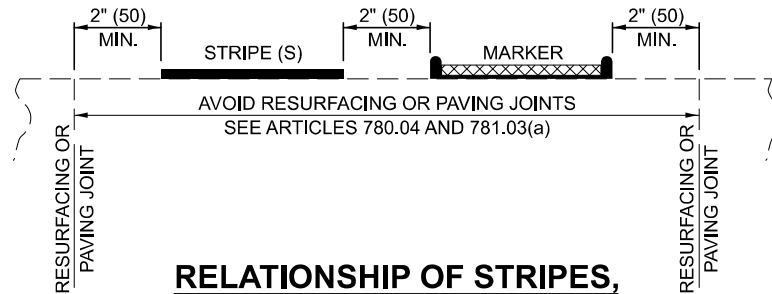
REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m)
(WHITE)



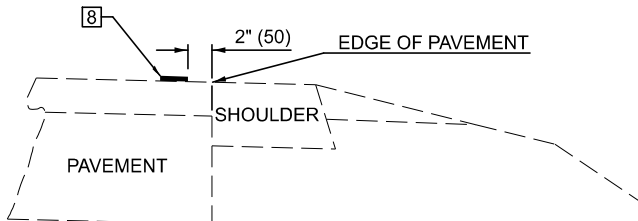
**TYPICAL DOUBLE
TURN ARROWS (WHITE)**



**TYPICAL SPACING FOR
CROSSWALKS & STOP BARS**



**RELATIONSHIP OF STRIPES,
MARKERS AND JOINTS**



RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT

(SAFETY SHOULDER OR PAVED SURFACE)
SEE ARTICLE 780.04

Note: All dimensions are in INCHES
(millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

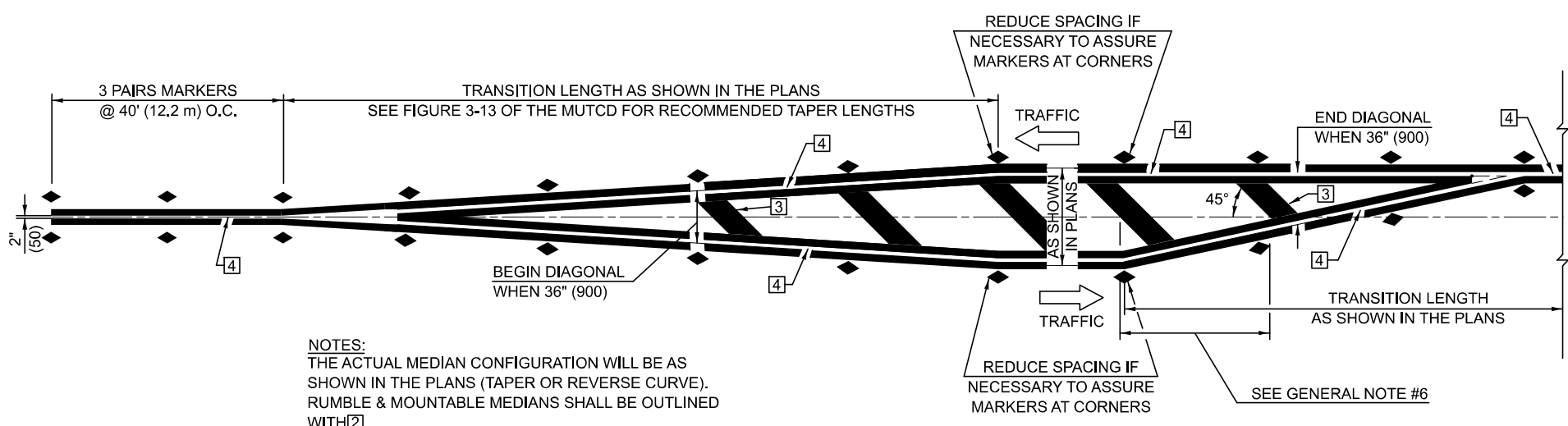
USER NAME = Greg.Eaglin	DESIGNED -	REVISED - 4/2014 JLA
	DRAWN -	REVISED - 3/2019 SWN
PLOT SCALE = 0.16666633" / in.	CHECKED -	REVISED - 8/2022 JLA
PLOT DATE = 3/5/2025	DATE -	REVISED - 9/2022 JWS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

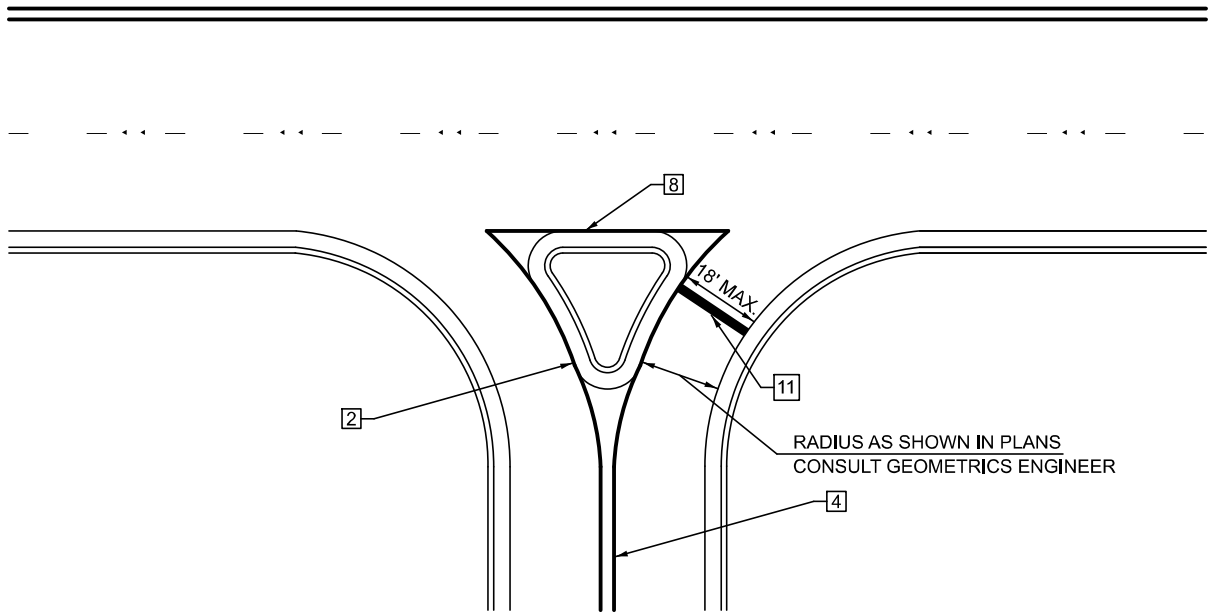
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
811	23R-5-P1	CHAMPAIGN	33	31
CONTRACT NO. 70G34				
ILLINOIS FED. AID PROJECT				



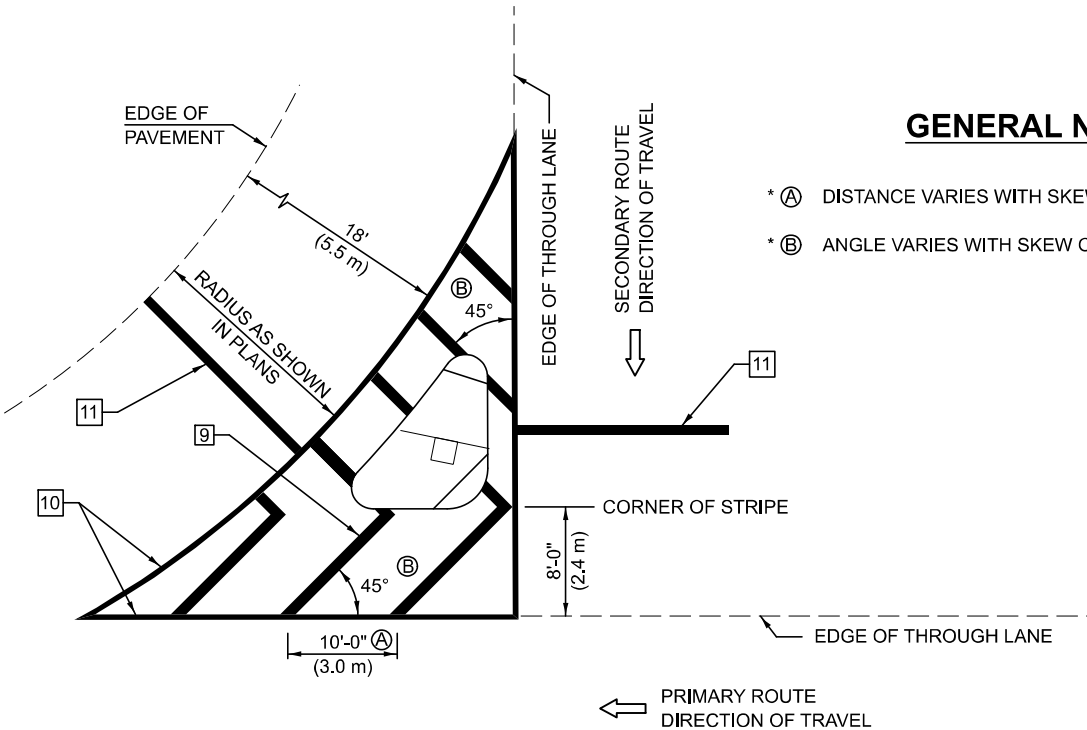
NOTES:
THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

- GENERAL NOTES**
- 1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
 - 2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
 - 3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
 - 4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
 - 5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
 - 6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,
<30 MPH USE 15' (<50 km/h USE 4.5 m)
30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
>45 MPH USE 30' (>75 km/h USE 9.0 m)

TYPICAL MEDIAN TRANSITIONS



RIGHT IN - RIGHT OUT ACCESS



- GENERAL NOTES**
- * A DISTANCE VARIES WITH SKEW OF INTERSECTION.
 - * B ANGLE VARIES WITH SKEW OF INTERSECTION.

* FOR RIGHT TURN LANE AND ISLAND STRIPING CONSULT GEOMETRICS ENGINEER.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

USER NAME	= Greg.Eaglin	DESIGNED	-	REVISED	-	4/2014 JLA
DRAWN	-	REVIS	-	3/2019 SWN		
PLOT SCALE	= 0.16666633" / in.	CHECKED	-	REVISED	-	8/2022 JLA
PLOT DATE	= 3/5/2025	DATE	-	REVISED	-	9/2022 JWS

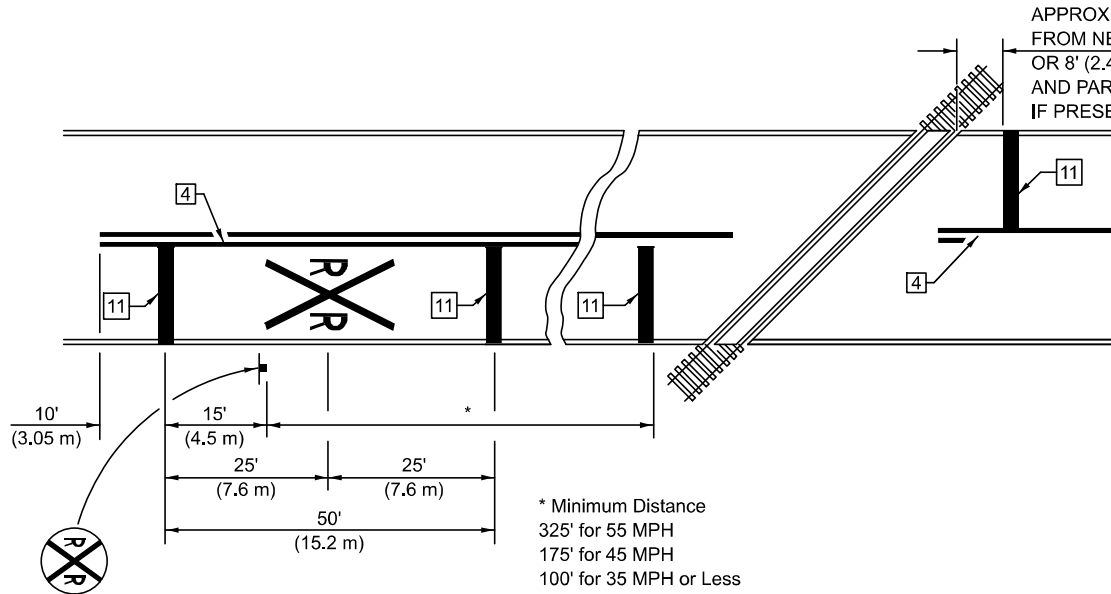
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

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

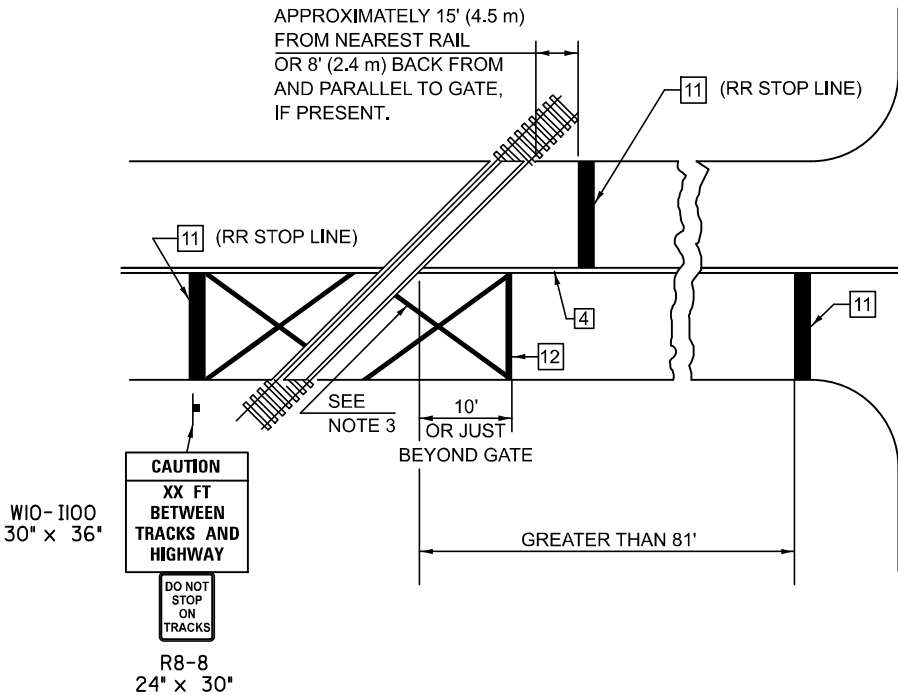
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
811	23R-5-P1	CHAMPAIGN	33	32
CONTRACT NO. 70G34				
ILLINOIS FED. AID PROJECT				

MODEL: 7800AAAA_Sheet 3
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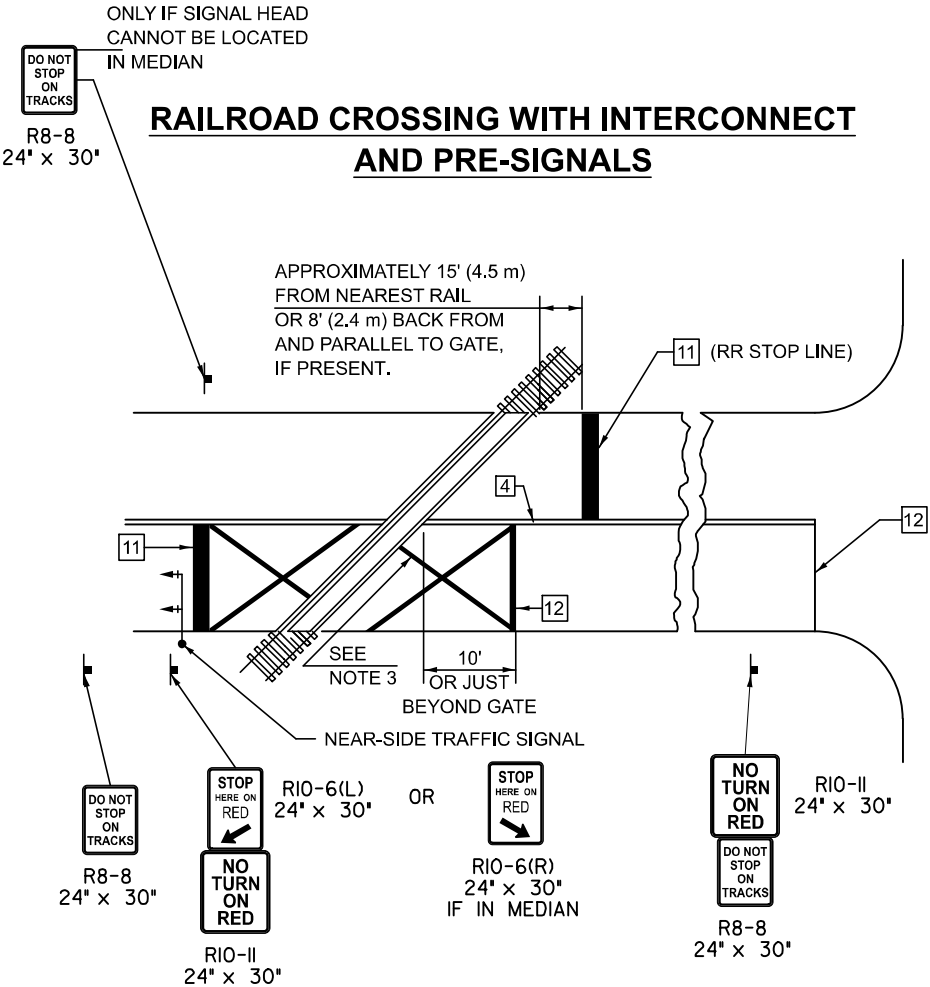


PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS

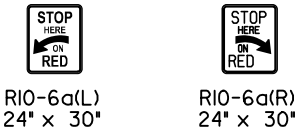


GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- 6" WHITE PAVEMENT MARKINGS AT 45° TO PAVEMENT, 8' CENTER TO CENTER.
- XX DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICH EVER IS CLOSEST, ROUNDED DOWN TO NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
- THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTENDED TO THE INTERSECTION.

SUPPLEMENT PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

ALTERNATE SIGNS



NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

USER NAME = Greg.Eaglin	DESIGNED -	REVISED - 4/2014 JLA
	DRAWN -	REVISED - 3/2019 SWN
PLOT SCALE = 0.16666633" / in.	CHECKED -	REVISED - 8/2022 JLA
PLOT DATE = 3/5/2025	DATE -	REVISED - 9/2022 JWS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
811	23R-5-P1	CHAMPAIGN	33	33
CONTRACT NO. 70G34				
ILLINOIS FED. AID PROJECT				