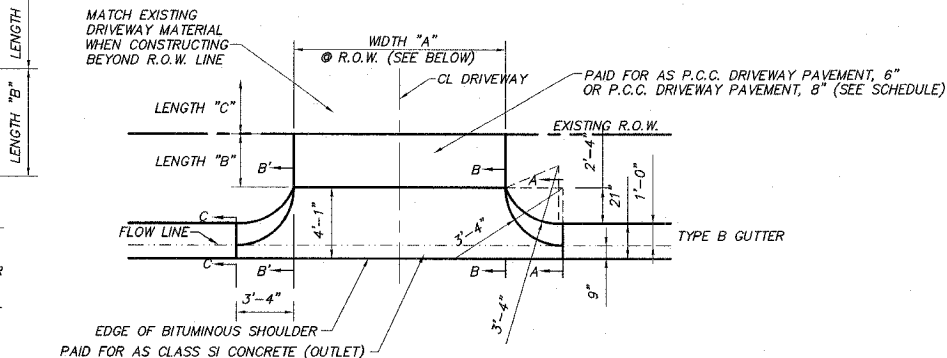
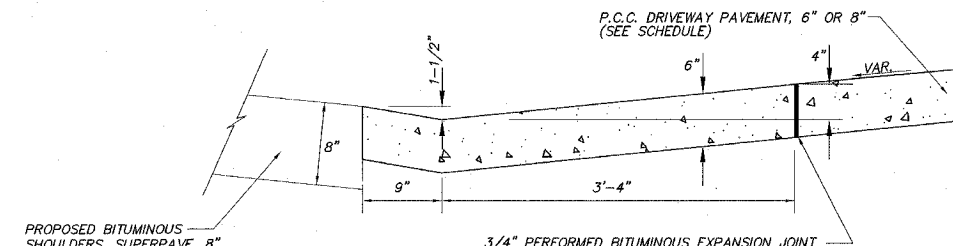


PROPOSED PRIVATE ENTRANCE DETAIL IN TAPER
NO SCALE

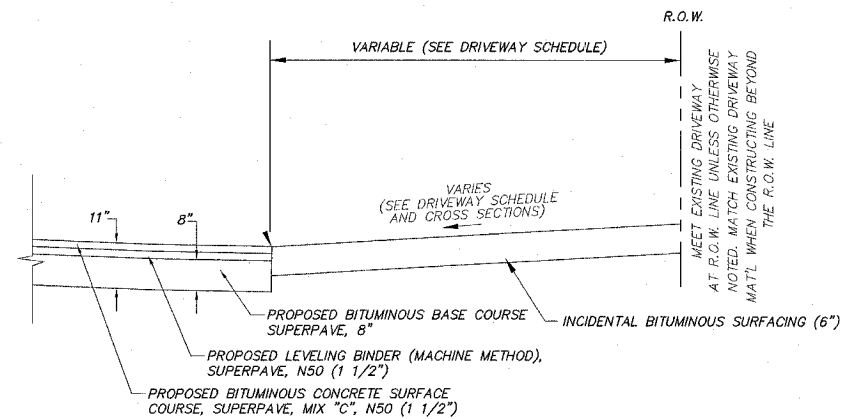


DETAIL-PRIVATE AND COMMERCIAL DRIVEWAY ENTRANCE
NO SCALE

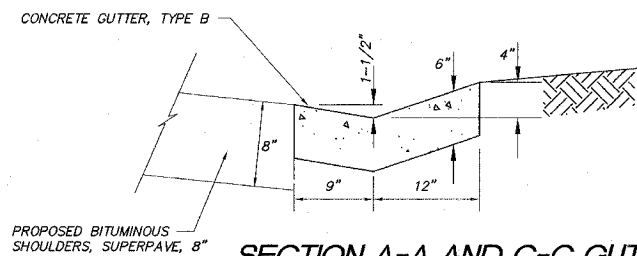
QUANTITY FOR GUTTER ENTRANCE,
SECTION B'-B' TO B-B = 0.076 CU. YD./FT
SECTION C-C TO B'-B' + B-B TO A-A
= 0.30 CU. YD.



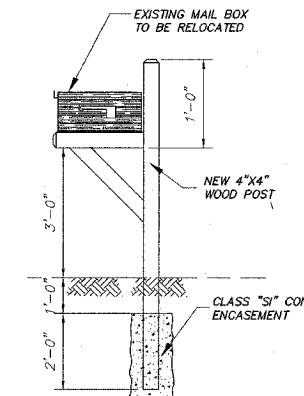
SECTION B-B AND B'-B' GUTTER ENTRANCE
NO SCALE



TYPICAL SECTION-PROPOSED PRIVATE DRIVEWAY ENTRANCE IN TAPER
NO SCALE



SECTION A-A AND C-C GUTTER ENTRANCE
NO SCALE



DETAIL - MAIL BOX SUPPORT
N.T.S.

DRIVEWAY SCHEDULE

STATION	RADIUS	WIDTH "A" (FT)	LENGTH "B" (FT)	LENGTH "C" (FT)	EXISTING MATERIAL	DRIVEWAY PAVEMENT REMOVAL (SQ. YDS.)	PCC DRIVEWAY PAVEMENT, 6" (SQ. YDS.)	PCC DRIVEWAY PAVEMENT, 8" (SQ. YDS.)	CLASS SI CONCRETE (OUTLET) (CU. YD.)	INCIDENTAL BIT. SURFACE (TONS)	AGGREGATE SURFACE COURSE, TYPE B (TONS)	TYPE OF ENTRANCE	EXISTING GRADE (%)	PROPOSED GRADE (%)	REMARKS
119+09.84 RT.	10	19	16	0	GRAVEL	-	-	-	-	22	2	PRIVATE	5.0	4.0	T.C.E. REQ'D
123+02.76 RT.	N/A	35	9	9	BITUMINOUS	97.0	-	35.0	3.0	20	-	COMMERCIAL	3.0	0.5	T.C.E. REQ'D
124+16.84 RT.	N/A	35	9	9	BITUMINOUS	87.9	-	35.0	3.0	20	-	COMMERCIAL	5.0	1.0	T.C.E. REQ'D
124+93.11 LT.	N/A	12	10.5	0	GRAVEL	-	14.0	-	1.2	-	1	PRIVATE	3.8	10.0	T.C.E. REQ'D
127+33.49 RT.	N/A	32	9.5	0	CONCRETE	119.0	-	33.8	2.8	-	-	COMMERCIAL	1.3	1.3	NONE
127+60.62 LT.	N/A	25	10.5	0	CONCRETE	137.1	-	29.2	2.2	-	-	COMMERCIAL	2.0	2.0	NONE
130+00 LT.	N/A	20	10.0	8.5	GRAVEL	-	41.1	-	1.9	-	2	PRIVATE	1.0	0.5	T.C.E. REQ'D
130+68.88 LT.	N/A	12	10.5	8	BITUMINOUS	34.8	-	14.0	1.2	5	-	PRIVATE	1.0	1.0	T.C.E. REQ'D
131+22.31 RT.	N/A	19	9.5	0	CONCRETE	91.75	-	26.4	2.1	-	-	COMMERCIAL	2.0	2.0	NONE
131+52.62 RT.	N/A	19	9.5	0	CONCRETE	91.75	-	26.4	2.1	-	-	COMMERCIAL	2.0	0	NONE
131+56.15 LT.	N/A	35	10.5	0	CONCRETE	127.8	-	40.8	3.0	-	-	COMMERCIAL	2.0	2.0	T.C.E. REQ'D
133+34.61 RT.	N/A	24	9.3	0	EARTH	-	24.8	-	2.2	-	-	FIELD ENTRANCE	4.3	3.0	NONE
134+15.95 LT.	N/A	35	10.7	0	CONCRETE	133.0	-	41.6	3.0	-	-	COMMERCIAL	10.0	6.0	NONE
135+25.97 LT.	N/A	24	10.5	0	CONCRETE	60.9	-	28.0	2.2	-	-	COMMERCIAL	6.0	5.0	T.C.E. REQ'D
137+81.32 LT.	N/A	24	10.5	0	EARTH	-	-	28.0	2.2	-	-	COMMERCIAL	0	0	T.C.E. REQ'D
138+85.50 RT.	N/A	35	9.5	0	CONCRETE	116.8	-	37.0	3.0	-	-	COMMERCIAL	1.0	1.0	NONE
139+59 RT.	N/A	35	9.5	0	CONCRETE	129.3	-	37.0	3.0	-	-	COMMERCIAL	4.0	4.0	NONE
146+21.31 LT.	N/A	12	12	34	CONCRETE	45.5	54.1	-	1.2	-	-	PRIVATE	14.0	10.5	T.C.E. REQ'D
147+68.97 RT.	10	12	18	22	BITUMINOUS	72.2	-	-	-	27	-	COMMERCIAL	3.0	4.0	T.C.E. REQ'D
148+58.99 LT.	10	12	18	0	BITUMINOUS	37.6	-	-	-	16	-	PRIVATE	2.0	2.0	NONE
DWY PUMP HOUSE ROAD	10	12	N/A	17	BITUMINOUS	27.0	-	-	-	11	-	COMMERCIAL	0.2	0.7	T.C.E. REQ'D
TOTALS						1,409.4 SQ. YD.	148.0 SQ. YD.	398.2 SQ. YD.	39.3 CU. YD.	121 TONS	5 TONS				

T.C.E. = TEMPORARY CONSTRUCTION EASEMENT

GENERAL NOTES

- THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2002 AND THE SPECIAL PROVISIONS OF THE PROJECT CONTRACT.
- INFORMATION ON THE PLANS REGARDING UTILITIES IS TAKEN FROM THE BEST AVAILABLE RECORDS, BUT IS NOT REPRESENTED AS BEING CORRECT OR COMPLETE. THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. IN ADVANCE OF CROSSING OVER OR UNDER UTILITIES.
- WHERE POSSIBLE STORM SEWER/UTILITY CONFLICTS EXIST, THE CONTRACTOR SHALL HAVE THE UTILITY COMPANY EXPOSE THEIR LINE TO DETERMINE EXACT LOCATIONS. THIS WORK SHALL BE DONE PRIOR TO THE FABRICATION OF STRUCTURES IN THE EVENT CHANGES IN THE DESIGN ARE NEEDED.
- THE CONTRACTOR SHALL USE ALL DUE PRECAUTION NOT TO DAMAGE OR DISTURB UTILITIES. THE ENTIRE COST OF MAKING REPAIRS TO, OR REPLACEMENT OF, ANY DAMAGED LINE WILL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR.
- ALL ELEVATIONS REFER TO MEAN SEA LEVEL.
- THE LIMITS OF ALL REMOVAL ITEMS SHALL BE SAWCUT FULL-DEPTH. ALL SAWCUTTING SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE IMPROVEMENT (EXCEPT SAW CUTTING OF PAVEMENT PATCHES) AND NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS WORK.
- THE CONTRACTOR, AT HIS EXPENSE, SHALL DISPOSE OF ALL EXCESS MATERIALS FROM EXCAVATION AND REMOVAL ITEMS IN ACCORDANCE WITH SECTION 202.03 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL CONSTRUCT TEMPORARY EROSION CONTROL SYSTEMS AS DIRECTED BY THE ENGINEER TO CONTROL EROSION AND SEDIMENT DAMAGE TO THE ROADWAY, ADJACENT PROPERTIES, AND WATER RESOURCES. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS AND HIGHWAY STANDARD 280001.
- BITUMINOUS CONCRETE BINDER AND SURFACE COURSE QUANTITIES HAVE BEEN CALCULATED USING A RATE OF 125 LB./S.Y.-IN.

FOSTERBURG ROAD IMPROVEMENTS-PHASE 1
 ALTON, ILLINOIS
 FAU ROUTE 9002
 ALTON SECTION 03-00218-00-WR
 DETAILS OF CONSTRUCTION

SMS ENGINEERS
 Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box E, Alton, IL 62002 618/462-0165 Fax: 618/462-0166
 10 Central Industrial Drive, Granite CO., IL 62040 618/877-4700 E-mail: ms@smsengineers.com

REVISIONS	
REF. BK.	PG.
JOB NO.	205889
DSN. BY:	CLA
DWN. BY:	CDP
CHK. BY:	JHH
DATE:	JANUARY, 2006
SCALE:	NO SCALE
SHEET	3 OF 38

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