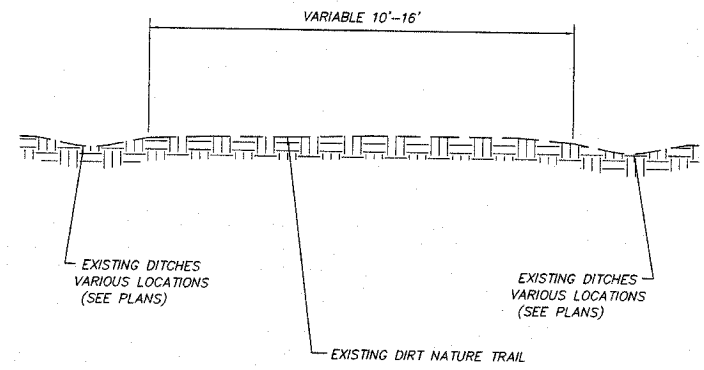


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	03-00017-00-BT	MADISON	19	2
MADISON COUNTY ILLINOIS		FED. AID PROJECT		
CONTRACT No. 97286				

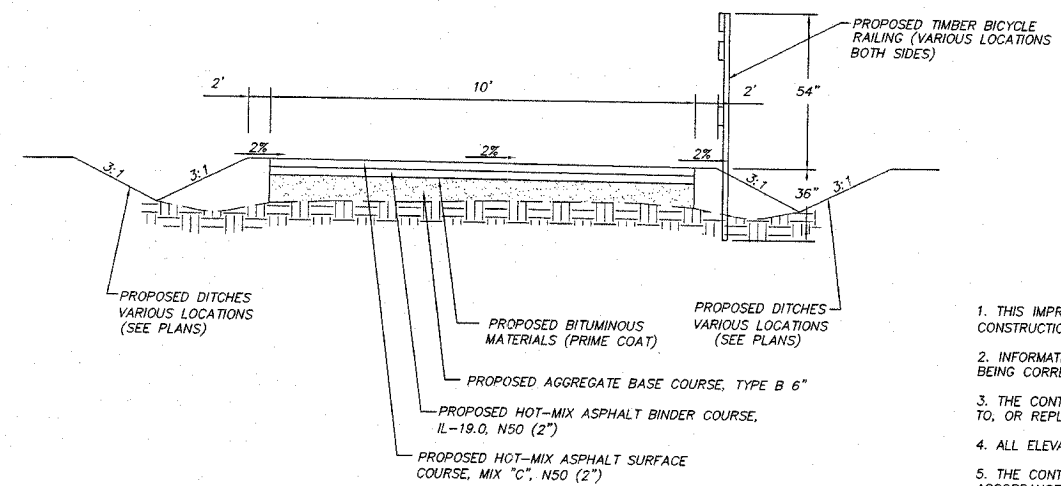
SUMMARY OF QUANTITIES

CODE NO.	ITEM	QUANTITY	UNIT
20100110	Tree Removal (6 to 15 Units Diameter)	83	Units
20100210	Tree Removal (Over 15 Units Diameter)	100	Units
20200100	Earth Excavation	169	Cu. Yd.
20400800	Furnished Excavation	2,202	Cu. Yd.
20800150	Trench Backfill	20	Cu. Yd.
21400100	Grading and Shaping Ditches	847	Foot
25000400	Nitrogen Fertilizer Nutrient	122	Pound
25000500	Phosphorus Fertilizer Nutrient	73	Pound
25000600	Potassium Fertilizer Nutrient	49	Pound
25000700	Agricultural Ground Limestone	1.8	Ton
25100105	Mulch, Method 1	0.9	Acre
28000400	Perimeter Erosion Barrier	2,250	Foot
28100105	Stone Riprap, Class A3	26	Sq. Yd.
28100107	Stone Riprap, Class A4	91	Sq. Yd.
28200200	Filter Fabric	117	Sq. Yd.
35101800	Aggregate Base Course, Type B 6"	2,494	Sq. Yd.
40600100	Bituminous Materials (Prime Coat)	625	Gallon
40603080	Hot-Mix Asphalt Binder Course, IL-19.0, N50	313	Ton
40603310	Hot-Mix Asphalt Surface Course, Mix "C", N50	313	Ton
50105200	Remove Existing Culverts	3	Each
50200100	Structure Excavation	18	Cu. Yd.
54001000	Box Culvert End Sections	2	Each
54011206	Precast Concrete Box Culvert 12'x6"	32	Foot
542C0223	Pipe Culverts, Class C, Type 1 18"	122	Foot
542C0229	Pipe Culverts, Class C, Type 1 24"	60	Foot
542C0235	Pipe Culverts, Class C, Type 1 30"	30	Foot
54215553	Metal End Sections 18"	7	Each
54215559	Metal End Sections 24"	1	Each
54215565	Metal End Sections 30"	2	Each
60255500	Manholes to be Adjusted	1	Each
60257900	Manholes to be Reconstructed	2	Each
67100100	Mobilization	1	L. Sum
70101700	Traffic Control and Protection	1	L. Sum
XX006785	Timber Bicycle Railing	528	Foot
XX004033	Clean Existing Culverts	1	Each
X1005421	Seeding (Special)	0.9	Acre
*XX006783	Sign Panel, Furnished and Installed	2	Each
*XX006784	Sign Panel, Furnished Only	1	Each

*SPECIALTY ITEMS



EXISTING TYPICAL SECTION LAVISTA PARK NATURE TRAIL
STA. 0+00 TO STA. 22+26.22 NO SCALE



PROPOSED TYPICAL SECTION LAVISTA PARK NATURE TRAIL
STA. 0+00 TO STA. 22+26.22 NO SCALE

HOT-MIX ASPHALT MIXTURE TABLE

ROUTE	
SECTION	03-00017-00-BT
COUNTY	MADISON
CONTRACT	

DESCRIPTION: LAVISTA PARK NATURE TRAIL

MIXTURE USE	SURFACE COURSE	BINDER
AC/PG	PG 64-22	PG 64-22
RAP % MAX	10%	15%
DESIGN AIR VOIDS	4% @ Ndes = 50	4% @ Ndes = 50
MIX COMPOSITION (GRADATION MIXTURE)		IL 19.0
FRICITION AGG	MIXTURE C	MIXTURE B

GENERAL NOTES

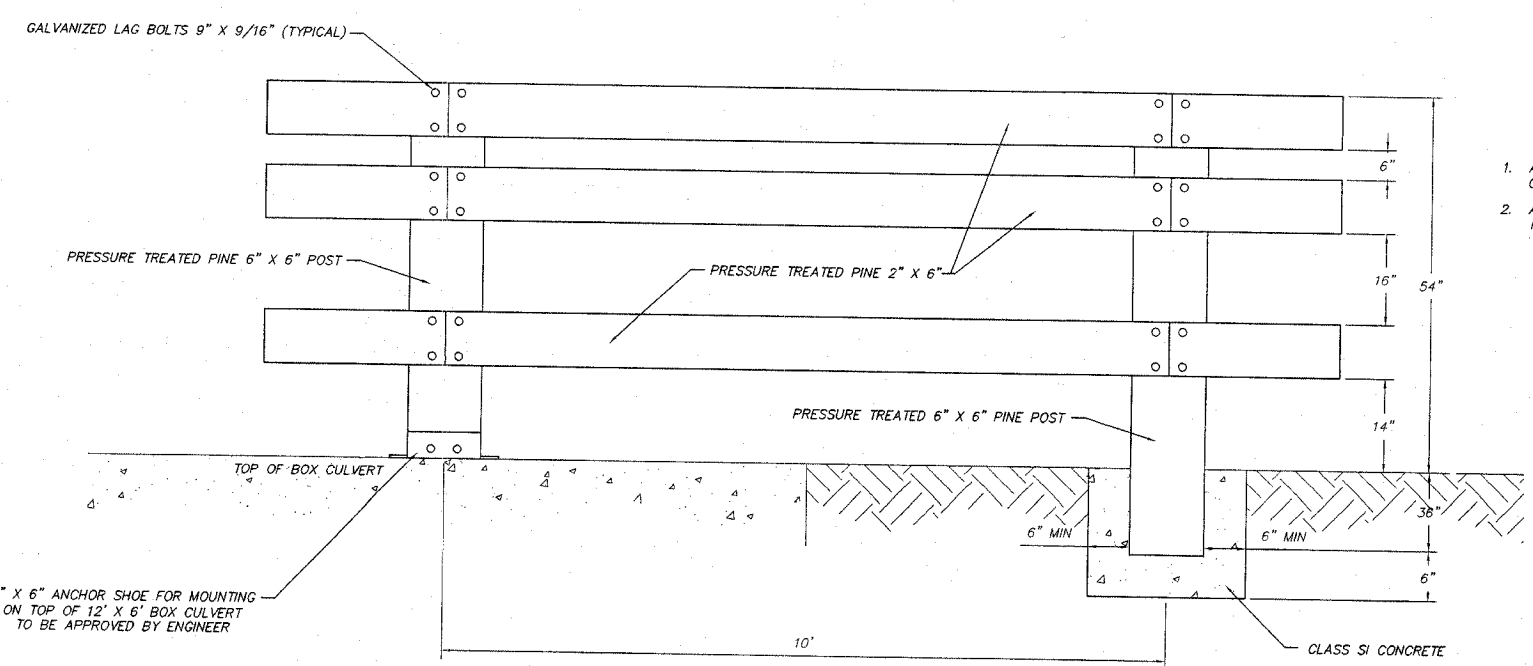
- THIS IMPROVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE I.D.O.T. "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007 AND THE SPECIAL PROVISIONS FOR THIS PROJECT.
- INFORMATION ON THE PLANS REGARDING UTILITIES IS TAKEN FROM THE BEST AVAILABLE RECORDS, BUT IS NOT REPRESENTED AS BEING CORRECT OR COMPLETE. THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. IN ADVANCE OF CROSSING OVER OR UNDER UTILITIES.
- 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 U.S.G.S. MEAN SEA LEVEL.
- 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.
- ALL EXCAVATIONS SHALL BE PROTECTED, IF NOT BACKFILLED THE SAME DAY, BY BARRICADES, APPROPRIATE LIGHTS, AND FENCING. COST FOR PROVIDING ABOVE SHALL BE INCLUDED IN THE CONTRACT PAY ITEM FOR TRAFFIC CONTROL AND PROTECTION.
- HOT-MIX ASPHALT BINDER AND SURFACE COURSE QUANTITIES HAVE BEEN CALCULATED USING A RATE OF 125 LB/SY-IN. BITUMINOUS MATERIALS (PRIME COAT) QUANTITY HAS BEEN CALCULATED USING A RATE OF 0.25 GAL/SY.

SUPERELEVATION TABLE

STA	Edge of Pavement Elevation (LT)	Pavement Cross Slope (FT/FT) (LT)	Centerline Pavement Elevation	Pavement Cross Slope (FT/FT) (RT)	Edge of Pavement Elevation (RT)	Remarks
14+25	441.08	0.02	440.98	-0.02	440.88	FULL SUPER ELEVATION
14+50	440.69	0.02	440.59	-0.02	440.49	FULL SUPER ELEVATION
14+73.43	440.75	0.02	440.65	-0.02	440.55	BEGIN S.E. TRANSITION
14+98.43	440.81	0.00	440.81	0.00	440.81	S.E. TRANSITION
15+23.43	440.87	-0.02	440.97	0.02	441.07	FULL SUPER ELEVATION
15+50	441.05	-0.02	441.15	0.02	441.25	FULL SUPER ELEVATION
15+75	441.21	-0.02	441.31	0.02	441.41	FULL SUPER ELEVATION
16+00	441.37	-0.02	441.47	0.02	441.57	FULL SUPER ELEVATION
16+05.17	441.41	-0.02	441.51	0.02	441.61	BEGIN S.E. TRANSITION
16+20.17	441.71	0.00	441.71	0.00	441.71	S.E. TRANSITION
16+25	441.84	0.0067	441.81	-0.0067	441.78	S.E. TRANSITION
16+35.17	442.14	0.02	442.04	-0.02	441.94	FULL SUPER ELEVATION
16+50	442.58	0.02	442.48	-0.02	442.38	FULL SUPER ELEVATION

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION (CUBIC YARD)	EARTH EXCAVATION ADJUSTED FOR 25% SHRINKAGE (CUBIC YARD)	EMBANKMENT (CUBIC YARD)	EARTH BALANCE WASTE (+) OR SHORTAGE (-) (CUBIC YARD)
LAVISTA PARK NATURE TRAIL STA. 0+00 TO STA. 22+26.22	169	127	2,329	-2,202



TIMBER BICYCLE RAILING
NO SCALE

- ALL HARDWARE TO BE GALVANIZED STEEL OR AS APPROVED BY THE ENGINEER
- ALL WOOD TO BE PRESSURE TREATED PINE OR AS APPROVED BY THE ENGINEER

REVISIONS

SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
115 Janet Street, P.O. Box E, Alton, IL 62002 618/462-9755 E-mail: mail@smsengineers.com
10 Central Industrial Drive, Granite City, IL 62040 618/877-8700 E-mail: mail@smsengineers.com
DESIGN FIRM # 184-000992

VILLAGE OF GODFREY, ILLINOIS
LAVISTA PARK NATURE TRAIL IMPROVEMENTS
GODFREY SECTION 03-00017-00-BT
SUMMARY OF QUANTITIES, TYPICAL SECTIONS, AND GENERAL NOTES

DWG. NO.	CONSTDET.DWG
REF. BK.	PS
JOB NO.	436010
DSN. BY.	CLA
DWN. BY.	CDP
CHK. BY.	JHH
DATE:	JUNE, 2006
SCALE:	N.T.S.
SHEET	2 OF 19