

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 19	40PT	DOUGLAS	25	1
		ILLINOIS	CONTRACT NO. 70875	

FOR INDEX OF SHEETS, SEE SHEET NO. 2
 FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4-5

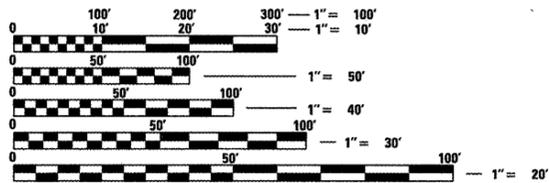
TRAFFIC DATA (2010):	
ADT =	450
PU & PC% =	79.9 (359)
SL% =	9.3 (42)
ML% =	10.8 (49)

C.H. 19 (FICKLIN ROAD)
SECTION 40PT
DOUGLAS COUNTY

C-95-052-10
RESURFACING (3P) & MEDIAN REMOVAL
FROM CSX RR TO US 36



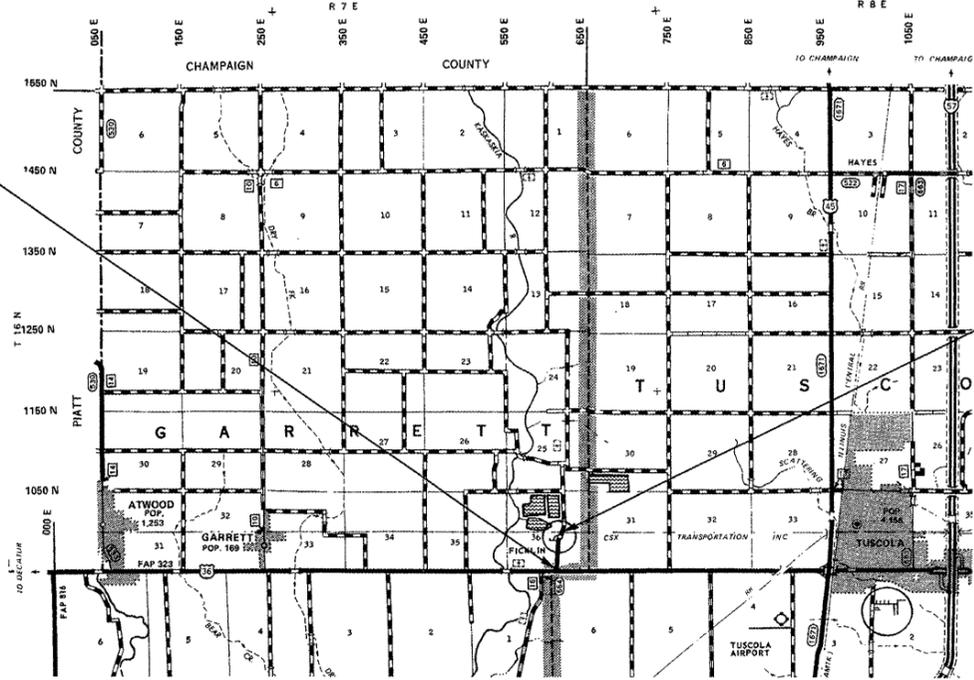
DESIGN DESIGNATION:
RURAL MINOR COLLECTOR



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

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

SECTION 40PT
 BEGIN STATION 0+32.00



SECTION 40PT
 END STATION 26+36.00

PROJECT ENGINEER: KEVIN TRAPP (217-465-4181)
 PROJECT DESIGNER: DANA HENNESS

CONTRACT NO. 70875

GROSS LENGTH = 2,604.00 FT. = 0.493 MILE
 NET LENGTH = 2,604.00 FT. = 0.493 MILE

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED 1/25 20 11
Quayle Crowe
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 25 20 11
Scott E. Stitt P.E. Jr.
 ENGINEER OF DESIGN AND ENVIRONMENT

March 25 20 11
Christine M. Reed Jr.
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS / LIST OF HIGHWAY STANDARDS
3	GENERAL NOTES
4-5	SUMMARY OF QUANTITIES
6-10	EXISTING & PROPOSED TYPICAL SECTIONS
11	CENTERLINE RECOVERY TIE POINTS
12-13	SCHEDULES OF QUANTITIES
14-16	PLAN SHEETS
17-18	PAVEMENT MARKING DETAIL SHEETS
19	DETAIL OF HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
20-21	DETAIL OF PRIVATE AND COMMERCIAL ENTRANCES (NON-COMMERCIAL AND COMMERCIAL RURAL)
22-25	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
442201-03	CLASS C AND D PATCHES
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS

FILE NAME = c:\pwwork\pwwork\hennessdm\d0242491\0570875-sh1-genote.dgn	USER NAME = hennessdm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS / LIST OF HIGHWAY STANDARDS	F.A. RTE. CH 19	SECTION 40PT	COUNTY DOUGLAS	TOTAL SHEETS 25	SHEET NO. 2
PLOT SCALE = 40,0000 / IN.	CHECKED -	REVISED -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT CONTRACT NO. 70875				
PLOT DATE = 1/25/2011	DATE -	REVISED -	REVISED -							

GENERAL NOTES

G.N.-100

ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-107.12

THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:

MR. BEN CROSSMAN
ROADMASTER
CSX TRANSPORTATION
564 CSX LANE
DANVILLE, IL 61834
(217) 442-0126

SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE RAILROAD CONTACT PERSON FOR FLAGGERS IS:

MR. DAVE FETTE
1717 DIXIE HWY
SUITE 400
FORT WRIGHT, KY 41011
(859) 344-8137

G.N.-406

THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

G.N.-406.05B

ALL LEVELING BINDER OR BINDER SHALL BE GIVEN A FOG COAT OF PRIME BEFORE THE SURFACE COURSE IS PLACED WHEN DIRECTED BY THE ENGINEER.

THE FOG COAT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER GALLON FOR BITUMINOUS MATERIAL (PRIME COAT) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-406H

MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION	CH 19 (FICKLIN ROAD)	CH 19 (FICKLIN ROAD)	CH 19 (FICKLIN ROAD)
MIXTURE USE	SURFACE AND INCIDENTAL	LEVELING BINDER	CLASS D PATCHES
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	15	25	25
DESIGN AIR VOIDS	4.0% @ Ndes = 50	4.0% @ Ndes = 50	4.0% @ Ndes = 50
MIX COMP (GRADATION)	IL 9.5	IL 9.5FG	IL 19.0
FRICTION AGGREGATE	MIX C	MIX C	N.A.

G.N.-440 (SPECIAL)

SPECIAL ATTENTION IS DIRECTED TO THE LAST SENTENCE OF ARTICLE 440.04 WHICH STATES: "MILLED PAVEMENT SHALL BE RESURFACED WITHIN TEN CALENDAR DAYS." THE CONTRACTOR SHALL SCHEDULE ACTIVITIES TO ACCOMPLISH THIS REQUIRED SPECIFICATION.

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.-442B (SPECIAL) – PATCHING SCHEDULES

THE PATCHING QUANTITIES REPRESENT AN ESTIMATE OF CLASS D PATCHING BASED ON 2.0% OF THE TOTAL SQUARE YARDAGE OF THE PROJECT (EXCLUDING THE CLASS D PATCH AREA ADJACENT TO THE CSX RAILROAD CROSSING). PATCH TYPE, SIZE AND LOCATION SHALL BE DETERMINED BY THE ENGINEER.

G.N.-667

THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (PC'S, PT'S AND PI'S). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR LAYOUT OF THESE MARKERS.

G.N.-703A

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

G.N.-1004.01

COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

THERE ARE NO COMMITMENTS ON THIS PROJECT.

FILE NAME *	USER NAME = hennessdm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\pwr\d01\hennessdm\d0242491\0508075-sh-t-genno te.dgn	DRAWN -	REVISED -	CH 19			40PT	DOUGLAS	25	3	
PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 70875							
PLOT DATE = 1/25/2011	DATE -	REVISED -	SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

LOCATION OF WORK:

CH 19 (FICKLIN ROAD)
DOUGLAS COUNTY
STA. 0+32.00
TO STA. 26+36.00
RURAL 2-LANE
100% STATE
0005

CONSTRUCTION TYPE CODE:

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	88.0
31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	249.0
35300400	PORTLAND CEMENT CONCRETE BASE COURSE 9"	SQ YD	249.0
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	823.0
40600300	AGGREGATE (PRIME COAT)	TON	9.0
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	379.0
40600990	TEMPORARY RAMP	SQ YD	925.0
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	706.0
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	103.0
40800030	AGGREGATE (PRIME COAT)	TON	1.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	90.0
44003100	MEDIAN REMOVAL	SQ FT	2,238.0
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	93.0
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	30.0
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	61.0
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	29.0
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	91.0
67100100	MOBILIZATION	L SUM	1.0
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.0
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	2.0
70300100	SHORT TERM PAVEMENT MARKING	FOOT	861.0
* 70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	62.0

FILE NAME *	USER NAME * hennessdm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 1/25/2011	DATE -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES (CONT'D)

LOCATION OF WORK:

CH 19 (FICKLIN ROAD)
DOUGLAS COUNTY
STA. 0+32.00
TO STA. 26+36.00
RURAL 2-LANE
100% STATE
0005

CONSTRUCTION TYPE CODE:

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
* 70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	5,634.0
* 70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	215.0
* 70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	36.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	120.0
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	62.0
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,346.0
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	215.0
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	36.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	4,289.0
X4060627	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50	TON	433.0
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	210.0
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	1,853.0
XX008432	GRADING AND SHAPING SHOULDERS	FOOT	3,098.0
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0

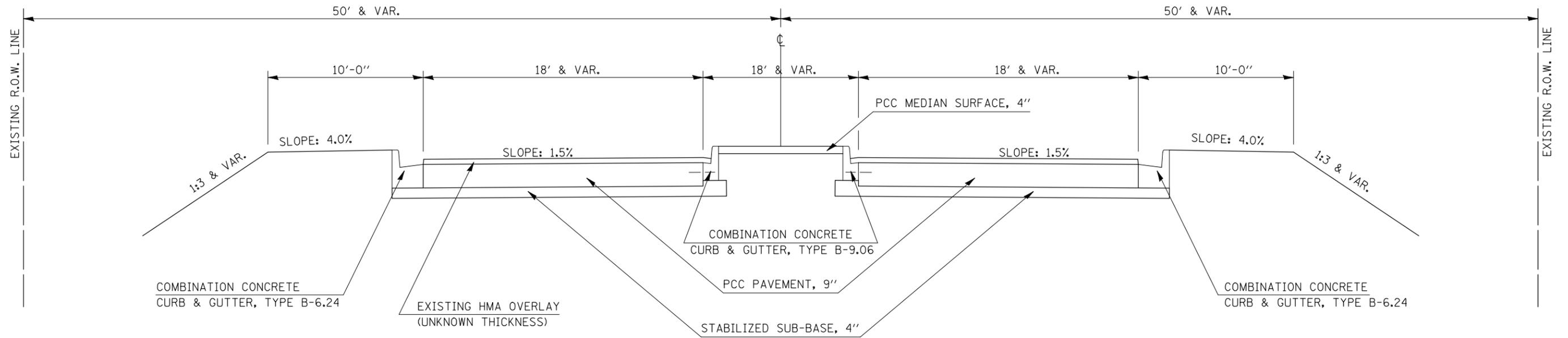
* SPECIALTY ITEMS

FILE NAME =	USER NAME = hennessdm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 1/25/2011	DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

EXISTING TYPICAL SECTION

1

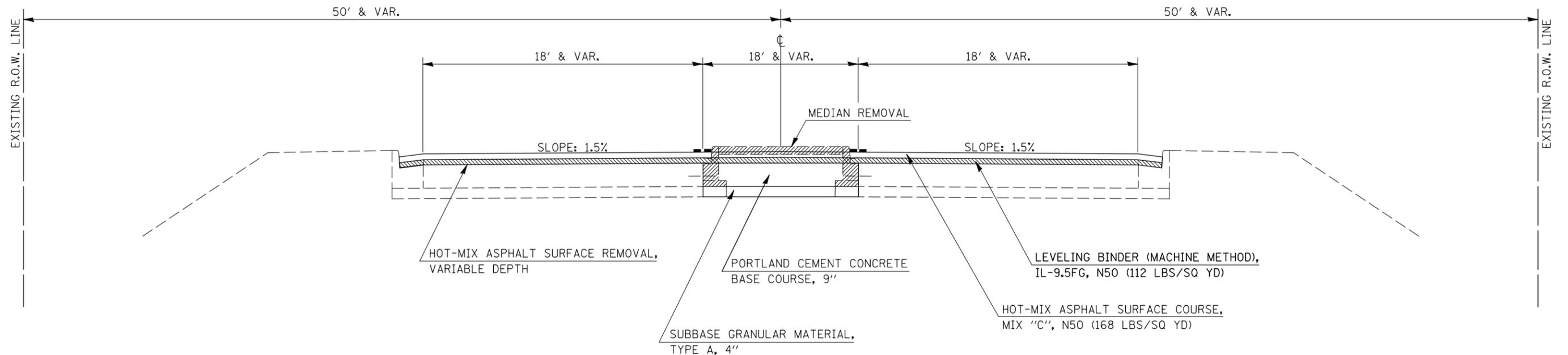
CH 19 (FICKLIN ROAD)
STA. 0+32.00 TO STA. 1+19.00



PROPOSED TYPICAL SECTION

1

CH 19 (FICKLIN ROAD)
STA. 0+32.00 TO STA. 1+19.00



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PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 1/25/2011		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING & PROPOSED TYPICAL SECTION

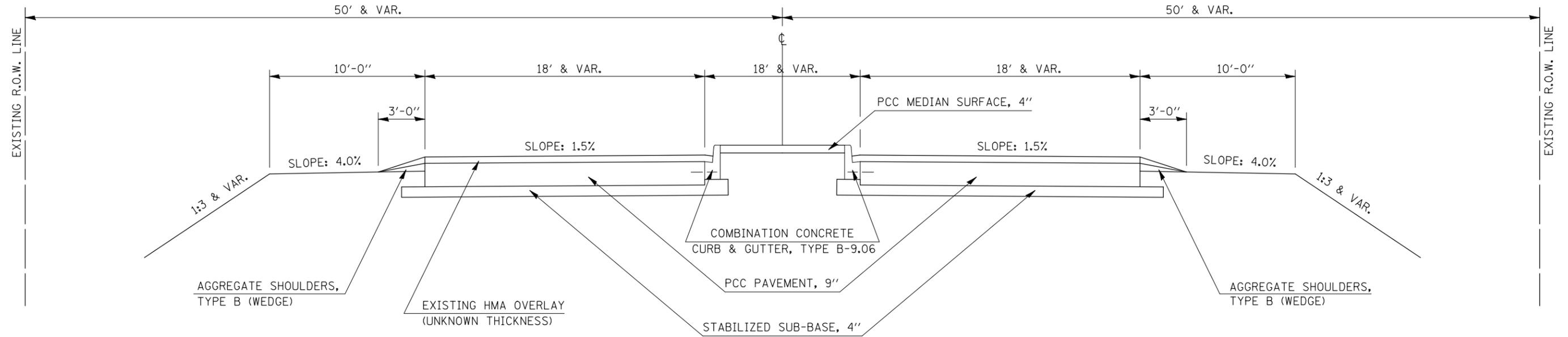
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 19	40PT	DOUGLAS	25	6
CONTRACT NO. 70875				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL SECTION

2

CH 19 (FICKLIN ROAD)
STA. 1+19.00 TO STA. 2+91.00



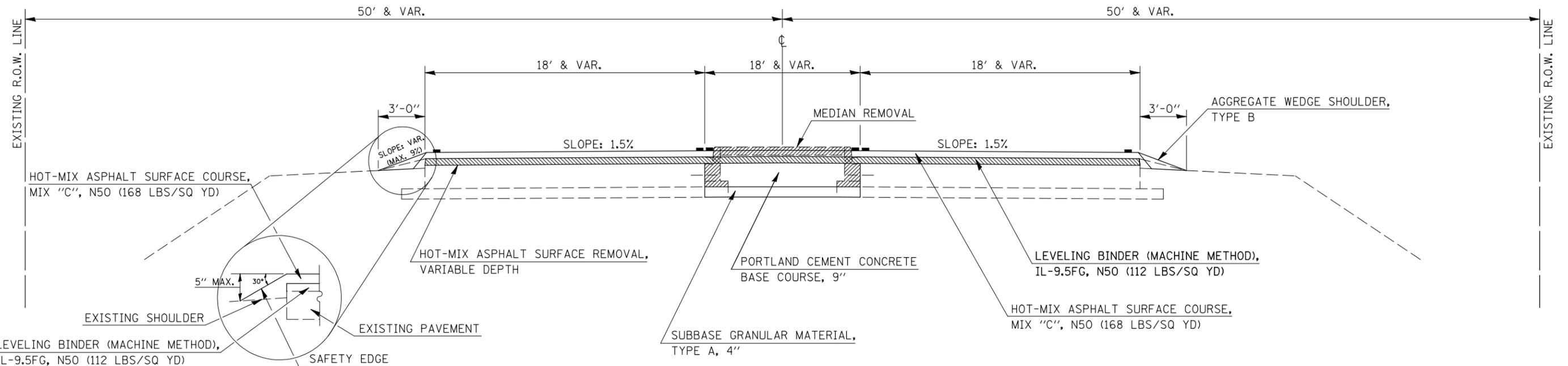
PLAN NOTE:

THE EXISTING SHOULDER SHALL BE BLADED IN ORDER TO REMOVE VEGETATION PRIOR TO THE PLACEMENT OF THE HMA SAFETY EDGE. THIS WORK WILL BE MEASURED IN LINEAL FEET (METERS) AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "GRADING AND SHAPING SHOULDERS" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

PROPOSED TYPICAL SECTION

2

CH 19 (FICKLIN ROAD)
STA. 1+19.00 TO STA. 2+91.00



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PLOT SCALE = 40.0000 ' / IN.		CHECKED -	REVISED -
PLOT DATE = 1/25/2011		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING & PROPOSED TYPICAL SECTION

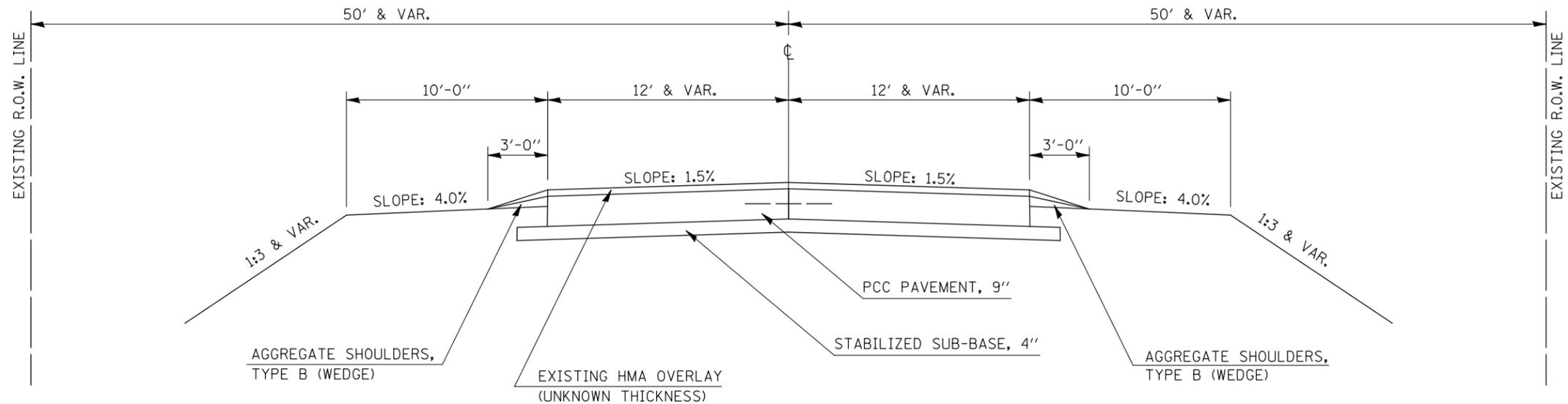
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 19	40PT	DOUGLAS	25	7
CONTRACT NO. 70875				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL SECTION

3

CH 19 (FICKLIN ROAD)
STA. 2+91.00 TO STA. 5+84.00



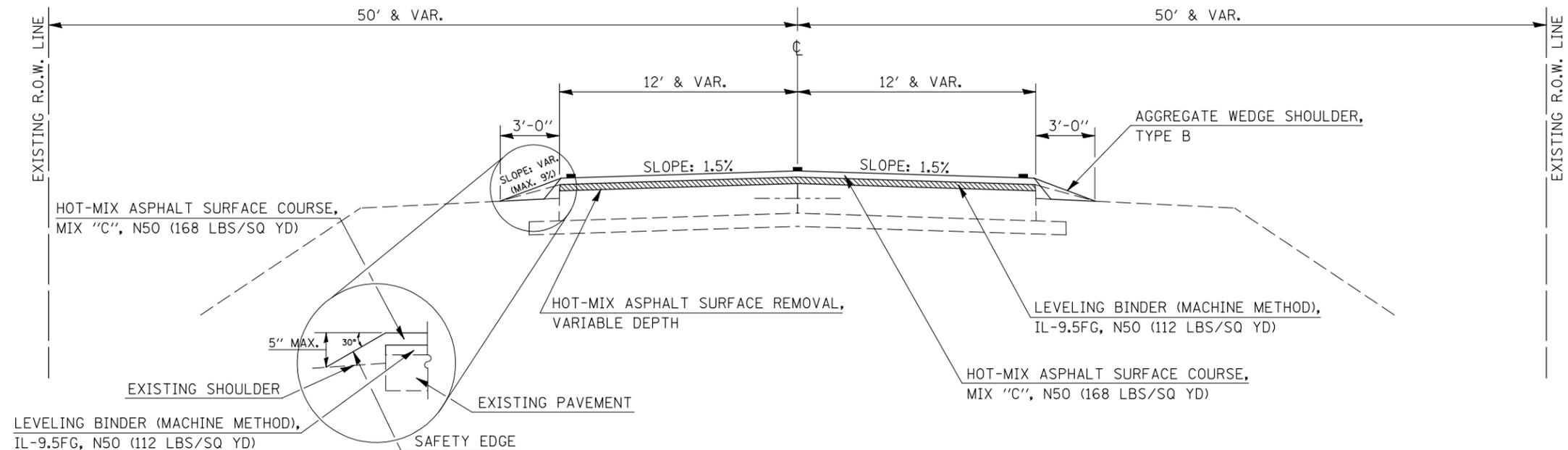
PLAN NOTE:

THE EXISTING SHOULDER SHALL BE BLADED IN ORDER TO REMOVE VEGETATION PRIOR TO THE PLACEMENT OF THE HMA SAFETY EDGE. THIS WORK WILL BE MEASURED IN LINEAL FEET (METERS) AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "GRADING AND SHAPING SHOULDERS" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

PROPOSED TYPICAL SECTION

3

CH 19 (FICKLIN ROAD)
STA. 2+91.00 TO STA. 5+84.00



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PLOT DATE = 1/25/2011		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING & PROPOSED TYPICAL SECTION

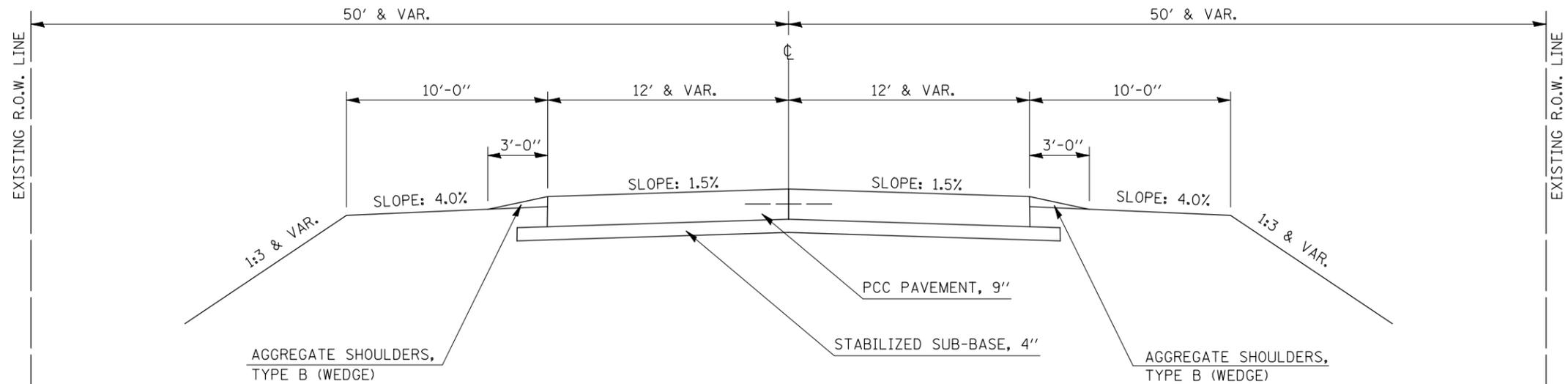
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 19	40PT	DOUGLAS	25	8
CONTRACT NO. 70875				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL SECTION

4

CH 19 (FICKLIN ROAD)
STA. 5+84.00 TO STA. 20+00.00



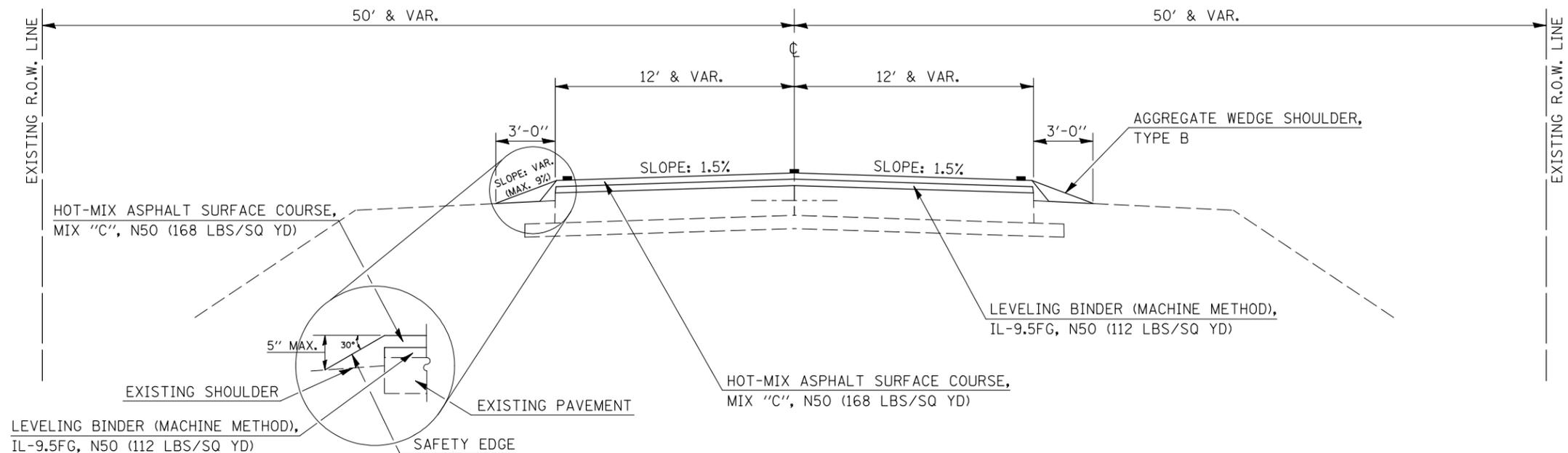
PLAN NOTE:

THE EXISTING SHOULDER SHALL BE BLADED IN ORDER TO REMOVE VEGETATION PRIOR TO THE PLACEMENT OF THE HMA SAFETY EDGE. THIS WORK WILL BE MEASURED IN LINEAL FEET (METERS) AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "GRADING AND SHAPING SHOULDERS" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

PROPOSED TYPICAL SECTION

4

CH 19 (FICKLIN ROAD)
STA. 5+84.00 TO STA. 20+00.00



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PLOT DATE = 1/25/2011		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING & PROPOSED TYPICAL SECTION

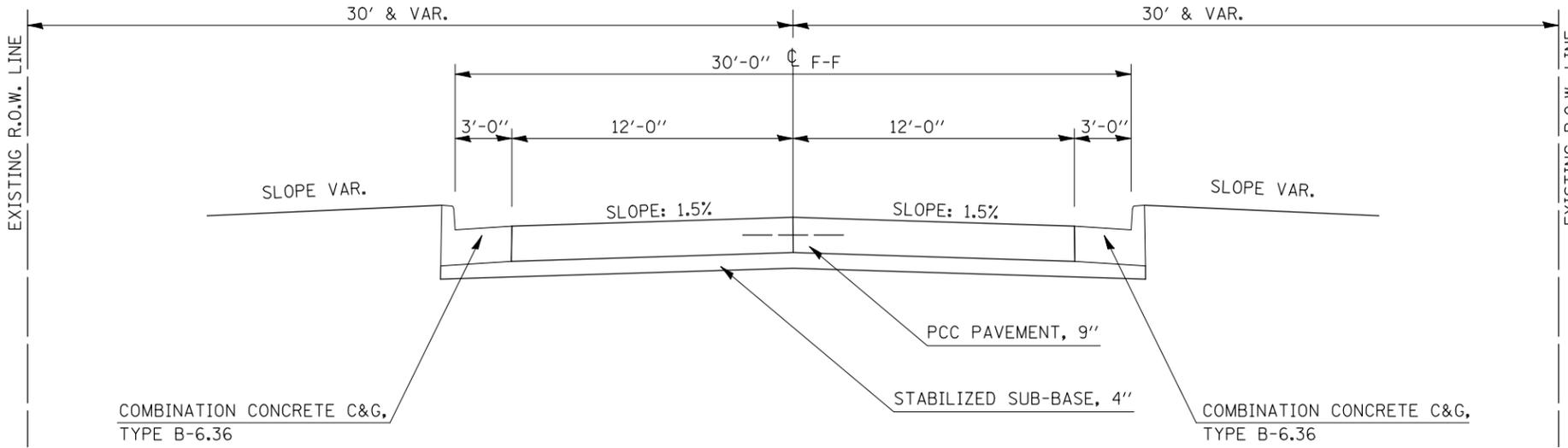
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 19	40PT	DOUGLAS	25	9
CONTRACT NO. 70875				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL SECTION

5

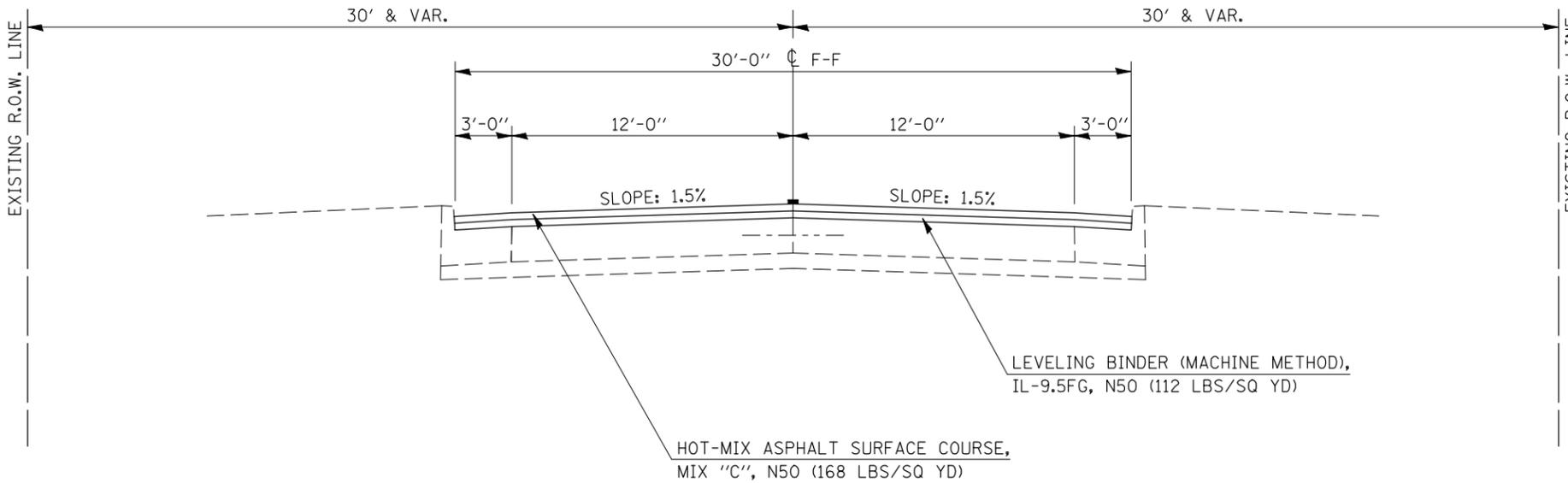
CH 19 (FICKLIN ROAD)
STA. 20+00.00 TO STA. 26+36.00



PROPOSED TYPICAL SECTION

5

CH 19 (FICKLIN ROAD)
STA. 20+00.00 TO STA. 26+36.00



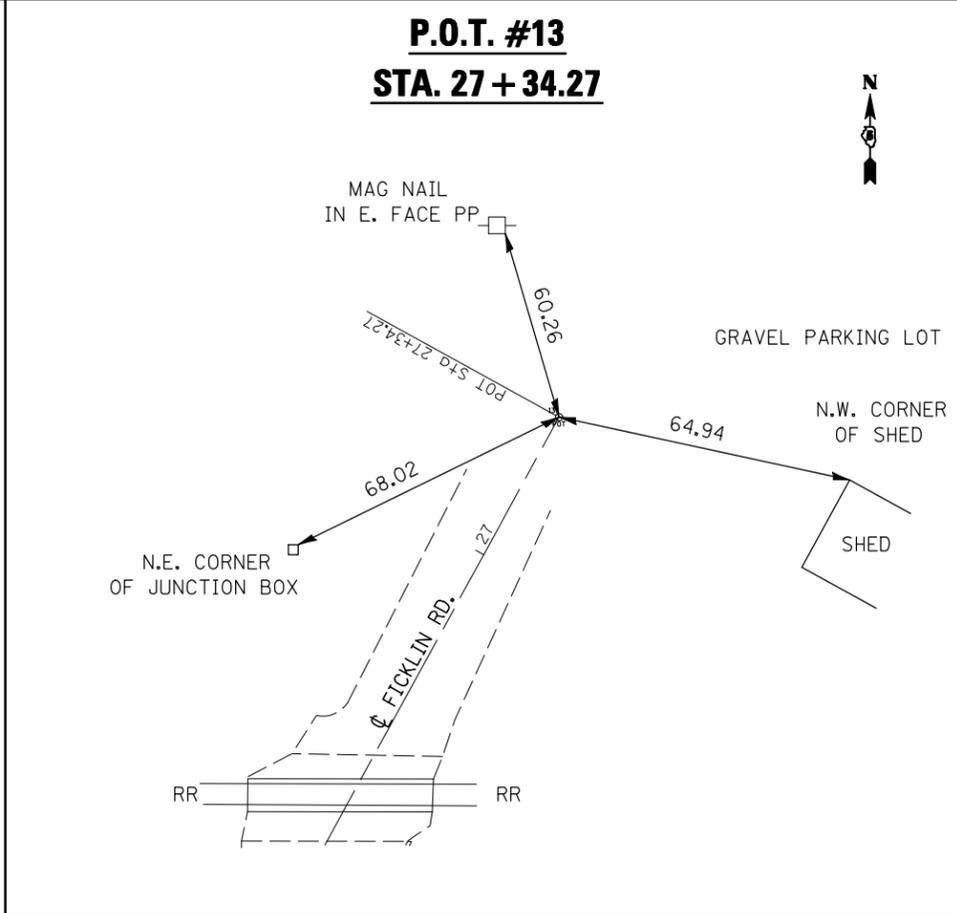
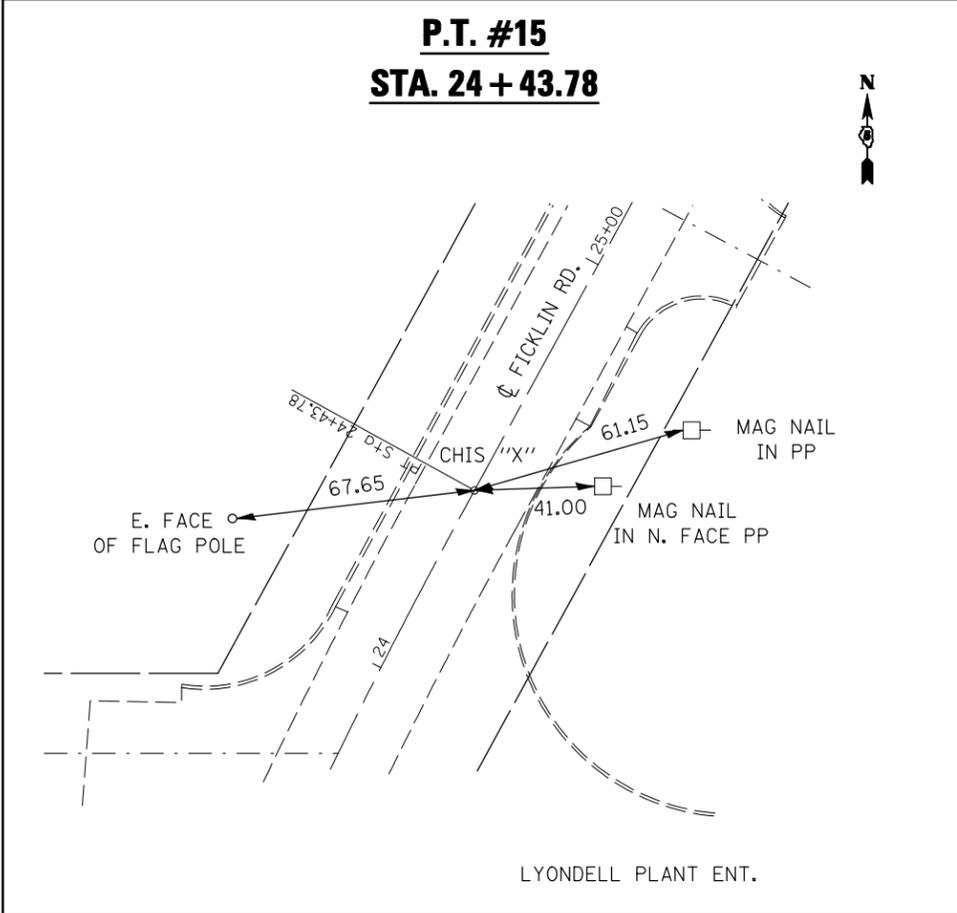
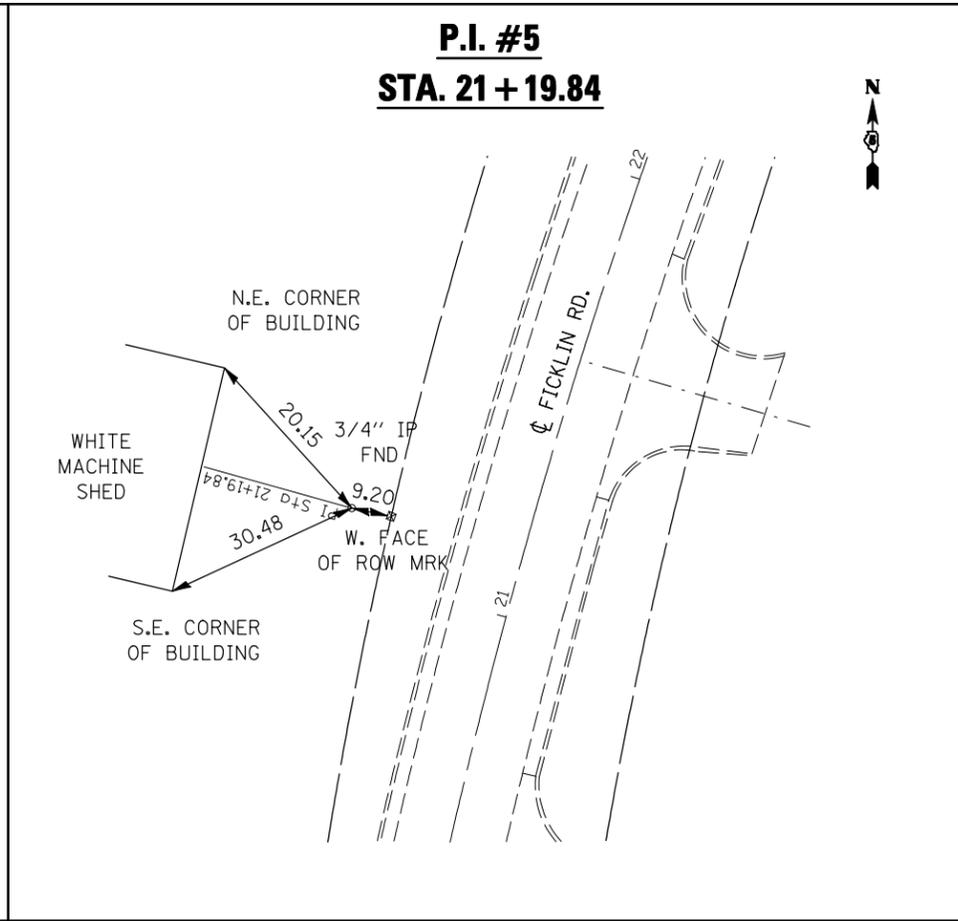
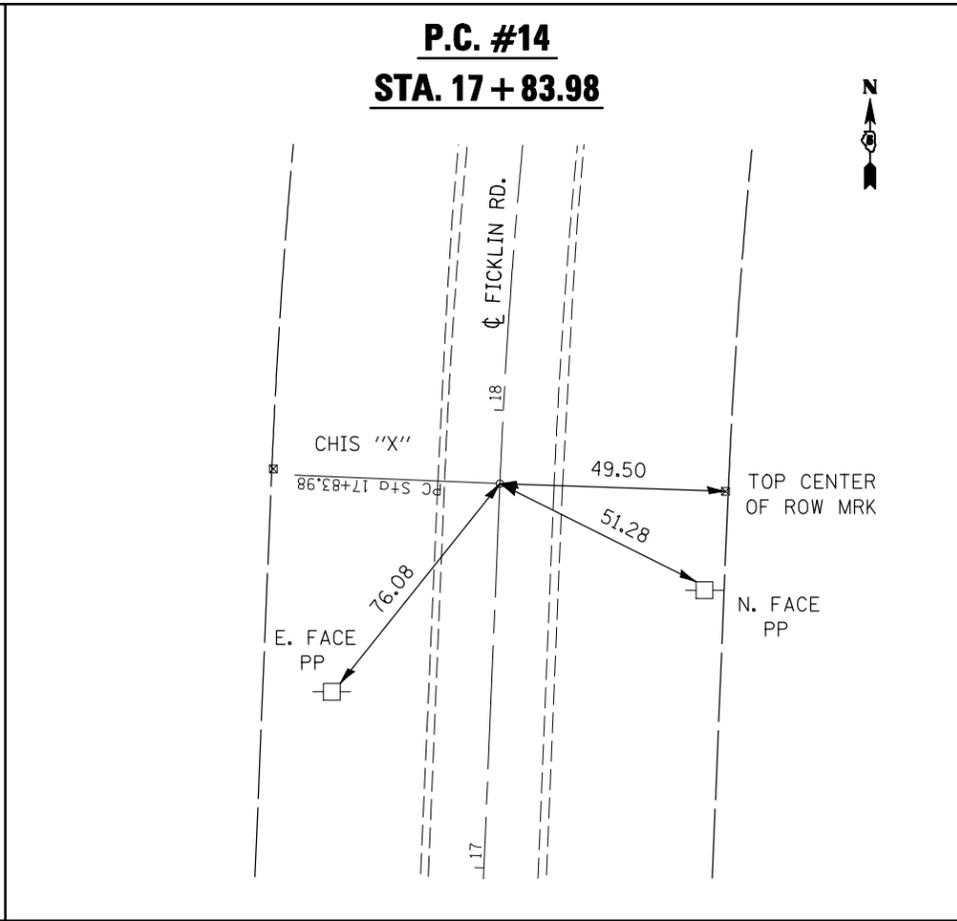
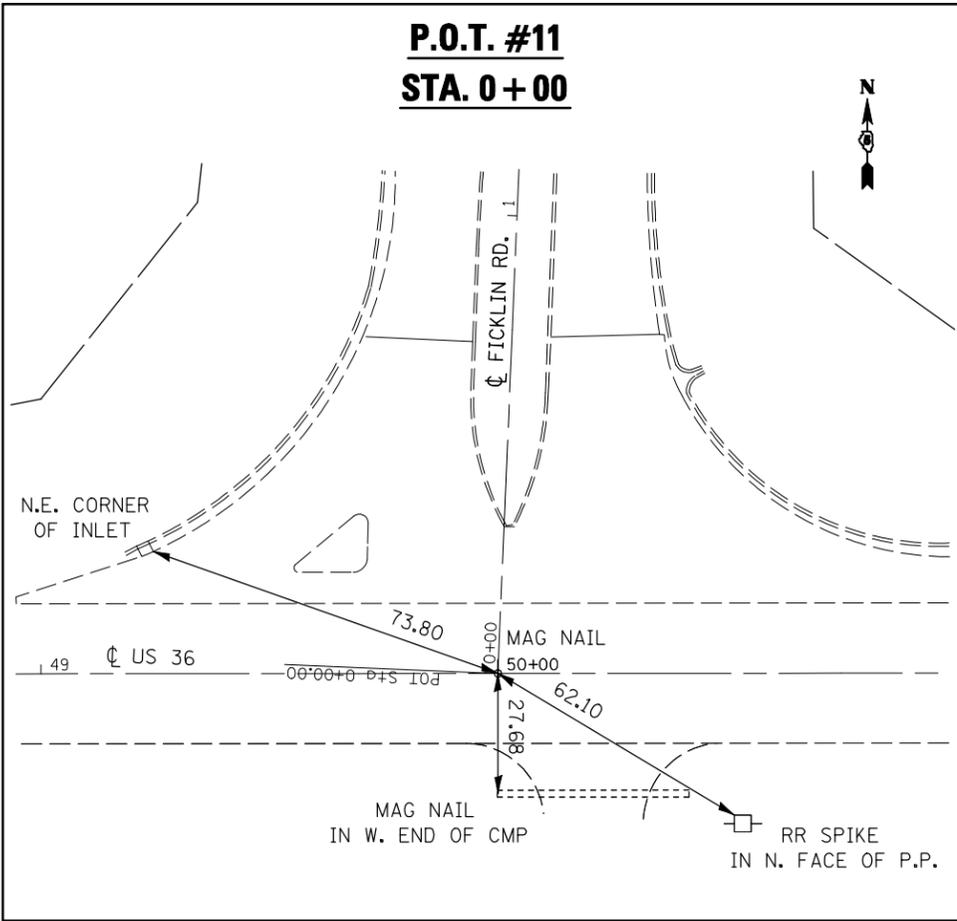
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PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 1/25/2011		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING & PROPOSED TYPICAL SECTION

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 19	40PT	DOUGLAS	25	10
			CONTRACT NO. 70875	
ILLINOIS FED. AID PROJECT				



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		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CENTERLINE RECOVERY TIE POINTS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 19	40PT	DOUGLAS	25	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70875	

SCHEDULE OF QUANTITIES

EARTH EXCAVATION (20200100)
(FOR MEDIAN REMOVAL)

STATION	TO STATION	AREA (SQ FT)	DEPTH (FT)	VOLUME (CU YD)
0+32.00	2+01.90	2,030.1	1.17	88.0
TOTAL =				88.0

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (X4401198)

STATION	TO STATION	LOCATION	SQ YD
0+82.00	5+84.00	NB LANE	886.7
0+82.00	5+84.00	SB LANE	899.9
26+09.27	26+28.65	NB LANE	35.2
26+09.27	26+28.65	SB LANE	30.5
TOTAL =			1,853.0

MAINLINE RESURFACING SCHEDULE

STATION	TO STATION	LENGTH (FT)	AREA (SQ YD)	(40600100) BITUMINOUS MATERIALS PRIME COAT (GAL)	(40600300) AGGREGATE PRIME COAT (TON)	(X4060627) LEVELING BINDER (MM) IL-9.5FG, N50 1IN (TON)	(40603310) HMA SURF CSE MIX "C", N50 1.5 (TON)
0+32.00	0+82.00	50.00	458.77	45.88	0.46		38.54
0+67.00	0+82.00	15.00	111.86			4.70	
0+82.00	5+00.00	418.00	1,732.30	173.23	1.73	97.01	145.51
5+00.00	11+00.00	600.00	1,597.87	159.79	1.60	89.48	134.22
11+00.00	17+00.00	600.00	1,599.83	159.98	1.60	89.59	134.39
17+00.00	23+00.00	600.00	1,781.07	178.11	1.78	99.74	149.61
23+00.00	26+00.00	300.00	934.77	93.48	0.93	52.35	78.52
26+00.00	26+36.00	36.00	123.26	12.33	0.12		20.71
SAFETY EDGE		3,762.00	0.002				4.44
TOTALS		8,339.80		823.0	9.0	433.0	706.0

SUBBASE GRANULAR MATERIAL, TYPE A 4" (31100300)
(FOR MEDIAN REMOVAL)

STATION	TO STATION	SQ YD
0+32.00	2+01.90	248.6
TOTAL =		249.0

CLASS D PATCHES, TYPE II, 13 INCH (44201803)
(ADJACENT TO RR CROSSING)

STATION	LOCATION	SQ YD
26+28.65	NB LANE	14.4
26+28.65	SB LANE	14.4
TOTAL =		29.0

PORTLAND CEMENT CONCRETE BASE COURSE 9" (35300400)
(FOR MEDIAN REMOVAL)

STATION	TO STATION	SQ YD
0+32.00	2+01.90	248.6
TOTAL =		249.0

TEMPORARY RAMP (40800990)

STATION	LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)
0+32.00 LT	5.0	19.6	10.9
0+32.00 LT	5.0	29.8	16.6
0+32.00 RT	5.0	66.2	36.8
6+16.10 RT	8.33	63.5	58.8
8+13.64 RT	8.33	99.3	91.9
12+59.28 RT	8.33	102.2	94.6
13+23.14 LT	8.33	76.4	70.7
15+01.27 LT	8.33	77.8	72.0
20+10.47 LT	8.33	49.3	45.6
20+39.75 RT	8.33	44.5	41.2
21+58.38 RT	8.33	42.4	39.2
22+42.63 LT	8.33	54.1	50.1
23+57.39 RT	8.33	131.3	121.5
23+79.12 LT	8.33	62.8	58.1
25+17.45 RT	8.33	39.2	36.3
25+45.28 LT	8.33	48	44.4
26+28.65	8.33	38.5	35.6
TOTAL =			925.0

INCIDENTAL HOT-MIX ASPHALT SURFACING SCHEDULE

STATION	ENTRANCE TYPE	AREA (SQ YD)	(40800050) INCIDENT HMA SURF (TON)	(40800010) BIT MATLS (PR CT) (GALLON)	(40800030) AGG (PR CT) (TON)	(X4400196) HMA SURF REM, SPECIAL (SQ YD)
3+04.11 LT	FE	26.1	2.1	2.6	0.03	
6+16.10 RT	CE	72.5	5.8	7.2	0.07	
8+13.64 RT	CE	112.6	9.1	11.3	0.11	
12+59.28 RT	CE	114.3	9.2	11.4	0.11	
13+23.14 LT	CE	84.6	6.8	8.5	0.08	
15+01.27 LT	CE	85.1	6.9	8.5	0.09	
20+10.47 LT	CE	54.8	4.4	5.5	0.05	
20+39.75 RT	CE	39.1	3.1	3.9	0.04	
21+58.38 RT	CE	38.1	3.1	3.8	0.04	
22+42.63 LT	CE	51.2	4.1	5.1	0.05	
23+57.39 RT	SIDE ROAD	209.2	23.4	20.9	0.21	209.2
23+79.12 LT	PE	58.1	4.7	5.8	0.06	
25+17.45 RT	CE	35.7	2.9	3.6	0.04	
25+45.28 LT	CE	43.5	3.5	4.4	0.04	
TOTALS		1,025.0	90.0	103.0	1.0	210.0

MEDIAN REMOVAL (44003100)

STATION	TO STATION	SQ FT
0+32.00	2+01.90	2,237.2
TOTAL =		2,238.0

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (40600982)

STATION	TO STATION	SQ YD
0+32.00 LT	0+82.00 LT	179.6
0+32.00 RT	0+82.00 RT	198.8
TOTAL =		379.0

SCHEDULE OF QUANTITIES (CONT'D)

AGGREGATE WEDGE SHOULDER, TYPE B (48102100)

STATION	TO STATION	LENGTH (FT)	WIDTH (FT)	TONS
1+13.33 LT	2+90.18 LT	176.85	3.0	5.2
1+19.55 RT	5+80.88 RT	461.33	3.0	13.5
3+17.57 LT	12+83.39 LT	965.82	3.0	28.2
6+54.60 RT	7+27.25 RT	72.65	3.0	2.1
9+03.70 RT	11+70.34 RT	266.64	3.0	7.8
13+47.10 RT	19+78.79 RT	631.69	3.0	18.4
13+65.90 LT	14+59.07 LT	93.17	3.0	2.7
15+42.20 LT	19+72.28 LT	430.08	3.0	12.5
TOTAL =				91.0

SHORT TERM PAVEMENT MARKING (70300100)

(MILLING @ SOUTH END)

STATION	TO STATION	LOCATION	FEET
0+27.90	3+61.40	MEDIAN TAPER	134.4
3+61.40	5+84.10	CENTERLINE	22.3
SUBTOTAL =			156.7

(AFTER LEVELING BINDER)

STATION	TO STATION	LOCATION	FEET
0+67.00	3+61.40	MEDIAN TAPER	117.6
3+61.40	26+09.30	CENTERLINE	224.8
SUBTOTAL =			342.4

(AFTER SURFACE COURSE)

STATION	TO STATION	LOCATION	FEET
0+27.90	3+61.40	MEDIAN TAPER	134.4
3+61.40	26+36.00	CENTERLINE	227.5
SUBTOTAL =			361.9
TOTAL =			861.0

WORK ZONE PAVEMENT MARKING REMOVAL (70301000)

STATION	TO STATION	LOCATION	SQ FT
0+27.90	3+61.40	MEDIAN TAPER	44.4
3+61.40	26+36.00	CENTERLINE	75.1
TOTAL =			120.0

THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (78000100)

STATION	SYMBOL	SQ FT
24+95.00 RT	RR "R"	7.2
24+95.00 RT	RR "X"	54.0
TOTAL =		62.0

THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200)

4" DOUBLE YELLOW LINE -

STATION	TO STATION	LOCATION	FEET
0+27.90	3+61.40	PAINT MED.	1,345.4
TOTAL =			1,346.0

THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600)

12" YELLOW DIAGONAL -

STATION	TO STATION	LOCATION	FEET
0+27.90	3+61.40	PAINT MED.	214.2
TOTAL =			215.0

THERMOPLASTIC PAVEMENT MARKING - LINE 24" (78000650)

24" STOP BAR (RAILROAD MARKINGS) -

STATION	LOCATION	FEET
24+70.00	NB LANE	12.0
25+20.00	NB LANE	12.0
26+20.00	NB LANE	12.0
TOTAL =		36.0

PAINT PAVEMENT MARKING - LINE 4" (78001100)

4" YELLOW LINE -

STATION	TO STATION	LOCATION	FEET
3+61.40	24+60.00	SKIP-DASH	524.7
24+60.00	26+30.00	DBL SOLID	340.0
SUBTOTAL =			864.7

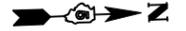
4" WHITE LINE -

STATION	TO STATION	LOCATION	FEET
1+13.00	20+31.00	LT EDGE	1,918.0
1+19.50	7+27.20	RT EDGE	607.7
9+03.70	11+70.50	RT EDGE	266.8
13+47.20	19+78.60	RT EDGE	631.4
SUBTOTAL =			3,423.9
TOTAL =			4,289.0

GRADING AND SHAPING SHOULDERS (XX008432)

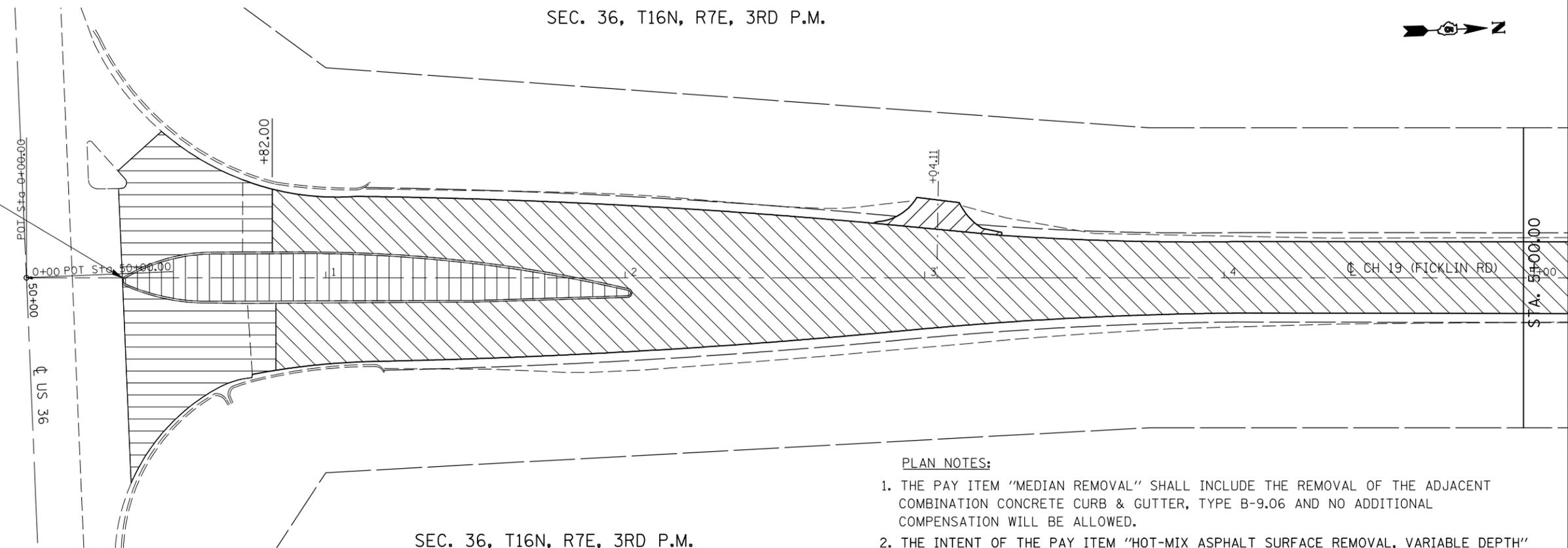
STATION	TO STATION	FEET
1+14.80 LT	2+90.40 LT	175.6
1+19.60 RT	5+00.00 RT	380.4
3+17.60 LT	5+00.00 LT	182.4
5+00.00 LT	11+00.00 LT	600.0
5+00.00 RT	5+81.30 RT	81.3
6+54.20 RT	7+27.30 RT	73.1
9+03.80 RT	11+00.00 RT	196.2
11+00.00 LT	12+83.50 LT	183.5
11+00.00 RT	11+70.30 RT	70.3
13+47.10 RT	17+00.00 RT	352.9
13+66.20 LT	14+59.30 LT	93.1
15+42.00 LT	17+00.00 LT	158.0
17+00.00 LT	19+72.50 LT	272.5
17+00.00 RT	19+78.70 RT	278.7
TOTAL =		3,098.0

SEC. 36, T16N, R7E, 3RD P.M.



SECTION 40PT BEGINS
STATION 0+32.00

-  INCIDENTAL SURFACING
-  MEDIAN REMOVAL/
PCC BASE COURSE, 9"
-  HMA SURFACE REMOVAL,
VARIABLE DEPTH
-  HMA SURFACE REMOVAL,
BUTT JOINT



SEC. 36, T16N, R7E, 3RD P.M.

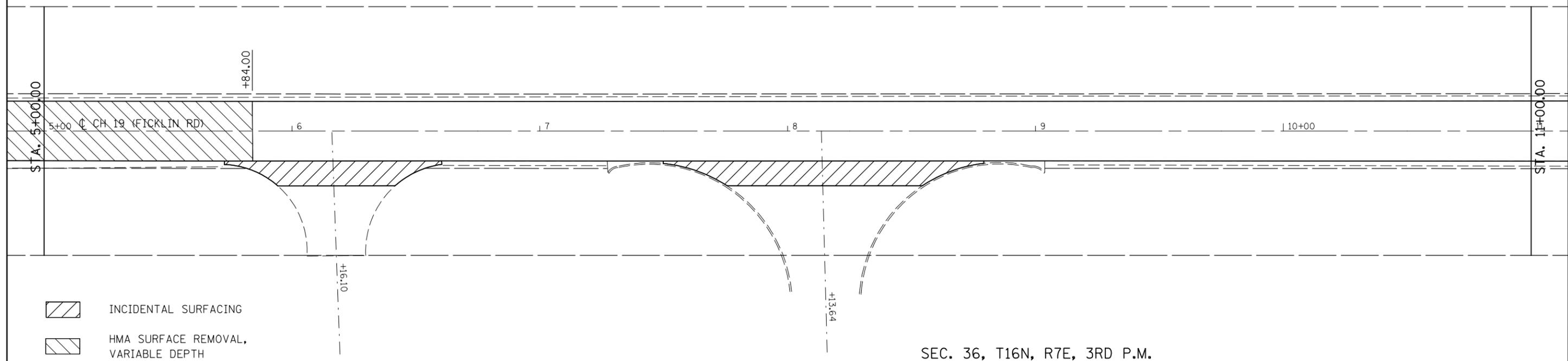
PLAN NOTES:

1. THE PAY ITEM "MEDIAN REMOVAL" SHALL INCLUDE THE REMOVAL OF THE ADJACENT COMBINATION CONCRETE CURB & GUTTER, TYPE B-9.06 AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
2. THE INTENT OF THE PAY ITEM "HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH" IS TO MILL THE EXISTING ASPHALT OVERLAY DOWN TO THE EXISTING CONCRETE PAVEMENT.
3. INCIDENTAL SURFACING AREAS SHALL CONSIST OF THE CONSTRUCTION OF 10' LONG HOT-MIX ASPHALT FEATHEREDGE RUNDOWNS.

SEC. 36, T16N, R7E, 3RD P.M.



-  INCIDENTAL SURFACING
-  HMA SURFACE REMOVAL,
VARIABLE DEPTH



SEC. 36, T16N, R7E, 3RD P.M.

FILE NAME =	USER NAME = hennessdm	DESIGNED -	REVISED -
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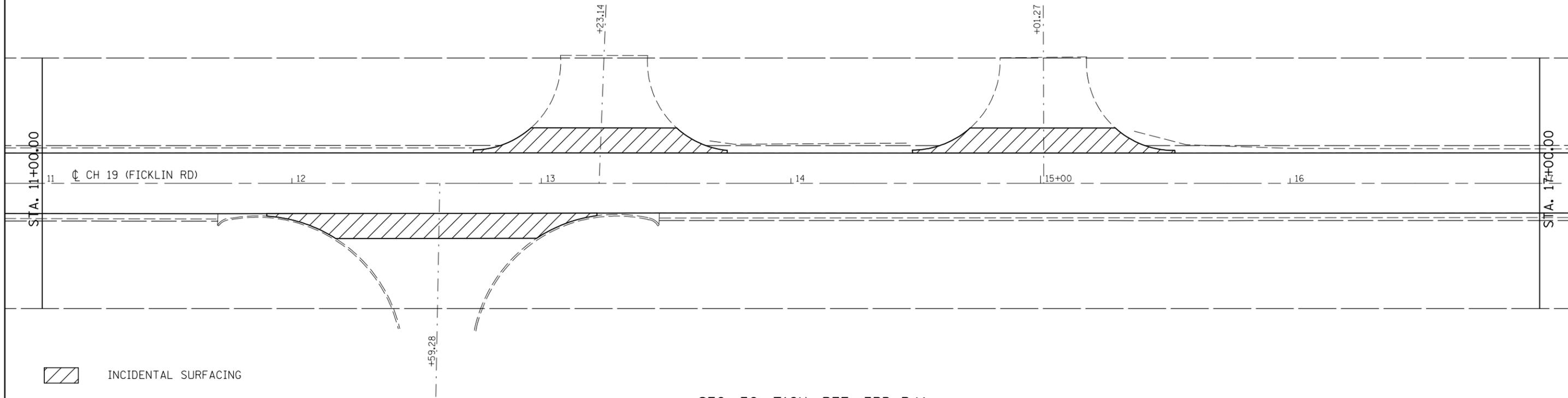
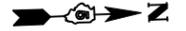
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET NO. OF SHEETS STA. TO STA.

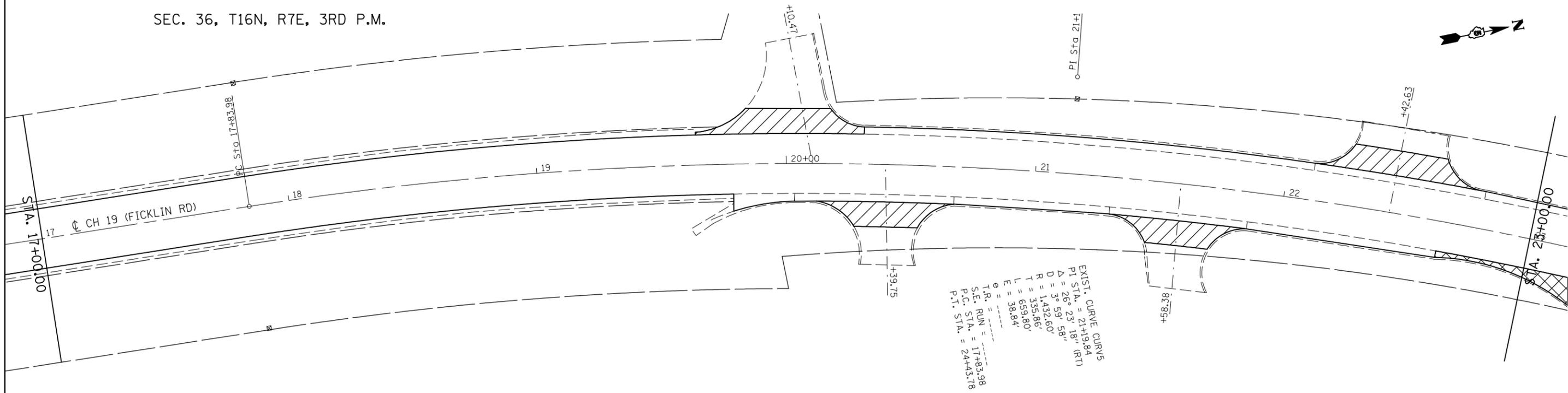
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 19	40PT	DOUGLAS	25	14
CONTRACT NO. 70875				
ILLINOIS FED. AID PROJECT				

SEC. 36, T16N, R7E, 3RD P.M.



SEC. 36, T16N, R7E, 3RD P.M.

SEC. 36, T16N, R7E, 3RD P.M.



SEC. 36, T16N, R7E, 3RD P.M.

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PLOT DATE = 1/25/2011		DATE -	REVISED -

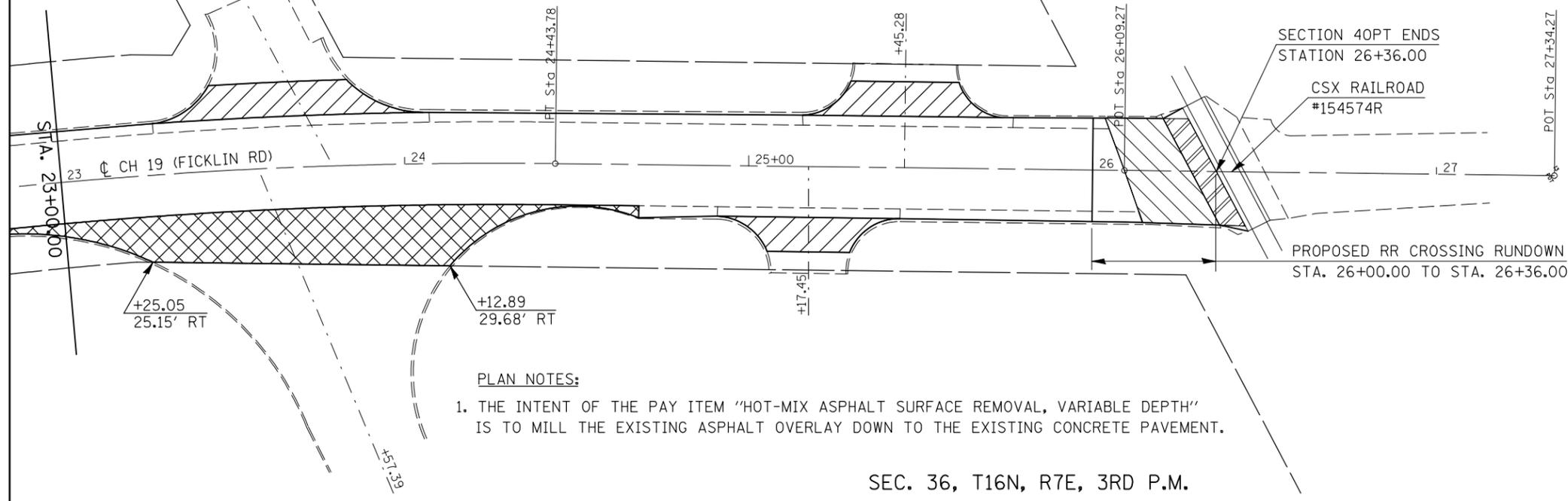
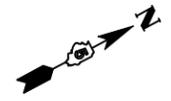
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 19	40PT	DOUGLAS	25	15
CONTRACT NO. 70875				
ILLINOIS FED. AID PROJECT				

SEC. 36, T16N, R7E, 3RD P.M.



PLAN NOTES:
 1. THE INTENT OF THE PAY ITEM "HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH" IS TO MILL THE EXISTING ASPHALT OVERLAY DOWN TO THE EXISTING CONCRETE PAVEMENT.

- INCIDENTAL SURFACING
- HMA SURFACE REMOVAL, SPECIAL
- HMA SURFACE REMOVAL, VARIABLE DEPTH
- CLASS D PATCHES, TYPE II, 13"

SEC. 36, T16N, R7E, 3RD P.M.

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PLOT DATE = 2/1/2011		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

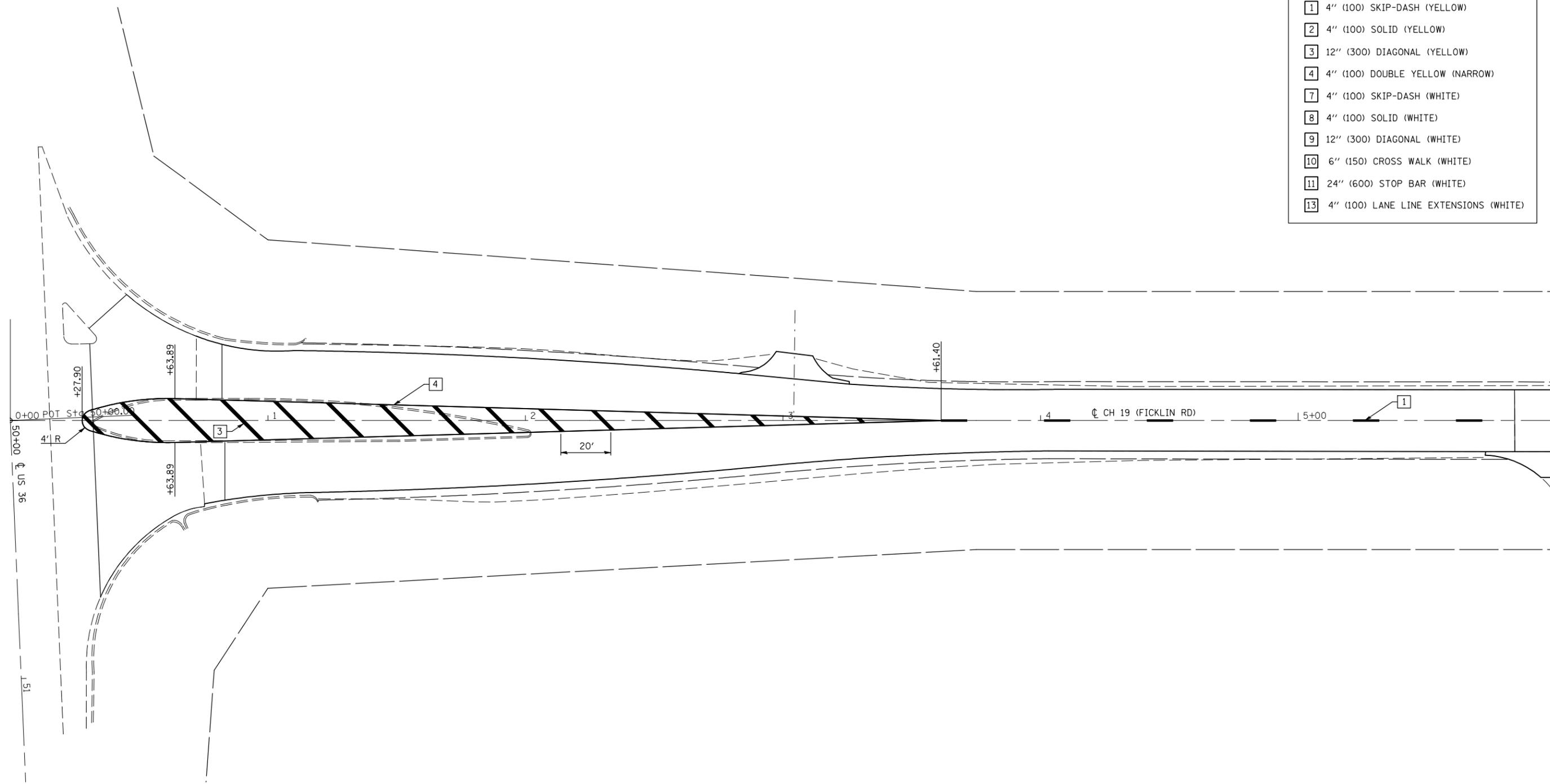
PLAN SHEET			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 19	40PT	DOUGLAS	25	16
CONTRACT NO. 70875			ILLINOIS FED. AID PROJECT	



PAVEMENT MARKING LEGEND

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



FILE NAME =	USER NAME = hennessdm	DESIGNED -	REVISED -
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PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 1/25/2011		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAIL

SCALE: SHEET NO. OF SHEETS STA. TO STA.

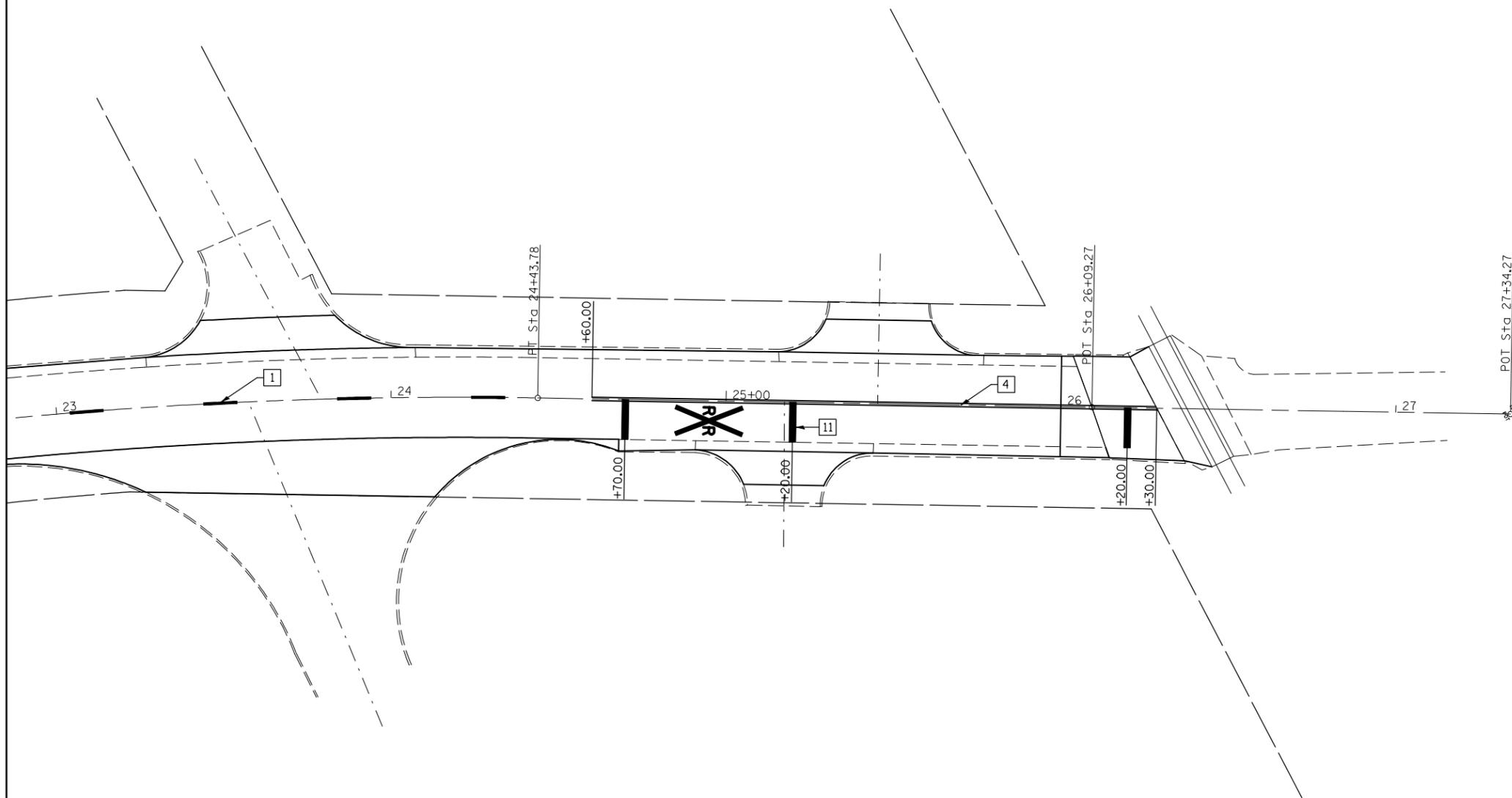
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 19	40PT	DOUGLAS	25	17
CONTRACT NO. 70875			ILLINOIS FED. AID PROJECT	

SEC. 36, T16N, R7E, 3RD P.M.



PAVEMENT MARKING LEGEND

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



SEC. 36, T16N, R7E, 3RD P.M.

FILE NAME =	USER NAME = hennessdm	DESIGNED -	REVISED -
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PLOT DATE = 1/25/2011		DATE -	REVISED -

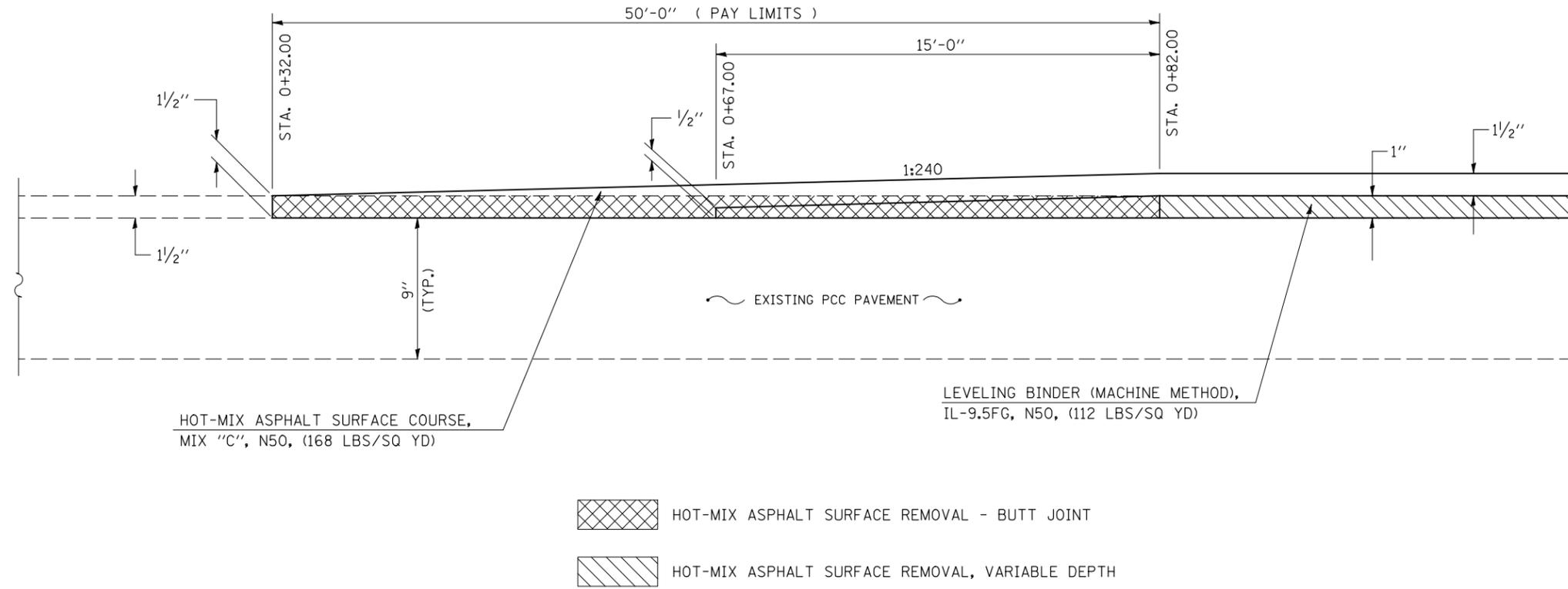
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAIL

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 19	40PT	DOUGLAS	25	18
CONTRACT NO. 70875			ILLINOIS FED. AID PROJECT	

DETAIL OF HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT



FILE NAME =	USER NAME = hennessdm	DESIGNED -	REVISED -
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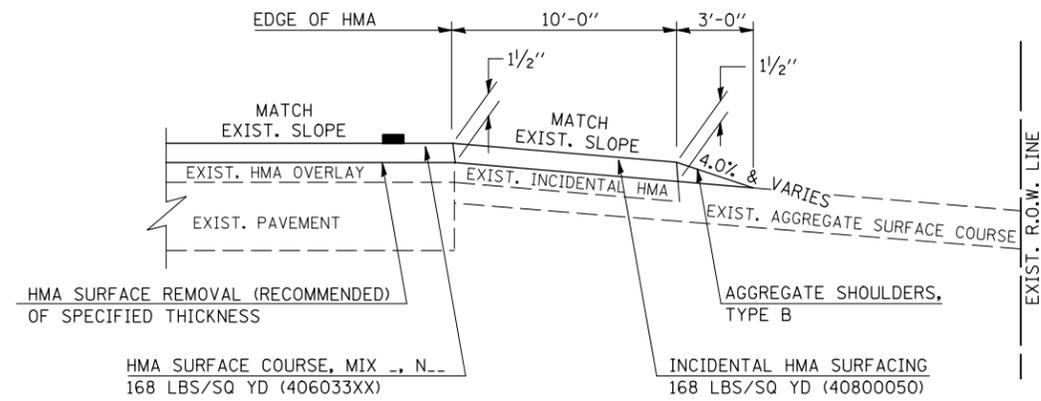
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS			
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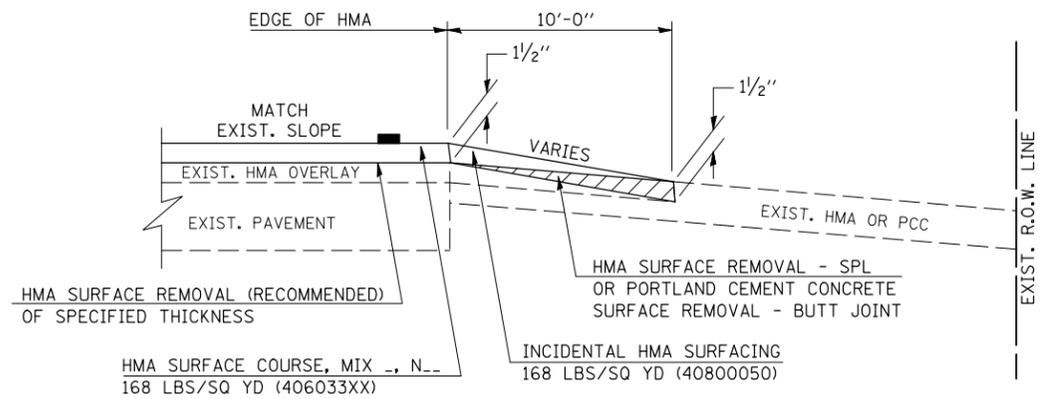
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 19	40PT	DOUGLAS	25	19
CONTRACT NO. 70875				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PROJECTS WITHOUT RECONSTRUCTION

S.M.A.R.T. IMPROVEMENTS (POLICY RESURFACING; BDE 53-4.03; 1/2")

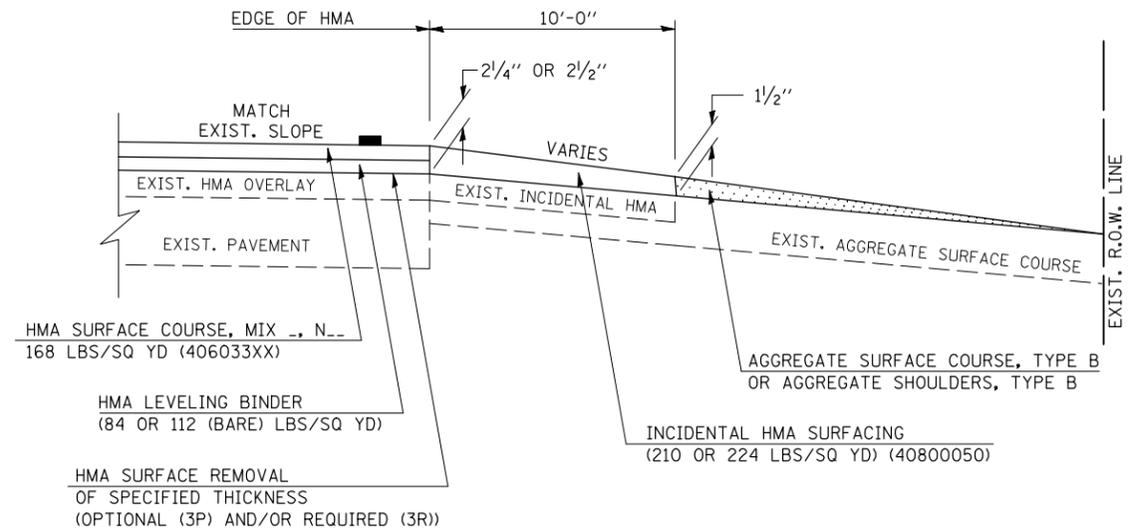


EXISTING AGGREGATE ENTRANCE

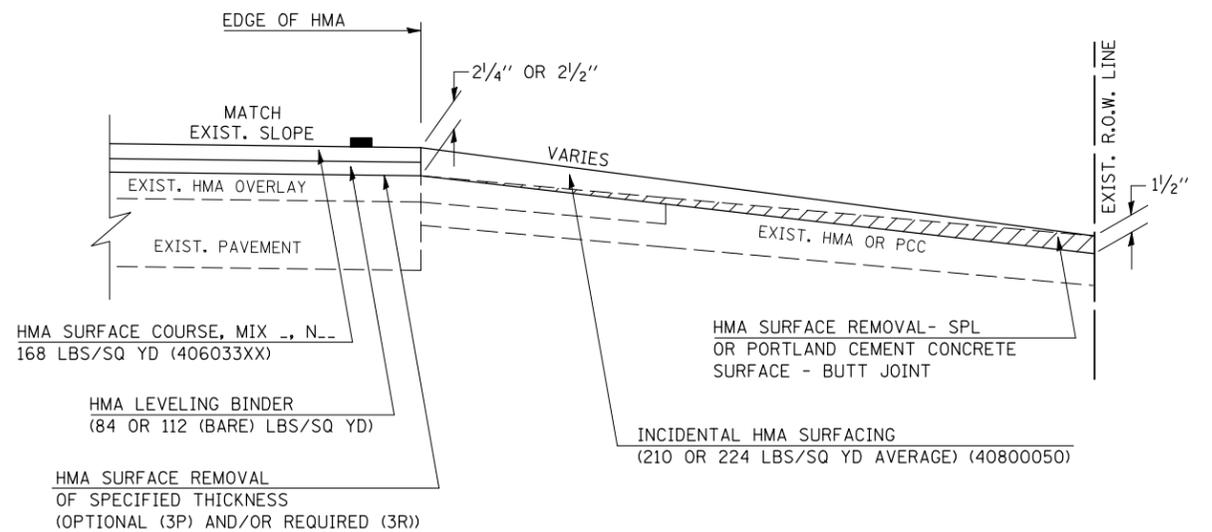


EXISTING HMA OR PCC ENTRANCE

"3P" OR "3R" IMPROVEMENTS (POLICY RESURFACING; BDE 53-4.02; 2 1/4" OR 2 1/2" ON BARE CONCRETE)



EXISTING AGGREGATE ENTRANCE



EXISTING HMA OR PCC ENTRANCE

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

DISTRICT 5 DETAIL NO. 4080050C

FILE NAME =	USER NAME = hennessdm	DESIGNED -	REVISED - 12/08/06 TJB
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

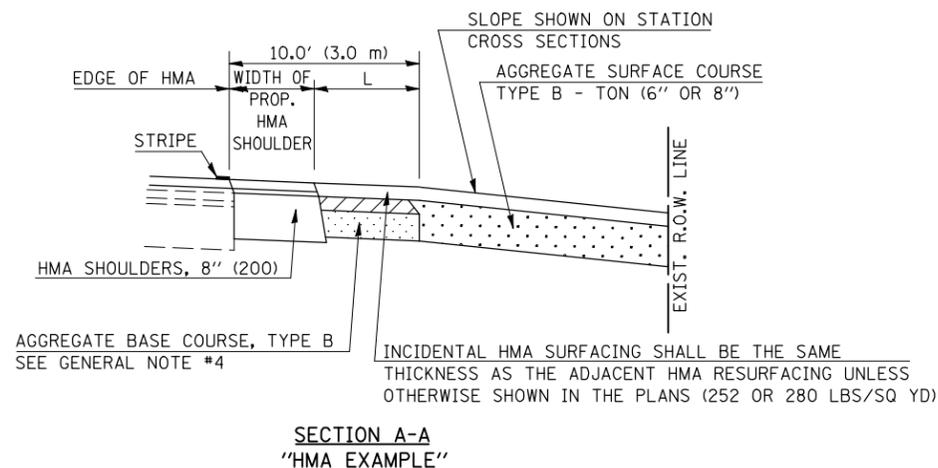
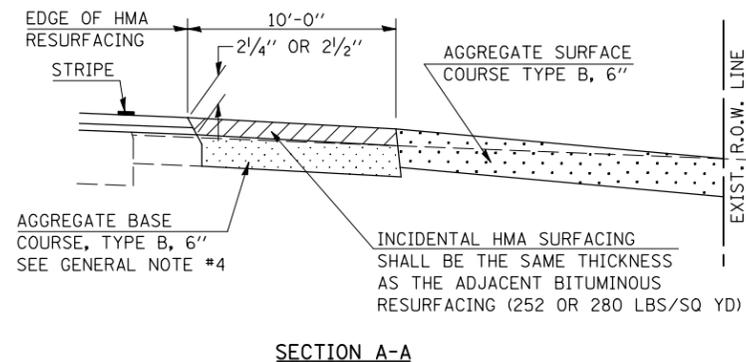
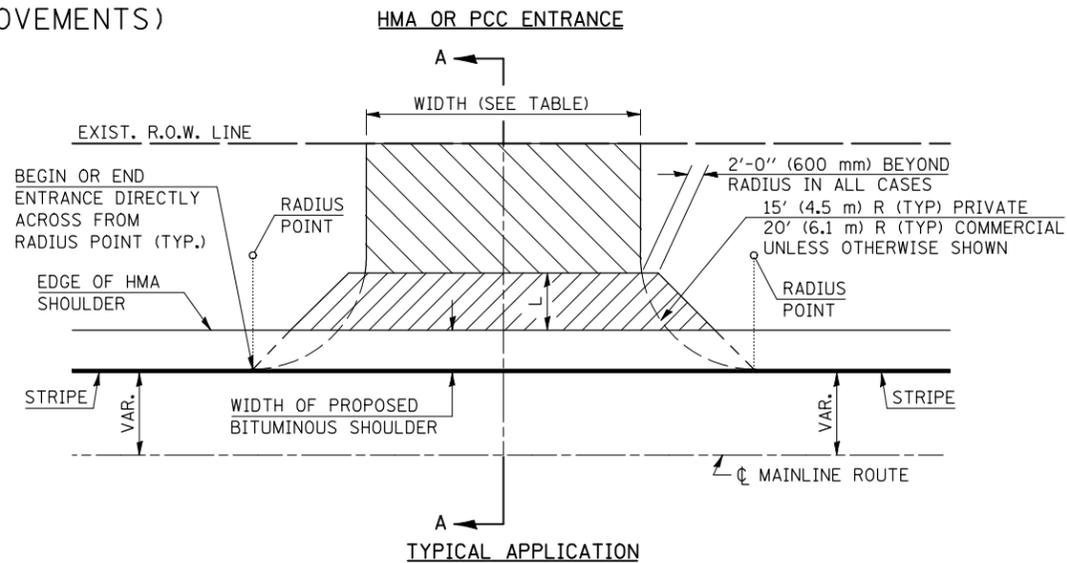
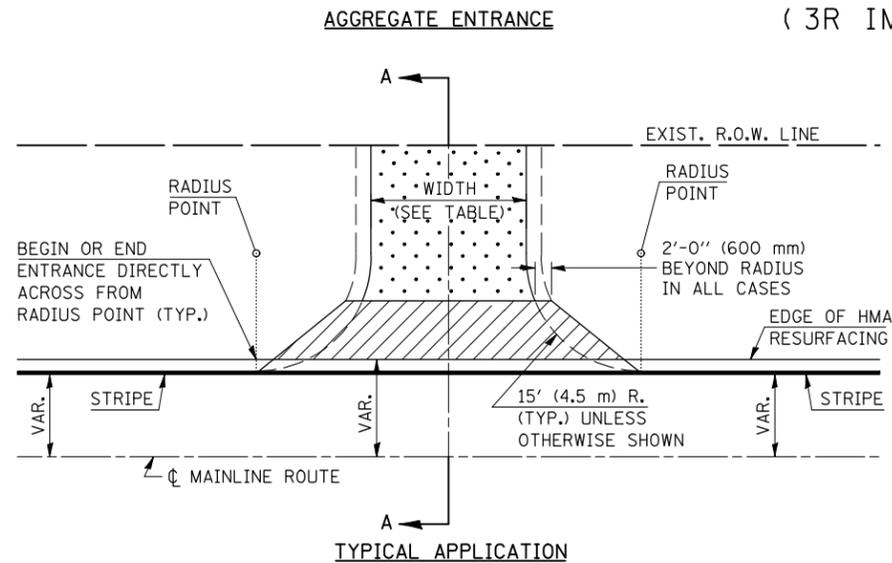
**PRIVATE AND COMMERCIAL ENTRANCES
(NONCOMMERCIAL AND COMMERCIAL RURAL)**

SCALE: NA SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 19	40PT	DOUGLAS	25	20
CONTRACT NO. 70875				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PROJECTS WITH RECONSTRUCTION

(3R IMPROVEMENTS)



GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE.
4. AGGREGATE BASE COURSE, TYPE B, 6" (150 mm) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED ENTRANCES. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ANY EXISTING RETURN OR TO CONSTRUCT NEW ENTRANCES WHERE NONE NOW EXISTS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 12" (300 mm) WIDER THAN THE SURFACE DIMENSIONS AS SHOWN ABOVE.
6. EXISTING FIELD ENTRANCES OF AGGREGATE OR EARTH WITH NO HMA APRON SHALL NOT RECEIVE A NEW HMA APRON WITHOUT PROPER APPROVAL THROUGH THE BUREAU OF OPERATIONS "POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS".
7. TO ASSURE APPROPRIATE ACCESS POLICIES ARE FOLLOWED ALL NEW ACCESS SHALL BE APPLIED FOR THROUGH THE BUREAU OF OPERATIONS PERMIT APPLICATION PROCESS. PLAN PREPARATION MEMORANDUMS 40-09 AND 40-11 ALONG WITH DISTRICT CONSTRUCTION MEMORANDUM 03/14 DISCUSS THIS PROCEDURE.

RURAL ENTRANCE DESIGN STANDARDS (PPM 40-09)															
DESIGN ELEMENT	NEW CONSTRUCTION & 3R with RECONSTRUCTION									3R w/out RECONSTRUCTION, 3P, SMART & CM					
	NONCOMMERCIAL						COMMERCIAL			NONCOMMERCIAL			COMMERCIAL		
	PRIVATE & FIELD			FIELD W/ FARM IMPLEMENTS			min.	des.	max.	PRIVATE & FIELD		COMMERCIAL			
	min.	des.	max.	min.	max.	min.	des.	max.	min.	des.	max.	min.	des.	max.	
SURFACE WIDTH (FT)	12 16 24 24 30						1 LANE, 1 WAY			1 LANE, 1 WAY					
							2 LANE, 2 WAY			2 LANE, 2 WAY					
RADIUS (FT)	15	25	40	30		20	30	50	resurface existing configuration; existing hma or pcc entrances shall have "butt joints" constructed; existing aggregate or earth entrances shall have the continuation of aggregate shoulders placed behind them						
SHOULDER WIDTH (FT)	2	2		2		1	3								
SHOULDER SLOPE (%)	2	4	6	4		2	4	6							
ENTRANCE GRADE (%)	0	2 to 5	10 or 12	2 to 5	10 or 12	0	2 to 5	8 or 10							
SIDE SLOPE (FT)	1:10	1:6	1:4	1:6	1:4	1:10	1:6	1:4							
SURFACE TYPE															
INCIDENTAL HMA SURFACING (INCH)		2		2		3 or 4			taper from hma resurfacing thickness (2 1/2", 2 1/4" or 1 1/2") to 1 1/2" for "butt joints" and to minimize aggregate shoulder						
AGGREGATE SURFACE COURSE, TYPE B (INCH)		6		6		8			if applicable use items: Preparation of Base & Aggregate Base Repair; see PPM 30-02						
PCC DRIVEWAY PAVEMENT (INCH)		6							6 or 8						

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

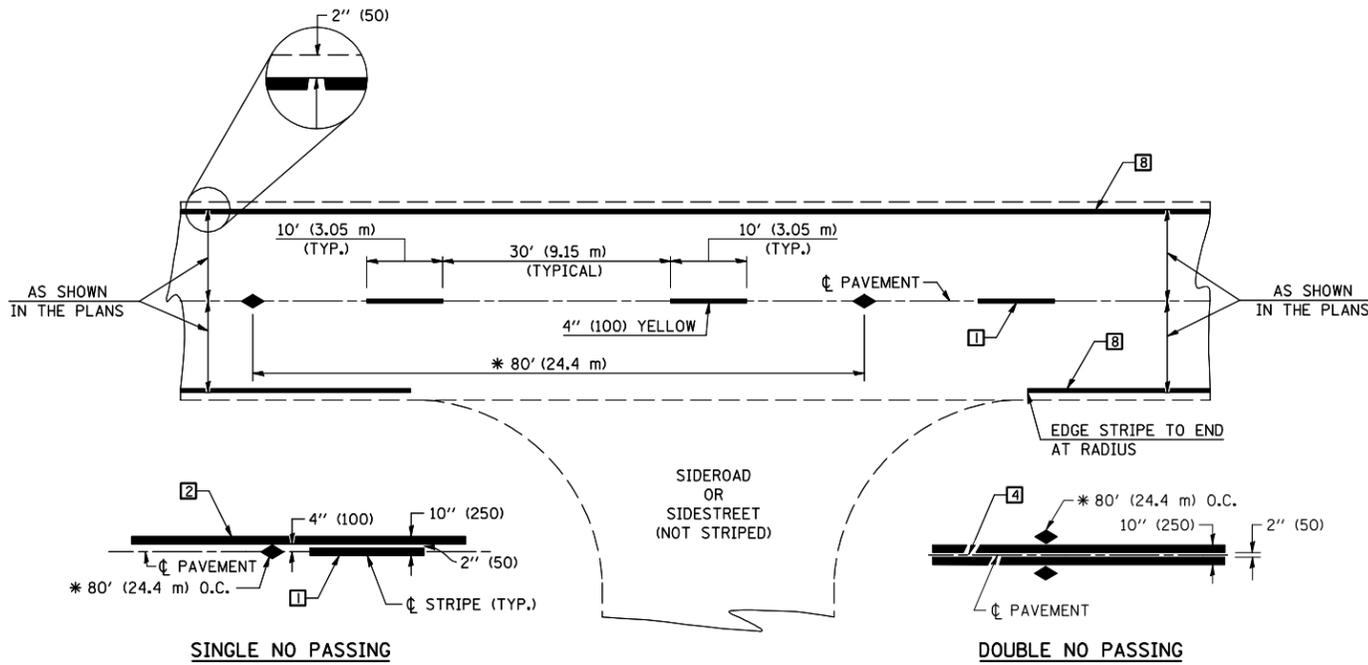
DISTRICT 5 DETAIL NO. 4080050C

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	PLOT DATE = 1/25/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PRIVATE AND COMMERCIAL ENTRANCES (NONCOMMERCIAL AND COMMERCIAL RURAL)			
SCALE: NA	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 19	40PT	DOUGLAS	25	21
CONTRACT NO. 70875				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



* 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

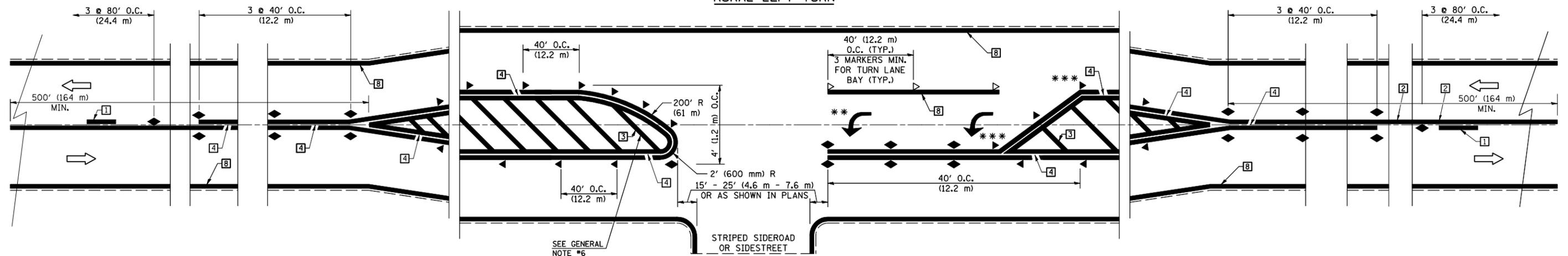
TYPICAL PAVEMENT MARKING LEGEND

- 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 LEGEND

- ◆ 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 ON SHEET #2.

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

DISTRICT 5 DETAIL NO. 7800AAA

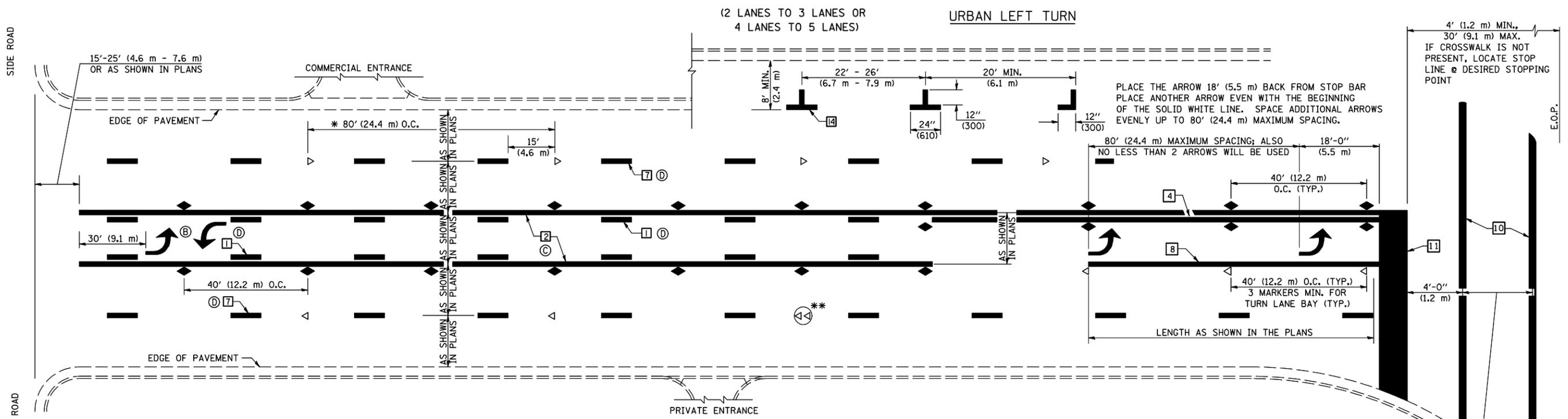
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	PLOT DATE = 1/25/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

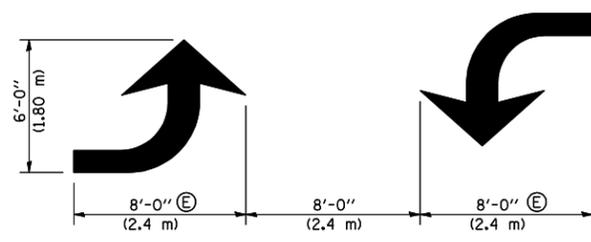
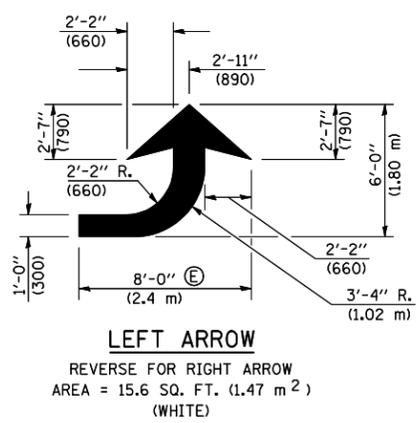
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 19	40PT	DOUGLAS	25	22
CONTRACT NO. 70875				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



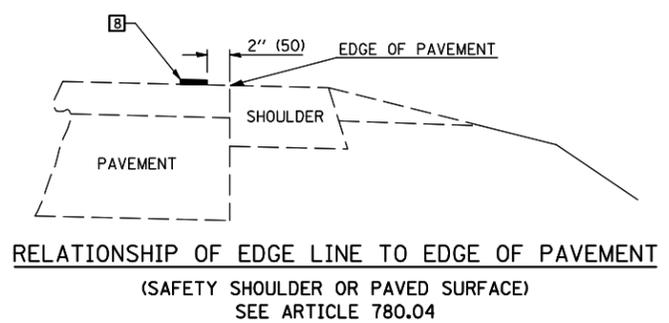
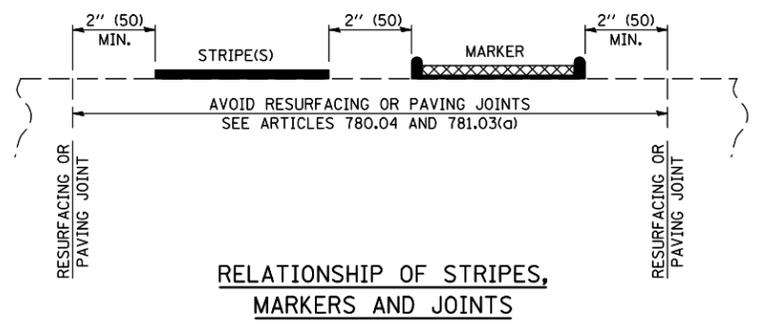
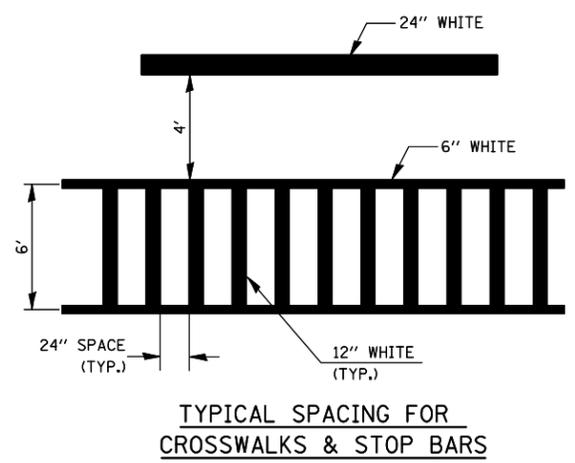
* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

- 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)



BLOOMINGTON-NORMAL CITY LIMITS ONLY



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

DISTRICT 5 DETAIL NO. 7800AAA

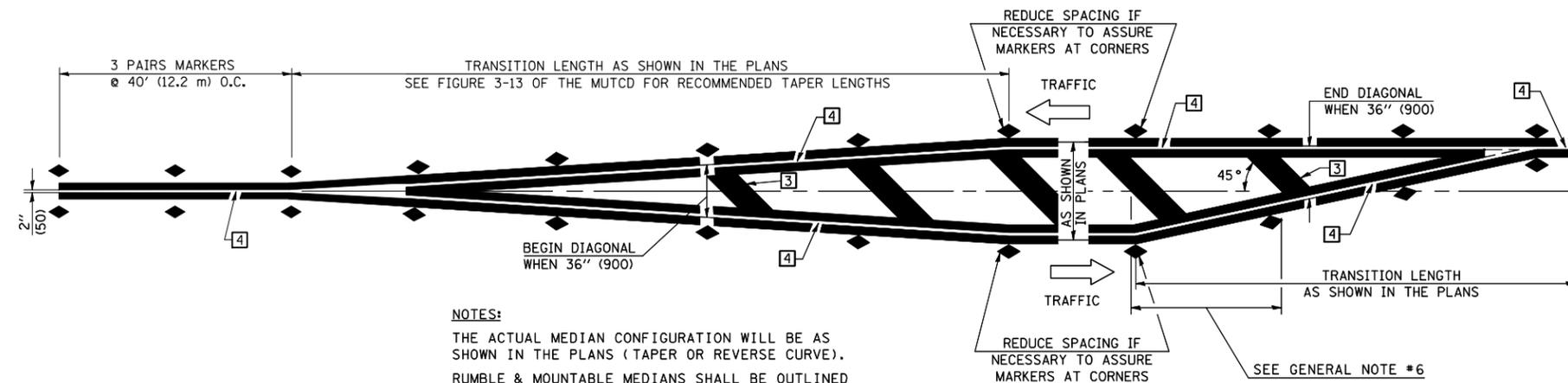
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	PLOT DATE = 1/25/2011	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 19	40PT	DOUGLAS	25	23
CONTRACT NO. 70875				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

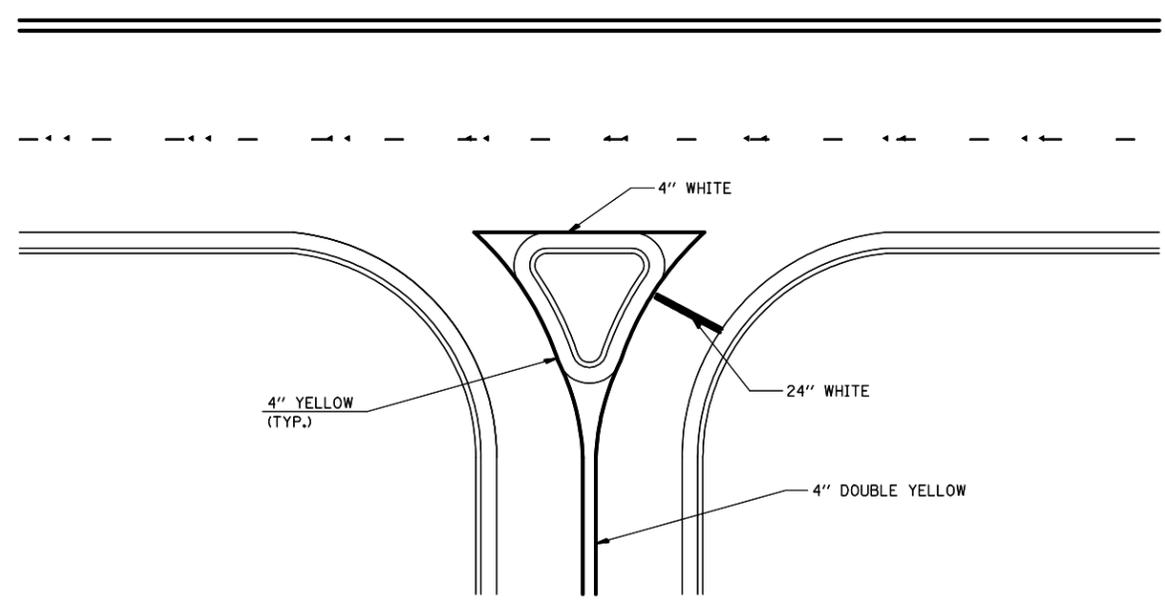


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

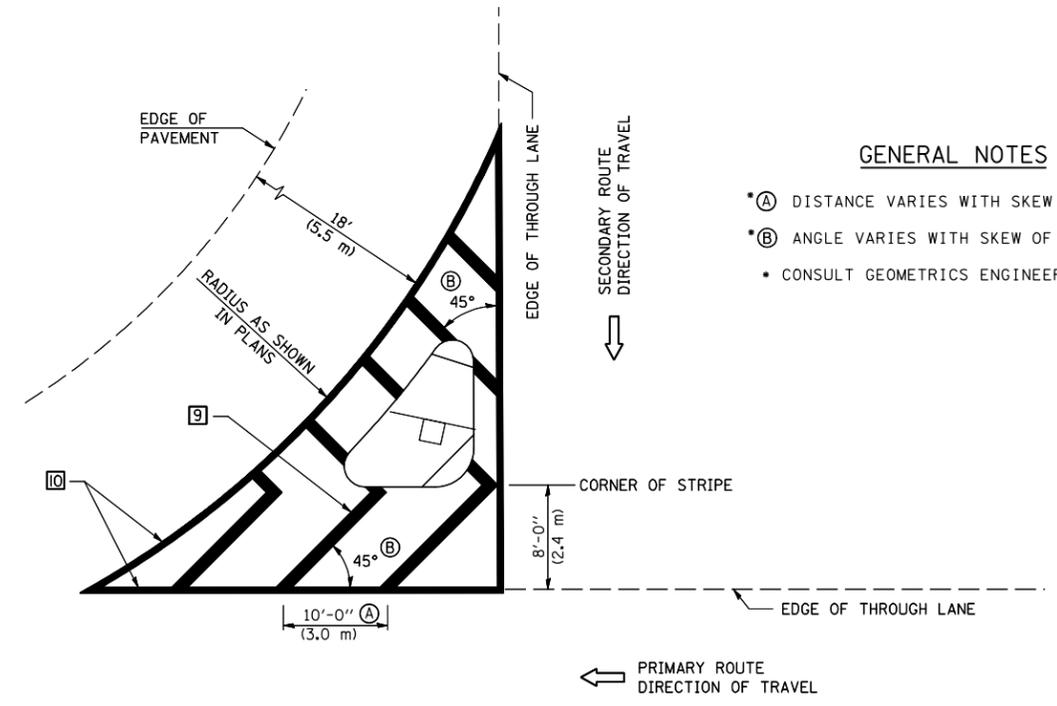
TYPICAL MEDIAN TRANSITIONS

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)



RIGHT IN - RIGHT OUT ACCESS



ISLAND

GENERAL NOTES

- * (A) DISTANCE VARIES WITH SKEW OF INTERSECTION.
- * (B) ANGLE VARIES WITH SKEW OF INTERSECTION.
- CONSULT GEOMETRICS ENGINEER

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

FILE NAME =	USER NAME = hennessdm	DESIGNED -	REVISED - 11/06
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	PLOT DATE = 1/25/2011	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

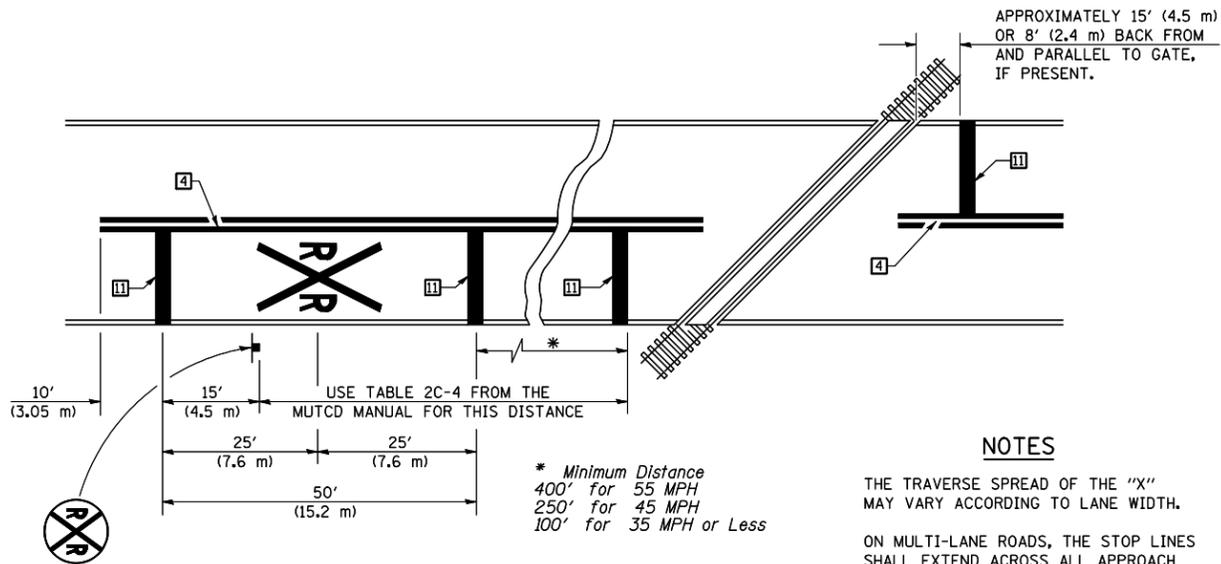
SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 19	40PT	DOUGLAS	25	24
CONTRACT NO. 70875				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

NOTES

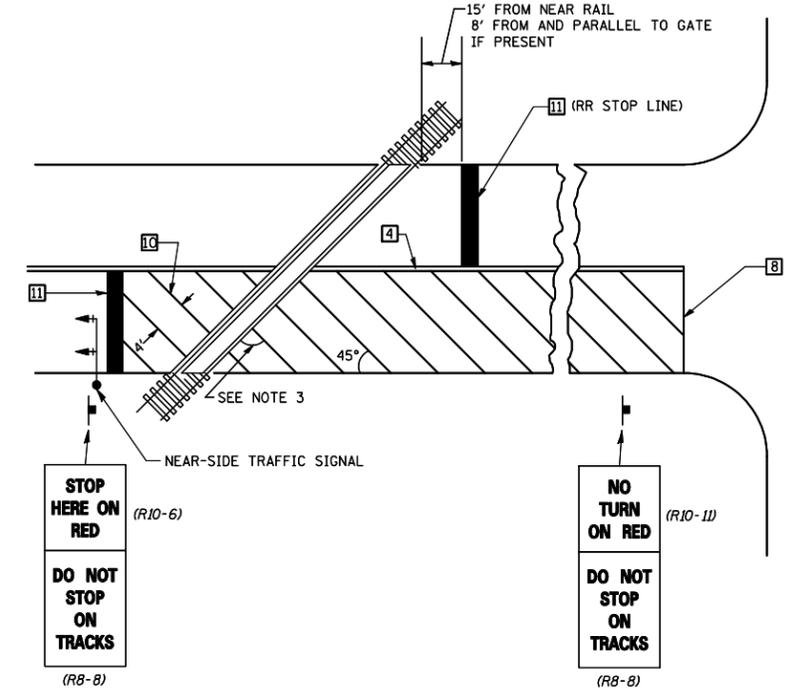
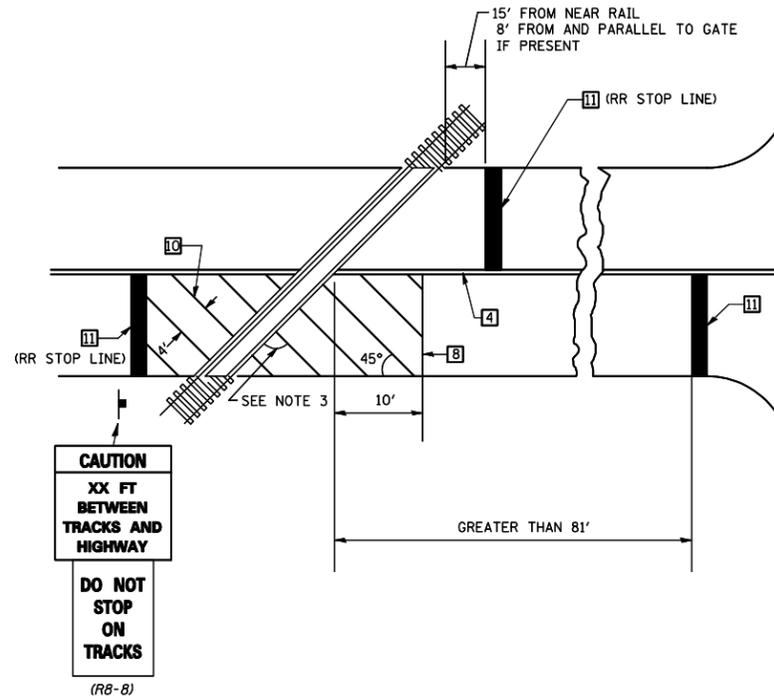
APPROXIMATELY 15' (4.5 m) OR 8' (2.4 m) BACK FROM AND PARALLEL TO GATE, IF PRESENT.

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.

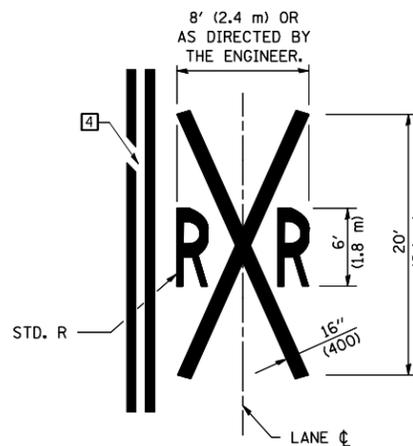
* Minimum Distance
400' for 55 MPH
250' for 45 MPH
100' for 35 MPH or Less



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

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.
- WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.



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

DISTRICT 5 DETAIL NO. 7800AAAA

FILE NAME =	USER NAME = hennessdm	DESIGNED -	REVISED - 11/06
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	PLOT DATE = 1/25/2011	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 19	40PT	DOUGLAS	25	25
CONTRACT NO. 70875				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				