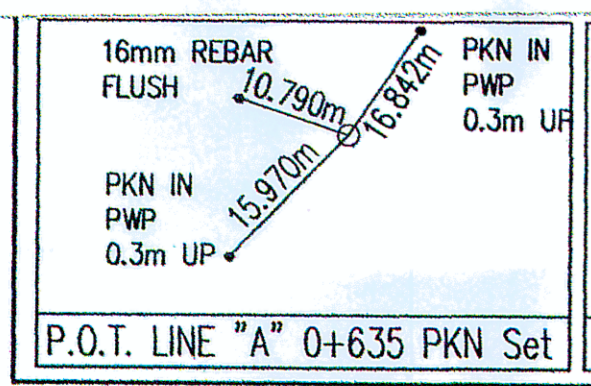


Earthwork Balance		
Line	Cut	Fill
"A"	4,844	9,276
"S-1-A"	4,495	947
Approaches	417	442
MOT	1,477	168
	11,233 m ³	10,833 m ³
Fill + 25%		= 13,541 m ³
Common Excavation		= 11,233 m ³
Borrow		= 2,308 m ³

LEVEL EQUATION
 Clark Dietz, Inc. BM#1
 = 117.193m
 384.49'
 = 384.69' BLA Survey
 (NVDG 29)

ALL R/W ON THIS SHEET TO BE AS SHOWN
 ALL R/W ON THIS SHEET DESCRIBED FROM
 LINE "A" EXCEPT AS SHOWN

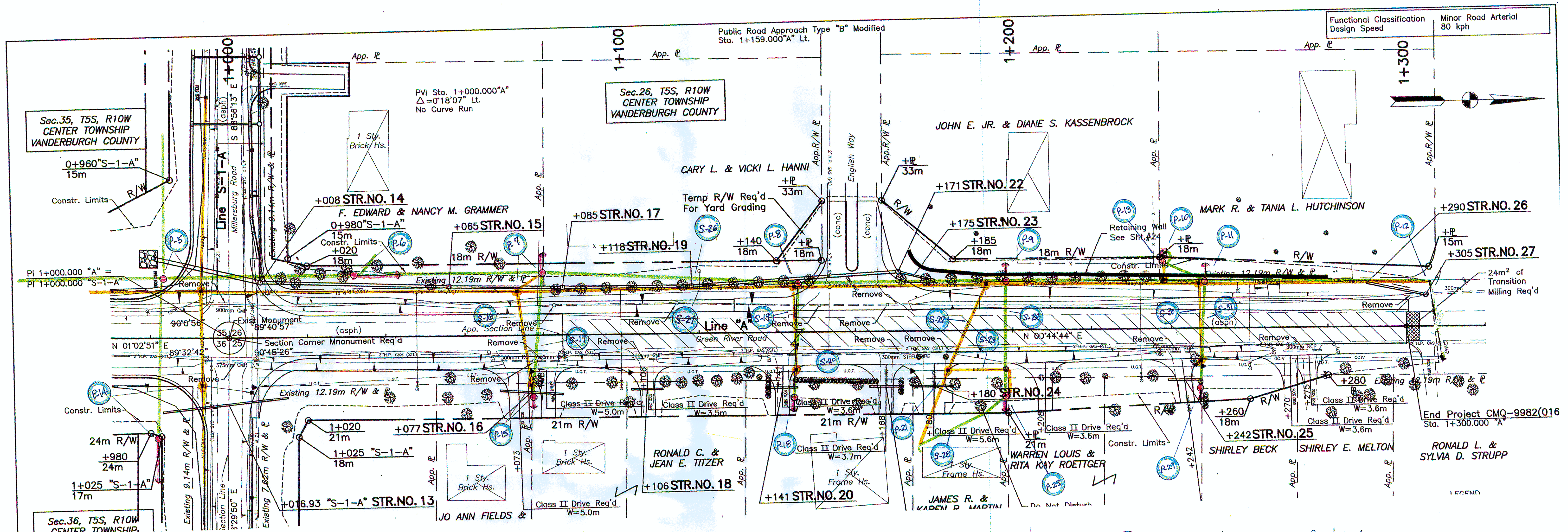
- P-1** 0+838.3, 15.24m.L. - **INSTALL** 50'2" POLE, POLE GND (SET @ 6' DEPTH - 4' FILL),
 POLE TO NEUT BKT, 3-18" POLE BKT ASSY, 3 PWS & INSUL
- 0+852.1, 12 m.L. - **REMOVE** 45'4" POLE, POLE TO NEUT BKT 3-18" POLE BKT ASSY,
 3 PWS & INSUL (CATV ATTACHED)
- P-2** 0+912, 15.24m.L. - **INSTALL** 50'2" POLE, POLE GND (SET @ NORMAL DEPTH),
 DEL 10' XAS, 6 PRI DES, 2 NEUT. PWS & INSUL,
 HORIZONTAL GOAB SWITCH, 6 PWS (SWITCH & _____)
 - NORMALLY CLOSED
- 0+928 12 m.L. - **REMOVE** 45'4" POLE, POLE TO NEUT BKT, 3-18" POLE BKT ASSY,
 3 PWS & INSUL (CATV ATTACHED)
- S-3** **INSTALL** 735' FEET (FM D+810.000 TO D+833.000) - 3+5MMMS
 3 PHASE 6.26 AAC PRIMARY W/ 355 AAC
- S-4** **REMOVE** 735' FEET 3 PHASE 355 AAC PRIMARY W/ 36 NEUT.



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: M.D.L.	DRAWN: M.D.L.	
CHECKED: D.A.V.	CHECKED: D.A.V.	

INDIANA DEPARTMENT OF TRANSPORTATION
 PLAN AND PROFILE
 LINE "A"

HORIZONTAL SCALE	1:500
VERTICAL SCALE	1:50
SURVEY BOOK	9
CONTRACT	43

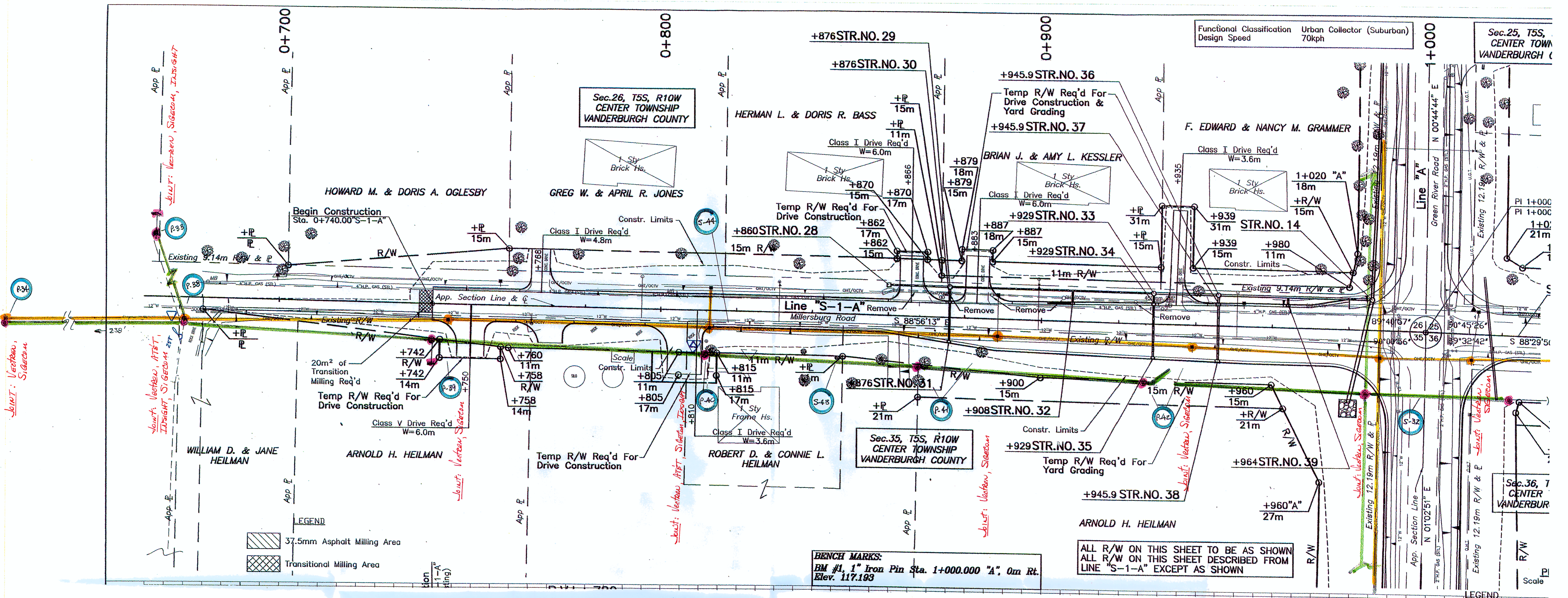


- P-5 0+933.2, 15.24 ML - ~~INSTALL~~ 55'2" POLE, POLE GND (SET 10' DEEP), 2 SETS DBL 10' KVA (NORTH/SOUTH OR TOP), 16 AWG INSUL, 636/355 WINDERS.
- 0+993 12 ML - ~~REMOVE~~ 45' POLE, 3 XAS, 7 AWG INSUL, 6 PRI DES, 2 NEUT DES, 10 KVA TRANSF, 15' #4 TX SEC, 80' SPAN GUY. (SIGECOM ATTACHED)
- P-6 1+033 15.5 ML - ~~INSTALL~~ 50'2" POLE, POLE GND, 1 HD 10' KVA, 3-636 AAC PRI DES, 3-355 AAC PRI DES, 355 AAC NEUT DE, 2/6 AAC NEUT DE, 2 AWG INSUL DB/ANC TO NORTH (16M, 40' L) GOAB SWITCH (# D.1359), 6 AAS.
- P-7 1+079.1, 15.5 ML - ~~INSTALL~~ 50'2" POLE, POLE GND, POLE TOP NEUT BKT, 3-18" POLE BKTS (DBL), DB/ANC TO WEST (16M, 15' L), 2 CLOS, 25 KVA 120/240V TRANSF, 36 TX DE, 16 #2 AL PRI RISER, 16 #2 AL PRI RISER, 16 TX SEC DE.
- 1+073.5, 11.5 ML - ~~REMOVE~~ 45' POLE, NEUT BKT, 3-18" POLE BKT, 2 CLOS, 16 PRI RISER, ABANDON 35' 16 #2 AL PRI CABLE. (SIGECOM, INSIGHT ATTACHED)
- P-8 1+143.5, 12 ML - ~~INSTALL~~ 50'2" POLE, POLE GND, POLE TOP NEUT BKT, 3-18" POLE BKTS, 16M HG TO EAST, C/O ARR, 25 KVA 120/240V TRANSF, 16 TX SEC DE.
- 1+144.5, 11.5 ML - ~~REMOVE~~ 45' POLE, NEUT BKT, DBL 8' XAS, 3-600 AMP DISC SW, 2-18" POLE BKTS, ARR, PRI & NEUT DE.
- P-9 1+198, 12 ML - ~~INSTALL~~ 45' POLE, POLE GND, POLE TOP NEUT BKT, 3-18" POLE BKTS, DB/ANC TO WEST (8M, 15' L), C/O ARR, 25 KVA 120/240V TRANSF, 36 TX DE.
- 1+193, 11.6 ML - ~~REMOVE~~ 45' POLE, NEUT BKT, 3-18" POLE BKTS, C/O ARR, 10 KVA TRANSF, 30 TX DE. (SIGECOM/INSIGHT ATTACHED)
- P-10 1+239, 19 ML - ~~INSTALL~~ 50 KVA 120/240-7200V PARADIGM TRANSF, PAD, 2 ELBOWS.
- 1+238 12 ML - ~~REMOVE~~ 75 KVA PARADIGM TRANSF, ABANDON 35' 10 AL PRI CABLE.

- P-11 1+248.5, 12 ML - ~~INSTALL~~ 50'2" POLE, POLE GND, POLE TOP NEUT BKT, 4-18" POLE BKTS, PRI DE TO WEST (TAPPED SOLID), C/O ARR, 25 KVA 120/240V TRANSF, 36 TX DE, DB/ANC (8M, 15' L), 35' SPAN 10 AAC PRI RISER.
- 1+246.9, 11.2 ML - ~~REMOVE~~ 45' POLE, NEUT BKT, 4-18" POLE BKTS, C/O ARR, 16 #4 AL PRI RISER, ARR, 15 KVA TRANSF, 16 TX DE, #4 TX DE, (SIGECOM/INSIGHT ATTACHED)
- P-12 1+306, 11.2 ML - ~~INSTALL~~ 36 PRI & NEUT DBL DES.
- P-13 1+198, 17.2 ML - ~~INSTALL~~ 35'4" POLE, POLE GND, 16 AL PRI DE, 2 POLE BKTS, C/O (LST), 16 AL PRI RISER, NEUT BKT.
- P-14 0+982.8, 25.5 MR - ~~INSTALL~~ 50'2" POLE, POLE GND, PPA, 8' HD XA, 3-636 PRI DES, 355 AAC NEUT DE, 3-10 AL PRI DES, 16 AL NEUT DE, 3 AAS, DB/ANC (32M, 40' L).
- 0+993.2, 12 MR - ~~REMOVE~~ 40'4" POLE, DBL 8' XAS, 6 PRI DES, 75' SPAN GUY, DB/ANC (SIGECOM ATTACHED)
- P-15 1+079.1, 15.5 MR - ~~INSTALL~~ 35'4" POLE, POLE GND, 16 TX DE, 2 #2 TX DES, DB/ANC (8M, 10' L).
- 1+076.5 12.7 MR - ~~REMOVE~~ 30'5" POLE, 16 TX DE, 2 #2 TX DES (INSIGHT ATTACHED)
- S-16 ~~REMOVE~~ 85' SPAN 10 TX SEC.
- S-17 ~~INSTALL~~ 100' SPAN 16 TX SEC.
- P-18 1+144.5, 17 MR - ~~INSTALL~~ 35'4" POLE, POLE GND, 16 TX DE, #2 TX DE, DB/ANC (16M, 10' L).
- 1+145, 9.5 MR - ~~REMOVE~~ 35'5" POLE, #2 AL PRI & NEUT DES, 25 KVA CSP TRANSF, #2 TX DE. (SIGECOM/INSIGHT ATTACHED)

- S-19 ~~REMOVE~~ 70' SPAN #2 ACER PRI & NEUT.
- S-20 ~~INSTALL~~ 100' SPAN 16 TX, SPAN GUY.
- P-1 1+183.2 10 MR - ~~REMOVE~~ 45' POLE, 36 TX DE, 2-46 TX UAD SVC RISERS, (SIGECOM ATTACHED)
- S-21 ~~REMOVE~~ 85' SPAN 36 TX.
- S-22 ~~ABANDON~~ 75' 46 UAD SVC & 70' 46 UAD SVC.
- S-23 ~~INSTALL~~ 110' SPAN 36 TX.
- P-25 1+198.5 18 MR - ~~INSTALL~~ 35'4" POLE, 36 TX DE, 2-46 TX SVC RISERS, DB/ANC
- S-24 ~~DIRECTIONAL BORE~~ 85' ACROSS YARD TO MEET 46 TX UAD SVC AT SOUTH SIDE DEWEWAY. ~~INSTALL~~ 2" CONDUIT, 46 TX. SPLICE INTO EXISTING SER
- P-24 1+247, 15 MR - ~~INSTALL~~ 35'4" POLE, POLE GND, 36 TX DE, #4 TX DE, 16 TX DE, RISER, DB/ANC (8M, 10' L).
- 1+247.5 8 MR - ~~REMOVE~~ 35'4" POLE, 16 TX DE, #4 TX DE, 16 TX DE, 46 RISER. (SIGECOM/INSIGHT ATTACHED)
- S-30 ~~INSTALL~~ 85' SPAN 36 TX SEC.
- S-31 ~~REMOVE~~ 65' SPAN 16 TX SEC.
- S-26 ~~INSTALL~~ 915' (5 SPANS) 36 355 AAC PRIMARY W/ 3/6 AAC NEUT.
- S-27 ~~REMOVE~~ 915' (5 SPANS) 36 355 AAC PRIMARY W/ 3/6 AAC NEUT.

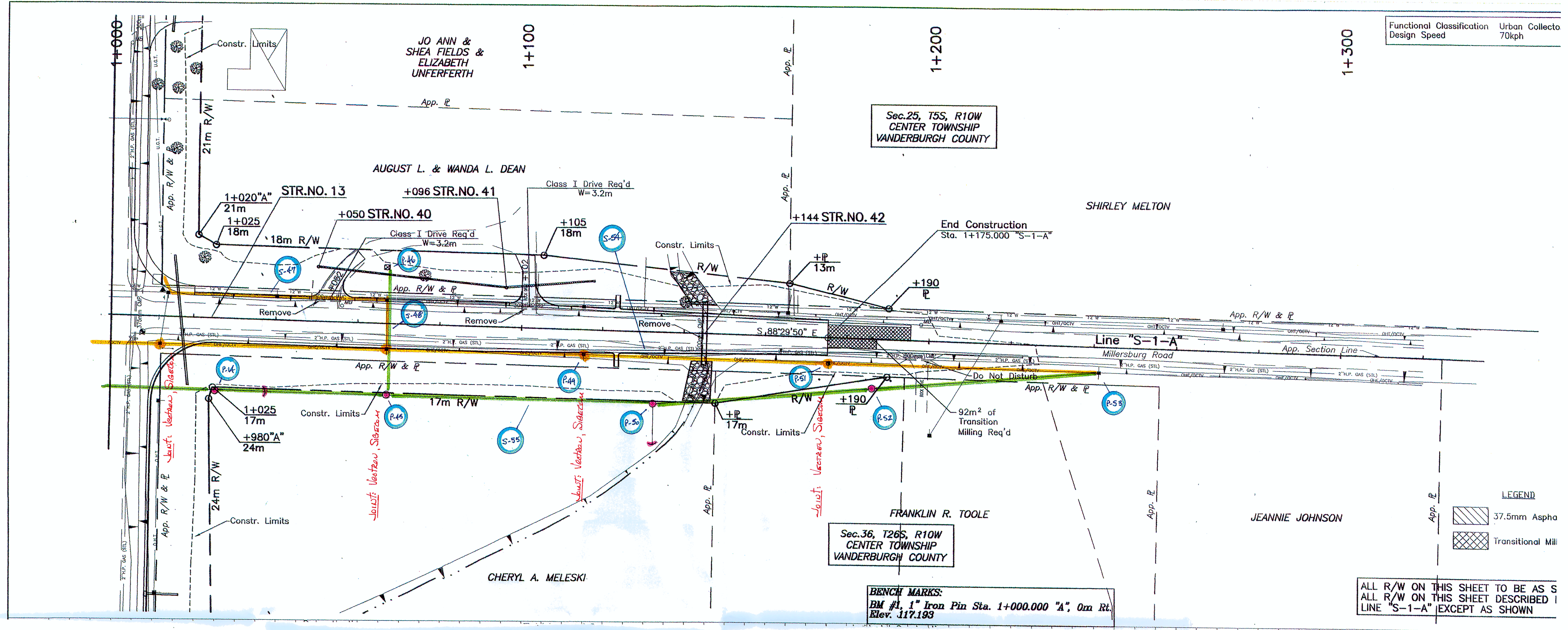
			RECOMMENDED FOR APPROVAL: <i>[Signature]</i> DATE: 1/21/2008 DESIGN ENGINEER	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1:500 VERTICAL SCALE: 1:50
P.O.T. LINE "A" 1+300 PKN Set P.I. LINE "A" 1+000 1" I.P. Fnd			DESIGNED: M.D.L. CHECKED: D.A.V.	DRAWN: M.D.L. CHECKED: D.A.V.	SURVEY BOOK: 11 of 52 CONTRACT: R-30653 PROJECT: CMQ-9982(016)



- P-33 D+667.7, 16.5 m L - REMOVE 35'5" POLE, 8m HG, 8m DB, 16 TX SEC DE, 2-#2 TX SVL DES, NITE LIGHT.
INSTALL 35'4" POLE, PLE GND, 16m HG, 16m DB, 16 TX SEC DE, 2-#2 TX SVL DES, NITE LIGHT.
- P-34 D+586.8, 6 m R - INSTALL 45' POLE, PLE GND, 3-18" POLE BKT ASSY, 3 ANS & INSUL, NEXT BKT.
REMOVE 40'4" POLE, 1A ANS & INSUL, NEXT BKT. (CATV ATTACHED)
- P-38 D+675, 6 m R - INSTALL 45' POLE, PLE GND, 3-18" POLE BKT ASSY, 6 ANS & INSUL (OVERHEAD), 8' 16m HG TO NORTH, 18" POLE BKT ASSY, #6 CU PRI & NEXT DES TO SOUTH, 06 (BL POSE 25T), 06 TRANSF-10T, 25 KVA 120/240-1200V TRANSF, 9KV ARR, NEXT BKT, 16 TX SEC DE. (CAUTION - CUSTOMER WATER VALVE & METER ARE CLOSE TO POLE.)
REMOVE 40'4" POLE, 2-SETS DBL 8'X4", PDS & INSUL, 8m HG, 16 TX DE, #6 CU PRI & NEXT DES, 06 ARR, 15 KVA TRANSF. (CATV ATTACHED)
- P-39 D+740, 9.3 m R - INSTALL 45' POLE, PLE GND, 3-18" POLE BKT ASSY, 6 ANS & INSUL, NEXT BKT.
D+744, 4.1 m R - REMOVE 40'4" POLE, 8'X4, PDS & INSUL, NEXT BKT. (CATV ATTACHED)

- P-40 D+812.1, 11.3 m R - INSTALL 45' POLE, PLE GND, 3 POLE BKT ASSY (18"), 3 PDS & INSUL, 3 C/O (2-10T 1-15T), 3-9KV CLUSTER MT, WYE-DELTA BANK (2-25 1-50 KVA 120/240-1200V TRANSF), NEXT BKT, 36 OX
D+813, 4.5 m R - REMOVE 40'4" POLE, 8'X4, PDS & INSUL, 3 C/O, 3 ARR, CLUSTER MT, 2-25/1-50 KVA TRANSF, NEXT BKT 3/6 OX SVL RISER, 35' SPAN #4 TX TO NORTH. 36 EQUIP MT.
- P-41 D+828.5, 12.8 m R - INSTALL 45' POLE, PLE GND, 3-18" POLE BKT ASSY, 3 ANS & INSUL, NEXT BKT.
D+888.5, 4.5 m R - REMOVE 40'4" POLE, DBL 8'X4", PDS & INSUL, NEXT BKT.
- P-42 D+927, 15.3 m R - INSTALL 45' POLE, PLE GND, DBL 8'X4", 6-636 AAC PRI DES, G04B SWITCH (D-1360), 6-9KV ARR, 0+934.5, 5.5 m R - REMOVE 40'4" POLE, DBL 8'X4", 3-600 AMP DISC SWITCHES, NEXT BKT, (CATV ATTACHED)
- S-32 S-43 INSTALL 1390' (7 SPANS) 3Φ 636 AAC PRI & 355 AAC NEXT.
- S-44 REMOVE 1265' 3Φ 3/0 ACSR PRI & 1/0 ACSR NEXT.

DESIGNED: M.D.L.	DRAWN: M.D.L.	PLAN AND PROFILE LINE "S-1-A"	SURVEY BOOK	11
CHECKED: D.A.V.	CHECKED: D.A.V.		CONTRACT	CMQ

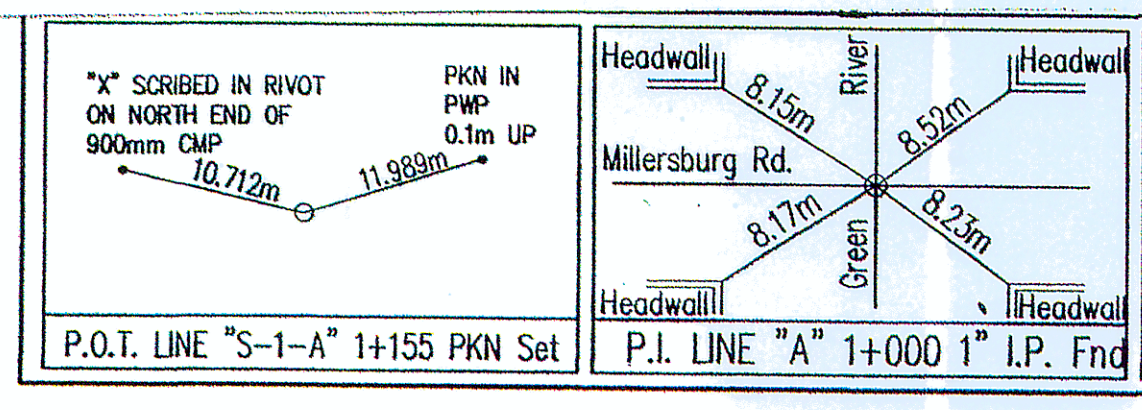


LEGEND
 37.5mm Aspha
 Transitional Mill

BENCH MARKS:
 BM #1, 1" Iron Pin Sta. 1+000.000 "A", 0m Rt.
 Elev. 117.193

ALL R/W ON THIS SHEET TO BE AS SHOWN
 ALL R/W ON THIS SHEET DESCRIBED IN
 LINE "S-1-A" EXCEPT AS SHOWN

- P47 (DUPLICATE OF SH. 10 (P4) ON LINE "A")
 1+012, 6.8 MR. - REMOVE 40' 4" POLE, DEL 8' X 8', 6 PRI DES, 75' SPAN GUY, DB/AUG (16m 25' L), 2 NEUT DE (CATV ATTACHED)
- 1+025.5 17.3 MR. - INSTALL 50' 2" POLE, ALGWD, PTP, 8' HD X 8', 3-63L ANZ PRI DES, 35S ACAR NEUT DE, 3-1/2 ANZ PRI DES, 1/2 ANZ NEUT DE, 3 ARS, DB/AUG (32m 40' L).
- P45
 1+067, 6 MR. - REMOVE 35' 4" POLE, 8' X 8', PTP, PWS/INSUL, C/O, ANZ, 25 KVA TRANSF, 50' SPAN 1/2 TX SEC, NEUT BKT. (CATV ATTACHED)
- 1+068, 17.3 MR. - INSTALL 45' 1" POLE, PLE GND, 8' X 8', PTP, PWS/INSUL, C/O (10T), ANZ, 25 KVA 120/240V TRANSF, 1/2 TX SEC DE, NEUT BKT.
- P46
 1+067, 5.8 ML. - 35'S AT&T POLE TO BE REMOVED. REMOVE NEUT BKT, 1/2 TX SEC DE, #2 TX SEC DE, #6 TX SERVICE RISER.
- 1+067, 13.5 ML. - AT&T TO SET 40' 2" POLE - INSTALL NEUT BKT, 1/2 TX SEC DE, #6 TX SERVICE RISER.
- S-47 REMOVE 195' (2 SPANS & SVE DRAP) #2 TX SEC.
- S-46 INSTALL 105' 1/2 TX SEC. REMOVE 45' SPAN 1/2 TX SEC.
- P-49 1+115.1, 6 MR. - REMOVE 35' 4" POLE, 8' X 8', NEUT BKT. (CATV ATTACHED)
- P-50 1+136.8, 17.3 MR. - INSTALL 45' 1" POLE, PLE GND, DBL 8' X 8', DBL PTP, PWS/INSUL, DB/AUG (16m 30' L), NEUT BKT.
- P-51 1+175, 6.4 MR. - REMOVE 40' 2" POLE, 8' X 8', NEUT BKT. (CATV ATTACHED)
- P-52 1+186, 12 MR. - INSTALL 45' 1" POLE, PLE GND, 8' X 8', PTP, PWS/INSUL, NEUT BKT.
- P-53 1+241, 6.2 MR. - INSTALL 3-1/2 ANZ PRI DES, 1/2 NEUT DE.
 REMOVE 2-1/2 PRI DES, #6cu PRI DE, #6cu NEUT DE.
- S-54 REMOVE 830' (5 SPANS) 2-1/2 ANZ PRI, 1-#6cu PRI, 1-#6cu NEUT.
- S-55 INSTALL 755' (4 SPANS) 30 1/2 ANZ PRI & NEUT.



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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: M.D.L.	DRAWN: O.L.S.	
CHECKED: D.A.V.	CHECKED: D.A.V.	

INDIANA DEPARTMENT OF TRANSPORTATION
 PLAN AND PROFILE
 LINE "S-1-A"

HORIZONTAL SCALE	BRT
1:500	
VERTICAL SCALE	DES
1:50	0
SURVEY BOOK	S
	12
CONTRACT	P
	CMQ