

ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1857 C.H. 6	08-00074 -00-RS	MONROE	8	1

FEDERAL AID PROJECT
CONTRACT 97462



LOCATION OF SECTION INDICATED THUS:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

FAS 1857 BLUFF ROAD (CH 6)
BLUFF ROAD RESURFACING
SECTION 08-00074-00-RS
PROJECT HRR-RS-1857(124)

COUNTY OF MONROE
JOB NO. C-98-307-10

DESIGN CLASSIFICATION

ROAD CLASSIFICATION = MAJOR COLLECTOR (RURAL)
2009 ADT = 3700 VPD
2029 DESIGN ADT = 5000 VPD
DESIGN SPEED 45 MPH - DESIGN STANDARDS: LAPP

LIST OF STANDARDS

	000001-06
SAFETY	642001-01
TRAFFIC CONTROL	701201-04 701301-04 701306-03 701311-03 701326-04 701501-06 701901-01
PAVEMENT MARKING	780001-02 781001-03
LOCAL ROADS	BLR 24-2 BLR 26-2

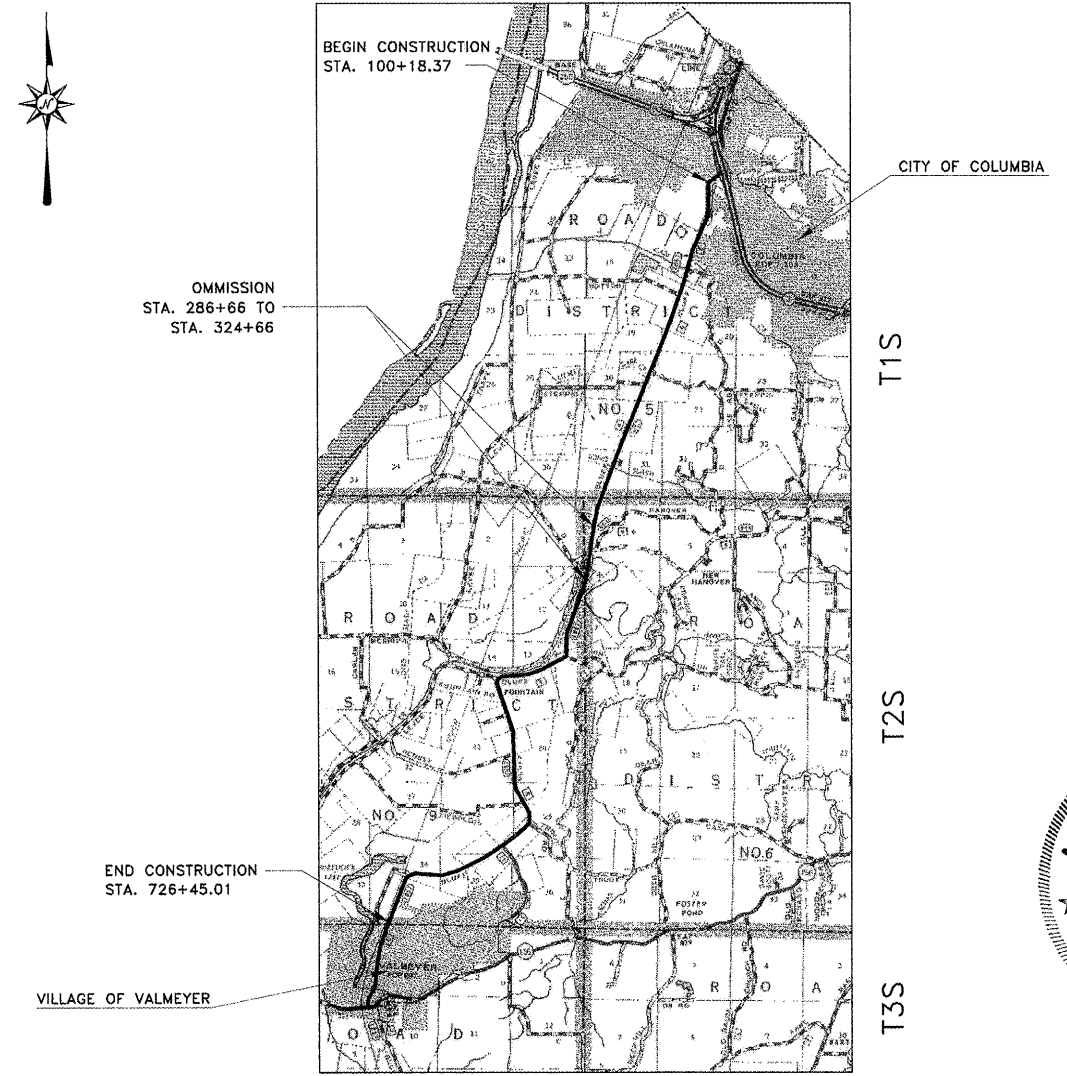
SCALES: TYPICAL SECTIONS - NOT TO SCALE
DETAILS - NOT TO SCALE

INDEX OF SHEETS

SHEET NUMBER	DESCRIPTION
1	COVER
2	GENERAL NOTES & SUMMARY OF QUANTITIES
3	TYPICAL SECTIONS
4	LOCATION MAP & SCHEDULE
5-8	DETAILS AND SCHEDULES

UTILITIES

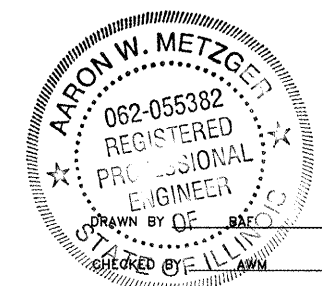
ELECTRIC: MONROE COUNTY ELECTRIC CO-OP - (618) 939-7171
AMEREN ILLINOIS - (618) 326-4372
GAS - AMEREN ILLINOIS - (618) 326-4372
WATER - FOUNTAIN WATER DISTRICT - (618) 935-2121
TELEPHONE - HARRISONVILLE TELEPHONE COMPANY - (618) 939-1000
CALL J.U.L.I.E. BEFORE YOU DIG
800-892-0123



SCHEDULE OF STATION EQUATIONS

BK. STA. 150+73.29	- AHEAD STA. 72+50
BK. STA. 325+06.21	- AHEAD STA. 325+12.96
BK. STA. 443+03.06	- AHEAD STA. 443+00
BK. STA. 628+49.64	- AHEAD STA. 628+49.71
BK. STA. 646+69.95	- AHEAD STA. 646+74.88

R11W R10W
LOCATION MAP
DRAWING NOT TO SCALE
LENGTH OF PROJECT 70363.24 FEET - 13.326 MILES
NET LENGTH 66,641.33 FEET - 12.621 MILES



DESIGN CERTIFICATION
These plans were prepared by me or a full time member of my staff under my personal supervision.
 2-23-11
County Engineer Date
Illinois Registered Professional Engineer No. 055382
Expiration Date: 11/30/11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED Feb. 23 2011

Monroe County Engineer
Monroe County Highway Department

Passed March 3 2011

District 8 Engineer
Local Roads and Streets

Released for Bid Based on Limited Review March 3 2011

Deputy Director of Highways
Region 5 Engineer

Printed by Authority of the State of Illinois

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ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1857 C.H. 6	08-00074 -00-RS	MONROE	8	2

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- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007 AND THE LATEST SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS, DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE.
- THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING MONROE COUNTY (48) HOURS IN ADVANCE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES OR WORK REQUIRING INSPECTION OR APPROVAL.
- SEEDING IS NOT ANTICIPATED - THE DISTURBANCE OF SOIL AS DETERMINED BY THE ENGINEER AND SUBSEQUENT SEEDING SHALL BE THE RESPONSIBILITY OF AND THE COST TO THE CONTRACTOR. SEEDING WILL CONFORM TO SEC. 250 AND SEC. 251 OF THE STANDARD SPECIFICATIONS AND MEET THE SATISFACTION OF THE ENGINEER.
- NO OVERNIGHT LANE CLOSURES SHALL BE ALLOWED.
- TRAFFIC CONTROL SIGNS SHALL BE 48" FLOURESCENT ORANGE UNLESS OTHERWISE NOTED.
- ALL TEMPORARY PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- ACCESS SHALL BE PROVIDED FROM PRIVATE ENTRANCES AT ALL LOCATIONS DURING ALL STAGES.
- APRONS OF DRIVES AND MAILBOX TURNOUTS PAVED WITH EXTENDABLE SCREED WIDENERS WILL BE CONSIDERED AN INTEGRAL PART OF MAINLINE PAVING AND WILL NOT BE MEASURED FOR PAYMENT AS INCIDENTAL HOT-MIX ASPHALT SURFACING.
- AREA REFLECTIVE CRACK CONTROL SHALL BE PLACED BETWEEN THE LEVEL BINDER AND SURFACE COURSE, AT LOCATIONS NOTED ON SECTIONS.
- ALL EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED BY TYPE 1 OR 2 BARRICADES WITH STEADY BURN LIGHTS.

FACTORS USED FOR QUANTITY CALCULATIONS ARE AS FOLLOWS:
 ALL HOT-MIX ASPHALT - 112 LB/SQ YD PER 1" THICKNESS
 AGGREGATE (PRIME COAT) - 5 LB/SQ YD
 BITUMINOUS MATERIAL (PRIME COAT) OVER ASPHALT - 0.05 GAL/SQ YD
 ALL AGGREGATE - 2.05 TONS/CU YD

- FLASHING BEACONS - REFER TO SPECIAL PROVISIONS AND DETAIL SHEET 8.
- PAVEMENT MARKINGS SHALL MATCH EXISTING - EXCEPT AS SHOWN IN THE SCHEDULE SHEET 4.

COMMITMENTS: NONE

SALVAGE: AGGREGATE MATERIAL EXCAVATED FOR HMA SHOULDER, REFER TO SPECIAL PROVISIONS.

SUMMARY OF QUANTITY

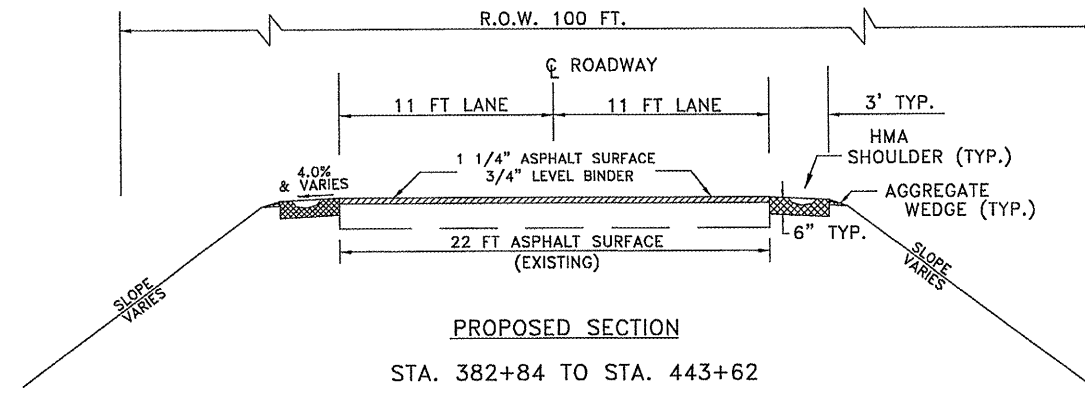
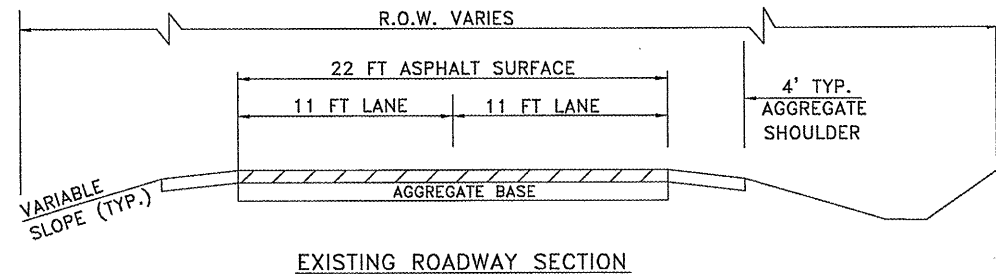
CODE	ITEM	UNIT	TOTAL QUANT.	STR QUANT.	HRRR QUANT.
20200100	EARTH EXCAVATION	CU. YD.	450.0	450.0	--
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	200	200	--
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	14580	14580	--
40600300	AGGREGATE (PRIME COAT)	TON	725	725	--
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	8100	8100	--
40600895	CONSTRUCTING TEST STRIP	EACH	1.0	1.0	--
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ. YD.	980	980	--
40600990	TEMPORARY RAMP	SQ.YD.	135	135	--
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	14810	14810	--
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	132.5	132.5	--
44000157	HOT MIX ASPHALT SURFACE REMOVAL, 2"	SQ.YD.	3005	3005	--
44300100	AREA REFLECTIVE CRACK CONTROL TREATMENT	SQ.YD.	37,250	37,250	--
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	5475	5475	--
48203100	HOT-MIX ASPHALT SHOULDERS	TON	1365	--	1365
63200310	GUARDRAIL REMOVAL	FOOT	87.5	87.5	--
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1 (SPECIAL) TANGENT	EACH	2.0	2.0	--
* 63000001	STEEL PLATE BEAM GUARDRAIL TYPE A 6 FOOT POSTS	FOOT	87.5	87.5	--
64200105	SHOULDER RUMBLE STRIP	FOOT	12,000	--	12,000
67100100	MOBILIZATION	L SUM	1.0	1.0	--
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	14,810	14,810	--
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	223,912	223,912	--
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ. FT.	2220	2220	--
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	SQ.FT.	223,912	223,912	--
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	967	877	90
* 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	34.0	34.0	--
* X0325714	FLASHING BEACON, POST MOUNTED, SOLAR POWERED INSTALLATION	EACH	4.0	--	4.0
X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1.0	1.0	--

* SPECIALTY ITEMS

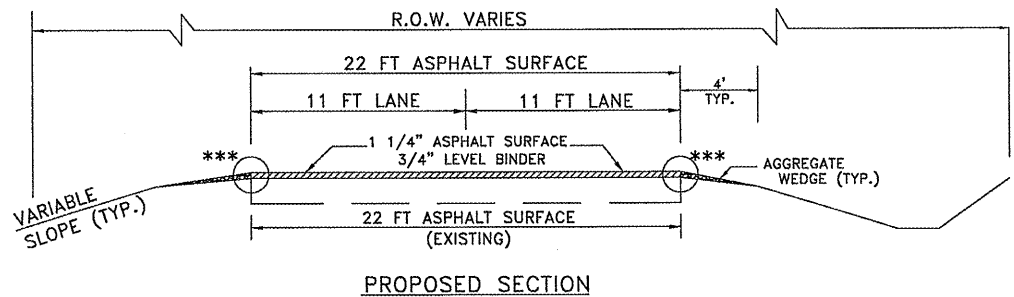
BLUFF ROAD RESURFACING
 GENERAL NOTES &
 SUMMARY OF QUANTITIES
 SEC 08-00074-00-RS
 C.H. 6 - FAS 1857
 MONROE COUNTY, ILLINOIS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1857 C.H. 6	08-00074 -00-RS	MONROE	8	3

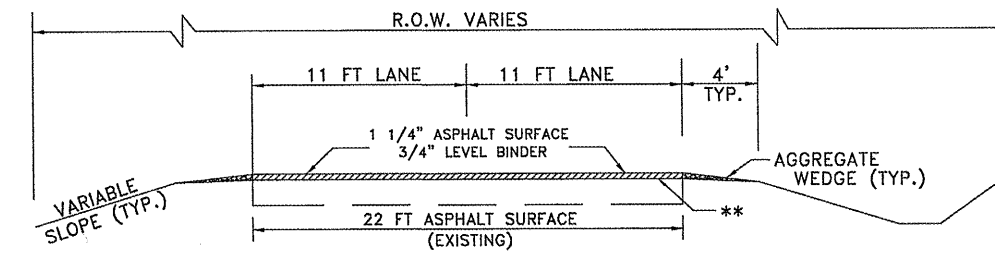
FEDERAL AID PROJECT
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PROPOSED SECTION
STA. 382+84 TO STA. 443+62
STA. EQ.: 443+03.06 = 443+00
ROADWAY CROSS SLOPE TO MATCH EXISTING
SHOULDER RUMBLE STRIP PER STANDARD (LEFT & RIGHT)

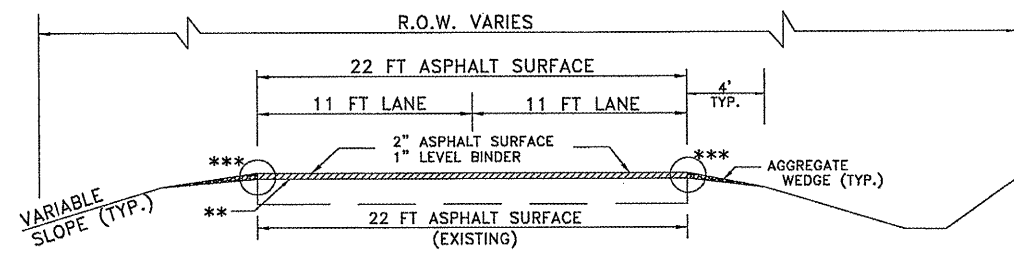


PROPOSED SECTION
STA. 100+18.37 TO 119+18.37
ROADWAY CROSS SLOPE TO MATCH EXISTING



PROPOSED SECTION
STA. 443+62 TO STA. 656+00
STA. EQ.: 628+49.64 = 628+49.71
STA. EQ.: 646+69.95 = 646+74.88
ROADWAY CROSS SLOPE TO MATCH EXISTING

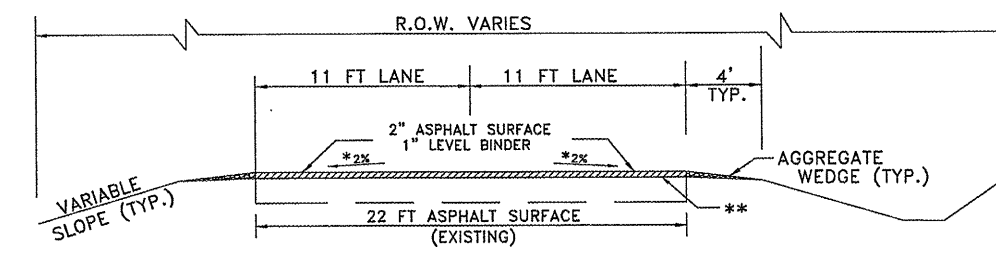
** AREA REFLECTIVE CRACK CONTROL:
STA. 575+00 TO STA. 620+00
TO BE PLACED BETWEEN LEVEL BINDER
& SURFACE



PROPOSED SECTION
PATCH TO GAP
STA. 119+18.37 TO STA. 286+66.34
STA. EQ.: 150+73.29 = 72+50
ROADWAY CROSS SLOPE TO MATCH EXISTING

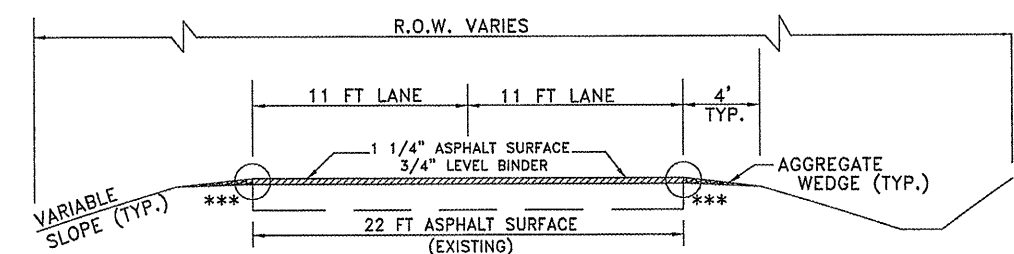
* HMA SURFACE REMOVAL - 2"
STA. 75+00 TO STA. 86+19.25
STA. 169+00 TO STA. 170+10

** AREA REFLECTIVE CRACK CONTROL:
STA. 119+18.37 TO STA. 86+19.25
TO BE PLACED BETWEEN LEVEL BINDER
& SURFACE



PROPOSED SECTION
STA. 656+00 TO STA. 726+45
* MATCH S.E. CROSS SLOPE:
STA. 656+00 - STA. 658+42.32
STA. 711+25.42 - STA. 716+56.36
STA. 720+49.45 - STA. 724+57

** AREA REFLECTIVE CRACK CONTROL:
STA. 656+00 TO STA. 714+00
TO BE PLACED BETWEEN LEVEL BINDER
& SURFACE



PROPOSED SECTION
STA. 324+66 TO STA. 382+84
STA. EQ.: 325+06.21 = 325+12.96
ROADWAY CROSS SLOPE TO MATCH EXISTING

*** REFER TO DETAIL SHEET 8
FOR SAFETY EDGE

FOUNTAIN GAP OMISSION
STA. 286+66.34 TO STA. 324+66

TYPICAL SECTIONS
BLUFF ROAD RESURFACING
SECTION 08-00074-00-RS

MONROE COUNTY, IL

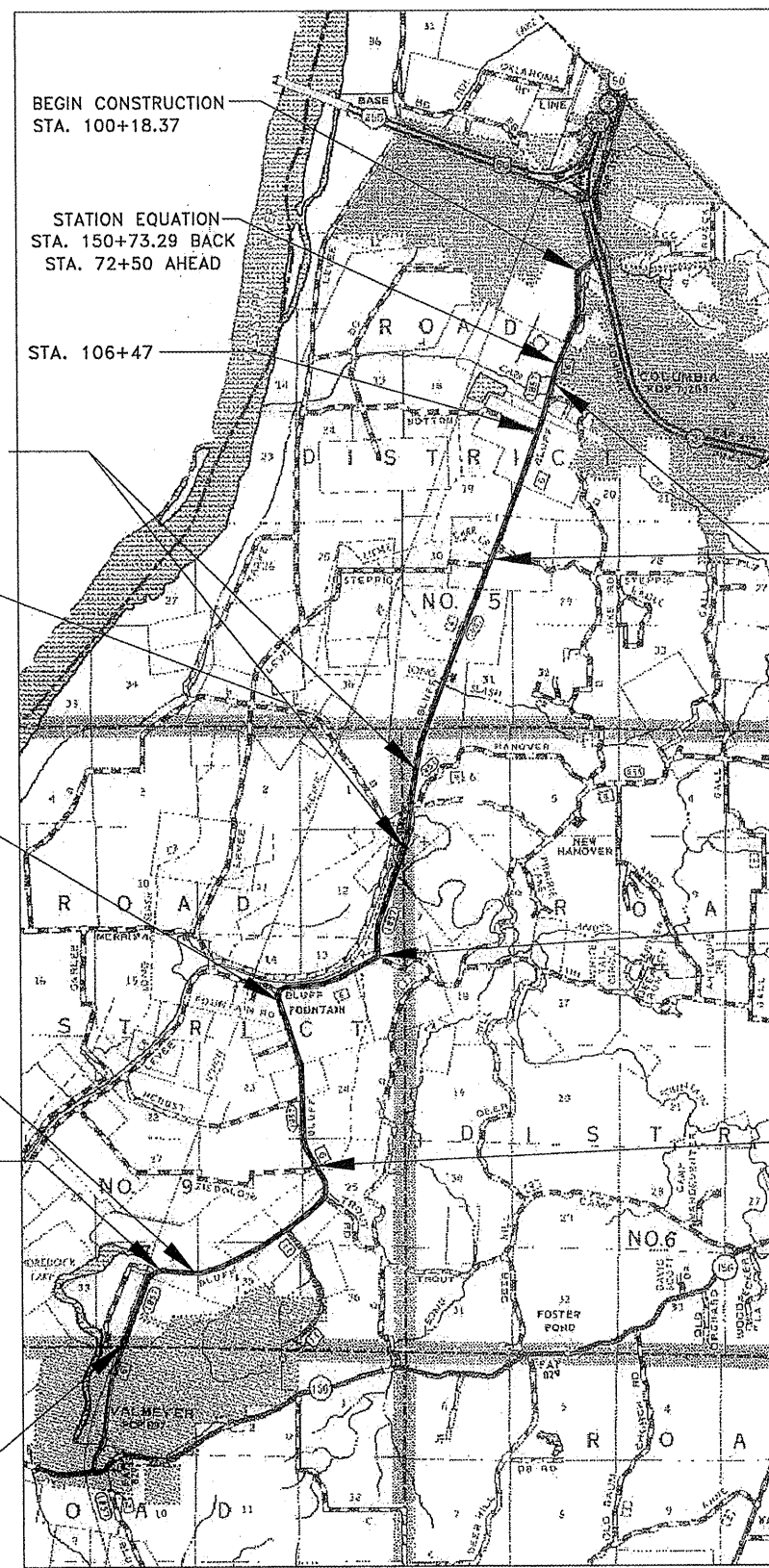
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PAVEMENT MARKINGS

ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1857 C.H. 6	08-00074 -00-RS	MONROE	8	4

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STATION	PAINT				RAISED REFLECTIVE PAVEMENT MARKER		RUMBLE STRIP (FOOT)
	SKIP-DASH YELLOW 4" (FT)	SOLID YELLOW 4"		SKIP-DASH WHITE 4" (FT)	AMBER 2-WAY (EACH)	CRYSTAL 1-WAY (EACH)	
		CENTERLINE	NO PASSING ZONE				
100+18.37 TO 109+99.77	250	981	---	1962	12	---	---
109+99.77 TO 111+22.8	---	123	123	246	2	---	---
111+22.8 TO 112+22.8	---	100	100	100	1	---	---
112+22.8 TO 118+17.8	---	595	595	1190	8	---	---
118+17.8 TO 128+04.8	250	---	987	1974	12	---	---
128+04.8 TO 129+60.77	---	156	156	312	2	---	---
129+60.77 TO 150+73.29	530	2113	---	4225	26	---	---
STA EQ 150+73.29 BK/72+50 AH							
72+50 TO 73+46.51	20	96	---	193	1	---	---
73+46.51 TO 74+02.48	10	---	---	112	1	---	---
74+02.48 TO 87+80.51	350	---	1378	2756	17	---	---
87+80.51 TO 88+37.48	---	57	57	114	1	---	---
88+37.48 TO 88+60	10	22	---	45	---	---	---
88+60 TO 89+60	20	100	---	100	1	---	---
89+60 TO 105+07.01	390	1547	---	3094	19	---	---
105+07.01 TO 106+50.97	40	---	---	70	2	---	---
106+50.97 TO 107+20.97	20	---	---	70	1	---	---
107+20.97 TO 124+00.98	420	---	---	3360	21	---	---
124+00.98 TO 133+55.98	240	---	955	1910	12	---	---
133+55.98 TO 136+48.01	70	---	---	584	4	---	---
136+48.01 TO 151+08.01	370	1460	---	2920	18	---	---
151+08.01 TO 162+03.98	270	---	---	2192	14	---	---
162+03.98 TO 167+12	130	---	508	1016	6	---	---
167+12 TO 167+82	20	---	70	70	1	---	---
167+82 TO 176+46.01	220	---	864	1728	11	---	---
176+46.01 TO 177+15	---	69	69	69	1	---	---
177+15 TO 188+51	---	1136	1136	2272	14	---	---
188+51 TO 189+21	---	70	70	70	1	---	---
189+21 TO 220+42.98	---	3122	3122	6244	39	---	---
220+42.98 TO 229+51.01	230	908	---	1816	11	---	---
229+51.01 TO 229+98.98	10	---	---	96	---	---	---
229+98.98 TO 233+78	90	---	379	758	5	---	---
233+78 TO 234+48	20	---	70	70	1	---	---
234+48 TO 239+62.01	130	---	514	1028	6	---	---
239+62.01 TO 241+03.98	---	142	142	284	2	---	---
241+03.98 TO 250+25.01	230	921	---	1842	12	---	---
250+25.01 TO 261+60.98	280	---	---	2272	14	---	---
261+60.98 TO 269+94.01	210	---	833	1666	10	---	---
269+94.01 TO 282+02.98	---	1209	1209	2418	15	---	---
282+02.98 TO 285+67.98	90	365	---	730	5	---	---
285+67.98 TO 286+66	---	98	98	196	1	---	---
286+66 TO 324+66	---	---	---	OMISSION 80	---	---	---
324+66 TO 325+06.21	10	---	---	---	---	---	---
STA EQ 325+06.21 BK/325+12.96 AH							
325+12.96 TO 365+67.03	1010	---	---	8108	51	---	---
365+67.03 TO 368+94.36	80	---	327	654	4	---	---
368+94.36 TO 384+39	---	1545	1545	3090	20	16	310
384+39 TO 384+89	---	50	50	50	12	4	50
384+89 TO 387+57	---	268	268	536	7	26	536
387+57 TO 388+07	---	50	50	50	12	4	50
388+07 TO 389+79.03	---	172	172	344	4	18	344
389+79.03 TO 407+21.36	440	1742	---	3484	22	---	3484
407+21.36 TO 418+89.93	290	---	---	2338	15	---	2338
418+89.93 TO 438+01.36	480	---	1911	3822	24	---	3822
438+01.36 TO 440+63.55	70	262	262	524	6	26	524
440+63.55 TO 441+13.55	---	50	50	50	12	4	50
441+13.55 TO 442+25.93	---	112	112	224	3	10	224
442+25.93 TO 443+03.06	10	77	---	144	1	8	144
STA EQ 443+03.06 BK/443+00 AH							
443+00 TO 462+22.3	480	1922	---	3844	24	6	124
462+22.3 TO 465+04.27	70	---	---	564	4	---	---
465+04.27 TO 485+00.3	500	---	1996	3992	25	---	---
485+00.3 TO 499+64.6	---	1464	1464	2928	18	---	---
499+64.6 TO 500+34.6	---	70	70	70	1	---	---
500+34.6 TO 538+28	---	3793	3793	7586	47	---	---
538+28 TO 538+98	---	70	70	70	1	---	---
538+98 TO 551+36	---	1238	1238	2476	15	---	---
551+36 TO 552+06	---	70	70	70	1	---	---
552+06 TO 575+76	---	2370	2370	4740	30	---	---
575+76 TO 576+76	---	100	100	100	1	---	---
576+76 TO 628+49.64	---	5174	5174	10348	65	---	---
STA EQ 628+49.64 BK/628+49.71 AH							
628+49.71 TO 646+69.95	---	1820	1820	3640	23	---	---
STA EQ 646+69.95 BK/646+74.88 AH							
646+74.88 TO 650+00	---	325	325	650	4	---	---
650+00 TO 651+00	---	100	100	100	1	---	---
651+00 TO 654+79.07	---	379	379	758	5	---	---
654+79.07 TO 673+93.1	480	1914	---	3828	24	---	---
673+93.1 TO 696+16.67	560	---	---	4448	28	---	---
696+16.67 TO 715+02.7	470	---	1886	3772	24	---	---
715+02.7 TO 726+45.07	---	1142	1142	2284	14	---	---
SUBTOTALS	9870	81,848	132,158	36	845	122	12000
TOTALS		223,912			967		12000



HMA SURFACE REMOVAL, 2"

STA. 384+64

STA. 538+63

BLUFF ROAD RESURFACING
LOCATION MAP
SEC 08-00074-00-RS
MONROE COUNTY, ILLINOIS

DRAWING FILE: S:\BLUFF ROAD\RESURFACING COL TO ROCK CITY\SIGERD.DWG

ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1857 C.H. 6	08-00074 -00-RS	MONROE	8	5

FEDERAL AID PROJECT
CONTRACT 97462

MAINLINE SURFACING SUMMARY

LOCATION STATION - STATION	HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70	LEVELING BINDER MIX "C" N50	HOT-MIX ASPHALT SHOULDERS MIX "C" N50	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	AGGREGATE SHOULDERS	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	AREA REFLECTIVE CRACK CONTROL
UNIT	TON	TON	TON	SQ YD	SQ YD	TON	GAL	TON	SQ YD
STA. 100+18.37 TO STA. 119+18.37	330	198	--	--	100	144	470	23	12070
STA. 119+18.37 TO STA. 286+66.34	6860	3526	--	3005	490	2486	5397.3	270.23	--
STA. 286+66.34 TO STA. 324+66				OMISSION					
STA. 324+66 TO STA. 382+84	1015	606	--	--	195	440	1420	71	--
STA. 382+84 TO STA. 443+62	1040	625	1365	--	--	75	1485	74	--
STA. 443+62 TO STA. 656+00	3635	2180	--	--	--	1615	4640	232	11000
STA. 656+00 TO STA. 726+45	1930	965	--	--	195	715	1015	50	14180
PROJECT TOTALS	14810	8100	1365	3005	980	5475	14427.3	720.23	37,250

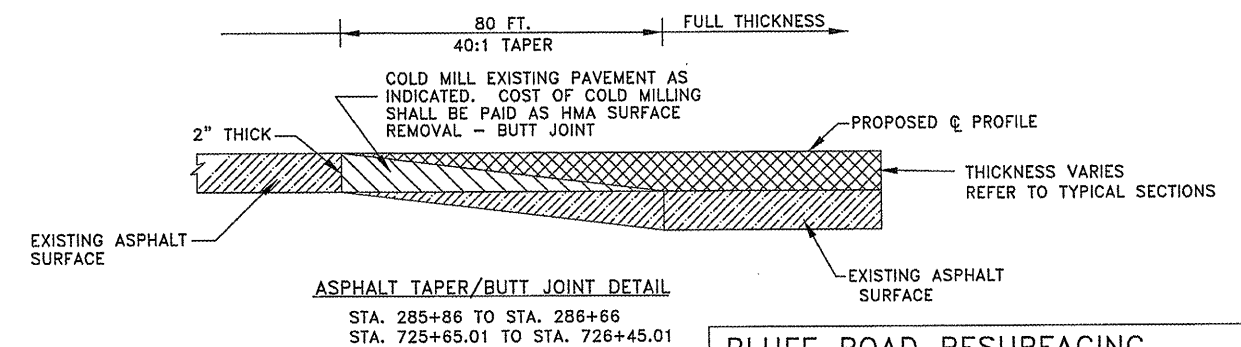
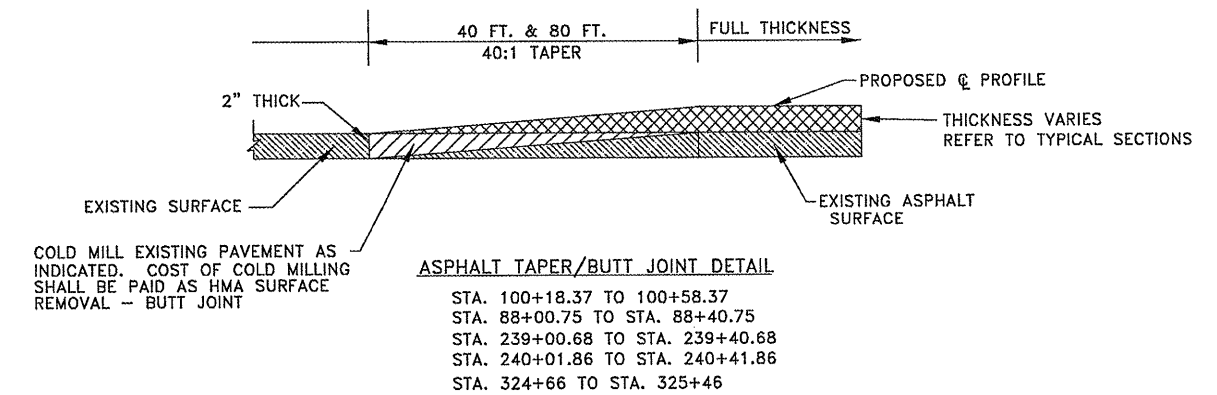
EARTHWORK SCHEDULE

LOCATION STATION - STATION	EARTH EXCAVATION
UNIT	CY
STA. 382+84 TO STA. 443+62	450
PROJECT TOTALS	

* EARTH EXCAVATION IS FOR THE REMOVAL OF THE EXISTING
AGGREGATE SHOULDER FOR PLACEMENT OF THE HMA SHOULDER.

GUARDRAIL SCHEDULE

LOCATION STATION	SIDE LT/RT	GUARDRAIL REMOVAL (FOOT)	STEEL PLATE BEAM GUARDRAIL, TYPE A (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (EACH)
384+00 TO 386+00	LEFT	87.5	87.5	2
TOTALS		87.5	87.5	2



HOT-MIX ASPHALT MIXTURE REQUIREMENTS

LOCATION(S)	ALL			
MIXTURE USE(S)	SURFACE	LEVELING BINDER	INCIDENTAL	SHOULDERS
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	10%	15%	15%	15%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=50	4.0% @ Ndes=70	4.0% @ Ndes=50
MIXTURE COMPOSITION (GRADATION MIXTURE)	9.5			
FRICITION AGGREGATE	MIXTURE D	MIXTURE C	MIXTURE D	MIXTURE C

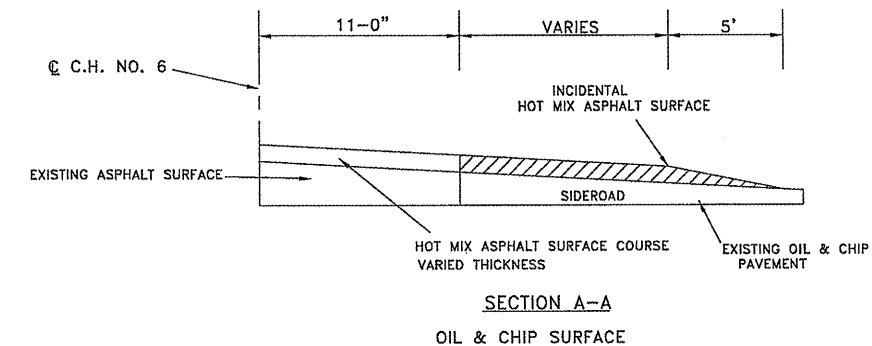
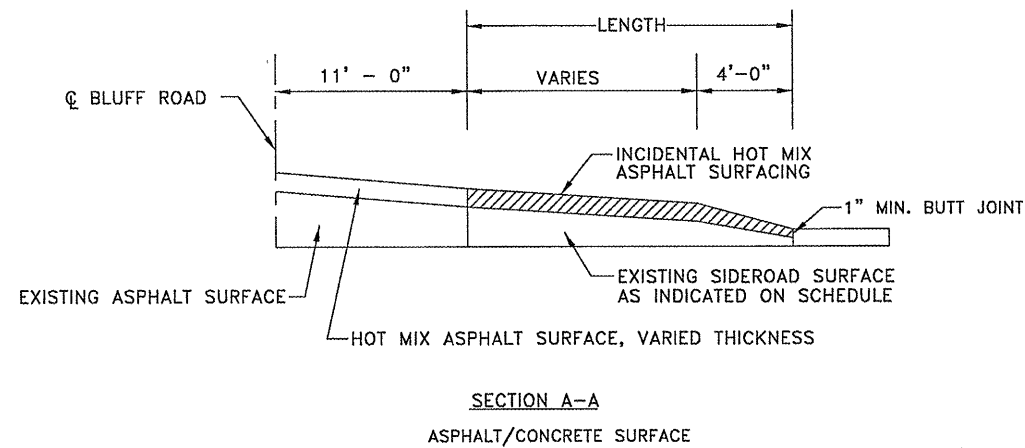
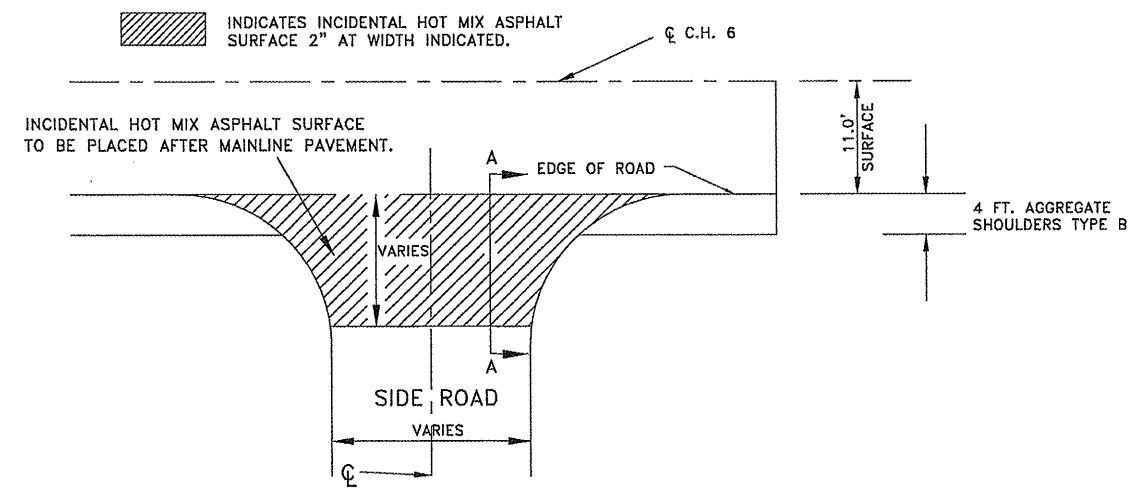
BLUFF ROAD RESURFACING
DETAILS AND SCHEDULES
SEC 08-00074-00-RS
MONROE COUNTY, ILLINOIS

ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1857 C.H. 6	08-00074 -00-RS	MONROE	8	6

FEDERAL AID PROJECT
CONTRACT NO. 97462

SIDEROAD SCHEDULE

LOCATION STATION	SIDE LT/RT	EXISTING SURFACE	LENGTH FT.	WIDTH FT.	INCIDENTAL HMA SURFACING TONS	BIT. MAT'L. (PRIME COAT) GALLON	AGGREGATE (PRIME COAT) TONS	COMMENTS
111+72.80	LEFT	ASPHALT	6	24	1.8	0.8	0.20	SANDBANK ROAD
89+10	LEFT	ASPHALT	6	24	1.8	0.8	0.20	VALMEYER ROAD
106+47	LEFT	OIL & CHIP	6	18	1.3	3.0	0.15	BOTTOM ROAD
167+47	RIGHT	OIL & CHIP	6	20	1.5	3.3	0.18	STEPPIG ROAD
176+80	LEFT	OIL & CHIP	6	18	1.3	3.0	0.15	STEPPIG ROAD
188+86	RIGHT	OIL & CHIP	6	22	1.6	3.7	0.18	SANDALWOOD
234+13	LEFT	OIL & CHIP	6	18	1.3	3.0	0.15	HARRES LANE
306+42.59	LEFT	ASPHALT	6	18	1.3	0.6	0.15	B ROAD
306+47.91	LEFT	ASPHALT	6	24	1.8	0.8	0.20	HANOVER ROAD
384+64	RIGHT	ASPHALT	6	20	1.5	0.7	0.18	HH ROAD
387+82	LEFT	ASPHALT	6	20	1.5	0.7	0.18	HH ROAD
440+88.55	RIGHT	ASPHALT	6	24	1.8	0.8	0.20	FOUNTAIN ROAD
499+99.6	LEFT	OIL & CHIP	6	14	1.0	2.3	0.25	HERBST ROAD
538+63	LEFT	OIL & CHIP	6	18	1.3	3.0	0.15	ZIEBOLD ROAD
551+71	RIGHT	OIL & CHIP	6	18	1.3	3.0	0.15	TROUT ROAD
576+26	LEFT	ASPHALT	6	22	1.6	0.7	0.18	WOODLAND ROAD
650+50	RIGHT	OIL & CHIP	6	20	1.5	3.3	0.18	OLD BLUFF ROAD
TOTAL					25.2	33.5	3.03	



TYPICAL SIDEROAD DETAILS

MAILBOX TURNOUT SCHEDULE

LOCATION STATION	SIDE LT/RT	INCIDENTAL HMA SURFACING TONS	BIT. MAT'L. (PRIME COAT) GALLON	AGGREGATE (PRIME COAT) TONS
115+25	RIGHT	1.6	0.7	0.02
150+30	RIGHT	1.6	0.7	0.02
179+20	RIGHT	1.6	0.7	0.02
198+45	RIGHT	1.6	0.7	0.02
443+25	RIGHT	1.6	0.7	0.02
458+30	RIGHT	1.6	0.7	0.02
476+70	RIGHT	1.6	0.7	0.02
501+43	RIGHT	1.6	0.7	0.02
516+45	RIGHT	1.6	0.7	0.02
584+11	RIGHT	6.7	12.2	0.06
592+57	RIGHT	1.6	0.7	0.02
597+58	RIGHT	1.6	0.7	0.02
633+77.32	RIGHT	1.6	0.7	0.02
TOTAL		68.3	39.2	0.84

MAILBOX TURNOUTS TO BE CONSTRUCTED PER STANDARD BLR 24-2

BLUFF ROAD RESURFACING
MAILBOX TURNOUT &
SIDE ROAD DETAIL
SEC 08-00074-00-RS
COUNTY HWY. NO. 6 FAS 1857

ENTRANCE SCHEDULE

ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1857 C.H. 6	08-00074 -00-RS	MONROE	8	7

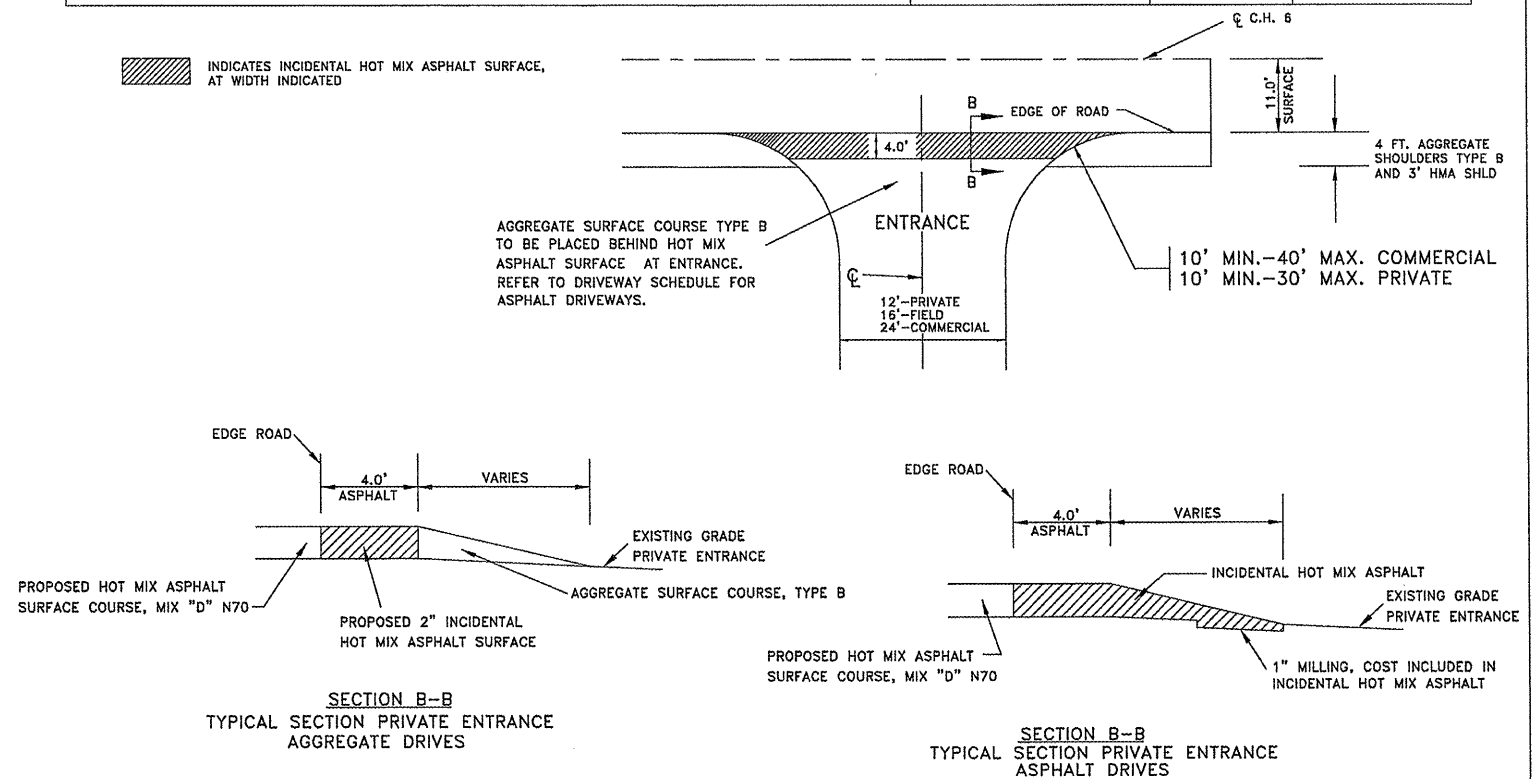
FEDERAL AID PROJECT
CONTRACT NO. 97462

LOCATION STATION	SIDE LT/RT	TYPE OF ENTRANCE	EXISTING SURFACE	LENGTH FOOT	WIDTH FOOT	INCIDENTAL HMA SURFACING TONS	BIT. MAT'L. (PRIME COAT) GALLON	AGGREGATE (PRIME COAT) TONS
117+00	RIGHT	FIELD	EARTH	4.00	18.0	0.0	0.0	0.00
122+00	LEFT	FIELD	EARTH	4.00	18.0	0.0	0.0	0.00
122+00	RIGHT	FIELD	EARTH	4.00	18.0	0.0	0.0	0.00
125+00	RIGHT	FIELD	EARTH	4.00	18.0	0.0	0.0	0.00
125+70	LEFT	FIELD	EARTH	4.00	18.0	0.0	0.0	0.00
126+00	RIGHT	FIELD	EARTH	4.00	18.0	0.0	0.0	0.00
131+93	LEFT	PRIVATE	ASPHALT	4.00	18.0	0.9	0.4	0.02
135+50	RIGHT	FIELD	EARTH	4.00	18.0	0.0	0.0	0.00
138+89	LEFT	PRIVATE	AGGREGATE	4.00	16.0	0.8	0.0	0.00
140+89	RIGHT	FIELD	EARTH	4.00	16.0	0.0	0.0	0.00
147+11	LEFT	FIELD	EARTH	4.00	18.0	0.0	0.0	0.00
149+32	RIGHT	COMMERCIAL	ASPHALT	4.00	40.0	2.0	0.9	0.04
150+19	LEFT	COMMERCIAL	AGGREGATE	4.00	10.0	0.5	1.1	0.01
74+93	RIGHT	PRIVATE	AGGREGATE	4.00	12.0	0.6	1.3	0.02
83+17	LEFT	FIELD	AGGREGATE	4.00	12.0	0.6	1.3	0.02
83+17	RIGHT	FIELD	AGGREGATE	4.00	12.0	0.6	1.3	0.02
90+77	RIGHT	FIELD	AGGREGATE	4.00	12.0	0.6	1.3	0.02
90+77	LEFT	FIELD	AGGREGATE	4.00	12.0	0.6	1.3	0.02
97+69	LEFT	FIELD	EARTH	4.00	18.0	0.0	0.0	0.00
97+69	RIGHT	FIELD	EARTH	4.00	18.0	0.0	0.0	0.00
115+43	RIGHT	PRIVATE	AGGREGATE	4.00	20.0	1.0	2.2	0.03
117+68	LEFT	FIELD	EARTH	4.00	16.0	0.0	0.0	0.00
119+02	RIGHT	FIELD	EARTH	4.00	12.0	0.0	0.0	0.00
119+34	RIGHT	FIELD	EARTH	4.00	12.0	0.0	0.0	0.00
124+34	LEFT	FIELD	EARTH	4.00	20.0	0.0	0.0	0.00
124+74	RIGHT	FIELD	EARTH	4.00	15.0	0.0	0.0	0.00
130+14	LEFT	FIELD	EARTH	4.00	10.0	0.0	0.0	0.00
133+07	RIGHT	COMMERCIAL	AGGREGATE	4.00	18.0	0.9	2.0	0.02
136+48	RIGHT	FIELD	AGGREGATE	4.00	16.0	0.8	1.8	0.02
149+83	RIGHT	FIELD	AGGREGATE	4.00	21.0	1.0	2.3	0.03
163+88	LEFT	PRIVATE	AGGREGATE	4.00	18.0	0.9	2.0	0.02
176+70	LEFT	FIELD	EARTH	4.00	10.0	0.0	0.0	0.00
179+05	LEFT	PRIVATE	AGGREGATE	4.00	9.0	0.5	1.0	0.01
179+45	LEFT	FIELD	EARTH	4.00	14.0	0.0	0.0	0.00
189+63	LEFT	PRIVATE	AGGREGATE	4.00	15.0	0.7	1.7	0.02
191+92	RIGHT	PRIVATE	AGGREGATE	4.00	24.0	1.2	2.7	0.03
198+55	LEFT	PRIVATE	AGGREGATE	4.00	35.0	1.7	3.9	0.05
204+43	RIGHT	FIELD	AGGREGATE	4.00	12.0	0.6	1.3	0.01
216+28	RIGHT	FIELD	EARTH	4.00	16.0	0.0	0.0	0.00
227+65	RIGHT	FIELD	AGGREGATE	4.00	11.0	0.5	1.2	0.01
239+61	RIGHT	FIELD	AGGREGATE	4.00	10.0	0.5	1.1	0.01
245+85	LEFT	FIELD	EARTH	4.00	18.0	0.0	0.0	0.00
247+82	RIGHT	PRIVATE	AGGREGATE	4.00	13.0	0.6	1.4	0.02
266+68	RIGHT	FIELD	EARTH	4.00	14.0	0.0	0.0	0.00
267+15	RIGHT	FIELD	EARTH	4.00	13.0	0.0	0.0	0.00
280+12	RIGHT	FIELD	EARTH	4.00	12.0	0.0	0.0	0.00
316+00	RIGHT	FIELD	EARTH	4.00	16.0	0.0	0.0	0.00
316+70	LEFT	FIELD	AGGREGATE	4.00	16.0	0.8	1.8	0.02
317+58	RIGHT	FIELD	EARTH	4.00	20.0	0.0	0.0	0.00
321+16	LEFT	FIELD	AGGREGATE	4.00	14.0	0.7	1.6	0.02
348+74	RIGHT	FIELD	EARTH	4.00	20.0	0.0	0.0	0.00
360+06	LEFT	PRIVATE	AGGREGATE	4.00	12.0	0.6	1.3	0.01
368+98	RIGHT	FIELD	EARTH	4.00	10.0	0.0	0.0	0.00
373+43	RIGHT	FIELD	EARTH	4.00	14.0	0.0	0.0	0.00
402+00	LEFT	FIELD	EARTH	4.00	12.0	0.0	0.0	0.00
409+00	LEFT	FIELD	EARTH	4.00	12.0	0.0	0.0	0.00
430+56	LEFT	FIELD	EARTH	4.00	12.0	0.0	0.0	0.00
432+72	LEFT	FIELD	EARTH	4.00	12.0	0.0	0.0	0.00
442+95	RIGHT	FIELD	EARTH	4.00	16.0	0.0	0.0	0.00
443+31	LEFT	PRIVATE	AGGREGATE	4.00	22.0	1.1	2.4	0.03
458+00	RIGHT	PRIVATE	AGGREGATE	4.00	16.0	0.8	1.8	0.02
459+63	RIGHT	PRIVATE	AGGREGATE	4.00	12.0	0.6	1.3	0.01
461+31	LEFT	FIELD	EARTH	4.00	12.0	0.0	0.0	0.00
464+59	RIGHT	FIELD	EARTH	4.00	10.0	0.0	0.0	0.00
466+21	RIGHT	PRIVATE	AGGREGATE	4.00	16.0	0.8	1.8	0.02
469+64	RIGHT	PRIVATE	AGGREGATE	4.00	24.0	1.2	2.7	0.03
473+57	LEFT	FIELD	EARTH	4.00	18.0	0.0	0.0	0.00
476+83	LEFT	PRIVATE	AGGREGATE	4.00	16.0	0.8	1.8	0.02
478+79	LEFT	FIELD	AGGREGATE	4.00	16.0	0.8	1.8	0.02
493+93	LEFT	FIELD	AGGREGATE	4.00	16.0	0.8	1.8	0.02
501+43	LEFT	PRIVATE	AGGREGATE	4.00	18.0	0.9	2.0	0.02
516+24	RIGHT	PRIVATE	AGGREGATE	4.00	18.0	0.9	2.0	0.02
521+72	LEFT	FIELD	EARTH	4.00	18.0	0.0	0.0	0.00
528+59	LEFT	FIELD	EARTH	4.00	18.0	0.0	0.0	0.00
536+93	LEFT	FIELD	EARTH	4.00	20.0	0.0	0.0	0.00
542+77	LEFT	FIELD	EARTH	4.00	18.0	0.0	0.0	0.00
543+07	RIGHT	FIELD	EARTH	4.00	20.0	0.0	0.0	0.00
546+96	LEFT	FIELD	EARTH	4.00	18.0	0.0	0.0	0.00

ENTRANCE SCHEDULE

LOCATION STATION	SIDE LT/RT	TYPE OF ENTRANCE	EXISTING SURFACE	LENGTH FOOT	WIDTH FOOT	INCIDENTAL HMA SURFACING TONS	BIT. MAT'L. (PRIME COAT) GALLON	AGGREGATE (PRIME COAT) TONS
551+08	RIGHT	FIELD	EARTH	4.00	18.0	0.0	0.0	0.00
564+64	RIGHT	FIELD	EARTH	4.00	16.0	0.0	0.0	0.00
568+27	LEFT	FIELD	EARTH	4.00	16.0	0.0	0.0	0.00
568+86	LEFT	FIELD	EARTH	4.00	16.0	0.0	0.0	0.00
576+26	RIGHT	FIELD	EARTH	4.00	16.0	0.0	0.0	0.00
584+11	LEFT	PRIVATE	AGGREGATE	4.00	20.0	1.0	2.2	0.03
584+94	LEFT	PRIVATE	AGGREGATE	4.00	18.0	0.9	2.0	0.02
589+85	LEFT	PRIVATE	AGGREGATE	4.00	18.0	0.9	2.0	0.02
589+85	RIGHT	FIELD	AGGREGATE	4.00	18.0	0.9	2.0	0.02
593+02	LEFT	FIELD	EARTH	4.00	20.0	0.0	0.0	0.00
597+58	LEFT	PRIVATE	AGGREGATE	4.00	18.0	0.9	2.0	0.02
598+31	LEFT	PRIVATE	AGGREGATE	4.00	18.0	0.9	2.0	0.02
608+01	LEFT	FIELD	EARTH	4.00	20.0	0.0	0.0	0.00
608+26	RIGHT	FIELD	AGGREGATE	4.00	20.0	1.0	2.2	0.03
612+16	RIGHT	FIELD	EARTH	4.00	16.0	0.0	0.0	0.00
618+82	LEFT	FIELD	EARTH	4.00	16.0	0.0	0.0	0.00
627+27	LEFT	FIELD	EARTH	4.00	16.0	0.0	0.0	0.00
627+27	RIGHT	FIELD	AGGREGATE	4.00	24.0	1.2	2.7	0.04
633+77	LEFT	PRIVATE	AGGREGATE	4.00	22.0	1.1	2.4	0.04
650+50	LEFT	FIELD	EARTH	4.00	20.0	0.0	0.0	0.00
654+48	LEFT	COMMERCIAL	AGGREGATE	4.00	28.0	1.3	3.1	0.05
676+90	LEFT	FIELD	EARTH	4.00	20.0	0.0	0.0	0.00
698+02	LEFT	FIELD	EARTH	4.00	20.0	0.0	0.0	0.00
704+88	RIGHT	FIELD	EARTH	4.00	20.0	0.0	0.0	0.00
720+20	LEFT	FIELD	EARTH	4.00	20.0	0.0	0.0	0.00
TOTAL						39.0	80.0	0.90

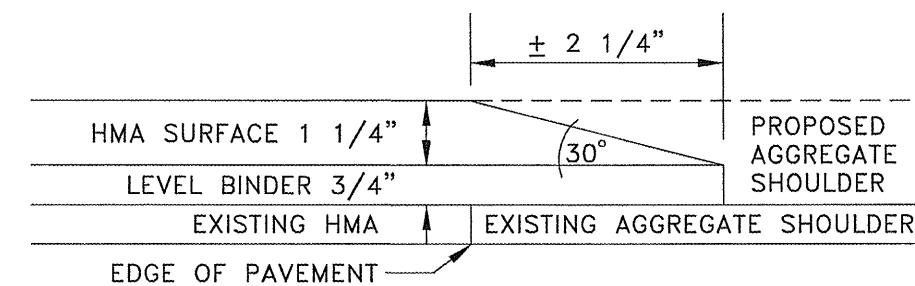
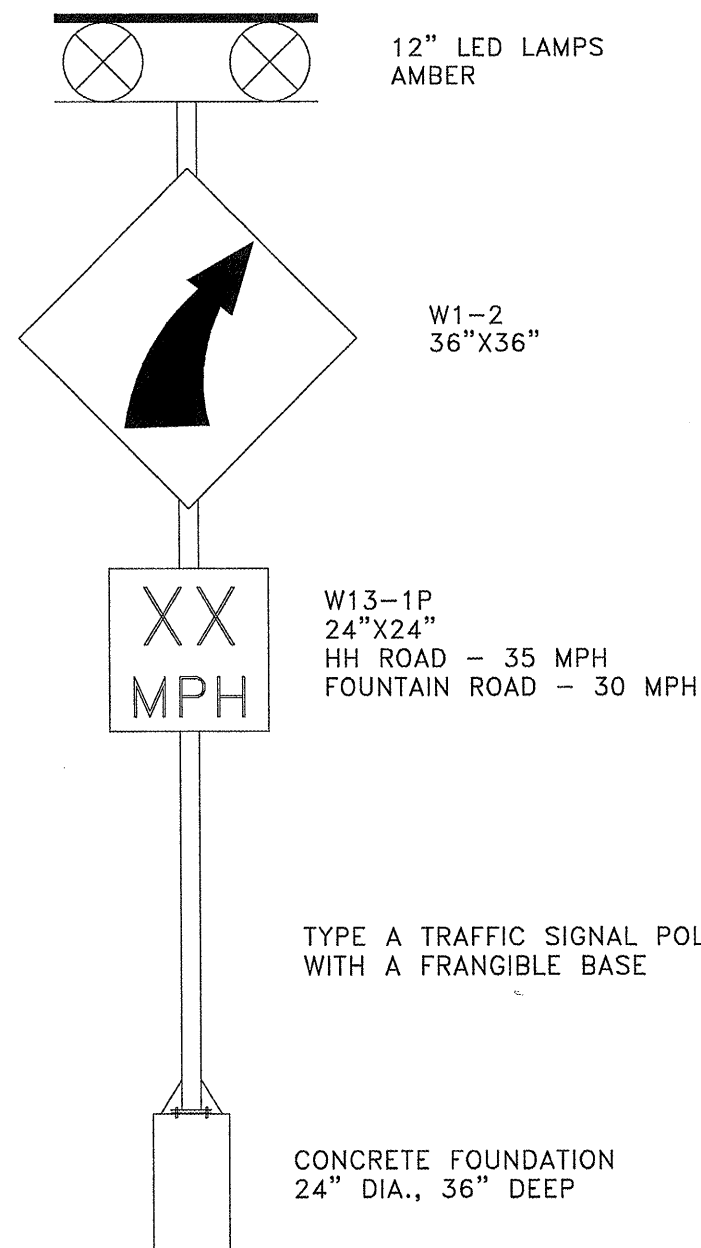
INDICATES INCIDENTAL HOT MIX ASPHALT SURFACE, AT WIDTH INDICATED



BLUFF ROAD RESURFACING
ENTRANCE SCHEDULE
AND DETAIL
SEC 08-00074-00-RS
COUNTY HWY. NO. 6 FAS 1857

ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1857 C.H. 6	08-00074 -00-RS	MONROE	8	8

FEDERAL AID PROJECT
CONTRACT 97462

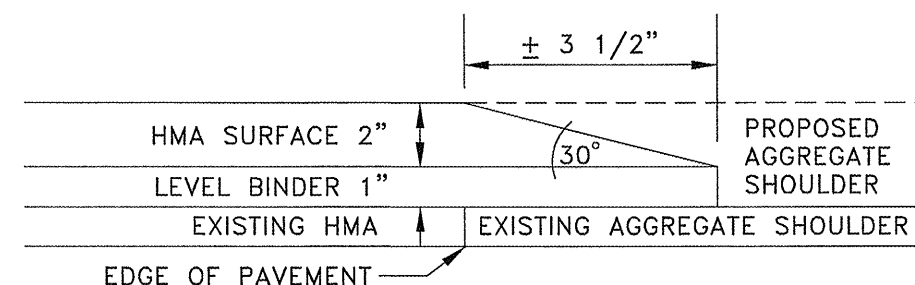


SAFETY EDGE

TYPICAL BOTH SIDES

STA. 100+18.37 TO 119+18.37

STA. 324+66 TO 382+84



SAFETY EDGE

TYPICAL BOTH SIDES

STA. 119+18.37 TO 286+66.34

FLASHING BEACON, POST MOUNTED, SOLAR POWERED INSTALLATION

DETAIL IS FOR REFERENCE ONLY AND MAY NOT BE ALL INCLUSIVE
REFER TO SPECIAL PROVISIONS FOR MORE INFORMATION
FLASHING BEACONS TO BE LOCATED AT THE HH AND FOUNTAIN ROAD INTERSECTIONS

BLUFF ROAD RESURFACING
DETAILS
SEC 08-00074-00-RS
MONROE COUNTY, ILLINOIS