

TRENCH BACKFILL

STA. 17+97.00, 25.87' RT. TO STA. 17+97.00, 24.13' LT.	8.0 CU. YD.
STA. 16+00.00, 14.00' LT. TO STA. 17+50.00, 14.00' LT.	33.0 CU. YD.
STA. 16+95.53, 20.00' RT. TO STA. 17+00.00, 20.00' RT.	9.0 CU. YD.
TOTAL	50.0 CU. YD.

WATER MAIN 3"

STA. 15+16.27, 48.34' LT. TO STA. 17+88.07, 66.42' LT.	305 FT.
TOTAL	305 FT.

STEEL CASINGS 4"

STA. 15+50.00, 21.38' RT. TO STA. 17+91.25, 20.00 RT.	243 FT.
TOTAL	243 FT.

STEEL CASINGS 8"

STA. 16+25.00, 13.67' LT. TO STA. 17+50.00, 13.67' LT.	125 FT.
STA. 17+53.95, 14.33' LT. TO STA. 17+68.73, 35.94' LT.	27 FT.
TOTAL	152 FT.

REMOVAL OF EXISTING STRUCTURES

* LOCATION	EACH
STA. 16+64.12 LT.	1
TOTAL	1 EACH

* SEE STRUCTURE REMOVAL DETAILS SHEET FOR REMOVAL LIMITS

STEEL END SECTIONS, 15"

STA. 14+83.60, 50.10' RT.	1 EACH
STA. 15+31.50, 42.90' RT.	1 EACH
STA. 17+50.00, 23.44' LT.	1 EACH
TOTAL	3 EACH

STEEL END SECTIONS, 30"

STA. 17+97.74, 26.54' RT.	1 EACH
STA. 19+02.57, 30.30' RT.	1 EACH
STA. 19+34.66, 32.13' RT.	1 EACH
TOTAL	3 EACH

CHAIN LINK FENCE TO BE RELOCATED

STA. 18+02 LT. TO STA. 20+44 RT.	238 FOOT
TOTAL	238 FOOT

CHAIN LINK FENCE REMOVAL

STA. 17+71 LT. TO STA. 17+94 RT.	86 FOOT
TOTAL	86 FOOT

AGGREGATE SHOULDERS, TYPE B

STA. 13+92.00 TO STA. 16+71.10, RT.	229 SQ. YD.	78 TON
STA. 13+92.00 TO STA. 16+68.12, LT.	196 SQ. YD.	67 TON
STA. 17+20.05 TO STA. 22+65.00, LT.	302 SQ. YD.	104 TON
STA. 17+23.03 TO STA. 22+65.00, RT.	235 SQ. YD.	81 TON
TOTAL	330 TON	

BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50

STA. 13+92.00 TO STA. 22+65.00	2322 SQ. YD.	911 TON
TOTAL	911 TON	

BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50

STA. 13+92.00 TO STA. 22+65.00	2322 SQ. YD.	261 TON
TOTAL	261 TON	

BITUMINOUS MATERIALS (PRIME COAT)

STA. 13+92.00 TO STA. 22+65.00	2322 SQ. YD.	1219 GAL.
TOTAL	1219 GAL.	

AGGREGATE SURFACE COURSE, TYPE B 6"

STA. 19+16.92, RT.	67 SQ. YD.	23 TON
TOTAL	23 TON	

PIPE CULVERT REMOVAL

TYPE	LOCATION	LENGTH	FOOT
10" PVC	STA. 18+16.68, 13.5' LT. TO PROPOSED RIGHT DITCH	55	FOOT
12" CLAY	STA. 18+19.32, 13.5' LT TO PROPOSED RIGHT DITCH	55	FOOT
30" CMP	STA. 19+07.80, 2.37' RT. TO STA. 19+40.20, 7.50' RT.	33	FOOT
8" PVC	STA. 19+43.73, 19.4' RT TO PROPOSED RIGHT DITCH	25	FOOT
15" PVC	STA. 19+45.27, 20.6' RT TO PROPOSED RIGHT DITCH	26	FOOT
TOTAL	194	FOOT	

SUB-BASE GRANULAR MATERIAL, TYPE B

STA. 13+92.00 TO STA. 22+65.00	2322 SQ. YD.	1587 TON
TOTAL	1587 TON	

BITUMINOUS SURFACE REMOVAL (BUTT JOINT)

STA. 13+72.00 TO STA. 13+92.00	54 SQ. YD.
STA. 22+65.00 TO STA. 22+85.00	47 SQ. YD.
TOTAL	101 SQ. YD.

BITUMINOUS SHOULDERS, 6"

STA. 16+68.12 TO STA. 17+20.05, LT.	34 SQ. YD.
STA. 16+71.10 TO STA. 17+23.03, RT.	34 SQ. YD.
TOTAL	68 SQ. YD.

THERMOPLASTIC PAVEMENT MARKING LINE 4"

STA. 13+92.00 TO STA. 22+65.00, LT.	915.8 FOOT
STA. 13+92.00 TO STA. 22+65.00, CENTERLINE LT.	913.1 FOOT
STA. 13+92.00 TO STA. 22+65.00, CENTERLINE RT.	913.0 FOOT
STA. 13+92.00 TO STA. 22+65.00, RT.	910.4 FOOT
TOTAL	3653 FOOT

STEEL PLATE BEAM GUARDRAIL, TYPE A

	TOTAL LENGTH REQUIRED (FOOT)	RECYCLED LENGTH (FOOT)	NEW RAIL REQUIRED (FOOT)
STA. 13+90.68 TO STA. 15+43.66, LT.	150.0	75.0	75.0
STA. 13+95.71 TO STA. 14+57.02, RT.	62.5	37.5	25.0
STA. 15+60.91 TO STA. 17+22.74, RT.	162.5	0.0	162.5
STA. 16+65.05 TO STA. 18+27.55, LT.	162.5	0.0	162.5
TOTAL	425.0		

TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (FLARED)

STA. 15+34.81 TO STA. 15+60.91, RT.	1 EACH
STA. 18+27.55 TO STA. 18+53.68, LT.	1 EACH
TOTAL	2 EACH

REMOVAL AND REINSTALLATION OF EXISTING STEEL PLATE BEAM GUARDRAIL, TYPE A

STA. 13+90.67, 16.00' LT. TO STA. 14+79.28, 38.12' LT.	87.5 FT.
STA. 13+95.71, 16.00' RT. TO STA. 14+32.53, 15.50' RT.	37.5 FT.
TOTAL	125 FT.

REMOVAL AND REINSTALLATION OF EXISTING TRAFFIC BARRIER TERMINAL, TYPE 1

STA. 14+32.53, 16.00' RT. TO STA. 14+58.74, 12.54' RT.	1 EACH
STA. 14+79.28, 38.12' LT. TO STA. 15+06.50, 45.70' LT.	1 EACH
TOTAL	2 EACH

MANHOLE, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID

STA. 17+96.92, 24.92' LT.	1 EACH
TOTAL	1 EACH

PAVEMENT REMOVAL

STA. 13+92.00 TO STA. 16+41.32	720 SQ. YD.
STA. 17+40.68 TO STA. 22+65.00	1335 SQ. YD.
TOTAL	2055 SQ. YD.

PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 15"

STA. 17+50.00, 23.44' LT. TO STA. 17+94.47, 24.81' LT.	45 FT.
TOTAL	45 FT.

PIPE CULVERTS, TYPE 2, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 15"

STA. 14+83.60, 50.10' RT. TO STA. 15+31.50, 42.90' RT.	52 FT.
TOTAL	52 FT.

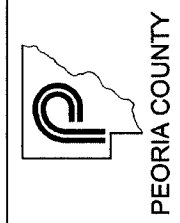
PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 30"

STA. 17+96.96, 22.76' LT. TO STA. 17+97.74, 26.54' RT.	50 FT.
STA. 19+02.57, 30.30' RT. TO STA. 19+34.66, 32.13' RT.	43 FT.
TOTAL	93 FT.

EARTHWORK

A. EARTH EXCAVATION	12,552.58	CU. YD.
B. FILL	2,890.08	CU. YD.
C. FILL X 1.25 (25% SHRINKAGE FACTOR APPLIED)	361.3	CU. YD.
D. WASTE (C.-A.)	-894.0	CU. YD.

REVISION	DATE



Hanson No. 96P9008A	06/08/98
Element: C-003SCH.DWG	12/16/04
Scale: N/A	JOS
Date: 12/16/2004	CDP
	REVIEWED
	CAL

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