ADDENDUM NO. 2 - ATTACHMENT A

THE DETAILS OF REMOVAL AND INSTALLATION OF 6-INCH STORM DRAIN PIPELINE IS AS UNDER: -

I. Dogwood Properties (owner of the 6-inch storm drain pipeline) is to submit an encroachment permit application to IID for the relocation of the 6-inch storm drain pipeline.

II. The contractor for the new bridge will be responsible for the following construction tasks of the 6-inch storm drain pipeline:

   a. Excavate and expose the existing 6-inch storm drain pipeline (underground) on the north side and south side of the bridge. See attached exhibit and pictures of storm drain pipeline work completed at bridge in 2012.
   b. Plug the existing storm drain pipeline on both the north and south side of the bridge for the duration of time required for installation of new bridge.
   c. Remove and dispose of the existing 6-inch storm drain pipeline along the west edge of the existing bridge, as part of the existing bridge's demolition.
   d. Install new 6-inch storm drain pipeline along the west edge of the new bridge. The new storm drain pipeline shall be C-900 with mechanical joint restraints at every joint, and ductile iron fittings. The new pipe is to be painted before installation. The new pipe is to be anchored along the west edge of the concrete barrier at the bridge per attached bracing details.
   e. Connect the new 6-inch storm drain pipeline to the existing storm drain pipeline on the north and south side of the new bridge (field fit the new pipe to the existing pipe).
   f. On completion of installation, the new pipeline section is to be tested for leaks by the contractor, in coordination with the owner (Dogwood Properties), by operating the storm drain pumps.

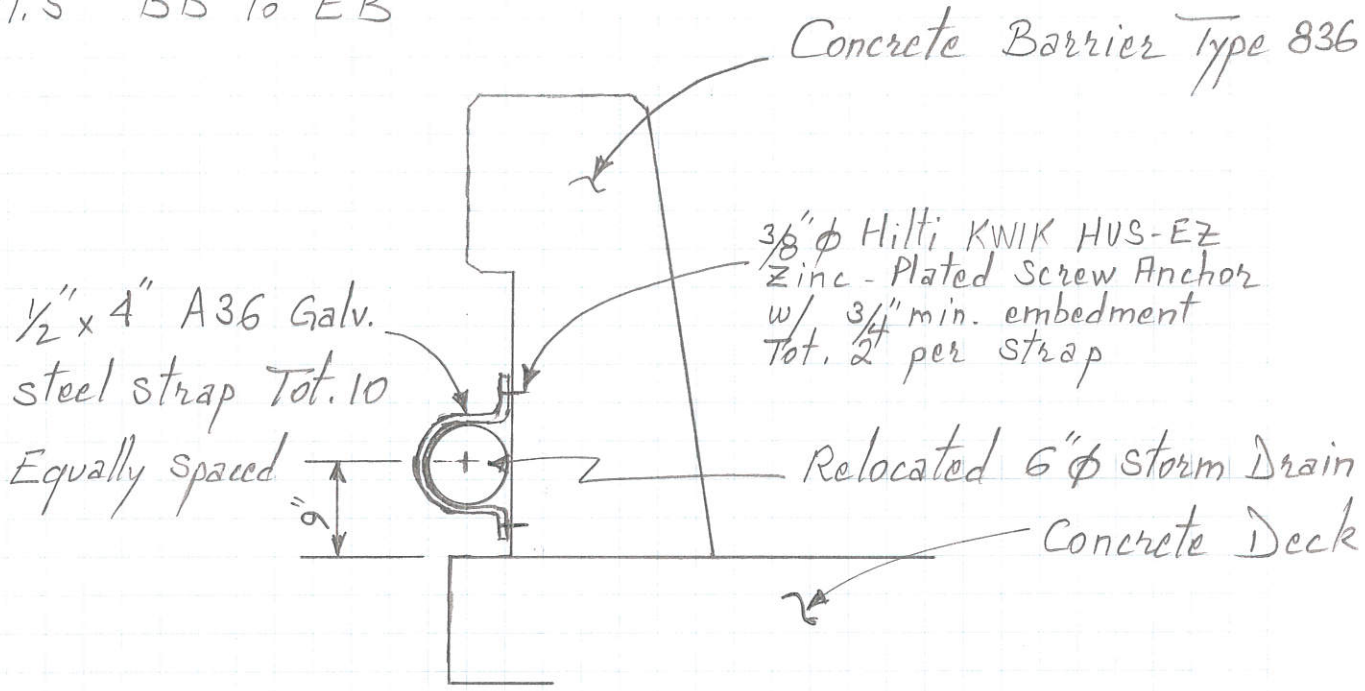
SUBJECT

JOB NO. DESIGNED BY

DATE CHECKED BY

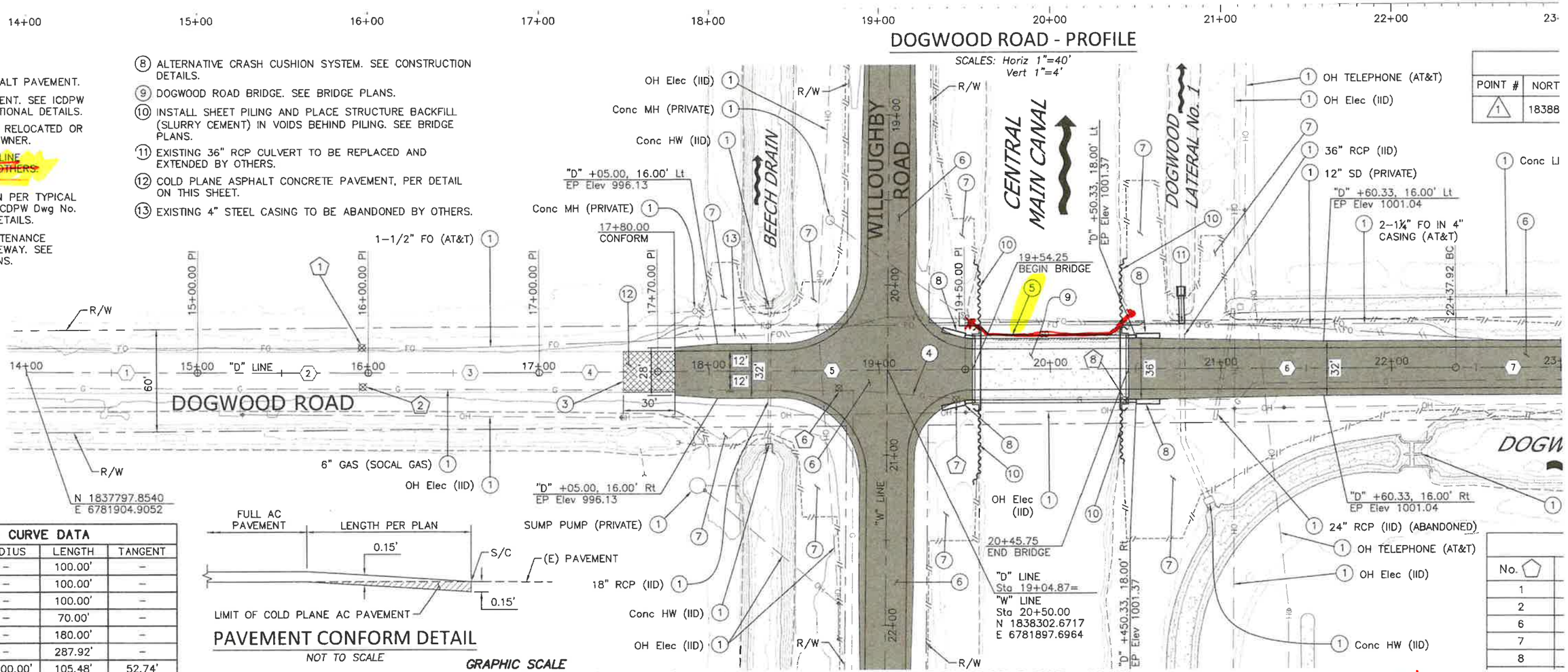
NV5
BEYOND ENGINEERING

91.5' BB to EB



CONSTRUCTION NOTES

1. PROTECT IN PLACE.
2. SAWCUT EXISTING ASPHALT PAVEMENT.
3. MATCH EXISTING PAVEMENT. SEE ICDPW Dwg No. 453 FOR ADDITIONAL DETAILS.
4. EXISTING UTILITY TO BE RELOCATED OR ADJUSTED BY UTILITY OWNER.
5. PRIVATE STORM DRAIN LINE TO BE RELOCATED BY OTHERS.
6. NEW PAVEMENT SECTION PER TYPICAL CROSS SECTIONS. SEE ICDPW Dwg No. 440 FOR ADDITIONAL DETAILS.
7. GRADED RAMP TO MAINTENANCE ACCESS ROAD OR DRIVEWAY. SEE TYPICAL CROSS SECTIONS.
8. ALTERNATIVE CRASH CUSHION SYSTEM. SEE CONSTRUCTION DETAILS.
9. DOGWOOD ROAD BRIDGE. SEE BRIDGE PLANS.
10. INSTALL SHEET PILING AND PLACE STRUCTURE BACKFILL (SLURRY CEMENT) IN VOIDS BEHIND PILING. SEE BRIDGE PLANS.
11. EXISTING 36" RCP CULVERT TO BE REPLACED AND EXTENDED BY OTHERS.
12. COLD PLANE ASPHALT CONCRETE PAVEMENT, PER DETAIL ON THIS SHEET.
13. EXISTING 4" STEEL CASING TO BE ABANDONED BY OTHERS.



LINE AND CURVE DATA

NO	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	N 00°28'29" W	–	100.00'	–
2	N 00°38'43" W	–	100.00'	–
3	N 00°49'58" W	–	100.00'	–
4	N 01°09'06" W	–	70.00'	–
5	N 01°01'01" W	–	180.00'	–
6	N 00°47'15" W	–	287.92'	–
7	△ =00°36'16"	10,000.00'	105.48'	52.74'

NTS

EXHIBIT

STORM-DRAIN PIPELINE RELOCATION


2012/02/27


2012/02/27


2012/02/27


2012 2/27


2012/02/27