GENERAL NOTES

THE CONTRACTOR SHALL CONTACT JULIE (1–800–892–0123) BEFORE COMMENCING WORK. UNDERGROUND AND VISIBLE OVERHEAD UTILITIES SHOWN ON THE PLAN SHEETS WERE OBTAINED FROM LOCAL UTILITY COMPANIES AND OTHER AVAILABLE SOURCES. LOCATIONS, SIZE, MATERIAL, DESCRIPTION, OR TYPE OF EXISTING UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT, OR COMPLETE AND SHALL BE CONSIDERED APPROXIMATE. ABOVE GROUND UTILITY LOCATIONS ARE SHOWN AS FOUND DURING THE INITIAL SURVEY FIELD WORK AND MAY NOT REFLECT CURRENT CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OR HER OWN DETERMINATION AS TO THE TYPE, LOCATION, AND DEPTH OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND COORDINATION WITH UTILITY COMPANIES.

THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE RICHLAND COUNTY HIGHWAY DEPARTMENT.

THE FOLLOWING RATES HAVE BEEN USED TO CALCULATE PLAN QUANTITIES:

BITUMINOUS MATERIALS (HFRS–2P)	2.92 LB/SY=(0.35 GAL/SY)*(8.35 LB/GAL)
SEAL COAT AGGREGATE	25 POUNDS/SQ YD
AGGREGATE SURFACE COURSE, TYPE–B	2.0 TONS/CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.25 POUNDS/SQ FT
BITUMINOUS MATERIALS (TACK COAT ON SOIL–CEMENT)	0.05 POUNDS/SQ FT
BITUMINOUS MATERIALS (TACK COAT ON NEW H.M.A.)	0.025 POUNDS/SQ FT
HOT–MIX ASPHALT	112.0 POUNDS/SQ YD/INCH THICKNESS
AGGREGATE WEDGE SHOULDER, TYPE–B	2.0 TONS/CU YD

SCHEDULE OF KNOWN UTILITIES

DESIGN STAGE JULIE NO. A2793974
JULIE NO. A220701181

UTILITY COMPANY	TYPE	CONTACT NAME	PHONE NUMBER	E–MAIL ADDRESS	MAILING ADDRESS
AMEREN ILLINOIS	ELECTRIC	NATE HILL	618–301–5327	nhill2@ameren.com	#6 EXECUTIVE DRIVE, COLLINSVILLE, IL 62234
NORRIS ELECTRIC CO–OP	ELECTRIC	TIM HUBER	618–783–8765	thuber@norriselectric.com	8543 N. IL. 130, NEWTON, IL 62448
FRONTIER COMMUNICATIONS	COMMUNICATIONS	BRIAN VANGUNDY	618–395–6189	brian.vangundy@ftr.com	225 E. CHESTNUT ST, OLNEY, IL 62450
ILLINOIS GAS COMPANY	GAS	JORDAN KOCHER, P.E.	618–395–8588	jkocher@ilgas.com	1927 MILLER DRIVE, OLNEY, IL 62450
SPARKLIGHT	COMMUNICATIONS	JOEL HARRELSON	618–383–2650	joel.harrelson@sparklight.biz	113 W 9TH ST, MT. CARMEL, IL 62863
WEST LIBERTY–DUNDAS WATER DISTRICT	WATER LINE	ERIC MAY	618–754–3576	eric@ericsaccounting.com	
WEST LIBERTY–DUNDAS WATER DISTRICT	SEWER LINE	ERIC MAY	618–754–3576	eric@ericsaccounting.com	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
LR403400	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	TON	24.5	
LR403600	SEAL COAT AGGREGATE	TON	211	
X0326440	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SQ YD	9,870	1
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	
Z0055300	RUMBLE STRIP	EACH	2	
35200410	PROCESSING SOIL-CEMENT BASE COURSE 10"	SQ YD	16,468	
35200500	CEMENT	100 WT	13,030	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	111	1
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	20	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	10,050	
40600990	TEMPORARY RAMP	SQ YD	2,160	1
40604152	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	2,252	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	125	
67100100	MOBILIZATION	L SUM	1	

SUMMARY OF BITUMINOUS MATERIALS (TACK COAT)

LOCATION	QUANTITY (POUNDS)
MAINLINE	8,685
SIDE ROADS	1,365
TOTAL BITUMINOUS MATERIAL (TACK COAT) =	10,050

SUMMARY OF TEMPORARY RAMPS

LOCATION	QUANTITY (SQ YD)
MAINLINE BUTT JOINT, STA. 0+14.60	150
MAINLINE TRANSITION, STA. 16+00.00	42
MAINLINE TRANSITION, STA. 40+00.00	27
MAINLINE, STA. 43+00.00	70
SIDE ROADS	1,871
TOTAL TEMPORARY RAMP =	2,160

1

SUMMARY OF HOT-MIX ASPHALT

OPERATION	QUANTITY (TONS)
MAINLINE PAVING	2,170
SIDEROADS AND PRIVATE ENTRANCES	76
MAILBOX TURNOUTS	6
TOTAL HMA SURFACE COURSE =	2,252

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

APPLICATION	PERFORMANCE GRADE	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	MIXTURE UNIT WEIGHT	QUALITY MANAGEMENT PROGRAM
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	PG 70-22	4% @ N=70 Gyrations	IL - 9.5	MIXTURE "C"	112 LB/SQ YD/IN	QC/QA

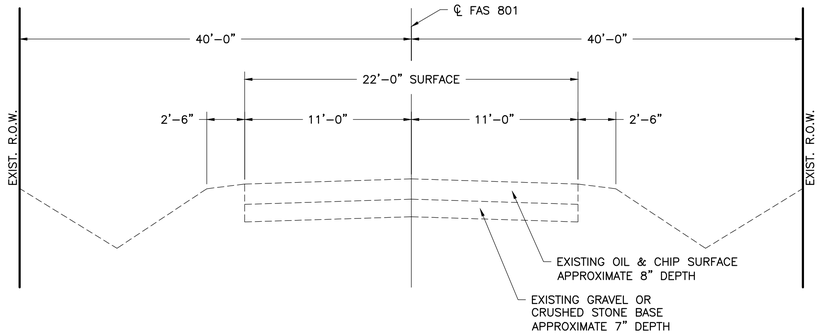
CHARLESTON ENGINEERING, INC.
CONSULTING ENGINEERS - LAND SURVEYORS
105 NORTH KITCHELL AVENUE OLNEY, ILLINOIS 62450
P.O. BOX 397 (618) 392-0736
ILLINOIS DEPARTMENT OF PROFESSIONAL REGULATION REGISTRATION #184.003513

DESIGNED – BMB	REVISED – 7–19–2022 1
DRAWN – BMB	REVISED –
CHECKED – BMB	REVISED –
DATE – 1–2022	REVISED –

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

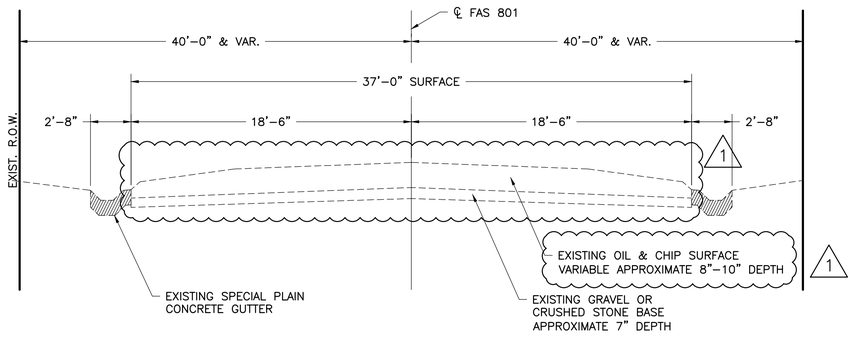
SUMMARY OF QUANTITIES AND GENERAL NOTES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 801	21–00128–00–FP	RICHLAND	11	2
CONTRACT 95925		ILLINOIS	PROJECT SDE2(930)	



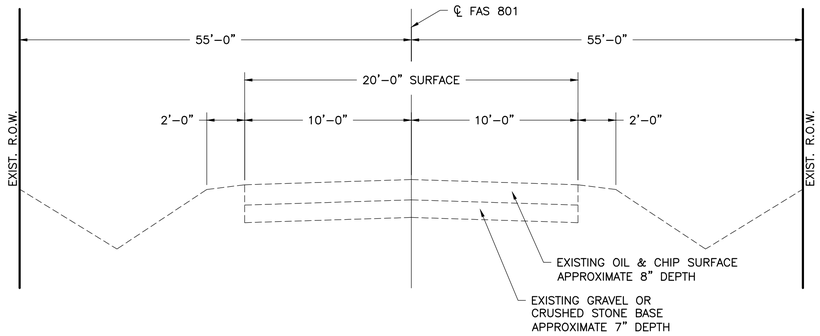
EXISTING TYPICAL SECTION

STA. 0+14.6 TO 16+00



EXISTING TYPICAL SECTION

STA. 16+00 TO 40+00



EXISTING TYPICAL SECTION

STA. 40+00 TO 43+00

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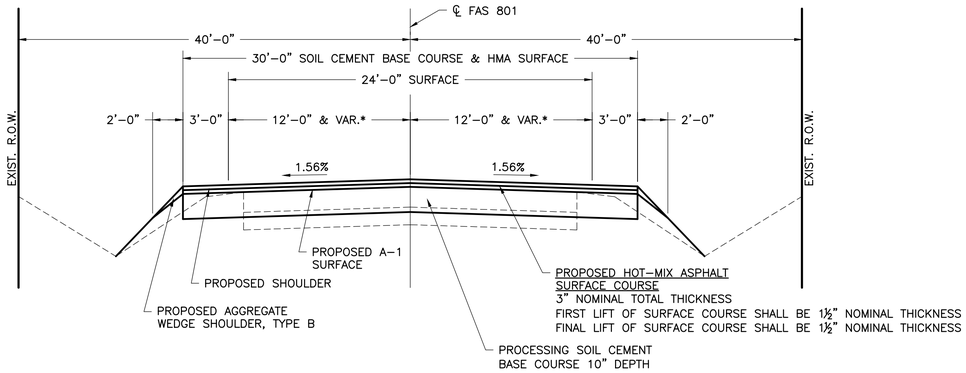
DEPARTMENT OF TRANSPORTATION

EXISTING ROADWAY TYPICAL SECTIONS

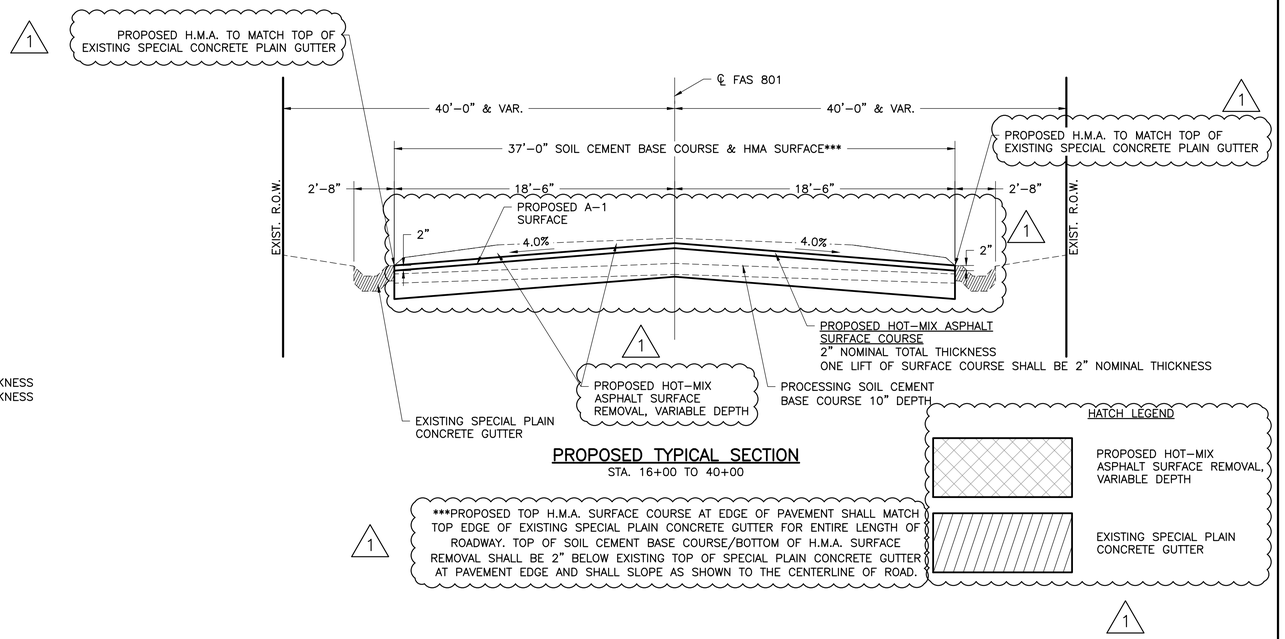
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 801	21–00128–00–FP	RICHLAND	11	3
CONTRACT 95925		ILLINOIS	PROJECT SDE2(930)	



PROPOSED TYPICAL SECTION

STA. 0+14.6 TO 2+88

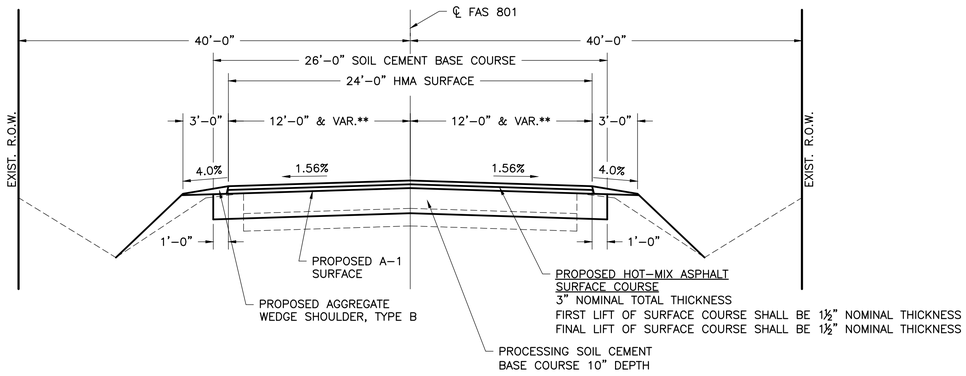
*VARIABLE LANE WIDTH AT INTERSECTION OF FAS 801 AND ILLINOIS ROUTE 130 – STA. 0+14.6 TO STA. 0+40.



PROPOSED TYPICAL SECTION

STA. 16+00 TO 40+00

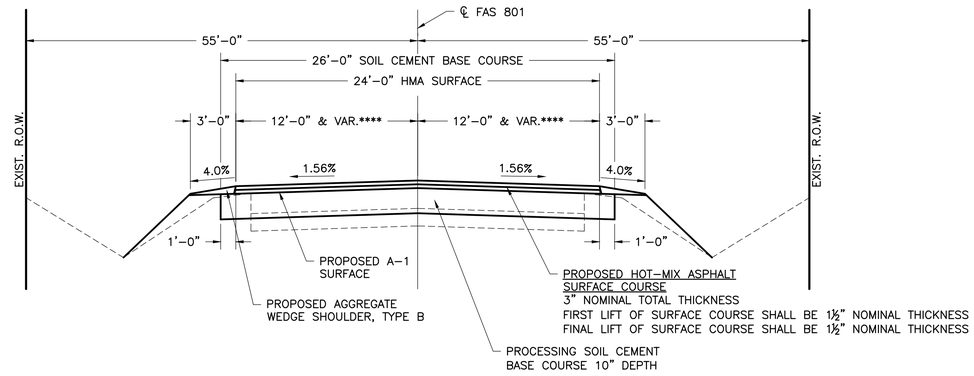
1 ***PROPOSED TOP H.M.A. SURFACE COURSE AT EDGE OF PAVEMENT SHALL MATCH TOP EDGE OF EXISTING SPECIAL PLAIN CONCRETE GUTTER FOR ENTIRE LENGTH OF ROADWAY. TOP OF SOIL CEMENT BASE COURSE/BOTTOM OF H.M.A. SURFACE REMOVAL SHALL BE 2" BELOW EXISTING TOP OF SPECIAL PLAIN CONCRETE GUTTER AT PAVEMENT EDGE AND SHALL SLOPE AS SHOWN TO THE CENTERLINE OF ROAD.



PROPOSED TYPICAL SECTION

STA. 2+88 TO 16+00

**VARIABLE LANE WIDTH AT TRANSITION TO URBAN SECTION – TRANSITION FROM 24' WIDE HMA SURFACE AT STA. 15+75 TO 37' WIDE HMA SURFACE AT STA. 16+00. SEE SHEET 10 FOR "H.M.A. TRANSITION DETAIL" FOR THICKNESS TRANSITION.



PROPOSED TYPICAL SECTION

STA. 40+00 TO 43+00

****VARIABLE LANE WIDTH AT TRANSITION TO RURAL SECTION – TRANSITION FROM 37' WIDE HMA SURFACE AT STA. 40+00 TO 24' WIDE HMA SURFACE AT STA. 40+50. SEE SHEET 10 FOR "H.M.A. TRANSITION DETAIL" FOR THICKNESS TRANSITION.

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PROPOSED ROADWAY TYPICAL SECTIONS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 801	21–00128–00–FP	RICHLAND	11	4
CONTRACT 95925		ILLINOIS	PROJECT SDE2(930)	

ROADWAY BASE COURSE AND PAVING SCHEDULE (MAINLINE)

PAVEMENT STRUCTURE			SURFACE REM., VAR. DEPTH (SPL)			BASE COURSE						A-1 SURFACE		PAVING										
CODE NUMBER			X0326440					35200410	35200500			LR403400	LR403600				40600990			40600290	40604152		Z0055300	48102100
STATION TO STATION			SURFACE REMOVAL, VAR. DEPTH (SPL)-LENGTH	SURFACE REMOVAL, VAR. DEPTH (SPL)-WIDTH	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	LENGTH	SOIL-CEMENT BASE COURSE WIDTH	PROCESSING SOIL-CEMENT BASE COURSE 10"	MAX. LAB DRY SOIL UNIT WEIGHT	CEMENT		BITUMINOUS MATERIALS (COVER AND SEAL COATS)	SEAL COAT AGGREGATE	HMA PAVEMENT WIDTH	HMA PAVEMENT AREA	HMA SURFACE REMOVAL, BUTT JOINT - FOR INFORMATION ONLY	TEMPORARY RAMP (MAINLINE, AFTER HMA SURF REM., BUTT JT.)	TEMPORARY RAMP (MAINLINE, AFTER FIRST HMA LIFT)	TOTAL TEMPORARY RAMP (MAINLINE)	BITUMINOUS MATERIALS (TACK COAT)	TOTAL HMA SURFACE COURSE DEPTH	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	RUMBLE STRIP	AGGREGATE WEDGE SHOULDER, TYPE B
			(FT)	(FT)	(SQ YD)	(FEET)	(FEET)	(SQ YD)	(PCF)	(% MASS)	(HWT)	(TON)	(TON)	(FEET)	(SQ YD)	(SQ YD)	(SQ YD)				(POUND)	(IN)	(TON)	(EACH)	(TON)
14.6	to	40	-	-	-	25	30 & VAR.	1,070			850	1.6	14	30 & VAR.	1,070	179	90	60	150	725	3	180	0	3
40	to	288	-	-	-	248	30	827			660	1.3	11	30	827	0	0	0	0	560	3	140	0	10
288	to	1575	-	-	-	1,287	26	3,718			2,940	5.5	47	24	3,432	0	0	0	0	2,320	3	580	2	86
1575	to	1600	-	-	-	25	26 TO 37	88	132	8%	70	0.2	2	24 TO 37	85	41	0	42	42	60	3	15	0	3
1600	to	4000	2,400	37	9,870	2,400	37	9,867			7,790	14.5	124	37	9,867	0	0	0	0	4,445	2	1110	0	0
4000	to	4050	-	-	-	50	37 TO 26	175			140	0.3	3	37 TO 24	170	27	0	27	27	120	3	30	0	5
4050	to	4300	-	-	-	250	26	723			580	1.1	10	24	667	122	40	30	70	455	3	115	0	18
TOTALS =					**9,870**			**16,468**			**13,030**	**24.5**	**211**			**369**	**130**	**159**	**289**	**8,685**		**2170**	**2**	**125**

ENTRANCES AND SIDE ROADS SCHEDULE

CODE NUMBER				40600290	40600275	40604152	40600990								40200800				
STATION	LOCATION	TYPE	PROPOSED SURFACE MATERIAL	BITUMINOUS MATERIALS (TACK COAT)	BITUMINOUS MATERIALS (PRIME COAT)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "C", N70	TEMPORARY RAMP (AFTER SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL) AND HMA SURFACE REMOVAL, VAR. DEPTH)	TAPER LENGTH (AFTER SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL) AND HMA SURFACE REMOVAL, VAR. DEPTH)	TEMPORARY RAMP (AFTER FIRST HMA LIFT)	TAPER LENGTH (AFTER FIRST HMA LIFT)	TEMPORARY RAMP (AFTER FINAL HMA LIFT)	TAPER LENGTH (AFTER FINAL HMA LIFT)	TOTAL TEMPORARY RAMP, SIDE ROADS AND ENTRANCES	HMA SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL) - FOR INFORMATION ONLY	AGGREGATE SURFACE COURSE, TYPE-B	WIDTH AT EP	WIDTH AT BACK	FINAL DISTANCE BACK FROM EP	RADIUS / FLARE
				(POUND)	(POUND)	(TONS)	(SQ YD)	(FT)	(SQ YD)	(FT)	(SQ YD)	(FT)	(SQ YD)	(SQ YD)	(TONS)	(FEET)	(FEET)	(FEET)	(FEET)
1+72	RT	PE	AGG.	-	-	-	-	-	-	-	-	-	-	-	1.5	20	12	8	4 ' FLARE
2+45	RT	PE	AGG.	-	-	-	-	-	-	-	-	-	-	-	1.5	24	16	8	4 ' FLARE
3+20	RT	FE	AGG.	-	-	-	-	-	-	-	-	-	-	-	1.5	20	12	8	4 ' FLARE
9+24	LT	PE	AGG.	-	-	-	-	-	-	-	-	-	-	-	3.5	48	40	8	4 ' FLARE
12+73	RT	PE	AGG.	-	-	-	-	-	-	-	-	-	-	-	2.5	32	24	8	4 ' FLARE
13+34	RT	SIDE ROAD	HMA	155	20	12	0	0	37	6	62	10	99	67.9	-	55	15	30	20/20
13+63	LT	PE	AGG.	-	-	-	-	-	-	-	-	-	-	-	2.5	40	24	8	8 ' FLARE
15+61	LT	PE	AGG.	-	-	-	-	-	-	-	-	-	-	-	1.5	20	12	8	4 ' FLARE
16+93	LT	SIDE ROAD	HMA	65	0	4	105	7	0	-	0	-	105	28.4	-	45	16	11	15/15
16+96	RT	PE	AGG.	-	-	-	32	7	0	-	0	-	32	-	2.5	20	12	8	4 ' FLARE
17+37	RT	PE	AGG.	-	-	-	35	7	0	-	0	-	35	-	3.0	22	14	8	4 ' FLARE
17+70	LT	PE	AGG.	-	-	-	32	7	0	-	0	-	32	-	2.5	20	12	8	4 ' FLARE
18+41	LT	PE	AGG.	-	-	-	52	7	0	-	0	-	52	-	4.5	33	25	8	4 ' FLARE
18+83	LT	PE	AGG.	-	-	-	44	7	0	-	0	-	44	-	4.0	28	20	8	4 ' FLARE
19+89	LT	SIDE ROAD	HMA	90	0	5	105	7	0	-	0	-	105	39.6	-	45	15	17	15/15
21+00	LT	PE	AGG.	-	-	-	32	7	0	-	0	-	32	-	2.5	20	12	8	4 ' FLARE
22+31	LT	PE	AGG.	-	-	-	35	7	0	-	0	-	35	-	3.0	22	14	8	4 ' FLARE
22+83	LT	SIDE ROAD	HMA	95	0	5	87	7	0	-	0	-	87	41.2	-	37	18	19	10/10
23+53	RT	PE	HMA & AGG.	15	-	1	32	7	0	-	0	-	32	-	2.5	20	12	8	4 ' FLARE
23+80	LT	PE	AGG.	-	-	-	28	7	0	-	0	-	28	-	2.5	18	14	8	2 ' FLARE
23+90	RT	PE	AGG.	-	-	-	66	7	0	-	0	-	66	-	6.0	42	34	8	4 ' FLARE
24+68	RT	PE	AGG.	-	-	-	36	7	0	-	0	-	36	-	3.0	23	15	8	4 ' FLARE
25+70	RT	PE	HMA & AGG.	5	-	1	24	7	0	-	0	-	24	1.6	1.0	15	15	8	0 ' FLARE
25+95	LT	SIDE ROAD	HMA	35	0	2	47	7	0	-	0	-	47	15.6	-	20	10	13	5/5
26+57	RT	PE	AGG.	-	-	-	19	7	0	-	0	-	19	-	2.0	12	12	8	0 ' FLARE
27+35	LT	SIDE ROAD	HMA	320	0	16	189	7	0	-	0	-	189	141.2	-	81	32	29	20/20
27+62	RT	PE	AGG.	-	-	-	22	7	0	-	0	-	22	-	2.5	14	14	8	0 ' FLARE
28+22	LT	PE	AGG.	-	-	-	81	7	0	-	0	-	81	-	7.5	52	44	8	4 ' FLARE
30+40	LT	SIDE ROAD	HMA	240	0	12	164	7	0	-	0	-	164	106.7	-	70	18	28	20/20
30+40	RT	SIDE ROAD	HMA	225	0	12	164	7	0	-	0	-	164	98.9	-	70	30	20	20/20
31+60	RT	PE	AGG.	-	-	-	22	7	0	-	0	-	22	-	2.5	14	14	8	0 ' FLARE
31+85	RT	PE	AGG.	-	-	-	25	7	0	-	0	-	25	-	2.5	16	16	8	0 ' FLARE
35+01	RT	SIDE ROAD	HMA	120	0	6	56	7	0	-	0	-	56	53.4	-	24	20	24	4 ' FLARE
36+69	LT	PE	AGG.	-	-	-	44	7	0	-	0	-	44	-	4.0	28	20	8	4 ' FLARE
37+28	RT	PE	AGG.	-	-	-	53	7	0	-	0	-	53	-	4.5	34	26	8	4 ' FLARE
38+20	LT	PE	AGG.	-	-	-	32	7	0	-	0	-	32	-	2.5	20	12	8	4 ' FLARE
38+94	LT	PE	AGG.	-	-	-	35	7	0	-	0	-	35	-	3.0	22	14	8	4 ' FLARE
39+26	RT	PE	AGG.	-	-	-	46	7	0	-	0	-	46	-	4.0	29	21	8	4 ' FLARE
39+80	LT	PE	AGG.	-	-	-	28	7	0	-	0	-	28	-	2.5	18	10	8	4 ' FLARE
40+25	LT	PE	AGG.	-	-	-	0	0	-	-	-	-	-	-	2.0	19	11	12	4 ' FLARE
40+69	LT	PE	AGG.	-	-	-	0	0	-	-	-	-	-	-	2.0	27	19	8	4 ' FLARE
40+69	RT	PE	AGG.	-	-	-	0	0	-	-	-	-	-	-	18.0	142	134	14	4 ' FLARE
TOTALS =				**1365**	**20**	**76**	**1772**		**37**		**62**		**1871**	**594.5**	**111.0**				

MAILBOX TURNOUT SCHEDULE		
STATION	LOCATION	TONS H.M.A.
9+78	LT	3.0
40+45	LT	3.0
	TOTAL	6.0

NOTE

HOT-MIX ASPHALT AT MAILBOX TURNOUT LOCATIONS PAID FOR AS POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70

SCHEDULE OF EXISTING STORM SEWER DRAINAGE STRUCTURES

NO.	STA.	SIDE	ITEM	GRATE	INVERT	TOP ELEV.
1	25+86	LT	SPECIAL CATCH BASINS, TYPE 1 WITH TYPE 3 GRATE	475.79	473.34	-
2	25+84	RT	SPECIAL CATCH BASINS, TYPE 1 WITH TYPE 3 GRATE	475.99	473.41	-
3	26+95	LT	SPECIAL CATCH BASINS, TYPE 1 WITH TYPE 3 GRATE	475.51	473.99	-
4	27+73	LT	SPECIAL CATCH BASINS, TYPE 1 WITH TYPE 3 GRATE	474.58	472.53	-
5	27+91	RT	MANHOLES, TYPE A-1-C, 3' DIAMETER	-	471.71	474.92
6	30+16	RT	MANHOLES, TYPE A-1-C, 3' DIAMETER	-	469.42	472.57
7	30+03	RT	SPECIAL CATCH BASINS, TYPE 1 WITH TYPE 3 GRATE	472.00	470.28	-
8	30+03	LT	SPECIAL CATCH BASINS, TYPE 1 WITH TYPE 3 GRATE	471.94	470.14	-
9	30+87	RT	MANHOLES, TYPE A-1-C, 3' DIAMETER	-	468.77	472.28
10	30+79	RT	SPECIAL CATCH BASINS, TYPE 1 WITH TYPE 3 GRATE	471.01	469.18	-
11	30+79	LT	SPECIAL CATCH BASINS, TYPE 1 WITH TYPE 3 GRATE	471.50	470.04	-
12	34+47	LT	SPECIAL CATCH BASINS, TYPE 2	466.04	463.14	-
13	34+69	RT	SPECIAL CATCH BASINS, TYPE 2	466.04	462.99	-
14	34+72	RT	MANHOLES, TYPE A-1-C, 3' DIAMETER	-	462.91	466.56

SCHEDULE OF EXISTING STORM SEWER PIPES

LOCATION			SIDE	MATERIAL	TY-1, 12"	TY-1, 15"	TY-1, 18"	TY-1, 24"	TY-1, 30"
1	TO	2	A.R.	RCCP			X		
3	TO	5	A.R.	RCCP	X				
4	TO	5	A.R.	RCCP	X				
5	TO	6	RT	RCCP		X			
7	TO	6	RT	RCCP	X				
8	TO	6	A.R.	RCCP	X				
6	TO	9	RT	RCCP			X		
10	TO	9	RT	RCCP	X				
11	TO	9	A.R.	RCCP	X				
9	TO	14	RT	RCCP			X		
12	TO	13	A.R.	RCCP				X	
13	TO	14	RT	RCCP				X	
14	TO	15	RT	RCCP					X

NOTES

LOCATIONS, SIZE, MATERIAL, DESCRIPTION, OR TYPE OF EXISTING STORM SEWERS INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT, OR COMPLETE AND SHALL BE CONSIDERED APPROXIMATE. EXISTING STORM SEWER INFORMATION WAS OBTAINED FROM ORIGINAL CONSTRUCTION PLANS FOR SEC. 100G AND SEC 100B – F.A.S. PROJECT 562B, AND ELEVATIONS OF DRAINAGE STRUCTURES SHOWN WERE FIELD MEASURED, BUT SHALL STILL BE CONSIDERED APPROXIMATE. DEPTHS OF EXISTING STORM SEWER PIPES BETWEEN DRAINAGE STRUCTURES WERE NOT OBTAINED AND SHALL BE VERIFIED BY THE CONTRACTOR. THE CONTRACTOR IS STILL RESPONSIBLE FOR MAKING HIS OR HER OWN DETERMINATION AS TO THE TYPE, LOCATION, AND DEPTH OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR OR REPLACE AT HIS OR HER OWN EXPENSE, OR BEAR THE COST, TO REPAIR OR REPLACE ALL STORM SEWERS WHICH HAVE BEEN DAMAGED THROUGH HIS OR HER OWN NEGLIGENCE.

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CONSULTING ENGINEERS - LAND SURVEYORS
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P.O. BOX 397 (618) 392-0736
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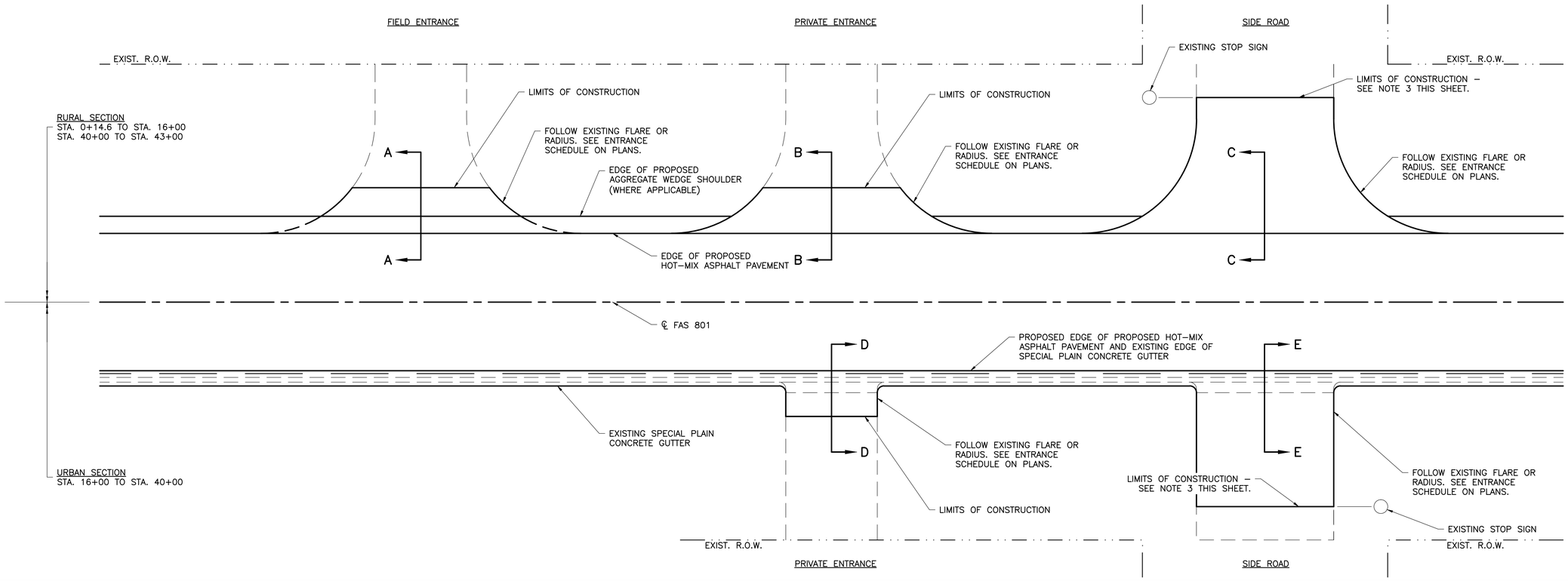
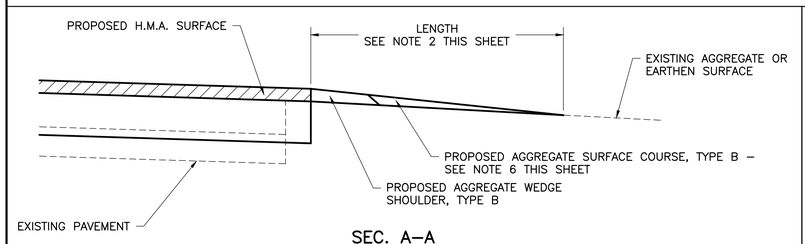
DEPARTMENT OF TRANSPORTATION

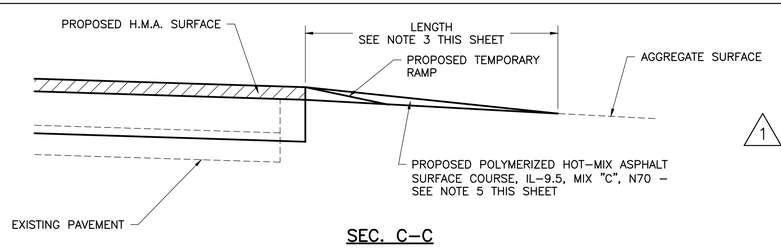
SCHEDULES OF PROPOSED QUANTITIES AND EXISTING STORM SEWERS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 801	21–00128–00–FP	RICHLAND	11	5
CONTRACT 95925		ILLINOIS	PROJECT SDE2(930)	

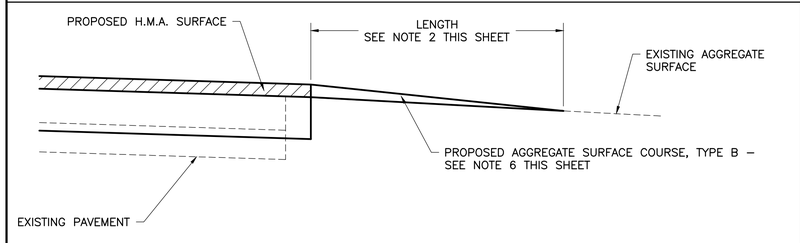




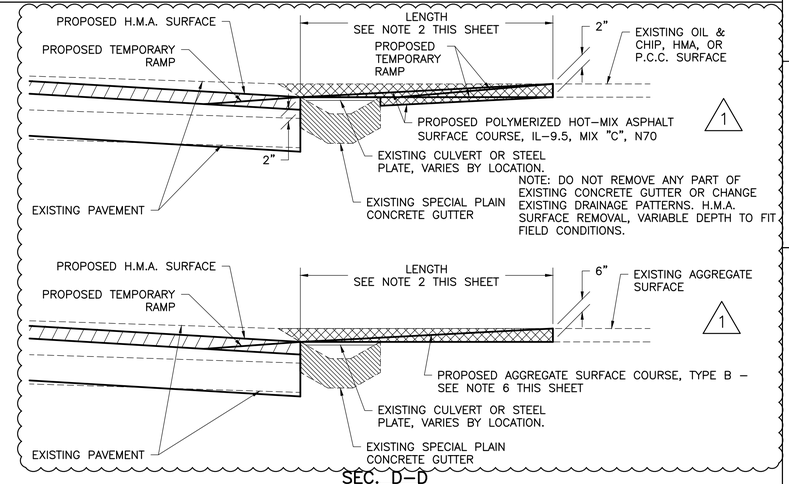
SEC. A–A



SEC. C–C



SEC. B–B



SEC. D–D

NOTES

1. MATCH EXISTING DIMENSIONS OF ALL FIELD ENTRANCES, PRIVATE ENTRANCES, AND SIDE ROADS. WIDTHS AND RADII SHOWN ON ENTRANCES AND SIDE ROADS SCHEDULE ON THE PLAN SHEET 5 SHOWN AS A BASIS FOR ESTIMATING QUANTITIES.
2. FINAL LENGTH = 8 FEET UNLESS OTHERWISE NOTED ON PLANS. SEE ENTRANCE AND SIDE ROADS SCHEDULE ON PLAN SHEET 5 FOR DISTANCES.
3. FINAL LENGTH TO EXTEND PERPENDICULAR WITH EXISTING STOP SIGN LOCATION. SEE ENTRANCE AND SIDE ROADS SCHEDULE ON PLAN SHEET 5 FOR FINAL DISTANCES AND TEMPORARY RAMP QUANTITIES AND DIMENSIONS.
4. ALL "H.M.A. SURFACE REMOVAL, VARIABLE DEPTH" OF EXISTING OIL & CHIP, HOT–MIX ASPHALT, PORTLAND CEMENT CONCRETE, OR AGGREGATE SIDE ROAD OR ENTRANCE SURFACES SHALL BE INCIDENTAL TO ITEM POLYMERIZED HOT–MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "C", N70. SEE "POLYMERIZED HOT–MIX ASPHALT SURFACE COURSE, IL–9.5, MIX "C", N70 SPECIAL PROVISIONS.
5. BITUMINOUS MATERIALS (PRIME COAT) SHALL BE APPLIED ON ALL EXISTING AGGREGATE SURFACES THAT WILL HAVE HOT–MIX ASPHALT OVERLAY. BITUMINOUS MATERIALS (TACK COAT) SHALL BE APPLIED ON ALL MILLED OIL & CHIP, HMA, OR CONCRETE SURFACES THAT WILL HAVE HOT–MIX ASPHALT OVERLAY.
6. PLACE PROPOSED AGGREGATE SURFACE COURSE, TYPE B IMMEDIATELY AFTER EACH LIFT OF H.M.A. TO PROVIDE PERMANENT AGGREGATE RAMP FOR ENTRANCES. THE DEPTH SHALL BE THE H.M.A. THICKNESS OF THE RESPECTIVE LIFT FEATHERED TO ZERO DEPTH AT A MAXIMUM RATE OF 1V:40H. THE LENGTH "L" OF AGGREGATE RAMPS SHALL BE AS FOLLOWS:

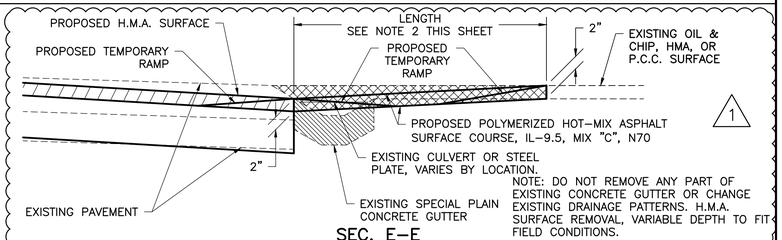
AGGREGATE PLACEMENT AFTER:	STA. 0+14.60 TO 16+00 STA. 40+00 TO 43+00	STA. 16+00 TO 40+00
FIRST LIFT OF SURFACE COURSE	5 FT	–
FINAL LIFT OF SURFACE COURSE	8 FT	8 FT

HATCH LEGEND

PROPOSED H.M.A. SURFACE REMOVAL, VARIABLE DEPTH – SEE NOTE 4 THIS SHEET

EXISTING SPECIAL PLAIN CONCRETE GUTTER

PROPOSED H.M.A. MAINLINE SURFACE COURSE



SEC. E–E

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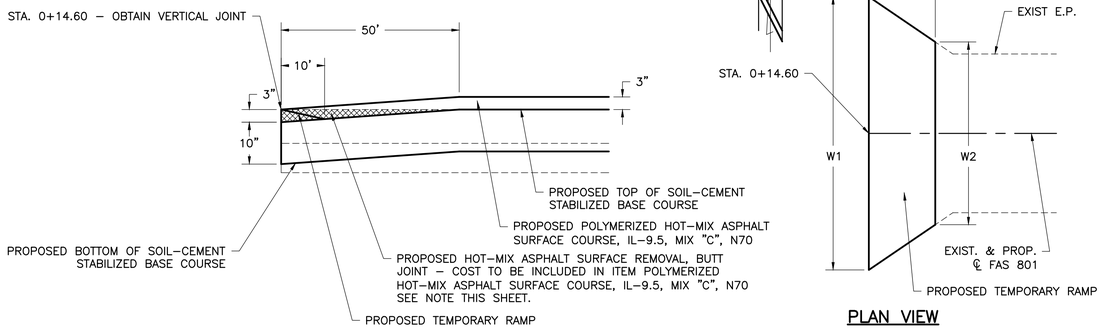
DEPARTMENT OF TRANSPORTATION

ENTRANCE DETAILS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 801	21–00128–00–FP	RICHLAND	11	9
CONTRACT 95925		ILLINOIS	PROJECT SDE2(930)	



SECTION VIEW

PLAN VIEW

HATCH LEGEND

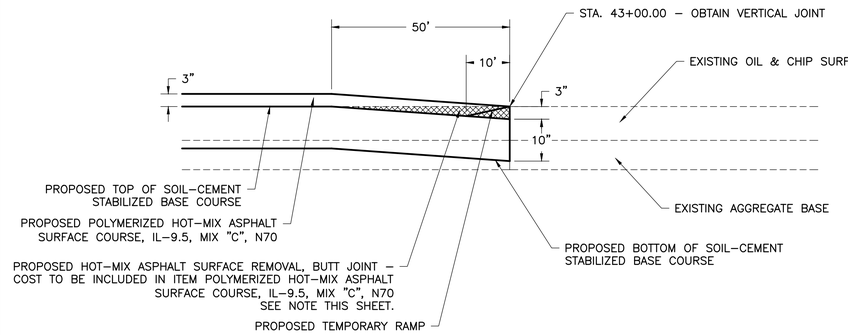
PROPOSED HMA SURFACE REMOVAL, BUTT JOINT – SEE NOTE THIS SHEET

TEMPORARY RAMP	RAMP LENGTH(FT)	W1(FT)	W2(FT)	SQ YD
AFTER 3" BUTT JOINT REMOVAL	15	68	35	90
AFTER FIRST 1½" S.C. LIFT	10	68	40	60
				TOTAL 150 SQ YD

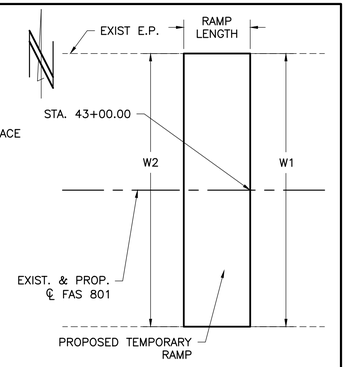
NOTE

ALL PROPOSED HOT–MIX ASPHALT SURFACE, BUTT JOINT SHALL BE INCIDENTAL TO ITEM POLYMERIZED HOT–MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "C", N70. SEE "POLYMERIZED HOT–MIX ASPHALT SURFACE COURSE, IL–9.5, MIX "C", N70 SPECIAL PROVISIONS.

BUTT JOINT DETAIL
STA. 0+14.60
NOT TO SCALE



SECTION VIEW



PLAN VIEW

HATCH LEGEND

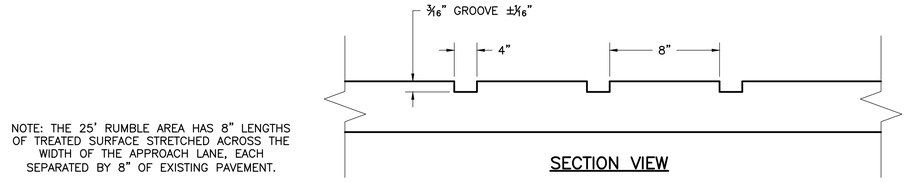
PROPOSED HMA SURFACE REMOVAL, BUTT JOINT – SEE NOTE THIS SHEET

TEMPORARY RAMP	RAMP LENGTH(FT)	W1(FT)	W2(FT)	SQ YD
AFTER 3" BUTT JOINT REMOVAL	15	24	24	40
AFTER FIRST 1½" S.C. LIFT	10	24	24	30
				TOTAL 70 SQ YD

NOTE

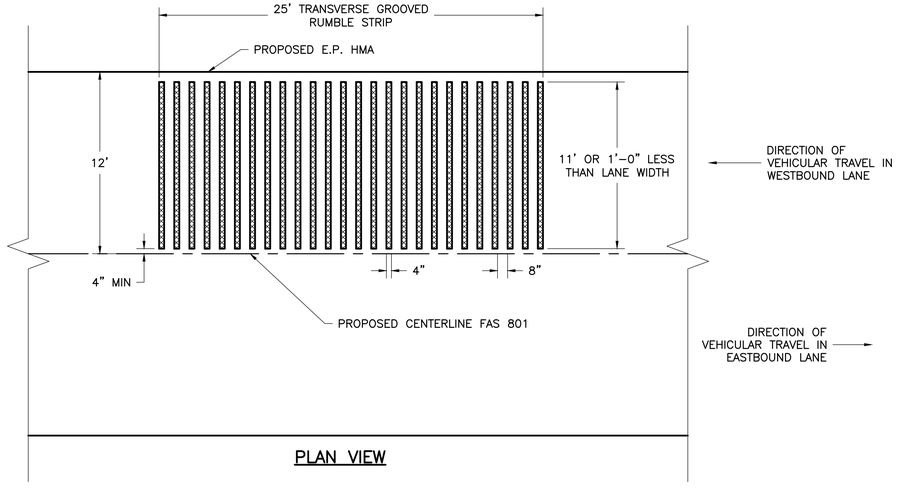
ALL PROPOSED HOT–MIX ASPHALT SURFACE, BUTT JOINT SHALL BE INCIDENTAL TO ITEM POLYMERIZED HOT–MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "C", N70. SEE "POLYMERIZED HOT–MIX ASPHALT SURFACE COURSE, IL–9.5, MIX "C", N70 SPECIAL PROVISIONS.

BUTT JOINT DETAIL
STA. 43+00.00
NOT TO SCALE



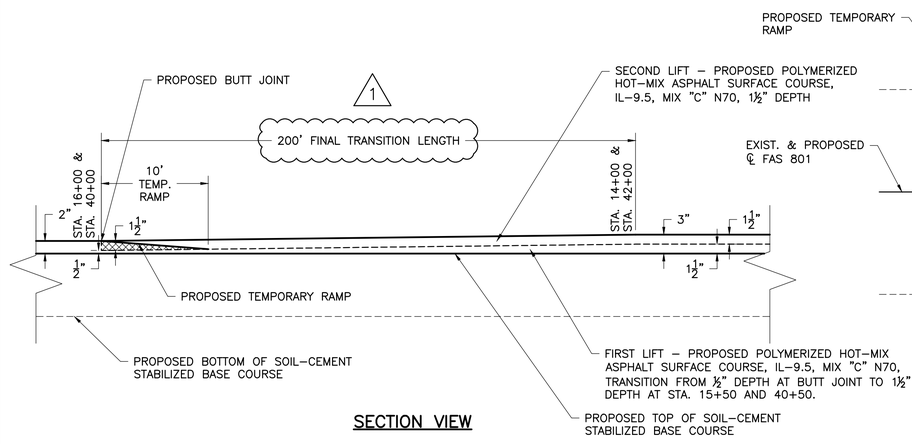
NOTE: THE 25' RUMBLE AREA HAS 8" LENGTHS OF TREATED SURFACE STRETCHED ACROSS THE WIDTH OF THE APPROACH LANE, EACH SEPARATED BY 8" OF EXISTING PAVEMENT.

SECTION VIEW

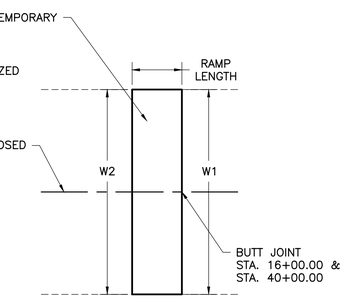


PLAN VIEW

RUMBLE STRIP DETAIL (GROOVED)
NOT TO SCALE



SECTION VIEW



PLAN VIEW

TEMPORARY RAMP	RAMP LENGTH(FT)	W1(FT)	W2(FT)	SQ YD
STA. 16+00	10	37	37	42
STA. 40+00	10	24	24	27
				TOTAL 69 SQ YD

NOTE

ALL PROPOSED HOT–MIX ASPHALT SURFACE, BUTT JOINT SHALL BE INCIDENTAL TO ITEM POLYMERIZED HOT–MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "C", N70. SEE "POLYMERIZED HOT–MIX ASPHALT SURFACE COURSE, IL–9.5, MIX "C", N70 SPECIAL PROVISIONS.

HATCH LEGEND

PROPOSED HMA SURFACE REMOVAL, BUTT JOINT – SEE NOTE THIS SHEET

H.M.A. TRANSITION DETAIL
NOT TO SCALE

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MISCELLANEOUS DETAILS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 801	21–00128–00–FP	RICHLAND	11	10
CONTRACT 95925		ILLINOIS	PROJECT SDE2(930)	