

March 14, 2007

Michigan Electric Transmission Company, LLC  
C/O NSI Consulting & Development, Inc.  
26657 Woodward Ave., Suite 100  
Huntington Woods, MI 48070

Attention: Executive Vice President and Chief Operating Officer

SUBJECT: Single Phase, 4800 Volt Distribution line  
Reference No: 06654291/Sage/Gladwin/Hall

REFERENCE: Amended and Restated Easement Agreement (the "Agreement") dated April 29, 2002, between Consumers Energy Company ("Consumers") and Michigan Electric Transmission Company, now Michigan Electric Transmission Company, LLC ("METC")

Pursuant to Section 7.1 of the Agreement, Consumers hereby notifies METC that Consumers intends to construct a single phase distribution line on certain land in which METC has an interest under the Agreement. The location of the land on which said line will be constructed, and a further description of the intended use, are set forth-on "Annex A", attached to this letter.

Under said Section 7.1 of the Agreement, METC must within 30 days of this notice notify Consumers, as "Initiating User," of whether or not METC approves the proposed use as a Compatible Use. If you do not notify us either way within 30 days of this notice, then, as provided in said Section 7.1, METC will be deemed to have approved the proposed use as being a Compatible Use. We would appreciate, however, receiving METC's express approval of the proposed use as being a Compatible Use as soon as possible so that we can start work without delay.

March 14, 2007

Page Two

Reference No: 06654291/Sage/Gladwin/Hall

This letter is being sent to you in duplicate. If METC agrees that the proposed use is a Compatible Use, please indicate that by signing and returning a copy of this letter to us as soon as possible, so that we can immediately proceed with construction. The other copy is for your records.

Very truly yours,

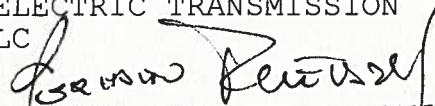


Stacie Lahr  
Consumers Energy  
One Energy Plaza  
Jackson, MI 49201

APPROVED:

MICHIGAN ELECTRIC TRANSMISSION  
COMPANY, LLC

By: \_\_\_\_\_

  
APPROVED APR 13 2007

Date: \_\_\_\_\_

ANNEX A

Reference No: 06654291/Sage/Gladwin/Hall

LAND TO BE IMPACTED:

Land located in the Township of Sage, County of Gladwin, State of Michigan, described as follows:

**That part of the Southwest 1/4 of Section 15, Township 19 North, Range 2 West.**

PROPOSED USE:

**Install a distribution line. New distribution will cross under an existing transmission line. The distance below transmission is 10 feet. See attached 391 form, drawing, and plan and profile for details.**

Prepared by:  
Stacie M Lahr 03/14/07  
Consumers Energy Company  
EP7-436  
One Energy Plaza  
Jackson, MI 49201



CU-255



Date: April 13, 2007

To: Barbara Mention/Fernando Guevara  
Real Estate and Rights of Way  
ITC

From: Ashley DuPree  
Engineering  
ITC

Subject: **UGL071131/CU-255**  
06654291/Sage/Gladwin/Hall  
Single Phase, 4800 Volt Distribution Line Pole Attachment

This request is hereby approved

Approved

by: David Doubley  
David Doubley  
Engineer

# NOTIFICATION OF PROPOSED LINE CONSTRUCTION REQUIRING COORDINATION WITH HVD AND/OR TRANSMISSION LINES

Send two (2) copies to:

Transmission Lines Design and Standards

Att: Justin Lancaster

Jackson, Michigan

**TO BE FILLED IN BY SYSTEM OWNER / ENGINEER / CES**

Headquarters Gladwin

Work Order No. 06654291

Date 03/09/2007

**PROPOSED DISTRIBUTION CONSTRUCTION**

Sketch Attached  Yes  No

Primary:

Voltage 4800V Phase Single

No. of Wires 2 Crossarms Per Pole 1

Wire Size #4 ACSR Length of Crossarms 8'

Distance Below Transmission 10'

Skip-Span  Yes  No

Secondary:

No. of Wires N/A Wire Size N/A

Other Details: \_\_\_\_\_

**PROPOSED COMMUNICATION CONSTRUCTION  
TO BE FILLED IN BY FIELD TECHNICIAN**

Cable Dia. \_\_\_\_\_

Weight/ft. \_\_\_\_\_

Strand Size \_\_\_\_\_

Tension \_\_\_\_\_

Pole Attachment Height \_\_\_\_\_

Map # \_\_\_\_\_ Pole # \_\_\_\_\_

**TO BE FILLED IN BY TRANSMISSION LINES DESIGN  
AND STANDARDS OR METC**

Clearance/Attachment Approved

Clearance/Attachment NOT Approved

Clearance requires further verification  Yes  No  
with Power System Analysis

Structural Integrity - Engineering Required  Yes  No

Calculated assuming STE rating of \_\_\_\_\_ °F Cond Temp

Checked By \_\_\_\_\_ Date \_\_\_\_\_

GWO No. \_\_\_\_\_

**METC Line**

**EXISTING DISTRIBUTION FACILITIES**

Description: \_\_\_\_\_

**LOCATION**

Township Sage

County Gladwin

Town 19 Range 02 Section 15

Transmission Line Involved Gallagher Bard Rd Line

Transmission Pole No. 1005

**REMARKS:**

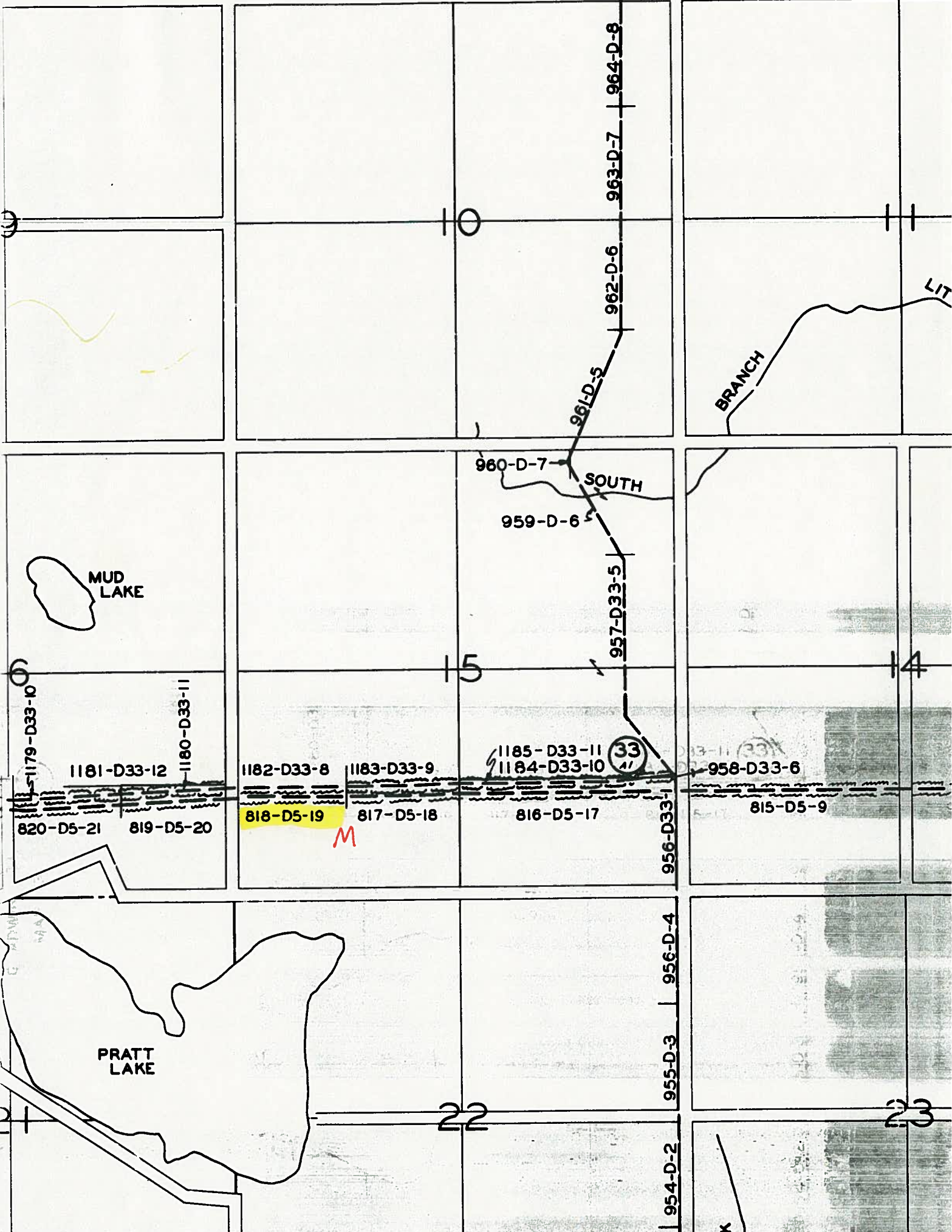
Prepared By Rob Hall Date 03-09-07  
System Planning and Performance / Electric Service

Reviewed By \_\_\_\_\_ Date \_\_\_\_\_  
Transmission Lines Design and Standards

Reviewed By \_\_\_\_\_ Date \_\_\_\_\_  
METC

**METC lines are subject to the easement rights of METC. Your request has been forwarded to Real Estate for processing and will require a 30-day period prior to approval.**





LINE NAME: 5S -- #992 TO #1031 (BARD RD-GALLAGHER)  
STRUCTURE #: 1004 ORDER: 402

LINE NO/LTR:	5S
STRUCT #:	1004
OP VOLTAGE:	138
STN/EQ:	124.03
BACK SPAN:	500.00
DEFLECTION:	
TYPE:	WOOD POLE
POLE HT:	70
POLE CLASS:	2
CONST TYPE:	SA

**STRUCTURE**

DWG SHT LTR FIG REV COMMENTS  
TL0019131 1

**REMARKS:**

GUYING: INSTALL SIDE GUYS PER SDM-E25098, FIG 35. 1-11.5K DOWN 30' N & S TO 8" POWER SCREW PER SDM-E25098, SH 9, FIG 17. 3 SHEAR PINS. INSTALL GUY GUARD ON EACH GUY

**CONDUCTORS**

LINE 5S

TYPE: 477 KCMIL ACSR

DES VOLTAGE: 138

DRAWINGS:	NUM	SHT	LTR	FIG	REV
ASSY:	TL0019006	1		1	
DAMPERS:	T13802434				
SAG:	T13802276	1			

SPACER RMKS:

**REMARKS**

5S: SAG 477 KCMIL ACSR COND FROM POLE 704 TO 1031 PER T13802276 SH 1 (6500#MT)

**ELEVATIONS**

GROUNDLINE:  
SETTING:  
CENTERLINE:

**CON LIST**

DWG	SHT	LTR	FIG	REV
T13801573	68			

**GROUND WIRE**

LINE 5S

TYPE: 5/16 GALV STEEL

DRAWINGS:	NUM	SHT	LTR	FIG	REV
ASSY:	TL0019091	1		2	
SAG:	T13802277	1			

**REMARKS**

5S: SAG 5/16" ST GW FROM POLE 704 TO 1031 PER T13802277 SH 1 (3105#MT)

**GENERAL REMARKS**

125.25 CL CREEK

**LOCATION**

PROP OWNER: B. SMITH  
PARCEL NO: 13  
REMARKS:

RIGHT-OF-WAY:  
COUNTY: GLADWIN  
TOWNSHIP: SAGE  
TOWN/RANGE: T19N,R02W  
SECTION: 15

**REVISION**

LETTER: B  
GWO:  
RS NO:  
NOTES: ADDED VIBRATION DAMPERS AT STRUCTURES #1007, #1005 AND #1003. (PJK,JL)

REV DESIGNER:  
REV ENGINEER:  
REVISION DATE: 10/15/1980  
DESIGNER: PJKESTNER  
ENGINEER: BRENT OTTINGER  
ENGINEER DATE: 3/10/1980

DIVISION HEAD: PAMULHEARN  
DEPT HEAD: BDBUGBEE

LINE NO/LTR:	5S
STR ORDER:	402
STRUCT #:	1004

LINE NAME: 5S - #992 TO #1031 (BARD RD-GALLAGHER)  
STRUCTURE #: 1005 ORDER: 403

LINE NO/LTR:	5S
STRUCT #:	1005
OP VOLTAGE:	138
STNEQ:	119.03
BACK SPAN:	500.00
DEFLECTION:	0° 5' 0" LT
TYPE:	WOOD POLE
POLE HT:	75
POLE CLASS:	2
CONST TYPE:	DAS

**STRUCTURE**

DWG SHT LTR FIG REV COMMENTS  
TL0019132 1

**REMARKS:**

GUYING: INSTALL SIDE GUYS PER SDM-E25098, SH 4, FIG 35. 1-11.5K DOWN 30' N & S TO 8" POWER SCREW PER SDM-E25098, SH 9, FIG 17. 3 SHEAR PINS. INSTALL GUY GUARD ON EACH GUY

**CONDUCTORS**

**LINE 5S**

TYPE: 477 KCMIL ACSR

DES VOLTAGE: 138

DRAWINGS:	NUM	SHT	LTR	FIG	REV
ASSY:	TL0019006	1		1	
DAMPERS:	T13802434				
SAG:	T13802276	1			

SPACER RMKS:

**REMARKS**

5S: SAG 477 KCMIL ACSR COND FROM POLE 704 TO 1031 PER T13802276 SH 1 (6500#MT)  
ADD ONE VIBRATION DAMPER PER COND PER SPAN ON EACH SIDE OF POLE #1005 (6 PER STRUCTURE)  
PER T13802434

**ELEVATIONS**

GROUNDLINE:  
SETTING:  
CENTERLINE:

**CON LIST**

DWG	SHT	LTR	FIG	REV
T13801573	68			

**GROUND WIRE**

**LINE 5S**

TYPE: 5/16 GALV STEEL

DRAWINGS:	NUM	SHT	LTR	FIG	REV
ASSY:	TL0019091	1		2	
SAG:	T13802277	1			

**REMARKS**

5S: SAG 5/16" ST GW FROM POLE 704 TO 1031 PER T13802277 SH 1 (3105#MT)

**GENERAL REMARKS**

119.03 - 143.87 SWAMP  
CAUTION: BURIED TELEPHONE CABLE IN EAST ROAD  
SHOULDER

**LOCATION**

PROP OWNER: B. SMITH  
PARCEL NO: 13  
REMARKS:

RIGHT-OF-WAY:  
COUNTY: GLADWIN  
TOWNSHIP: SAGE  
TOWN/RANGE: T19N,R02W  
SECTION: 15

**REVISION**

LETTER: B  
GWO:  
RS NO:  
NOTES: ADDED VIBRATION DAMPERS AT STRUCTURES  
#1007, #1005 AND #1003. (PJK,JL)

REV DESIGNER:  
REV ENGINEER:  
REVISION DATE: 10/15/1980  
DESIGNER: PJKESTNER  
ENGINEER: BRENT OTTINGER  
ENGINEER DATE: 3/10/1980

DIVISION HEAD: PAMULHEARN  
DEPT HEAD: BDBUGBEE

LINE NO/LTR:	5S
STR ORDER:	403
STRUCT #:	1005



LINE NAME: 5S -- #992 TO #1031 (BARD RD-GALLAGHER)  
STRUCTURE #: 1006 ORDER: 404

LINE NO/LTR:	5S
STRUCT #:	1006
OP VOLTAGE:	138
STN/EQ:	113.68
BACK SPAN:	535.00
DEFLECTION:	
TYPE:	WOOD POLE
POLE HT:	70
POLE CLASS:	2
CONST TYPE:	SA

**STRUCTURE**

DWG SHT LTR FIG REV COMMENTS  
TL0019131 1

REMARKS: INSTALL HEAVY SWAMP FIXTURE PER SDM-E25153-1.  
GUYING:

**CONDUCTORS**

**LINE 5S**

TYPE: 477 KCMIL ACSR

DES VOLTAGE: 138

DRAWINGS:	NUM	SHT	LTR	FIG	REV
ASSY:	TL0019006	1		1	
DAMPERS:	T13802434				
SAG:	T13802276	1			

SPACER RMKS:

**REMARKS**

5S: SAG 477 KCMIL ACSR COND FROM POLE 704 TO 1031 PER T13802276 SH 1 (6500#MT)

**ELEVATIONS**

GROUNDLINE:  
SETTING:  
CENTERLINE:

**SWAMP FIXT**

DWG	SHT	LTR	FIG	REV
SDM025153	1			

**CON LIST**

DWG	SHT	LTR	FIG	REV
T13801573	68			

**GROUND WIRE**

**LINE 5S**

TYPE: 5/16 GALV STEEL

DRAWINGS:	NUM	SHT	LTR	FIG	REV
ASSY:	TL0019091	1		2	
SAG:	T13802277	1			

**REMARKS**

5S: SAG 5/16" ST GW FROM POLE 704 TO 1031 PER T13802277 SH 1 (3105#MT)

**GENERAL REMARKS**

115.57 CL CREEK  
118.38 ROAD FENCE  
118.68 CL SHAW RD AND SEC LINE

**LOCATION**

PROP OWNER: E. BROWN  
PARCEL NO: 12  
REMARKS:

RIGHT-OF-WAY:  
COUNTY: GLADWIN  
TOWNSHIP: SAGE  
TOWN/RANGE: T19N,R02W  
SECTION: 16

**REVISION**

LETTER: B  
GWO:  
RS NO:  
NOTES: ADDED VIBRATION DAMPERS AT STRUCTURES  
#1007, #1005 AND #1003. (PJK,JL)

REV DESIGNER:  
REV ENGINEER:  
REVISION DATE: 10/15/1980  
DESIGNER: PJKESTNER  
ENGINEER: BRENT OTTINGER  
ENGINEER DATE: 3/10/1980

DIVISION HEAD: PAMULHEARN  
DEPT HEAD: BDBUGBEE

LINE NO/LTR:	5S
STR ORDER:	404
STRUCT #:	1006

LINE NAME: 5S - #992 TO #1031 (BARD RD-GALLAGHER)  
STRUCTURE #: 1007 ORDER: 405

LINE NO/LTR:	5S
STRUCT #:	1007
OP VOLTAGE:	138
STN/EQ:	108.33
BACK SPAN:	535.00
DEFLECTION:	
TYPE:	WOOD POLE
POLE HT:	80
POLE CLASS:	2
CONST TYPE:	DAS

**STRUCTURE**

DWG SHT LTR FIG REV COMMENTS  
TL0019132 1  
REMARKS:  
GUYING:

**CONDUCTORS**

**LINE 5S**

TYPE: 477 KCMIL ACSR

DES VOLTAGE: 138

DRAWINGS:	NUM	SHT	LTR	FIG	REV
ASSY:	TL0019006	1		1	
DAMPERS:	T13802434				
SAG:	T13802276	1			

SPACER RMKS:

**REMARKS**

5S: SAG 477 KCMIL ACSR COND FROM POLE 704 TO 1031 PER T13802276 SH 1 (6500#MT)  
ADD ONE VIBRATION DAMPER PER COND PER SPAN ON EACH SIDE OF POLE #1007 (6 PER STRUCTURE)  
PER T13802434

**GROUND WIRE**

**LINE 5S**

TYPE: 5/16 GALV STEEL

DRAWINGS:	NUM	SHT	LTR	FIG	REV
ASSY:	TL0019091	1		2	
SAG:	T13802277	1			

**REMARKS**

5S: SAG 5/16" ST GW FROM POLE 704 TO 1031 PER T13802277 SH 1 (3105#MT)

**GENERAL REMARKS**

110.00 - 118.00 SWAMP

**LOCATION**

PROP OWNER: E. BROWN  
PARCEL NO: 12  
REMARKS:

RIGHT-OF-WAY:  
COUNTY: GLADWIN  
TOWNSHIP: SAGE  
TOWN/RANGE: T19N,R02W  
SECTION: 16

**REVISION**

LETTER: B  
GWO:  
RS NO:  
NOTES: ADDED VIBRATION DAMPERS AT STRUCTURES  
#1007, #1005 AND #1003. (PJK,JL)

REV DESIGNER:  
REV ENGINEER:  
REVISION DATE: 10/15/1980  
DESIGNER: PJKESTNER  
ENGINEER: BRENT OTTINGER  
ENGINEER DATE: 3/10/1980

DIVISION HEAD: PAMULHEARN  
DEPT HEAD: BDBUGBEE

LINE NO/LTR:	5S
STR ORDER:	405
STRUCT #:	1007

**ELEVATIONS**

GROUNDLINE:  
SETTING:  
CENTERLINE:

**CON LIST**

DWG	SHT	LTR	FIG	REV
T13801573	68			

LINE NAME: 5S -- #992 TO #1031 (BARD RD-GALLAGHER)  
STRUCTURE #: 1008 ORDER: 406

LINE NO/LTR:	5S
STRUCT #:	1008
OP VOLTAGE:	138
STW/EQ:	102.98
BACK SPAN:	535.00
DEFLECTION:	
TYPE:	WOOD POLE
POLE HT:	80
POLE CLASS:	2
CONST TYPE:	DAS

**STRUCTURE**

DWG SHT LTR FIG REV COMMENTS  
TL0019132 1  
REMARKS:  
GUYING:

**CONDUCTORS**

**LINE 5S**

TYPE: 477 KCMIL ACSR  
DES VOLTAGE: 138  
DRAWINGS: NUM SHT LTR FIG REV  
ASSY: TL0019008 1 1  
DAMPERS: T13802434  
SAG: T13802276 1

SPACER RMKS:

**REMARKS**

5S: SAG 477 KCMIL ACSR COND FROM POLE 704 TO 1031 PER T13802276 SH 1 (6500#MT)

**ELEVATIONS**

GROUNDLINE:  
SETTING:  
CENTERLINE:

**CON LIST**

DWG SHT LTR FIG REV  
T13801573 69

**GROUND WIRE**

**LINE 5S**

TYPE: 5/16 GALV STEEL  
DRAWINGS: NUM SHT LTR FIG REV  
ASSY: TL0019091 1 2  
SAG: T13802277 1

**REMARKS**

5S: SAG 5/16" ST GW FROM POLE 704 TO 1031 PER T13802277 SH 1 (3105#MT)

**GENERAL REMARKS**

103.90 CL DRIVE  
105.56 P/L FENCE  
107.00 - 108.40 SWAMP

**LOCATION**

PROP OWNER: J. MCBAIN  
PARCEL NO: 11  
REMARKS:

RIGHT-OF-WAY:  
COUNTY: GLADWIN  
TOWNSHIP: SAGE  
TOWN/RANGE: T19N,R02W  
SECTION: 16

**REVISION**

LETTER: B  
GWO:  
RS NO:  
NOTES: ADDED VIBRATION DAMPERS AT STRUCTURES #1013,  
#1011  
AND #1009. (PJK,JL)

REV DESIGNER:  
REV ENGINEER:  
REVISION DATE: 10/15/1980  
DESIGNER: PJKESTNER  
ENGINEER: BRENT OTTINGER  
ENGINEER DATE: 3/10/1980

DIVISION HEAD: PAMULHEARN  
DEPT HEAD: BDBUGBEE

LINE NO/LTR:	5S
STR ORDER:	406
STRUCT #:	1008

LINE NAME: 5S - #992 TO #1031 (BARD RD-GALLAGHER)  
STRUCTURE #: 1009 ORDER: 407

LINE NO/LTR:	5S
STRUCT #:	1009
OP VOLTAGE:	138
STN/EQ:	97.63
BACK SPAN:	535.00
DEFLECTION:	
TYPE:	WOOD POLE
POLE HT:	75
POLE CLASS:	2
CONST TYPE:	DAS

**STRUCTURE**

DWG SHT LTR FIG REV COMMENTS  
TL0019132 1

REMARKS:

GUYING:

**CONDUCTORS**

**LINE 5S**

TYPE: 477 KCMIL ACSR

DES VOLTAGE: 138

DRAWINGS:	NUM	SHT	LTR	FIG	REV
ASSY:	TL0019006	1		1	
DAMPERS:	T13802434				
SAG:	T13802276	1			

SPACER RMKS:

**REMARKS**

5S: SAG 477 KCMIL ACSR COND FROM POLE 704 TO 1031 PER T13802276 SH 1 (6500#MT)  
ADD ONE VIBRATION DAMPER PER COND PER SPAN ON EACH SIDE OF POLE #1009 (6 PER STRUCTURE)  
PER T13802434

**GROUND WIRE**

**LINE 5S**

TYPE: 5/16 GALV STEEL

DRAWINGS:	NUM	SHT	LTR	FIG	REV
ASSY:	TL0019091	1		2	
SAG:	T13802277	1			

**REMARKS**

5S: SAG 5/16" ST GW FROM POLE 704 TO 1031 PER T13802277 SH 1 (3105#MT)

**GENERAL REMARKS**

**LOCATION**

PROP OWNER: J. MCBAIN  
PARCEL NO: 11  
REMARKS:

RIGHT-OF-WAY:  
COUNTY: GLADWIN  
TOWNSHIP: SAGE  
TOWN/RANGE: T19N,R02W  
SECTION: 16

**REVISION**

LETTER: B  
GWO:  
RS NO:  
NOTES: ADDED VIBRATION DAMPERS AT STRUCTURES #1013,  
#1011  
AND #1009. (PJK,JL)

REV DESIGNER:  
REV ENGINEER:  
REVISION DATE: 10/15/1980  
DESIGNER: PJKESTNER  
ENGINEER: BRENT OTTINGER  
ENGINEER DATE: 3/10/1980

DIVISION HEAD: PAMULHEARN  
DEPT HEAD: BDBUGBEE

LINE NO/LTR:	5S
STR ORDER:	407
STRUCT #:	1009

**ELEVATIONS**

GROUNDLINE:  
SETTING:  
CENTERLINE:

**CON LIST**

DWG	SHT	LTR	FIG	REV
T13801573	69			