

SPECIAL FLOOD HAZARD AREA DEVELOPMENT PERMIT APPLICATION

Application is hereby made for a DEVELOPMENT PERMIT as required by the Flood Damage Prevention Ordinance No. 12-87 of the City of Ashland for development in an identified flood hazard area. All activities shall be completed in accordance with the requirements of -said Ordinance. (The development to be performed is described below and in attachments hereto. The applicant understands and agrees that:

- this permit is issued on the conditions and facts described;
- any permit may be repealed if conditions or facts change;
- permit void if the activity has not begun within 180 days of the issuance date;
- this permit will remain valid for one year from date of issuance.

Owner's Name ODOT DISTRICT 3 ^{Contract:} CHRIS BROWN
 Address: 906 CLARK AVE, ASHLAND ^{Builder:} _____
 Phone: (414) 207-7053 Phone: town @ US 250/SR 60/FAULTLESS

DESCRIPTION OF WORK

1. Location of proposed development site - address: INTERSECTION OF US 250/SR 60/ FAULTLESS DRIVE legal description: _____

2. Kind of development proposed:

new building	_____	existing structure	<u>X</u>	filling/grading	_____
residential	_____	alteration	_____	mining/dredging	_____
non-residential	_____	addition	_____	watercourse	_____
manufacture home	_____	materials storage	_____	alteration	_____

installation _____ other _____
 *Describe activity: EXTENSION OF EXISTING 87" X 136" RCP CULVERT

3. If the proposed construction is an alteration, addition or improvement to an existing structure, indicate the cost of proposed construction \$ 75,000 (New) What is the estimated market value of the existing structure \$ 150,000 (EXISTING)

NOTE: An existing structure must comply with the flood protection standards if it is substantially improved (an improvement equal to or greater than 50% of the market value of the structure). FEMA maintains that the "substantial improvement" definition applies to existing structures only and that once a structure meets the definition of "new construction" any further improvements to that structure must meet "new construction" requirements. For floodplain management purposes "new construction" means structures for which "start of construction" began on or after the effective date of the initial Flood Insurance Rate Map issued by FEMA for the community.

4. Does proposed development involve a subdivision or other development containing at least 50 lots or 5 acres (whichever is less) Yes _____ No X

NOTE: If yes, base flood elevation date is required from applicant if it has not been provided by FEMA.

I AGREE THAT ALL STATEMENTS IN AND ATTACHMENTS TO THIS APPLICATION ARE A TRUE DESCRIPTION OF THE EXISTING PROPERTY AND THE PROPOSED DEVELOPMENT ACTIVITY. I UNDERSTAND THE DEVELOPMENT REQUIREMENTS FOR SPECIAL FLOOD HAZARD AREA ACTIVITIES PER THE APPROPRIATE ORDINANCE AND AGREE TO ABIDE THERETO.

Date: AUG 25, 2021 Applicant's Signature: Chris L Brown PE

ADMINISTRATIVE

Note: The following is to be completed by the local floodplain administrator. All references to elevations are in feet mean sea level (m.s.l.). The term base flood elevation means the same as the 100 - year elevation.

5. Is the proposed development located in _____ an identified floodway; _____ a flood hazard area where base flood elevation exist with no identified floodway; X an area outside of an identified floodway

NOTE: Floodway development must demonstrate through hydrologic and hydraulic analysis, performed in accordance with standard engineering practice, that no increase in base flood elevation will result during occurrence of the base flood discharge. If base flood elevations exist with no floodway delineation, hydrologic and hydraulic analysis is required to demonstrate not more than one foot increase at any point to the water surface elevation of the base flood.

6. Does proposed development meet NFIP and local General Standards
____ Construction materials and methods resistant to flood damage.
____ Anchored properly. X Utilities safe from flooding.
____ Subdivision designed to minimize flood damage.

Specific Standards

- X Encroachments - proposed action will not obstruct flood waters.
____ Lowest floor elevated to or above BFE.
____ Lowest floor floodproofed above BFE.

7. Base flood elevation (100 - year) at proposed site ZN A feet m.s.l.

Data source 39005C0139E

Map effective date 8/18/2009

8. Does the structure contain a _____ basement; _____ enclosed area used only for parking access or storage, other than basement, below the lowest floor.
9. For structures located in unnumbered A zones (no BFE available) the structure's lowest floor is _____ feet above the highest grade adjacent to the structure.
10. The certified as - built elevation of the structure lowest floor is _____ feet above m.s.l.*
11. The certified as - built floodproofed elevation of the structure's is _____ feet above m.s.l.*

NOTE: *Certificates of a registered engineer or land surveyor documenting these elevations are necessary if elevations are provided by applicant.

12. The proposed development is in compliance with applicable floodplain standards. PERMIT ISSUED ON 8/30/21.

13. The proposed development is not in compliance with applicable floodplain standards. PERMIT DENIED ON _____.

Reason: _____

NOTE: All structures must be built with the lowest floor, including the basement, elevated or floodproofed to or above the base flood elevation (100 - year) unless a variance has been granted. Only nonresidential structures may be floodproofed.

14. The proposed development is exempt from the floodplain standards per Section _____ of the Flood Damage Prevention Ordinance No. _____.

Date: 8/30/21 Administrator's Signature: Shane Kremser



LATITUDE: 40°53'44" N LONGITUDE: 82°19'35" W

SCALE IN MILES
0 1 2 3 4

PORTION TO BE IMPROVED
INTERSTATE HIGHWAY
FEDERAL ROUTES
STATE ROUTES
COUNTY & TOWNSHIP ROADS
OTHER ROADS

DESIGN DESIGNATION
SEE SHEET 2

DESIGN EXCEPTIONS
NONE REQUIRED
ADA DESIGN WAIVERS
NONE REQUIRED

UNDERGROUND UTILITIES
contact Two Working Days
Before You Dig

OHIO811.org
Before You Dig
OHIO811, 8-1-1, or 1-800-362-2764
(Non-members must be called directly)

PLAN PREPARED BY:
CARPENTER
MARTY
TRANSPORTATION
CONSULTANTS
1403 BUCKLEBUSH BLVD., COLUMBUS, OH 43260
614.291.1100

BEGIN PROJECT
STA. 45+00.00
S.I.M. 0.85

END PROJECT
STA. 39+75.00
S.I.M. 12.85

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
ASD - 250 - 12.74
CITY OF ASHLAND
ASHLAND COUNTY

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ENGINEERS SEAL:



SIGNED: *Matthew Gerald*
DATE: 7/1/2021
ENGINEERS SEAL:
FOR ENTIRE PLAN
EXCEPT LIGHTING
MATEW GERALD
MATHEW GERALD
REGISTERED PROFESSIONAL ENGINEER
STATE OF OHIO
NO. 12325
EXPIRES 12/31/2024

STANDARD CONSTRUCTION DRAWINGS

NO.	DATE	DESCRIPTION	BY	CHKD	APP'D
BR-2.2	1/15/21	MT-1.2	V/S/16	TC-41.20	1/15/21
BR-3.1	1/17/20	MT-1.1	1/15/21	TC-42.20	1/20/21
BR-4.1	7/9/19	RM-1.1	1/20/21	TC-42.20	4/17/20
BR-5.1	1/18/19	RM-3.1	1/20/21	TC-52.10	1/15/21
BR-6.1	4/17/20	TC-52.20	1/15/21	TC-50.11	1/15/21
BR-7.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-8.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-9.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-10.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-11.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-12.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-13.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-14.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-15.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-16.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-17.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-18.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-19.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-20.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-21.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-22.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-23.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-24.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-25.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-26.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-27.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-28.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-29.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-30.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-31.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-32.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-33.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-34.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-35.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-36.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-37.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-38.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-39.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-40.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-41.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-42.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-43.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-44.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-45.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-46.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-47.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-48.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-49.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-50.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-51.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-52.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-53.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-54.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-55.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-56.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-57.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-58.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-59.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-60.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-61.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-62.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-63.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-64.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-65.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-66.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-67.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-68.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-69.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-70.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-71.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-72.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-73.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-74.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-75.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-76.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-77.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-78.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-79.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-80.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-81.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-82.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-83.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-84.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-85.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-86.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-87.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-88.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-89.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-90.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-91.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-92.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-93.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-94.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-95.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-96.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-97.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-98.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-99.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21
BR-100.1	1/18/19	RM-4.2	1/17/20	TC-55.10	1/15/21

PROJECT DESCRIPTION
PROJECT INCLUDES THE CONSTRUCTION OF A SINGLE LANE MODERN ROUNDABOUT AT THE INTERSECTION OF U.S.R. 250, S.R. 60 AND FAULTLESS DR. THE PROJECT INCLUDES OTHER IMPROVEMENTS INCLUDING DRAINAGE, LIGHTING AND TRAFFIC CONTROL.

EARTH DISTURBED AREAS

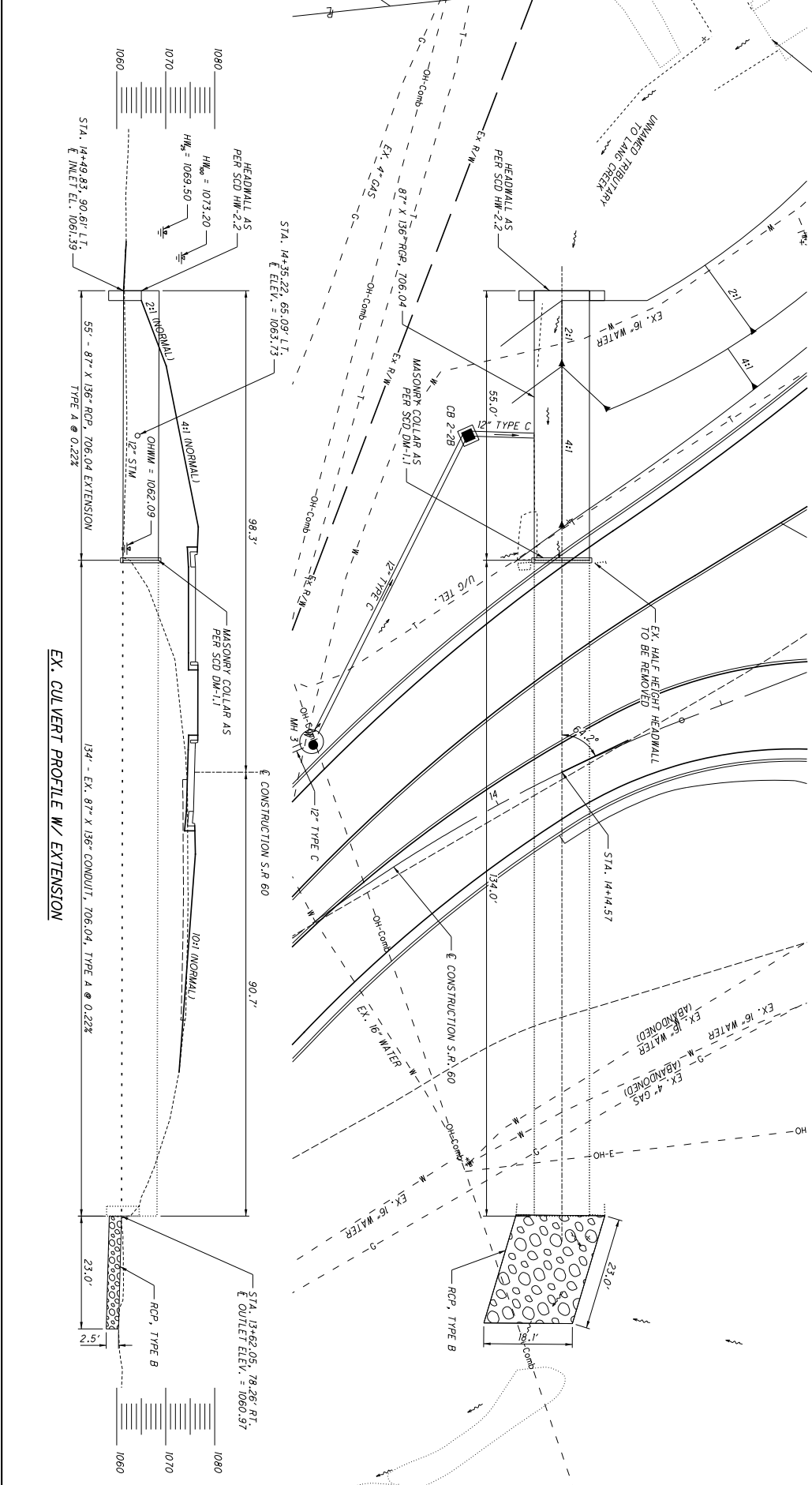
PROJECT EARTH DISTURBED AREA: 4.04 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.67 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA: 4.71 ACRES

2019 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY EXCEPT AS NOTED ON SHEET 18, AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

APPROVED: *[Signature]*
DATE: 7/1/21 DISTRICT DEPUTY DIRECTOR
APPROVED: _____
DATE: _____ DIRECTOR, DEPARTMENT OF TRANSPORTATION



EXISTING STRUCTURE	
TYPE:	87" X 136" ELLIPTICAL RCP CULVERT
LENGTH:	134'-0"
ROADWAY:	55'-11" BACK CURB/GUTTER TO BACK CURB/GUTTER
SKEW:	25°48'49" LEFT FORWARD
ALIGNMENT:	TANGENT
STRUCTURAL FILE NUMBER:	0302279
YEAR BUILT:	1982
DISPOSITION:	TO BE EXTENDED

PROPOSED STRUCTURE	
TYPE:	87" X 136" ELLIPTICAL CULVERT EXTENSION,
TYPE A:	706.04
LENGTH:	55'-0"
HEADWALLS:	HALF HEIGHT
DESIGN SERVICE LIFE:	75 YEARS
COORDINATES:	LATITUDE 40°53'13" N
	LONGITUDE 82°19'35" W

HYDRAULIC DATA
 DRAINAGE AREA = 407 ACRES
 Q (25) = 602 CFS
 Q (100) = 882 CFS
 V (25) = 12.22 FT/S
 V (100) = 13.25 FT/S

LEGEND
 RCP, TYPE B, 30" THICK
 G-3030 WITH GEOTEXTILE FABRIC

EX. CULVERT PROFILE W/ EXTENSION