FIRST SUBMITTAL:
SECOND SUBMITTAL:
THIRD SUBMITTAL:
FOURTH SUBMITTAL:
FIFTH SUBMITTAL:

SUBMITTAL DATES



PUBLIC IMPROVEMENT PLANS FOR:

RT 一MTROVMMMNTS Woods DRIVE

ANKENY, IOWA

NOT TO SCALE NE 66TH AVE NE SATH AVE PROJECT ANKENY, IOWA (35)

INDEX OF SHEETS

VICINITY MAP

DESCRIPTION TITLE SHEET TYPICAL SECTIONS, DETAILS AND NOTES PLAN SHEET - DINSION 1 PLAN SHEET - DINSION 2 FORMING LAYOUT	л	4	u	2	_	NO.	
	TIOVAL SUTURIOL	PLAN SHEET - DIVISION 2	PLAN SHEET - DIVISION 1	TYPICAL SECTIONS, DETAILS AND NOTES	TITLE SHEET	DESCRIPTION	

SECTION LINE
CENTER LINE
RIGHT OF WAY
PERMANENT EASEMENT
TEMPORARY EASEMENT USE AS CONSTRUCTED

(UAC)

SANITARY MANHOLE
WATER MANE BOX
FRE HYDRANT
WATER CURB STOP
WELL
STORM SEWER MANHOLE
STORM SEWER SWALE INTAKE
STORM SEWER SHOLE INTAKE
FLAKED END SECTION
DECIDIOUS TREE

PROPOSED

GENERAL LEGEND

DESCRIPTION THE SHEET TYPICAL SECTIONS, DETAIL PLAN SHEET - DIVISION 1 PLAN SHEET - DIVISION 2 PLAN SHEET - DIVISION 2	
DLSCHIPTION TOPPICAL SECTONS, DETAILS AND NOTES PLAN SHEET - DIVISION 1 PLAN SHEET - DIVISION 2 PLAN SHEET - DIVISION 2	

BM#1 CUT X 0 NE CORNER OF BRIDGE ON 1-35 & DELAWARE AVE.
ELEVATION=946.06

BENCHMARK

COMPEROUS THEE
DECODURES SHAUB
COMPEROUS SHAUB
CLECTRIC POWER POLE
GLY ANCHOR
STREET UGHT
POMER POLE W/ TRANSFORMER
UTULTY POLE W/ UGHT
ELECTRIC POLS
ELECTR

BM#2 ARROW ON HYDRANT EAST SIDE OF FOUR MILE DRIVE NORTH OF DRIVE TO HOUSE #5703 ELEVATION=877.93

BM#3 ARROW ON HYDRANT © NW CORNER OF CORPORATE WOODS DRIVE & 62ND AVENUE. ELEVATION=873.83

UTILITY WARNING

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UNITES SHOWN AREA IN THE CACHE COUNTING SHOWLE.

SOL BOWNG
UNDERGROWD TV CABLE
GAS MAN
REER OPTO
UNDERGROWD TELEPHONE
OCCREGA ELECTRIC
UNDERGROWD TELEPHONE
OCCREGA ELECTRIC
UNDERGROWD SECRE W/ SEE
STORM SEWER W/ SEE
WATER MANN W/ SZE
WATER MANN W/ SZE

TELEPHONE JUNCTION BOX
TELEPHONE DAMHOLE/VAULT
TELEPHONE POLE
CAS VALVE BOX
CABLE TV JUNCTION BOX
CABLE TV JUN

THIS PROJECT REQUIRES AN IOWA NEDES PERMIT #J. CIVIL DESGIN ADVANTAGE MLL PROVIDED THE PERMIT #J. CIVIL STORM MATER POLLLITION PRECENTION PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UPDATION THE STORM WATER POLLITION PROTECTION PAIN THROUGHOUT CONSTRUCTION AND METING LOCAL, TATLE, AND PETIGAL REQUIREMENTS.

ENGINEER / SURVEYOR
ONL DESON JOUNING
CONLINCT BRID MINE!
340 SE CROSSROADS DRIVE. SUITE 6
GRIES, JOAN 5017
PH. 515-398-4400
PX. 515-398-4400
PX. 515-398-4400
PX. 515-398-4400
PX. 515-398-4400

ADDRESS 1600 SE CORPORATE WOODS DRIVE

1600 CORPORATE WOODS, LLC CONTACT: BERNARD BAKER III 4224 HUBBELL AVENUE DES MONES, 10WA 50317 PH. (515) 299-4200

OWNER / DEVELOPER



CIVIL DESIGN ADVANTAGE 3405 SE CROSSROADS DR. SUITE G GRIMES, IOWA 50111
PH: (515) 369-4400 Fax: (515) 369-4410
PROJECT NO. 1602.025





THE 2017 EDITION OF THE SUDAS STANDARD SPECIFICATIONS AND THE CITY OF ANKENY SUPPLEMENTAL SPECIFICATIONS FOR PUBLIC IMPROVEMENTS AND APPLY TO ALL WORK ON THIS PROJECT UNLESS OTHERWISE NOTED.

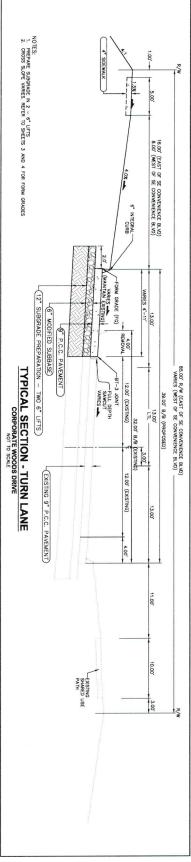


FILE: H:\2016\1602025\DWC\1602025-BASE-DDRPORATEWOODLDWC FILE DATE: 12/30/16 DATE: PLOTTED: 12/30/2016 3:11 PM PLOTTED RV: BRAD KUEN. TECH.

UTILITY CONTACTS:
CENTURY LINK
RAY MONTOYA
2103 E. UNIVERSITY AVENUE
DES MONES, IA 50317
(515) 263-7385 AUREON
JETF KLOCKO
4201 CORPORATE DRIVE
WEST DES MOINES, IA 50286
(515) 830-0445 ğ E CONTRACTOR IS REQUIRED TO UTILIZE THE UTILITY ONE-CALL SERVICE AT D-292-8989 AT LEAST 48 HOURS PRIOR TO EXCAVATING ANYWHERE ON THE PROJECT NO. ADJUST FIBER HANDHOLE, MINOR
ADJUST STORM MANHOLE, MINOR
ADJUST STORM MANHOLE, MAJOR
SUBGRADE PREPARATION PAINTED PAVEMENT MARKINGS, DURABL PAVEMENT, PCC, 9 INCH
PAVEMENT, DRIVEWAY APPROACH, PCC, 9 INCH
SIDEWALK, PCC, 4 INCH PAVEMENT REMOVAL MODIFIED SUBBASE, 6 INCHES ESTIMATED PROJECT QUANTITIES (PUBLIC IMPROVEMENTS) ITEM DESCRIPTION MIDAMERICAN ENERGY THERESA MCQUIRE 4845 NE 22ND STREET DES MOINES, IA 50313 (515) 281-2260 TOP OF CURB (TC) MEDIACOM PAUL MAY 2205 INGERSOLL AVE. DES MOINES, IOWA 50312 (515) 246-1890 UNIT 1-800-292-8989 www.lowaonecall.com DIVISION 146 ONE CALI NOISIAID TOTAL 1746 272 272 1415 109 524 34 578

6" INTEGRAL CURB

ITEM NO. 15 4 13 12 10-11 6-7 8-9 2-3 CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL FOR TURN LANE CONSTRUCTION AND STREING, ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). CURB RAMPS SHALL BE 6 INCHES THICK. EXTRA THICKNESS FOR CURB RAMPS AND 8' WIDE SIDEWALK TIE-INS SHALL BE INCIDENTAL. REFER TO THIS SHEET WITH TYPICAL SECTIONS AND DETAILS FOR LOCATIONS AND THICKNESS. WILL NOT BE ALLOWED FOR MODIFIED SUBBASE. CONTRACTOR SHALL REMOVE EXISTING PAYALIENT AND SDEWALK AS NOTED ON THE PLAN. CURB AND GUTTER REMOVAL SHALL BE TO THE JOINT LURE. CONTRACTOR TO RESPIRE PREMOVALS PROOR TO BIODING. ALL MATERIAL SHALL BE REMOVED FROM THE PROJECT AND BECOME THE PROPERTY OF THE CONTRACTOR. THE 2017 EDITION OF THE SUDAS STANDARD SPECIFICATIONS AND THE CITY OF ANKENY SUPPLEMENTAL SPECIFICATIONS FOR PUBLIC IMPROVEMENTS SHALL APPLY TO ALL WORK ON THIS PROJECT UNLESS OTHERWISE NOTED. PAKEBET MARRINGS SHALL BE IN ACCORDANCE WITH SUDAS SECTION SECTION 11,000 — PAKEBET MARRINGS PANTED PAKEBET MARRINGS (JAM) AND SHALLED IN PAKEBET MARRING (JAW) AND SHIZLED IN ACCOUNT OF SHALLED THE MARRINGS AND SHALLED THE MARRINGS. REMOVAL OF EXISTING PAKEBETI MARRINGS THAT ARE IN CORNICIT WITH PROPOSED DAKEBETI MARRINGS. REFER TO FIG. 7010.101 - JOINTS FOR JOINT DETAILS. TYPICAL 'CD' JOINT SPACING IS 15 FEET. CONTRACTOR SHALL ADJUST RIM OF THE STORM MANHOLES AS SHOWN ON THE PLANS. EXCAVATION INCLUDES ALL WORK NECESSARY TO ACHIEVE PROPER GRADES AS SHOWN IN THE PLANS. SOUD LANE LINE (SLW4) AVENENT MARKING TYPE PERRY IO (DOT STANDARD RUAD PLAN PAL-110 — LINE TIPES AND PAL-111 — SWARCK AND LEGENDS CRA CONSTRUCTION OFFILMS. BETERY IO SETETS AND 4 FOR COATIONS ALL PANTED PARVAINING MEMONIS AND ANCHEMY SWARCK. ENTER ID SETETS IN SETETS AND 4 FOR COATIONS ALL PANTED PARVAINING SETES 1000 OR PARRIENT SWARCK. ENTER ELIQUID PARVAINAT WARRING (JAN) INSTILLED IN GROOKES OUT IN TOT EQUIPMENTS USERVICE. DUT WARFIOF AND IS SALL BE SET STANDARD AND SYNDOLS SHALL MEET EQUIPMENTS OF ARTICLE 2527 DAY OF THE (DWA DEFANDALT) OF TRANSPORTATION STANDARD SECIOLATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION. MEASUREMENT AND PAYMENT IS BASED ON A SOLD 4* LINE. seed and straw mulch all disturbed areas once they are at final grade with type 1 (permanent Lawn Mixture). ALL DETECTABLE WARNING PANELS SHALL HAVE CAST IRON DOMES. CONTRACTOR SHALL COORDINATE WITH APPROPRIATE UTILITY AND ADJUST RIM OF EXISTING FIBER HANDHOLE AS SHOWN ON THE PLANS. CONTRACTOR SHALL RELOCATE EXISTING TRAFFIC SIGNS AS SHOWN ON THE PLANS. PLACEMENT OF RELOCATED SIGNS SHALL BE COORDINATED WITH THE CITY. CONTRACTOR SHALL VERIEFY ITEMS REQUIRING RELOCATION PROR TO BIDDING ALL REFERENCES TO SECTIONS AND FIGURES ARE TO THE SUDAS STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS. ESTIMATE REFERENCE INFORMATION PAY FACTOR 2.00 1.00 2.00 2.00 DESCRIPTION REFER TO INTERSECTION SHEETS FOR constitute a basis for any extra work LENGTH / QUANTITY, LF DIVISION 1 150 / 300 150 / 150 545 / 1090 1 / 1 DIVISION 2 JOINTING RECYCLED PCC



GENERAL NOTES

WHER PAUL II IT! TRUBES HE SION AS DISTING ON THE PLAYS OF ENCONTRED WHIM THE CONSTRUCTION REGIONS OF MY CONSTRUCTION. THE CONSTRUCTION THE CONSTRUCTION THE CONSTRUCTION THE CONSTRUCTION THE STANCES. UNDERSOADON TO ACCURE STRUCTURES AND THE SEX PAULIES FOR THE SEX PAULIES THE RESEARCH TO AN EXCEPT AND ADMILES THE CONSTRUCTION OF ESSAYS, UNDERSOADON ACCURES, TRUCTURES AND OTHERS AND EXCEPT AND ADMILES ARE SEX-POINTED AND ADMILES ARE SEX-POINTED AND ADMILES ARE SEX PAULIES. THE CONSTRUCTION AND ADMILES ARE SEX PAULIES. THE CONSTRUCTION AND ADMILES ARE SEX TO ADMILE ARE SEX PAULIES. THE CONSTRUCTION AND ADMILES ARE SEXTED AND ADMILES ARE SEXTED. AND ADMILES ARE SEXTED AND ADMILES ARE SEXTED AND ADMILES ARE SEXTED. AND ADMILES ARE SEXTED AND ADMILES ARE SEXTED AND ADMILES ARE SEXTED. AND ADMILES ARE SEXTED AND ADMILES ARE SEXTED AND ADMILES ARE SEXTED. AND ADMILES ARE SEXTED AND ADMILES ARE SEXTED AND ADMILES ARE SEXTED. AND ADMILES ARE SEXTED AND ADMILES ARE SEXTED AND ADMILES ARE SEXTED. AND ADMILES ARE SEXTED AND ADMILES ARE SEXTED AND ADMILES ARE SEXTED. AND ADMILES ARE SEXTED AND ADMILES ARE SEXTED AND ADMILES ARE SEXTED. AND ADMILES ARE SEXTED AND ADMILES ARE SEXTED AND ADMILES ARE SEXTED. AND ADMILES ARE SEXTED AND ADMILES ARE SEXTED AND ADMILES ARE SEXTED. AND ADMILES ARE SEXTED AND ADMILES ARE SEXTED AND ADMILES ARE SEXTED. AND ADMILES ARE SEXTED AND ADMILES ARE SEXTED AND ADMILES ARE SEXTED. AND ADMILES ARE SEXTED ADMILES AND ADMILES ADMILES ADMILES AND ADMILES ADMILES ADMILES ADMILES ADMILES ADMILES ARE SEXT

THE CONTRACTOR IS REQUIRED TO UTILIZE THE UTILITY ONE-CALL SERVICE AT 800-292-8889 AT LEAST 48 HOURS PRIOR TO EXCAVATING ANYMERE ON THE PROJECT.

PRICE TO CANSTRUCTION, CONTRACTOR SHALL NOTIFY (72 HRS NOTICE) THE FOLLOWING:
A. OTTY OF AMENDY.
B. APPROPRIATE UTILITY COMPANIES
C. OMNETE:
C. OWNETE:
C.

THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY AREAS OF PAVEMENT OR SIDEWALK NOT TO BE REMOVED THAT IS DAMAGED DUE TO OPERATING EQUIPMENT ON THE PAVEMENT OR SIDEWALK.

THE GENERAL CONTRACTOR SHALL BE RESPONSBILE FOR THE COORDINATION OF WORK BETWEEN ALL SUPPLIERS AND SUBCONTRACTORS INVOLVED IN THE PROJECT. INCLUDING STAGING OF CONSTRUCTION DETAILS.

THE CONTRACTOR SHALL APPLY NECESSARY MOISTURE TO THE CONSTRUCTION AREA AND HAUL ROADS TO PREVENT THE SPREAD OF DUST.

SPECIAL CARE SHALL BE TAKEN WHEN FORMING AT INTERSECTIONS SO THE PROPILES SHOWN ON THE PLANS AND THE ELEVATIONS SHOWN ON THE INTERSECTION DETAILS ARE OBTAINED. SHORT LENGTHS OF FORMS OR FLEXIBLE FORMS MAY BE RECESSARY AT THESE LOCATIONS. THE CONTRACTOR MAY BE REQUIRED AS DIRECTED BY THE ENGINEER OR THE CITY, TO PLACE TEMPORARY WARNING DEVICES AND SAFETY FENCE AT CERTAIN LOCATIONS WHERE REPLACEMENT FEATURES ARE NOT INSTALLED THE SAME DAY.

TO GRIVAN THE CORRECT FORM CRAUSS AT LOW POINTS WHERE MYAKES ARE LOCATED, THE CONTRACTOR MUST EXERCISE ADDITIONAL CARE WHEN PAYING FULL WOTH PAKEMENT. THIS MAY REQUIRE POURING ONE HALF OF THE PAKEMENT AT TIME OR OTHER METHODS APPROVED BY THE ENGINEER.

THE CONTRACTOR SHALL CONFINE HIS GRADING OPERATIONS TO WITHIN THE PROPOSED AND EXISTING RIGHT OF WAY, CONSTRUCTION LIMITS AND EXISEMENTS SHOWN ON THE PLANS.

10. PLAN AND PROFILE SHETTS INCLUSED IN THE PROJECT ARE FOR THE PURPOSE OF ALCHMENT, LOCATION AND SECRED DIRECTIONS FOR WORK TO BE PERFORMED UNDER THIS CONTRACT. IRRELEVANT DATA ON THESE SHETTS IS NOT TO BE CONSIDERD. A PART OF THIS CONTRACT. THE CONTRACTOR IS REQUIRED TO BE FAMILIAR WITH AND COMPLY WITH OSHA STANDARDS. NOTHING WITHIN THESE PLANS SHALL RELIEVE THE CONTRACTOR OF THIS REQUIREMENT.

13. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES REQUIRED ON THE STORM WATER POLLUTION PREVENTION PLAN. 14. IN THE EVENT OF A DISCREPANCY BETWEEN DETAILED PLANS AND QUANTITIES, THE DETAILED PLANS SHALL GOVERN COMPLY WITH MUTCO AND

12. CIVIL DESIGN ADVANTAGE WILL PROWDE ALL CONSTRUCTION STAKING ON THIS PROJECT. NOTIFY MIKE BROONER (389—4400) A MINIMUM OF 48 HOURS BEFORE CONSTRUCTION STAKES ARE REQUIRED.

THE CONTRACTOR IS RESPONSIBLE FOR ALL TRAFFIC CONTROL ALL TRAFFIC CONTROL SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.

17. DO NOT STORE CONSTRUCTION MATERIALS AND EQUIPMENT IN THE RIGHT OF WAY. ALL SLOPES IN PAVEMENT SHALL BE UNIFORM TO AVOID PONDING.

18. ALL PROPERTY PINS SHALL BE PROTECTED FROM GRADING OR OTHER OPERATIONS. ANY PINS DISTURBED SHALL BE RESET AT THE CONTRACTOR'S EXPENSE.

PRIOR TO MY WORK AT THIS STE, CONTRACTOR SHALL EXAMINE DAY APPLICABLE DRAWNOS AVALABLE FROM THE OWNER OR ENGINEER, AND CONSULTU WITH OWNER'S PERSONNEL AND TILLY COMPANY REPRESENTATIVES, NO COMPENSATION WILL BE ALLONED FOR DAMAGE FROM FAILURE TO COMPLY WITH THIS REQUIREMENT. ALL FIELD TILES ENCOUNTERED SHALL BE REPAIRED AND CONNECTED TO STORM SENERS WHERE POSSIBLE. LOCATIONS SHALL BE PROVIDED TO ENGINEER FOR NOTATION ON AS-BULLTS INCLUDING LOCATION, TYPE OF TILE, & TILE ELEVATION

21. CONTRACTOR SHALL COMPLY WITH ALL PROWAG A.D.A. REQUIREMENTS FOR ACCESSIBLE SIDEWALK RAMPS INCLUDING RAISED TRUNCATED DOME DETECTABLE WARNINGS.

23. ALL MATERIAL TESTING SHALL BE CONSIDERED INCIDENTAL TO OTHER CONTRACTOR SALL NOT DISTURE DESENABLE GRASS AREAS AND TREES QU'ISDE THE CONSTRUCTION LIBITS. THE CONTRACTOR WILL NOT BE FERMITTED TO PARK OR SERVICE VEHICLES AND EQUIPMENT OR USE THESES, AREAS FOR STORAGE OF MATERIALS, PARKING AND SERVICE AREAS WILL BE SUBJECT TO THE APPROVAL OF THE OWNER.

(CHYB) (LTAW) N LANE

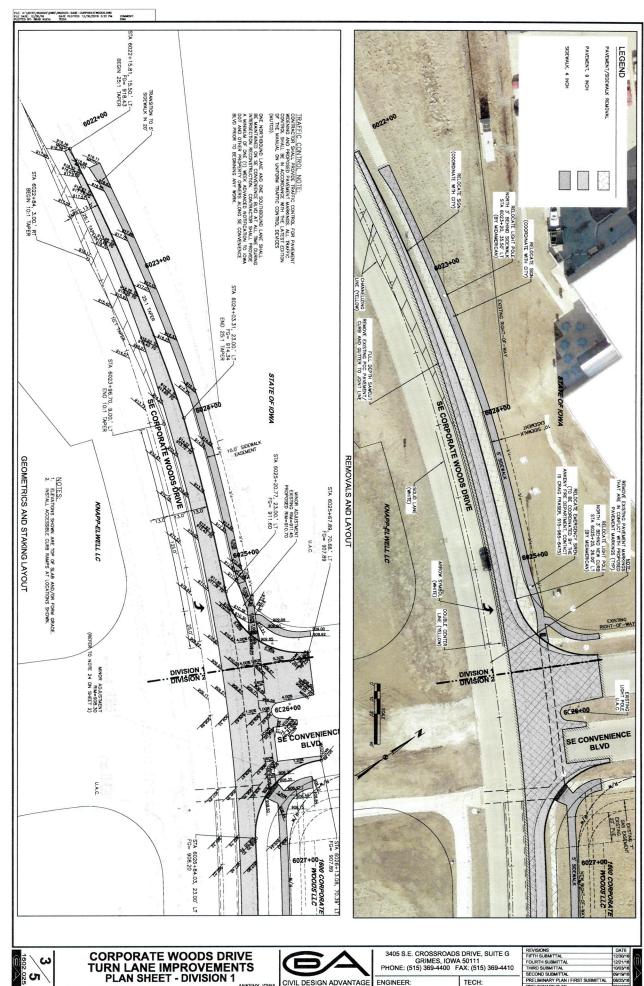
(NPY4

24. THEEE PECE CASTINGS FOR NEW MANHACES, ARE NOT ALLOWED. CONTRACTOR TO VEREY CASTING OF EDISING MANHACE ARE NOT ALLOWED. CONTRACTOR TO VEREY CASTING, OF EDISING MANHACE REQUIRED AS THE PROBLES OF SECONDARY ON SHEET S. IF TWO PECE CASTING, JONNING WILL HEED TO BE ADJUSTED FOR A BOXDUT.

CIVIL DESIGN ADVANTAGE

3405 S.E. CROSSROADS DRIVE, SUITE G GRIMES, IOWA 50111
PHONE: (515) 369-4400 FAX: (515) 369-4410 TECH:

REVISIONS
FIFTH SUBMITTAL
FOURTH SUBMITTAL
THIRD SUBMITTAL
SECOND SUBMITTAL
PRELIMINARY PLAN
PRELIMINARY PLAN

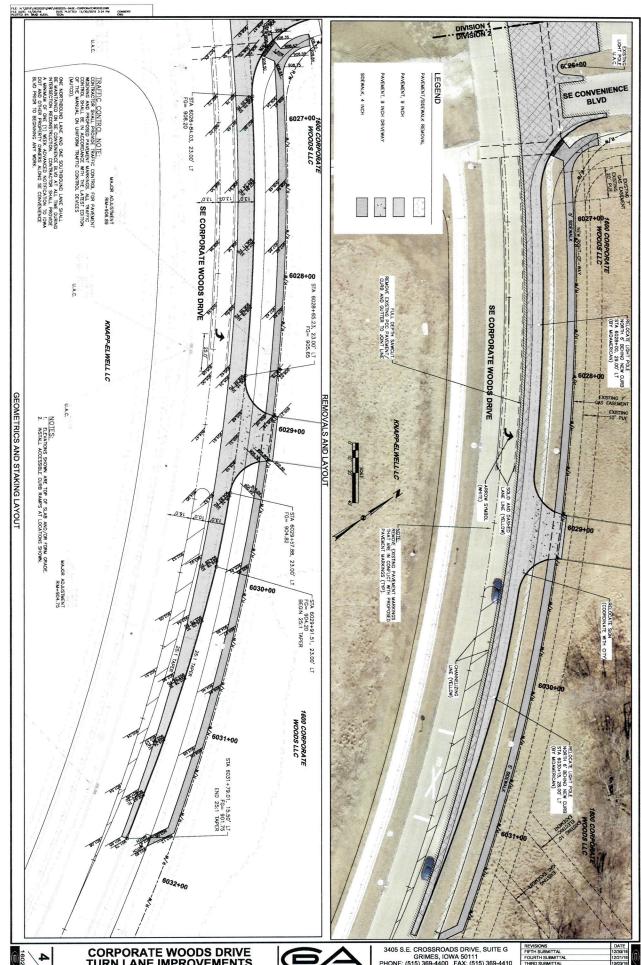


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TECH:

FIFTH SUBMITTAL	12/30/16
FOURTH SUBMITTAL	12/21/18
THIRD SUBMITTAL	10/03/16
SECOND SUBMITTAL	09/19/16
PRELIMINARY PLAN / FIRST SUBMITTAL	08/25/16
PRELIMINARY PLAN	08/10/16



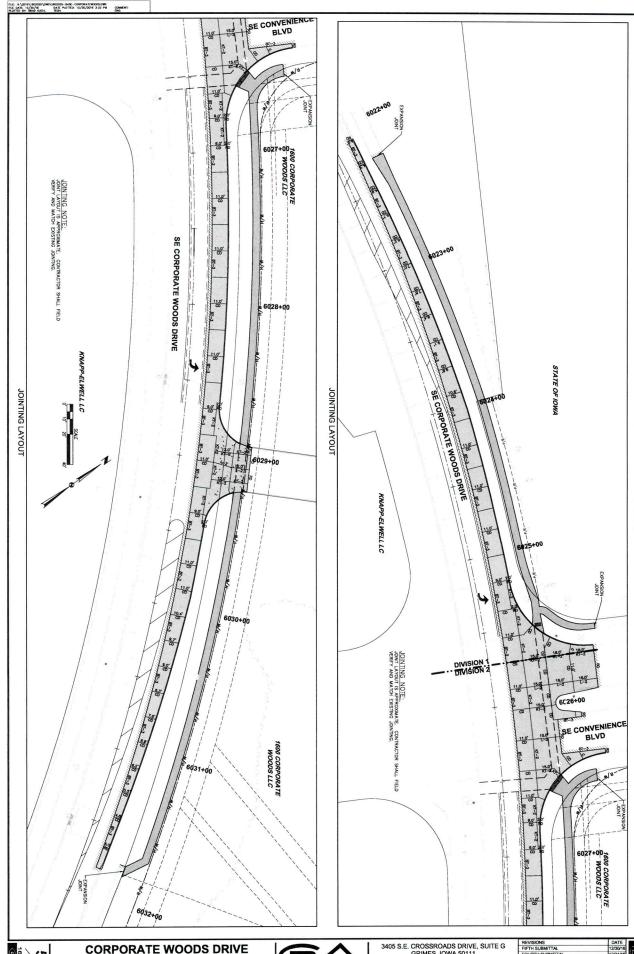
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CORPORATE WOODS DRIVE TURN LANE IMPROVEMENTS PLAN SHEET - DIVISION2



3405 S.E. CROSSROADS DRIVE, SUITE G GRIMES, IOWA 50111 PHONE: (515) 369-4400 FAX: (515) 369-4410 TECH:

/ FIRST SUBMITTAL





CORPORATE WOODS DRIVE TURN LANE IMPROVEMENTS JOINTING LAYOUT



3405 S.E. CROSSROADS DRIVE, SUITE G GRIMES, IOWA 50111 PHONE: (515) 369-4400 FAX: (515) 369-4410 ENGINEER: TECH:
 REVISIONS
 DATE

 FIFTH SUBMITTAL
 1230/16

 FOURTH SUBMITTAL
 1221/16

 THIRD SUBMITTAL
 1003/16

 SECOMD SUBMITTAL
 0919/16

 PRELIMINARY PLAN / FIRST SUBMITTAL
 0825/16

 PRELIMINARY PLAN
 0910/16