

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--	13-00008-00-BT	GRUNDY	12	1
FED. ROAD DIST. NO. --	ILLINOIS	CONTRACT NO. 87600		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

ILLINOIS TRANSPORTATION ENHANCEMENT PROGRAM FUNDS
VILLAGE OF DIAMOND

INDEX OF SHEETS

1. COVER SHEET
2. GENERAL NOTES AND HORIZONTAL CONTROL
- 3.-5. SUMMARY OF QUANTITIES
6. TYPICAL SECTIONS AND DETAILS
- 7.-9. PLAN AND PROFILE
- 10.-12. CROSS SECTIONS

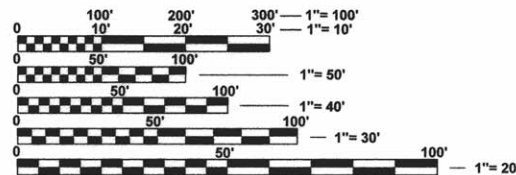
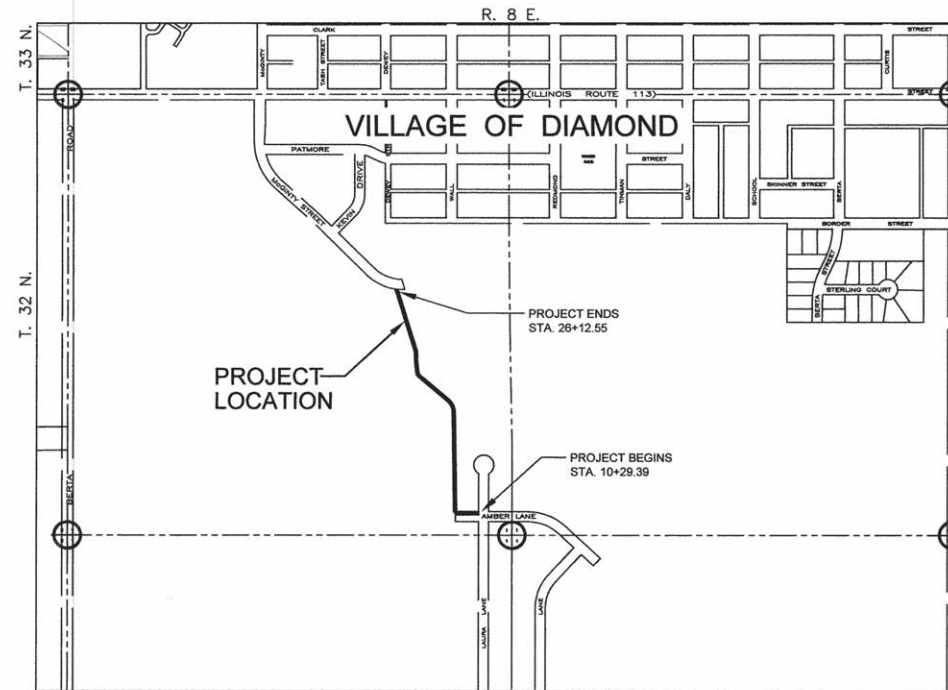
HIGHWAY STANDARDS

- | | |
|-----------|---|
| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 280001-07 | TEMPORARY EROSION CONTROL SYSTEMS |
| 424001-08 | PERPENDICULAR CURB RAMP FOR SIDEWALKS |
| 424002-03 | DEPRESSED CORNER FOR SIDEWALKS |
| 542301-03 | PRECAST REINFORCED CONCRETE FLARED END SECTION |
| 602301-04 | INLET, TYPE A |
| 602406-07 | MANHOLES, TYPE A, 6' (1.8m) DIAMETER |
| 602601-04 | CONCRETE FLAT SLAB TOP |
| 602701-02 | MANHOLE STEPS |
| 604002-03 | BASE, FRAME AND LIDS, TYPE 5 |
| 604051-04 | FRAME AND GRATE, TYPE II |
| 606001-06 | CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER |

**SECTION 13-00008-00-BT
PROJECT TE-00D3 (085)
GRUNDY COUNTY
JOB NO.: C-93-126-14**



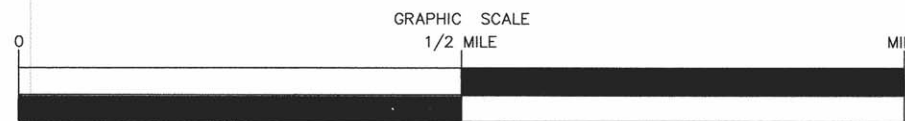
FUNCTION CLASSIFICATION: MULTI-USE PATH
ADT= N/A
POSTED SPEED N/A



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

CONTRACT NO. 87600



NET LENGTH OF SECTION 1,583.16' (0.30 MILES)
GROSS LENGTH OF SECTION 1,583.16' (0.30 MILES)



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED May 18 2016
[Signature]
PRESIDENT, VILLAGE OF DIAMOND

PASSED 5/24 2016
[Signature]
DISTRICT 3 LOCAL ROADS AND STREETS ENGINEER

RELEASED FOR BID 5/24 2016
[Signature]
BASED ON LIMITED REVIEW REGION 2 ENGINEER

TIMOTHY R. HEJNY
CHAMBLIN & ASSOCIATES
815.942.1402

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 Drawing Name: D:\Users\141111-01\Documents\Bike-Path\2015\CAD\CAD\003-003-000.dwg User: Modifies: May 17, 2016 -- 11:08am - 11:08am - 10:30am by: rick

SUMMARY OF QUANTITIES			CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	FED 20%	LOCAL 20%
			ROADWAY	
			0028	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	281	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	30	
20200100	EARTH EXCAVATION	CU YD	250	
20800150	TRENCH BACKFILL	CU YD	36	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1420.00	
25000100	SEEDING, CLASS 1	ACRE	0.52	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	47	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	47	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	47	
25100115	MULCH, METHOD 2	ACRE	0.52	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	104	
28000400	PERIMETER EROSION BARRIER	FOOT	1650	

CONTRACT NO. 87600

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CHECKED BY: TRH					
DATE: 3/16					



BIKE PATH 2015
SECTION 13-00008-00-BT
VILLAGE OF DIAMOND
GRUNDY COUNTY

SUMMARY OF QUANTITIES

CURRENT AS OF: 3/16	
SCALE: AS NOTED	SHEET 3
FILE NO.: 14111.01 Y-	OF 12

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SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	CONSTRUCTION CODE
			FED 20% LOCAL 20% ROADWAY 0028
35100100	AGGREGATE BASE COURSE, TYPE A	TON	485
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	3166
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	317
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	236
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	116
42400800	DETECTABLE WARNINGS	SQ FT	16
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	31
44000600	SIDEWALK REMOVAL	SQ FT	116
44201692	CLASS D PATCHES, TYPE II, 4 INCH	SQ YD	10
48101200	AGGREGATE SHOULDERS, TYPE B	TON	73
54205095	PIPE CULVERTS, SPECIAL 60"	FOOT	90
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1

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CHECKED BY: TRH	LEVEL	BY	DATE	DESCRIPTION
DATE: 3/16				



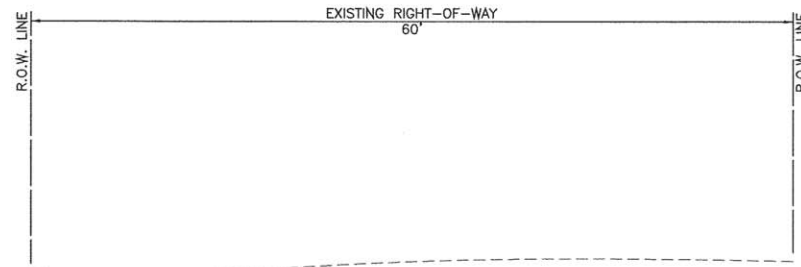
BIKE PATH 2015
SECTION 13-00008-00-BT
VILLAGE OF DIAMOND
GRUNDY COUNTY

SUMMARY OF QUANTITIES

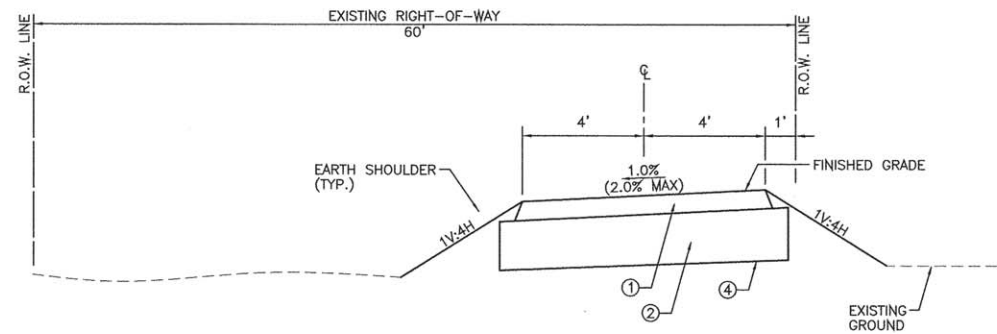
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CURRENT AS OF: 3/16	
SCALE: AS NOTED	SHEET 4
FILE NO.: 14111.01 Y-	OF 12

	INCIDENTAL HMA
PG GRADE	PG64-22
DESIGN AIR VOIDS	4.0% @ N50
MIXTURE COMPOSITION	IL 9.5
FRICITION AGGREGATE	MIXTURE C
DENSITY TEST METHOD	SATISFACTION OF ENGINEER
MIXTURE WEIGHT	112#/SQ. YD./IN.
QUALITY MANAGEMENT PROGRAM	QC/QA
SUBLOT SIZE	N/A
LOCATION(S)	N/A

* MATERIAL SHALL BE COMPACTED TO 93.0-97.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT WHEN PLACED AS FIRST LIFT ON AN UNIMPROVED SUBGRADE THE MINIMUM PERCENT COMPACTION SHALL BE 92.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QC/QA SPECIFICATION.



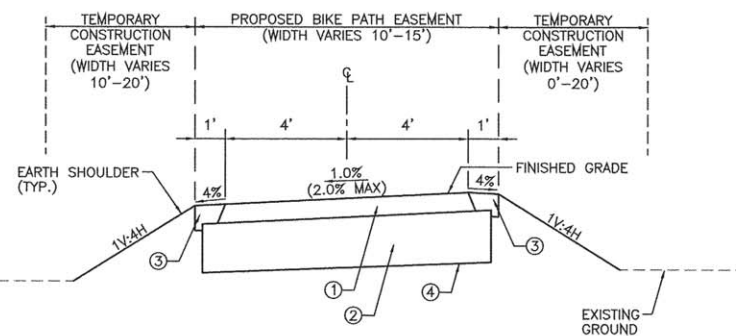
**AMBER LANE
EXISTING TYPICAL SECTION**
N.T.S.



**BIKE PATH
AMBER LANE TYPICAL SECTION**
N.T.S.

STA. 10+29.39 TO STA. 11+67.93

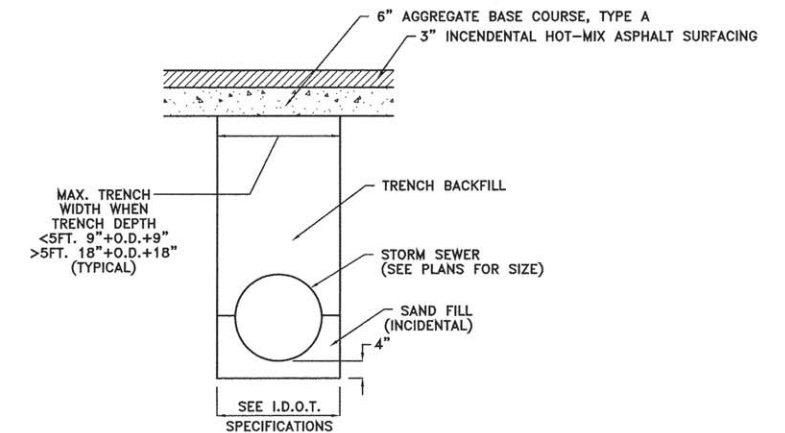
- ① INCIDENTAL HOT-MIX ASPHALT SURFACING, 3"
- ② AGGREGATE BASE COURSE, TYPE A, 6"
- ③ AGGREGATE SHOULDERS, TYPE B, 4"
- ④ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (NEED FOR GEOTECHNICAL FABRIC IS TO BE VERIFIED DURING CONSTRUCTION BASED ON ACTUAL SUBGRADE CONDITION)



**BIKE PATH
TYPICAL SECTION**
N.T.S.

STA. 11+67.93 TO STA. 26+12.55

- ① INCIDENTAL HOT-MIX ASPHALT SURFACING, 3"
- ② AGGREGATE BASE COURSE, TYPE A, 6"
- ③ AGGREGATE SHOULDERS, TYPE B, 4"
- ④ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (NEED FOR GEOTECHNICAL FABRIC IS TO BE VERIFIED DURING CONSTRUCTION BASED ON ACTUAL SUBGRADE CONDITION)



**TYPICAL DETAIL STORM SEWER
CONSTRUCTED UNDER PAVEMENT**
NOT TO SCALE

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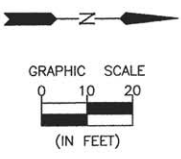
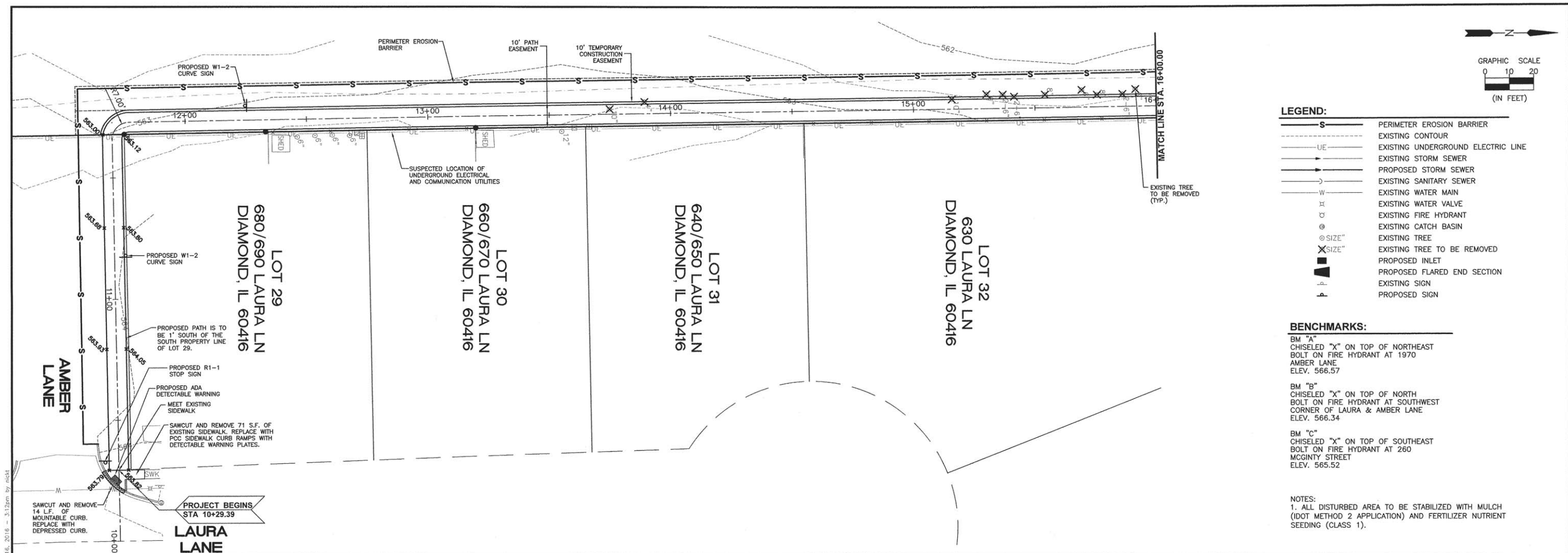
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DATE: 3/16				

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**BIKE PATH 2015
SECTION 13-00008-00-BT
VILLAGE OF DIAMOND
GRUNDY COUNTY**

**TYPICAL SECTIONS
AND DETAILS**

CONTRACT NO. 87600	
CURRENT AS OF: 3/16	
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FILE NO.: 14111.01 Y-	OF 12

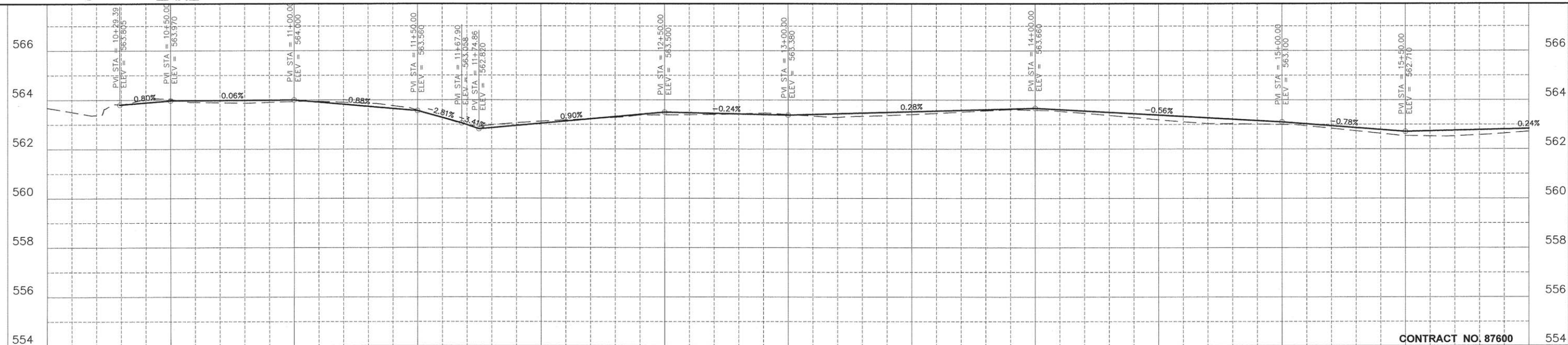


- LEGEND:**
- S— PERIMETER EROSION BARRIER
 - - - - EXISTING CONTOUR
 - UE— EXISTING UNDERGROUND ELECTRIC LINE
 - SW— EXISTING STORM SEWER
 - >— PROPOSED STORM SEWER
 - S— EXISTING SANITARY SEWER
 - W— EXISTING WATER MAIN
 - V— EXISTING WATER VALVE
 - H— EXISTING FIRE HYDRANT
 - C— EXISTING CATCH BASIN
 - ⊙ SIZE" EXISTING TREE
 - ⊗ SIZE" EXISTING TREE TO BE REMOVED
 - I— PROPOSED INLET
 - F— PROPOSED FLARED END SECTION
 - S— EXISTING SIGN
 - P— PROPOSED SIGN

- BENCHMARKS:**
- BM "A"
CHISELED "X" ON TOP OF NORTHEAST BOLT ON FIRE HYDRANT AT 1970 AMBER LANE
ELEV. 566.57
 - BM "B"
CHISELED "X" ON TOP OF NORTH BOLT ON FIRE HYDRANT AT SOUTHWEST CORNER OF LAURA & AMBER LANE
ELEV. 566.34
 - BM "C"
CHISELED "X" ON TOP OF SOUTHEAST BOLT ON FIRE HYDRANT AT 260 MCGINTY STREET
ELEV. 565.52

NOTES:
1. ALL DISTURBED AREA TO BE STABILIZED WITH MULCH (IDOT METHOD 2 APPLICATION) AND FERTILIZER NUTRIENT SEEDING (CLASS 1).

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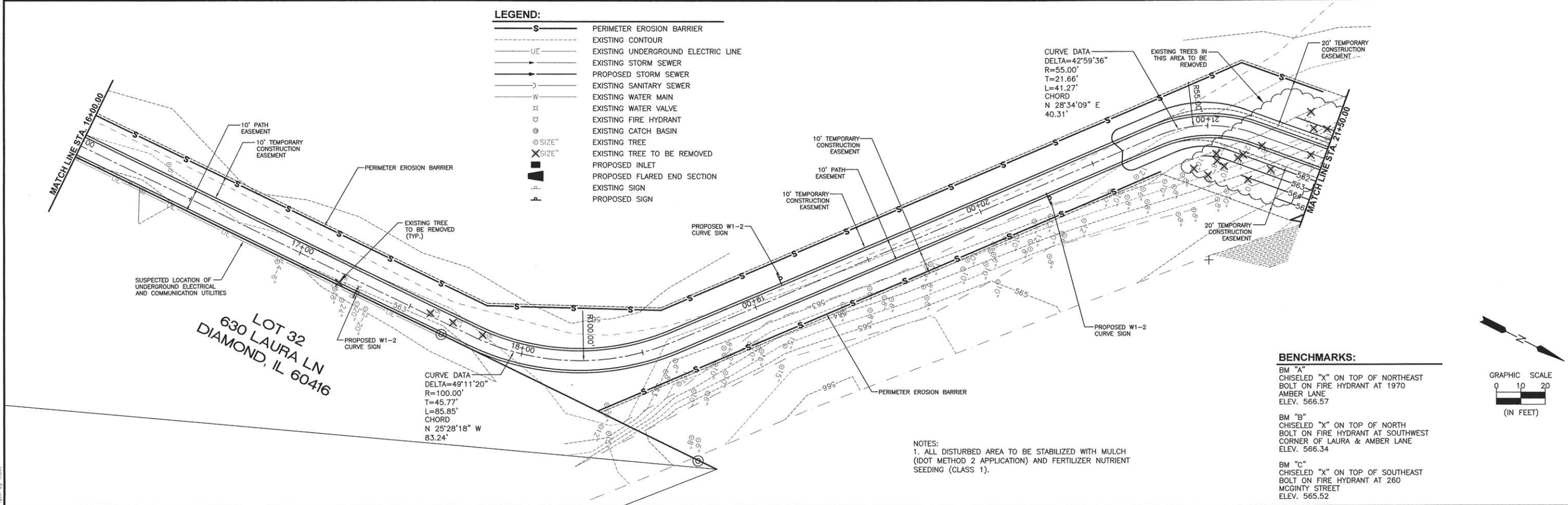
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PERU MORRIS ILLINOIS

BIKE PATH 2015 SECTION 13-00008-00-BT VILLAGE OF DIAMOND GRUNDY COUNTY

PLAN AND PROFILE STA. 10+00.00 TO STA. 16+00.00

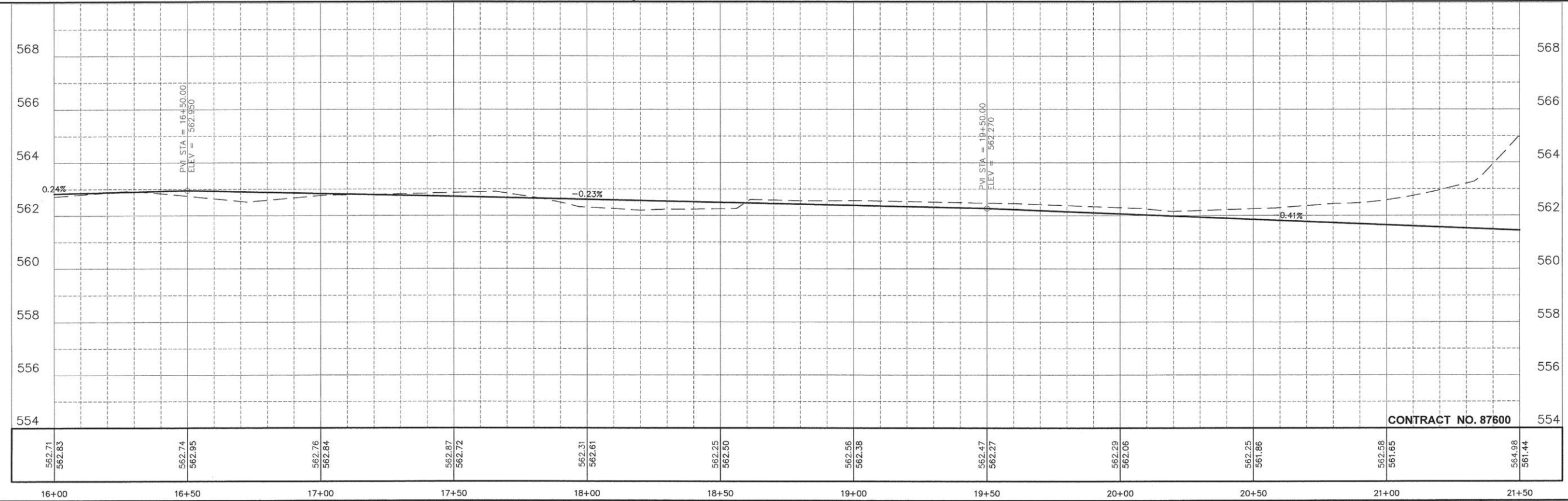
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FILE NO.: 14111.01 Y-	OF 12

- LEGEND:**
- S— PERIMETER EROSION BARRIER
 - EXISTING CONTOUR
 - UE --- EXISTING UNDERGROUND ELECTRIC LINE
 - EXISTING STORM SEWER
 - PROPOSED STORM SEWER
 - EXISTING SANITARY SEWER
 - W --- EXISTING WATER MAIN
 - EXISTING WATER VALVE
 - EXISTING FIRE HYDRANT
 - EXISTING CATCH BASIN
 - SIZE" EXISTING TREE
 - × SIZE" EXISTING TREE TO BE REMOVED
 - PROPOSED INLET
 - ▭ PROPOSED FLARED END SECTION
 - ▲ EXISTING SIGN
 - ▲ PROPOSED SIGN



- BENCHMARKS:**
- BM "A"
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ELEV. 566.34
 - BM "C"
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ELEV. 565.52

NOTES:
1. ALL DISTURBED AREA TO BE STABILIZED WITH MULCH (DOT METHOD 2 APPLICATION) AND FERTILIZER NUTRIENT SEEDING (CLASS 1).



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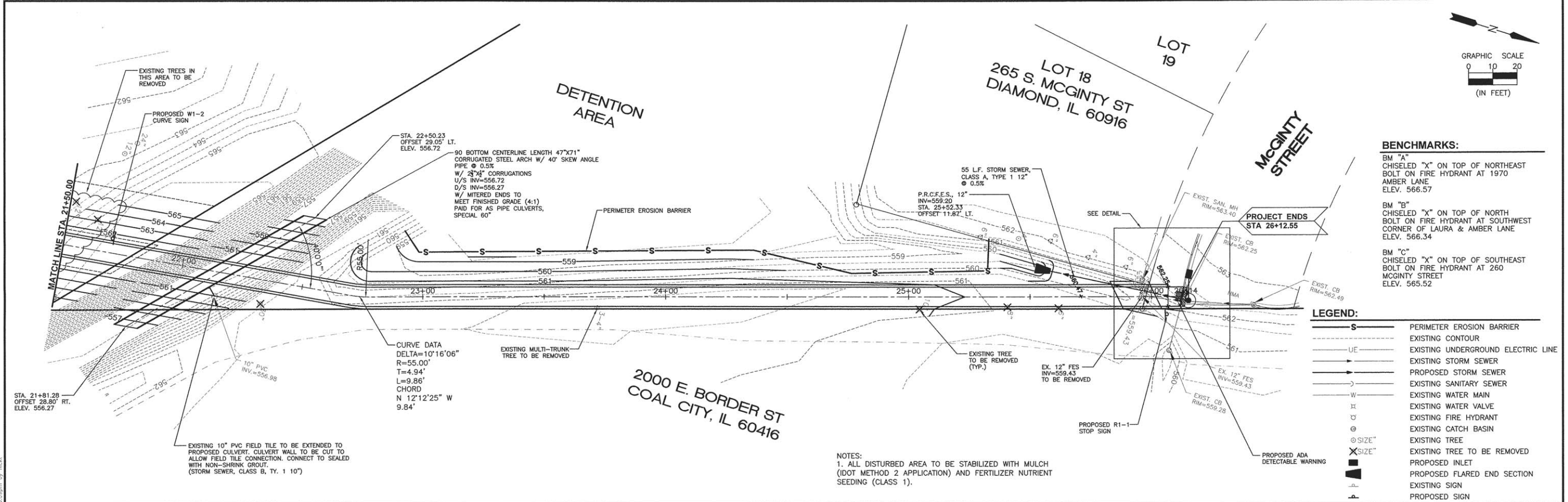
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PERU MORRIS ILLINOIS

BIKE PATH 2015 SECTION 13-00008-00-BT VILLAGE OF DIAMOND GRUNDY COUNTY

PLAN AND PROFILE STA. 16+00.00 TO STA. 22+00.00

CURRENT AS OF: 3/16	SHEET 8
SCALE: AS NOTED	OF 12
FILE NO.: 14111.01 Y-	



BENCHMARKS:

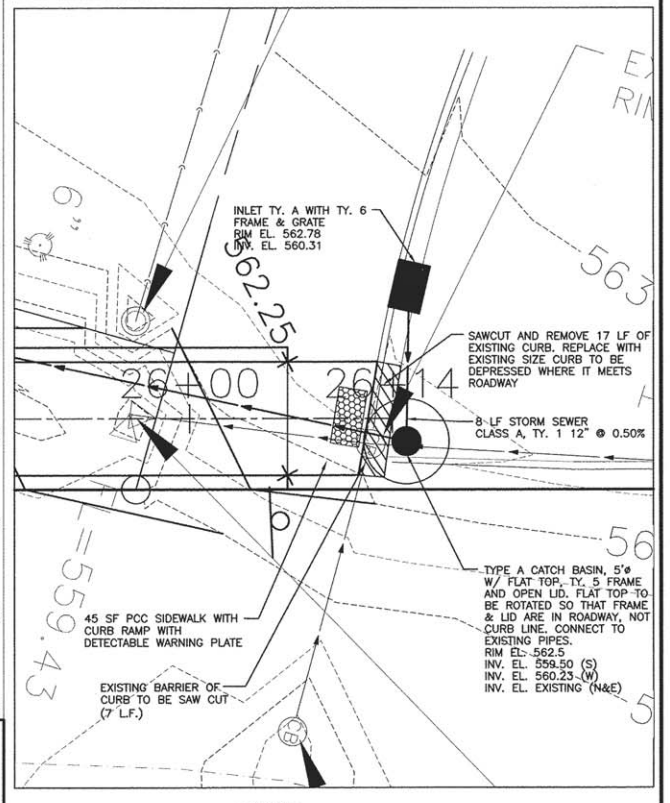
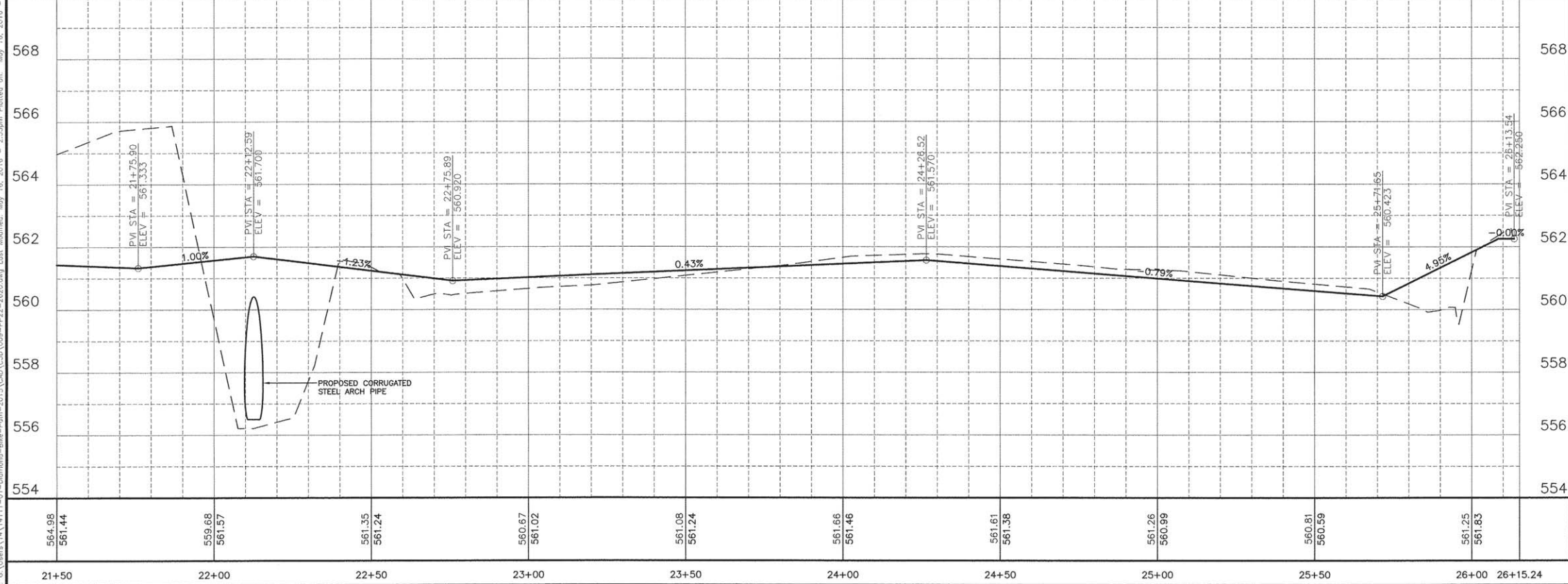
BM "A"
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CHISELED "X" ON TOP OF NORTH BOLT ON FIRE HYDRANT AT SOUTHWEST CORNER OF LAURA & AMBER LANE
ELEV. 566.34

BM "C"
CHISELED "X" ON TOP OF SOUTHEAST BOLT ON FIRE HYDRANT AT 260 MCGINTY STREET
ELEV. 565.52

- LEGEND:**
- S — PERIMETER EROSION BARRIER
 - - - - - EXISTING CONTOUR
 - - - - - EXISTING UNDERGROUND ELECTRIC LINE
 - S — EXISTING STORM SEWER
 - S — PROPOSED STORM SEWER
 - S — EXISTING SANITARY SEWER
 - W — EXISTING WATER MAIN
 - W — EXISTING WATER VALVE
 - W — EXISTING FIRE HYDRANT
 - W — EXISTING CATCH BASIN
 - W — EXISTING TREE
 - W — EXISTING TREE TO BE REMOVED
 - W — PROPOSED INLET
 - W — PROPOSED FLARED END SECTION
 - W — EXISTING SIGN
 - W — PROPOSED SIGN

NOTES:
1. ALL DISTURBED AREA TO BE STABILIZED WITH MULCH (DOT METHOD 2 APPLICATION) AND FERTILIZER NUTRIENT SEEDING (CLASS 1).



DETAIL CONTRACT NO. 87600

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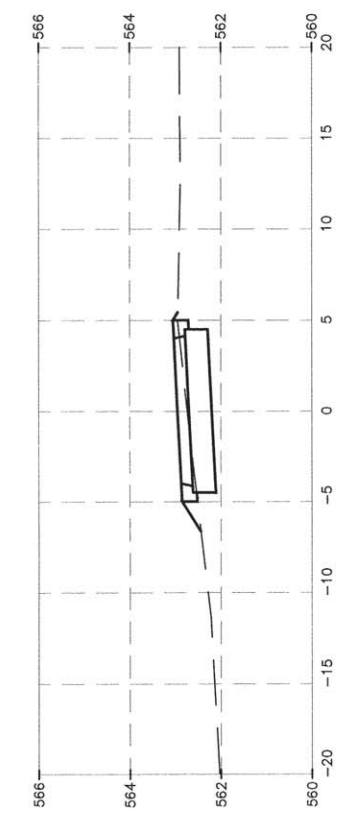
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PERU MORRIS
ILLINOIS

BIKE PATH 2015
SECTION 13-0008-00-BT
VILLAGE OF DIAMOND
GRUNDY COUNTY

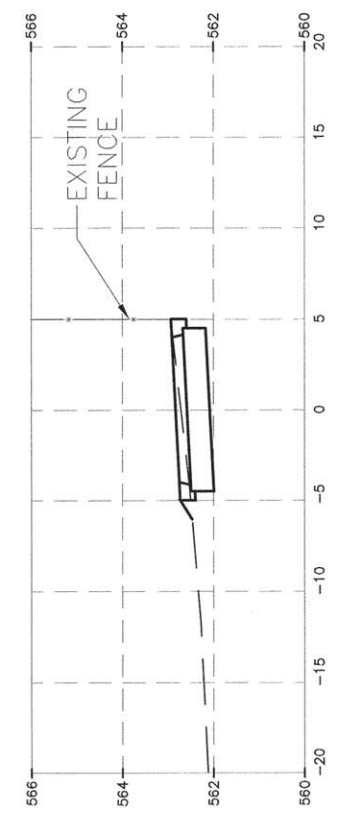
PLAN AND PROFILE
STA. 21+50.00 TO STA. 26+15.24

CURRENT AS OF: 3/16	SHEET 9
SCALE: 1" = 20'	OF 12
FILE NO.: 14111.01 Y-	

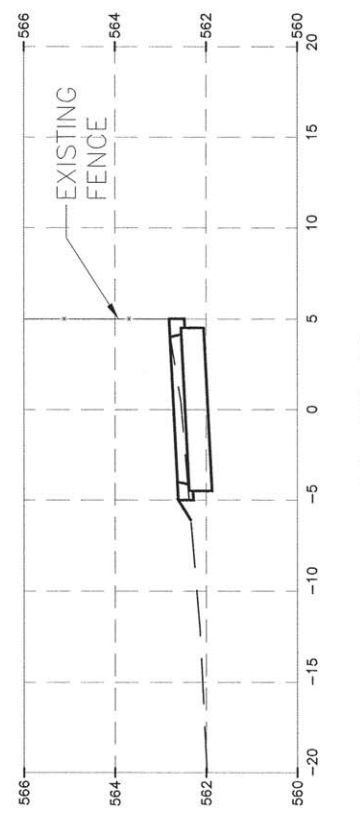
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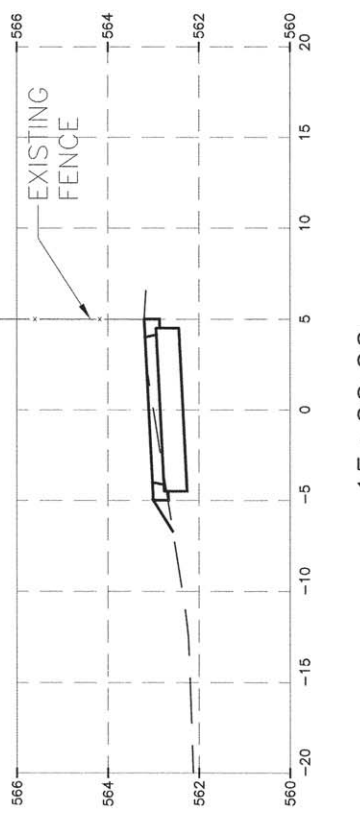
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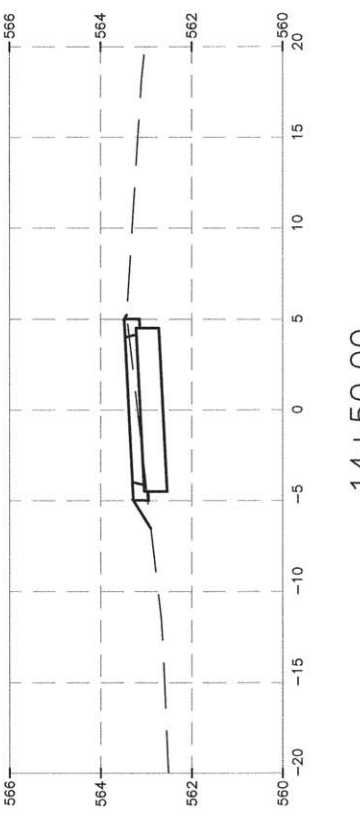
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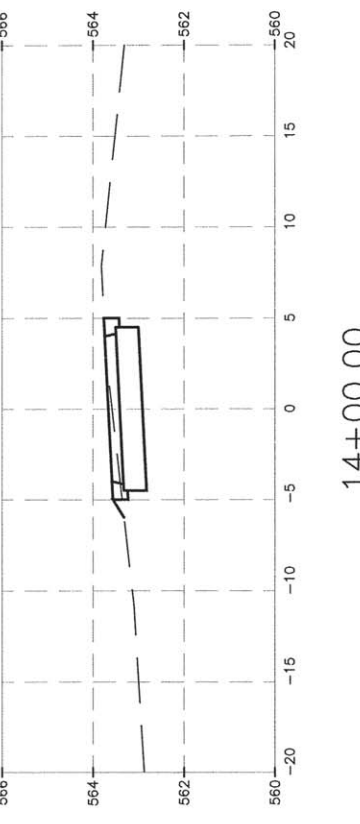
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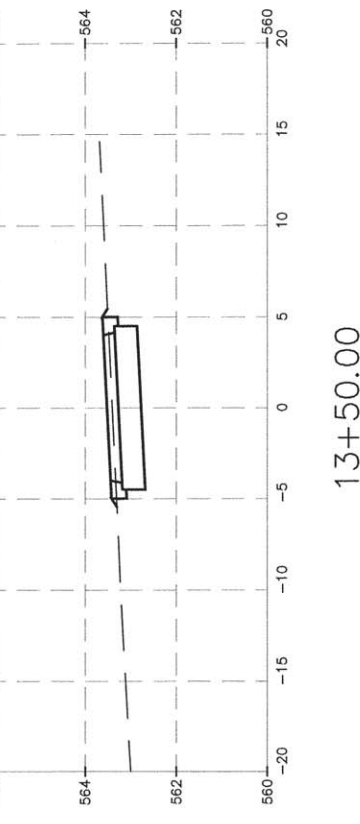
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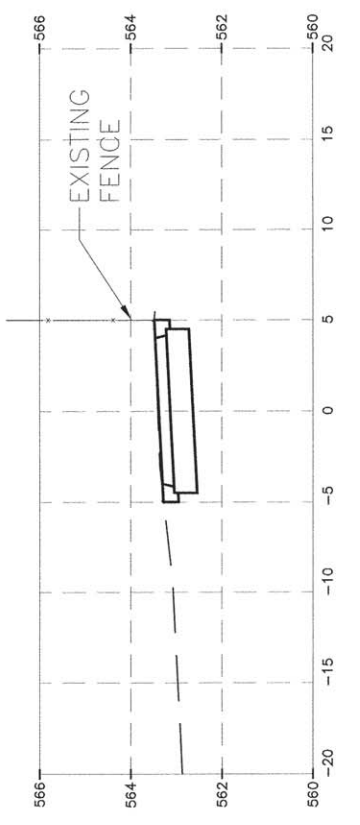
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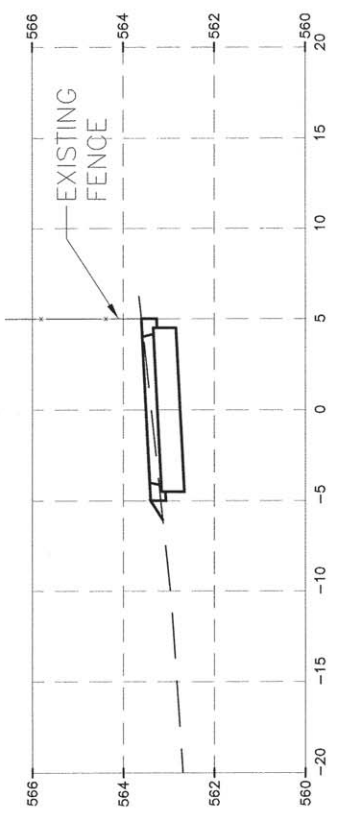
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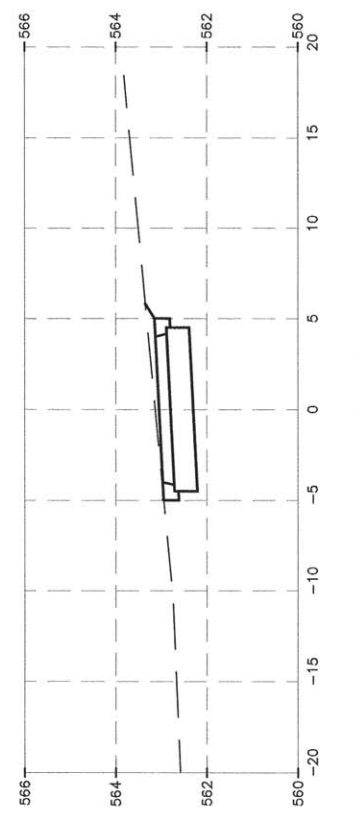
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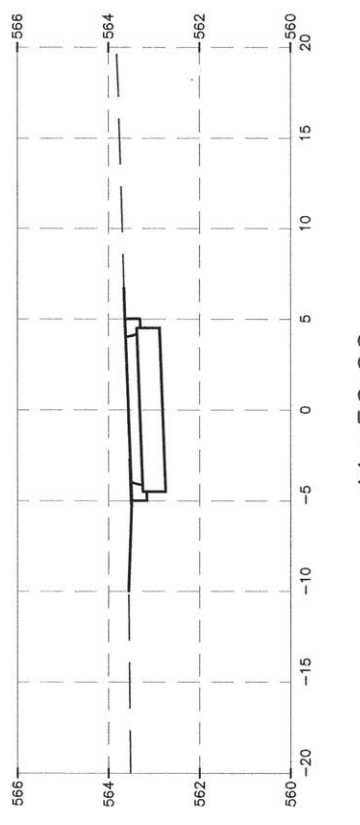
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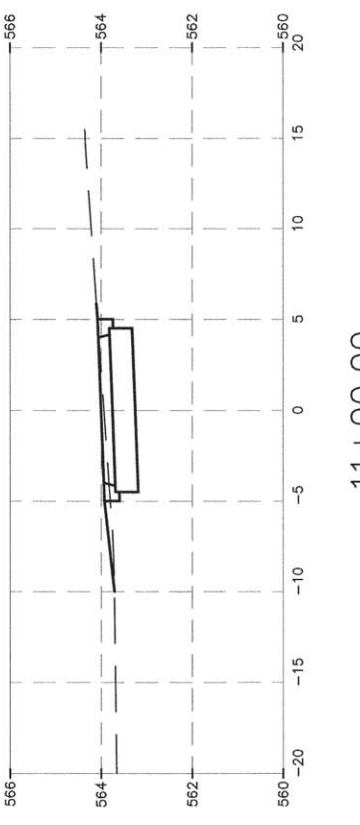
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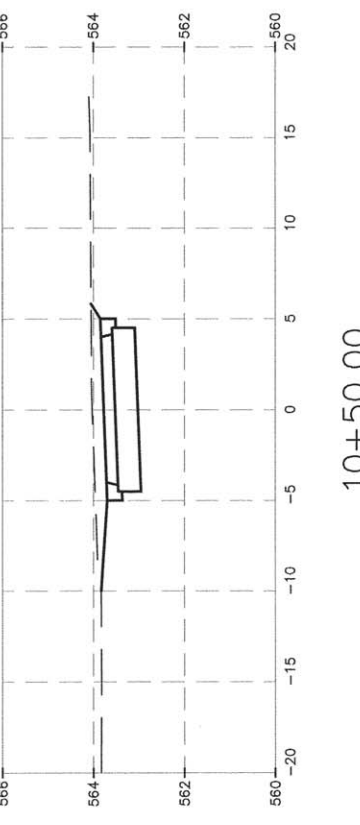
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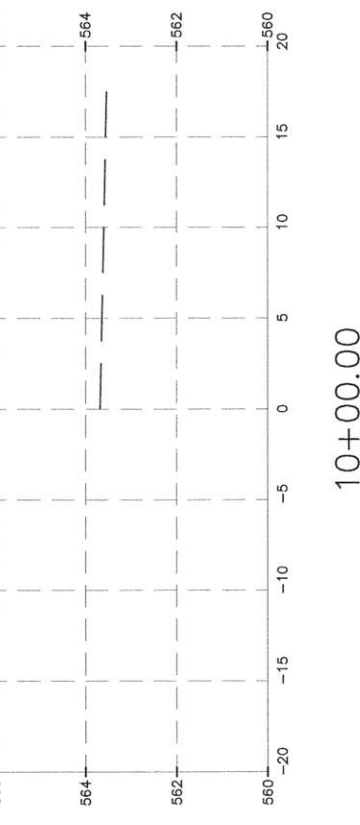
11+50.00



11+00.00



10+50.00



10+00.00

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CHAMLIN & ASSOCIATES, INC.
 PERU MORRIS ILLINOIS

BIKE PATH 2015
 SECTION 13-00008-00-BT
 VILLAGE OF DIAMOND
 GRUNDY COUNTY

CROSS SECTIONS

CONTRACT NO. 87600	
CURRENT AS OF: 09/09/2015	
SCALE: AS NOTED	SHEET 10
FILE NO.: 14111.01 Y-	OF 12

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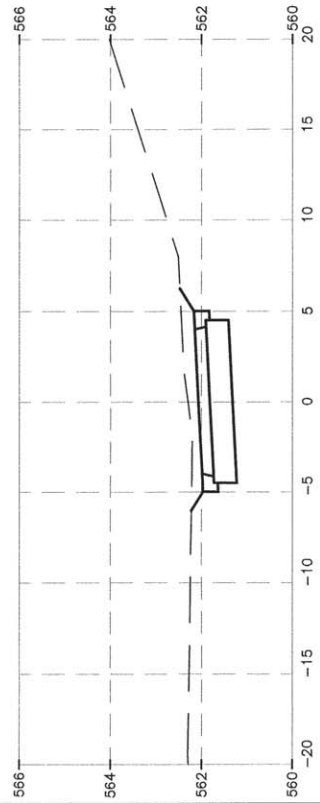
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 PERU MORRIS
 ILLINOIS

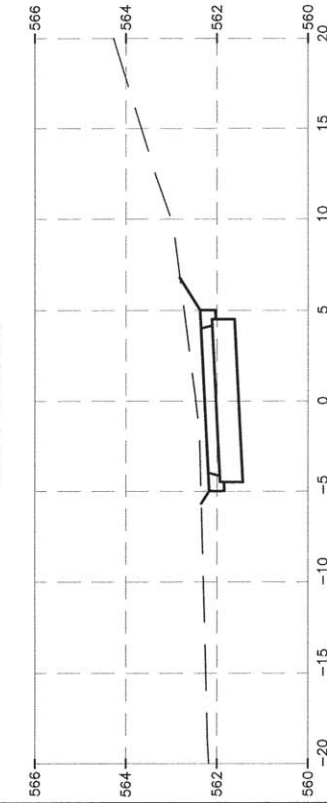
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 SECTION 13-0008-00-BT
 VILLAGE OF DIAMOND
 GRUNDY COUNTY

CROSS SECTIONS

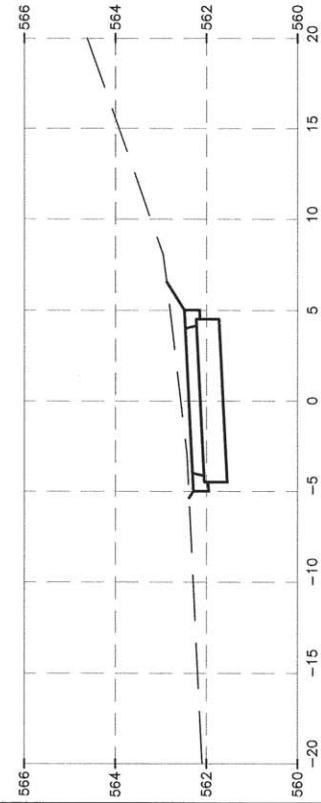
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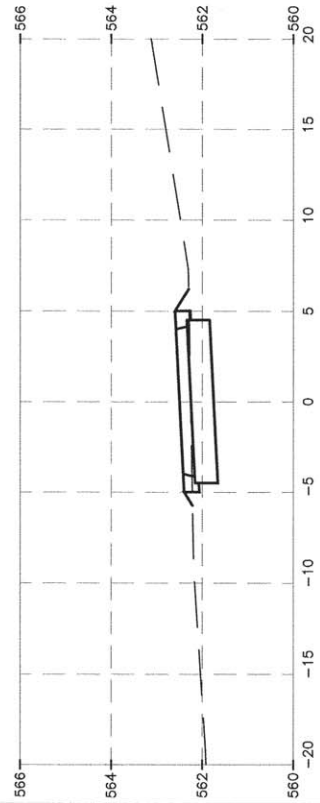
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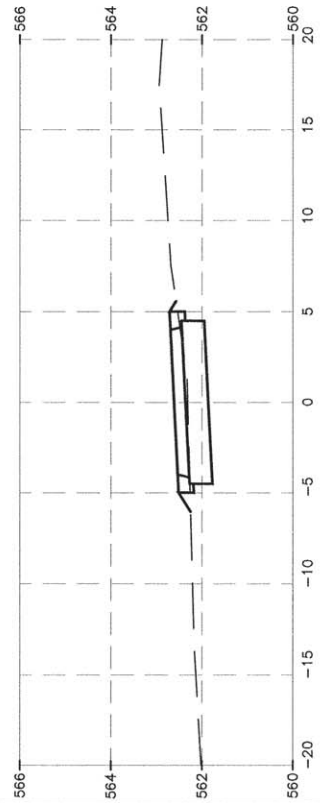
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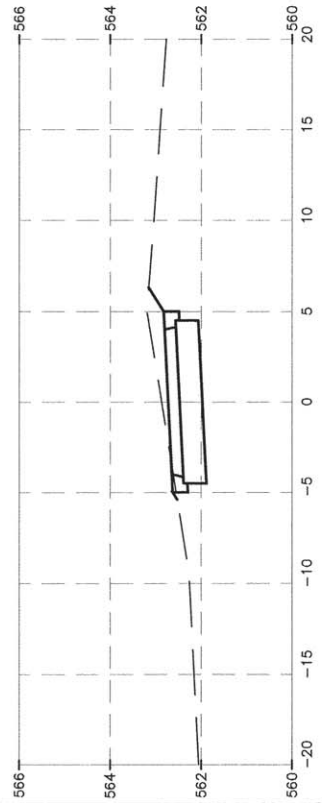
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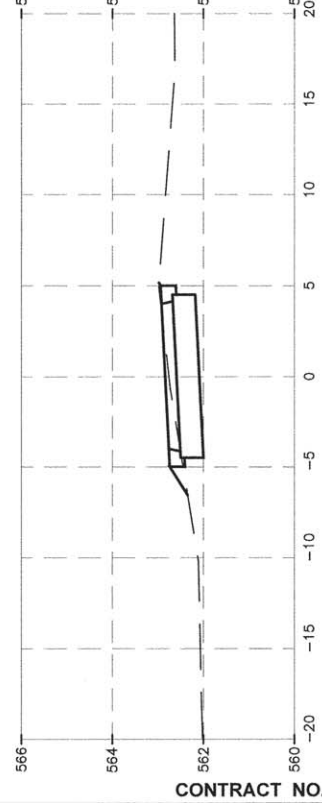
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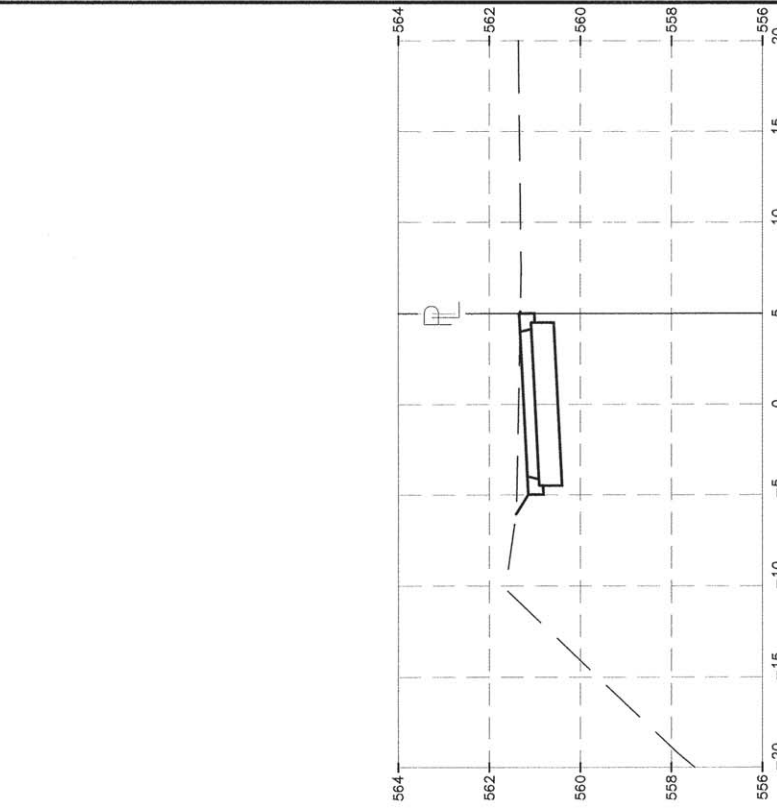
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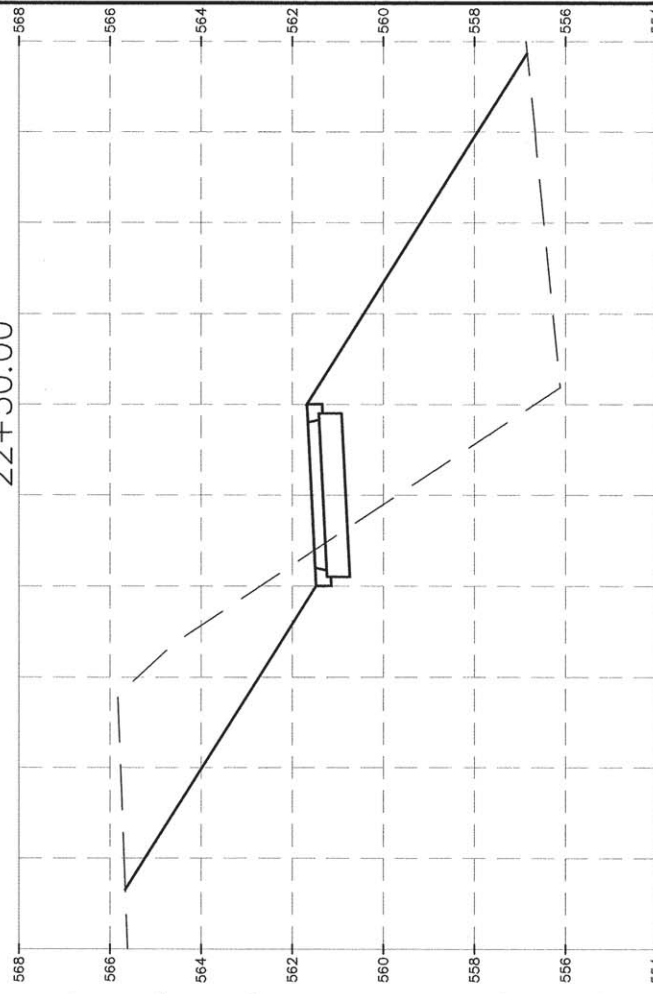
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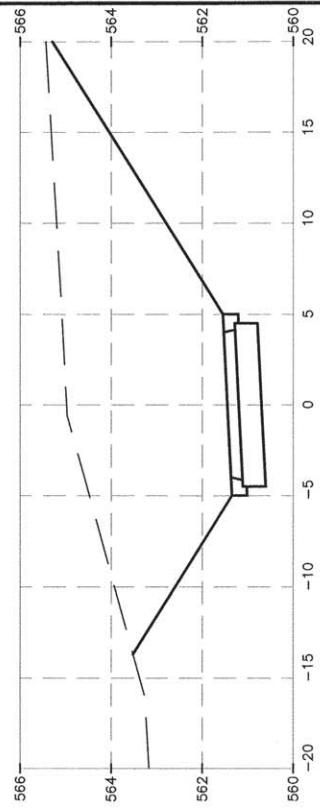
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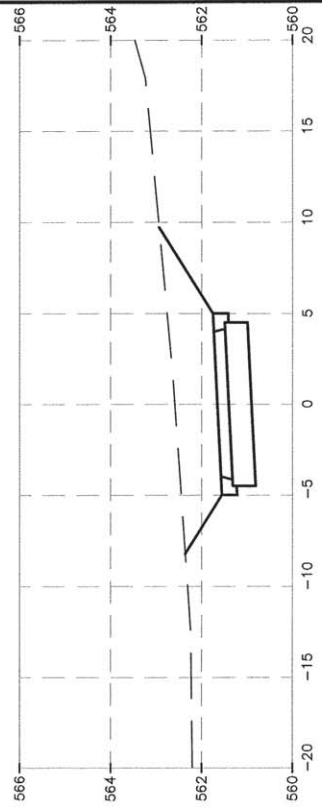
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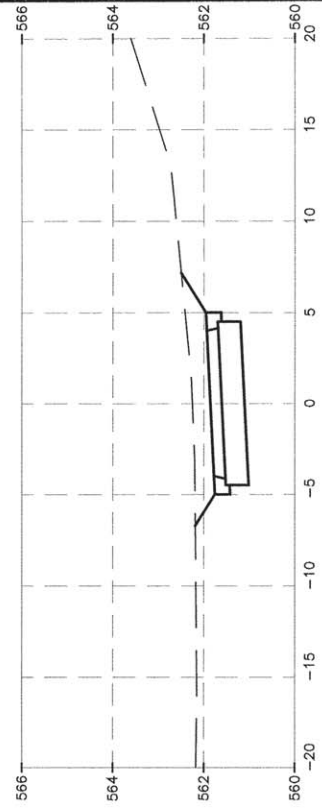
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21+50.00



21+00.00



20+50.00

CONTRACT NO. 87600

CHAMLIN & ASSOCIATES, INC. © 2015
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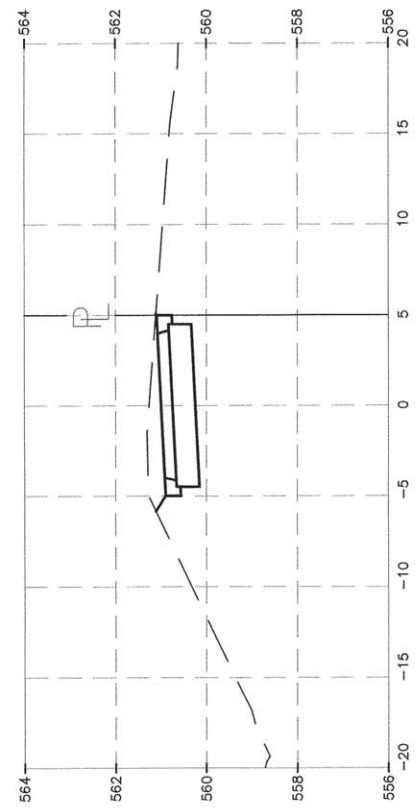
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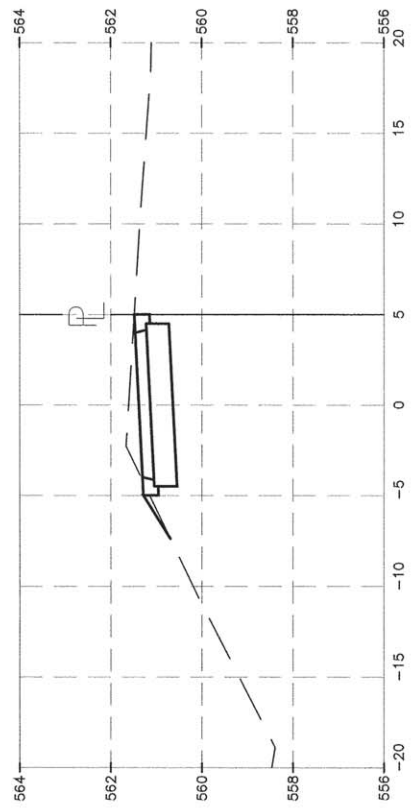
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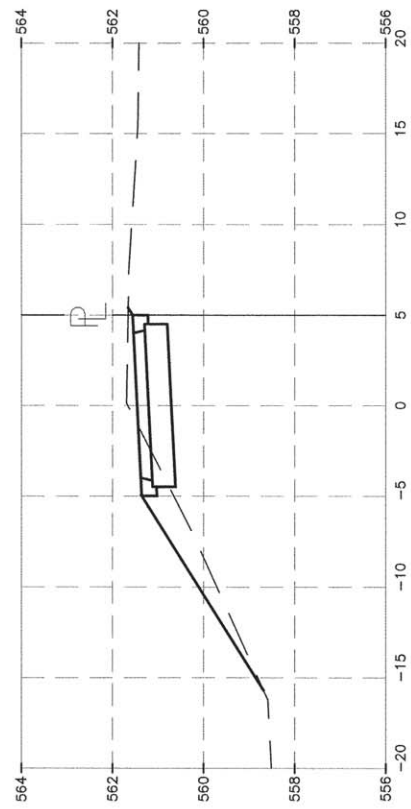
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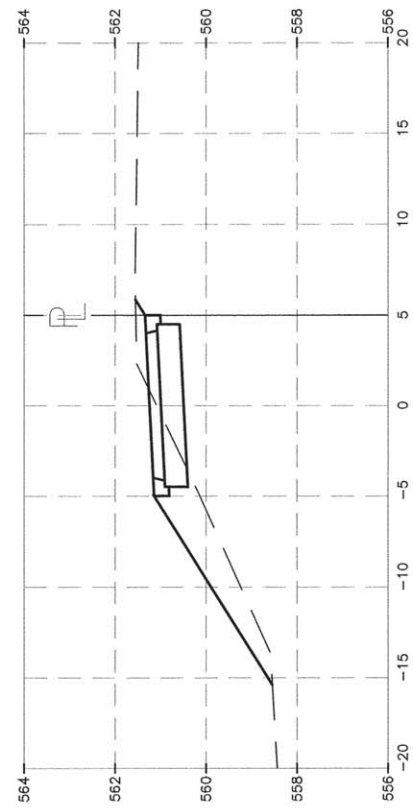
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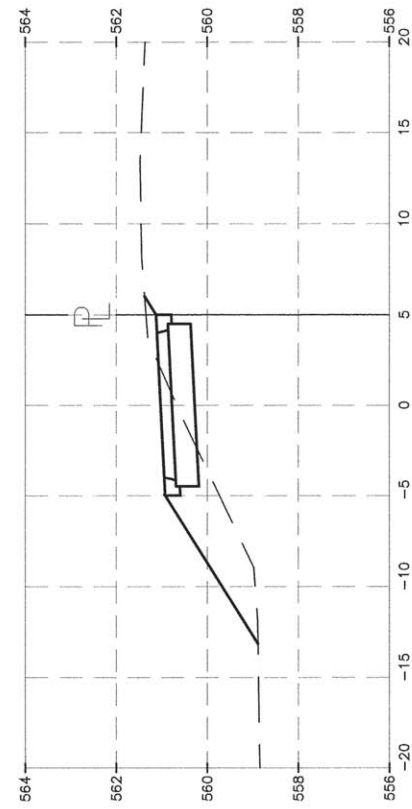
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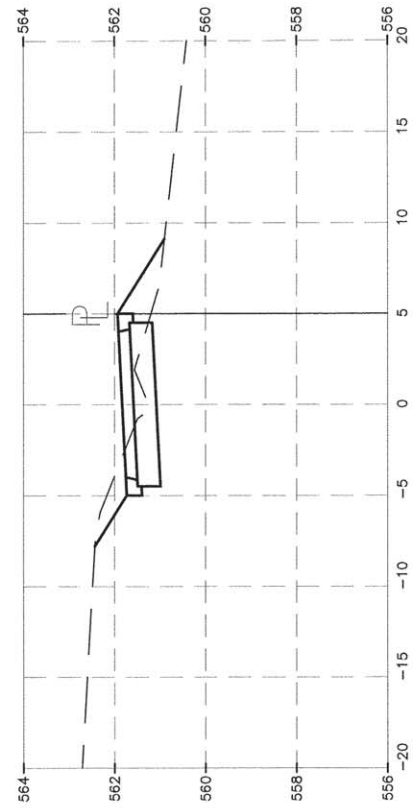
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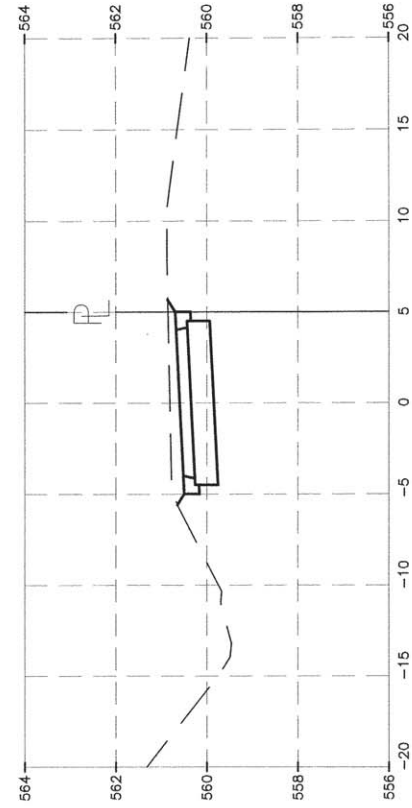
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23+00.00



26+00.00



25+50.00

CONTRACT NO. 87600