

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

# PLANS FOR PROPOSED FEDERAL AID HIGHWAY

STATE TRANSPORTATION URBAN FUNDING  
VILLAGE OF DIAMOND  
FAS 301 / FAU 383 (IL 113)  
SECTION 11-00007-00-WR  
PROJECT M-9003 (982)  
GRUNDY AND WILL COUNTIES  
C-93-077-12

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	11-00007-00-WR	**	96	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO.	87520	

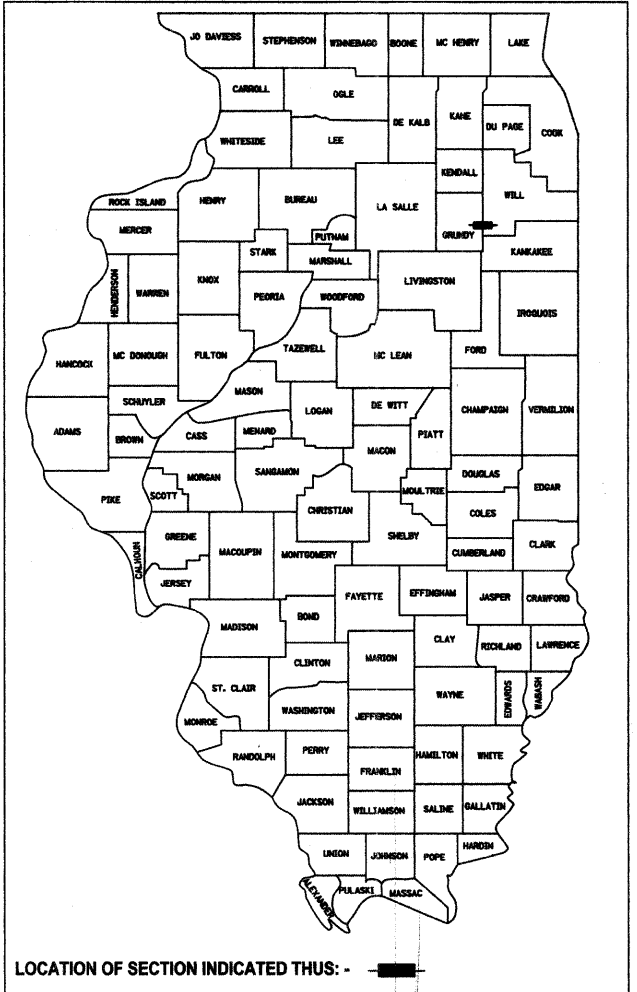
\* FAS 301/FAU 383  
\*\* GRUNDY AND WILL

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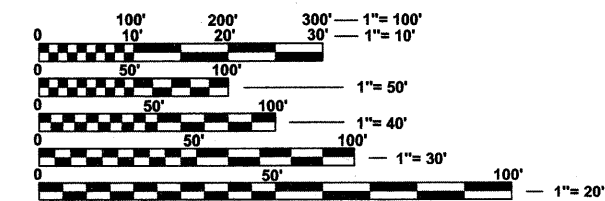
**HIGHWAY STANDARDS**

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-06 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-06 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 442201-03 CLASS C AND D PATCHES
- 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 602301-03 INLET, TYPE A
- 602306-03 INLET, TYPE B
- 602401-03 MANHOLE, TYPE A
- 602801-02 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-02 MANHOLE STEPS
- 604001-03 FRAME AND LIDS, TYPE 1
- 604006-04 FRAME AND GRATE, TYPE 3
- 604036-02 GRATE, TYPE 8
- 606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 606006-02 OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B-6.24 (B-15.60)
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
- 667101-01 PERMANENT SURVEY MARKERS
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
- 701006-03 OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
- 701011-02 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-03 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
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- 720001-01 SIGN PANEL MOUNTING DETAILS
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- 780001-03 TYPICAL PAVEMENT MARKINGS
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 782001 PRISMATIC CURB REFLECTORS
- 836001-01 LIGHT POLE FOUNDATION
- BLR21-9 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
- BLR22-7 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR RURAL LOCAL HIGHWAYS (TWO-LANE TWO WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)



FAS 301/FAU 383 (IL 113)  
FUNCTION CLASSIFICATION: MAJOR COLLECTOR  
ADT= 12653 (2012)  
POSTED SPEED 35 MPH WEST/45 MPH EAST

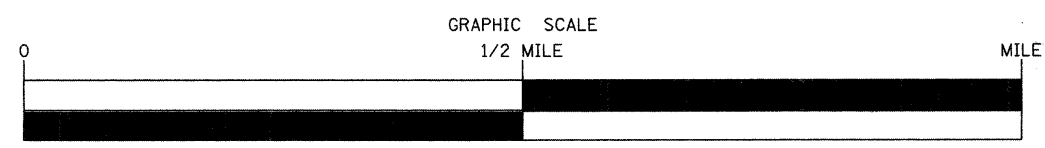
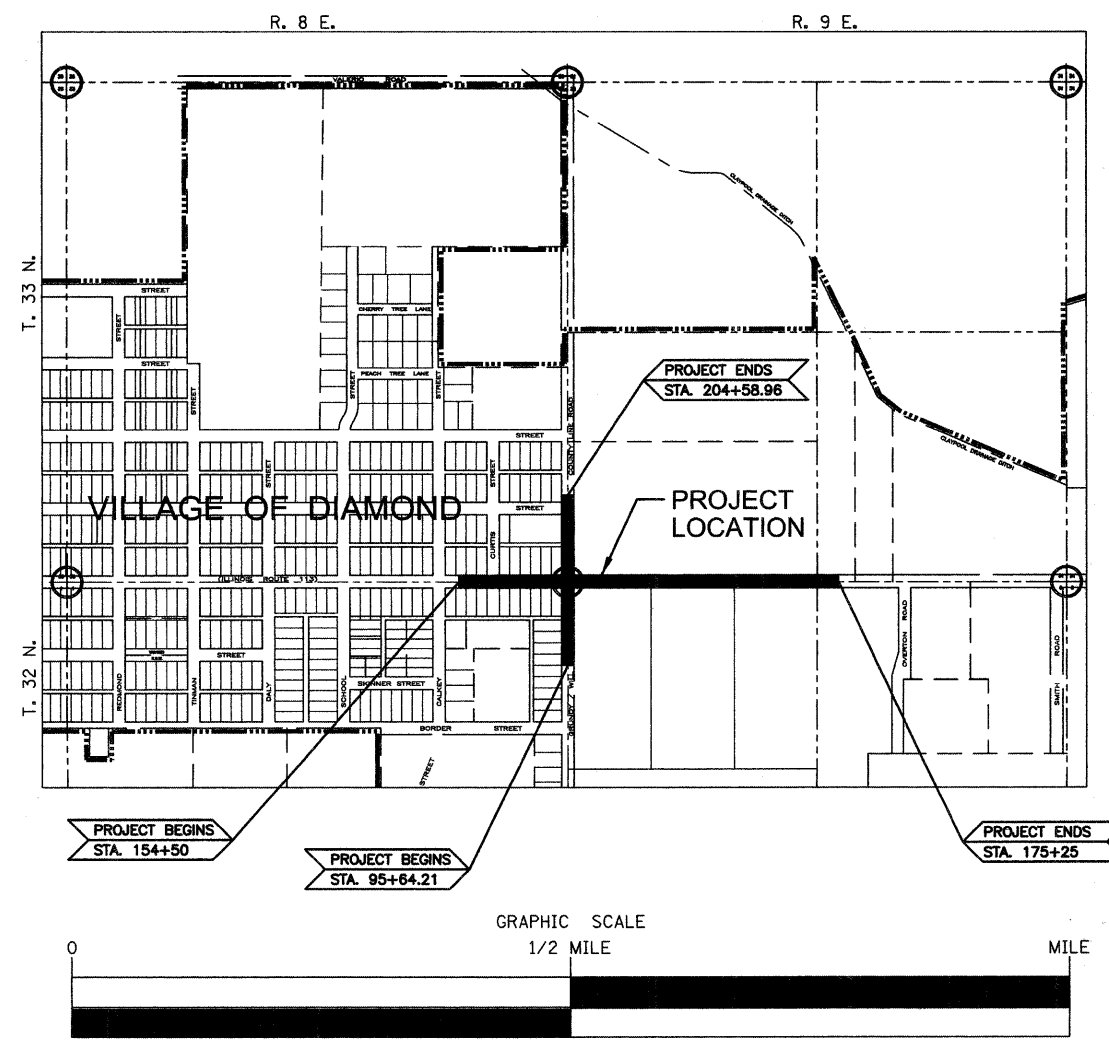
WILL ROAD  
FUNCTION CLASSIFICATION: LOCAL ROAD  
ADT= 1359 (2012)  
POSTED SPEED 35 MPH SOUTH/30 MPH NORTH



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. 87520**



NET LENGTH OF SECTION -- 2075' (0.393 MILES)  
GROSS LENGTH OF SECTION -- 2075' (0.393 MILES)

4/11/12  
date

**JAMES K. CLINARD**  
LICENSED PROFESSIONAL ENGINEER  
NO. 062-041793  
STATE OF ILLINOIS  
expires 11-30-2013

signature  
PROFESSIONAL DESIGN FIRM  
LICENSE NO. 184-001717

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED April 11 20 12  
*[Signature]*  
PRESIDENT, VILLAGE OF DIAMOND

PASSED April 12 20 12  
*[Signature]*  
DISTRICT 3 IMPLEMENTATION ENGINEER

RELEASED FOR BID BASED ON LIMITED REVIEW April 12 20 12  
*[Signature]*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 2 ENGINEER

JAMES K. CLINARD  
CHAMLIN & ASSOCIATES  
815.223.3344

GENERAL NOTES

THE THICKNESS OF HMA MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

PLACE CURB RAMPS FOR SIDEWALKS AT ALL LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT STREET ENTRANCES.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS/CU YD
AGGREGATE (PRIME COAT)	0.002	TONS/SQ YD
HMA RESURFACING	112	LBS/SQ YD/IN
SHORT TERM PAVEMENT MARKING	10	FT/100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS/SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS/SQ YD
SUPPLEMENTAL WATERING	3	GAL/SQ YD/APPLICATION
CALCIUM CHLORIDE	2	LB/SQ YD/APPLICATION
AGGREGATE DITCH CHECKS	5	TONS AGGREGATE

BITUMINOUS MATERIALS (PRIME COAT) RATES		
SURFACE TYPE	ESTIMATED TRUCK APPLICATION RATE	RESIDUAL RATE
AGGREGATE BASES	0.375 GAL/SQ YD	N/A
MILLED HMA OR PCC PAVEMENT	0.08 GAL/SQ YD	0.04 GAL/SQ YD
EXISTING PAVEMENT	0.05 GAL/SQ YD	0.025 GAL/SQ YD
FOG COAT		
(BETWEEN ADDITIONAL HMA LIFTS)	0.05 GAL/SQ YD	0.025 GAL/SQ YD

ESTIMATED TRUCK APPLICATION RATE USED FOR CALCULATING PLAN QUANTITIES

THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.

ALL EQUIVALENT ROUND PIPE SHALL BE ARCHES.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

AT&T (SBC) 65 W. WEBSTER ST., 4TH FLOOR JOLIET, IL 60431	1-815-727-8049
COMED 1910 SOUTH BRIGGS STREET JOLIET, IL 60431	1-815-724-5170
NICDR GAS 1305 DR. MARTIN LUTHER KING DR. BLOOMINGTON, IL 61701	1-309-828-5002 EXT. 242
COMCAST 1304 MARQUETTE DRIVE ROMEDEVILLE, IL 60446	1-847-489-0283
VILLAGE OF DIAMOND 1750 E. DIVISION ST. DIAMOND, IL 60416	1-815-634-8149

COMMITMENTS: THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE EMERGENCY SERVICES AND SCHOOL DISTRICTS TWO WEEKS IN ADVANCE OF THE WORK.

THE EXISTING SECTION CORNER (BRASS MONUMENT) AT STA. 160+34 SHALL BE PRESERVED IN ACCORDANCE WITH SECTION 668 OF THE STANDARD SPECIFICATIONS. A NEW PERMANENT SURVEY MARKER SHALL BE SET IN ITS PLACE AND LAND SECTION MARKERS SHALL BE SET IN ACCORDANCE WITH DETAIL ON SHEET 63.

HORIZONTAL CONTROL (STATE PLANE COORDINATES)

	NORTHING	EASTING
STA. 154+00	1683433.95	1007386.95
STA. 160+28/STA. 200+00	1683450.02	1008014.75
STA. 160+34/STA. 100+00	1683450.18	1008020.75
STA. 180+00	1683510.64	1009985.82
STA. 95+00	1682950.36	1008034.26
STA. 204+38.71	1683888.61	1008010.62

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CHECKED BY: JKC  
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Plotted on: Mar 27, 2012 - 1:23:00pm by nancie

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	LEVEL	BY	DATE	DESCRIPTION
CHECKED BY: JKC				
DATE: 02/12				

**CHAMBLIN & ASSOCIATES**  
PERU MORRIS  
ILLINOIS

FAS 301 / FAU 383  
SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

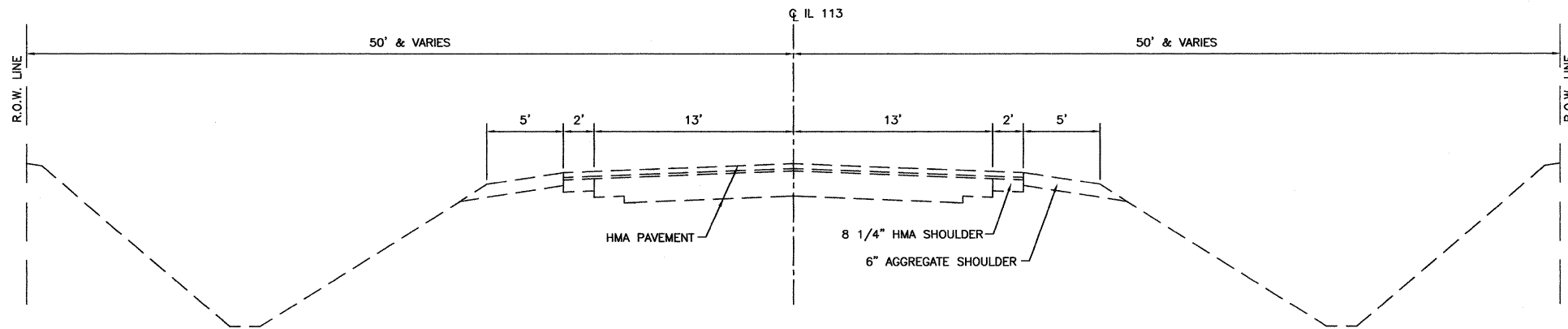
GENERAL NOTES

**CONSTRUCTION PLANS**

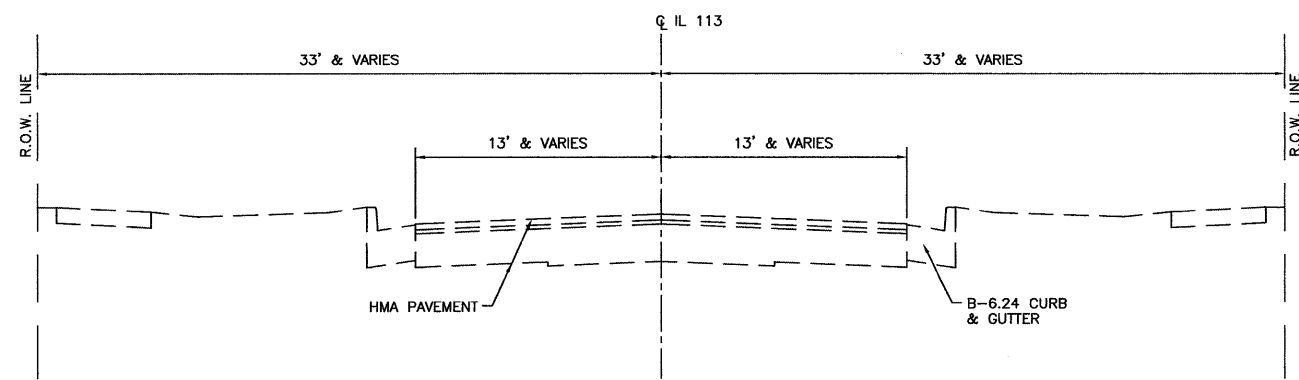
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FILE NO.: 66022.01 Y-	OF 96

CONTRACT NO. 87520

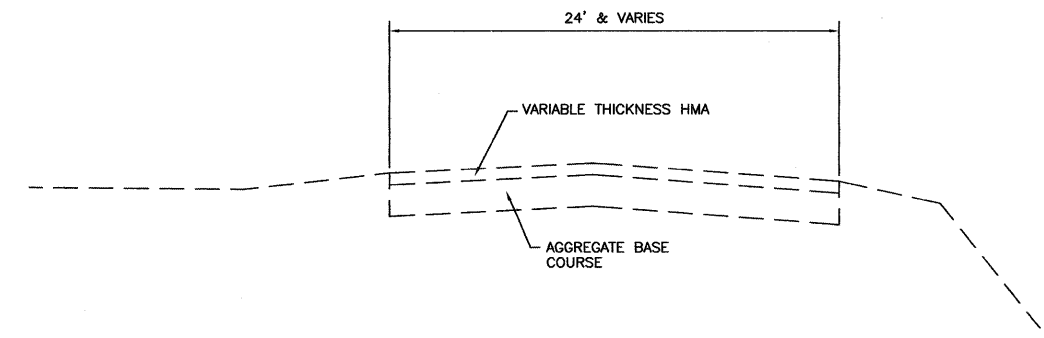
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**EXISTING TYPICAL SECTION**  
 N.T.S.  
 IL 113  
 STA. 160+34 TO STA. 175+50



**EXISTING TYPICAL SECTION**  
 N.T.S.  
 IL 113  
 STA. 154+50 TO STA. 160+34



**EXISTING TYPICAL SECTION**  
 N.T.S.  
 WILL ROAD  
 STA. 95+64.21 TO STA. 99+87  
 STA. 200+13 TO STA. 204+58.96

CONTRACT NO. 87520

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**CHAMBLIN & ASSOCIATES**  
 PERU MORRIS  
 ILLINOIS

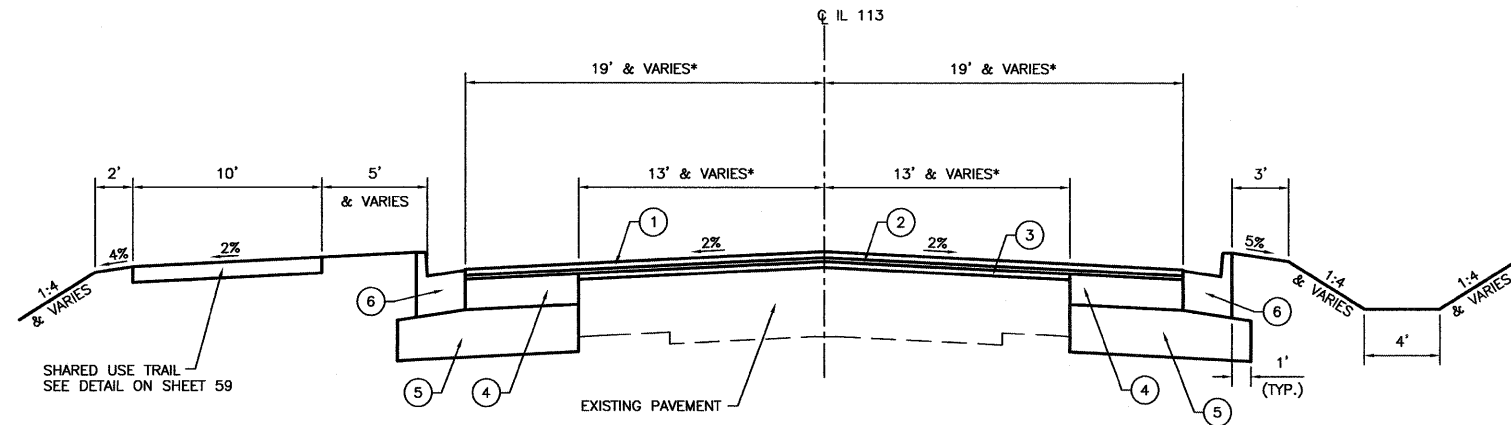
FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

EXISTING TYPICAL SECTIONS

**CONSTRUCTION PLANS**

CURRENT AS OF: 02/12	SHEET 3
SCALE: AS NOTED	OF 96
FILE NO.: 66022.01 Y-	

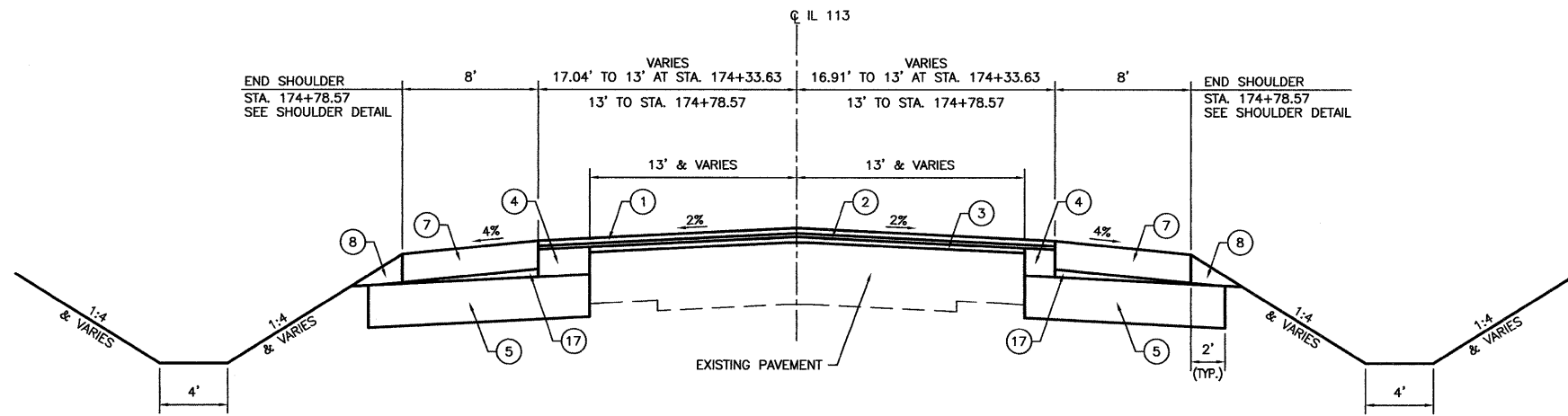
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**PROPOSED TYPICAL SECTION**

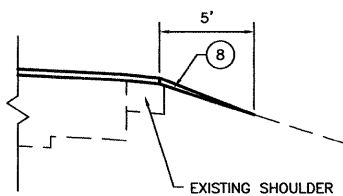
N.T.S.  
 IL 113  
 STA. 154+50 TO LT STA. 172+51.64/RT STA. 172+62.12

\* PAVEMENT WIDTHS VARY AT INTERSECTIONS



**PROPOSED TYPICAL SECTION**

N.T.S.  
 IL 113  
 LT STA. 172+51.82/RT STA. 172+62.12 TO STA. 175+25



**SHOULDER DETAIL**

N.T.S.  
 IL 113  
 STA. 174+78.57 TO STA. 175+25

**LEGEND**

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ② LEVELING BINDER (MACHINE METHOD), N70, 1"
- ③ LEVELING BINDER (MACHINE METHOD), N70, VARIABLE DEPTH
- ④ HOT-MIX ASPHALT BASE COURSE, 7 3/4"
- ⑤ SUBBASE GRANULAR MATERIAL, TYPE A, 12"
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑦ HOT-MIX ASPHALT SHOULDER, 8"
- ⑧ AGGREGATE SHOULDERS, TYPE B
- ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 1 1/2"
- ⑩ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 3 1/4"
- ⑪ AGGREGATE BASE COURSE, TYPE A 8"
- ⑫ AGGREGATE SHOULDERS, TYPE B 4 3/4"
- ⑬ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑭ LEVELING BINDER (MACHINE METHOD), N50, VARIABLE DEPTH
- ⑮ LEVELING BINDER (MACHINE METHOD), N50, 3 1/4"
- ⑯ AGGREGATE SHOULDERS TYPE B 6"
- ⑰ SUBBASE GRANULAR MATERIAL, TYPE C

**IL 113**

STRUCTURAL DESIGN TRAFFIC:	Year	2022
	PV =	13501
	SU =	850
	MU =	333
ROAD/STREET CLASSIFICATION:	Class	MAJOR COLLECTOR
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
	P =	50
	S =	50
	M =	50
TRAFFIC FACTOR:	Actual TF =	1.80
	AC Type =	20
	Minimum TF =	3.4
PG GRADE:	Binder =	PG64-22
	Surface =	PG64-22
SUBGRADE SUPPORT RATING:		
	SSR =	POOR

	HMA SURFACE	BASE COURSE	HMA LEVEL BINDER	HMA SHOULDERS
PG GRADE	PG64-22	PG64-22	PG64-22	PG64-22
DESIGN AIR VOIDS	4.0% e N70	4.0% e N70	4.0% e N70	4.0% e N50
MIXTURE COMPOSITION	IL 9.5	IL 19.0	IL 9.5	IL 19.0
FRICTION AGGREGATE	MIXTURE D	--	--	--
DENSITY TEST METHOD	CORES/ CORRELATION	CORES	SATISFACTION OF ENGINEER	CORES

• 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.

CONTRACT NO. 87520

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DATE: 02/12				

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 ILLINOIS

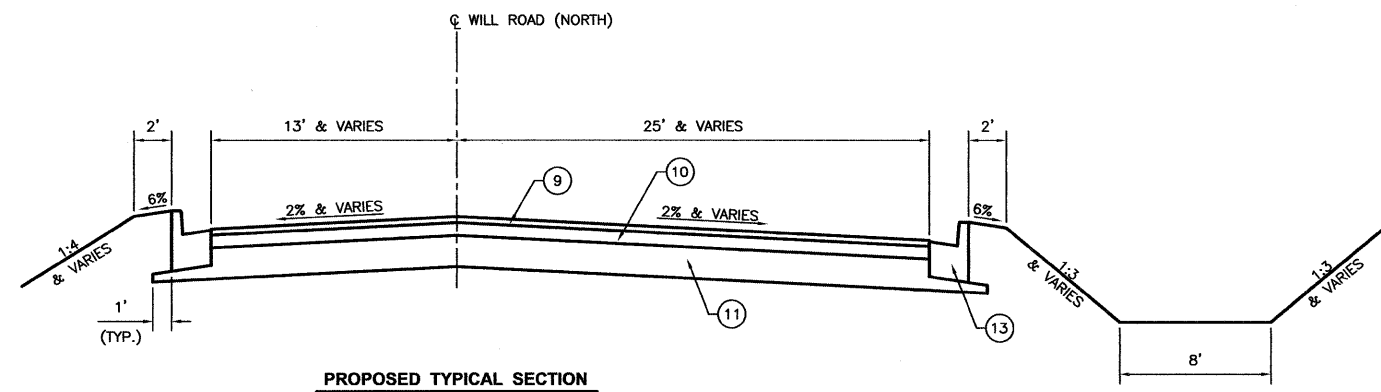
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 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

PROPOSED TYPICAL SECTIONS

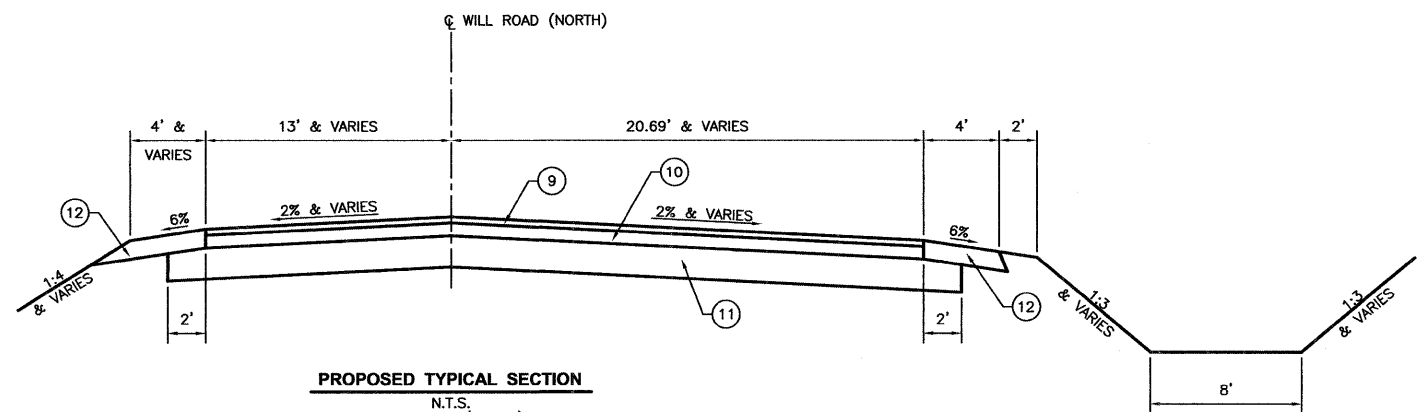
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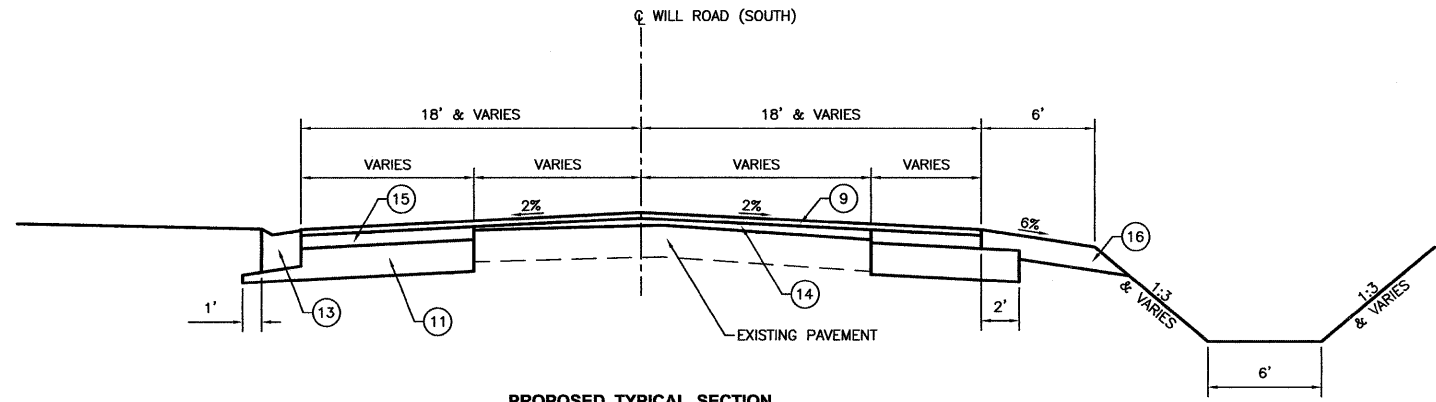
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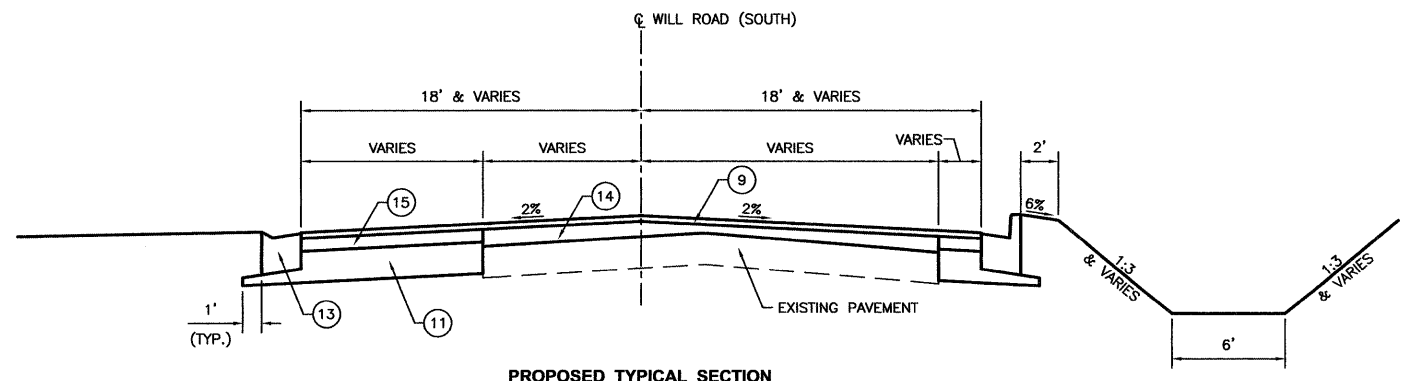
**PROPOSED TYPICAL SECTION**  
 N.T.S.  
 WILL ROAD (NORTH)  
 STA. 200+50.00 TO STA. 202+94.80  
 (NOTE - END LEFT CURB AND GUTTER AT STA. 202+35 AND BEGIN AGGREGATE SHOULDER)



**PROPOSED TYPICAL SECTION**  
 N.T.S.  
 WILL ROAD (NORTH)  
 STA. 202+94.80 TO STA. 204+58.96



**PROPOSED TYPICAL SECTION**  
 N.T.S.  
 WILL ROAD (SOUTH)  
 STA. 95+64.21 TO STA. 97+44.89



**PROPOSED TYPICAL SECTION**  
 N.T.S.  
 WILL ROAD (SOUTH)  
 STA. 97+44.89 TO STA. 99+50

**LEGEND**

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ② LEVELING BINDER (MACHINE METHOD), N70, 1"
- ③ LEVELING BINDER (MACHINE METHOD), N70, VARIABLE DEPTH
- ④ HOT-MIX ASPHALT BASE COURSE, 7 3/4"
- ⑤ SUBBASE GRANULAR MATERIAL, TYPE A, 12"
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑦ HOT-MIX ASPHALT SHOULDER, 8"
- ⑧ AGGREGATE SHOULDERS, TYPE B
- ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 1 1/2"
- ⑩ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 3 1/4"
- ⑪ AGGREGATE BASE COURSE, TYPE A 8"
- ⑫ AGGREGATE SHOULDERS, TYPE B 4 3/4"
- ⑬ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑭ LEVELING BINDER (MACHINE METHOD), N50, VARIABLE DEPTH
- ⑮ LEVELING BINDER (MACHINE METHOD), N50, 3 1/4"
- ⑯ AGGREGATE SHOULDERS TYPE B 6"

STRUCTURAL DESIGN TRAFFIC:	Year	2022
	PV =	1276
	SU =	73
	MU =	10
ROAD/STREET CLASSIFICATION:	Class	LOCAL ROAD
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
	P =	50
	S =	50
	M =	50
TRAFFIC FACTOR:	Actual TF =	0.21
	AC Type =	20
	Minimum TF =	N/A
PG GRADE:	Binder =	PG64-22
	Surface =	PG64-28
SUBGRADE SUPPORT RATING:		
	SSR =	POOR

	HMA SURFACE	BINDER	HMA LEVEL BINDER
PG GRADE	PG64-28	PG64-22	PG64-22
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 9.5	IL 19.0	IL 9.5
FRICTION AGGREGATE	MIXTURE C	--	--
DENSITY TEST METHOD	CORES/CORRELATION	SATISFACTION OF ENGINEER	SATISFACTION OF ENGINEER

• 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.

DRAWN BY: NV	REVISIONS			
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 02/12				

**CHAMBLIN & ASSOCIATES**  
 PERU MORRIS  
 ILLINOIS

FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

PROPOSED TYPICAL SECTIONS

<b>CONSTRUCTION PLANS</b>	CURRENT AS OF:	02/12
	SCALE:	AS NOTED
	FILE NO.:	66022.01 Y- OF 96

CONTRACT NO. 87520

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 Last Modified: Apr 11, 2012 - 11:47am  
 Plotted on: Apr 11, 2012 - 12:01pm by rmcgib

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	PARTICIPATING	NON-PARTICIPATING
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	118	118	—
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	140	140	—
20200100	EARTH EXCAVATION	CU YD	5199	4705	494
20400800	FURNISHED EXCAVATION	CU YD	2456	843	1613
20700220	POROUS GRANULAR EMBANKMENT	CU YD	136	136	—
20800150	TRENCH BACKFILL	CU YD	529	486	43
* 25000210	SEEDING, CLASS 2A	ACRE	1.76	1.11	0.65
* 25000310	SEEDING, CLASS 4	ACRE	0.82	0.82	—
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	235	176.8	58.2
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	235	176.8	58.2
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	235	176.8	58.2
Δ 25100115	MULCH, METHOD 2	ACRE	1.76	1.11	0.65
* 25100630	EROSION CONTROL BLANKET	SQ YD	4026	3983	43
* 25200110	SODDING, SALT TOLERANT	SQ YD	230	230	—
* 25200200	SUPPLEMENTAL WATERING	UNIT	14	14	—
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	525	396	129
28000305	TEMPORARY DITCH CHECKS	FOOT	24	0	24
28000400	PERMETER EROSION BARRIER	FOOT	1622	1418	204
28000500	INLET AND PIPE PROTECTION	EACH	11	10	1
28100107	STONE RIPRAP, CLASS A4	SQ YD	70	70	—
28200200	FILTER FABRIC	SQ YD	70	70	—
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	5879	3866	2013
31101900	SUBBASE GRANULAR MATERIAL, TYPE C	TON	24	0	24
35100100	AGGREGATE BASE COURSE, TYPE A	TON	1864	1720	144
35501315	HOT-MIX ASPHALT BASE COURSE, 7 3/4"	SQ YD	3645	2526	1119
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	85	85	—
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	224	193	31
Δ 40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2925	2320	605
40600300	AGGREGATE (PRIME COAT)	TON	51	33.1	17.9
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	2	1	1
40600535	LEVELING BINDER (HAND METHOD), N70	TON	3	2	1
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	255	255	—
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	2265	1170	1095
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	373	179	194
40600990	TEMPORARY RAMP	SQ YD	40	26	14
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	334	334	—
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	374	374	—

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	PARTICIPATING	NON-PARTICIPATING
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	727	445	282
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	181	134	47
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	103	103	—
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	553	462	91
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	2719	2106	613
42400800	DETECTABLE WARNINGS	SQ FT	330	248	82
44000100	PAVEMENT REMOVAL	SQ YD	1735	1735	—
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	879	879	—
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	348	233	115
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1306	1306	—
44000600	SIDEWALK REMOVAL	SQ FT	1703	1703	—
44004250	PAVED SHOULDER REMOVAL	SQ YD	631	296	335
44200094	PAVEMENT PATCHING, TYPE II, 8 INCH	SQ YD	21	21	—
44200101	PAVEMENT PATCHING, TYPE IV, 8 INCH	SQ YD	220	220	—
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	4150	2600	1550
Δ 48101200	AGGREGATE SHOULDERS, TYPE B	TON	126	85	41
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	411	0	411
50105220	PIPE CULVERT REMOVAL	FOOT	182	136	46
Δ 54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2	2	—
Δ 54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	2	2	—
54010603	PRECAST CONCRETE BOX CULVERTS 6' X 3'	FOOT	272	272	—
x5400903	PRECAST CONCRETE BOX CULVERTS 9' X 3' (SPECIAL)	FOOT	137	137	—
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	52	0	52
54213450	END SECTIONS 15"	EACH	2	0	2
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	7	3	4
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1	—
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1	1	—
54248510	CONCRETE COLLAR	CU YD	1.2	1.2	—
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	261	203	58
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	450	450	—
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	64	64	—
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	65	65	—
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	61	61	—
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	61	61	—

\* - SPECIALTY ITEM  
 Δ - SPECIAL PROVISION

DRAWN BY: NV	LEVEL	BY	DATE	REVISIONS
CHECKED BY: JKC				DESCRIPTION
DATE: 02/12				

**CHAMBLIN & ASSOCIATES**  
 PERU MORRIS ILLINOIS

FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

SUMMARY OF QUANTITIES

**CONSTRUCTION PLANS**

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 6
FILE NO.: 66022.01 Y-	OF 96

CHAMBLIN & ASSOCIATES, INC. 02/12  
 113-Env-Survey-CAD\3D\PLANS-EXTENDED\06-SOO.dwg, last Modified: Apr 11, 2012 - 11:47am, Picked on: Apr 11, 2012 - 12:02pm by cncs

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	PARTICIPATING	NON-PARTICIPATING
550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	39	39	—
55100500	STORM SEWER REMOVAL 12"	FOOT	73	73	—
55100900	STORM SEWER REMOVAL 18"	FOOT	28	28	—
55101200	STORM SEWER REMOVAL 24"	FOOT	62	62	—
55101400	STORM SEWER REMOVAL 30"	FOOT	83	83	—
Δ * 56100600	WATER MAIN 6"	FOOT	43	43	—
Δ * 56104900	WATER VALVES 6"	EACH	1	1	—
Δ * 56106400	ADJUSTING WATER MAIN 8"	FOOT	75	75	—
Δ * 56108900	TAPPING VALVES AND SLEEVES 8"	EACH	1	1	—
Δ * 56109210	WATER VALVES TO BE ADJUSTED	EACH	3	3	—
* 56400100	FIRE HYDRANTS TO BE MOVED	EACH	1	1	—
Δ * 56400810	FIRE HYDRANT EXTENSION	FOOT	3	3	—
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	12	12	—
60107600	PIPE UNDERDRAINS 4"	FOOT	90	90	—
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	4	2
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1	1	—
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	3	3	—
60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1	—
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	—
60221200	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	3	3	—
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	9	5	4
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	4	4	—
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	6	6	—
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	2	2	—
60255500	MANHOLES TO BE ADJUSTED	EACH	3	3	—
60260100	INLETS TO BE ADJUSTED	EACH	1	1	—
60500040	REMOVING MANHOLES	EACH	1	1	—
60500060	REMOVING INLETS	EACH	8	8	—
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	3.4	0	3.4
60600605	CONCRETE CURB, TYPE B	FOOT	53	53	—
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	85	85	—

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	PARTICIPATING	NON-PARTICIPATING
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	840	840	—
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	3499	2617	882
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	84	84	—
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	630	630	—
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	1	1	—
Δ * 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	730	730	—
Δ * 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1	—
Δ * 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4	—
67100100	MOBILIZATION	L SUM	1	0.75	0.25
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	—
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.8	0.2
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0.8	0.2
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1	—
70101835	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	L SUM	1	1	—
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	45	45	—
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	1	1	—
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2323	1507	816
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	265	203	62
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	10583	6803	3780
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1276	986	290
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	690	690	—
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	637	517	120
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	58	58	—
Δ 70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	6418	4559	1859
* 72000100	SIGN PANEL - TYPE 1	SQ FT	54	34	20
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	64	64	—
* 73000100	WOOD SIGN SUPPORT	FOOT	305	183	122
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	265	203	62
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	10583	6803	3780
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1276	986	290
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	690	690	—
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	637	517	120
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	72	72	—
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	109	72	37
* 78300100	PAVEMENT MARKING REMOVAL	SQ FT	382	382	—

\* - SPECIALTY ITEM  
 Δ - SPECIAL PROVISION

DRAWN BY: NV	REVISIONS			
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 02/12				


**CHAMBLIN & ASSOCIATES**  
 PERU MORRIS  
 ILLINOIS

FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

SUMMARY OF QUANTITIES

**CONSTRUCTION  
 PLANS**

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 7
FILE NO.: 66022.01 Y-	OF 96

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ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	PARTICIPATING	NON-PARTICIPATING
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	38	23	15
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	1629	1629	—
* 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	3426	3426	—
* 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	3426	3426	—
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	8	8	—
* 84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	8	8	—
* 84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1	1	—
Δ Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.8	0.2
Δ Z0032900	LAND SECTION MARKERS	EACH	4	4	—
Δ Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	289	18	271
Δ Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	4	4	—
Δ Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	485	485	—
Δ Z0056620	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	FOOT	52	52	—
Δ Z0076600	TRAINEES	HOURL	1000	1000	—
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	300	100	200
Δ X5010520	REMOVE CONCRETE BOX CULVERT END SECTION	EACH	2	2	—
Δ * X8360110	LIGHT POLE FOUNDATION, SPECIAL	FOOT	55	55	—
Δ * X8950077	REMOVE AND RELOCATE EXISTING LIGHTING CONTROLLER	EACH	1	1	—
Δ * XX007393	DECORATIVE LIGHT TYPE A	EACH	3	3	—

\* - SPECIALTY ITEM  
 Δ - SPECIAL PROVISION  
 Δ - 0042

DRAWN BY: NV	REVISIONS		
CHECKED BY: JKC	LEVEL	BY	DATE
DATE: 02/12			



FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

SUMMARY OF QUANTITIES

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	SHEET 8
	SCALE: AS NOTED	FILE NO.: 66022.01 Y- OF 96

TREE REMOVAL SCHEDULE		
LOCATION	TREE REMOVAL (6 TO 15 UNITS DIAMETER) UNIT	TREE REMOVAL (OVER 15 UNITS DIAMETER) UNIT
MAINLINE		
STA. 158+50.4, 35.2' LT		20
STA. 158+50.4, 35.2' LT		20
STA. 159+30.6, 71.6' LT	12	
STA. 159+51.9, 35.7' LT		24
STA. 159+64.3, 55.0' LT		24
STA. 159+66.5, 37.1' LT		24
WILL ROAD - NORTH		
STA. 200+89.7, 44.9' RT	6	
STA. 200+82.9, 35.6' LT		28
STA. 200+82.9, 26.1' RT	8	
STA. 201+15.1, 44.3' RT (5 @ 6")	30	
STA. 201+26.5, 23.8' RT	8	
201+34.6, 43.2' RT	6	
201+40.8, 43.3' RT	6	
201+68.7, 22.4' RT (2 @ 6")	12	
STA. 202+40.7, 21.7' RT	6	
STA. 203+06.1, 69.0' RT	6	
STA. 203+56.6, 21.7' RT	6	
STA. 204+28.0, 34.8' RT (2 @ 6")	12	
WILL ROAD - SOUTH		
TOTAL	118	140

EARTHWORK SCHEDULE				
LOCATION	EARTH EXCAVATION CU. YD.	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE CU. YD.	EMBANKMENT CU. YD.	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU. YD.
MAINLINE				
STA. 154+50 TO STA. 166+84	1062.0	796.5	2800.0	-2003.5
STA. 166+84 TO STA. 175+25	494.0	370.5	1983.0	-1612.5
SIDERoads				
WILL ROAD - NORTH	1856.0	1392.0	1038.0	354.0
WILL ROAD - SOUTH	1787.0	1340.3	534.0	806.3
TOTAL	5199	3899	6355	-2456
				FURNISHED EXCAVATION

SIDEWALK AND BIKE PATH SCHEDULE						
LOCATION	SIDEWALK REMOVAL SQ FT	PORTLAND CEMENT CONCRETE SIDEWALK, 4-INCH SQ FT	DETECTABLE WARNINGS SQ FT	AGGREGATE BASE COURSE, TYPE A TON	BITUMINOUS MATERIALS (PRIME COAT) GALLON	INCIDENTAL HOT-MIX ASPHALT SURFACING TON
MAINLINE						
STA. 154+50 TO STA. 160+34	1703	846	84	103.9	114.1	34.1
STA. 160+34 TO STA. 167+50	---	1260	164	212.9	233.6	69.8
STA. 167+50 TO STA. 175+25	---	513	82	144.2	158.3	47.3
TOTAL	1703	2719	330	461	506	151

SEEDING SCHEDULE										
LOCATION	NITROGEN FERTILIZER NUTRIENT POUND	PHOSPHORUS FERTILIZER NUTRIENT POUND	POTASSIUM FERTILIZER NUTRIENT POUND	SEEDING, CLASS 2A ACRE	SEEDING, CLASS 4 ACRE	SODDING, SALT TOLERANT SQ YD	SUPPLEMENTAL WATERING UNIT	MULCH, METHOD 2 ACRE	EROSION CONTROL BLANKET SQ YD	TEMPORARY EROSION CONTROL SEEDING POUND
MAINLINE										
STA. 154+50 TO STA. 160+34	30	30	30	0.31	---	230.0	13.8	0.31	---	70.7
STA. 160+34 TO STA. 167+50	62	62	62	0.69	---	---	0.0	0.69	19.6	138.1
STA. 167+50 TO STA. 175+25	58	58	58	0.65	---	---	0.0	0.65	43.1	129.3
SIDE STREETS										
WILL ROAD - SOUTH	41	41	41	0.05	0.41	---	0.0	0.05	1972.8	90.8
WILL ROAD - NORTH	43	43	43	0.07	0.41	---	0.0	0.07	1990.7	95.7
TOTAL	235	235	235	1.76	0.82	230	14	1.76	4026	525

CONCRETE MEDIAN SCHEDULE	
LOCATION	CONCRETE MEDIAN SURFACE, 4 INCH SQ FT
STA. 163+07.55, RT	422
STA. 163+61.39, LT	208
TOTAL	630

TEMPORARY EROSION CONTROL					
LOCATION	TEMPORARY DITCH CHECKS FOOT	PERIMETER EROSION BARRIER FOOT	STONE RIPRAP, CLASS A4 SQ YD	FILTER FABRIC SQ YD	INLET AND PIPE PROTECTION EACH
STA. 156+49.36, 28.06' RT					1
STA. 157+85.00, 44.00' LT					1
STA. 159+55.08, 37.84' RT					1
STA. 160+34.00 TO STA. 167+50.00, RT		623			
STA. 161+58.84, 39.00' RT					1
STA. 164+30.00, 40.00' RT					1
STA. 165+50.00, 40.00' RT					1
STA. 167+50.00 TO STA. 170+00.00, RT		204			
STA. 174+26, 38' LT					1
STA. 175+25.00, LT & RT	24				
WILL ROAD - SOUTH		400			
STA. 96+00.00, 28.00' LT					1
STA. 97+78.00, 28.00' LT					1
STA. 99+16.40, 48.07' LT					1
WILL ROAD - NORTH		395	70	70	
STA. 200+79.81, 40.79' LT					1
TOTAL	24	1622	70	70	11

CONCRETE CURB AND GUTTER SCHEDULE							
LOCATION	COMBINATION CURB AND GUTTER REMOVAL FOOT	CONCRETE CURB, TYPE B FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24 FOOT	CLASS SI CONCRETE (OUTLET) CU YD
MAINLINE							
STA. 154+50 TO STA. 160+34	1188					1188	
STA. 160+34 TO STA. 167+50	118	53	85			1429	84
STA. 167+50 TO STA. 175+25						882	3.4
SIDE STREETS							
WILL ROAD - SOUTH				496			
WILL ROAD - NORTH				344			
TOTAL	1306	53	85	840	3499	84	3.4

SHOULDER SCHEDULE			
LOCATION	SUBBASE GRANULAR MATERIAL, TYPE C TON	AGGREGATE SHOULDERS, TYPE B TON	HOT-MIX ASPHALT SHOULDERS, 8" SQ YD
MAINLINE			
LT & RT STA. 172+51.64 TO STA. 175+25	24	41	411
SIDE STREETS			
RT STA. 95+64.21 TO STA. 97+44.89	---	44	---
LT STA. 202+35 TO STA. 203+48.63	---	21	---
RT STA. 202+94.80 TO STA. 204+58.98	---	20	---
TOTAL	24	126	411

RESURFACING SCHEDULE										
LOCATION	BITUMINOUS MATERIALS (PRIME COAT) GALLON	AGGREGATE (PRIME COAT) TON	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS TON	LEVELING BINDER (HAND METHOD), N70 TON	LEVELING BINDER (MACHINE METHOD), N50 TON	LEVELING BINDER (MACHINE METHOD), N70 TON	HMA BINDER COURSE, IL-19.0, N50 TON	HMA SURFACE COURSE, MIX "C", N50 TON	HMA SURFACE COURSE, MIX "D", N70 TON	INCIDENTAL HMA SURFACING TON
MAINLINE										
STA. 154+50 TO STA. 167+50	717	28.7	1	2	---	1170	---	---	445	---
STA. 167+50 TO STA. 175+25	447	17.9	1	1	---	1095	---	---	282	---
SIDE STREETS										
STA. 95+64.21 TO STA. 99+50	327	2.1	---	---	255	---	---	---	---	---
STA. 95+64.21 TO STA. 99+81	109	2.1	---	---	---	---	---	183	---	---
STA. 200+19 TO STA. 204+58.98	114	---	---	---	---	---	---	191	---	---
STA. 200+50 TO STA. 204+58.98	688	---	---	---	---	---	334	---	---	---
CURTIS STREET (LT STA. 156+40)	17	---	---	---	---	---	---	---	---	30
TOTAL	2419	51	2	3	255	2265	334	374	727	30

SEE SIDEWALK AND BIKE PATH SCHEDULE FOR ADDITIONAL INCIDENTAL HMA SURFACING AND AGGREGATE BASE COURSE, TYPE A

TEMPORARY RAMP	
LOCATION	TEMPORARY RAMP SQ. YD.
MAINLINE	
STA. 154+50	14.4
STA. 175+25	14.4
SIDE STREETS	
WILL ROAD - NORTH	0.0
WILL ROAD - SOUTH	11.1
TOTAL	40

STRIP REFLECTIVE CRACK CONTROL SCHEDULE	
LOCATION	STRIP REFLECTIVE CRACK CONTROL FOOT
MAINLINE	
STA. 154+50 TO STA. 167+50	2600
STA. 167+50 TO STA. 175+25	1550
TOTAL	4150

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DRAWN BY: NV	REVISIONS			
	LEVEL	BY	DATE	DESCRIPTION
CHECKED BY: JKC				
DATE: 02/12				



PERU MORRIS  
ILLINOIS

FAS 301 / FAU 383  
SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

SCHEDULE OF QUANTITIES

CONSTRUCTION PLANS

CONTRACT NO. 87520

CURRENT AS OF: 02/12

SCALE: AS NOTED SHEET 9

FILE NO.: 66022.01 Y- OF 96

PAVEMENT WIDENING SCHEDULE					
LOCATION	PAVED SHOULDER REMOVAL SQ. YD.	PAVEMENT REMOVAL SQ. YD.	SUB-BASE GRAN. MATL. TYPE A 12" SQ. YD.	AGREGATE BASE COURSE, TYPE A TON	HOT-MIX ASPHALT BASE COURSE, 7 3/4" SQ. YD.
<b>MAINLINE</b>					
STA. 154+50 TO STA. 160+34	—	56.1	1511.2	—	1086.1
STA. 160+30 TO STA. 167+50	295.9	—	2354.7	—	1440.2
STA. 167+50 TO STA. 175+25	334.8	—	2013.3	—	1118.6
<b>SIDE STREETS</b>					
WILL ROAD - SOUTH	—	408.3	—	455.0	—
WILL ROAD - NORTH	—	1270.9	—	948.4	—
<b>TOTAL</b>	<b>631</b>	<b>1735</b>	<b>5879</b>	<b>1403</b>	<b>3645</b>

PAVEMENT PATCHING SCHEDULE		
LOCATION	PAVEMENT PATCHING, TYPE II, 8 INCH SQ YD.	PAVEMENT PATCHING, TYPE IV, 8 INCH SQ YD.
<b>MAINLINE</b>		
LT STA. 159+63	10.5	—
RT STA. 159+63	10.5	—
LT STA. 161+56.34	—	92.9
RT STA. 161+56.34	—	126.7
<b>TOTAL</b>	<b>21</b>	<b>220</b>

HMA SURFACE REMOVAL		
LOCATION	HMA SURFACE REMOVAL - BUTT JOINT SQ. YD.	HMA SURFACE REMOVAL - 1/2" 1 SQ. YD.
<b>MAINLINE</b>		
STA. 154+50 TO STA. 156+00	—	431.6
STA. 174+85 TO STA. 175+25	194.3	—
<b>SIDE STREETS</b>		
CURTIS STREET (LT STA. 156+40)	178.6	—
WILL ROAD - NORTH	—	—
WILL ROAD - SOUTH	—	447.9
<b>TOTAL</b>	<b>373</b>	<b>879</b>

DRIVEWAY SCHEDULE						
LOCATION	NEW DRIVEWAY WIDTH FOOT	DRIVEWAY PAVEMENT REMOVAL SQ YD.	PCC DRIVEWAY PAVEMENT 6" SQ YD.	PCC DRIVEWAY PAVEMENT 8" SQ YD.	AGGREGATE FOR TEMPORARY ACCESS TON	AGGREGATE SURFACE COURSE, TYPE B TON
<b>MAINLINE</b>						
STA. 155+73.74, RT	36	51.2	—	33.2	11.4	—
STA. 156+80.42, RT	26	74.3	—	51.6	17.6	—
STA. 158+03.88, LT	12	35.7	74.4	—	25.4	—
STA. 163+19.55, RT	14	—	—	100.3	34.3	31.8
STA. 163+61.39, LT	14	—	—	102.8	35.1	53.0
STA. 174+52.85, LT	26	114.9	—	90.8	31.0	—
<b>SIDE STREETS</b>						
STA. 96+40.30, LT	30	—	—	48.2	16.5	—
STA. 96+95.33, LT	35	71.7	—	55.4	18.9	—
STA. 97+62.97, LT	26	—	—	42.6	14.5	—
STA. 98+05.62, LT	17	—	—	28.6	9.8	—
STA. 202+03.45, LT	12	—	28.7	—	9.8	—
<b>TOTAL</b>	<b>INFO ONLY</b>	<b>348</b>	<b>103</b>	<b>553</b>	<b>224</b>	<b>85</b>

STORM SEWER STRUCTURE SCHEDULE																							
STRUCTURE NUMBER	STATION	OFFSET	RIM ELEV.	FLOW LINE ELEVATION				PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 12" EACH	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 24" EACH	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 30" EACH	MANHOLES, TYPE A, 4" DIAMETER, TYPE 1 FRAME, CLOSED LID EACH	MANHOLES, TYPE A, 4" DIAMETER, TYPE 3 FRAME AND GRATE EACH	MANHOLES, TYPE A, 4" DIAMETER, TYPE 8 GRATE EACH	MANHOLES, TYPE A, 5" DIAMETER, TYPE 1 FRAME, OPEN LID EACH	MANHOLES, TYPE A, 5" DIAMETER, TYPE 1 FRAME, CLOSED LID EACH	MANHOLES, TYPE A, 5" DIAMETER, TYPE 3 FRAME AND GRATE EACH	INLETS, TYPE A, TYPE 3 FRAME AND GRATE EACH	INLETS, TYPE A, TYPE 8 GRATE EACH	INLETS, TYPE B, TYPE 3 FRAME AND GRATE EACH	INLETS, TYPE B, TYPE 8 GRATE EACH	CONCRETE COLLAR CU YD.	REMARKS	
				NORTH	SOUTH	EAST	WEST																
1	201+32.55	53.63' RT	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	
2	201+32.55	29.59' RT	556.00	—	—	550.12	550.12	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	
3	201+32.55	13' LT	556.33	—	550.57	550.57	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	
4	200+79.81	40.79' LT	554.50	551.16	551.16	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	
5	159+63.50	30.93' LT	557.40	551.70	551.70	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	
6	159+63.10	24.50' LT	557.68	551.78	552.40	—	552.28	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	
7	159+63.84	23.46' RT	557.55	553.40	553.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8	159+55.08	37.84' RT	555.55	553.55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
9	99+06.00	38.40' RT	—	—	—	—	551.74	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
10	99+16.40	18.6' RT	556.33	—	—	552.61	552.61	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
11	99+16.40	29.01' LT	556.12	—	—	553.12	553.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12	99+16.40	48.07' LT	555.80	—	—	553.80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
13	97+78.00	39.58' RT	—	—	—	—	551.89	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
14	97+78.00	28.00' LT	556.80	—	—	553.80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
15	96+00.00	42.40' RT	—	—	—	—	552.09	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	
16	96+00.00	28.00' LT	557.50	—	—	554.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
17	157+82.30	26.00' LT	557.78	555.27	553.28	553.28	553.28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	EXISTING MANHOLE - 557.88 RIM
18	157+85.00	44.00' LT	557.45	—	555.45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	157+82.30	19.00' LT	558.36	553.74	553.74	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<b>SUBTOTAL</b>								<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>2</b>	<b>0.00</b>		

STORM SEWER REMOVAL & ADJUSTMENT SCHEDULE								
LOCATION	STORM SEWER REMOVAL 12" FOOT	STORM SEWER REMOVAL 18" FOOT	STORM SEWER REMOVAL 24" FOOT	STORM SEWER REMOVAL 30" FOOT	MANHOLES TO BE ADJUSTED EACH	INLETS TO BE ADJUSTED EACH	REMOVING MANHOLES EACH	REMOVING INLETS EACH
<b>MAINLINE</b>								
RT STA. 155+97 TO STA. 156+51	53	—	—	—	—	—	—	—
LT STA. 156+07	—	—	—	—	—	1	—	—
RT STA. 156+51	10	—	—	—	—	—	—	2
LT STA. 156+65	—	—	—	—	—	1	—	—
RT STA. 157+80	—	—	—	—	—	—	—	2
LT STA. 157+82	10	—	—	—	—	1	—	1
LT STA. 159+67 TO STA. 159+90	—	—	22	—	—	—	1	—
LT STA. 159+90 TO STA. 160+03	—	14	—	—	—	—	—	1
RT STA. 160+02	—	9	—	—	—	—	—	1
LT STA. 159+60 TO STA. 160+72	—	—	83	—	—	—	—	—
RT STA. 160+02	—	—	—	—	1	—	—	—
LT STA. 160+71	—	5	—	—	—	—	—	—
<b>SIDE STREETS</b>								
STA. 95+83	—	—	40	—	—	—	—	1
<b>TOTAL</b>	<b>73</b>	<b>28</b>	<b>62</b>	<b>83</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>8</b>

PIPE CULVERT REMOVAL SCHEDULE	
LOCATION	PIPE CULVERT REMOVAL FOOT
RT STA. 161+08	86
RT STA. 203+84	50
LT STA. 174+50 (NON-PARTICIPATING)	46
<b>TOTAL</b>	<b>182</b>

PIPE UNDERDRAIN SCHEDULE	
LOCATION	PIPE UNDERDRAINS 4" FOOT
<b>SIDE STREET</b>	
STA. 99+16	48
STA. 201+33	42
<b>TOTAL</b>	<b>90</b>

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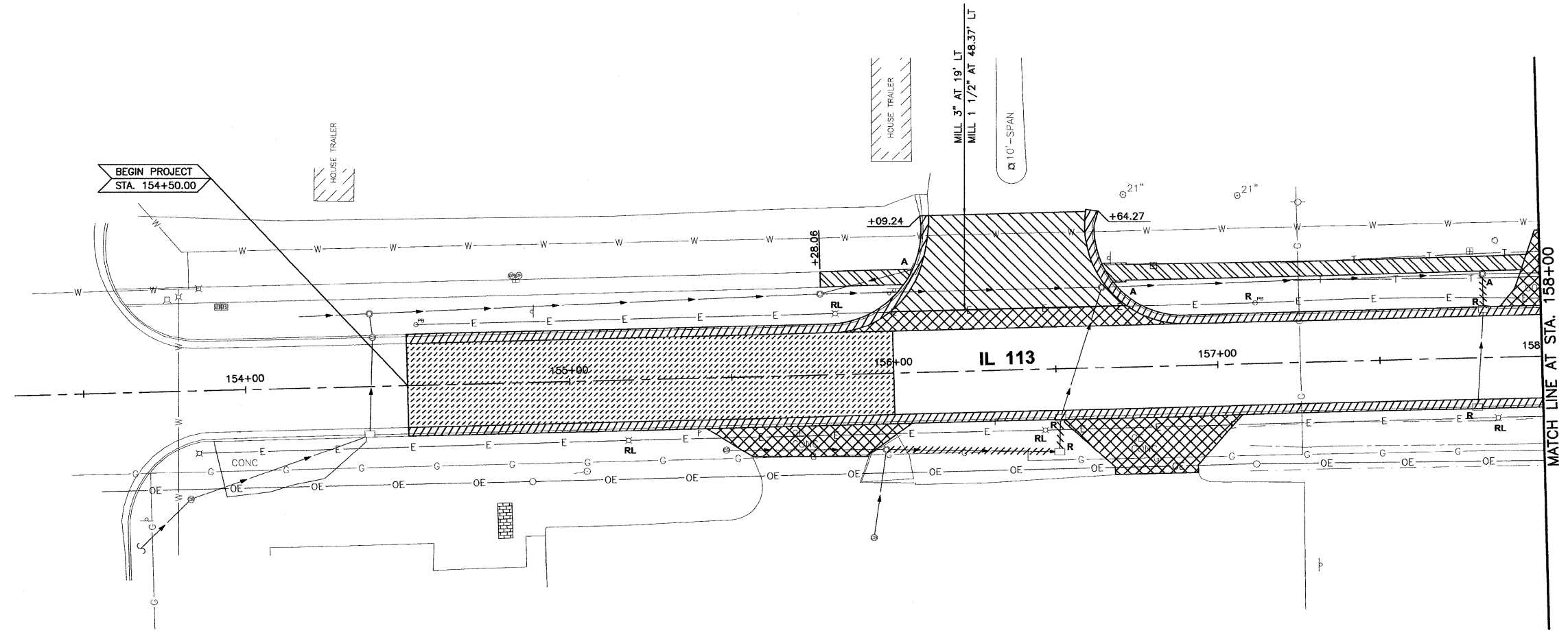
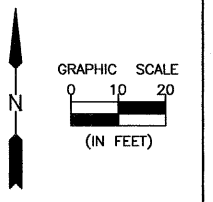
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SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

SCHEDULE OF QUANTITIES

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	
	SCALE: AS NOTED	SHEET 10
		FILE NO.: 66022.01 Y- OF 96







- |  |   |  |  |
|--|---|--|--|
|  | HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT |  | SIDEWALK REMOVAL                             |
|  | HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"     |  | PAVEMENT REMOVAL & DRIVEWAY PAVEMENT REMOVAL |
|  | SHOULDER REMOVAL                            |  | COMBINATION CONCRETE CURB & GUTTER REMOVAL   |

- A - MANHOLE OR INLET TO BE ADJUSTED
- R - MANHOLE, INLET OR LIGHT POLE BASE TO BE REMOVED
- RL - LIGHT POLE, LIGHTING CONTROLLER, FIRE HYDRANT, AND WATER VALVE TO BE RELOCATED (SEE LIGHTING AND WATER MAIN PLANS)
- STORM SEWER TO BE REMOVED
- X - TREE REMOVAL

NOTE: IN ADDITION TO THE ITEMS SHOWN TO BE REMOVED, RELOCATED OR ADJUSTED HERE, UTILITIES OWNED BY OTHERS MUST ALSO BE REMOVED, RELOCATED OR ADJUSTED. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THOSE UTILITIES.

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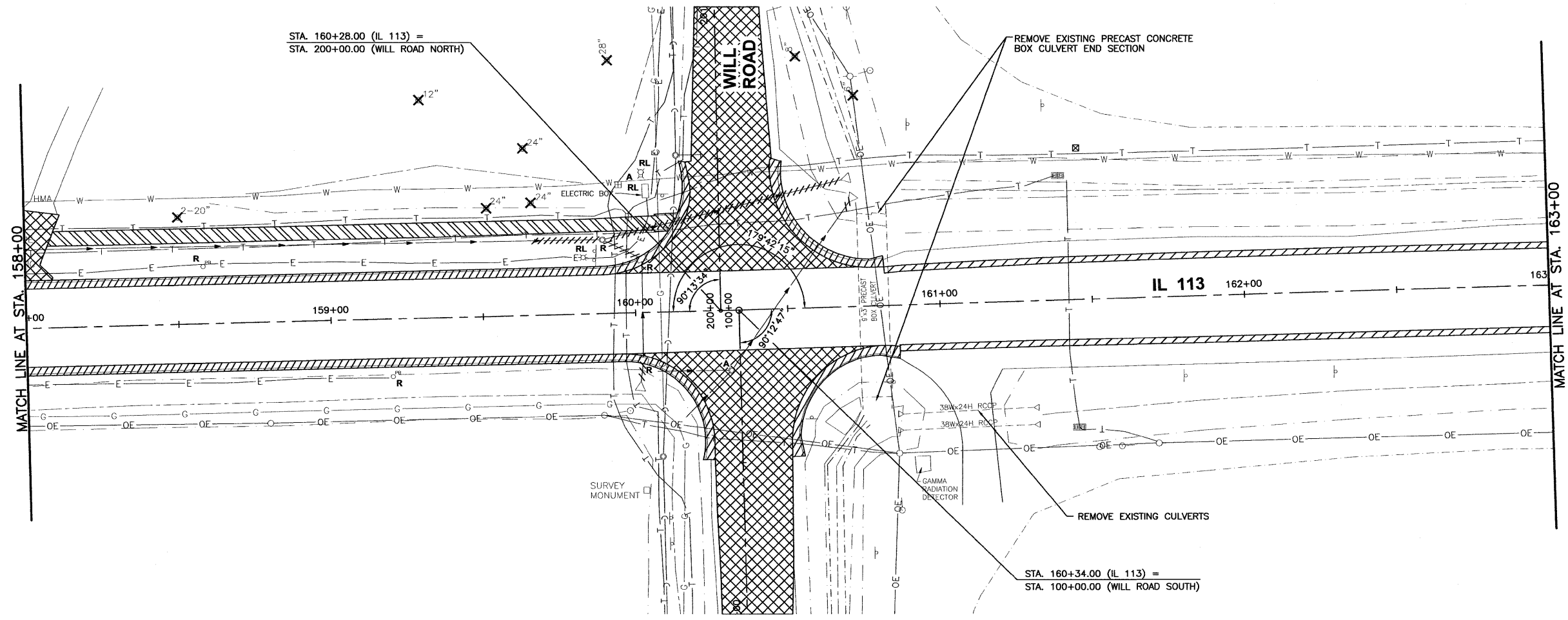
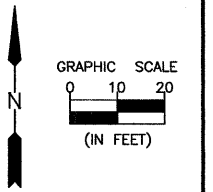
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 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

REMOVAL PLAN - IL 113  
 STA. 154+00 TO STA. 158+00

**CONSTRUCTION PLANS**

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 12
FILE NO.: 66022.01 Y-	OF 96





- |  |   |  |  |
|--|---|--|--|
|  | HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT |  | PAVEMENT REMOVAL & DRIVEWAY PAVEMENT REMOVAL |
|  | HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"     |  | COMBINATION CONCRETE CURB & GUTTER REMOVAL   |
|  | SHOULDER REMOVAL                            |  |  |
|  | SIDWALK REMOVAL                             |  |  |

- A - MANHOLE OR INLET TO BE ADJUSTED
- R - MANHOLE, INLET OR LIGHT POLE BASE TO BE REMOVED
- RL - LIGHT POLE, LIGHTING CONTROLLER, FIRE HYDRANT, AND WATER VALVE TO BE RELOCATED (SEE LIGHTING AND WATER MAIN PLANS)
- ////// - STORM SEWER TO BE REMOVED
- X - TREE REMOVAL

NOTE: IN ADDITION TO THE ITEMS SHOWN TO BE REMOVED, RELOCATED OR ADJUSTED HERE, UTILITIES OWNED BY OTHERS MUST ALSO BE REMOVED, RELOCATED OR ADJUSTED. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THOSE UTILITIES.

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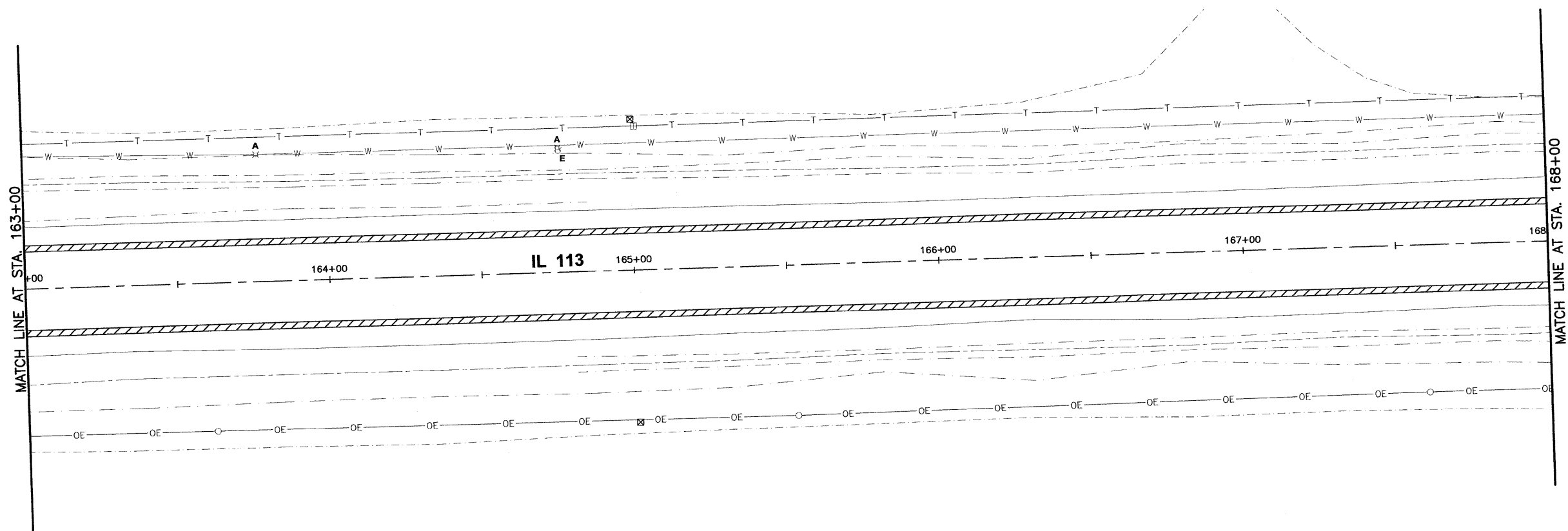
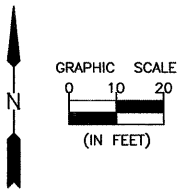
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PERU MORRIS ILLINOIS

FAS 301 / FAU 383  
SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

REMOVAL PLAN - IL 113  
STA. 158+00 TO STA. 163+00

**CONSTRUCTION PLANS**

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 13
FILE NO.: 66022.01 Y-	OF 96



- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT
- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- SHOULDER REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL & DRIVEWAY PAVEMENT REMOVAL
- COMBINATION CONCRETE CURB & GUTTER REMOVAL

- E - FIRE HYDRANT EXTENSION
- A - MANHOLE OR INLET TO BE ADJUSTED
- R - MANHOLE, INLET OR LIGHT POLE BASE TO BE REMOVED
- RL - LIGHT POLE, LIGHTING CONTROLLER, FIRE HYDRANT, AND WATER VALVE TO BE RELOCATED (SEE LIGHTING AND WATER MAIN PLANS)
- STORM SEWER TO BE REMOVED
- X - TREE REMOVAL

NOTE: IN ADDITION TO THE ITEMS SHOWN TO BE REMOVED, RELOCATED OR ADJUSTED HERE, UTILITIES OWNED BY OTHERS MUST ALSO BE REMOVED, RELOCATED OR ADJUSTED. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THOSE UTILITIES.

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DATE: 02/12				

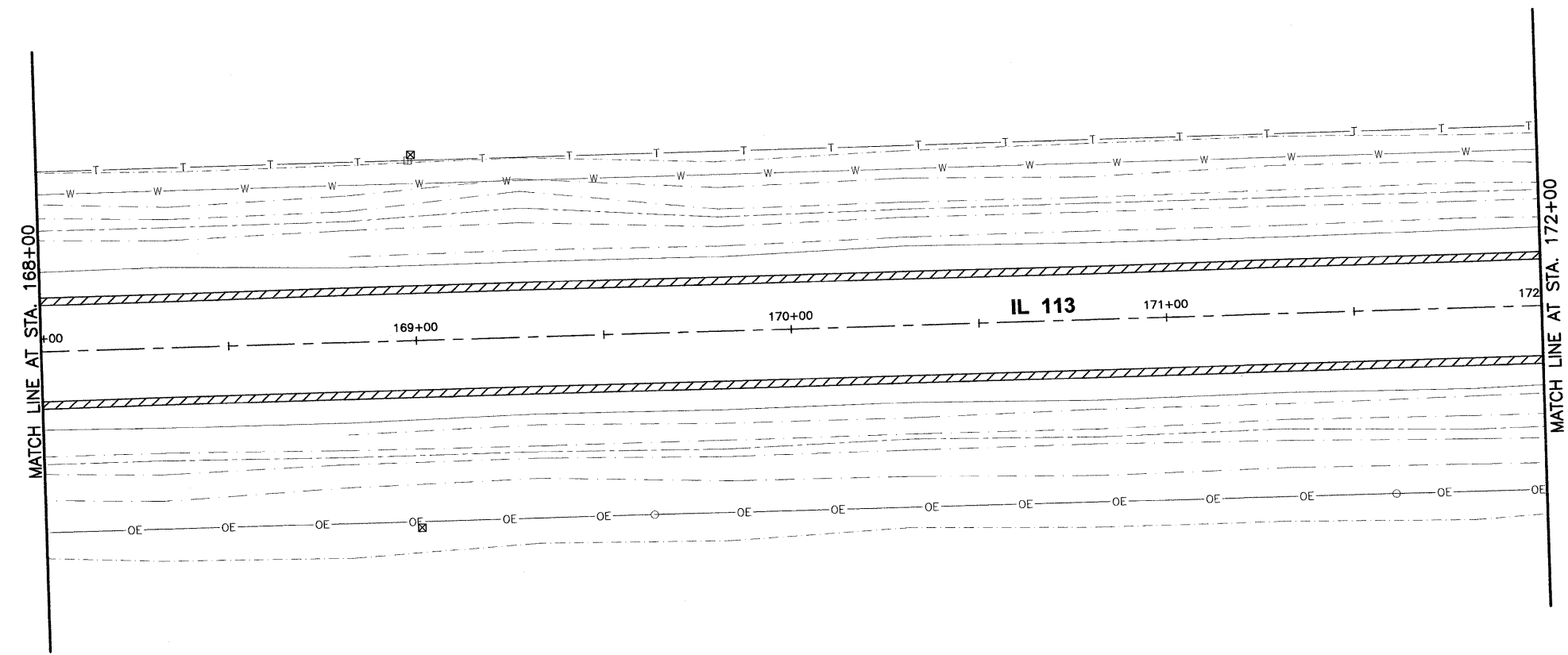
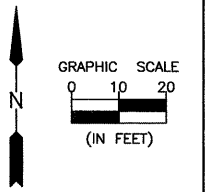
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SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

REMOVAL PLAN - IL 113  
STA. 163+00 TO STA. 168+00

<b>CONSTRUCTION PLANS</b>	CURRENT AS OF: 02/12				
	SCALE: AS NOTED	SHEET 14			
	FILE NO.: 66022.01 Y-	OF 96			

CONTRACT NO. 87520



- |  |   |  |  |
|--|---|--|--|
|  | HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT |  | SIDEWALK REMOVAL                             |
|  | HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"     |  | PAVEMENT REMOVAL & DRIVEWAY PAVEMENT REMOVAL |
|  | SHOULDER REMOVAL                            |  | COMBINATION CONCRETE CURB & GUTTER REMOVAL   |

- E - FIRE HYDRANT EXTENSION
- A - MANHOLE OR INLET TO BE ADJUSTED
- R - MANHOLE, INLET OR LIGHT POLE BASE TO BE REMOVED
- RL - LIGHT POLE, LIGHTING CONTROLLER, FIRE HYDRANT, AND WATER VALVE TO BE RELOCATED (SEE LIGHTING AND WATER MAIN PLANS)
- (dashed line with diagonal hatching) - STORM SEWER TO BE REMOVED
- X - TREE REMOVAL

NOTE: IN ADDITION TO THE ITEMS SHOWN TO BE REMOVED, RELOCATED OR ADJUSTED HERE, UTILITIES OWNED BY OTHERS MUST ALSO BE REMOVED, RELOCATED OR ADJUSTED. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THOSE UTILITIES.

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DATE: 02/12				

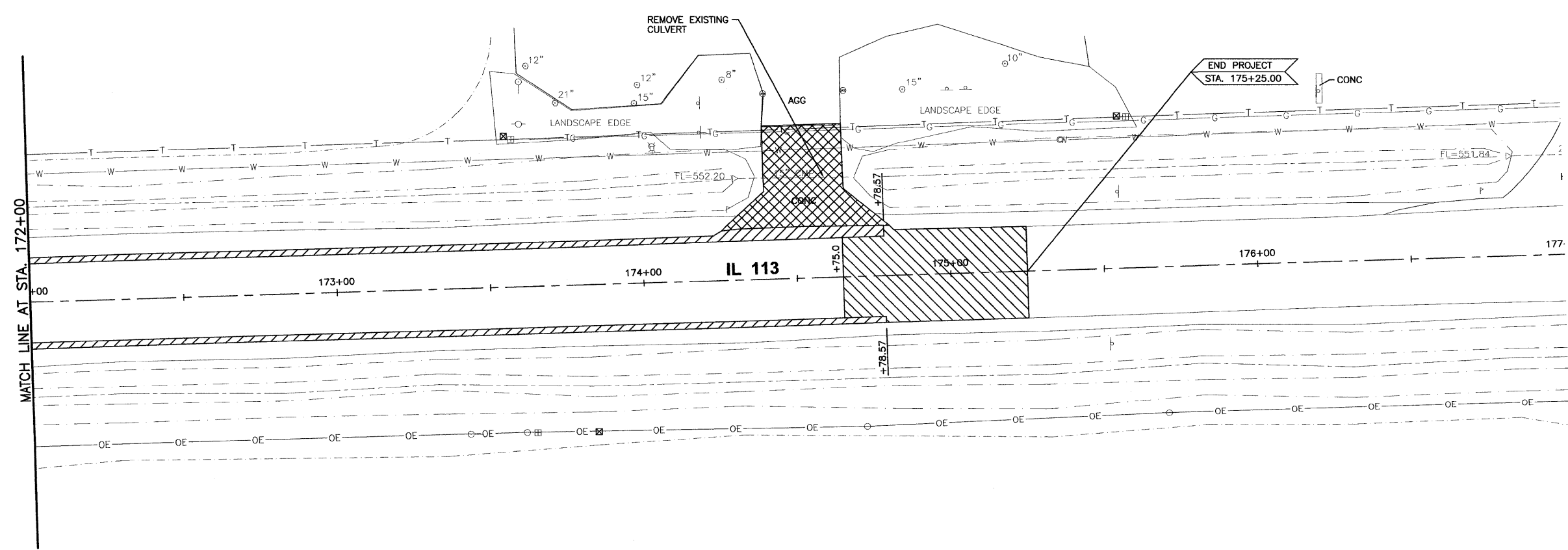
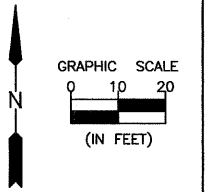
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PERU MORRIS ILLINOIS

FAS 301 / FAU 383  
SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

REMOVAL PLAN - IL 113  
STA. 168+00 TO STA. 172+00

**CONSTRUCTION PLANS**

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 15
FILE NO.: 66022.01 Y-	OF 96



- |  |   |  |  |
|--|---|--|--|
|  | HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT |  | SIDEWALK REMOVAL                             |
|  | HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"     |  | PAVEMENT REMOVAL & DRIVEWAY PAVEMENT REMOVAL |
|  | SHOULDER REMOVAL                            |  | COMBINATION CONCRETE CURB & GUTTER REMOVAL   |

- E - FIRE HYDRANT EXTENSION
- A - MANHOLE OR INLET TO BE ADJUSTED
- R - MANHOLE, INLET OR LIGHT POLE BASE TO BE REMOVED
- RL - LIGHT POLE, LIGHTING CONTROLLER, FIRE HYDRANT, AND WATER VALVE TO BE RELOCATED (SEE LIGHTING AND WATER MAIN PLANS)
- //// - STORM SEWER TO BE REMOVED
- X - TREE REMOVAL

NOTE: IN ADDITION TO THE ITEMS SHOWN TO BE REMOVED, RELOCATED OR ADJUSTED HERE, UTILITIES OWNED BY OTHERS MUST ALSO BE REMOVED, RELOCATED OR ADJUSTED. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THOSE UTILITIES.

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 Drawn: Nancy G. Waters, V.P. 02/12-01 - Diamond - Will - Counties  
 Checked: JKC  
 Date: 02/12  
 Project: 113-00007-00-WR - Village of Diamond - Will - Counties  
 File: 113-00007-00-WR-172-177.dwg  
 Plot: 02/12/12 1:41 pm by nancyg

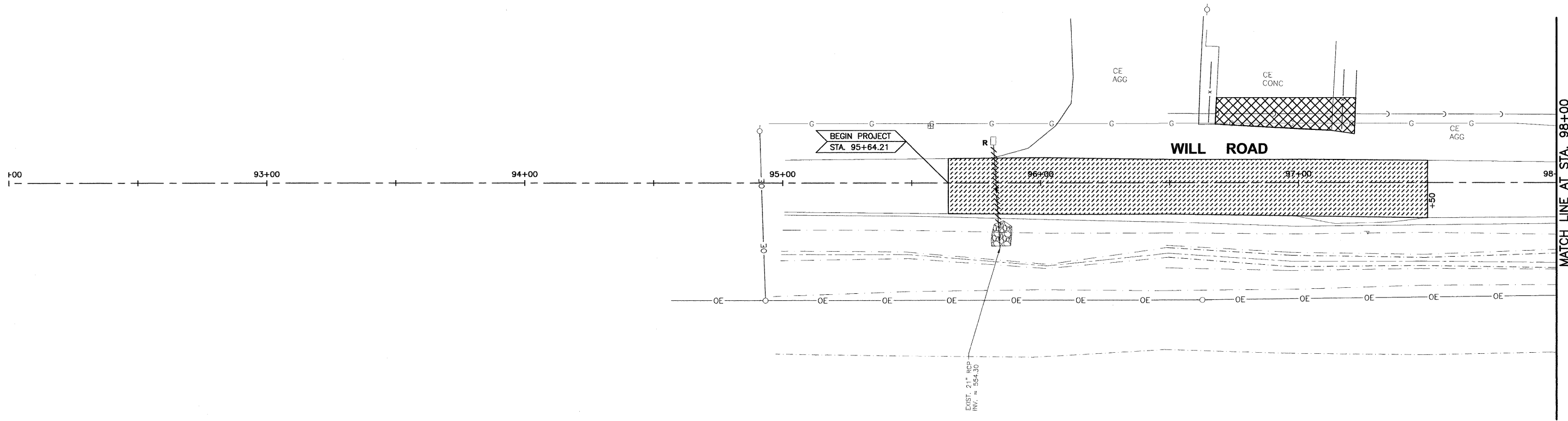
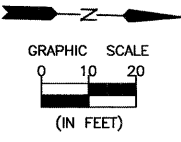
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	LEVEL	BY	DATE	DESCRIPTION
CHECKED BY: JKC				
DATE: 02/12				

**CHAMBLIN & ASSOCIATES**  
 PERU MORRIS  
 ILLINOIS

FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

**REMOVAL PLAN - IL 113**  
 STA. 172+00 TO STA. 177+00

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	
	SCALE: AS NOTED	SHEET 16
	FILE NO.: 66022.01 Y-	OF 96



- |  |   |  |  |
|--|---|--|--|
|  | HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT |  | SHOULDER REMOVAL                             |
|  | HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"     |  | COMBINATION CONCRETE CURB & GUTTER REMOVAL   |
|  | SIDWALK REMOVAL                             |  | PAVEMENT REMOVAL & DRIVEWAY PAVEMENT REMOVAL |

- A - MANHOLE OR INLET TO BE ADJUSTED
- R - MANHOLE, INLET OR LIGHT POLE BASE TO BE REMOVED
- RL - LIGHT POLE, LIGHTING CONTROLLER, FIRE HYDRANT, AND WATER VALVE TO BE RELOCATED (SEE LIGHTING AND WATER MAIN PLANS)
- ///// - STORM SEWER TO BE REMOVED
- X - TREE REMOVAL

NOTE: IN ADDITION TO THE ITEMS SHOWN TO BE REMOVED, RELOCATED OR ADJUSTED HERE, UTILITIES OWNED BY OTHERS MUST ALSO BE REMOVED, RELOCATED OR ADJUSTED. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THOSE UTILITIES.

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Drawing Name: C:\Users\NVC\Documents\11-00007-00-Will-Diamond-Will-Removal-Plans-Extended\017-REM-92-98.dwg Last Modified: Feb 16, 2012 - 8:28am Plotted on: Mar 27, 2012 - 1:42pm by rancig

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CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 02/12				

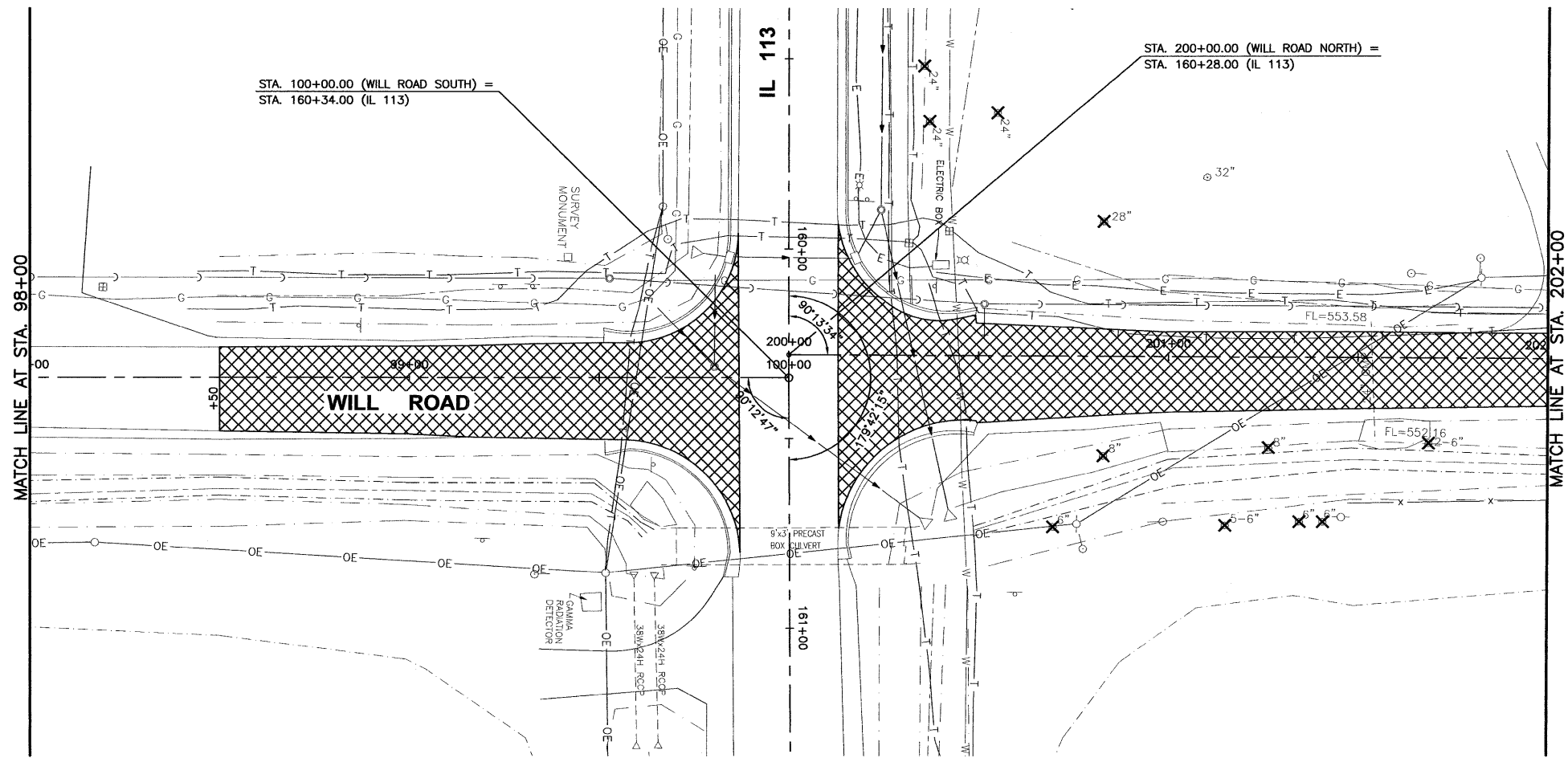
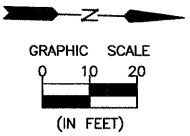
**CHAMLIN & ASSOCIATES**  
PERU MORRIS ILLINOIS

FAS 301 / FAU 383  
SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

REMOVAL PLAN - WILL ROAD  
STA. 92+00 TO STA. 98+00

**CONSTRUCTION PLANS**

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 17
FILE NO.: 66022.01 Y-	OF 96



- |  |   |  |  |
|--|---|--|--|
|  | HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT |  | SIDEWALK REMOVAL                             |
|  | HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"     |  | PAVEMENT REMOVAL & DRIVEWAY PAVEMENT REMOVAL |
|  | SHOULDER REMOVAL                            |  | COMBINATION CONCRETE CURB & GUTTER REMOVAL   |

- A - MANHOLE OR INLET TO BE ADJUSTED
- R - MANHOLE, INLET OR LIGHT POLE BASE TO BE REMOVED
- RL - LIGHT POLE, LIGHTING CONTROLLER, FIRE HYDRANT, AND WATER VALVE TO BE RELOCATED (SEE LIGHTING AND WATER MAIN PLANS)
- ///// - STORM SEWER TO BE REMOVED
- X - TREE REMOVAL

NOTE: IN ADDITION TO THE ITEMS SHOWN TO BE REMOVED, RELOCATED OR ADJUSTED HERE, UTILITIES OWNED BY OTHERS MUST ALSO BE REMOVED, RELOCATED OR ADJUSTED. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THOSE UTILITIES.

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 DRAWING: \\server\cadd\113-Enr-Survey\CAD\CSD\PLANS-EXTENDED\113-REM-98-202.dwg, Last Modified: Feb 16, 2012 - 8:29am, Plotted on: Mar 27, 2012 - 1:43pm by naccio

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DATE: 02/12				

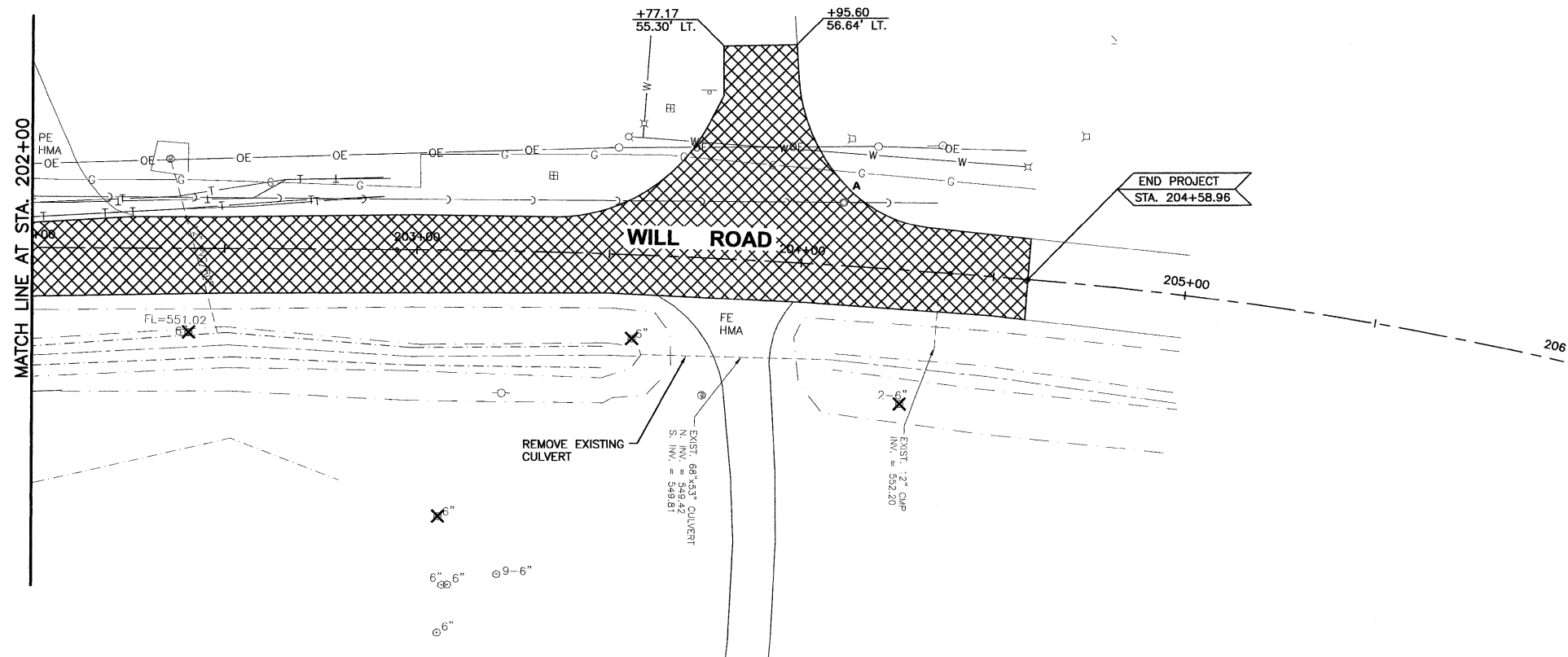
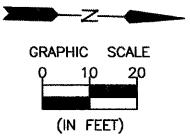
PERU MORRIS  
 ILLINOIS

FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

REMOVAL PLAN - WILL ROAD  
 STA. 98+00 TO STA. 202+00

**CONSTRUCTION PLANS**

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 18
FILE NO.: 66022.01 Y-	OF 96



- |  |   |  |  |
|--|---|--|--|
|  | HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT |  | SIDEWALK REMOVAL                             |
|  | HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"     |  | PAVEMENT REMOVAL & DRIVEWAY PAVEMENT REMOVAL |
|  | SHOULDER REMOVAL                            |  | COMBINATION CONCRETE CURB & GUTTER REMOVAL   |

- A - MANHOLE OR INLET TO BE ADJUSTED
- R - MANHOLE, INLET OR LIGHT POLE BASE TO BE REMOVED
- RL - LIGHT POLE, LIGHTING CONTROLLER, FIRE HYDRANT, AND WATER VALVE TO BE RELOCATED (SEE LIGHTING AND WATER MAIN PLANS)
- STORM SEWER TO BE REMOVED
- X - TREE REMOVAL

NOTE: IN ADDITION TO THE ITEMS SHOWN TO BE REMOVED, RELOCATED OR ADJUSTED HERE, UTILITIES OWNED BY OTHERS MUST ALSO BE REMOVED, RELOCATED OR ADJUSTED. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THOSE UTILITIES.

CHAMBLIN & ASSOCIATES, INC. © 2011  
Drawing Name: C:\Users\jmorris\Documents\Projects\11-00007-00-VR\11-00007-00-VR-01-Removal-Will-Road-6-11-12.dwg  
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Last Modified: Feb 16, 2012 - 8:31 am  
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CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 02/12				

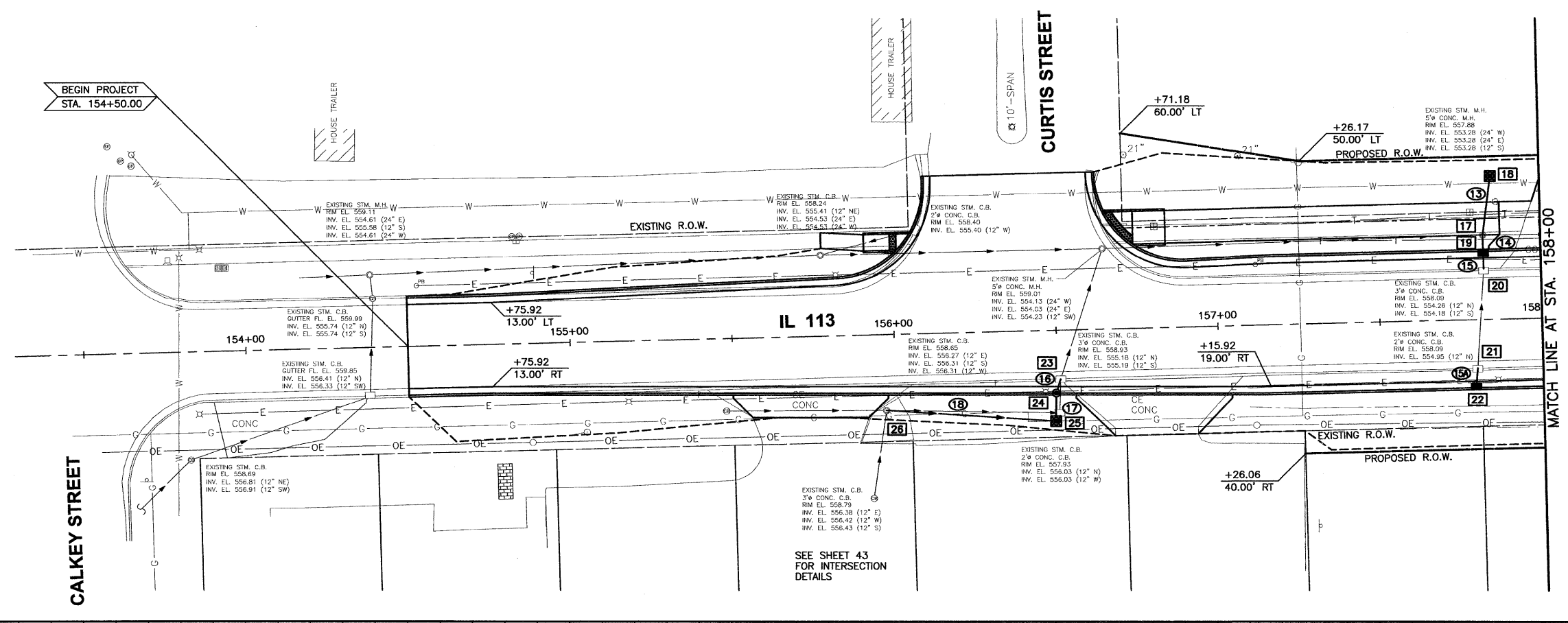
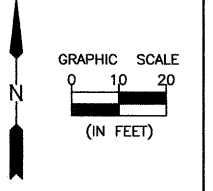
**CHAMBLIN & ASSOCIATES**  
PERU MORRIS ILLINOIS

FAS 301 / FAU 383  
SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

REMOVAL PLAN - WILL ROAD  
STA. 202+00 TO STA. 206+00

**CONSTRUCTION PLANS**

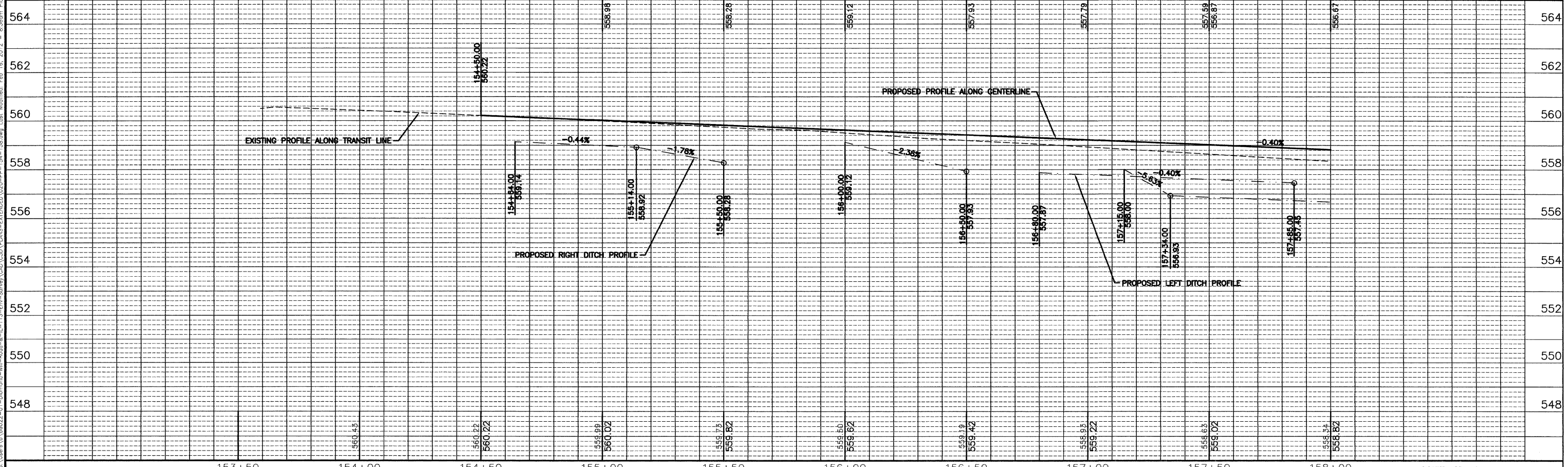
CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 19
FILE NO.: 66022.01 Y-	OF 96



SEE SHEETS 10 & 11  
FOR DRAINAGE  
SCHEDULES

**BENCHMARKS:**  
CHISELED "X" IN LIGHT POLE BASE  
AT NORTHWEST CORNER OF IL 113  
AND CURTIS  
ELEV. = 560.20  
SOUTHWEST BOLT ON FIRE HYDRANT  
250' ± EAST OF WILL ROAD ON NORTH  
SIDE OF IL 113  
ELEV. = 556.76

SEE SHEET 43  
FOR INTERSECTION  
DETAILS



CHAMLIN & ASSOCIATES, INC. © 2011  
Drawing Name: C:\Users\jmorris\OneDrive\Documents\113-Enr-Survey\CAD\PLANS-EXTENDED\20-PP-154-158.dwg Last Modified: Feb 16, 2012 - 8:36am Plotted on: Mar 27, 2012 - 1:15pm by nancie

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CHECKED BY: JKC					
DATE: 02/12					

**CHAMLIN & ASSOCIATES**  
PERU MORRIS  
ILLINOIS

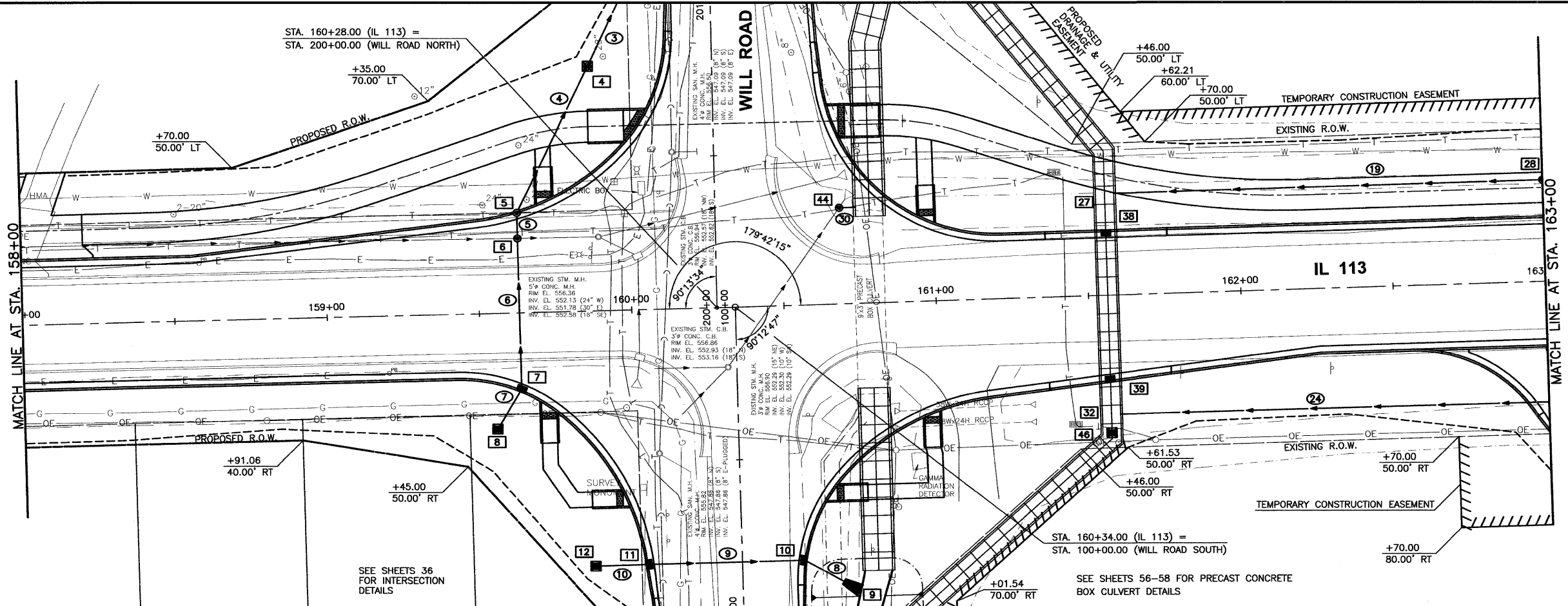
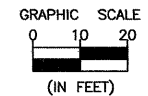
FAS 301 / FAU 383  
SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

PLAN AND PROFILE - IL 113  
STA. 154+00 TO STA. 158+00

**CONSTRUCTION PLANS**  
CURRENT AS OF: 02/12  
SCALE: AS NOTED  
FILE NO.: 66022.01Y-  
SHEET 20  
OF 96

CONTRACT NO. 87520





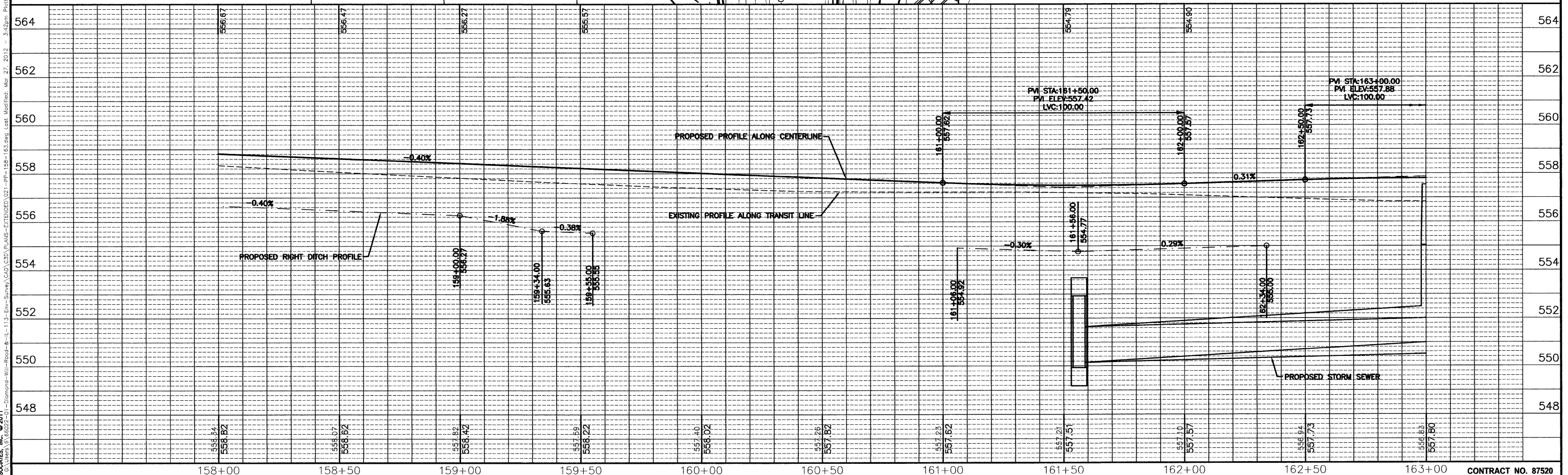
CONSTRUCT DRAIN FOR AGGREGATE BASE AT INLETS LEFT & RIGHT OF STA. 99+16.37 SEE DETAIL ON SHEET 61

SEE SHEETS 10 & 11 FOR DRAINAGE SCHEDULES

**BENCHMARKS:**  
 CHISELED "X" IN LIGHT POLE BASE AT NORTHWEST CORNER OF IL 113 AND CURTIS ELEV. = 560.20  
 SOUTHWEST BOLT ON FIRE HYDRANT 250' ± EAST OF WILL ROAD ON NORTH SIDE OF IL 113 ELEV. = 556.76

SEE SHEETS 36 FOR INTERSECTION DETAILS

SEE SHEETS 56-58 FOR PRECAST CONCRETE BOX CULVERT DETAILS



DRAWN BY: NV	REVISIONS
CHECKED BY: JKC	LEVEL
DATE: 02/12	BY
	DATE
	DESCRIPTION

**CHAMLIN ASSOCIATES**  
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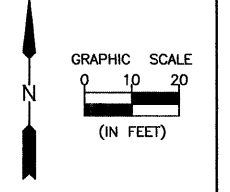
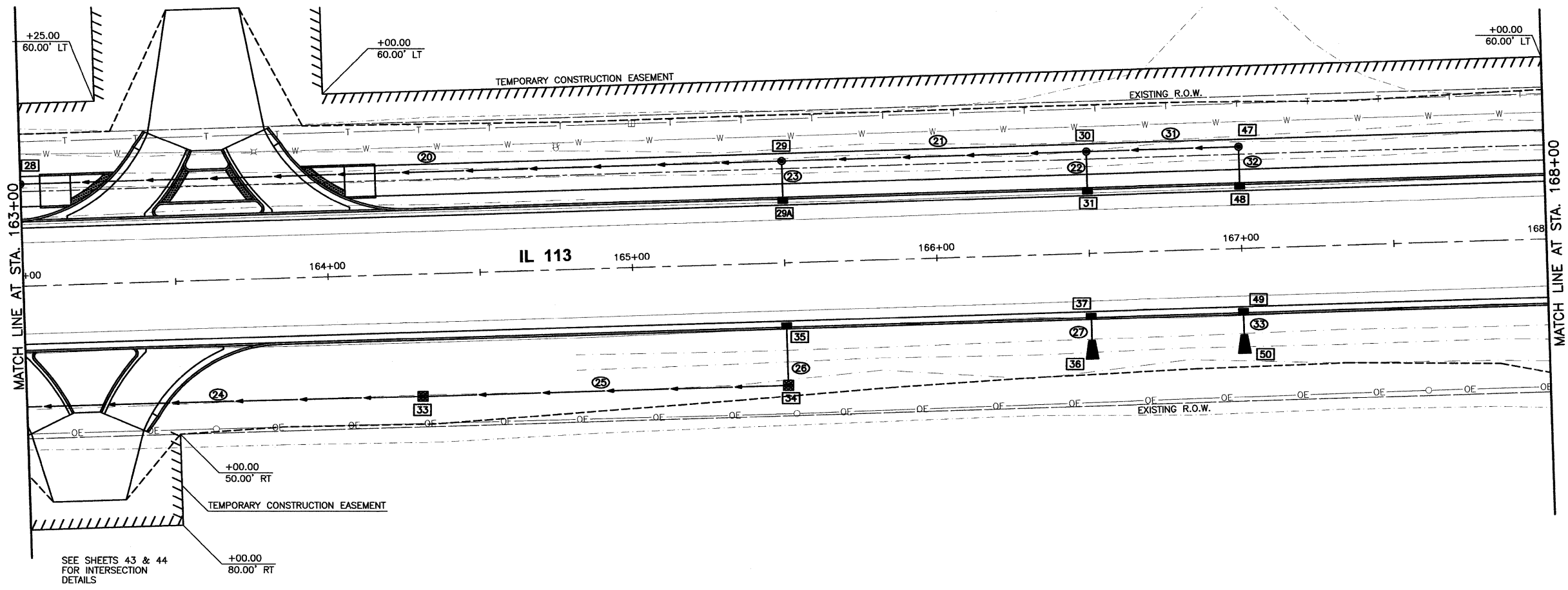
FAS 301 / FAU 383  
 SECTION 11-0007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

PLAN AND PROFILE - IL 113  
 STA. 158+00 TO STA. 163+00

**CONSTRUCTION PLANS**

CURRENT AS OF: 02/12	SHEET 21
SCALE: AS NOTED	OF 96
FILE NO.: 66022.01Y-	

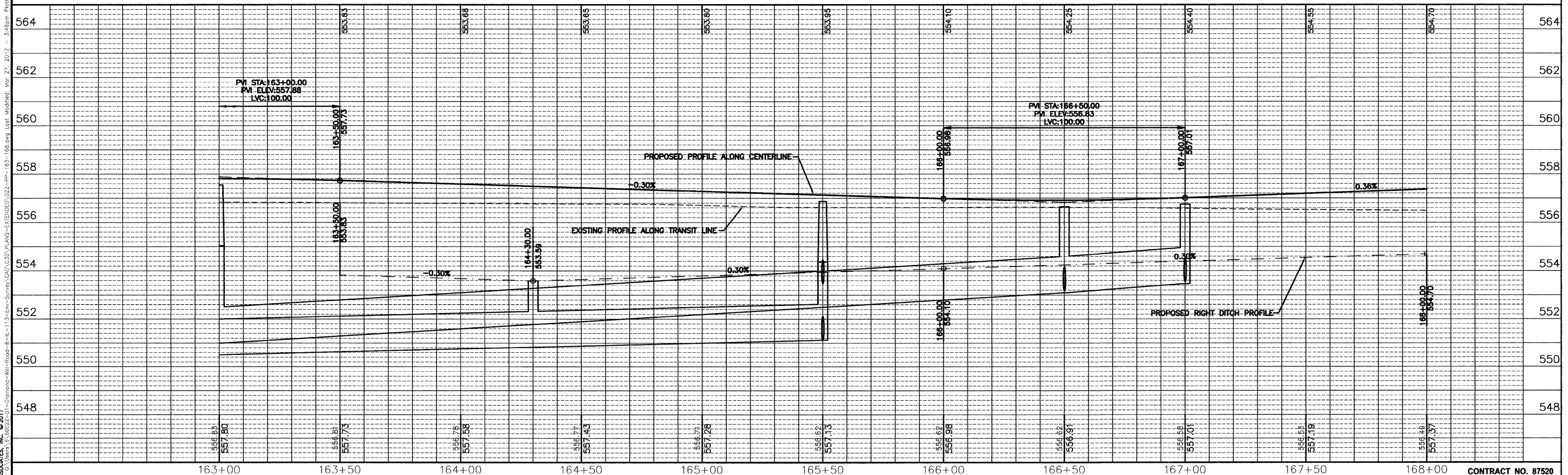
CHAMLIN & ASSOCIATES, INC. © 2011  
 Drawing Name: G:\Users\NV\OneDrive\Projects\11-0007-00-WR\11-0007-00-WR-113-Plan-Profile.dwg  
 Date: 02/12/2012 10:52:21 AM  
 Plot Date: 02/12/2012 10:52:21 AM  
 Plot Scale: 1" = 40'



SEE SHEETS 10 & 11  
FOR DRAINAGE  
SCHEDULES

BENCHMARKS:  
CHISELED "X" IN LIGHT POLE BASE  
AT NORTHWEST CORNER OF IL 113  
AND CURTIS  
ELEV. = 560.20  
SOUTHWEST BOLT ON FIRE HYDRANT  
250'± EAST OF WILL ROAD ON NORTH  
SIDE OF IL 113  
ELEV. = 556.76

SEE SHEETS 43 & 44  
FOR INTERSECTION  
DETAILS



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DATE: 02/12				

**CHAMLIN & ASSOCIATES**  
PERU MORRIS  
ILLINOIS

FAS 301 / FAU 383  
SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

PLAN AND PROFILE - IL 113  
STA. 163+00 TO STA. 168+00

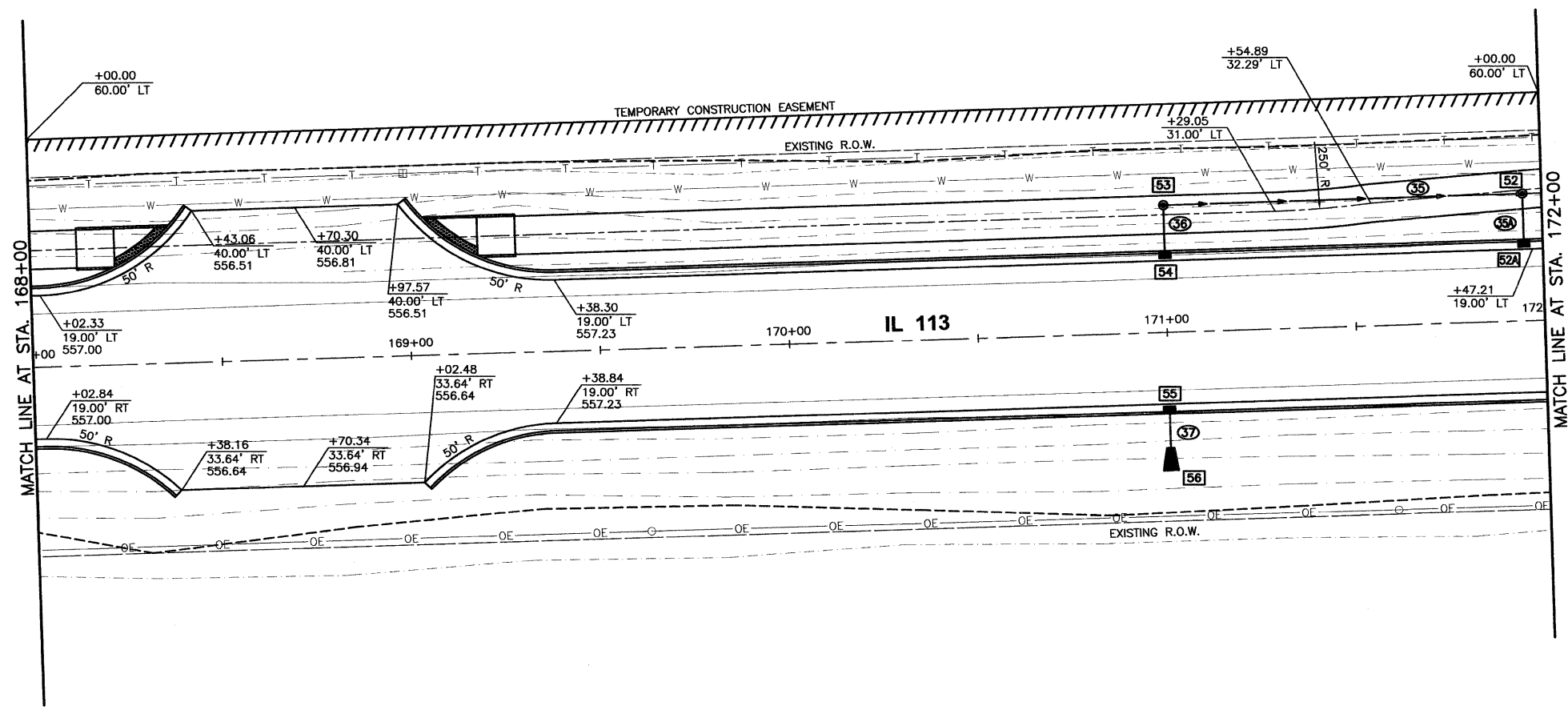
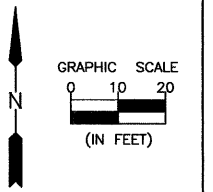
**CONSTRUCTION PLANS**

CURRENT AS OF: 02/12  
SCALE: AS NOTED  
FILE NO.: 66022.01Y-

SHEET 22  
OF 96

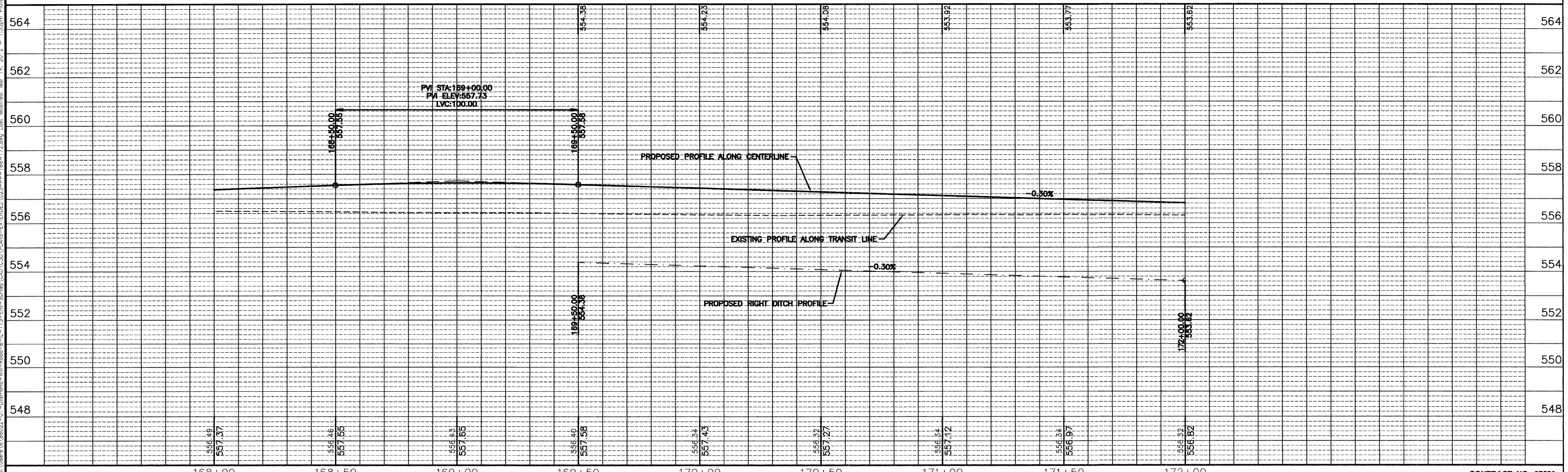
CONTRACT NO. 87520

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Drawing Name: G:\Users\G.V. User\Documents\Will-Road-IL-113-Env-Survey\CAD\PLANS-EXTENDED\02-PP-163-168.dwg Last Modified: Mar 27, 2012 - 3:46pm Plotted on: Apr 09, 2012 - 3:46pm by nandini



SEE SHEETS 10 & 11  
FOR DRAINAGE  
SCHEDULES

BENCHMARKS:  
CHISELED "X" IN LIGHT POLE BASE  
AT NORTHWEST CORNER OF IL 113  
AND CURTIS  
ELEV. = 560.20  
SOUTHWEST BOLT ON FIRE HYDRANT  
250' ± EAST OF WILL ROAD ON NORTH  
SIDE OF IL 113  
ELEV. = 556.76



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Drawing: 66022.01Y-113-Envs-Survey\CAD\CADD\PLANS-EXTENDED\023-PP-168-172.dwg Last Modified: Mar 14, 2012 - 1:35:30pm Plotted on: Mar 27, 2012 - 2:49pm by nancq

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DATE: 02/12				

**CHAMLIN & ASSOCIATES**  
PERU MORRIS  
ILLINOIS

FAS 301 / FAU 383  
SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

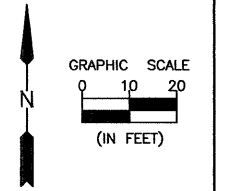
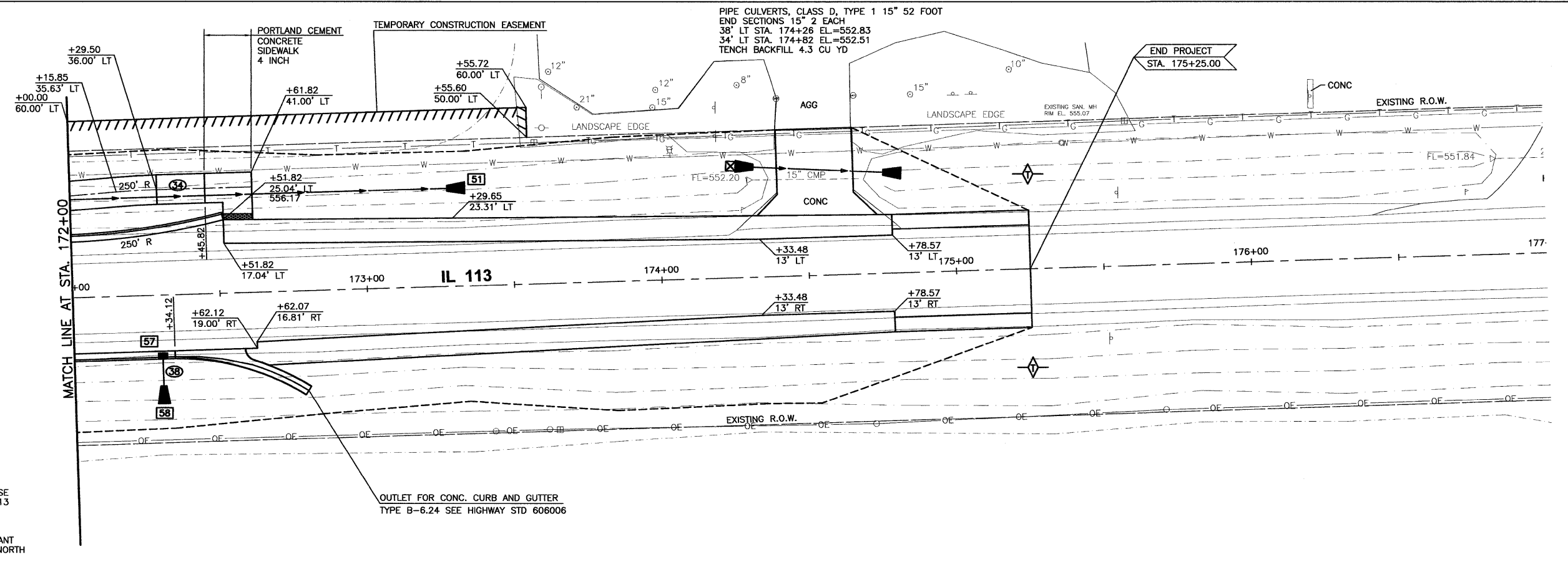
PLAN AND PROFILE - IL 113  
STA. 168+00 TO STA. 172+00

**CONSTRUCTION PLANS**

CURRENT AS OF: 02/12	SHEET 23
SCALE: AS NOTED	OF 96
FILE NO.: 66022.01Y-	

CONTRACT NO. 87520

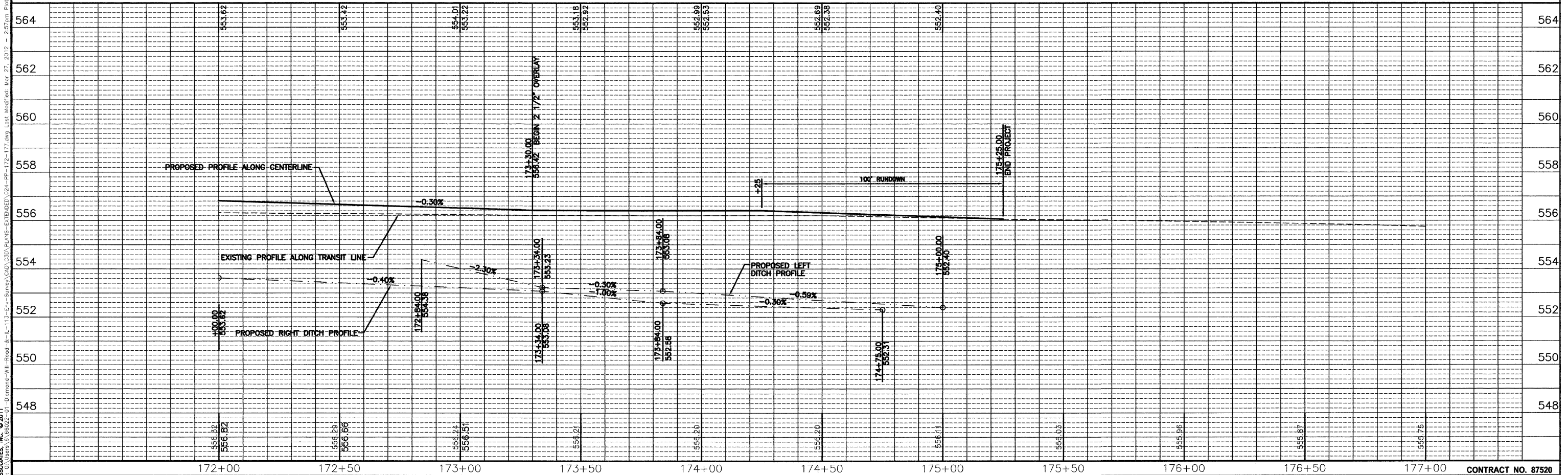




SEE SHEETS 10 & 11  
FOR DRAINAGE  
SCHEDULES

BENCHMARKS:  
CHISELED "X" IN LIGHT POLE BASE  
AT NORTHWEST CORNER OF IL 113  
AND CURTIS  
ELEV. = 560.20  
SOUTHWEST BOLT ON FIRE HYDRANT  
250'± EAST OF WILL ROAD ON NORTH  
SIDE OF IL 113  
ELEV. = 556.76

OUTLET FOR CONC. CURB AND GUTTER  
TYPE B-6.24 SEE HIGHWAY STD 606006



DRAWN BY: NV	LEVEL	BY	DATE	REVISIONS	DESCRIPTION
CHECKED BY: JKC					
DATE: 02/12					

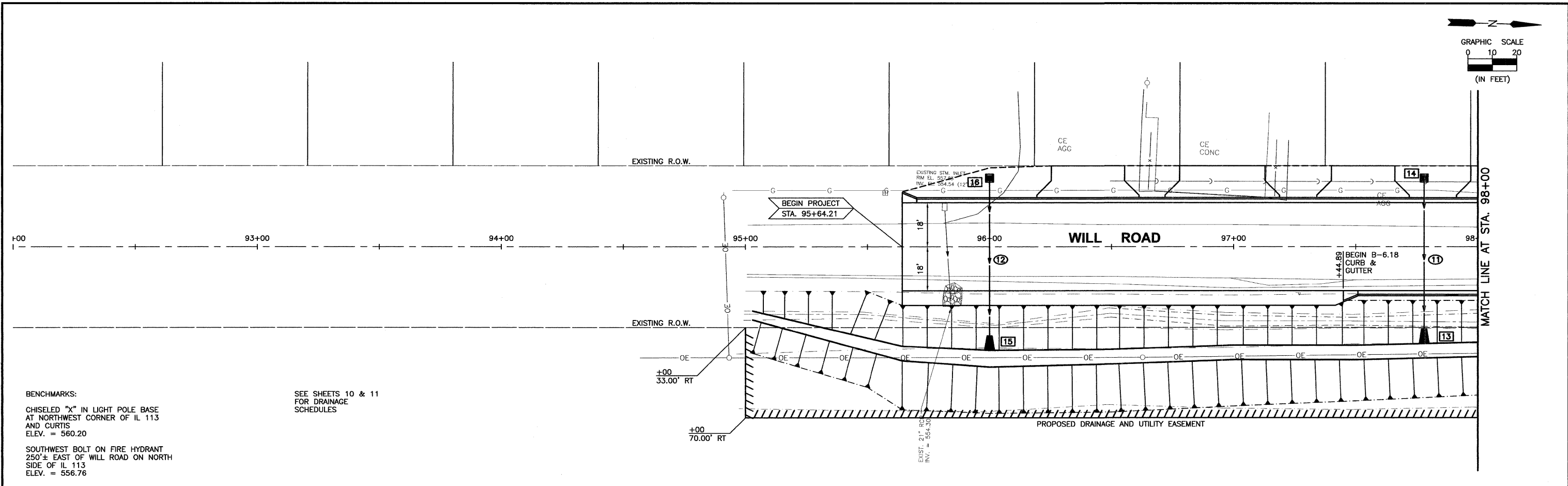
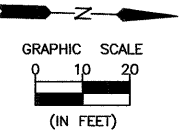
**CHAMLIN ASSOCIATES**  
PERU MORRIS ILLINOIS

FAS 301 / FAU 383  
SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

PLAN AND PROFILE - IL 113  
STA. 172+00 TO STA. 177+00

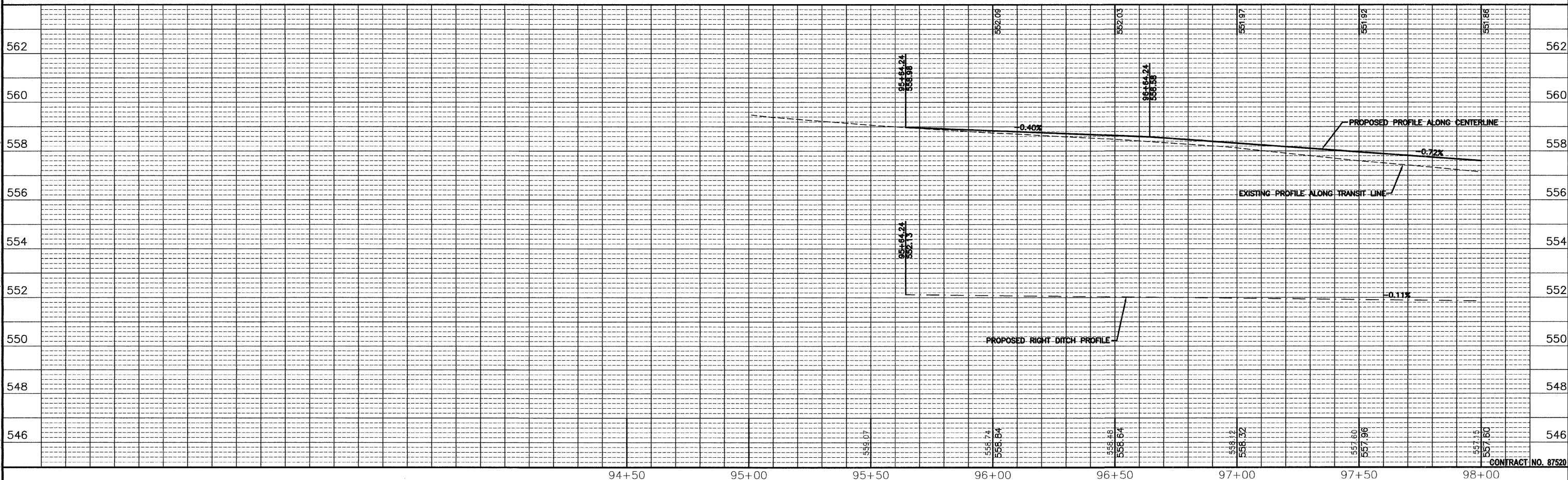
**CONSTRUCTION PLANS**  
CURRENT AS OF: 02/12  
SCALE: AS NOTED  
FILE NO.: 66022.01Y-  
SHEET 24 OF 96

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Drawing Name: G:\Users\jkc\Documents\Will-Road-IL-113-Envs-Survey\CAD\3D\PLANS-EXTENDED\024-PR-172-177.dwg Last Modified: Mar 27, 2012 - 2:07pm Plotted on: Mar 28, 2012 - 8:29am by nancj



**BENCHMARKS:**  
 CHISELED "X" IN LIGHT POLE BASE  
 AT NORTHWEST CORNER OF IL 113  
 AND CURTIS  
 ELEV. = 560.20  
 SOUTHWEST BOLT ON FIRE HYDRANT  
 250'± EAST OF WILL ROAD ON NORTH  
 SIDE OF IL 113  
 ELEV. = 556.76

SEE SHEETS 10 & 11  
 FOR DRAINAGE  
 SCHEDULES



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 Drawing Name: G:\Users\GJ\66022-01 - Diamond-Will-Road - & IL-113 - Env - Survey\CAD\PLANS-EXTENDED\015 - P11-92-98.dwg Last Modified: Mar 27, 2012 - 3:05pm. Plotted on: Mar 29, 2012 - 8:32am by nmcq

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CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 02/12				

**CHAMLIN & ASSOCIATES**  
 PERU MORRIS ILLINOIS

FAS 301 / FAU 383  
 SECTION 11-0007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

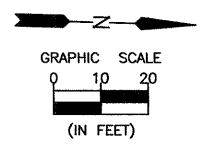
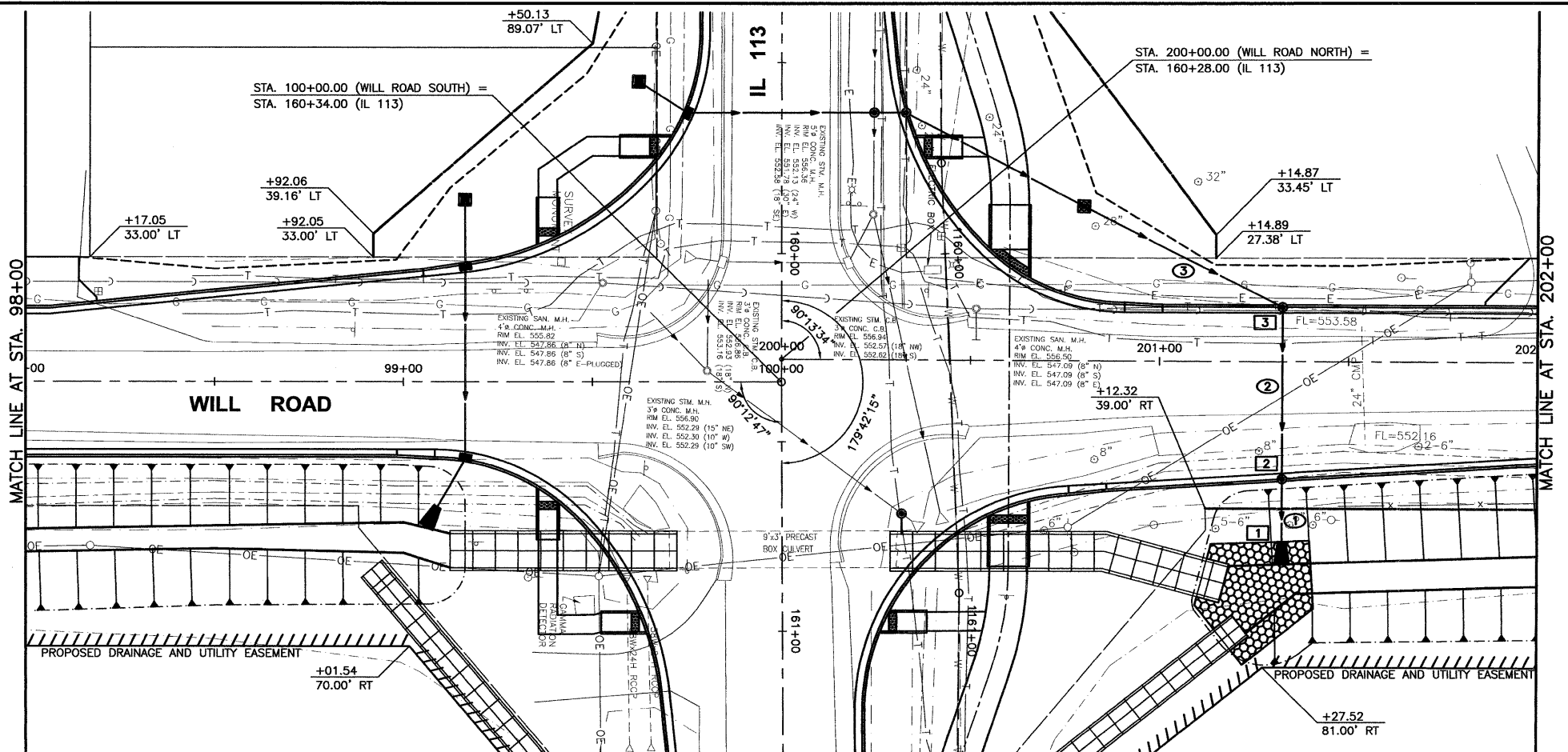
PLAN AND PROFILE - WILL ROAD  
 STA. 92+00 TO STA. 98+00

**CONSTRUCTION PLANS**

CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 25
FILE NO.: 66022.01Y-	OF 96

CONTRACT NO. 87520

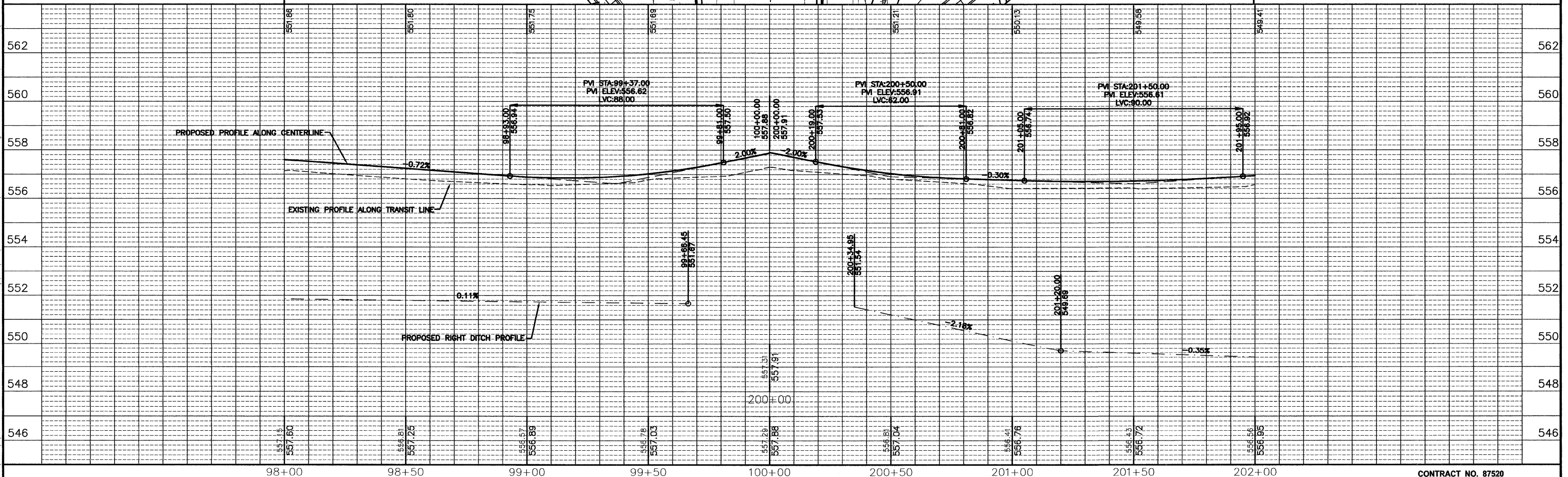
CHAMLIN & ASSOCIATES, INC. © 2011  
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CONSTRUCT DRAIN FOR  
 AGGREGATE BASE AT  
 INLETS LEFT & RIGHT  
 OF STA. 201+33.55  
 SEE DETAIL ON SHEET 61

SEE SHEETS 10 & 11  
 FOR DRAINAGE  
 SCHEDULES

**BENCHMARKS:**  
 CHISELED "X" IN LIGHT POLE BASE  
 AT NORTHWEST CORNER OF IL 113  
 AND CURTIS  
 ELEV. = 560.20  
 SOUTHWEST BOLT ON FIRE HYDRANT  
 250'± EAST OF WILL ROAD ON NORTH  
 SIDE OF IL 113  
 ELEV. = 556.76



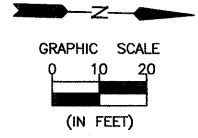
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CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 02/12				

**CHAMLIN & ASSOCIATES**  
 PERU MORRIS  
 ILLINOIS

FAS 301 / FAU 383  
 SECTION 11-0007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

PLAN AND PROFILE - WILL ROAD  
 STA. 98+00 TO STA. 202+00

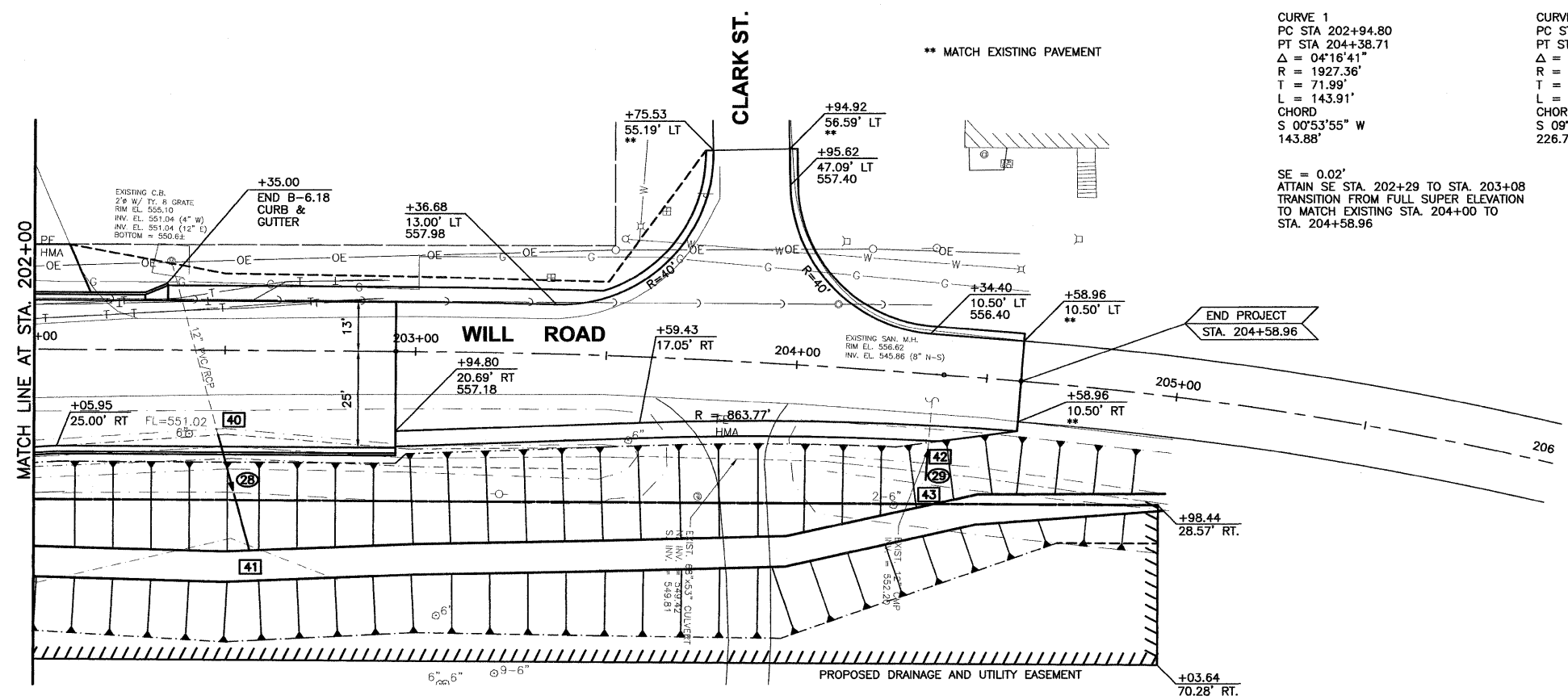
**CONSTRUCTION PLANS**  
 CONTRACT NO. 87520  
 CURRENT AS OF: 02/12  
 SCALE: AS NOTED  
 SHEET 26  
 FILE NO.: 66022.01 Y-  
 OF 96



**CURVE 1**  
 PC STA 202+94.80  
 PT STA 204+38.71  
 $\Delta = 04^{\circ}18'41''$   
 R = 1927.36'  
 T = 71.99'  
 L = 143.91'  
 CHORD  
 S  $00^{\circ}53'55''$  W  
 143.88'

**CURVE 2**  
 PC STA 204+58.96  
 PT STA 206+86.24  
 $\Delta = 13^{\circ}18'09''$   
 R = 978.95'  
 T = 114.15'  
 L = 227.28'  
 CHORD  
 S  $09^{\circ}41'20''$  W  
 226.77'

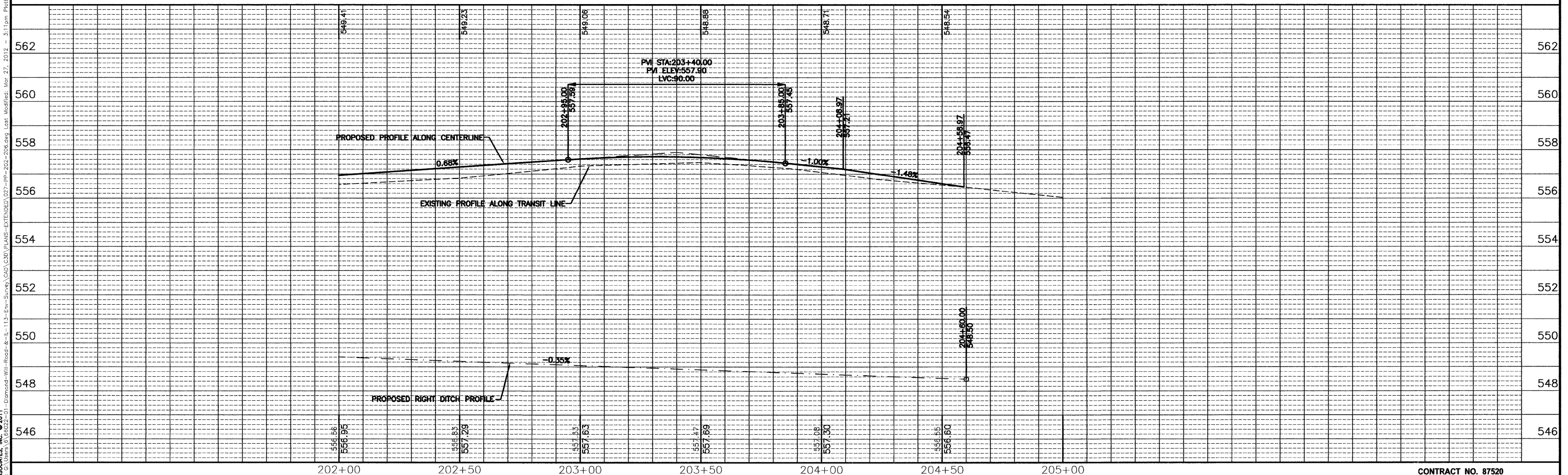
SE = 0.02'  
 ATTAIN SE STA. 202+29 TO STA. 203+08  
 TRANSITION FROM FULL SUPER ELEVATION  
 TO MATCH EXISTING STA. 204+00 TO  
 STA. 204+58.96



SEE SHEETS 10 & 11  
 FOR DRAINAGE  
 SCHEDULES

**BENCHMARKS:**  
 CHISELED "X" IN LIGHT POLE BASE  
 AT NORTHWEST CORNER OF IL 113  
 AND CURTIS  
 ELEV. = 560.20  
 SOUTHWEST BOLT ON FIRE HYDRANT  
 250' ± EAST OF WILL ROAD ON NORTH  
 SIDE OF IL 113  
 ELEV. = 556.76

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FAS 301 / FAU 383  
SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

PLAN AND PROFILE - WILL ROAD  
 STA. 202+00 TO STA. 206+00

**CONSTRUCTION PLANS**

CONTRACT NO. 87520  
 CURRENT AS OF: 02/12  
 SCALE: AS NOTED  
 SHEET 27  
 FILE NO.: 66022.01Y- OF 96



## SEQUENCE OF WORK

### STAGE I

- \* RELOCATE EXISTING LIGHT POLES AND WATERMAIN ALONG BOTH SIDES OF IL 113.
- \* CLOSE WILL ROAD TO ALL TRAFFIC NORTH OF IL 113.
- \* CUT CLAYPOOL DRAINAGE DITCH (DITCH EAST SIDE OF WILL ROAD AND EXTEND 9X3 BOX CULVERT NORTH AND SOUTH FROM IL 113)
- \* CONSTRUCT 6' X 3' BOX CULVERT FROM NORTH END TO A POINT THAT ALLOWS FOR PLACEMENT OF THE INLET LEFT OF STA. 161+56.34. BLOCK END OF CULVERT AND BACKFILL.
- \* CONSTRUCT STORM SEWERS ON THE NORTH SIDE OF IL 113, ON WILL ROAD, AND ON THE SOUTH SIDE OF IL 113 WEST OF WILL ROAD.
- \* CONSTRUCT STORM SEWER ON THE SOUTH SIDE OF IL 113, EAST OF WILL ROAD, BUT PLUG INLETS AT STA. 164+30 AND STA.165+50 TO PREVENT WATER FROM FLOWING WEST TO OUTFALL AT STA. 161+56 +/-.

### STAGE II

- \* CLOSE WILL ROAD IN ACCORDANCE WITH THE TRAFFIC CONTROL PLAN SOUTH OF IL 113.
- \* CONSTRUCT IL 113 PAVEMENT WIDENING ALONG THE SOUTH EDGE OF PAVEMENT TO TOP OF BASE COURSE AND PLACE VARIABLE THICKNESS LEVELING BINDER OVER IL 113. GAP CURB AND GUTTER 20' EACH SIDE OF INLETS TO BE CONSTRUCTED AT STA. 161+56.34. (NOTE - CONSTRUCTION OF CROSS ROAD CULVERT AT STA. 161+56.34 WILL BE DELAYED TO A FUTURE STAGE.)
- \* CONSTRUCT WILL ROAD IMPROVEMENTS SOUTH OF IL 113.

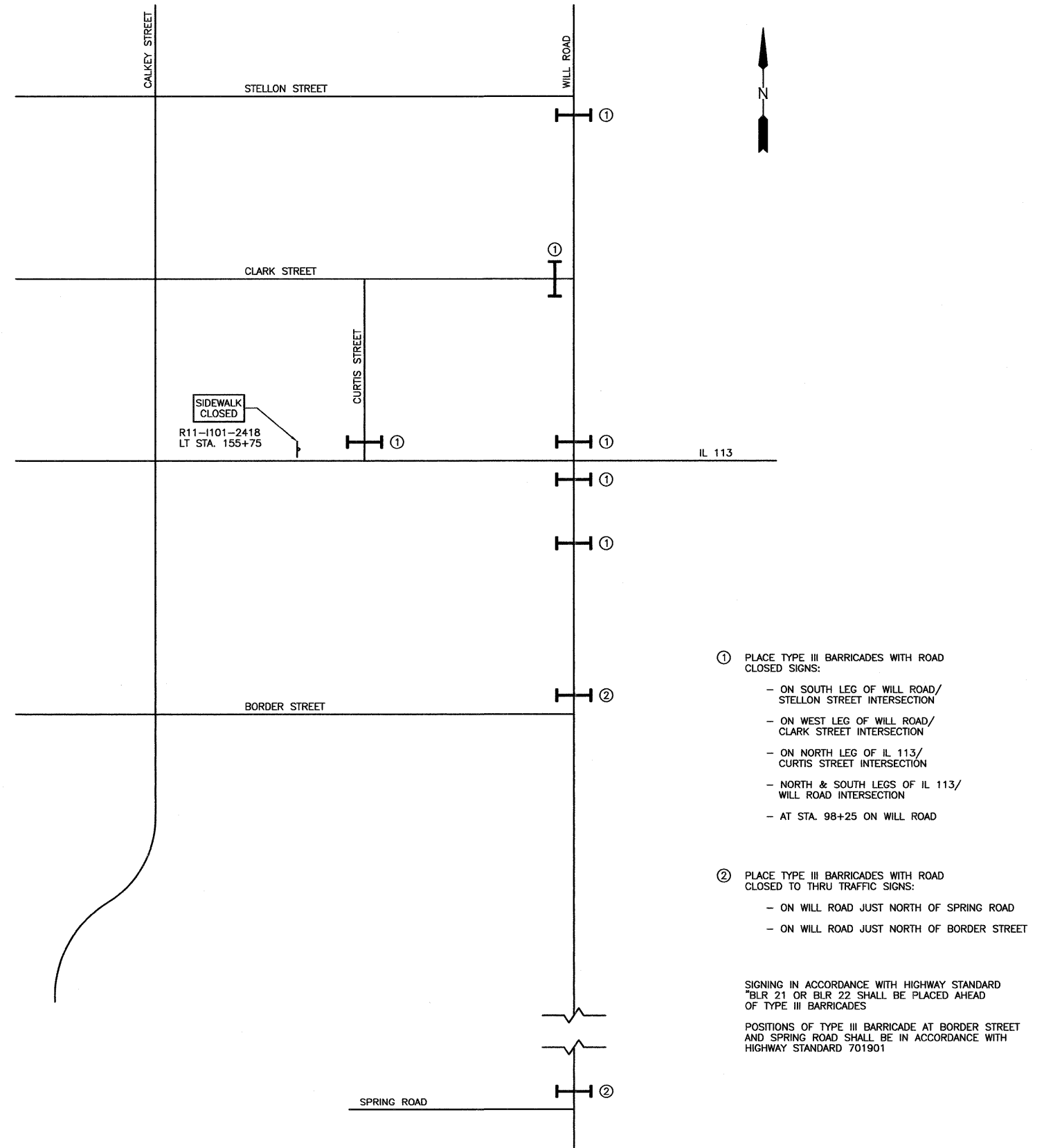
### STAGE III

- \* CONSTRUCT IL 113 PAVEMENT WIDENING ALONG THE NORTH EDGE OF PAVEMENT TO TOP OF HMA BASE COURSE.
- \* CONSTRUCT WILL ROAD IMPROVEMENTS NORTH OF IL 113
- \* SAW CUT PAVEMENT FOR CONSTRUCTION OF 6' X 3' BOX CULVERT.
- \* ERECT STAGE IIIA TRAFFIC CONTROL IN ACCORDANCE WITH DETAILS IN THE PLANS.
- \* CONSTRUCT 6' X 3' BOX CULVERT TO FIRST JOINT SOUTH OF CENTERLINE OF IL 113, PLUG SOUTH END OF BOX CULVERT, PLACE TEMPORARY SOIL RETENTION SYSTEM, AND BACKFILL TO TOP OF PAVEMENT. THIS WORK SHALL BE CONTINUOUS UNTIL COMPLETED.
- \* ERECT STAGE IIIB TRAFFIC CONTROL IN ACCORDANCE WITH DETAILS IN THE PLANS AND CONSTRUCT REMAINDER OF 6' X 3' BOX CULVERT AND BACKFILL TO TOP OF PAVEMENT. THIS WORK SHALL BE CONTINUOUS UNTIL COMPLETED.
- \* CONSTRUCT PAVEMENT PATCH, AND CURB AND GUTTER OVER BOX CULVERT.

### STAGE IV

- \* PLACE LEVELING BINDER AND SURFACE COURSE, AND ALL OTHER WORK TO COMPLETE THE PROJECT.

COST OF TEMPORARY SOIL RETENTION SYSTEM SHALL BE CONSIDERED INCLUDED IN THE COST FOR PRECAST CONCRETE BOX CULVERT.



- ① PLACE TYPE III BARRICADES WITH ROAD CLOSED SIGNS:
- ON SOUTH LEG OF WILL ROAD/ STELLON STREET INTERSECTION
  - ON WEST LEG OF WILL ROAD/ CLARK STREET INTERSECTION
  - ON NORTH LEG OF IL 113/ CURTIS STREET INTERSECTION
  - NORTH & SOUTH LEGS OF IL 113/ WILL ROAD INTERSECTION
  - AT STA. 98+25 ON WILL ROAD
- ② PLACE TYPE III BARRICADES WITH ROAD CLOSED TO THRU TRAFFIC SIGNS:
- ON WILL ROAD JUST NORTH OF SPRING ROAD
  - ON WILL ROAD JUST NORTH OF BORDER STREET

SIGNING IN ACCORDANCE WITH HIGHWAY STANDARD BLR 21 OR BLR 22 SHALL BE PLACED AHEAD OF TYPE III BARRICADES

POSITIONS OF TYPE III BARRICADE AT BORDER STREET AND SPRING ROAD SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARD 701901

**SIDE STREET  
TRAFFIC CONTROL PLAN**

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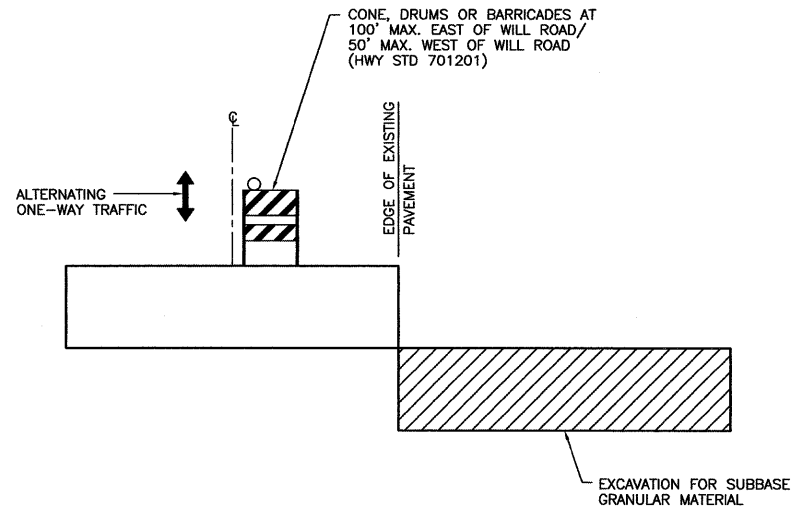
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**SECTION 11-00007-00-WR**  
**VILLAGE OF DIAMOND**  
**GRUNDY AND WILL COUNTIES**

STAGE CONSTRUCTION AND TRAFFIC CONTROL PLANS

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	SHEET 28
	SCALE: AS NOTED	OF 96
FILE NO.: 66022.01 Y-		OF 96

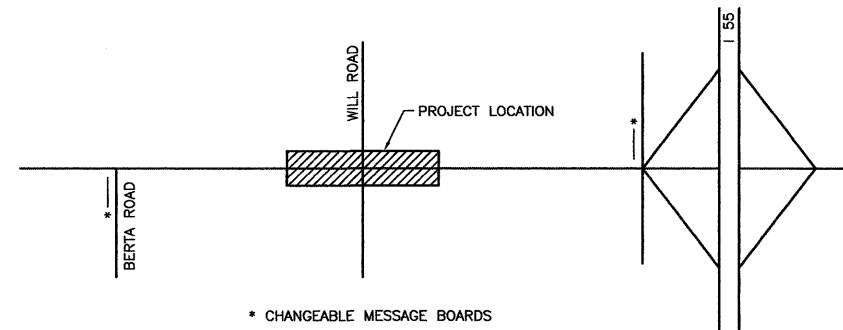


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**STAGE CONSTRUCTION WIDENING DETAIL - IL 113**

TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARD  
 701201 DURING WORK TO EXCAVATE FOR SUB-BASE GRANULAR MATERIAL.  
 THE FIRST 4" OF SUB-BASE GRANULAR MATERIAL SHALL BE PLACED  
 PRIOR TO OPENING THE ADJACENT LANE. THEN TRAFFIC CONTROL SHALL  
 BE IN ACCORDANCE WITH HIGHWAY STANDARD 701326, EXCEPT THAT  
 MAXIMUM DRUM OR BARRICADE SPACING SHALL BE 50' WEST OF WILL ROAD.



**PUBLIC INFORMATION PLAN**

- 1) CHANGEABLE MESSAGE BOARDS SHALL BE IN PLACE FOR TWO WEEKS PRIOR TO START OF CONSTRUCTION.
- 2) THE CONTRACTOR SHALL NOTIFY EMERGENCY SERVICES (POLICE, FIRE & AMBULANCE) IN WRITING 2 WEEKS PRIOR TO BEGINNING WORK AND SHALL GIVE 24 HOUR NOTICE OF SIDE STREET CLOSURES/CHANGES.

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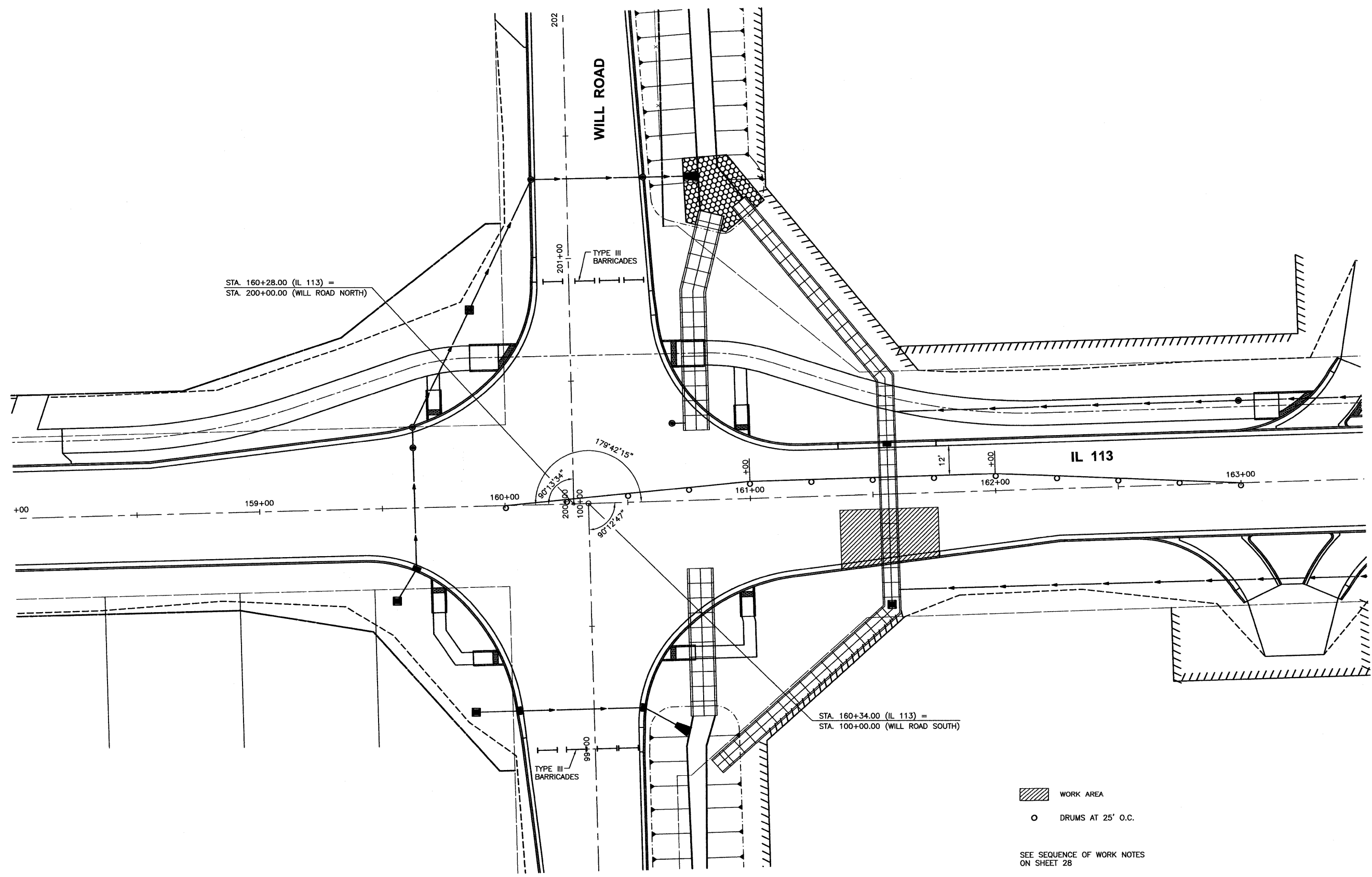
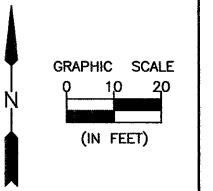
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 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES



STAGE CONSTRUCTION AND TRAFFIC CONTROL PLANS

**CONSTRUCTION PLANS**

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 29
FILE NO.: 66022.01 Y-	OF 96





 WORK AREA  
 DRUMS AT 25' O.C.  
 SEE SEQUENCE OF WORK NOTES ON SHEET 28

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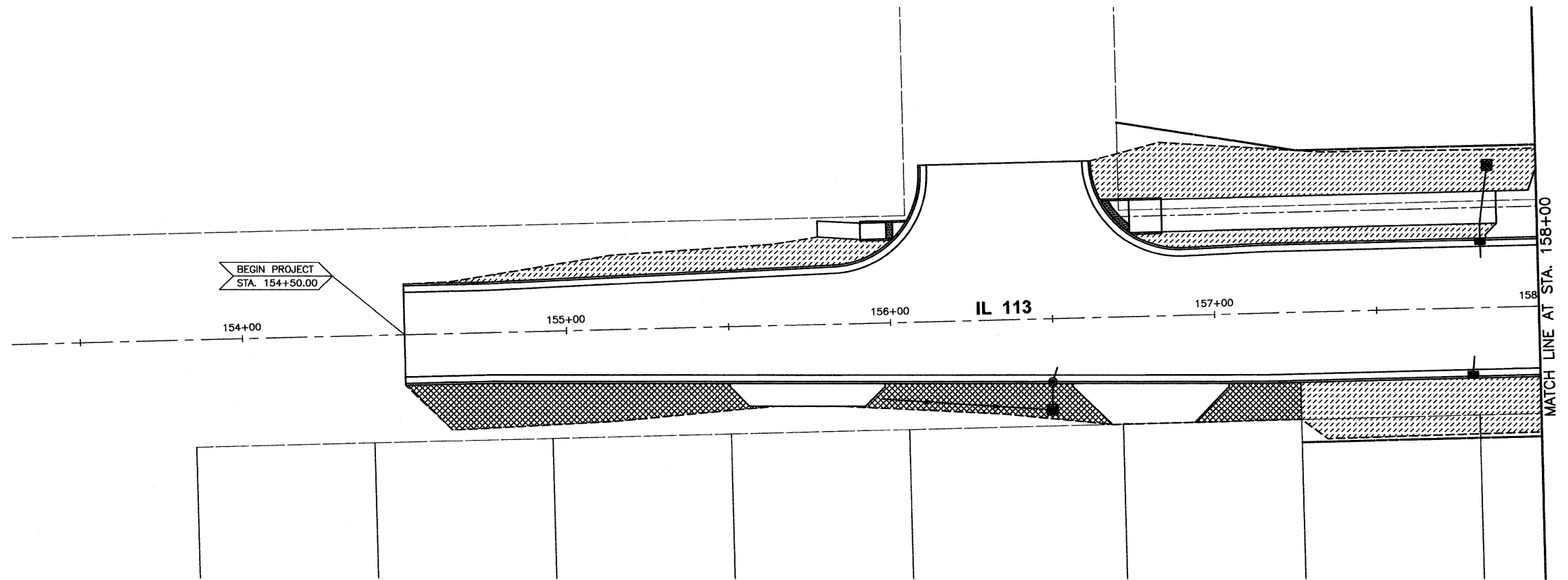
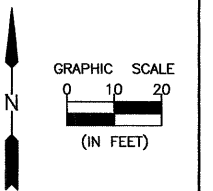
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FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

TRAFFIC CONTROL PLAN  
 STAGE III B

**CONSTRUCTION PLANS**  
 CONTRACT NO. 87520  
 CURRENT AS OF: 02/12  
 SCALE: AS NOTED SHEET 31  
 FILE NO.: 66022.01 Y- OF 96



- SEEDING CLASS 2A  
MULCH METHOD 2
- SEEDING CLASS 4  
EROSION CONTROL BLANKET
- SODDING SALT TOLERANT
- STONE RIPRAP CLASS A4
- PERIMETER EROSION CONTROL BARRIER
- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION

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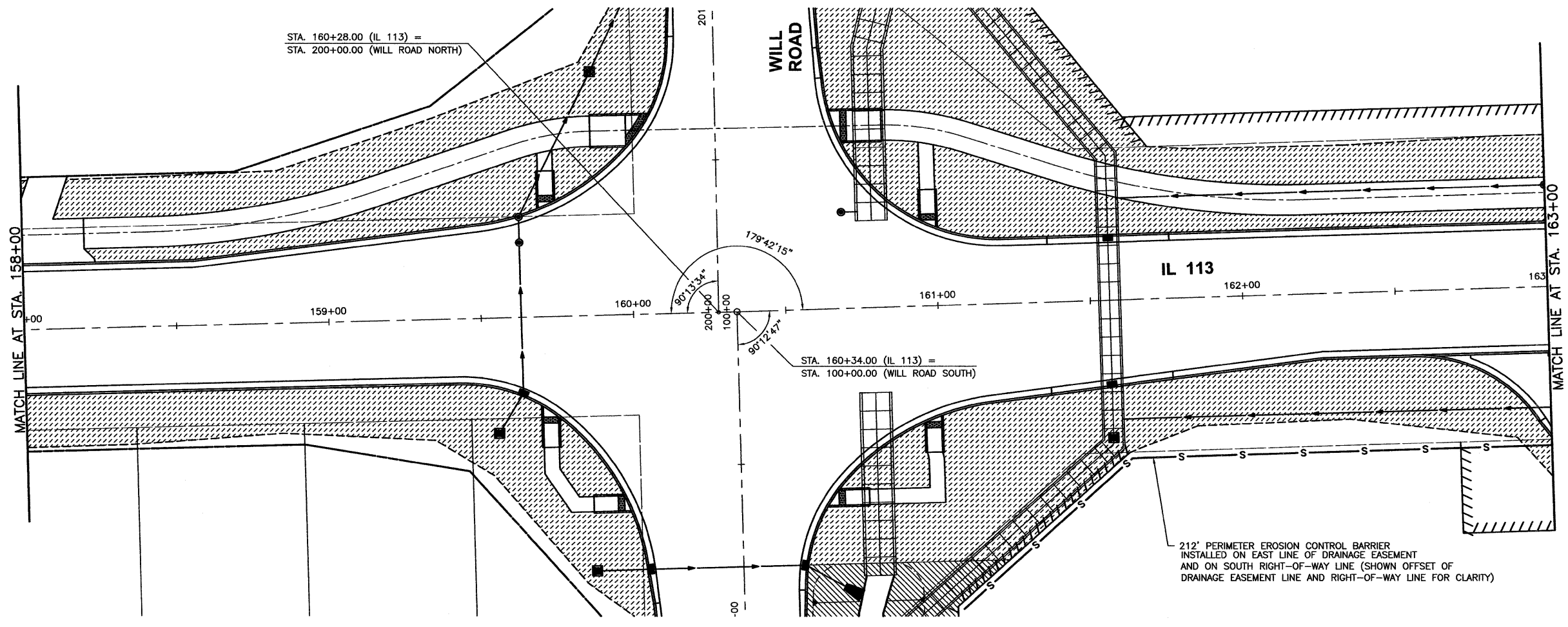
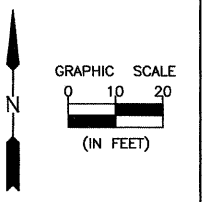
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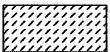
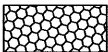

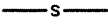



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FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

EROSION AND SEDIMENT CONTROL PLANS - IL 113  
 STA. 154+00 TO STA. 158+00

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	SHEET 32
	SCALE: AS NOTED	OF 96
FILE NO.: 66022.01 Y-		OF 96



- |   |  |   |                                   |
|---|--|---|-----------------------------------|
|  | SEEDING CLASS 2A<br>MULCH METHOD 2         |  | STONE RIPRAP CLASS A4             |
|  | SEEDING CLASS 4<br>EROSION CONTROL BLANKET |  | PERIMETER EROSION CONTROL BARRIER |
|  | SODDING SALT TOLERANT                      |  | TEMPORARY DITCH CHECK             |
|   |  |  | INLET AND PIPE PROTECTION         |

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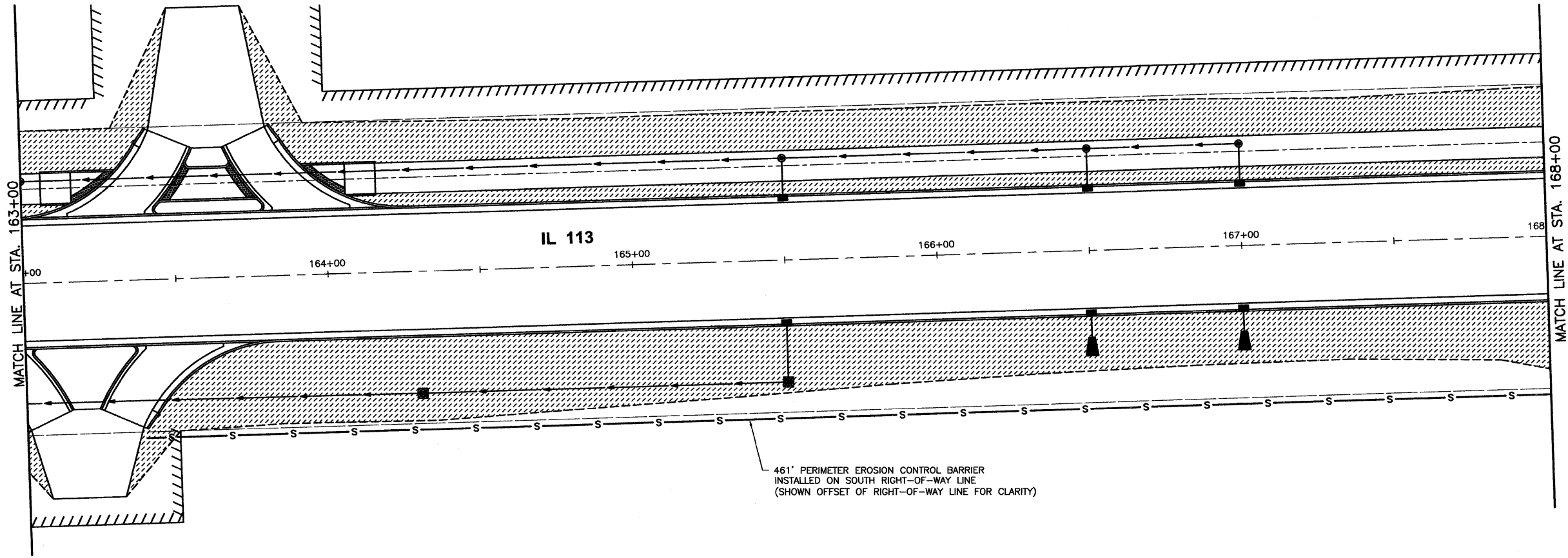
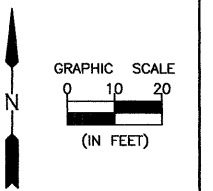
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FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

EROSION AND SEDIMENT CONTROL PLANS - IL 113  
 STA. 158+00 TO STA. 163+00

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
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	FILE NO.: 66022.01 Y-	OF 96



461' PERIMETER EROSION CONTROL BARRIER  
 INSTALLED ON SOUTH RIGHT-OF-WAY LINE  
 (SHOWN OFFSET OF RIGHT-OF-WAY LINE FOR CLARITY)

- SEEDING CLASS 2A  
MULCH METHOD 2
- SEEDING CLASS 4  
EROSION CONTROL BLANKET
- SODDING SALT TOLERANT
- STONE RIPRAP CLASS A4
- PERIMETER EROSION CONTROL BARRIER
- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION

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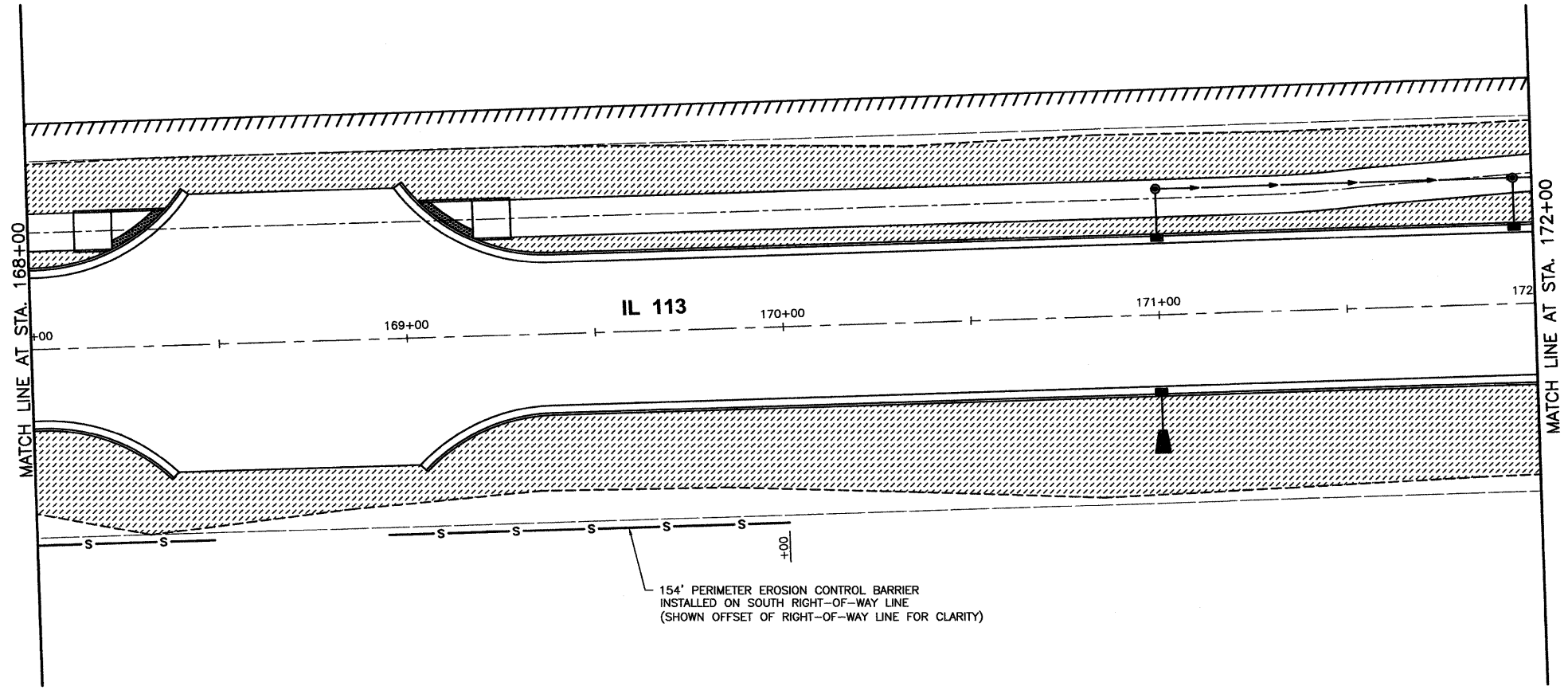
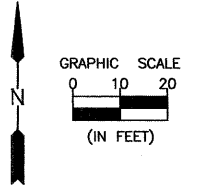
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FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

EROSION AND SEDIMENT CONTROL PLANS - IL 113  
 STA. 163+00 TO STA. 168+00

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	SHEET 34
	SCALE: AS NOTED	OF 96



154' PERIMETER EROSION CONTROL BARRIER  
 INSTALLED ON SOUTH RIGHT-OF-WAY LINE  
 (SHOWN OFFSET OF RIGHT-OF-WAY LINE FOR CLARITY)

- SEEDING CLASS 2A  
MULCH METHOD 2
- SEEDING CLASS 4  
EROSION CONTROL BLANKET
- SODDING SALT TOLERANT
- STONE RIPRAP CLASS A4
- PERIMETER EROSION CONTROL BARRIER
- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION

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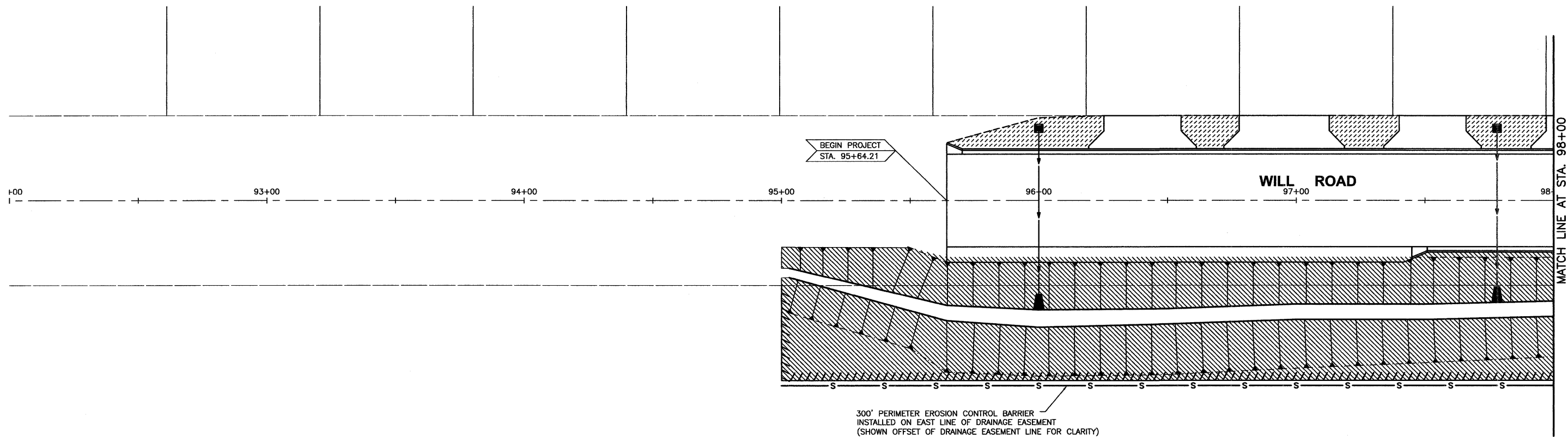
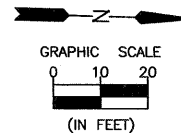
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 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES



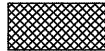
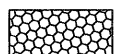
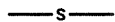


EROSION AND SEDIMENT CONTROL PLANS - IL 113  
 STA. 168+00 TO STA. 172+00

CONSTRUCTION PLANS	CURRENT AS OF: 02/12
	SCALE: AS NOTED SHEET 35
	FILE NO.: 66022.01 Y- OF 96







-  SEEDING CLASS 2A  
MULCH METHOD 2
-  SEEDING CLASS 4  
EROSION CONTROL BLANKET
-  SODDING SALT TOLERANT
-  STONE RIPRAP CLASS A4
-  PERIMETER EROSION CONTROL BARRIER
-  TEMPORARY DITCH CHECK
-  INLET AND PIPE PROTECTION

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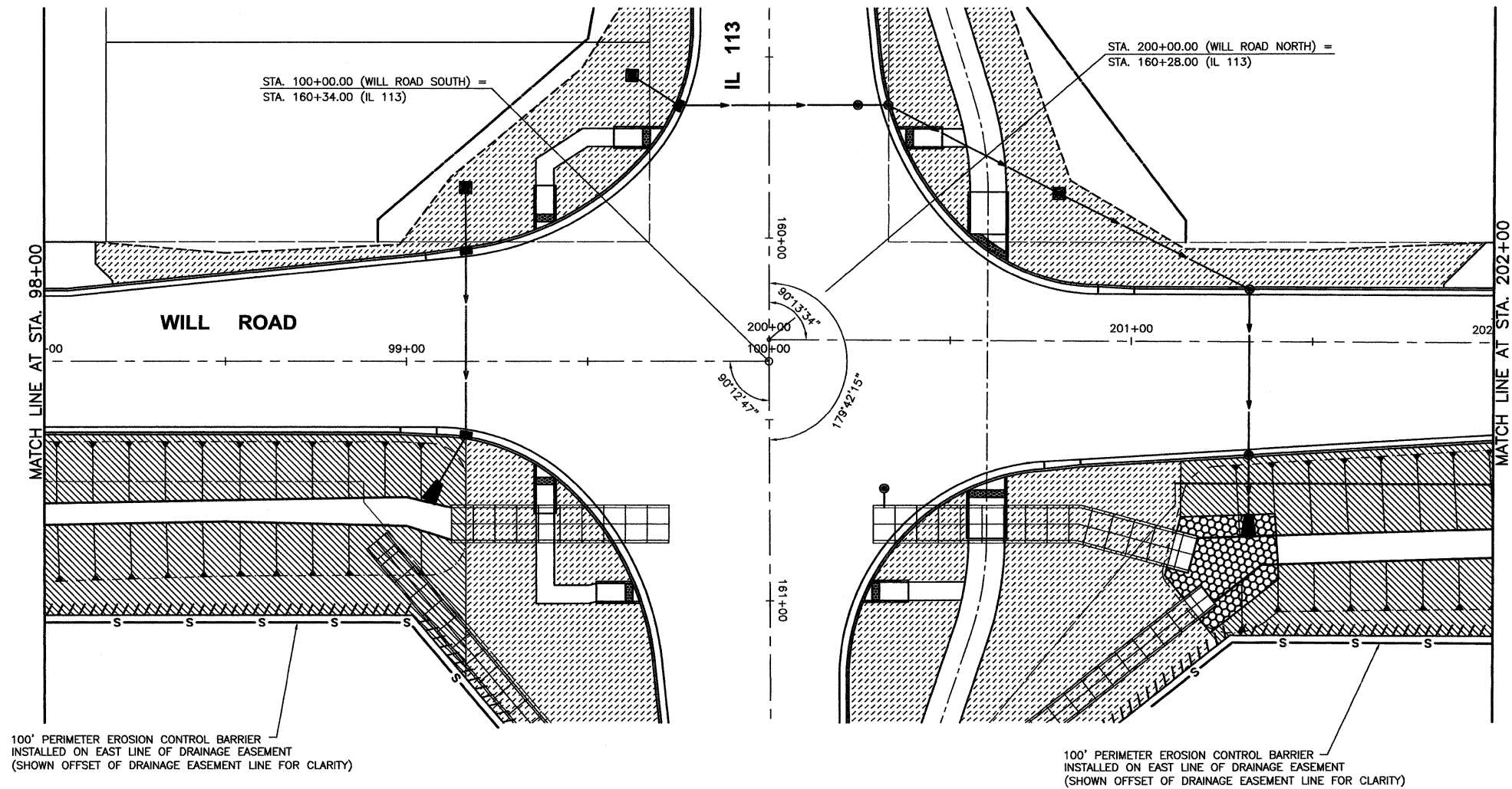
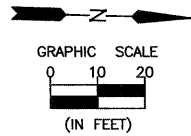
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VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

EROSION AND SEDIMENT CONTROL PLANS - WILL ROAD  
STA. 92+00 TO STA. 98+00

**CONSTRUCTION  
PLANS**

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- SEEDING CLASS 2A MULCH METHOD 2
- SEEDING CLASS 4 EROSION CONTROL BLANKET
- SODDING SALT TOLERANT
- STONE RIPRAP CLASS A4
- PERIMETER EROSION CONTROL BARRIER
- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION

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SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

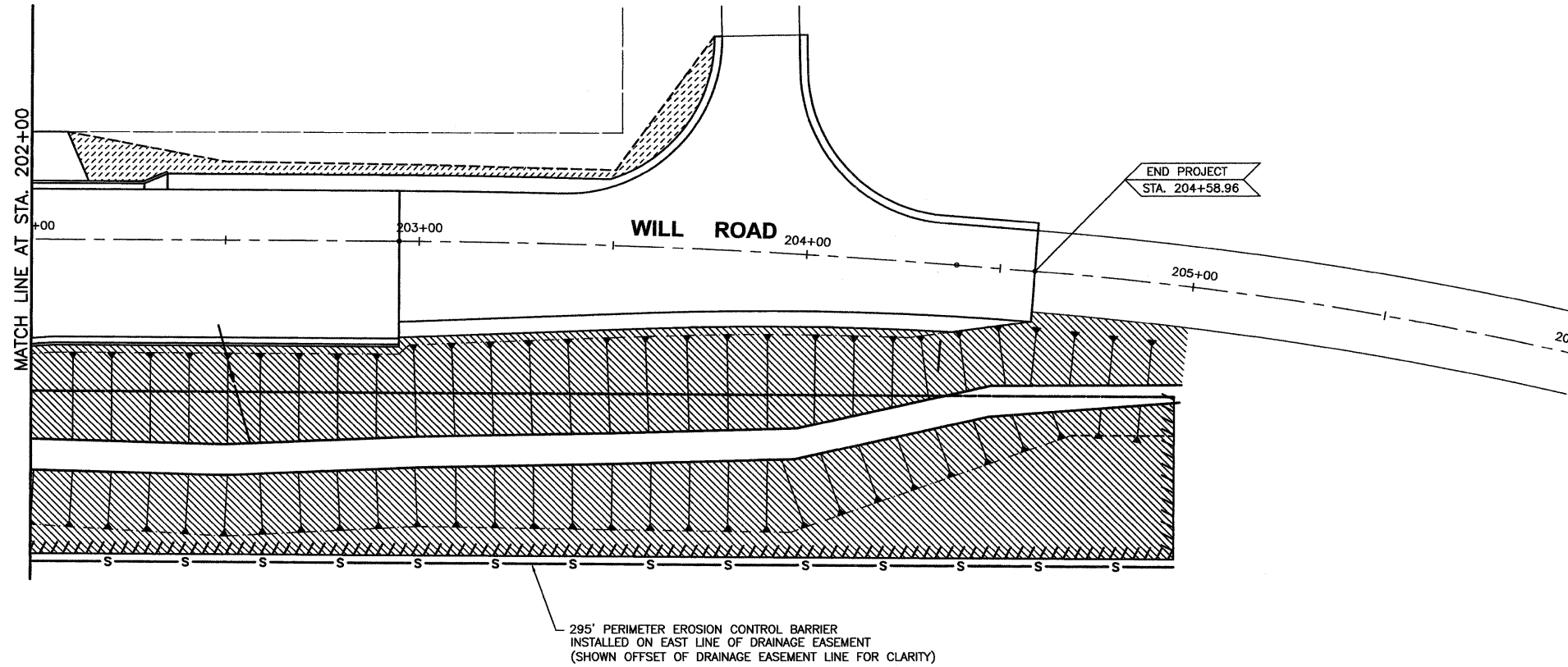
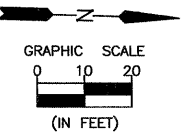
EROSION AND SEDIMENT CONTROL PLANS - WILL ROAD  
STA. 98+00 TO STA. 202+00

**CONSTRUCTION PLANS**

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 38
FILE NO.: 66022.01 Y-	OF 96

CURVE 1  
 PC STA 202+94.80  
 PT STA 204+38.71  
 $\Delta = 04^{\circ}16'41''$   
 R = 1927.36'  
 T = 71.99'  
 L = 143.91'  
 CHORD  
 S 00°53'55" W  
 143.88'

CURVE 2  
 PC STA 204+58.96  
 PT STA 206+86.24  
 $\Delta = 13^{\circ}18'09''$   
 R = 978.95'  
 T = 114.15'  
 L = 227.28'  
 CHORD  
 S 09°41'20" W  
 226.77'



- SEEDING CLASS 2A  
MULCH METHOD 2
- SEEDING CLASS 4  
EROSION CONTROL BLANKET
- SODDING SALT TOLERANT
- STONE RIPRAP CLASS A4
- PERIMETER EROSION CONTROL BARRIER
- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION

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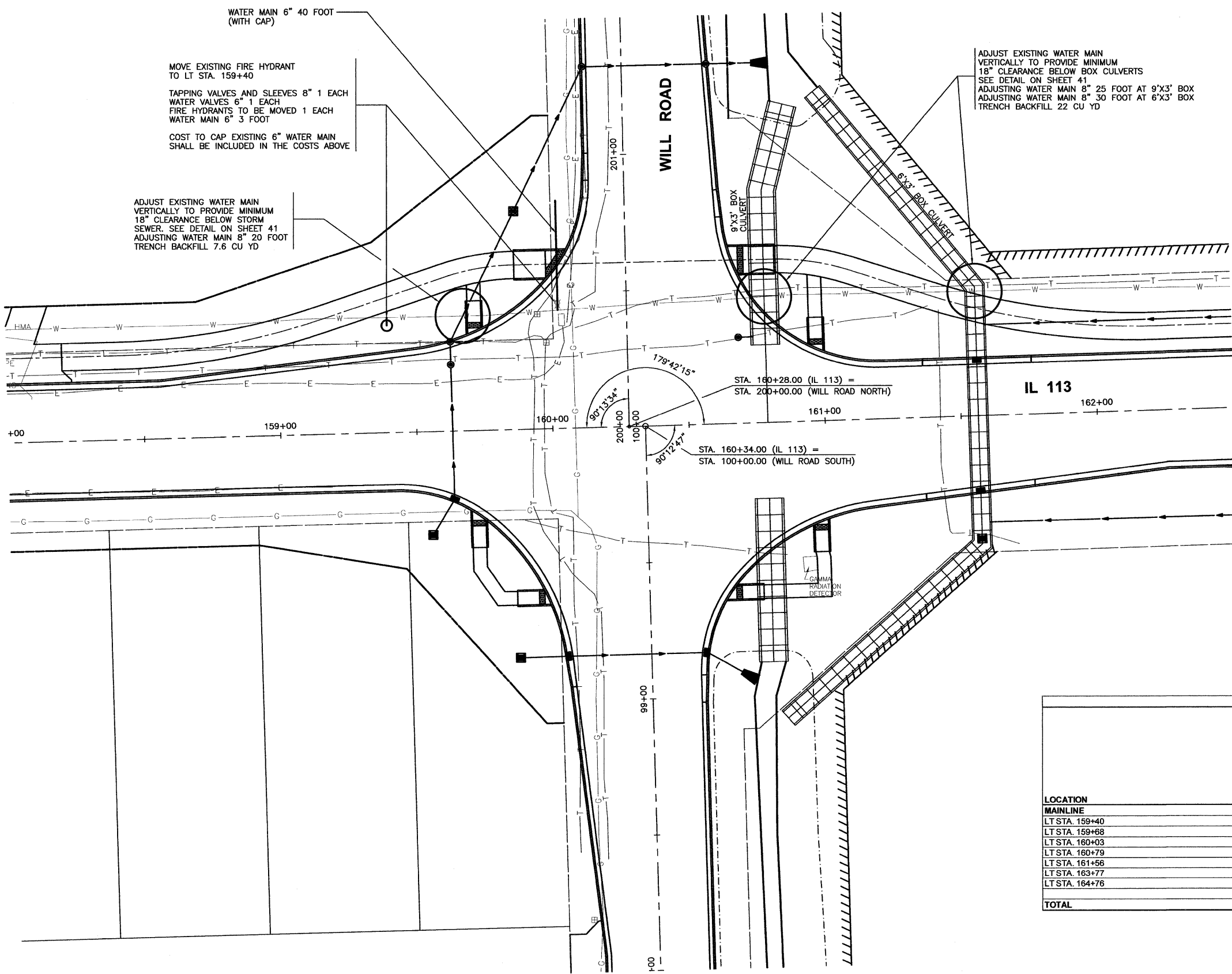
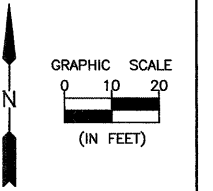
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 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

EROSION AND SEDIMENT CONTROL PLANS - WILL ROAD  
 STA. 202+00 TO STA. 206+00

**CONSTRUCTION  
 PLANS**

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 39
FILE NO.: 66022.01 Y-	OF 96



WATER MAIN SCHEDULE								
LOCATION	TRENCH BACKFILL	WATER MAIN 6"	WATER VALVES 6"	ADJUSTING WATER MAIN 8"	TAPPING SLEEVES AND VALVES 8"	WATER VALVES TO BE ADJUSTED	FIRE HYDRANTS TO BE MOVED	FIRE HYDRANT EXTENSION
MAINLINE	CU YD	FOOT	EACH	FOOT	EACH	EACH	EACH	FOOT
LT STA. 159+40	—	3	1	—	1	—	1	—
LT STA. 159+68	7.6	—	—	20	—	—	—	—
LT STA. 160+03	16.9	40	—	—	—	1	—	—
LT STA. 160+79	8.7	—	—	25	—	—	—	—
LT STA. 161+56	13.3	—	—	30	—	—	—	—
LT STA. 163+77	—	—	—	—	—	1	—	—
LT STA. 164+76	—	—	—	—	—	1	—	3
<b>TOTAL</b>	<b>47</b>	<b>43</b>	<b>1</b>	<b>75</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>3</b>

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**CHAMLIN & ASSOCIATES**

PERU MORRIS ILLINOIS

FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

WATER MAIN PLANS  
 IL 113 AND WILL ROAD

**CONSTRUCTION PLANS**

CONTRACT NO. 87520

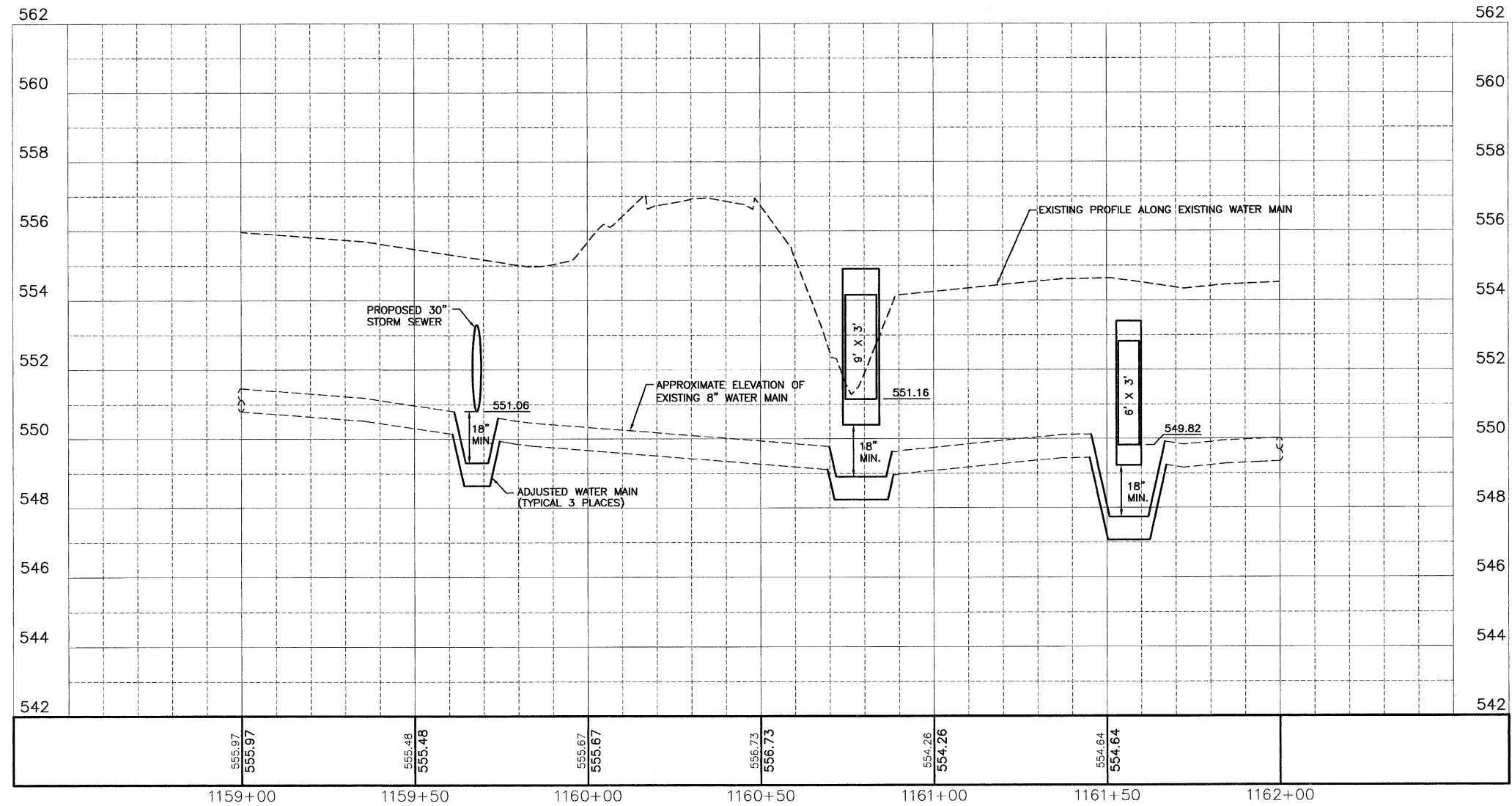
CURRENT AS OF: 02/12

SCALE: AS NOTED

FILE NO.: 66022.01 Y-

SHEET 40 OF 96

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DATE: 02/12				

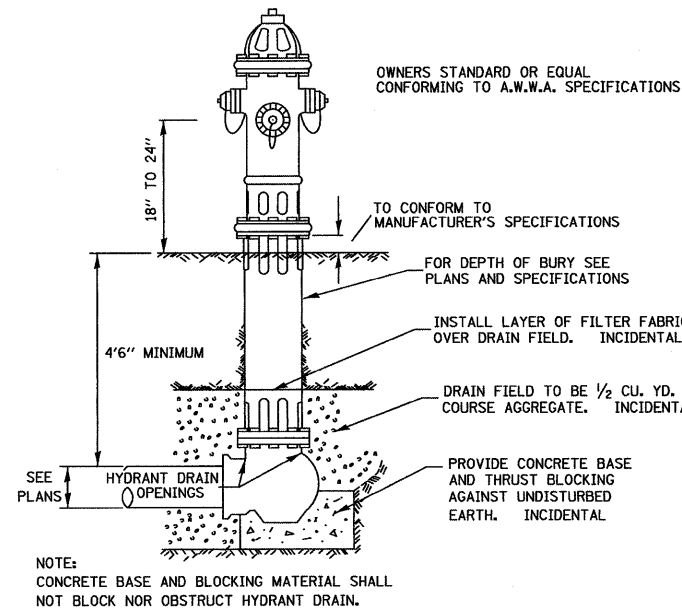


FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

WATER MAIN PROFILE

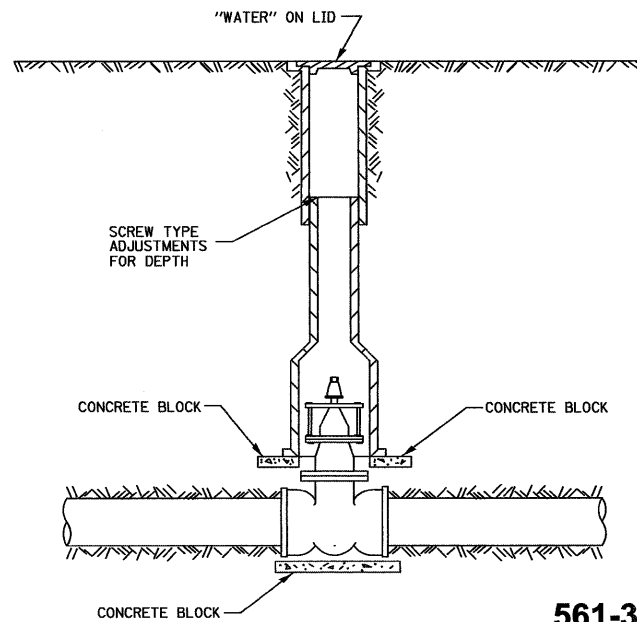
CONSTRUCTION PLANS

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 40A
FILE NO.: 66022.01 Y-	OF 96



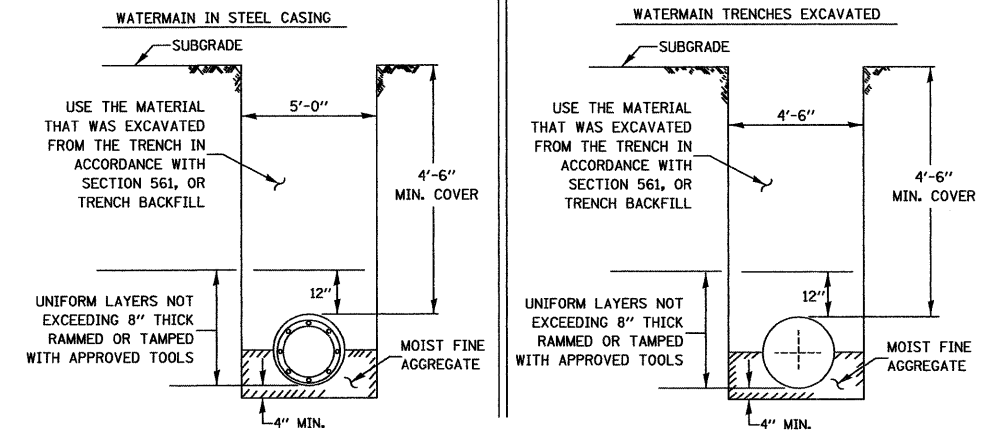
**TYPICAL HYDRANT INSTALLATION**

561-1



**TYPICAL VALVE BOX INSTALLATION**

561-3



GENERAL NOTES:

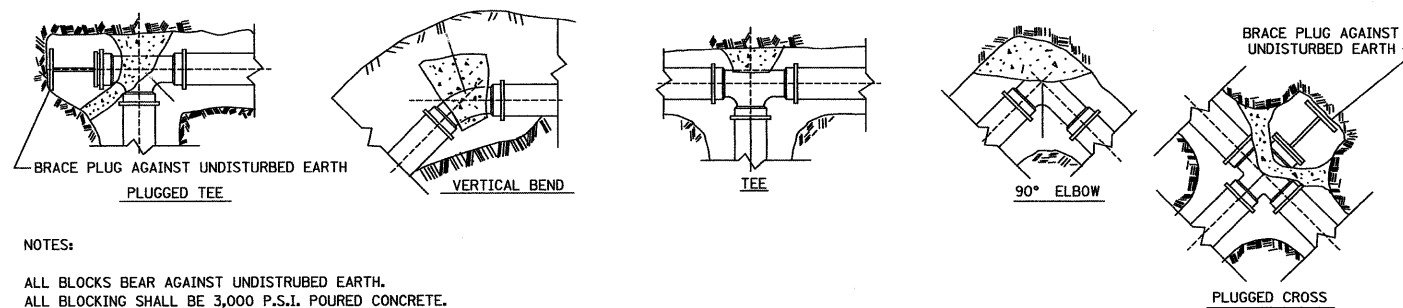
1. ANY SOFT OR SPONGY MATERIAL ENCOUNTERED BELOW THE ELEVATION OF THE PIPE SHALL BE REMOVED AND REPLACED WITH WELL COMPACTED MOIST FINE AGGREGATE.
2. ANY ROCK ENCOUNTERED IN THE TRENCH SHALL BE REMOVED TO A DEPTH OF AT LEAST 8 INCHES BELOW THE PIPE GRADE AND REPLACED WITH WELL COMPACTED MOIST FINE AGGREGATE.
3. THE SIDES OF THE TRENCH MAY BE SLOPED OR BENCHED ABOVE A 5 FT. TRENCH DEPTH OR ABOVE THE ELEVATION OR THE TOP OF PIPE, WHICHEVER IS GREATER, IN LIEU OF COMPLETE SHORING OR SHEETING OF THE FULL TRENCH DEPTH.

BACKFILL OPTIONS:

- METHOD 1: UNIFORM LAYERS NOT EXCEEDING 12" THICK RAMMED OR TAMPED WITH APPROVED TOOLS
- METHOD 2: UNIFORM LAYERS NOT EXCEEDING 12" THICK INUNDATED OR DEPOSITED IN WATER
- METHOD 3: FILL TRENCH WITH LOOSE MATERIAL THEN JET WITH WATER, 6 FT MINIMUM SPACING OF HOLES

**WATERMAIN INSTALLATION REQUIREMENTS**

561-4

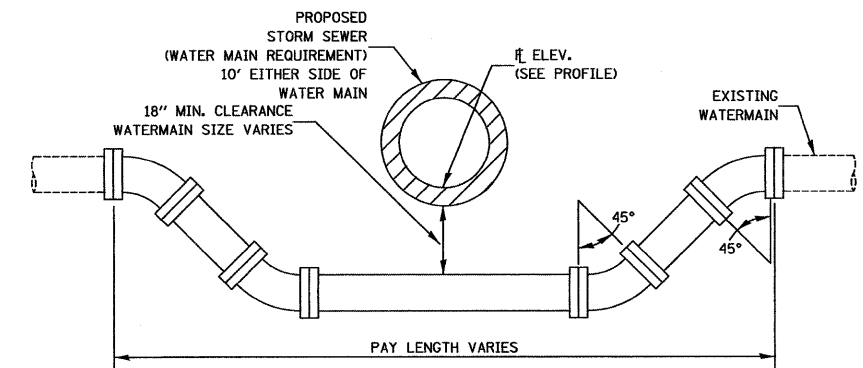


NOTES:

- ALL BLOCKS BEAR AGAINST UNDISTURBED EARTH.
- ALL BLOCKING SHALL BE 3,000 P.S.I. POURED CONCRETE.
- ARROWS INDICATE DIRECTION OF THRUST.
- ALL FITTINGS SHOWN IN PLAN EXCEPT VERTICAL BEND.

**TYPICAL THRUST BLOCK INSTALLATIONS**

561-5



**ADJUSTING WATERMAIN DETAIL**

561-7

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SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

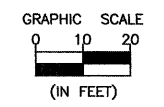
WATER MAIN PLANS

**CONSTRUCTION PLANS**

CONTRACT NO. 87520

CURRENT AS OF: 02/12	SHEET 41
SCALE: AS NOTED	OF 96
FILE NO.: 66022.01 Y-	

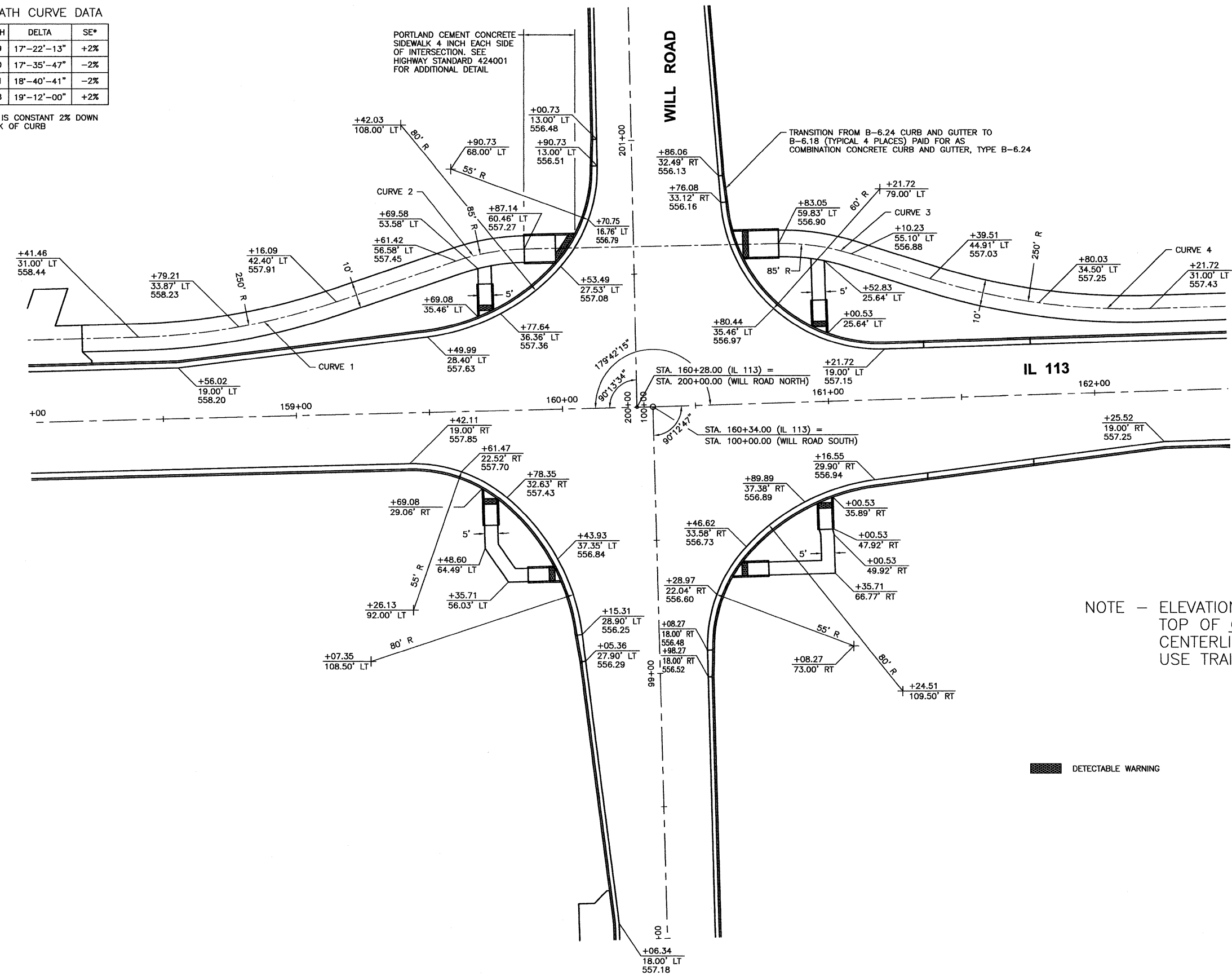




SHARED-USE PATH CURVE DATA

CURVE	RADIUS	LENGTH	DELTA	SE*
1	250	75.79	17°-22'-13"	+2%
2	85	26.10	17°-35'-47"	-2%
3	85	27.71	18°-40'-41"	-2%
4	250	83.78	19°-12'-00"	+2%

\* PATH CROSS SLOPE IS CONSTANT 2% DOWN FROM ROADWAY BACK OF CURB



NOTE - ELEVATIONS GIVEN ARE AT TOP OF GUTTER OR AT CENTERLINE OF SHARED USE TRAIL.

DETECTABLE WARNING

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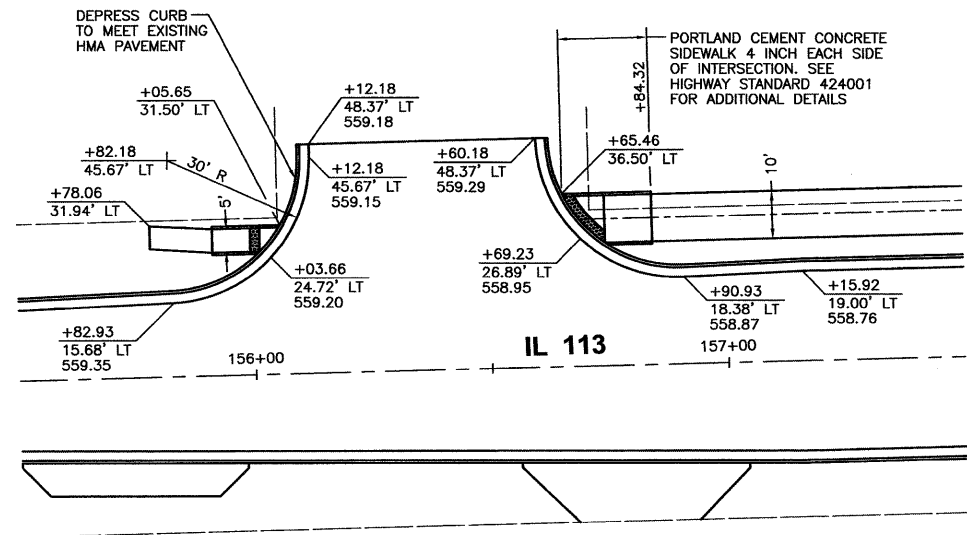
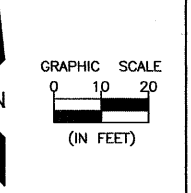
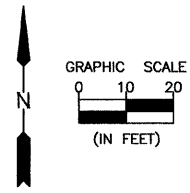
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CHECKED BY: JKC				
DATE: 02/12				

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FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

INTERSECTION DETAIL  
 IL 113 AND WILL ROAD

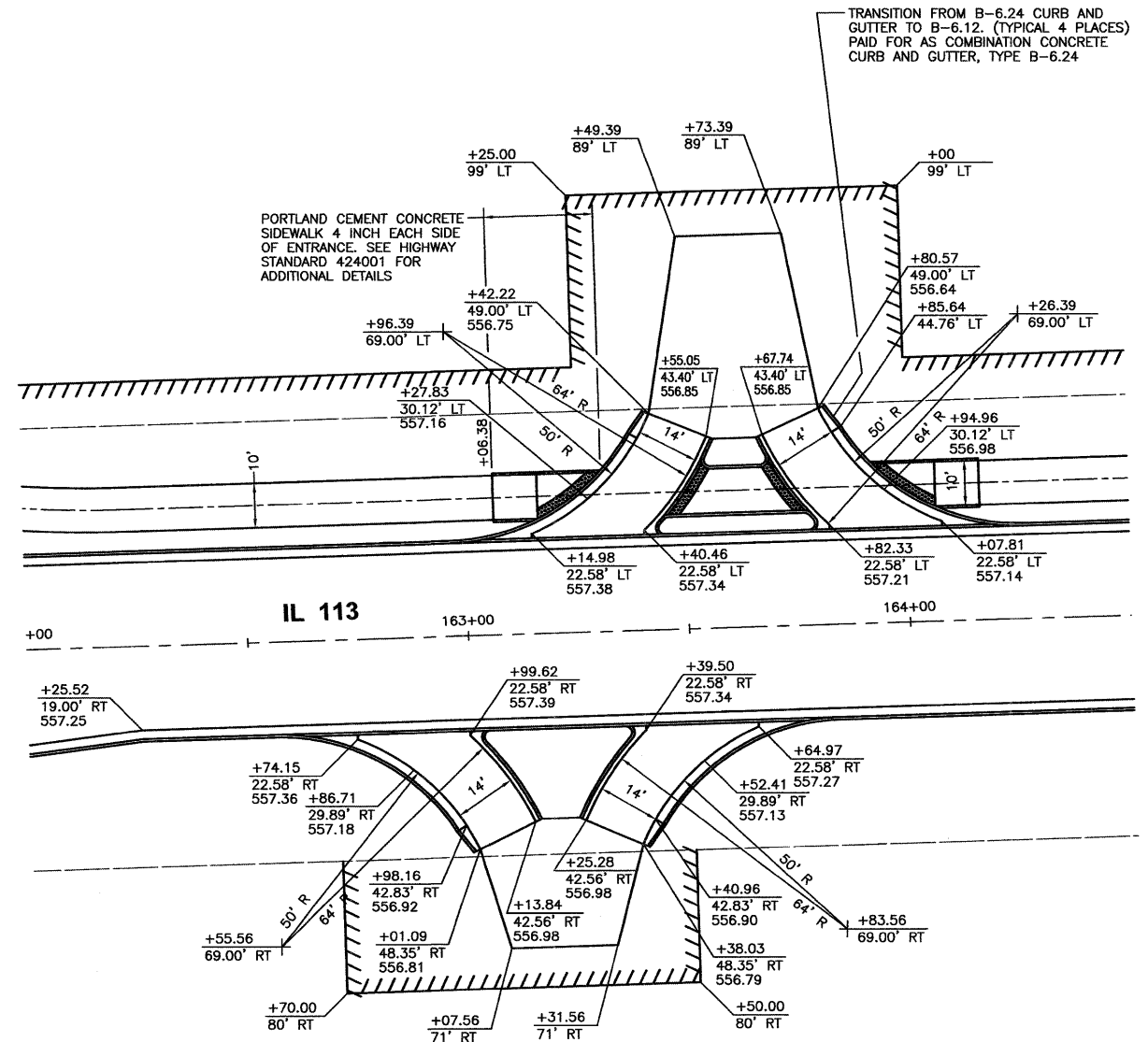
CONSTRUCTION PLANS	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	
	SCALE: AS NOTED	SHEET 42
	FILE NO.: 66022.01 Y-	OF 96



**IL 113 AND CURTIS STREET**

DETECTABLE WARNING

NOTE - ELEVATIONS GIVEN ARE AT TOP OF GUTTER OR AT CENTERLINE OF SHARED USE TRAIL.



**IL 113 AND COMMERCIAL ENTRANCES**

DETECTABLE WARNING

SEE SHEET 44 FOR ADDITIONAL DETAILS  
ENTRANCES SHALL BE PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH TO END OF CURB AND GUTTER, THEN AGGREGATE SURFACE COURSE TYPE B, 6"

NOTE - ELEVATIONS GIVEN ARE AT TOP OF GUTTER OR AT CENTERLINE OF SHARED USE TRAIL.

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Drawing Name: G:\Users\G\6022-01-Diamond-Will-Road-&-IL-113-Env-Survey\CAD\PLANS-EXTENDED\043-INTER-IL113-CURTIS.dwg Last Modified: Apr 10, 2012 - 9:28am Plotted on: Apr 10, 2012 - 9:43am by nancq

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SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

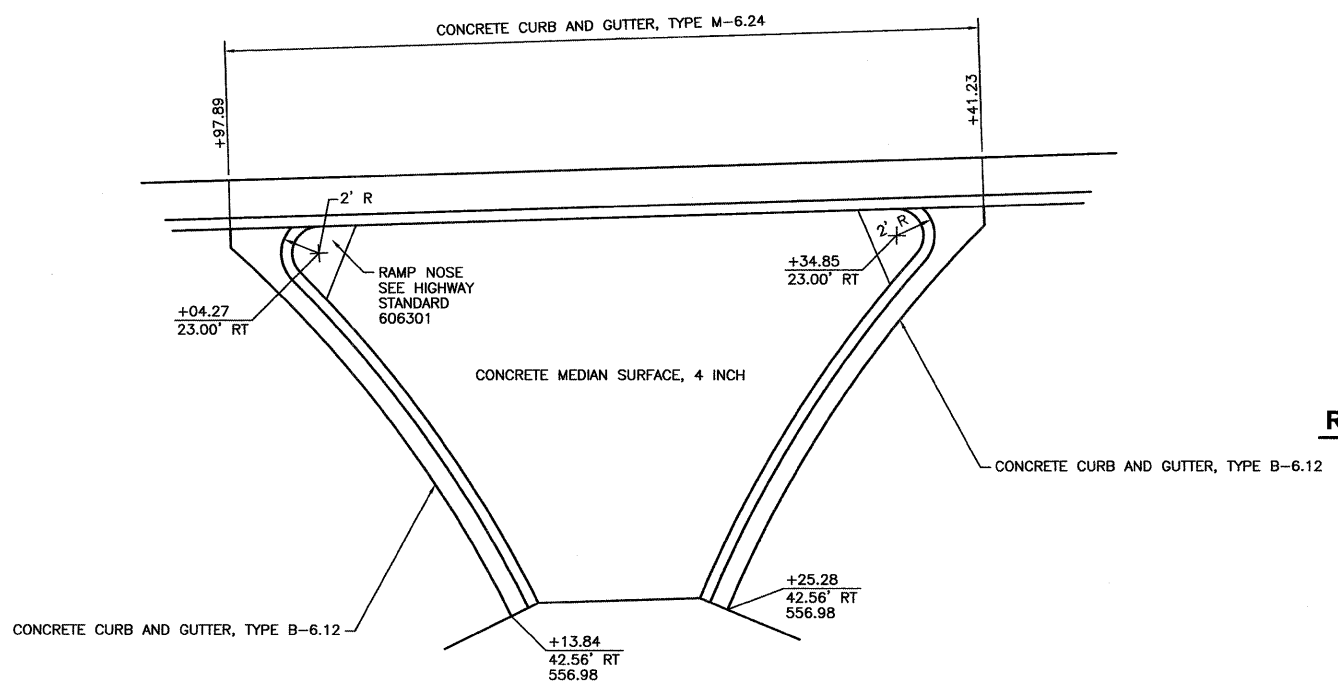
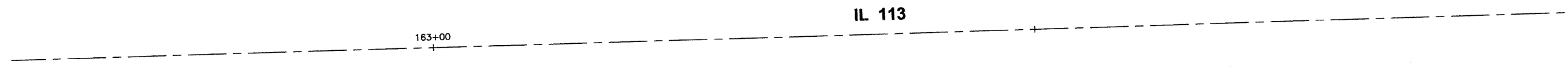
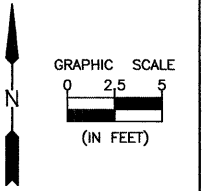
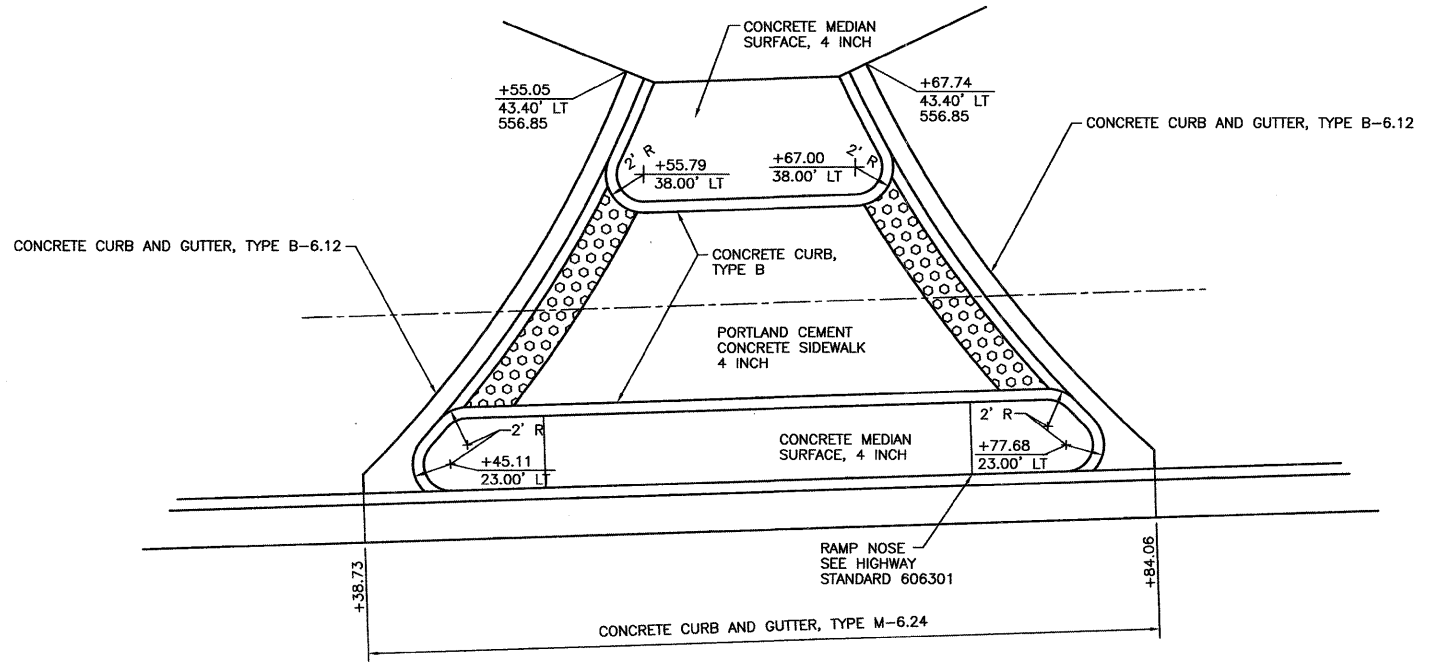
INTERSECTION DETAILS

**CONSTRUCTION PLANS**

CONTRACT NO. 87520

CURRENT AS OF: 02/12	SHEET 43
SCALE: AS NOTED	OF 96
FILE NO.: 66022.01 Y-	

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 Drawing Name: C:\Users\jmorris\OneDrive\Documents\113-Envr-Survey\Road-&-IL-113-Envr-Survey\CD\CD\PLANS-EXTENDED\04-INTER-ISLANDS.dwg Last Modified: Apr 10, 2012 - 9:30am Plotted on: Apr 10, 2012 - 9:46am by nancie



NOTE - ELEVATIONS GIVEN ARE AT TOP OF GUTTER



**RIGHT-IN / RIGHT-OUT ISLAND DETAILS**

CONTRACT NO. 87520

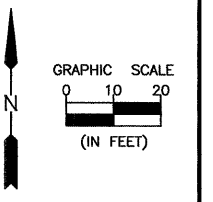
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DATE: 02/12					

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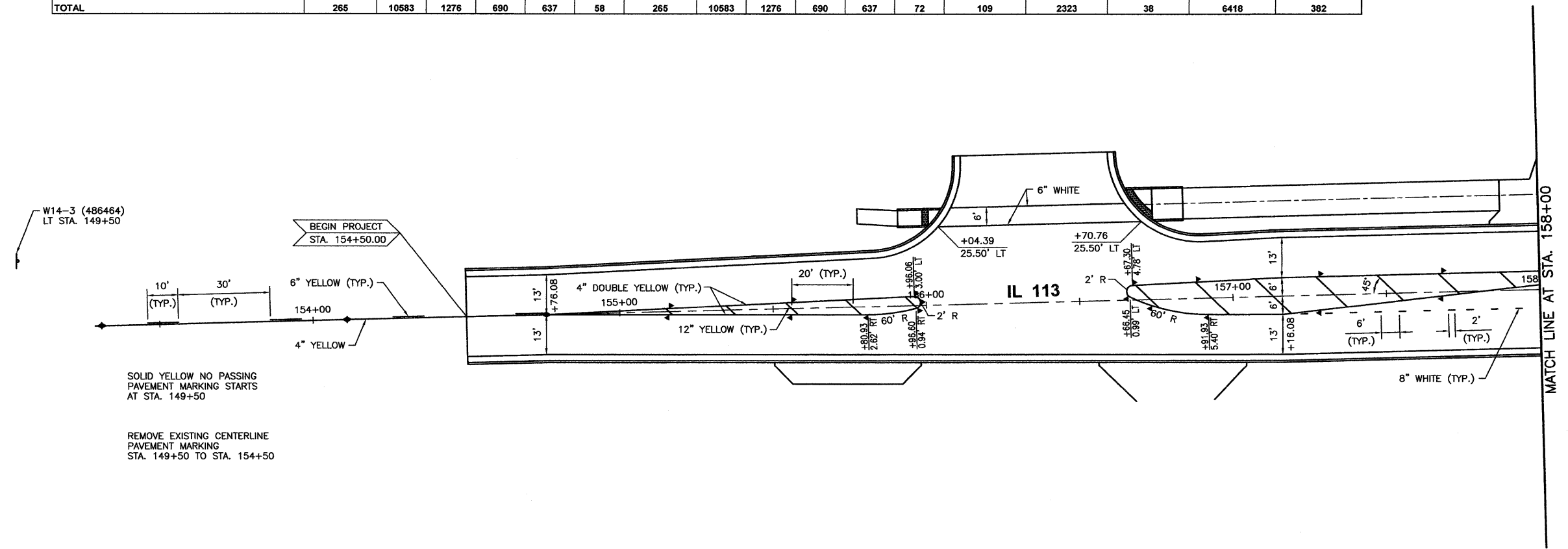
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 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

INTERSECTION DETAILS

<b>CONSTRUCTION PLANS</b>	CURRENT AS OF: 02/12	
	SCALE: AS NOTED	SHEET 44
	FILE NO.: 66022.01 Y-	OF 96



PAVEMENT MARKING SCHEDULE																	
LOCATION	TEMPORARY PAVEMENT MARKING						THERMOPLASTIC PAVEMENT MARKING						RAISED REFLECTIVE PAVEMENT MARKERS EACH	SHORT TERM PAVEMENT MARKING FOOT	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL EACH	WORK ZONE PAV'T MARKING REM. SQ. FT.	PAVEMENT MARKING REMOVAL SQ. FT.
	LETTERS & SYMBOLS SQ. FT.	LINE 4" FOOT	LINE 6" FOOT	LINE 8" FOOT	LINE 12" FOOT	LINE 24" FOOT	LETTERS & SYMBOLS SQ. FT.	LINE 4" FOOT	LINE 6" FOOT	LINE 8" FOOT	LINE 12" FOOT	LINE 24" FOOT					
<b>MAINLINE</b>																	
STA. 149+50 TO STA. 160+34	31.2	1966	377	149	239	—	31.2	1966	377	149	239	—	35	598	14	1413	60
STA. 160+34 TO STA. 167+50	109.2	1729	237	237	202	—	109.2	1729	237	237	202	—	37	909	9	1467	—
STA. 167+50 TO STA. 179+33.34	62.4	3780	290	—	120	—	62.4	3780	290	—	120	—	37	816	15	1859	322
<b>SIDE STREETS</b>																	
WILL ROAD - SOUTH	31.2	2195	254	163	36	29	31.2	2195	254	163	36	29	—	—	—	1093	—
WILL ROAD - NORTH	31.2	913	118	141	40	29	31.2	913	118	141	40	29	—	—	—	587	—
COMMERCIAL ENTRANCE RT STA. 163+00	—	—	—	—	—	—	—	—	—	—	—	14	—	—	—	—	—
<b>TOTAL</b>	<b>265</b>	<b>10583</b>	<b>1276</b>	<b>690</b>	<b>637</b>	<b>58</b>	<b>265</b>	<b>10583</b>	<b>1276</b>	<b>690</b>	<b>637</b>	<b>72</b>	<b>109</b>	<b>2323</b>	<b>38</b>	<b>6418</b>	<b>382</b>



SOLID YELLOW NO PASSING PAVEMENT MARKING STARTS AT STA. 149+50

REMOVE EXISTING CENTERLINE PAVEMENT MARKING STA. 149+50 TO STA. 154+50

- LEGEND**
- ▶ ONE-WAY AMBER MARKER
  - ▶ ONE-WAY CRYSTAL MARKER
  - ◆ TWO-WAY AMBER MARKER
  - ▲ TRAFFIC SIGN
- SEE HIGHWAY STANDARD 781001

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DATE: 02/12				

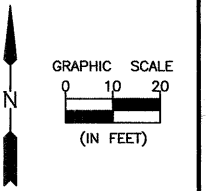
**CHAMLIN & ASSOCIATES**  
PERU MORRIS ILLINOIS

FAS 301 / FAU 383  
SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

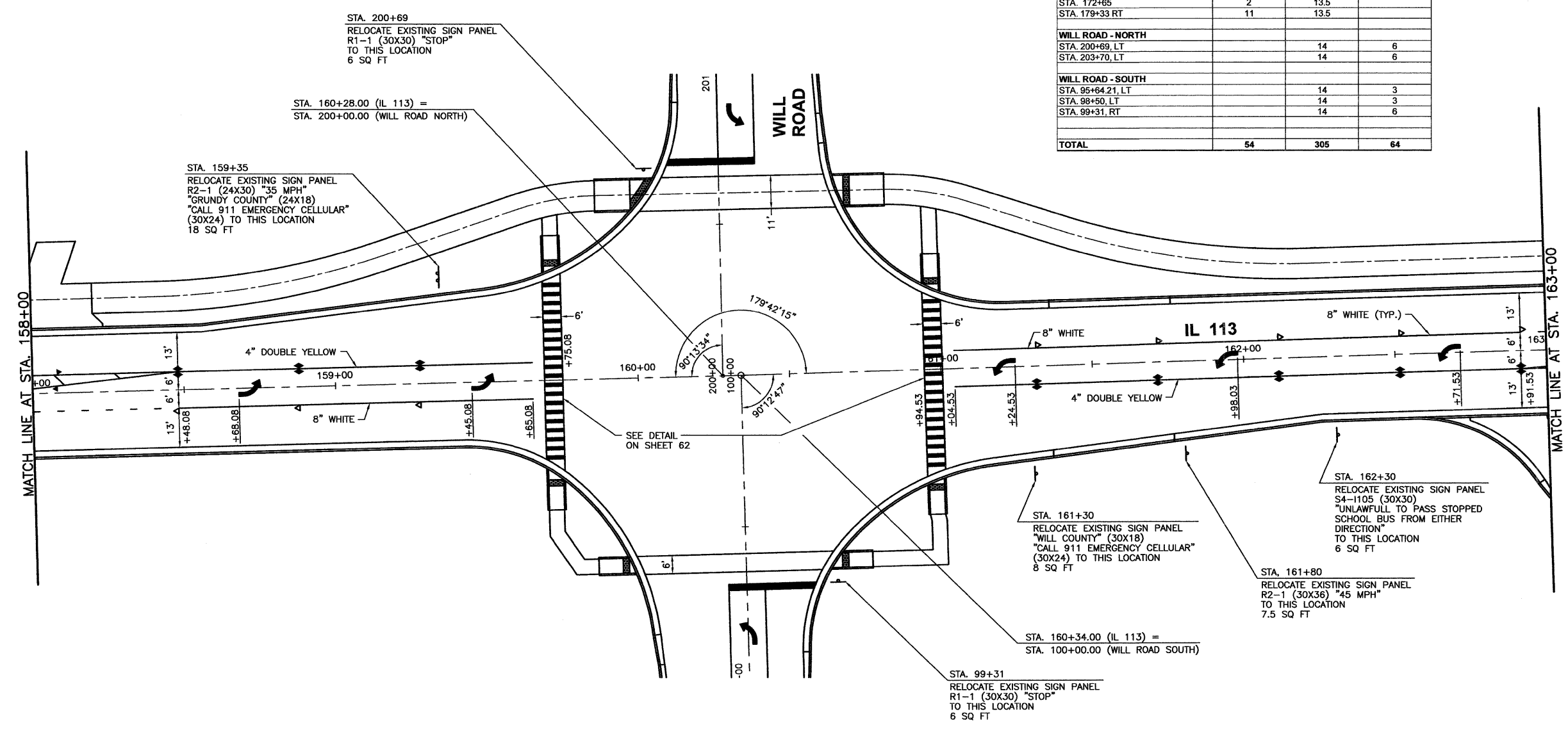
PAVEMENT MARKING AND SIGN PLANS - IL 113  
STA. 154+00 TO STA. 158+00

**CONSTRUCTION PLANS**

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 45
FILE NO.: 66022.01 Y-	OF 96



SIGN SCHEDULE			
LOCATION	SIGN PANEL - TYPE 1 SQ. FT.	WOOD SIGN SUPPORT FOOT	RELOCATE SIGN PANEL - TYPE 1 SQ. FT.
<b>MAINLINE</b>			
STA. 149+50 LT	11	13.5	
STA. 159+35, LT		15	18
STA. 161+30, RT		15	8
STA. 161+80, RT		14	7.5
STA. 162+30, RT		14	6
STA. 163+20, RT	6	14	
STA. 163+46, LT	6	14	
STA. 168+70, LT & RT	18	108	
STA. 172+65	2	13.5	
STA. 179+33 RT	11	13.5	
<b>WILL ROAD - NORTH</b>			
STA. 200+69, LT		14	6
STA. 203+70, LT		14	6
<b>WILL ROAD - SOUTH</b>			
STA. 95+64.21, LT		14	3
STA. 98+50, LT		14	3
STA. 99+31, RT		14	6
<b>TOTAL</b>	<b>54</b>	<b>305</b>	<b>64</b>



- LEGEND**
- ▶ ONE-WAY AMBER MARKER
  - ▶ ONE-WAY CRYSTAL MARKER
  - ◆ TWO-WAY AMBER MARKER
  - TRAFFIC SIGN
- SEE HIGHWAY STANDARD 781001

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 Plot Date: 02/12/12  
 Plot Time: 4:37pm by: nmcq

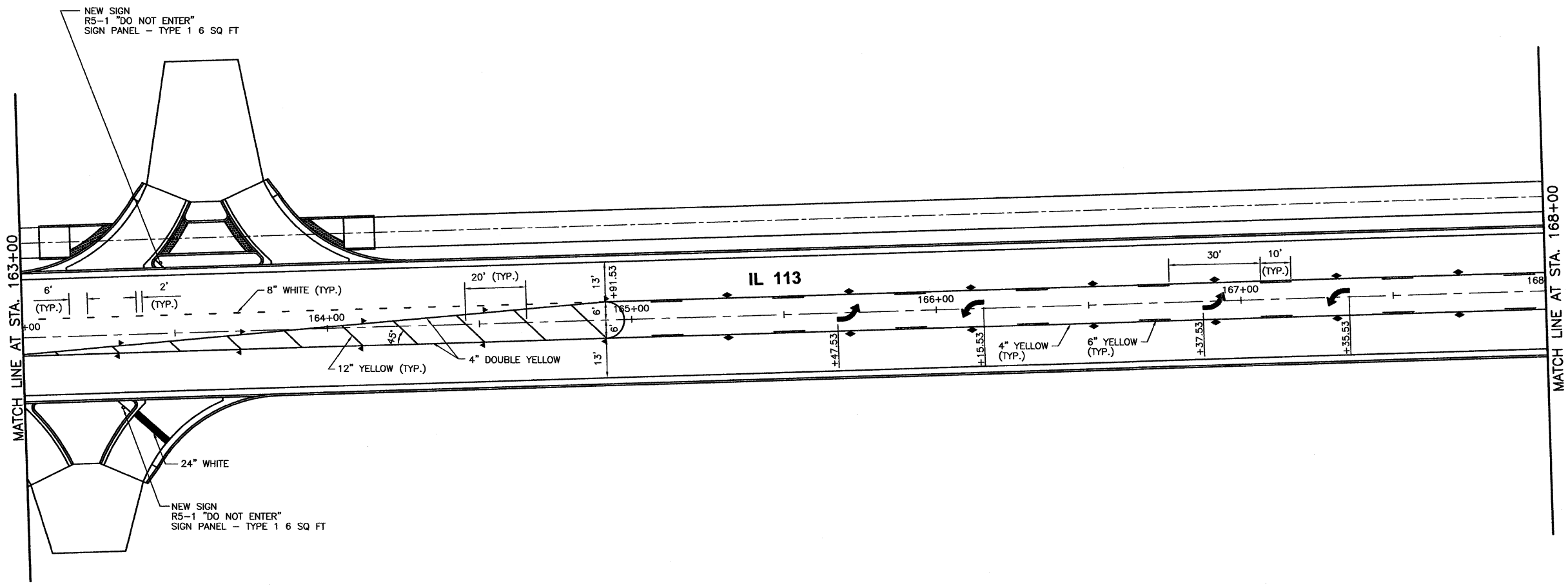
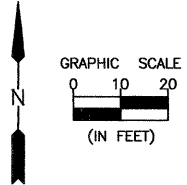
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PERU MORRIS  
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FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

PAVEMENT MARKING AND SIGN PLANS - IL 113  
 STA. 158+00 TO STA. 163+00

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	
	SCALE: AS NOTED	SHEET 46
	FILE NO.: 68022.01 Y-	OF 96



**LEGEND**

- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER
- ▲ TRAFFIC SIGN

SEE HIGHWAY STANDARD 781001

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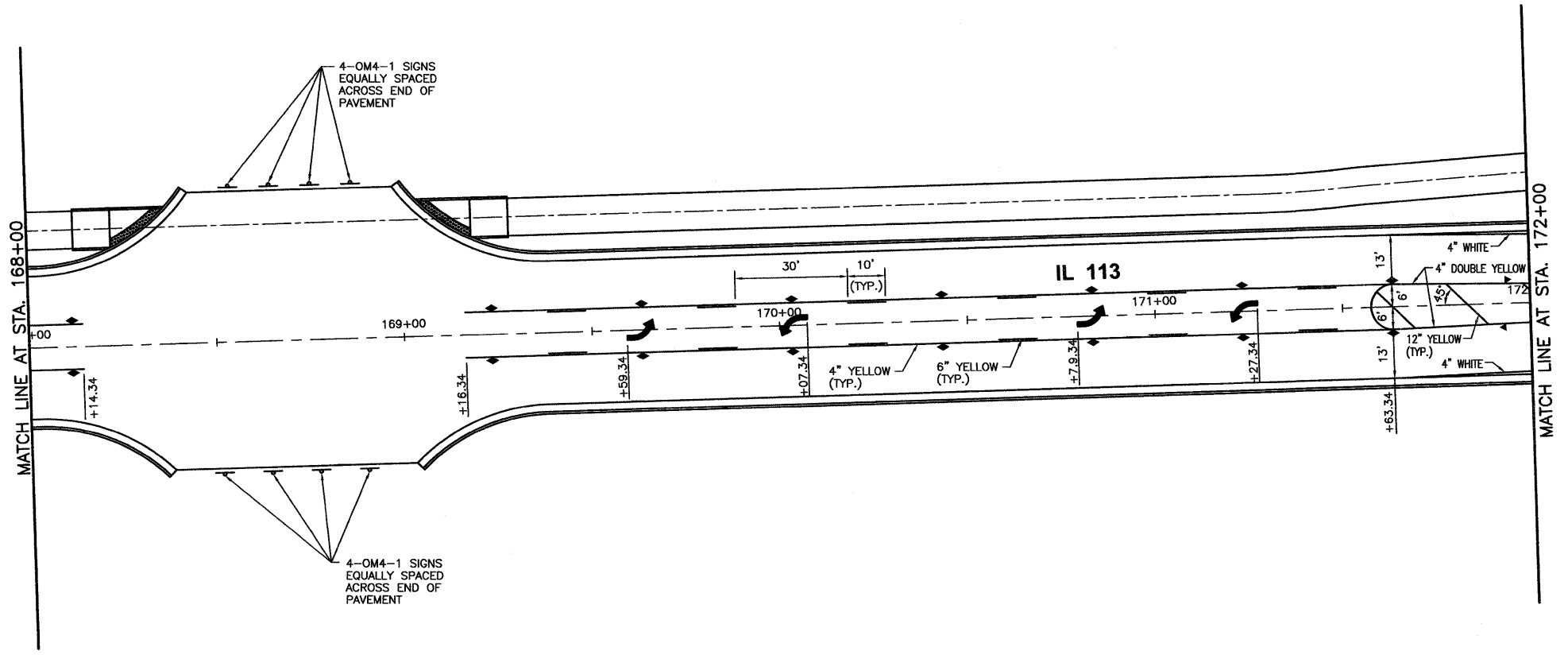
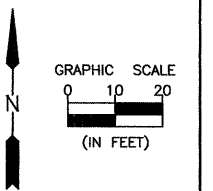


FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

PAVEMENT MARKING AND SIGN PLANS - IL 113  
 STA. 163+00 TO STA. 168+00

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	SHEET 47
	SCALE: AS NOTED	OF 96





**LEGEND**

- ▶ ONE-WAY AMBER MARKER
  - ▷ ONE-WAY CRYSTAL MARKER
  - ◆ TWO-WAY AMBER MARKER
  - TRAFFIC SIGN
- SEE HIGHWAY STANDARD 781001

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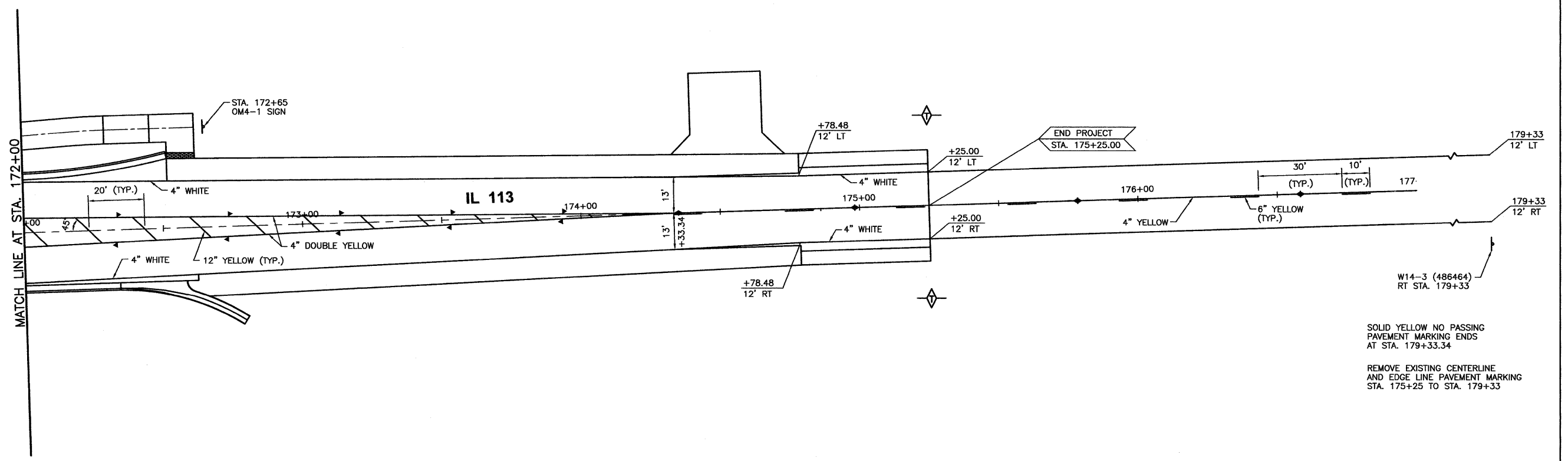
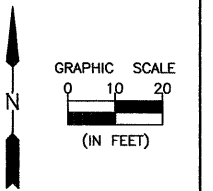


FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

PAVEMENT MARKING AND SIGN PLANS - IL 113  
 STA. 168+00 TO STA. 172+00

**CONSTRUCTION PLANS**

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
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FILE NO.: 66022.01 Y-	OF 96



SOLID YELLOW NO PASSING  
PAVEMENT MARKING ENDS  
AT STA. 179+33.34

REMOVE EXISTING CENTERLINE  
AND EDGE LINE PAVEMENT MARKING  
STA. 175+25 TO STA. 179+33

**LEGEND**

- ▶ ONE-WAY AMBER MARKER
  - ▷ ONE-WAY CRYSTAL MARKER
  - ◆ TWO-WAY AMBER MARKER
  - TRAFFIC SIGN
- SEE HIGHWAY STANDARD 781001

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DATE: 02/12				

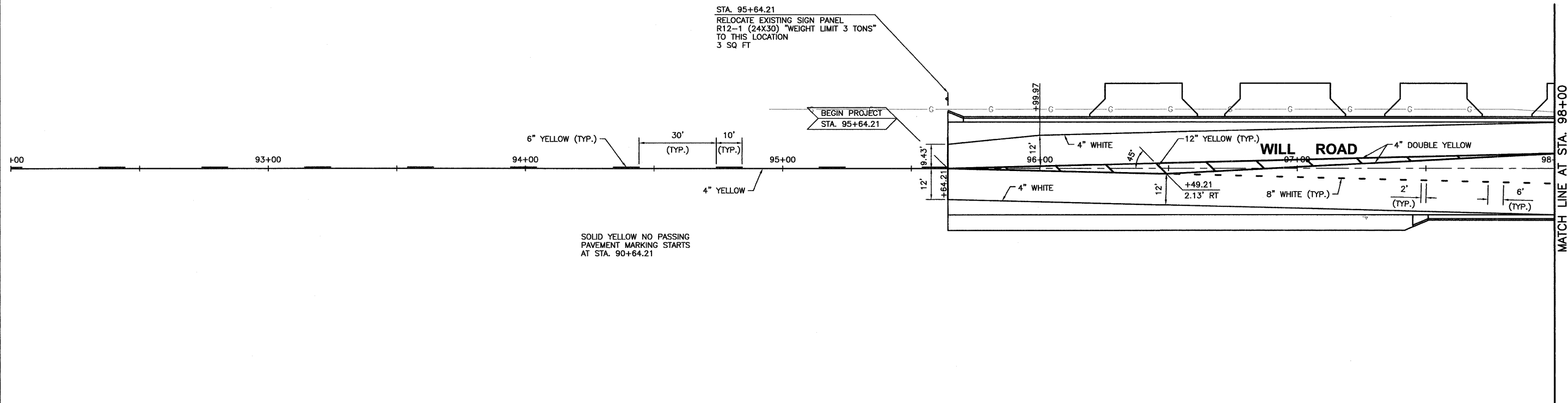
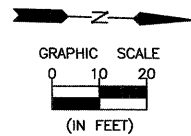

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FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

PAVEMENT MARKING AND SIGN PLANS - IL 113  
 STA. 172+00 TO STA. 177+00

**CONSTRUCTION PLANS**

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
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FILE NO.: 66022.01 Y-	OF 96



**LEGEND**

TRAFFIC SIGN

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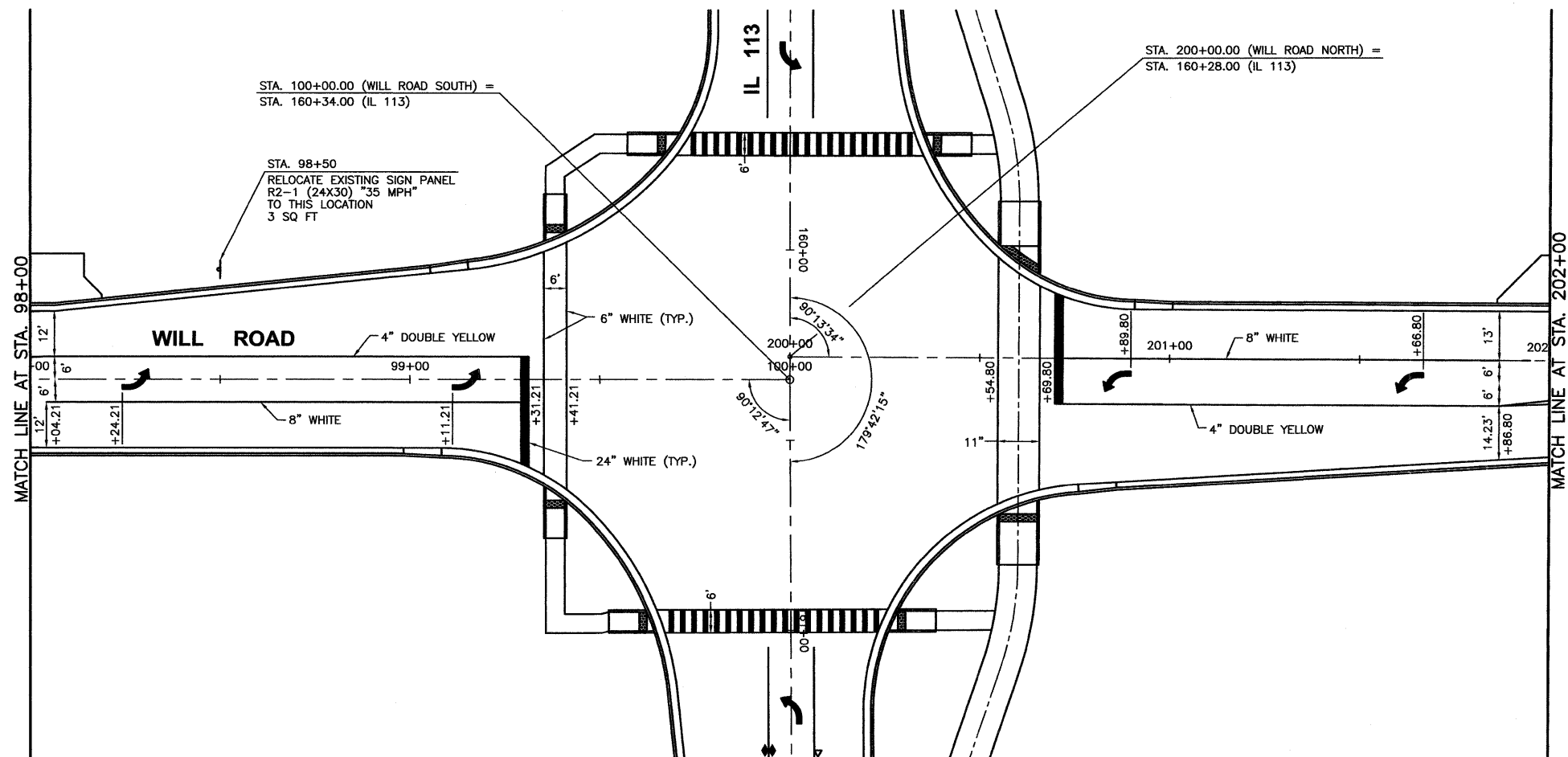
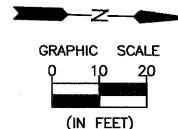
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FAS 301 / FAU 383  
SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

PAVEMENT MARKING AND SIGN PLANS - WILL ROAD  
STA. 92+00 TO STA. 98+00

**CONSTRUCTION PLANS**

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 50
FILE NO.: 66022.01 Y-	OF 96



**LEGEND**

—▲— TRAFFIC SIGN

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DATE: 02/12				


**CHAMLIN & ASSOCIATES**  
 PERU MORRIS ILLINOIS

FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

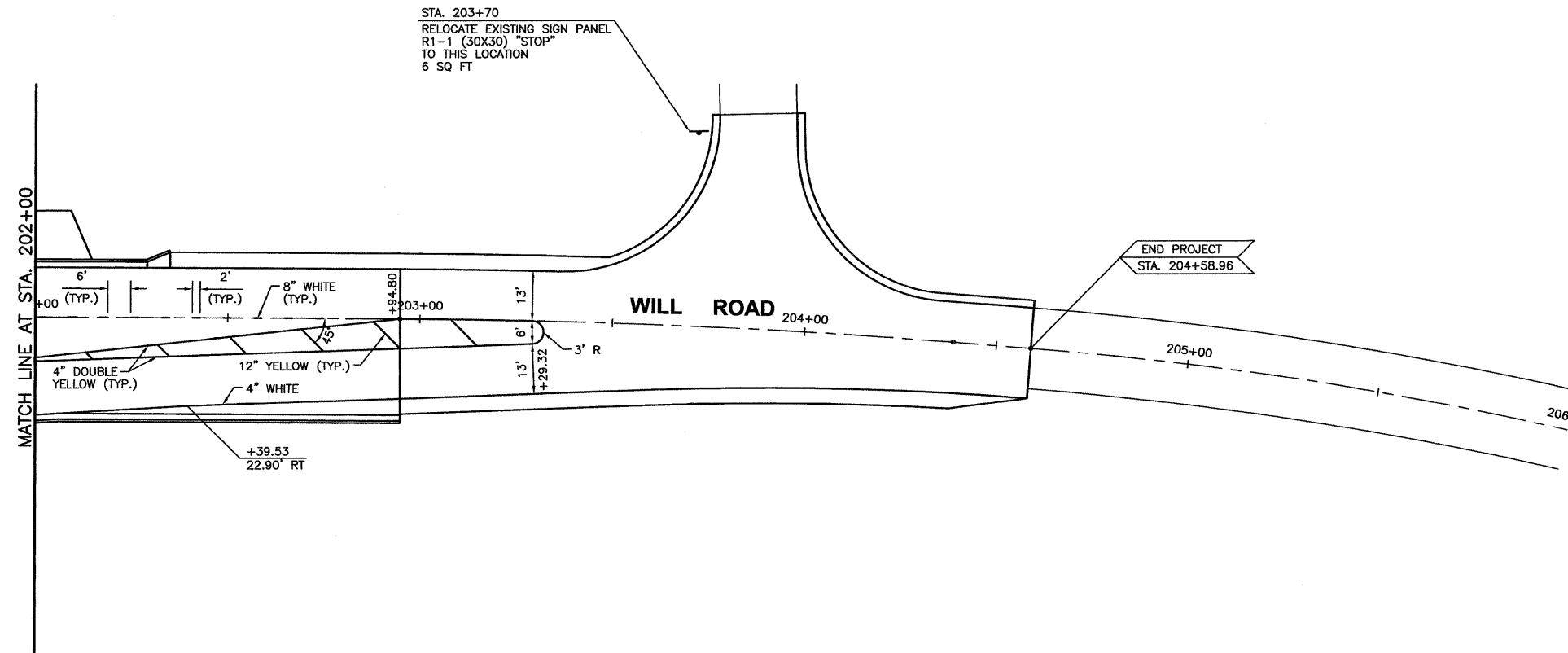
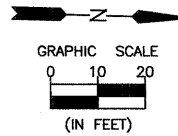
PAVEMENT MARKING AND SIGN PLANS - WILL ROAD  
 STA. 98+00 TO STA. 202+00

**CONSTRUCTION PLANS**

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 51
FILE NO.: 66022.01 Y-	OF 96

CURVE 1  
 PC STA 202+94.80  
 PT STA 204+38.71  
 $\Delta = 04^{\circ}16'41''$   
 R = 1927.36'  
 T = 71.99'  
 L = 143.91'  
 CHORD  
 S 00^{\circ}53'55" W  
 143.88'

CURVE 2  
 PC STA 204+58.96  
 PT STA 206+86.24  
 $\Delta = 13^{\circ}18'09''$   
 R = 978.95'  
 T = 114.15'  
 L = 227.28'  
 CHORD  
 S 09^{\circ}41'20" W  
 226.77'



**LEGEND**

—▲— TRAFFIC SIGN

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 Drawing Name: G:\Users\GJ\Documents\Will-Road-IL-113-Enr-Survey\CAD\PLANS-EXTENDED\02-Plan-202-206.dwg, Last Modified: Feb 03, 2012 - 10:31am, Plotted on: Mar 28, 2012 - 11:44pm by nambiq

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 PERU MORRIS ILLINOIS

FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

PAVEMENT MARKING AND SIGN PLANS - WILL ROAD  
 STA. 202+00 TO STA. 206+00

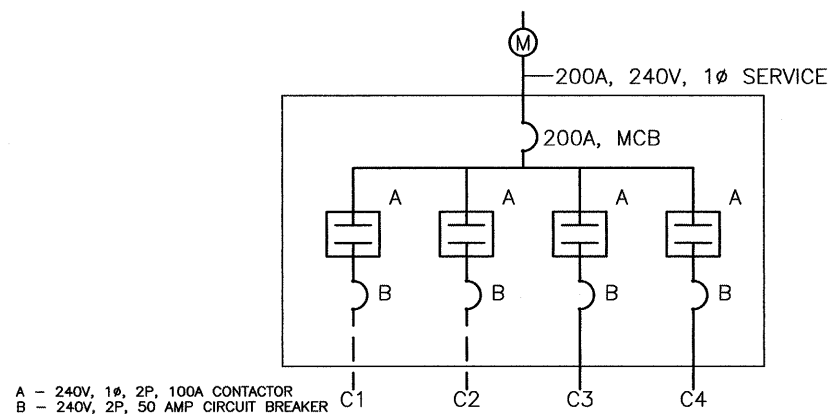
<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	
	SCALE: AS NOTED	SHEET 52
	FILE NO.: 66022.01 Y-	OF 96

GENERAL NOTES

- CONTRACTOR SHALL CONSTRUCT NEW LIGHT POLE FOUNDATIONS, SPECIAL AT THE LOCATIONS SHOWN ON SHEET 55, RELOCATE EXISTING LIGHTING UNITS AND CONTROLLER, AND REMOVE EXISTING LIGHT POLE FOUNDATIONS.
- THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION (J.U.L.I.E. 800/892-0123).
- A 1/4" DIAMETER CONTINUOUS NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS AS INCIDENTAL TO THE RESPECTIVE CONDUIT PAY ITEM.
- NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FEET MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES, AS NECESSARY, INCIDENTAL TO THE CONDUIT PAY ITEM.
- ALL UNDERGROUND CONDUIT SHALL HAVE A MINIMUM COVER OF 2'-6".
- ANY DAMAGE SUSTAINED TO THE EXISTING LIGHTING SYSTEM, INCLUDING LIGHT POLES, LUMINAIRES, CONTROLLERS, CONDUIT, AND ELECTRICAL CABLE, SHALL BE REPAIRED IN KIND AT THE SOLE EXPENSE OF THE CONTRACTOR.
- CONTRACTOR SHALL INSTALL LIGHT POLES AT THE LOCATIONS INDICATED ON THE PLANS, MAINTAINING ADEQUATE CLEARANCE FROM UTILITY LINES. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY CLEARANCES PER THE NATIONAL SAFETY CODE AND/OR THE REQUIREMENTS OF THE UTILITY COMPANY. THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE SHOWN FOR INFORMATION ONLY. REROUTING, DISCONNECTIN, RELOCATING, PROTECTING, ETC. ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITES PRIOR TO CONSTRUCTION.
- INSTALL LUMINAIRES PERPENDICULAR TO THE CENTERLINE OF THE ROADWAY AS REQUIRED BY ARTICLE 821.04 OF THE STANDARD SPECIFICATIONS.
- ALL CONDUIT UNDER THE ROADWAY SHALL BE PVC SCHEDULE 80.
- EXISTING LIGHT POLE NUMBERS ARE BASED ON THE AS-BUILT PLANS.

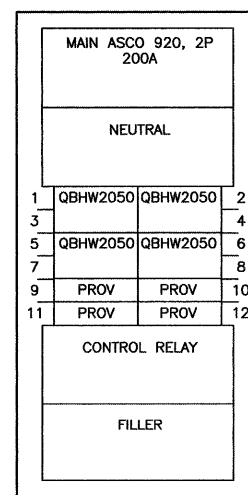
LOCATION*	LIGHTING QUANTITIES											
	LIGHT NUMBER	LIGHT NUMBER OR CONTROLLER (CONT.)	81028350 UNDERGROUND CONDUIT, PVC, 2" DIA.	81702120 ELECTRIC CABLE IN CONDUIT (XLP-TYPE USE) 1/C NO. 8	81702140 ELECTRIC CABLE IN CONDUIT (XLP-TYPE USE) 1/C NO. 4	84200804 REMOVAL OF POLE FOUNDATION	84400105 RELOCATE EXISTING LIGHTING UNIT	8450010 REMOVAL OF LIGHTING CONTROLLER FOUNDATION	X8380110 LIGHT POLE FOUNDATION, SPECIAL	X8660077 REMOVE AND RELOCATE EXISTING CONTROLLER	XX007393 DECORATIVE LIGHT TYPE A	
	FROM	TO	FOOT	FOOT	FOOT	EACH	EACH	EACH	FOOT	EACH	EACH	
	34	35	132	282	282	-	-	-	-	-	-	
	35	36	137	286	286	-	-	-	-	-	-	
	36	37	152	316	316	-	-	-	-	-	-	
	37	38	131	274	274	-	-	-	-	-	-	
	38	CONT.	73	158	158	-	-	-	-	-	-	
	71	72	136	290	290	-	-	-	-	-	-	
	72	73	135	282	282	-	-	-	-	-	-	
	73	74	146	304	304	-	-	-	-	-	-	
	74	75	140	292	292	-	-	-	-	-	-	
	75	CONT.	161	334	334	-	-	-	-	-	-	
	75	76	74	160	160	-	-	-	-	-	-	
	CONT.	77	127	266	266	-	-	-	-	-	-	
	77	78	85	182	182	-	-	-	-	-	-	
STA. 155+18, 19.6' RT	72	-	-	-	-	1	1	-	5	-	-	
STA. 155+82, 21.2' LT	35	-	-	-	-	1	1	-	5	-	-	
STA. 156+46, 22.8' RT	73	-	-	-	-	1	1	-	5	-	-	
STA. 157+12, 39.5' LT	36	-	-	-	-	1	1	-	5	-	-	
STA. 157+86, 24.6' RT	74	-	-	-	-	1	1	-	5	-	-	
STA. 158+58, 40.1' LT	37	-	-	-	-	1	1	-	5	-	-	
STA. 159+20, 24.6' RT	75	-	-	-	-	1	1	-	5	-	-	
STA. 159+83, 46.1' LT	38	-	-	-	-	1	1	-	5	-	-	
STA. 159+84.5, 47.2' RT	76	-	-	-	-	-	-	-	5	-	1	
STA. 160+89, 35.5' LT	77	-	-	-	-	-	-	-	5	-	1	
STA. 160+90, 43.6' RT	78	-	-	-	-	-	-	-	5	-	1	
STA. 159+94, 111.6' LT	CONT.	-	-	-	-	-	-	1	-	1	-	
			<b>TOTAL</b>	<b>1629</b>	<b>3426</b>	<b>3426</b>	<b>8</b>	<b>8</b>	<b>1</b>	<b>55</b>	<b>1</b>	<b>3</b>

\* - OFFSETS GIVEN ARE TO NEW LOCATIONS  
CONT. = CONTROLLER



LIGHTING CONTROL PANEL NO. 4  
CIRCUIT NO. 1 : LIGHTS 34-38  
CIRCUIT NO. 2 : LIGHTS 71-76  
CIRCUIT NO. 3 : LIGHTS 77-78

CONTROL PANEL SCHEMATIC



EXISTING LIGHTING CONTROL PANEL

EXISTING LIGHTING APPURTENANCES ELECTRICAL NOTES

- Service Voltage: 120/240V 1Ph 3W Enclosure: NEMA 4  
Bus Rating & Type: 250A Copper  
Ground Bar: Std. Bolted Copper, Cu cable only  
S.C. Rating: 22k A.I.C. Fully Rated
- Main Device Type: Main ASCO, Top Cable Entry - UL Rated  
Main Terminals: Mechanical - (1) #6-350 kcmil (Cu/Al)  
Neutral Terminals: Mechanical - (1) #6-350 kcmil (Cu/Al)  
Box Catalog No.: N42472  
Trim: Complete Enclosure (Included)  
Surface Mounted
- Box Dimensions: 72" H x 24" W x 6" D  
Min. Gutter Size: Top = 5.5" Bottom = 5.5"  
Left = 4" Right = 4"
- Panel ID Nameplate: (1) s-2  
Type: Plastic, adhesive-backed (2)  
Color: Black with White Letters (3)
- Additional Panel Features and Modifications:  
Copper Neutral  
Trim Lock: Padlockable Hasps  
Circuit Directory: Plastic Sleeve with Card  
ASCO Control Relay: 2-Wire Control Relay  
ASCO Control Relay Control Power: Internal 120Vac
- Meter Base: 200 AMP - 4 Terminal - Meter Main Pedestal - 1Ph  
Milbank Cat. No.: UB980-0-KK-LP, Horn Type Bypass  
4/0 AWG Line Conn. (CU/AL), Low Profile W/ 2 Pole Plug in  
Circuit Breakers - Cat. No. WBJ 2200
- Electronic Time Switches: Intermatic Model No. ET70115CR
- Electrical Conductors: 2 - #4 AWG - THWN  
2 - #8 AWG - THWN
- Breakaway In-Line Fuse Kits: Dual In-Line Phased Fuse Breakaway D65  
Dual In-Line Phased Neutral Fused Breakaway D65 PN
- Street Lighting Kit: Innovative Power Products SLK Series Cat. No. SLK02
- Electrical Conduit: PVC - Schedule 40 - 1"
- Electrical Junction Boxes:  
W/Light Standard Concrete Bases - Hoffman A-12R126 NEMA 3R Enclosure  
W/O Light Standard Bases - Hoffman Box - PC1212BA12, Cover - PC12120A17

CONTRACT NO. 87520

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FAS 301/FAU 383  
SECTION 11-0007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

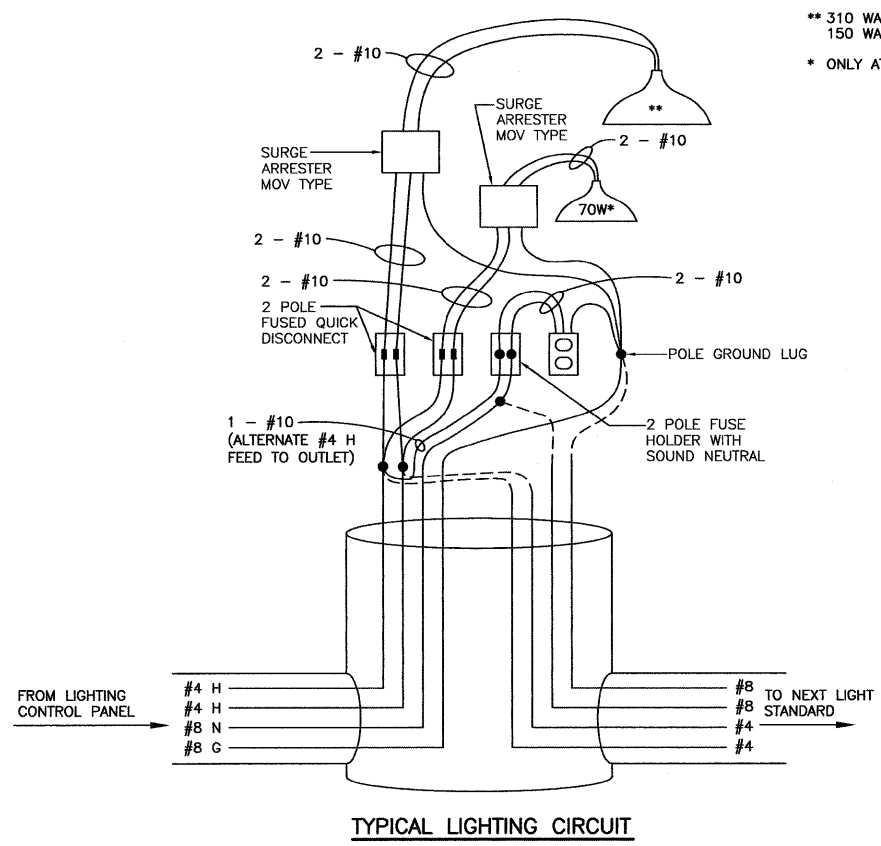
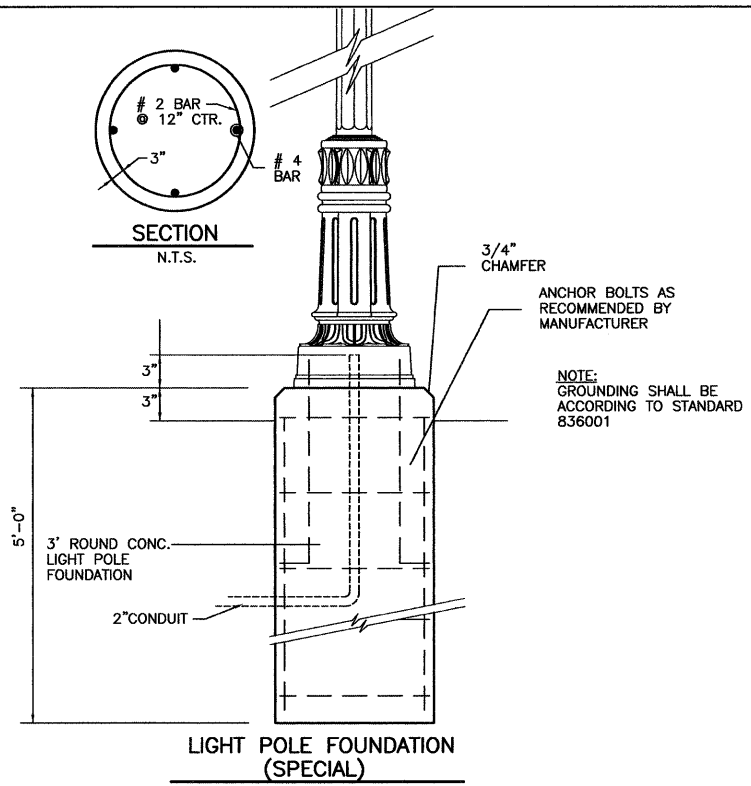
LIGHTING DETAILS

**CONSTRUCTION PLANS**

CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 53
FILE NO.: 66022.01 Y-	OF 96

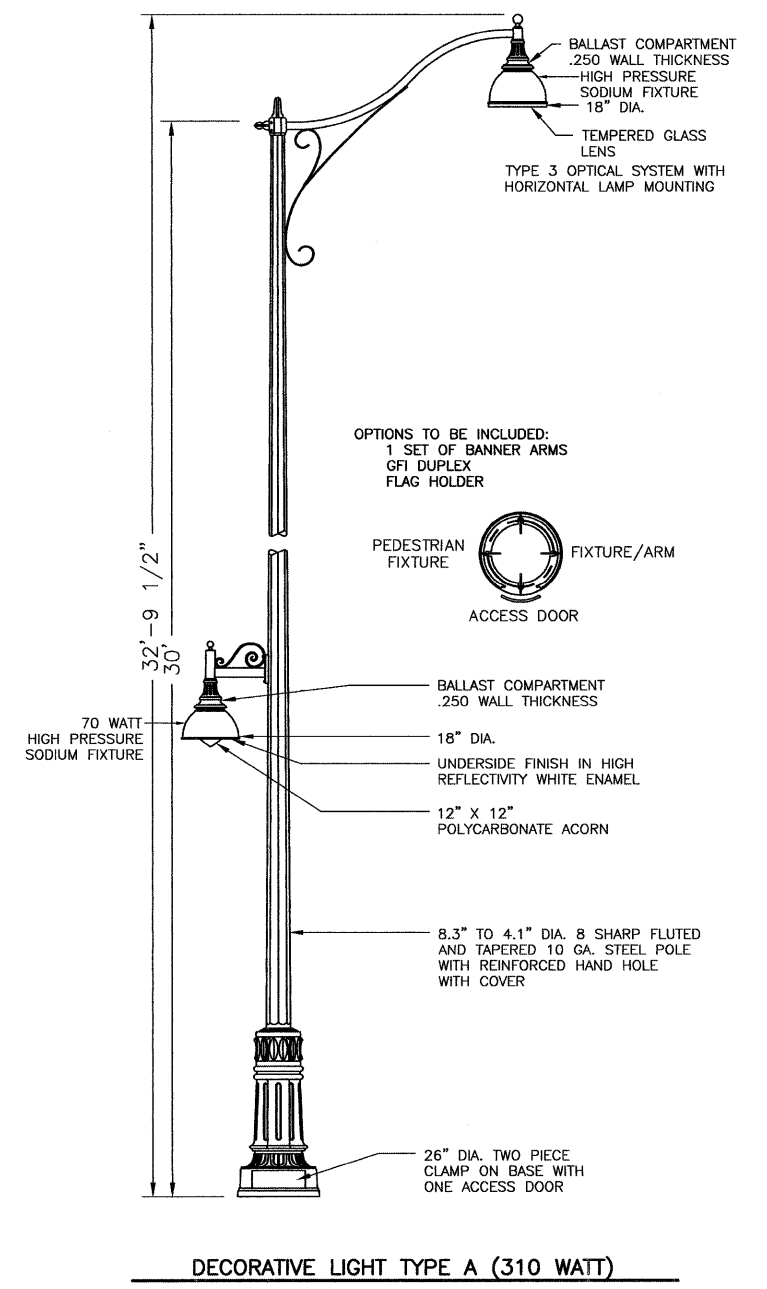


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\*\* 310 WATT AT POLES 35, 36, 38, 73, 76, 77 & 78  
 150 WATT AT POLES 34, 37, 72, 74, & 75  
 \* ONLY AT POLES 34, 35, 36, 37, 38, 76, 77 & 78

POLE LOADING STATEMENT:  
 UNITS SHALL BE MANUFACTURED ACCORDING TO AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS" CURRENT AT THE TIME THE PROJECT IS ADVERTISED. LIGHT POLES SHALL BE DESIGNED FOR 90 MPH WIND VELOCITY AND A MINIMUM DESIGN LIFE OF 50 YEARS. IN ADDITION TO THE AASHTO CRITERIA, POLES SHALL BE DESIGNED TO WITHSTAND LOADING OF 75 LB. LUMINAIRE WITH AN EPA OF 1.6 SQ. FT. INCLUDING ALL ATTACHMENTS.



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DATE: 02/12				

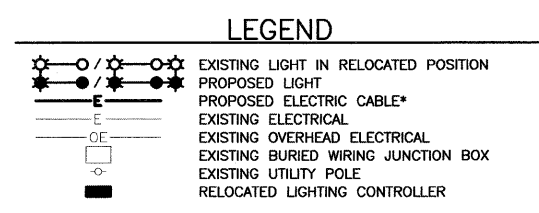
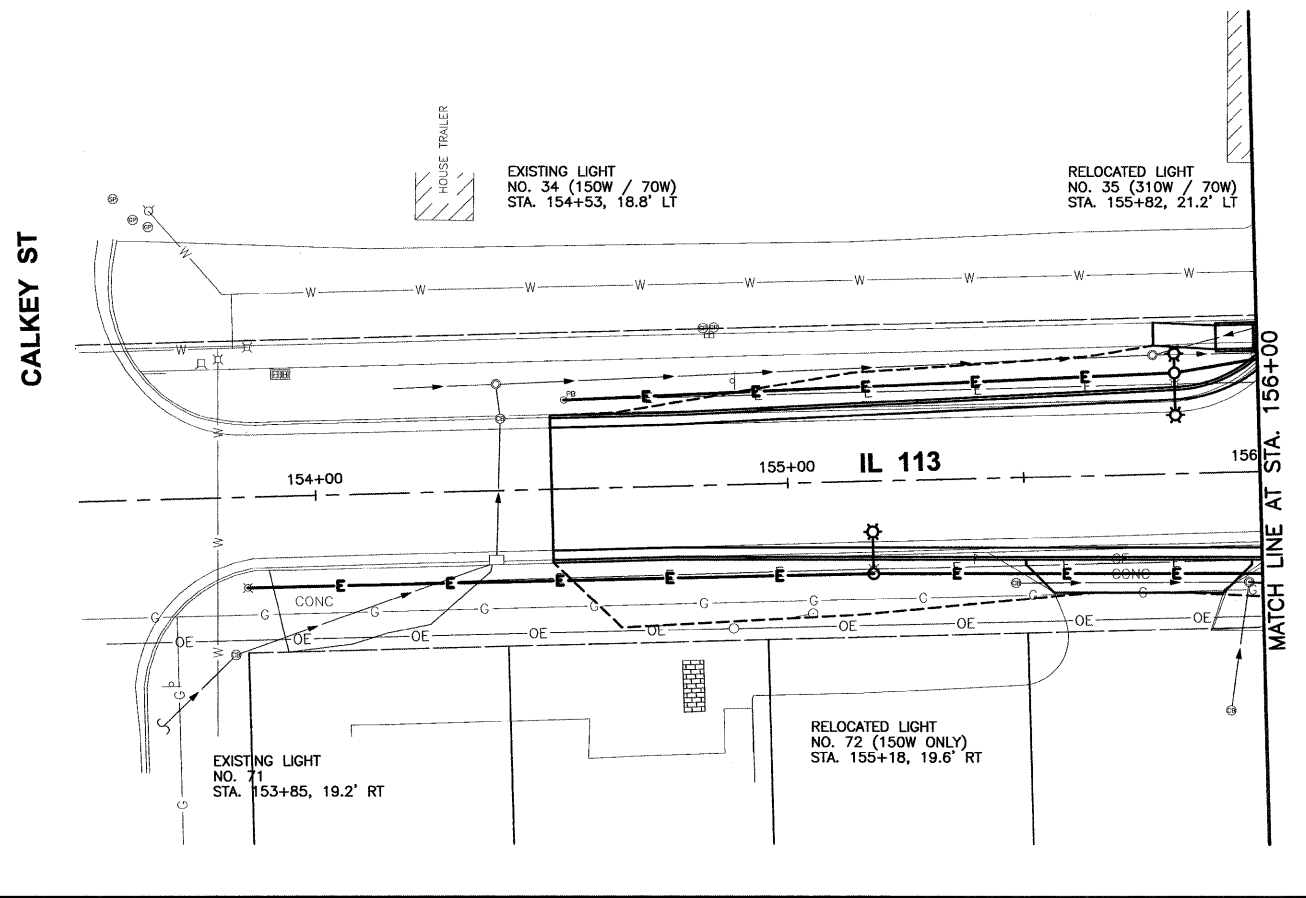
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FAS 301 / FAU 383  
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 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

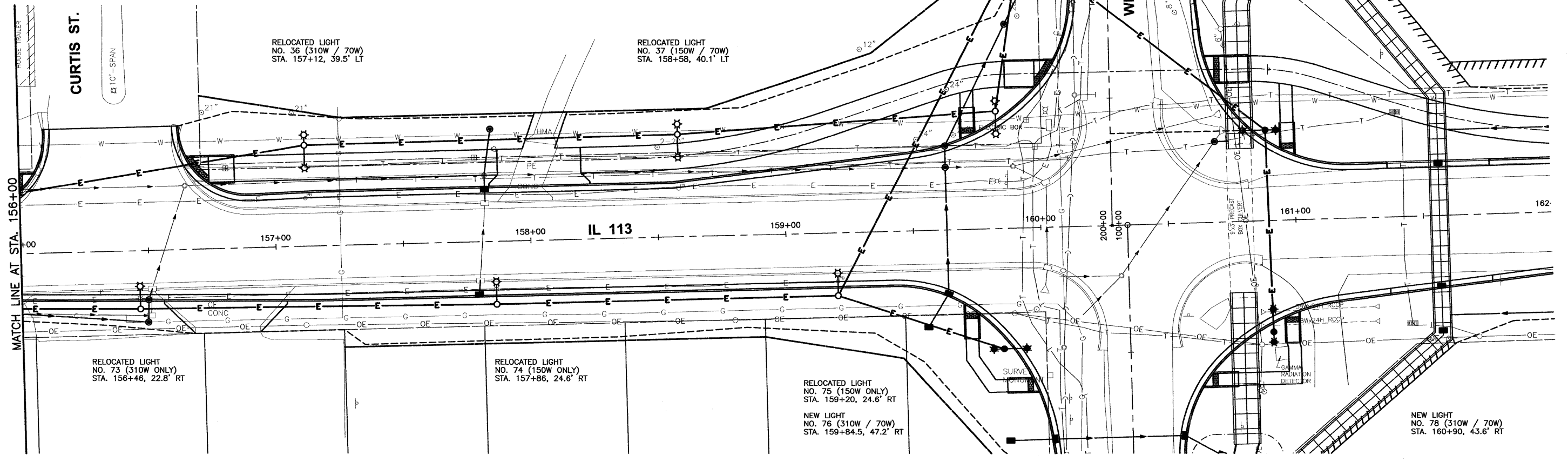
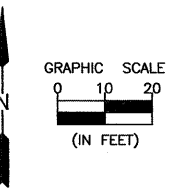
LIGHTING DETAILS

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	SHEET 54
	SCALE: AS NOTED	FILE NO.: 66022.01 Y- OF 96

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WORK THIS SHEET WITH REMOVAL PLANS



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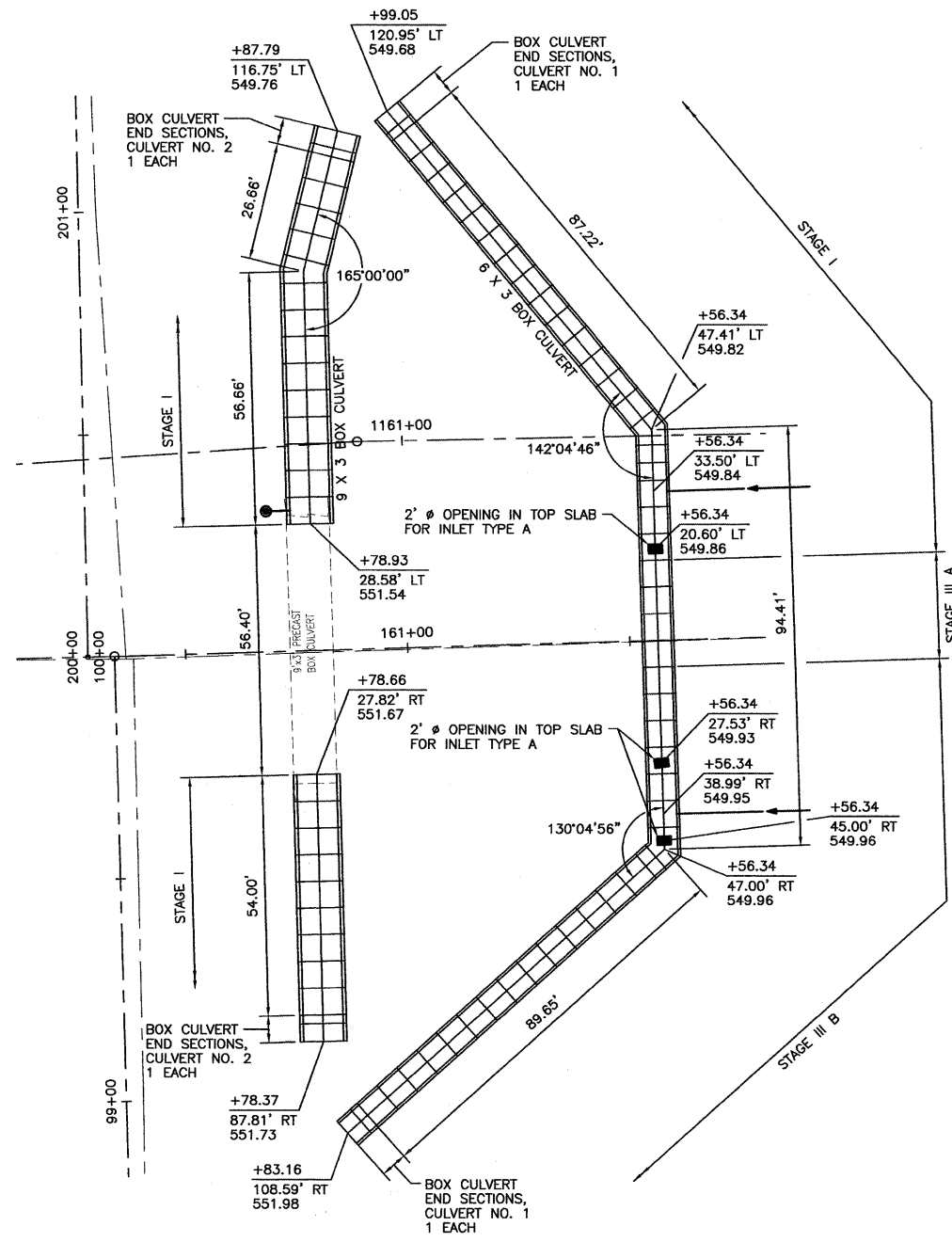
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FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

LIGHTING PLAN - IL 113  
 STA. 156+00 TO STA. 162+00

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	
	SCALE: AS NOTED	SHEET 55
	FILE NO.: 66022.01 Y-	OF 96

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BOX CULVERT SCHEDULE			
PAY ITEM	UNITS	6X3 BOX	9X3 BOX
POROUS GRANULAR EMBANKMENT	CU YD	114	22
BOX CULVERT END SECTIONS, CULVERT NO.1	EACH	2	—
BOX CULVERT END SECTIONS, CULVERT NO.2	EACH	—	2
PRECAST CONCRETE BOX CULVERTS 6' x 3'	FOOT	272	—
PRECAST CONCRETE BOX CULVERTS 9' x 3'	FOOT	—	137
REMOVE CONCRETE BOX CULVERT END SECTION	EACH	—	2

NOTES:  
 THE END SECTIONS OF THE EXISTING 9' X 3' PRECAST CONCRETE BOX CULVERT SHALL BE REMOVED AND THE BOX CULVERT EXTENDED AS SHOWN ON THIS SHEET.  
 WORK TO CONSTRUCT BOX CULVERT NO. 1 SHALL BE STAGED. SEE SEQUENCE OF WORK ON SHEET 28.  
 SEE STORM SEWER SCHEDULE ON SHEETS 10 & 11 FOR SIZES AND ELEVATIONS OF STORM SEWERS CONNECTING TO NEW BOX CULVERTS.  
 ELEVATIONS SHOWN ARE AT FLOWLINE OF BOX CULVERT.

PRECAST BOX CULVERT SCHEDULE (ASTM C 1577)					
STATION	SIZE (SPAN X HEIGHT)	SKEW*	DESIGN FILL (FT.)		PGE BACKFILL REQUIRE
			EDGE OF PAV'T (MINIMUM)	MAXIMUM	
160+79	9 X 3	0°	1.3'	1.9'	YES
161+56	6 X 3	0°	3.3'	4.0'	YES

\* THE SKEW IS THE ANGLE BETWEEN A PERPENDICULAR LINE TO THE BOX CULVERT AND THE CENTERLINE OF THE ROADWAY.

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DATE: 02/12				

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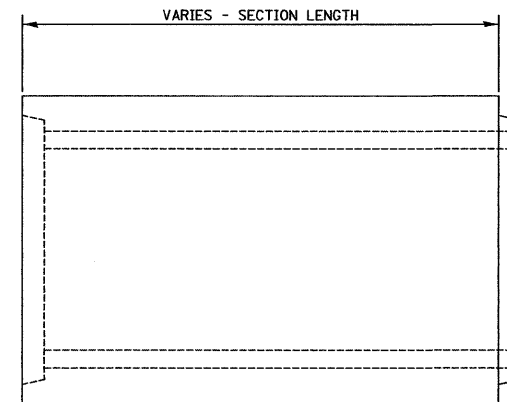
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 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

BOX CULVERT DETAILS

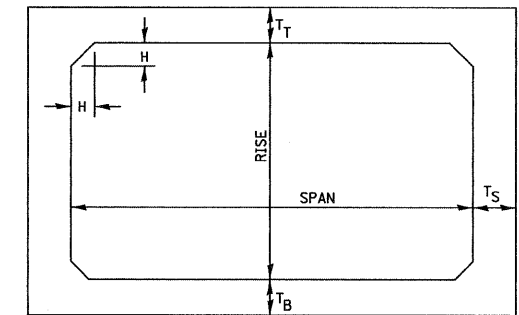
CONSTRUCTION PLANS

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 56
FILE NO.: 66022.01 Y-	OF 96

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**ELEVATION**

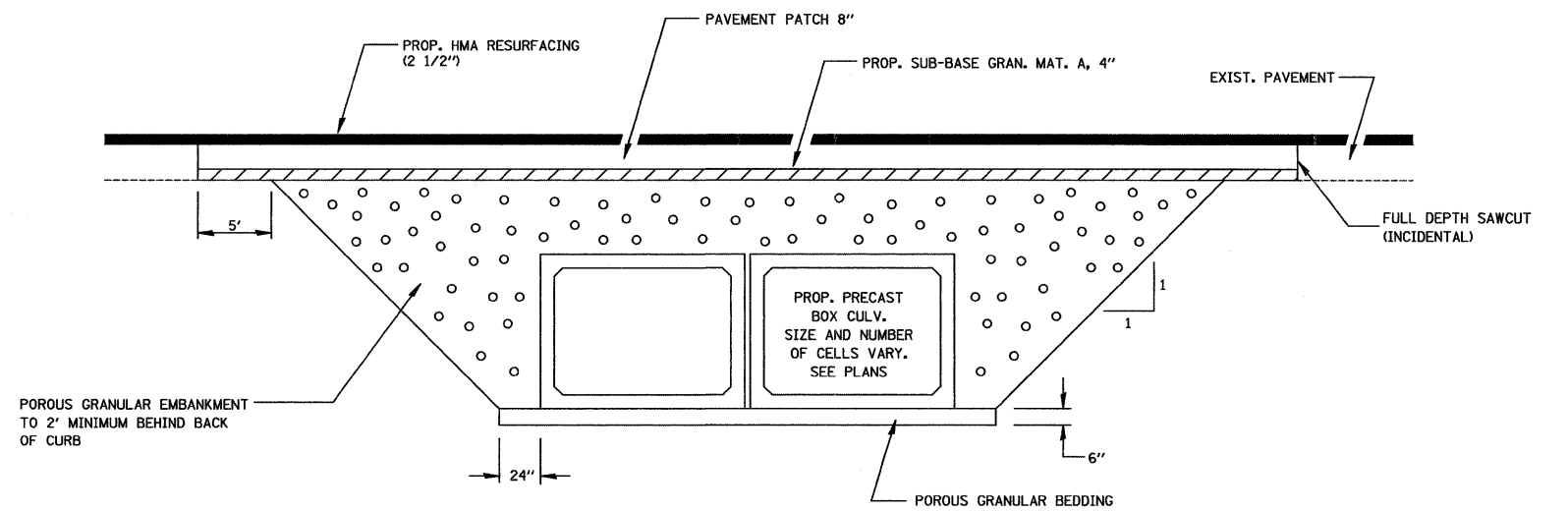


NOTE: THE HAUNCH DIMENSION H, IS EQUAL TO THE WALL THICKNESS T<sub>S</sub>.

**TYPICAL BOX SECTION**

**GENERAL NOTES:**

MINIMUM COVER FOR BOX  
CULVERTS SHALL BE 6".



**SECTION THROUGH PRECAST BOX CULVERT**

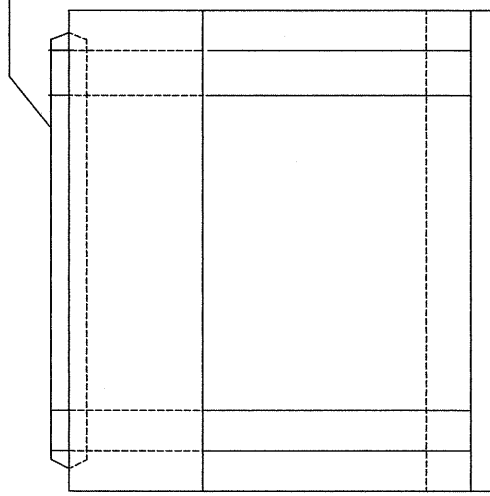
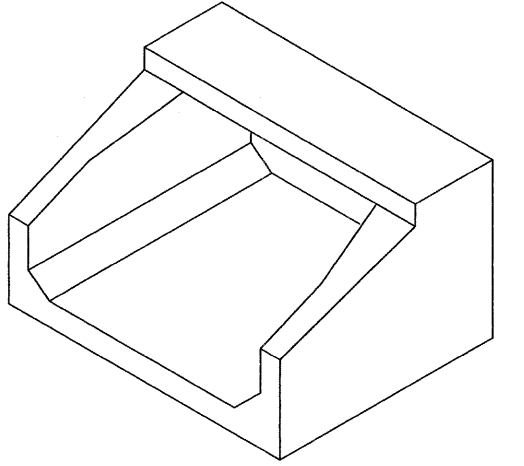
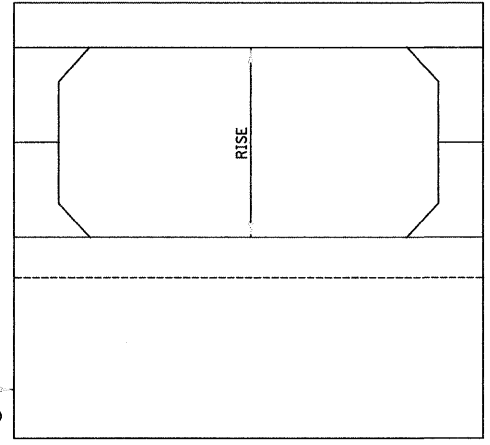
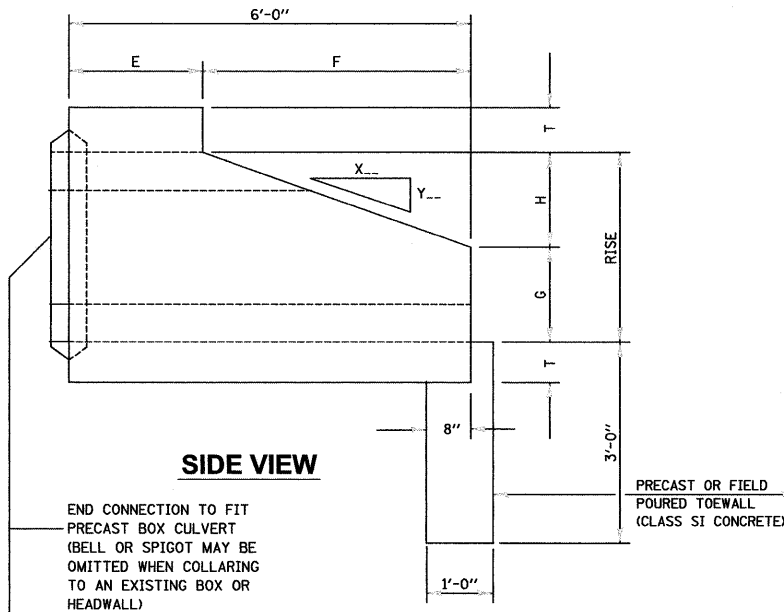
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FAS 301 / FAU 383  
 SECTION 11-0007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

**BOX CULVERT DETAILS**

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	
	SCALE: AS NOTED	SHEET 57
	FILE NO.: 66022.01 Y-	OF 96



SPAN X RISE	E (FT.-IN.)	F (FT.-IN.)	G (FT.-IN.)	H (FT.-IN.)	SLOPE
2' X 2'	3 - 0	3 - 0	1 - 0	1 - 0	3 : 1
3' X 2'	3 - 0	3 - 0	1 - 0	1 - 0	3 : 1
3' X 3'	2 - 0	4 - 0	1 - 8	1 - 4	3 : 1
4' X 2'	3 - 0	3 - 0	1 - 0	1 - 0	3 : 1
4' X 3'	2 - 0	4 - 0	1 - 8	1 - 4	3 : 1
4' X 4'	2 - 0	4 - 0	2 - 0	2 - 0	2 : 1
5' X 2'	3 - 0	3 - 0	1 - 0	1 - 0	3 : 1
5' X 3'	2 - 0	4 - 0	1 - 8	1 - 4	3 : 1
5' X 4'	2 - 0	4 - 0	2 - 0	2 - 0	2 : 1
5' X 5'		4 - 0	3 - 0	2 - 0	2 : 1
6' X 2'	3 - 0	3 - 0	1 - 0	1 - 0	3 : 1
6' X 3'	2 - 0	4 - 0	1 - 8	1 - 4	3 : 1
6' X 4'	2 - 0	4 - 0	2 - 0	2 - 0	2 : 1
6' X 5'		4 - 0	3 - 0	2 - 0	2 : 1
7' X 3'		4 - 0	1 - 8	1 - 4	3 : 1
7' X 4'		4 - 0	2 - 0	2 - 0	2 : 1
7' X 5'		4 - 0	3 - 0	2 - 0	2 : 1
8' X 3'		4 - 0	1 - 8	1 - 4	3 : 1
8' X 4'		4 - 0	2 - 0	2 - 0	2 : 1
8' X 5'		4 - 0	3 - 0	2 - 0	2 : 1
9' X 3'		4 - 0	1 - 8	1 - 4	3 : 1
9' X 4'		4 - 0	2 - 0	2 - 0	2 : 1
9' X 5'		4 - 0	3 - 0	2 - 0	2 : 1
10' X 4'		4 - 0	2 - 0	2 - 0	2 : 1
10' X 5'		4 - 0	3 - 0	2 - 0	2 : 1

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DATE: 02/12				

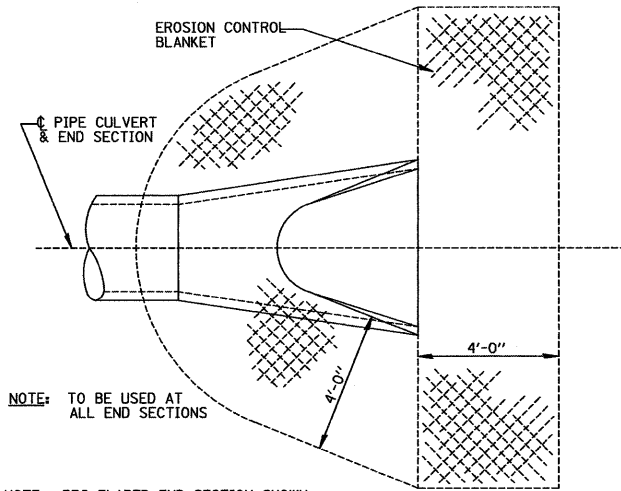
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FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

BOX CULVERT DETAILS

CONSTRUCTION PLANS

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 58
FILE NO.: 66022.01 Y-	OF 96

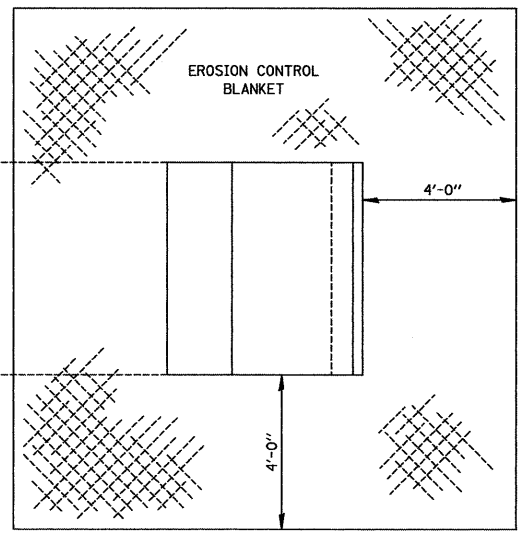


NOTE: TO BE USED AT ALL END SECTIONS

NOTE: PRC FLARED END SECTION SHOWN. TREATMENT SAME FOR OTHER END SECTIONS.

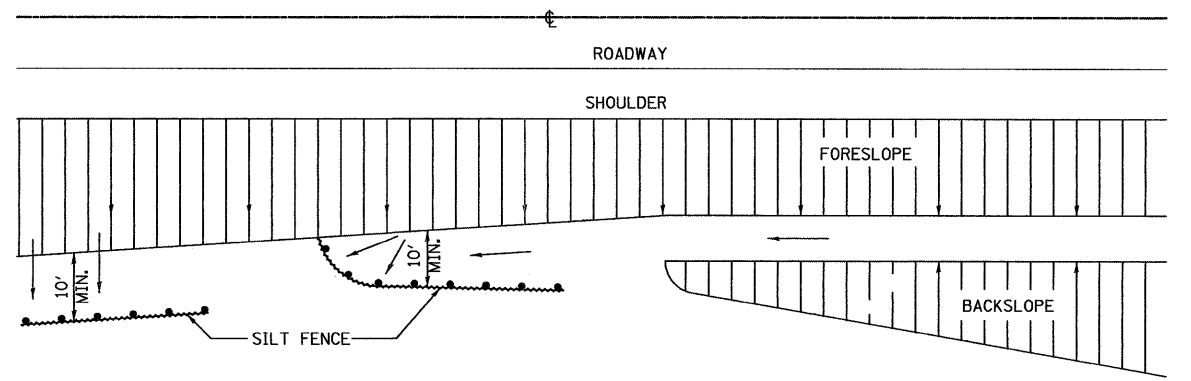
**DETAIL OF EROSION CONTROL BLANKET LINING AROUND END SECTION**

251-2



**EROSION CONTROL BLANKET AT PRECAST BOX CULVERT END SECTIONS**

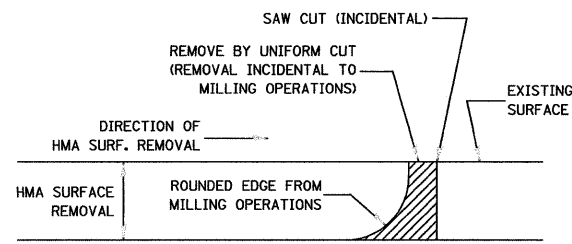
251-5



**DETAILS OF SILT FENCE**

**EROSION CONTROL DETAILS FOR SILT FENCE**

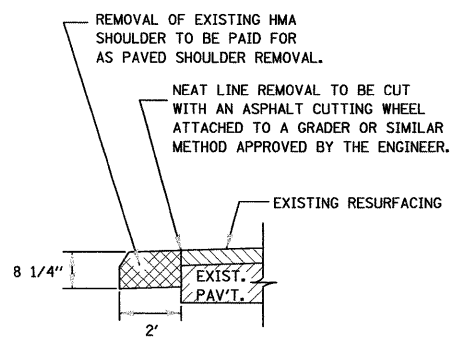
280-1



NOTE: WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL

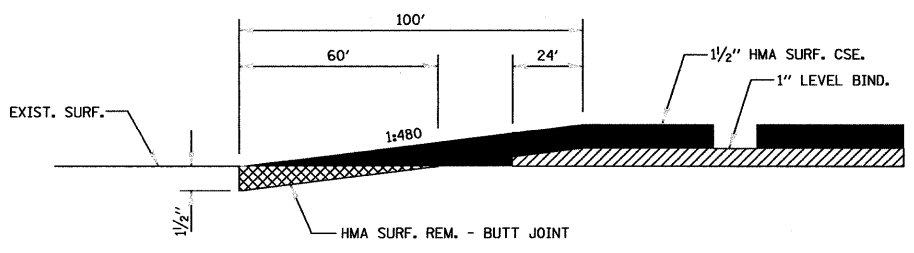
**HMA DETAIL AT BUTT JOINTS**

406-8

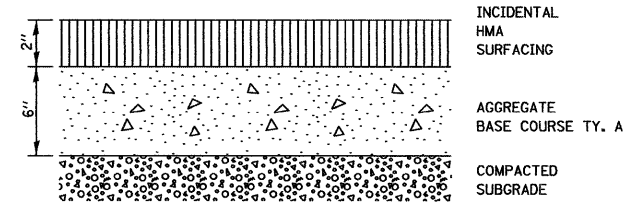


**REMOVAL OF EXISTING HMA SHOULDER**

440-1



406-11



**BICYCLE PATH OR SHARED-USE TRAIL CROSS SECTION**

406-13

CHAMLIN & ASSOCIATES, INC. © 2011 Drawing Name: G:\Users\GAMORRIS\OneDrive\Projects\11-00007-00-VR\11-00007-00-VR-01.dwg Plot Date: Mar 28, 2012 11:17am by nmcob

DRAWN BY: NV	REVISIONS			
	LEVEL	BY	DATE	DESCRIPTION
CHECKED BY: JKC				
DATE: 02/12				

**CHAMLIN & ASSOCIATES**  
PERU MORRIS ILLINOIS

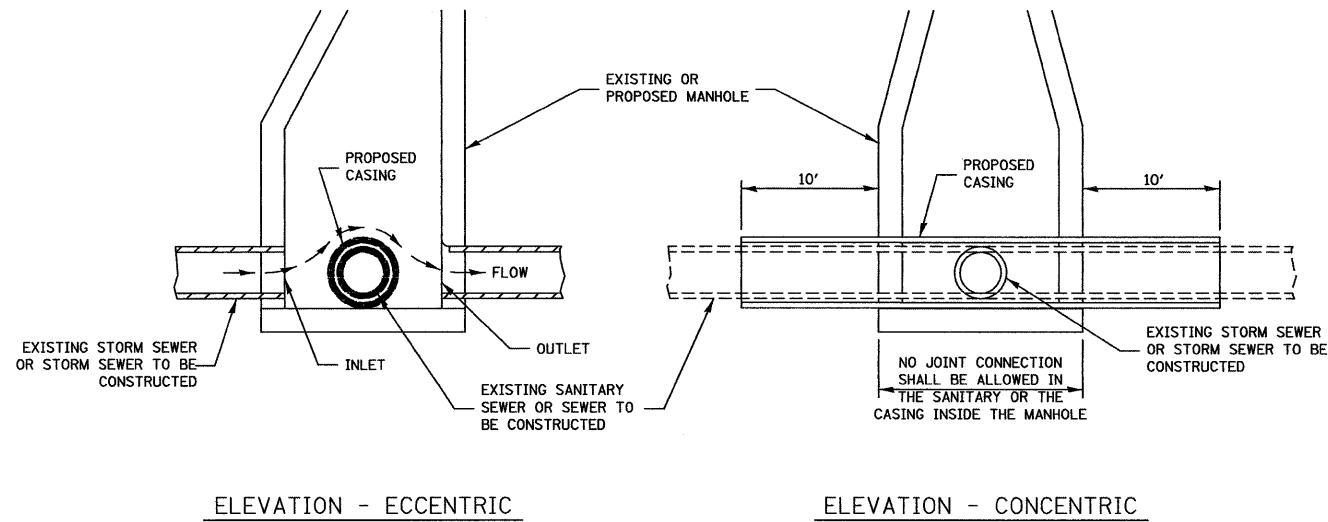
FAS 301 / FAU 383  
SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

DETAILS

**CONSTRUCTION PLANS**

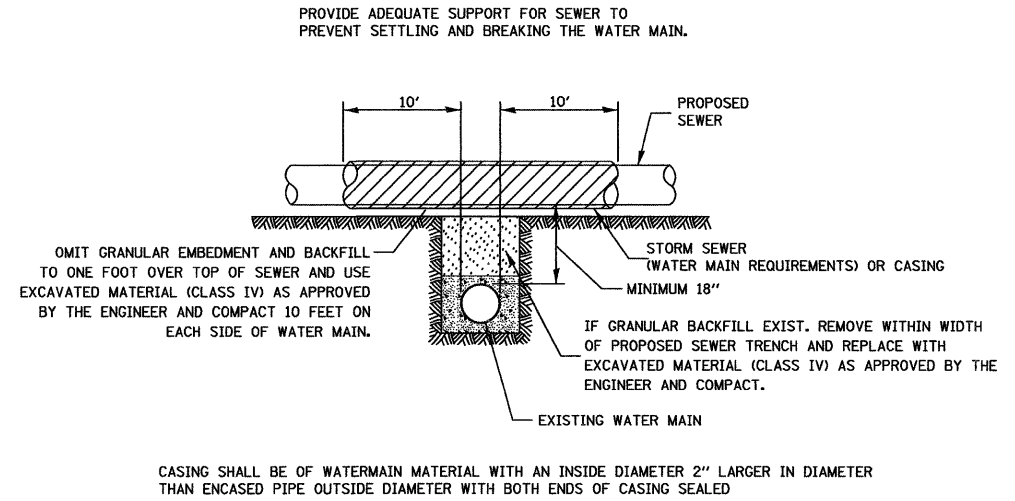
CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 59
FILE NO.: 66022.01 Y-	OF 96





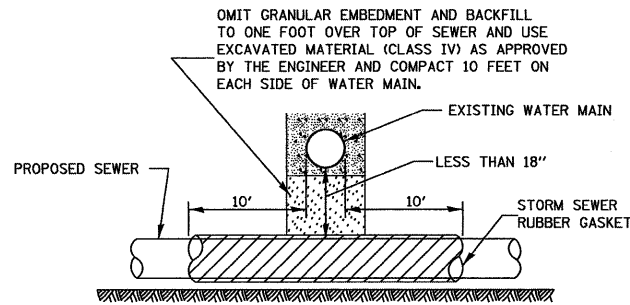
CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

AT GRADE CROSSING OF SANITARY AND STORM SEWER



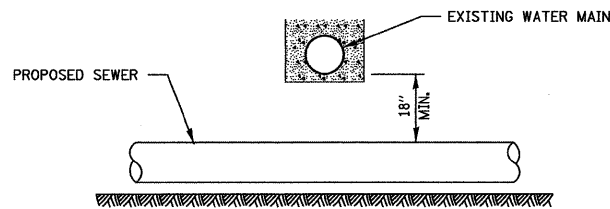
PROPOSED SEWER LINE WITH MINIMUM 18" VERTICAL SEPARATION ABOVE EXISTING WATERMAIN

POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN  
 PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH



PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH

MAINTAIN 18" MINIMUM VERTICAL SEPARATION FOR 10' HORIZONTALLY

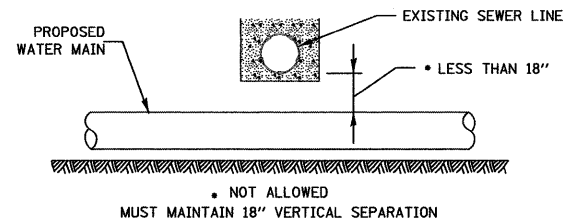
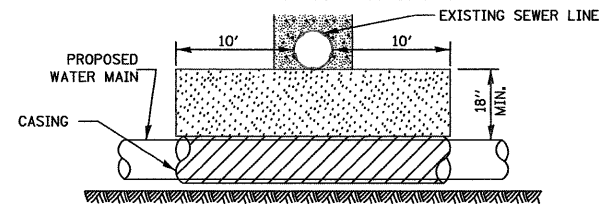


PROPOSED SEWER LINE BELOW EXISTING WATER MAIN

PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT.

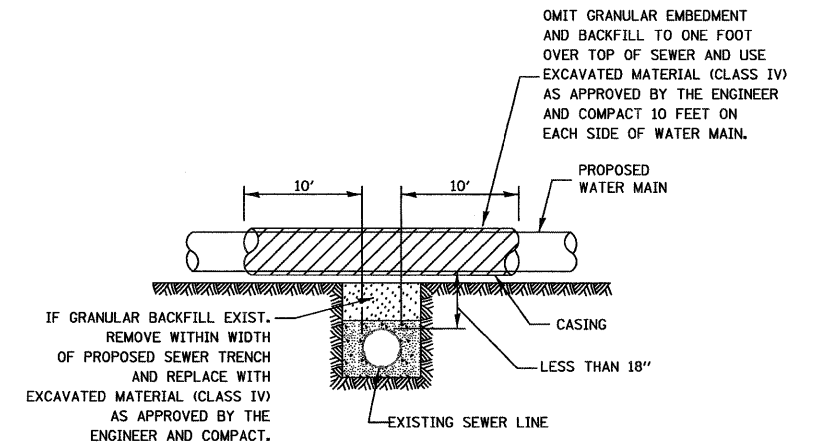
IF GRANULAR BACK FILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER TRENCH AND REPLACE WITH EXCAVATED MATERIAL (CLASS IV) AS APPROVED BY THE ENGINEER AND COMPACT.

OMIT GRANULAR EMBEDMENT AND BACKFILL TO ONE FOOT OVER TOP OF WATER MAIN AND USE EXCAVATED MATERIAL (CLASS IV) AS APPROVED BY THE ENGINEER AND COMPACT FOR 10' EITERSIDE OF SEWER LINE.



PROPOSED WATER MAIN BELOW EXISTING SEWER LINE

POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN CASING AND SEWER



CASING SHALL BE OF WATERMAIN MATERIAL WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE

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DRAWN BY: NV	REVISIONS			
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 02/12				

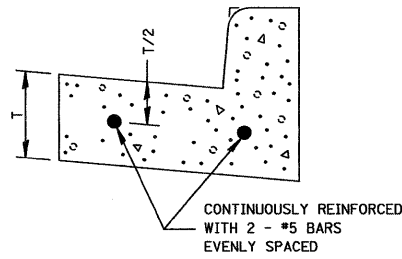
**CHAMLIN & ASSOCIATES**  
 PERU MORRIS ILLINOIS

FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

DETAILS

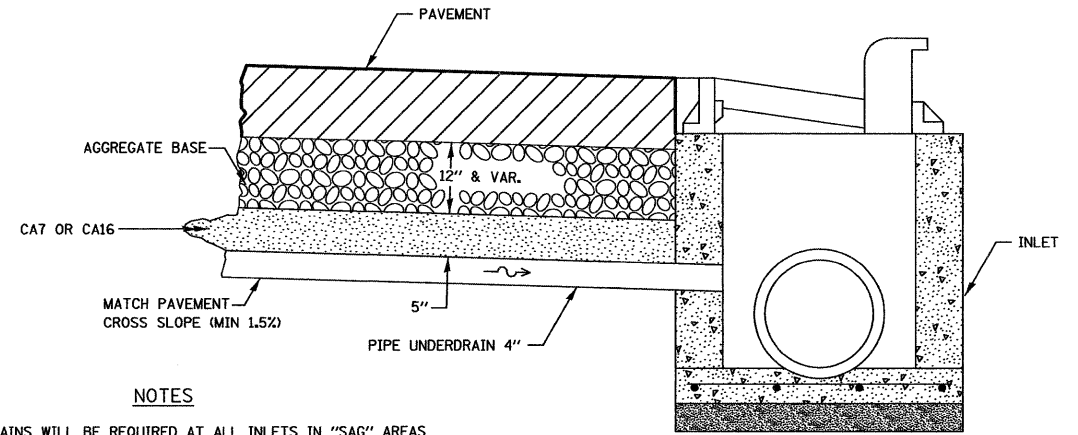
CONSTRUCTION PLANS

CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 60
FILE NO.: 68022.01 Y-	OF 96



REINFORCEMENT SHALL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR CC&G.

**REINFORCEMENT DETAIL  
FOR  
COMBINATION CONCRETE  
CURB AND GUTTER  
TYPE B-6.24**



**NOTES**

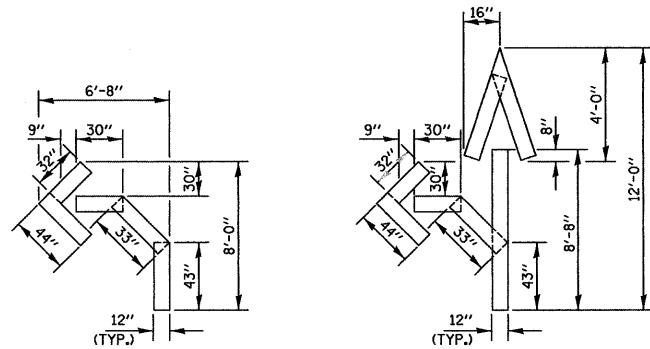
DRAINS WILL BE REQUIRED AT ALL INLETS IN "SAG" AREAS AND AS INDICATED IN THE PLANS.

THIS WORK SHALL BE COMPLETED ACCORDING TO SECTION 601 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR PIPE UNDERDRAINS OF THE DIAMETER SPECIFIED WHICH PRICE SHALL INCLUDE THE CA7 OR CA16 AND THE CONNECTION TO THE INLET.

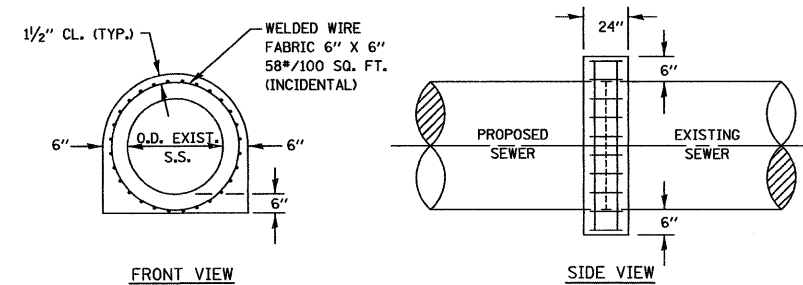
**DRAIN FOR AGGREGATE  
BASES IN URBAN AREAS**

601-4



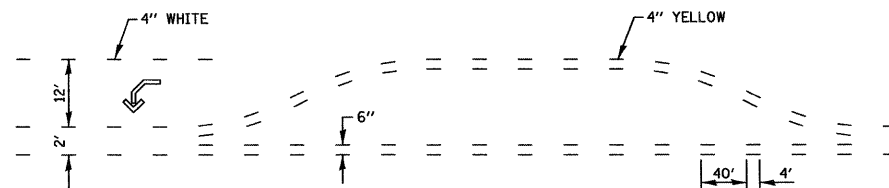
QUANTITY  
12" LINE = 16 LIN. FT.  
OR 4" LINE = 48 LIN. FT.

QUANTITY  
12" LINE = 29 LIN. FT.  
OR 4" LINE = 87 LIN. FT.



**CONCRETE COLLAR FOR SEWER CONNECTION**

550-1



**SHORT-TERM PAVEMENT MARKING  
FOR MEDIANS AND ARROWS**

703-1

CHAMLIN & ASSOCIATES, INC. © 2011 Drawing Name: G:\Users\GAMORRIS\OneDrive\Projects\11-00007-00-01-Diamond-Will-Road-113-Env-Survey\CAD\PLANS-EXTENDED\C66-DETS.dwg Last Modified: Feb 06, 2012 - 10:18am Plotted on: Mar 28, 2012 - 11:18pm by nancq

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CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 02/12				

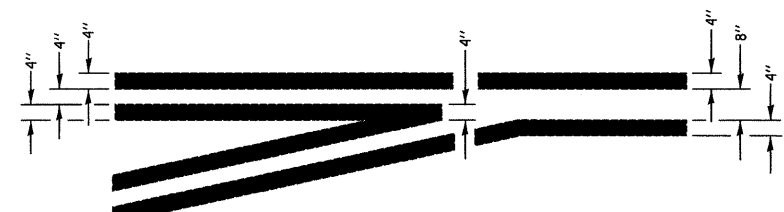
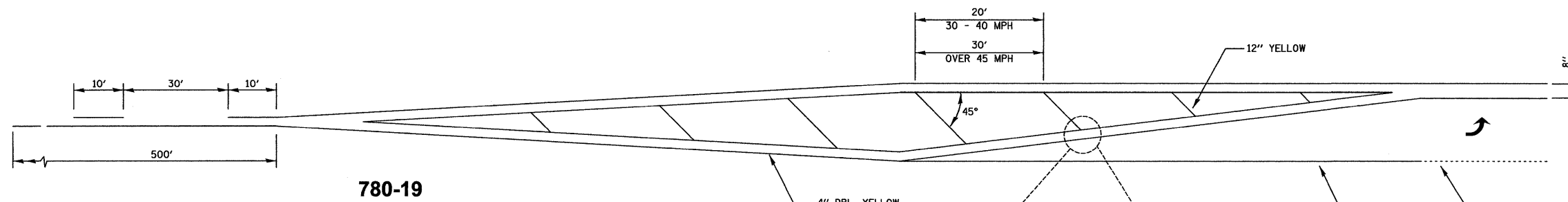
**CHAMLIN & ASSOCIATES**  
PERU MORRIS ILLINOIS

FAS 301 / FAU 383  
SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

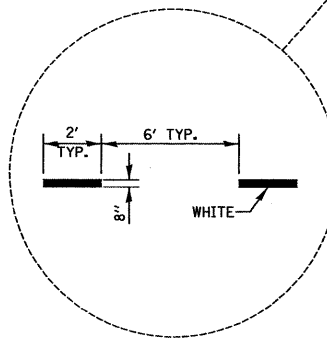
DETAILS

CONSTRUCTION  
PLANS

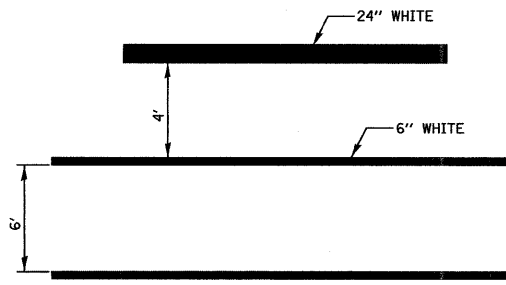
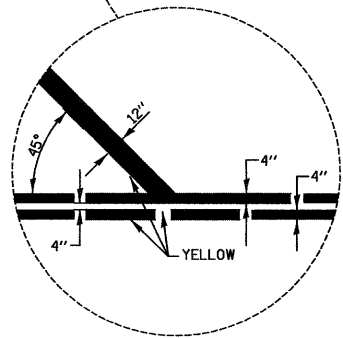
CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 61
FILE NO.: 66022.01 Y-	OF 96



**TYPICAL APPLICATION  
@ LEFT TURN LANES** 780-1

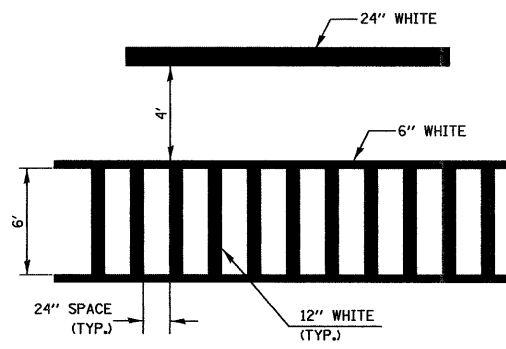


**ADVANCE AND INTERSECTION LANE  
DIVIDER LINES**



**TYPICAL SPACING DETAIL FOR  
CROSSWALKS AND STOP BARS**

**780-3  
OPTION 1**



**TYPICAL SPACING DETAIL FOR  
CROSSWALKS AND STOP BARS**

**780-3  
OPTION 2**

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 Drawing Name: C:\Users\jcd\Documents\Road-&-L-113-Env-Survey\CAD\PLANS-EXTENDED\G66-GETS.dwg, Last Modified: Feb 06, 2012 - 10:18am, Plotted on: Mar 28, 2012 - 11:18am by nancy

DRAWN BY: NV	REVISIONS			
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 02/12				

**CHAMLIN & ASSOCIATES**  
 PERU MORRIS ILLINOIS

FAS 301 / FAU 383  
 SECTION 11-0007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

DETAILS

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	
	SCALE: AS NOTED	SHEET 62
	FILE NO.: 66022.01 Y-	OF 96

## LAND SECTION MARKERS

### NOTES

THE REFERENCE MARKERS SHALL BE CONSTRUCTED BY POURING CLASS SI CONCRETE INTO HOLES PREPARED BY A POST HOLE DIGGER OR OTHER APPROVED METHODS. FORMS WILL NOT BE REQUIRED. PRECAST MARKERS OF THE SAME SIZE AND CONSTRUCTION MAY BE USED.

IN CULTIVATED FIELDS REFERENCE MARKERS SHALL BE PLACED TWO FEET BELOW THE GROUND SURFACE. IN FENCE LINES OR PROTECTED AREAS THE TOP SHALL BE PLACED AT GROUND LEVEL.

THE FOLLOWING WORK SHALL BE DONE UNDER THE DIRECTION OF A REGISTERED LAND SURVEYOR OF THE STATE OF ILLINOIS:

VERIFY AND TIE OFF ALL U.S. PUBLIC LAND SURVEY MONUMENTS, SHOWN IN THE PLANS, PRIOR TO CONSTRUCTION OPERATIONS. TIE POINTS SHALL BE SUFFICIENT IN NUMBER AND IN LOCATIONS AS NOT TO BE DISTURBED DURING CONSTRUCTION OPERATIONS.

AFTER CONSTRUCTION OPERATIONS ARE COMPLETE, INSTALL A PERMANENT SURVEY MARKER OF THE TYPE SPECIFIED TO REPLACE THE U.S. PUBLIC LAND SURVEY MONUMENT THAT WAS DISPLACED OR COVERED DURING CONSTRUCTION. THE LETTERING REFERRING TO THE STATE OF ILLINOIS AND DIVISION OF HIGHWAYS SHALL BE OMITTED FROM THE PERMANENT SURVEY MARKER AND THE MARKER SHALL BE MARKED AS DIRECTED BY THE ENGINEER.

SET FOUR CONCRETE REFERENCE MARKERS FOR EACH U.S. PUBLIC LAND SURVEY MONUMENT.

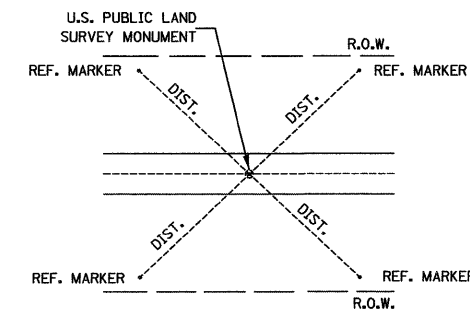
PREPARE MONUMENT RECORDS, FILE THE RECORDS AT THE COUNTY RECORDER'S OFFICE, AND PROVIDE A COPY TO THE DISTRICT OFFICE.

#### PERMANENT SURVEY MARKERS, OF THE TYPE SPECIFIED

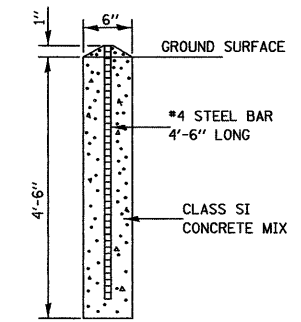
SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, EACH, WHICH WILL BE PAYMENT IN FULL FOR FURNISHING, INSTALLING AND MARKING SAID MARKERS.

#### LAND SECTION MARKERS

SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, EACH, WHICH WILL BE PAYMENT IN FULL FOR SETTING TIE POINTS, SETTING FOUR CONCRETE REFERENCE MARKERS, PREPARING MONUMENT RECORDS, RECORDING AT COUNTY RECORDER'S OFFICE AND PROVIDING A COPY TO THE DISTRICT OFFICE.



**PLAN**



**SECTION**

CONCRETE REFERENCE MARKER

667-1

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	LEVEL	BY	DATE	DESCRIPTION
CHECKED BY: JKC				
DATE: 02/12				

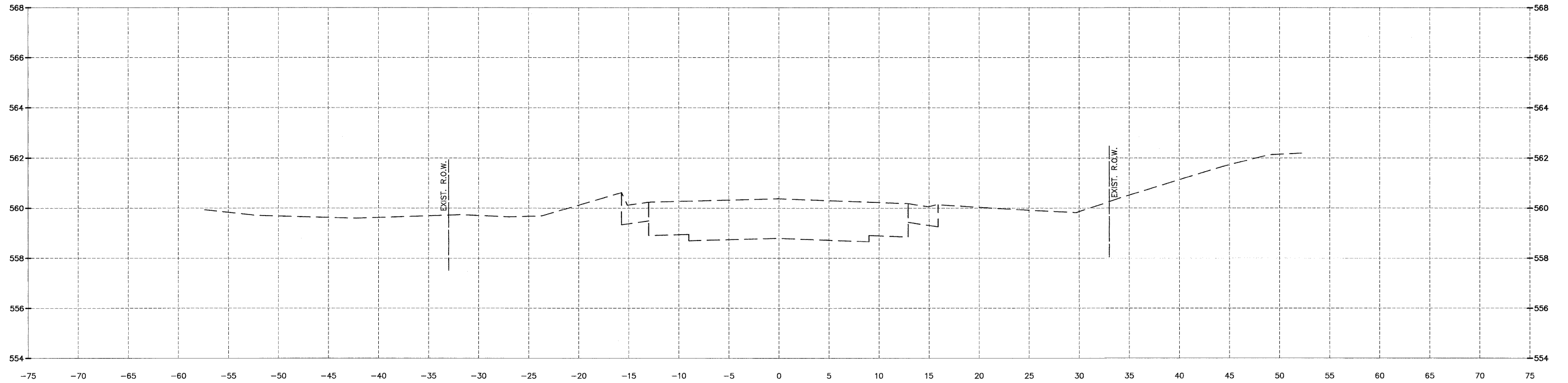
**CHAMLIN & ASSOCIATES**  
 PERU MORRIS ILLINOIS

**FAS 301 / FAU 383**  
**SECTION 11-00007-00-WR**  
**VILLAGE OF DIAMOND**  
**GRUNDY AND WILL COUNTIES**

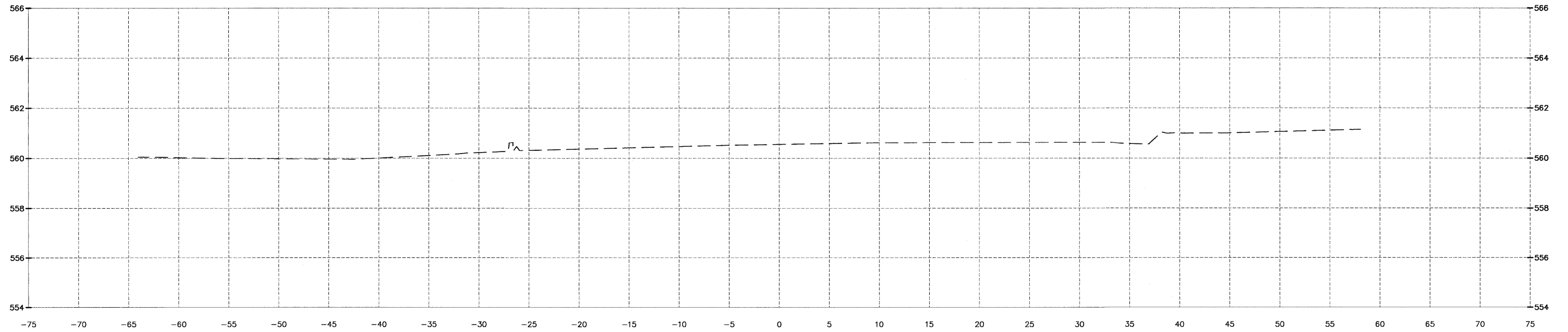
**DETAILS**

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	
	SCALE: AS NOTED	SHEET 63
	FILE NO.: 66022.01 Y-	OF 96

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 Drawing Name: G:\Users\G\Users\G\Projects\113-Env-Survey\113-Env-Survey\CAD\ETOP\03-19-11.dwg Last Modified: Mar 28, 2012 -- 4:11pm Plotted on: Mar 29, 2012 -- 8:31am by: nancig



154+14.00



153+64.00

DRAWN BY: NV	REVISIONS			
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 02/12				

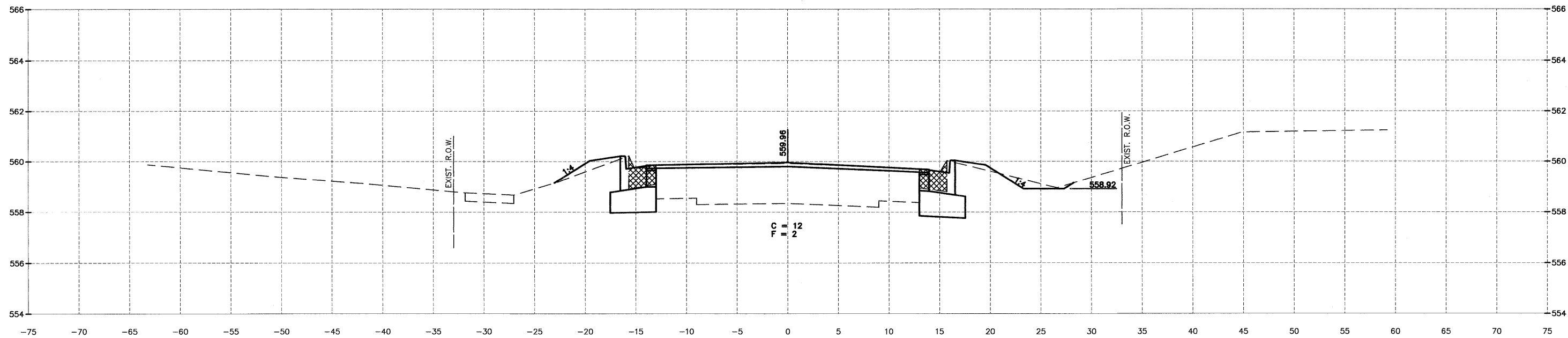

**CHAMLIN & ASSOCIATES**  
 PERU MORRIS ILLINOIS

FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

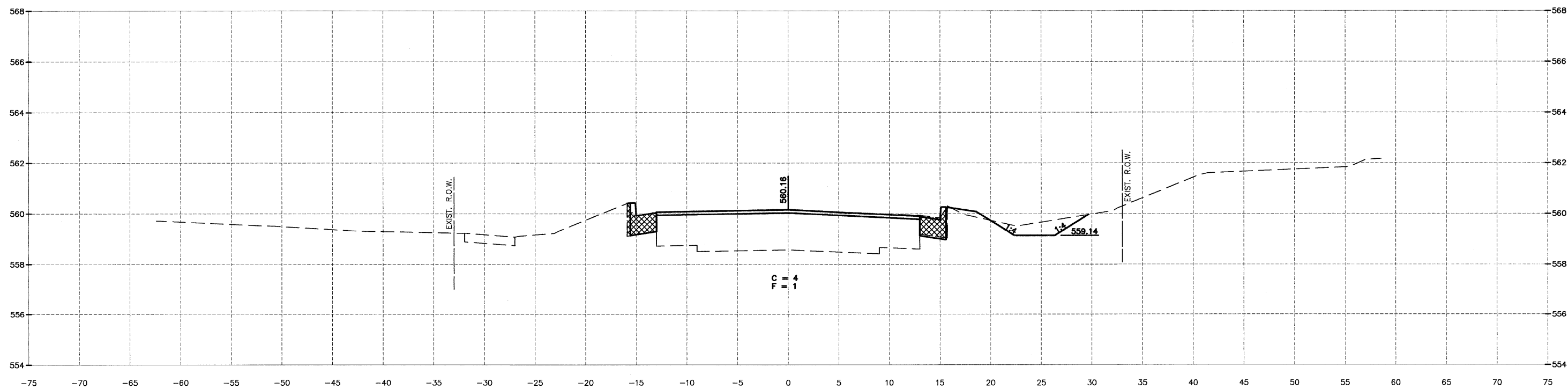
CROSS SECTION  
 IL 113

**CONSTRUCTION PLANS**  
 CONTRACT NO. 87520  
 CURRENT AS OF: 02/12  
 SCALE: AS NOTED SHEET 64  
 FILE NO.: 68022.01 Y- OF 96

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 Drawing Name: G:\Users\j\66022-01-Diamond-Will-Road-&-L-113-Env-Survey\CAD\ETDPC\_3-15-11.dwg Last Modified: Mar 28, 2012 - 4:11pm Plotted on: Mar 29, 2012 - 8:32am by nancj



155+14.00



154+64.00

DRAWN BY: NV	REVISIONS			
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 02/12				

**CHAMLIN & ASSOCIATES**  
 PERU MORRIS ILLINOIS

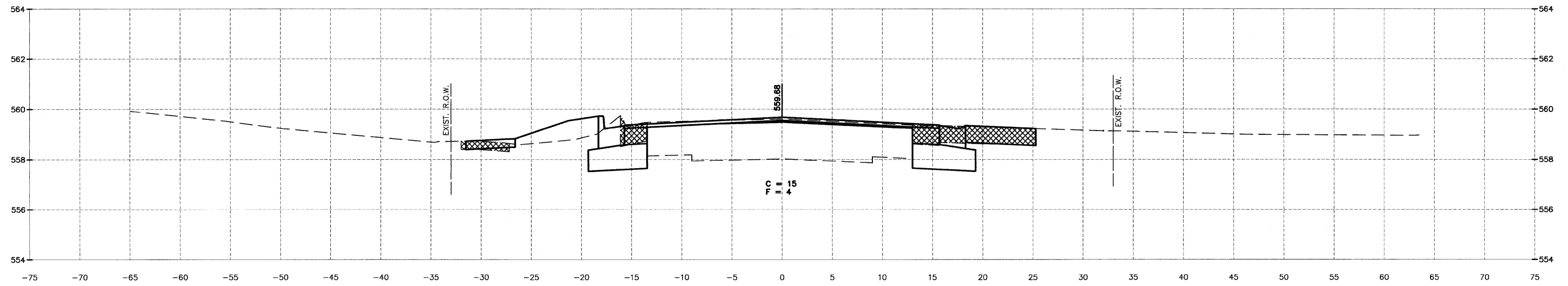
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 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

CROSS SECTION  
IL 113

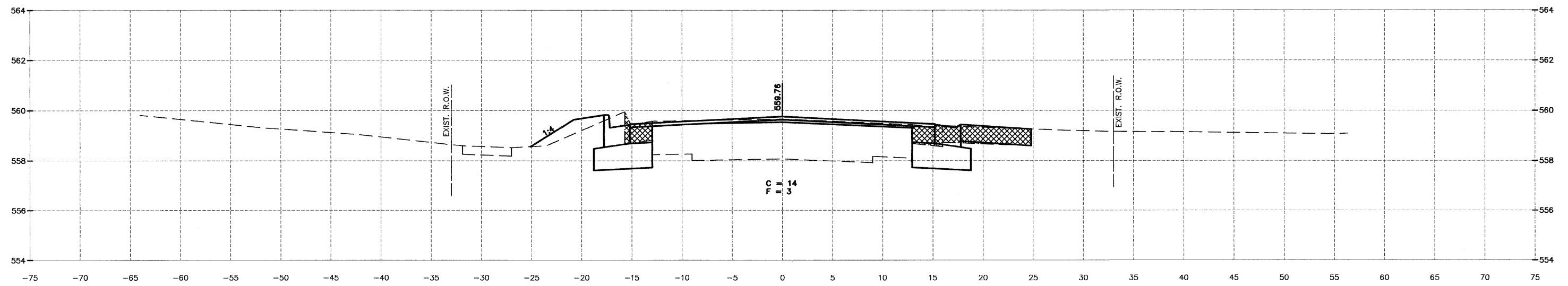
CONSTRUCTION  
PLANS

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 65
FILE NO.: 66022.01 Y-	OF 96

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155+84.00



155+64.00

DRAWN BY: NV	REVISIONS			
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 02/12				



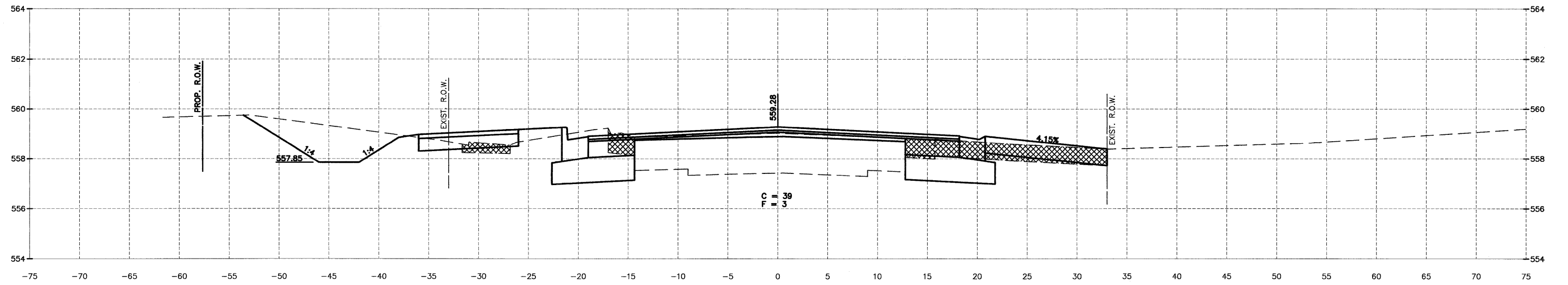
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 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

CROSS SECTION  
 IL 113

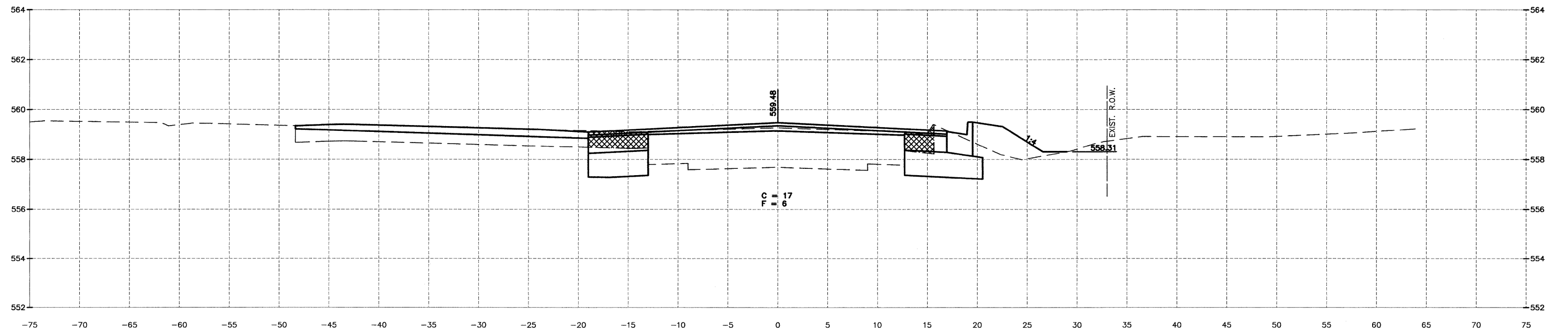
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	CURRENT AS OF: 02/12	SHEET 66
	SCALE: AS NOTED	OF 96
FILE NO.: 66022.01 Y-		



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 Drawing Name: C:\Users\A\66022-01-Diamond-will-Road-IL-113-Env-Survey\CAD\ETDPO\_3-15-11.dwg Last Modified: Mar 28, 2012 - 4:11pm Plotted on: Mar 28, 2012 - 8:32am by manojg



156+84.00



156+34.00

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REVISIONS																	
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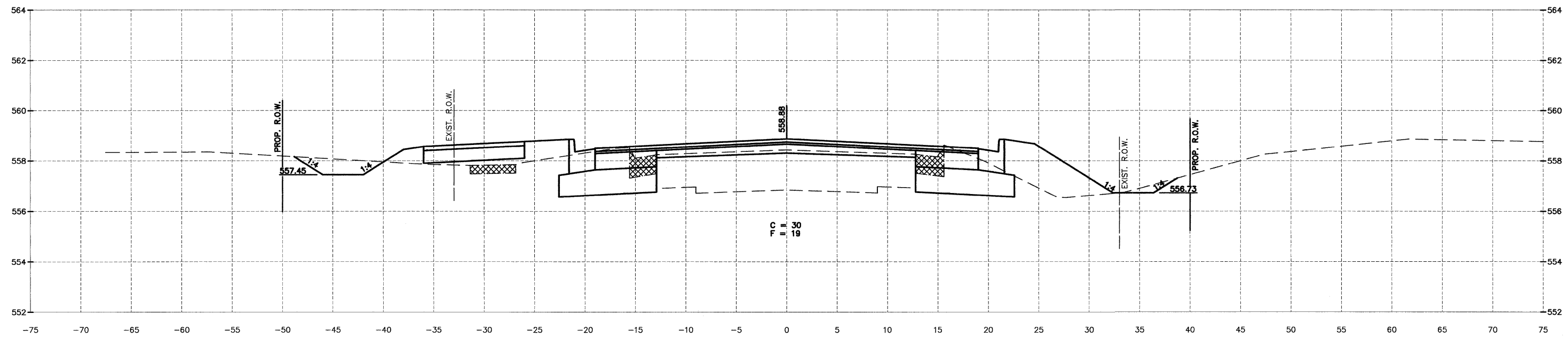


FAS 301 / FAU 383  
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 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

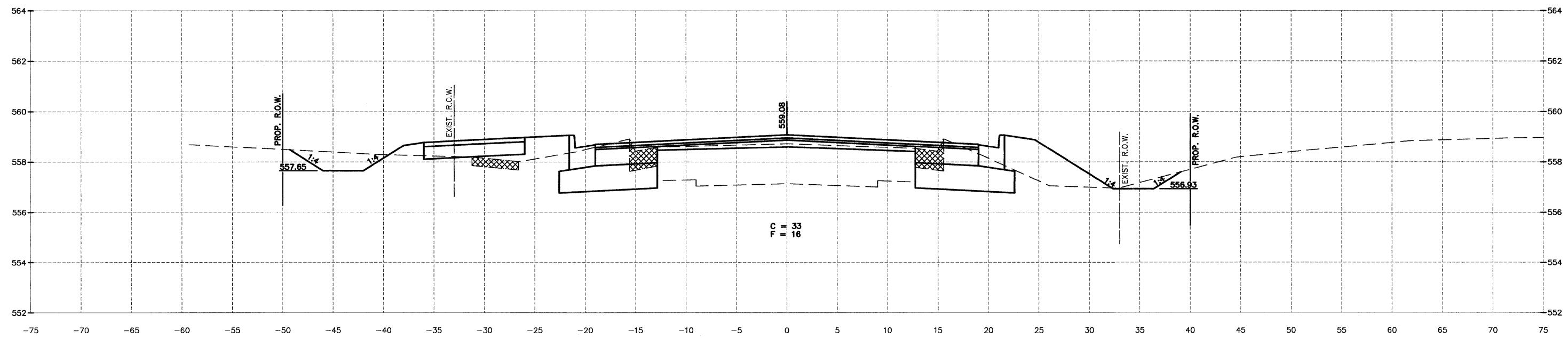
CROSS SECTION  
 IL 113

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	SHEET 67
	SCALE: AS NOTED	OF 96
FILE NO.: 66022.01 Y-		OF 96

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157+84.00



157+34.00

DRAWN BY: NV	REVISIONS			
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 02/12				

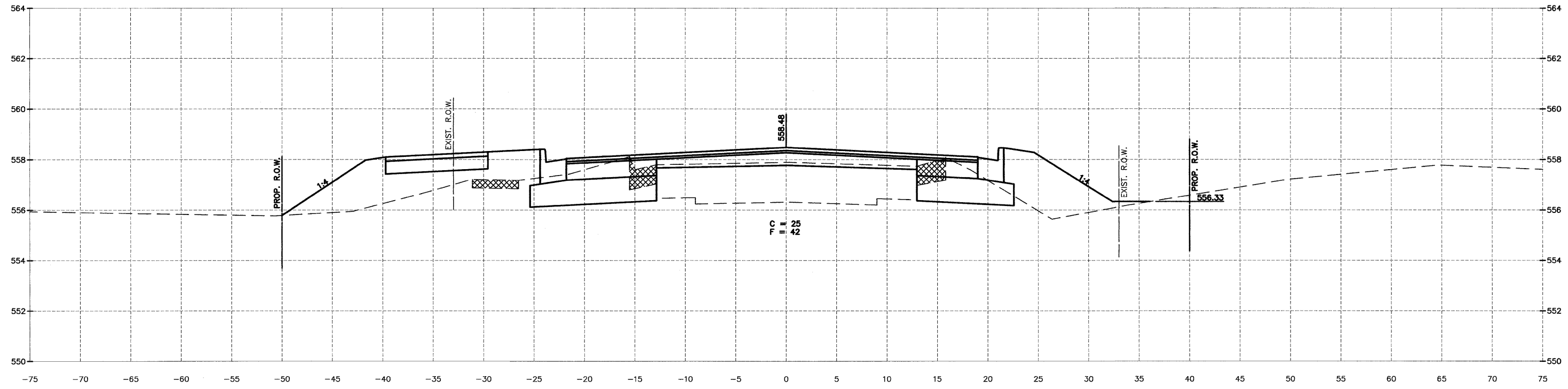


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 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

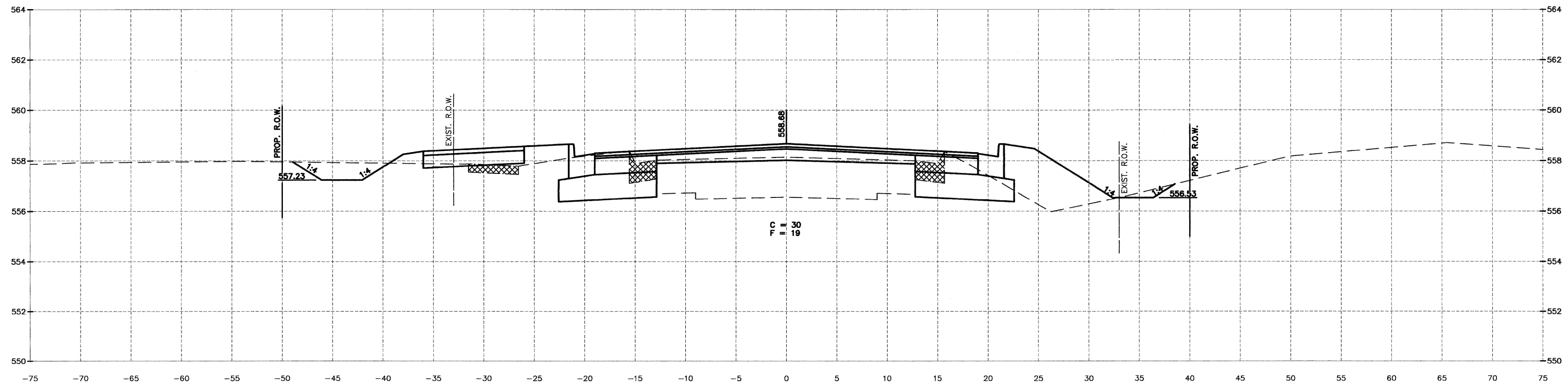
CROSS SECTION  
 IL 113

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	
	SCALE: AS NOTED	SHEET 68
FILE NO.: 66022.01 Y-		OF 96

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 Drawing Name: G:\Users\G\Ustara\66022-01-Diamond-Will-Road-IL-113-Env-Survey\CAD\CD\ETDPO\_3-15-11.dwg, Last Modified: Mar 26, 2012 - 4:11pm, Plotted on: Mar 29, 2012 - 8:36am by ranoq



158+84.00



158+34.00

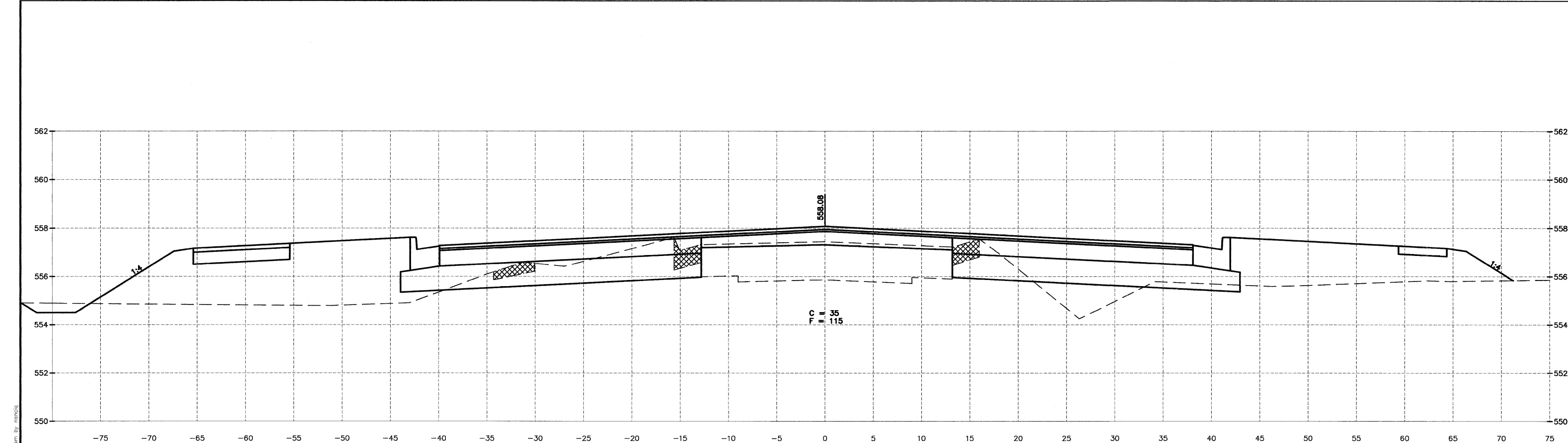
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DATE: 02/12				



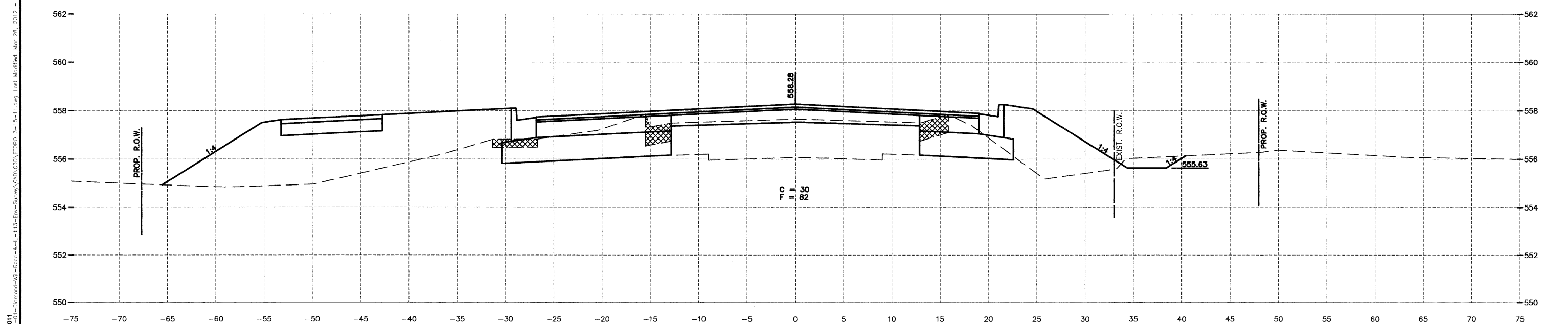
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 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

CROSS SECTION  
 IL 113

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	SHEET 69
	SCALE: AS NOTED	FILE NO.: 66022.01 Y-
		OF 96



159+84.00



159+34.00

DRAWN BY: NV	REVISIONS			
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 02/12				



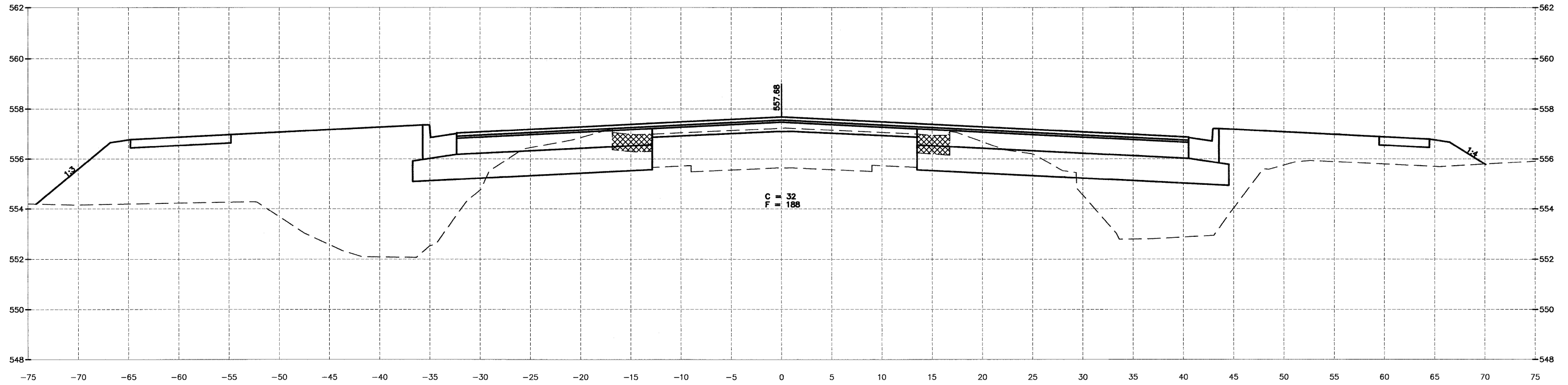
FAS 301 / FAU 383  
SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

CROSS SECTION  
IL 113

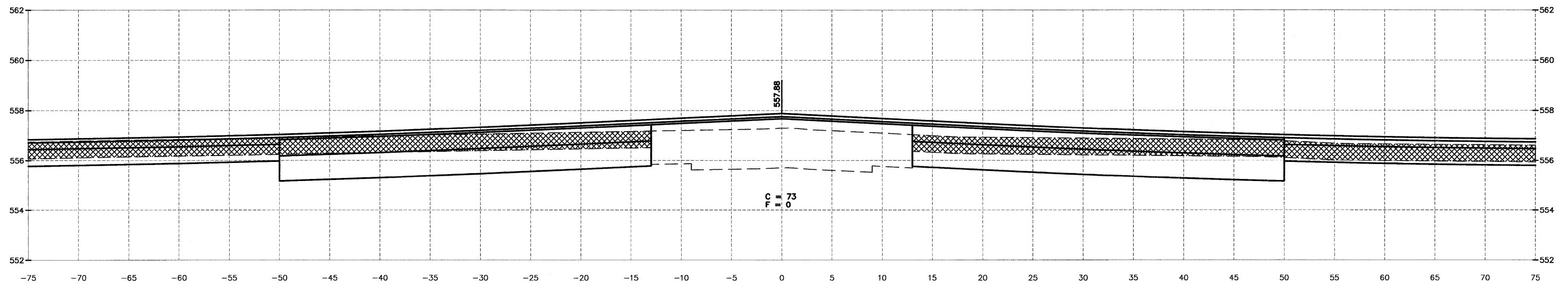
CONSTRUCTION  
PLANS

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 70
FILE NO.: 66022.01 Y-	OF 96

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 Drawing Name: G:\Users\jkc\Documents\113-Enr-Survey\CAD\3D\ETDPO\_3-15-11.dwg Last Modified: Mar 26, 2012 - 4:11pm Plotted on: Mar 29, 2012 - 8:36am by manoj



160+84.00



160+34.00

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DRAWN BY: NV	REVISIONS			
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 02/12				

**CHAMLIN**  
 ASSOCIATES  
 PERU MORRIS  
 ILLINOIS

FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

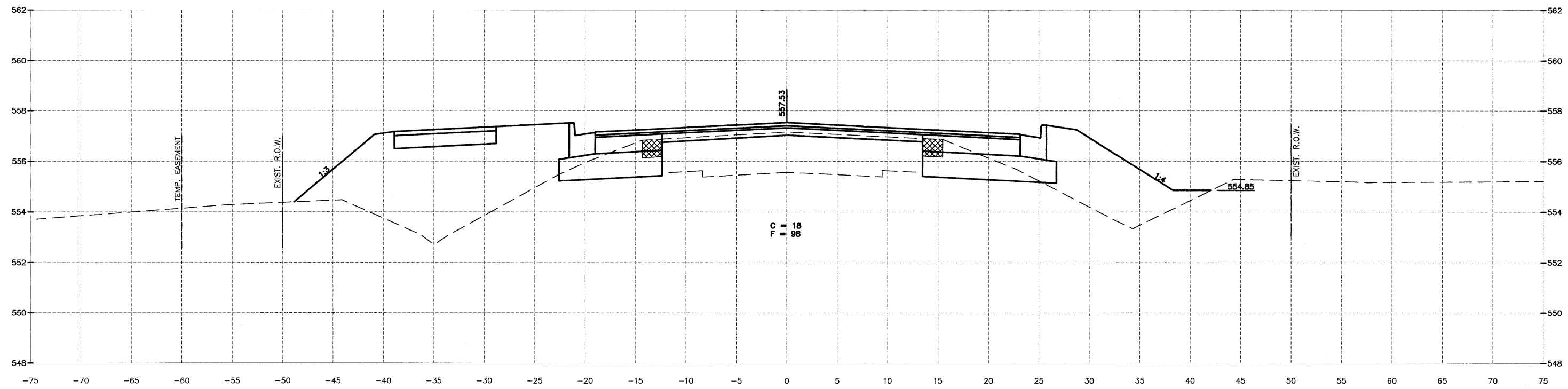
CROSS SECTION  
 IL 113

**CONSTRUCTION  
 PLANS**

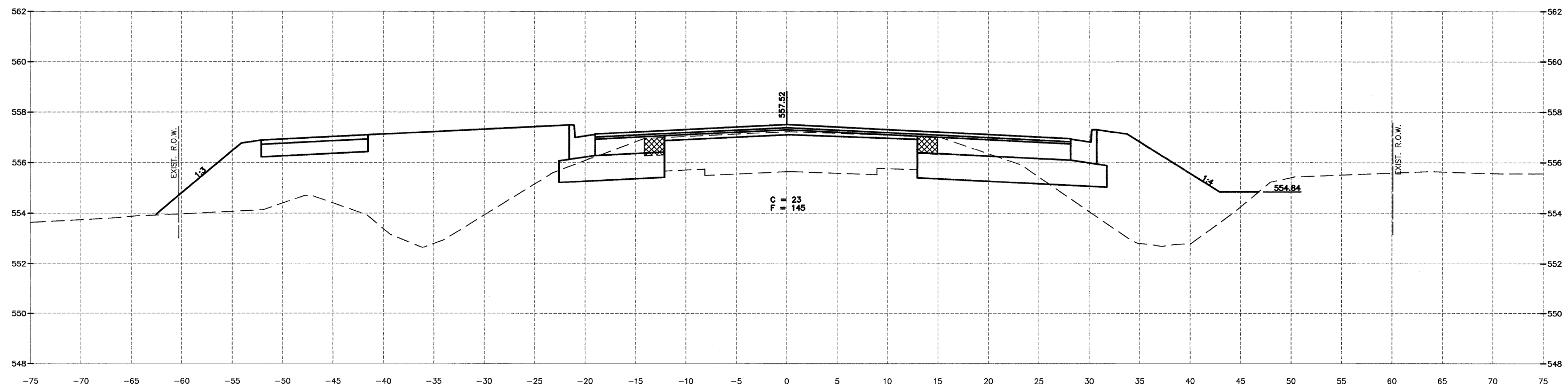
CONTRACT NO. 87520

CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 71
FILE NO.: 66022.01 Y-	OF 96

CHAMLIN & ASSOCIATES, INC. © 2011  
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161+84.00



161+34.00

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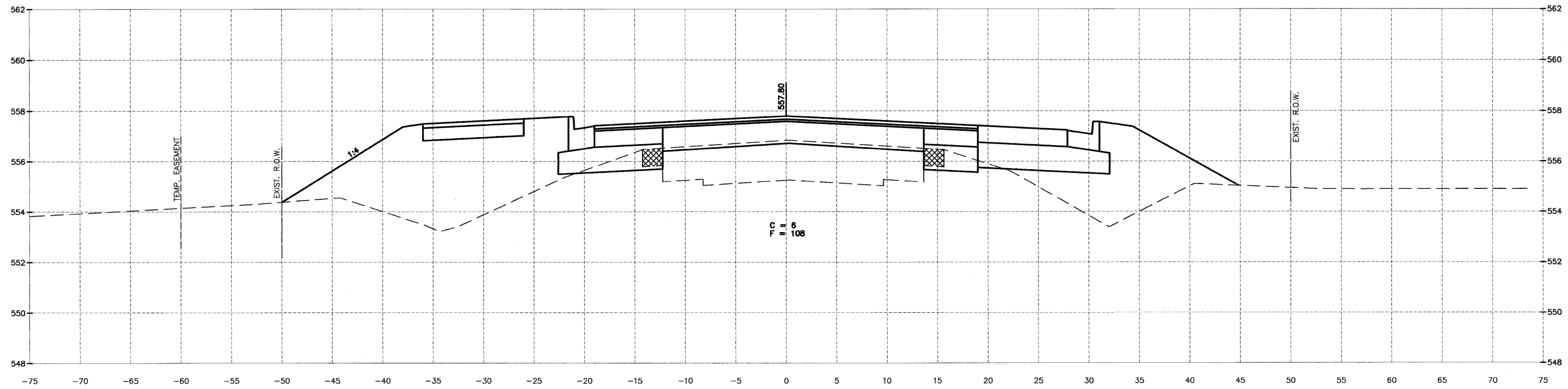


FAS 301 / FAU 383  
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 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

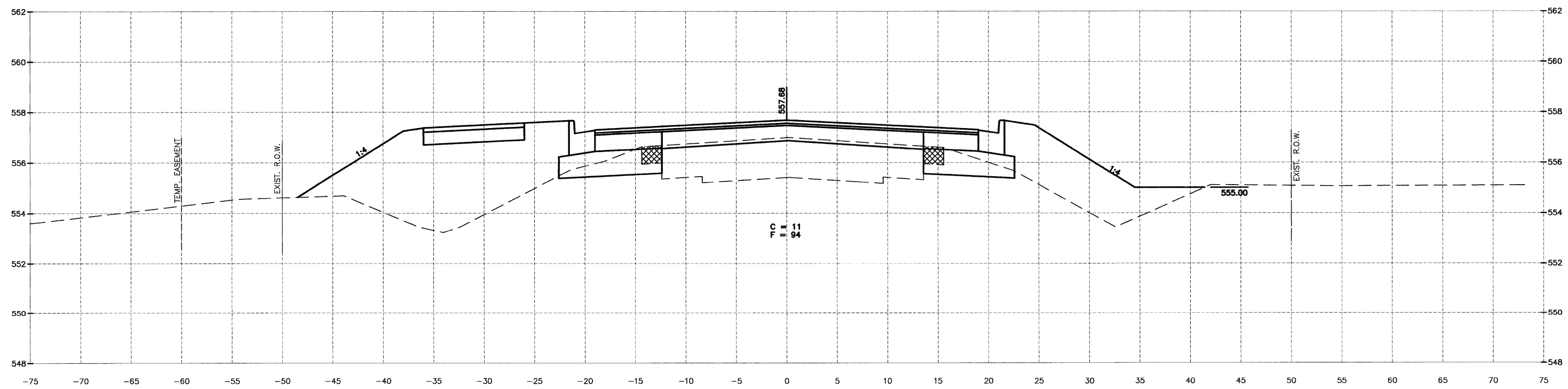
CROSS SECTION  
 IL 113

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	
	SCALE: AS NOTED	SHEET 72
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 Drawing Name: G:\Users\jmc\Documents\Diamond-Will-Road-IL-113-Env-Survey\CAD\113-Env-Survey\113-Env-Survey.dwg Last Modified: Apr 10, 2012 - 8:46am Plotted on: Apr 10, 2012 - 9:46am by nancq



162+84.00



162+34.00

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DATE: 02/12				

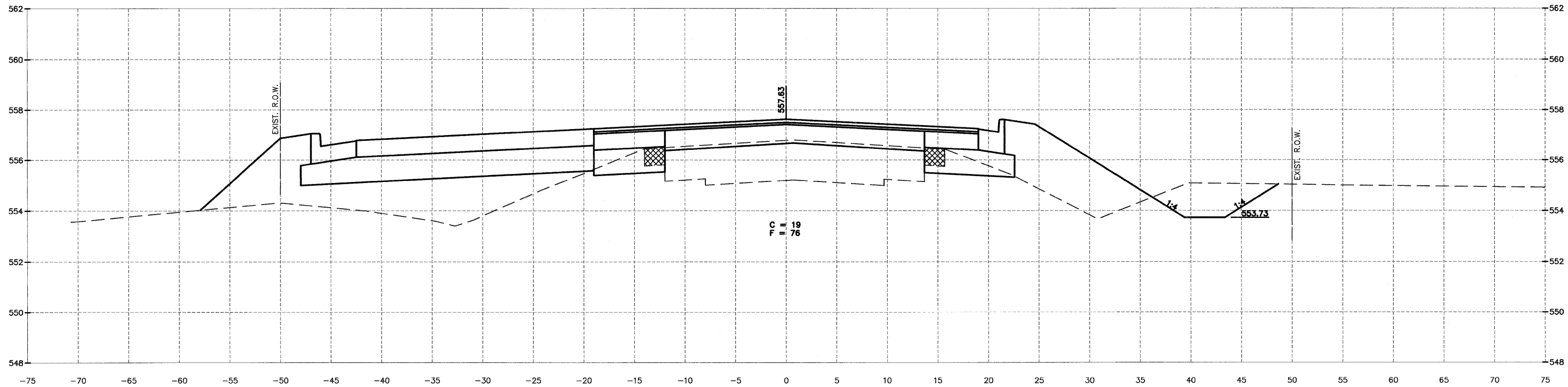

**CHAMLIN & ASSOCIATES**  
 PERU MORRIS ILLINOIS

FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

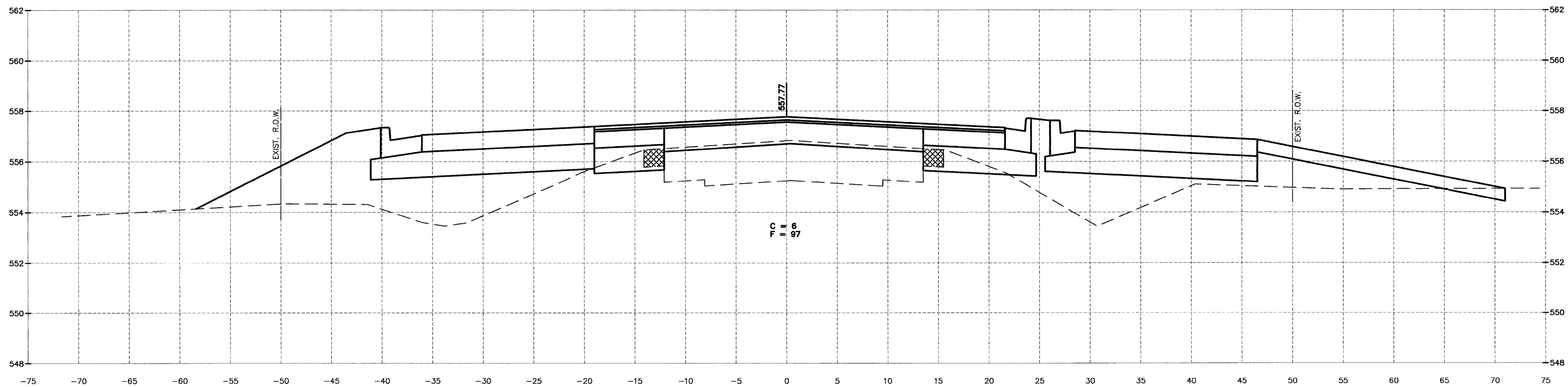
CROSS SECTION  
 IL 113

**CONSTRUCTION PLANS**  
 CONTRACT NO. 87520  
 CURRENT AS OF: 02/12  
 SCALE: AS NOTED SHEET 73  
 FILE NO.: 66022.01 Y- OF 96





163+84.00



163+34.00

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Drawing Name: C:\Users\A\OneDrive\Documents\11-3-Env-Survey\CAD\ETDPO 3-15-11.dwg Last Modified: Apr 10, 2012 - 9:46am Plotted on: Apr 10, 2012 - 9:46am by nancq

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DATE: 02/12				

**CHAMLIN & ASSOCIATES**  
PERU MORRIS ILLINOIS

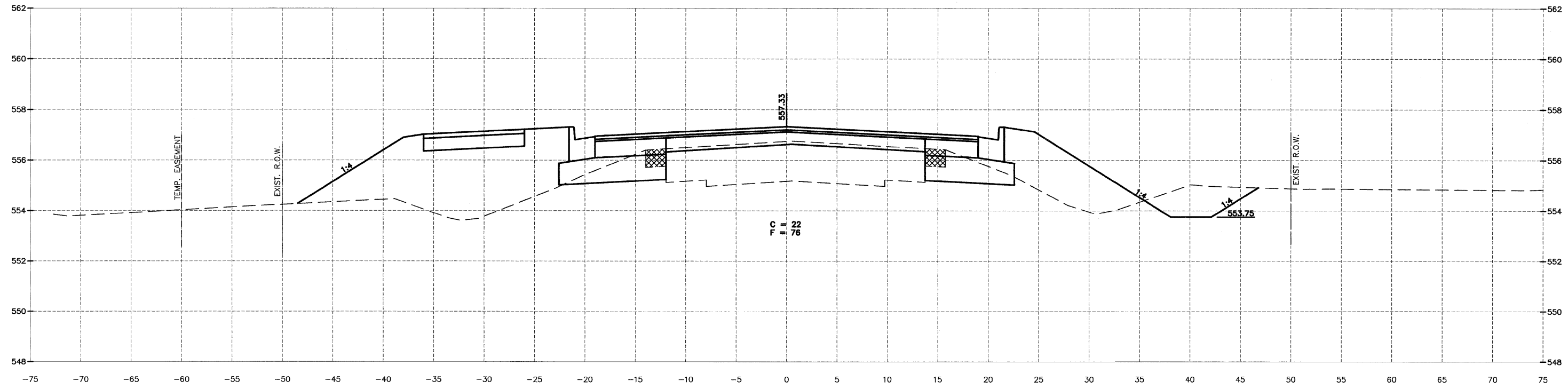
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SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

CROSS SECTION  
IL 113

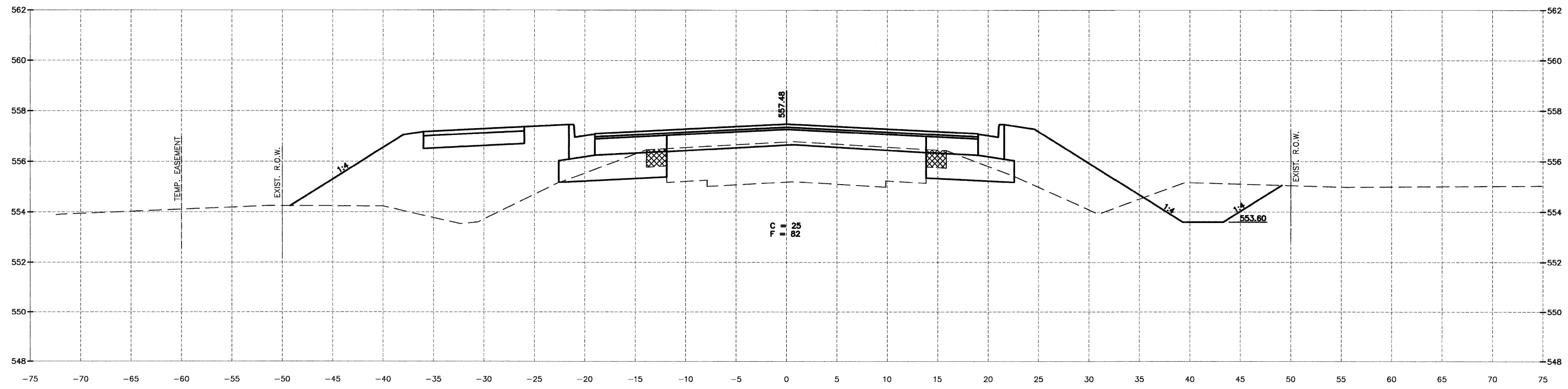
**CONSTRUCTION PLANS**

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 74
FILE NO.: 66022.01 Y-	OF 96

CHAMLIN & ASSOCIATES, INC. © 2011  
 Drawing Name: G:\Users\jkc\OneDrive\Diamond-Will-Road-IL-113-Env-Survey\CAD\ETDPO\_3-15-11.dwg, Last Modified: Mar 29, 2012 - 8:38am, Plotted on: Mar 29, 2012 - 10:11am, by nanciq



164+84.00



164+34.00

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CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 02/12				



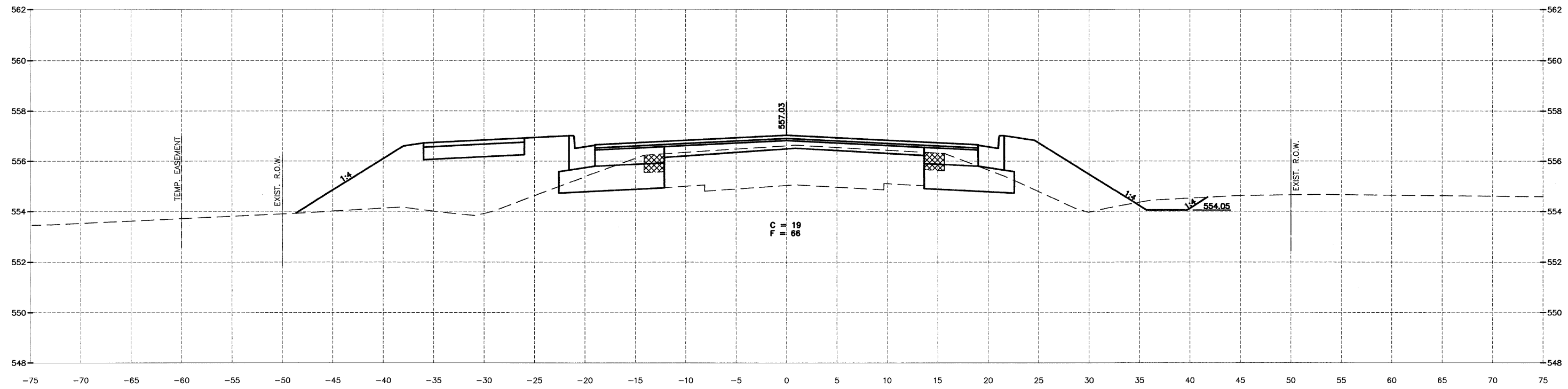
PERU MORRIS  
 ILLINOIS  
 FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

CROSS SECTION  
IL 113

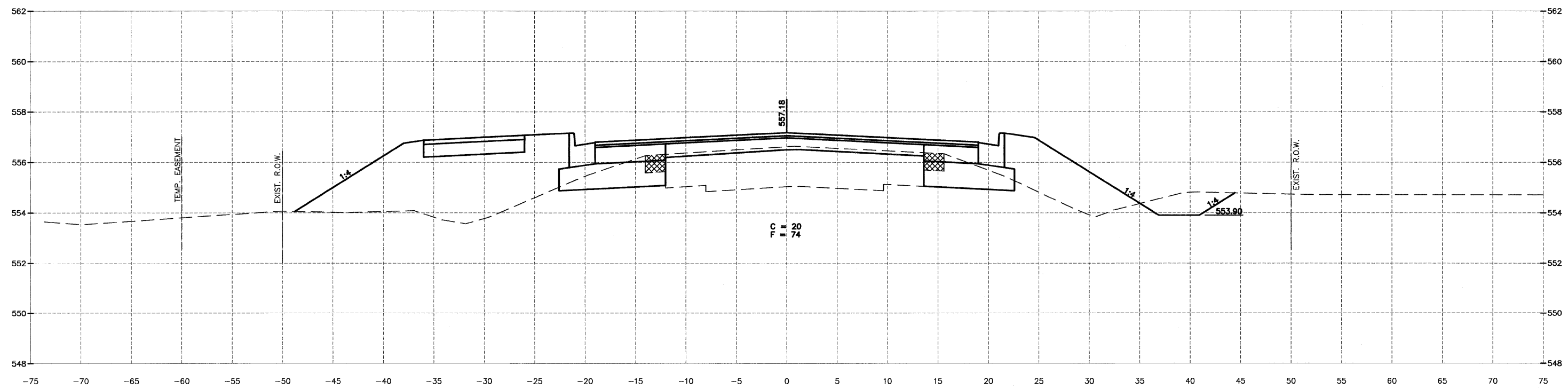
CONSTRUCTION  
PLANS

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 75
FILE NO.: 66022.01 Y-	OF 96

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165+84.00



165+34.00

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DATE: 02/12				

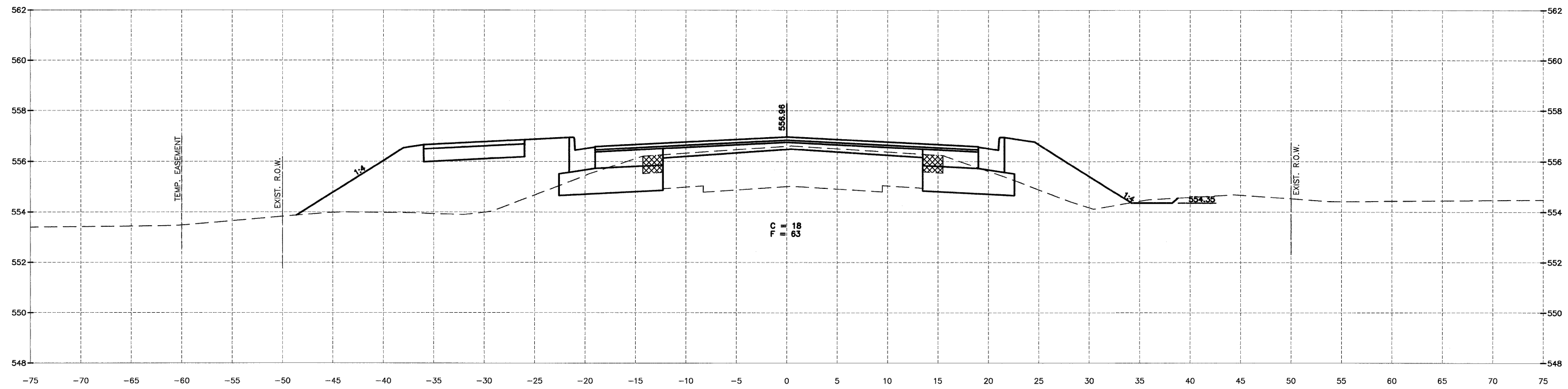
**CHAMLIN & ASSOCIATES**  
 PERU MORRIS ILLINOIS

FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

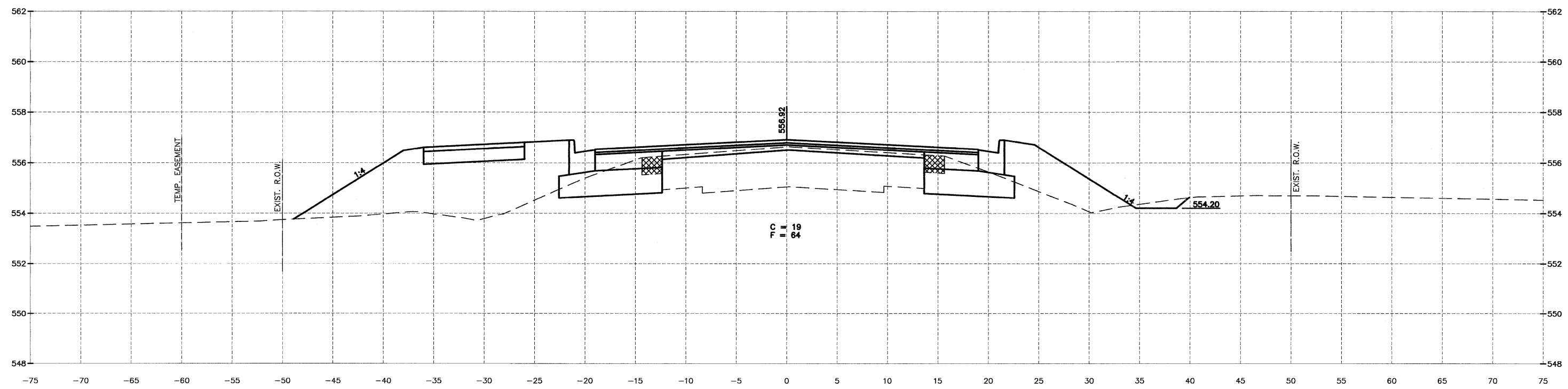
CROSS SECTION  
 IL 113

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	SHEET 76
	SCALE: AS NOTED	OF 96
FILE NO.: 66022.01 Y-		

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 Last Modified: Mar 29, 2012 - 8:36am  
 Plotted on: Mar 29, 2012 - 10:12am by nanda



166+84.00



166+34.00

DRAWN BY: NV	REVISIONS			
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DATE: 02/12				

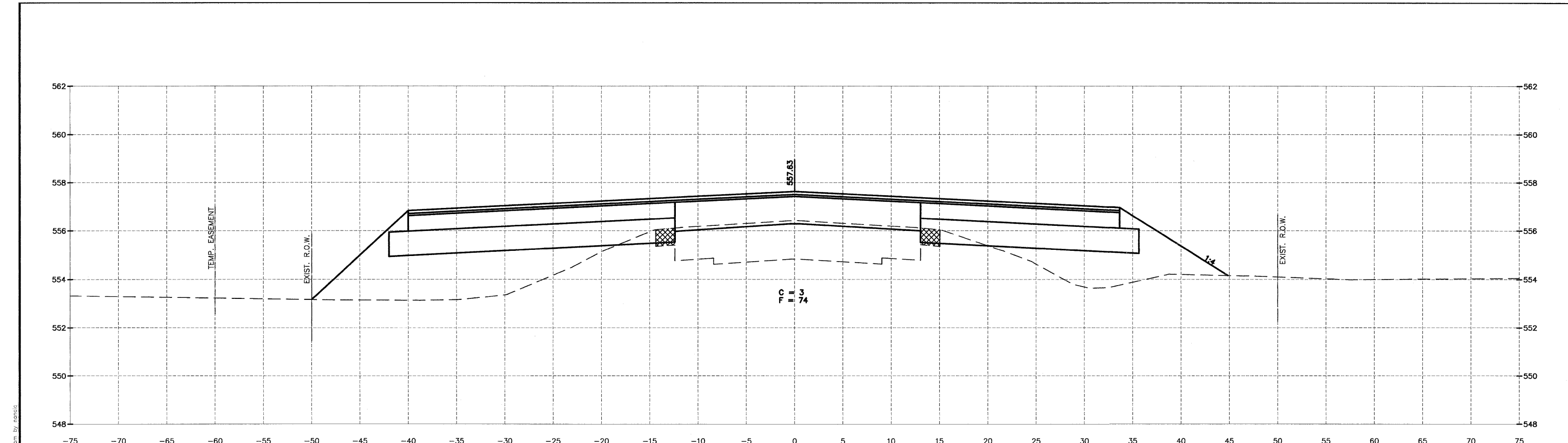


FAS 301 / FAU 383  
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 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

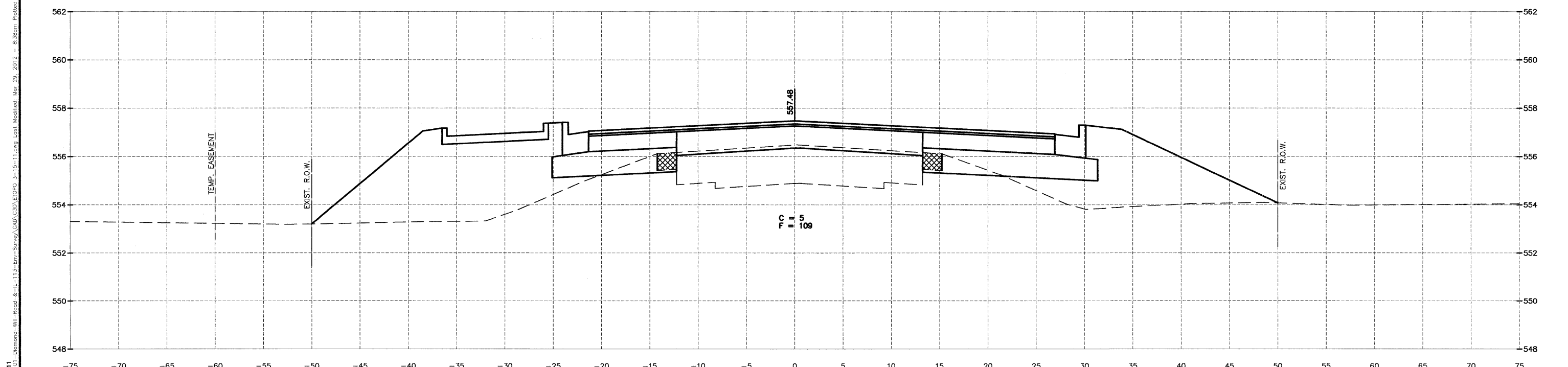
CROSS SECTION  
 IL 113

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	
	SCALE: AS NOTED	SHEET 77
	FILE NO.: 66022.01 Y-	OF 96





168+84.00



168+30.00

DRAWN BY: NV	REVISIONS			
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 02/12				



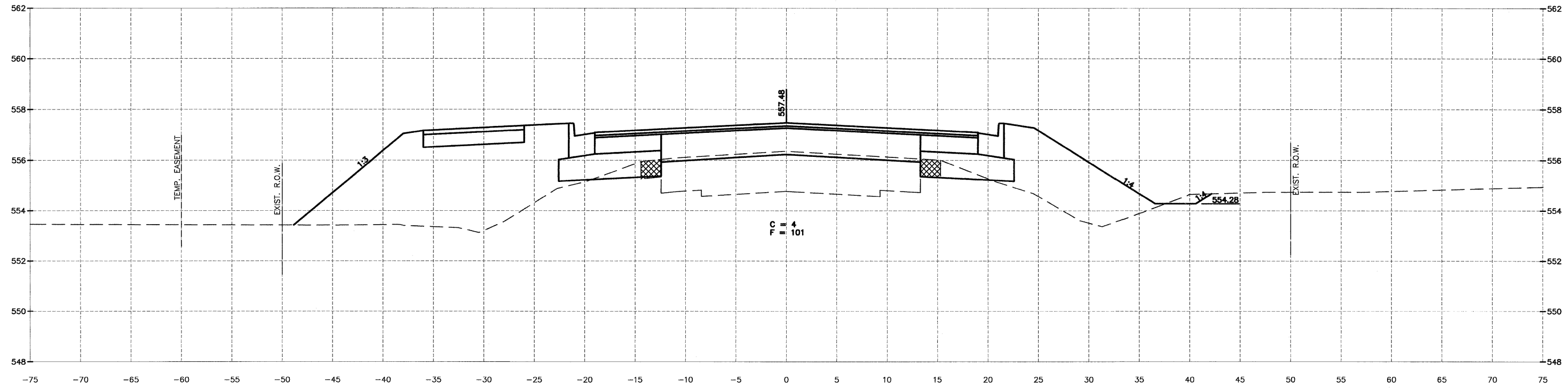
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SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

CROSS SECTION  
IL 113

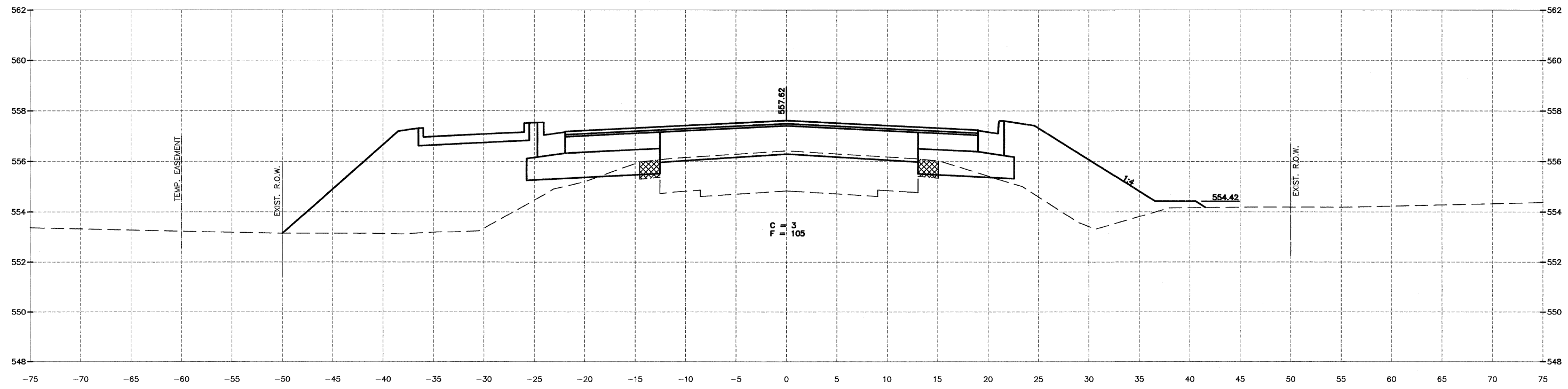
CONSTRUCTION PLANS	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	SHEET 79
	SCALE: AS NOTED	OF 96
	FILE NO.: 66022.01	Y-

CHAMBLIN & ASSOCIATES, INC. © 2011  
 Drawing Name: G:\Users\jkc\Documents\Survey\11-00007-00-WR\11-00007-00-WR.dwg  
 Plot Date: Mar 29, 2012 8:28am  
 Plot Size: 11.00 x 16.00  
 Plot Scale: 1" = 10'

CHAMLIN & ASSOCIATES, INC. © 2011  
 Drawing Name: C:\Users\jmc\OneDrive\Documents\11-00007-00-WR\11-00007-00-WR.dwg, Last Modified: Mar 29, 2012 - 8:36am, Plotted on: Mar 29, 2012 - 10:13am by nancq



169+84.00



169+34.00

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LEVEL	BY	DATE	REVISIONS	DESCRIPTION							

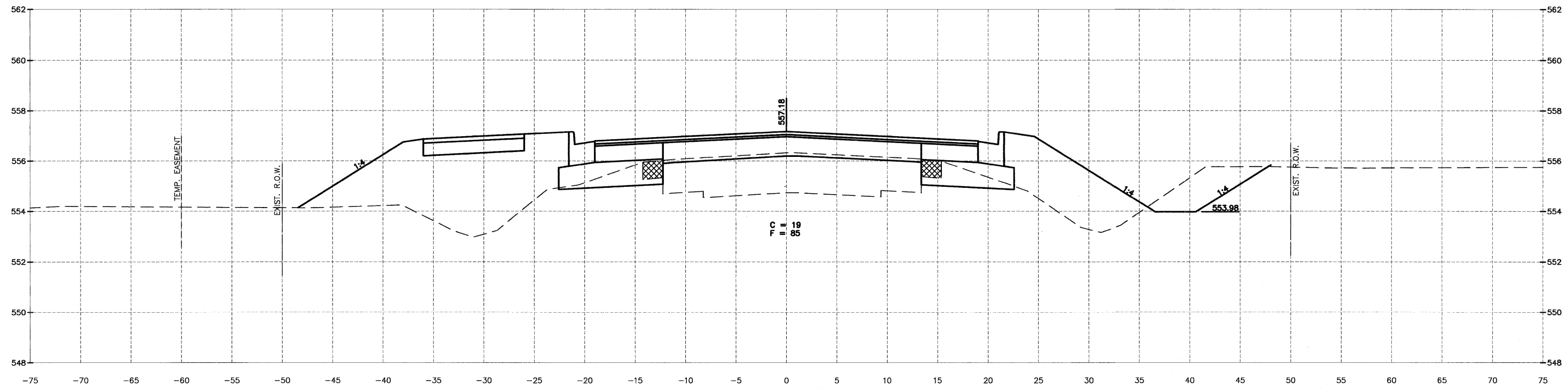


PERU MORRIS  
 ILLINOIS  
 FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

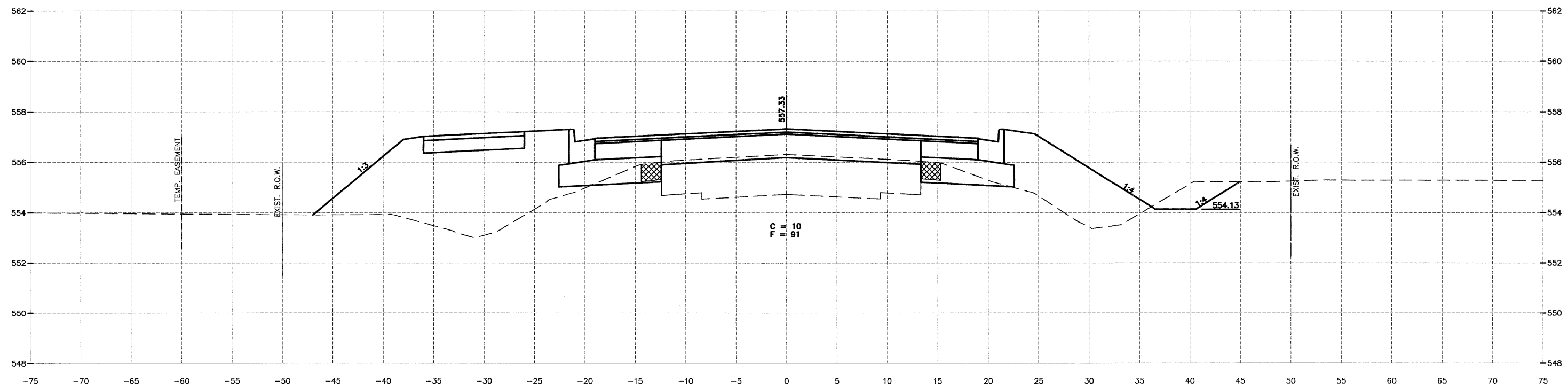
CROSS SECTION  
 IL 113

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	
	SCALE: AS NOTED	SHEET 80
FILE NO.: 66022.01 Y-		OF 96

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 Date: 02/12  
 Plot Date: Mar 29, 2012 - 8:38am  
 Plot Size: 10.13mm by nandq



170+84.00



170+34.00

DRAWN BY: NV		REVISIONS	
LEVEL	BY	DATE	DESCRIPTION
CHECKED BY: JKC			
DATE: 02/12			

**CHAMLIN & ASSOCIATES**  
 PERU MORRIS ILLINOIS

FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

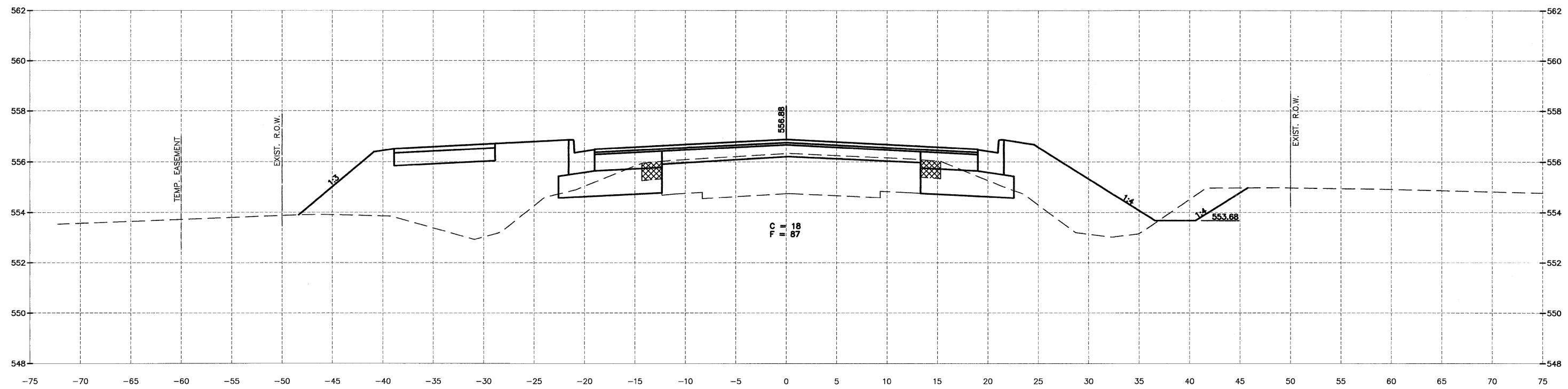
CROSS SECTION  
 IL 113

**CONSTRUCTION PLANS**

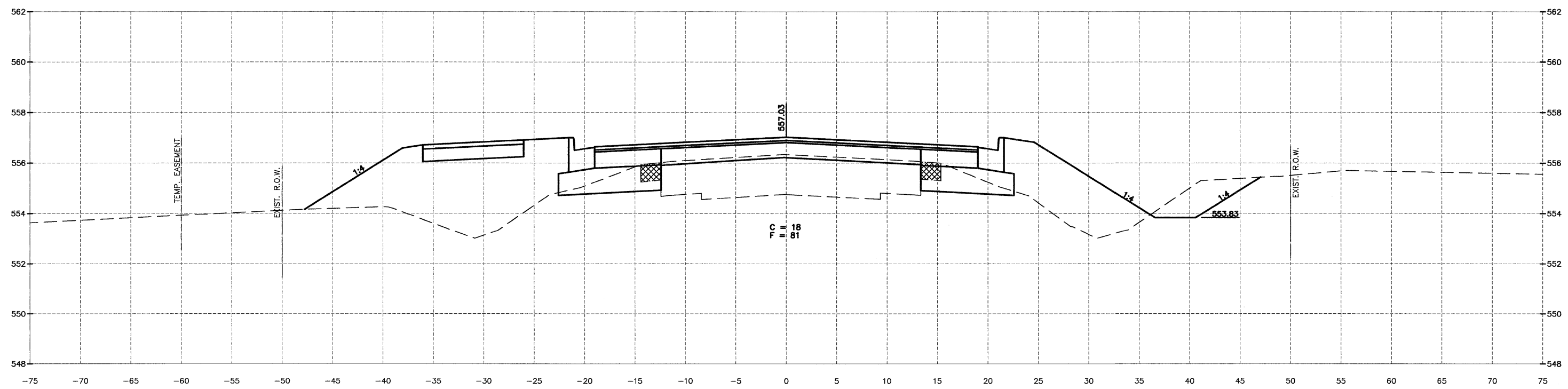
CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 81
FILE NO.: 66022.01 Y-	OF 96



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171+84.00



171+34.00

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DATE: 02/12				

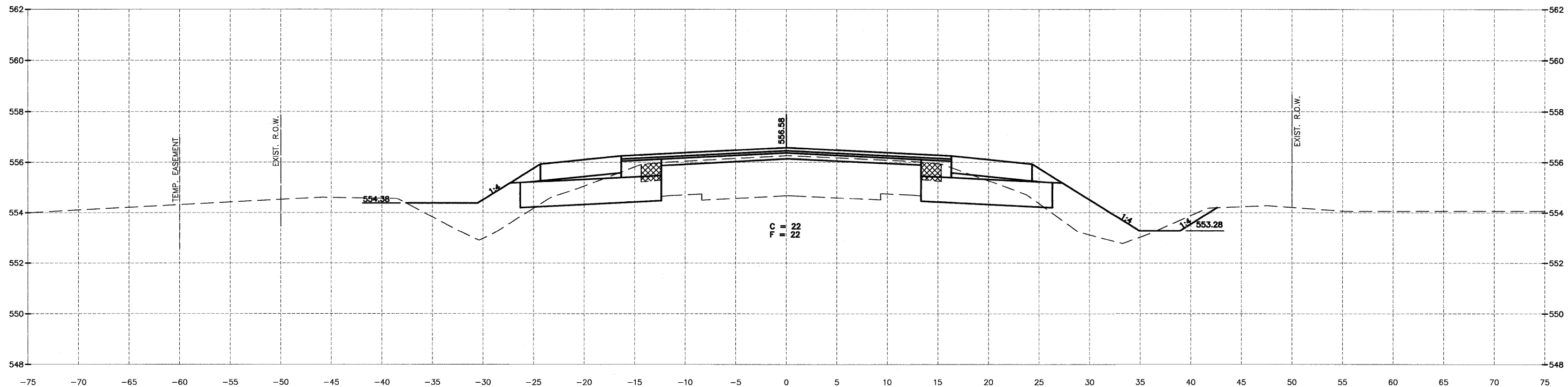


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 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

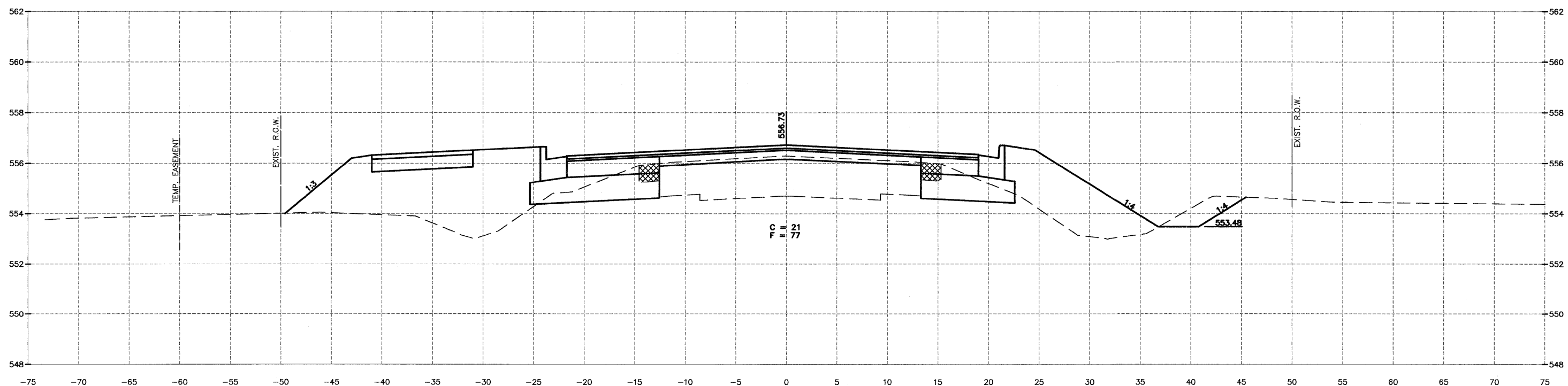
CROSS SECTION  
 IL 113

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	
	SCALE: AS NOTED	SHEET 82
	FILE NO.: 66022.01 Y-	OF 96

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 Drawing Name: G:\Users\GVA\Documents\Will-Road-&-IL-113-Env-Survey\CAD\ETDPO\_3-15-11.dwg, Last Modified: Mar 29, 2012 - 8:39am, Plotted on: Mar 28, 2012 - 10:14am, by nandig



172+84.00



172+34.00

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DATE: 02/12				

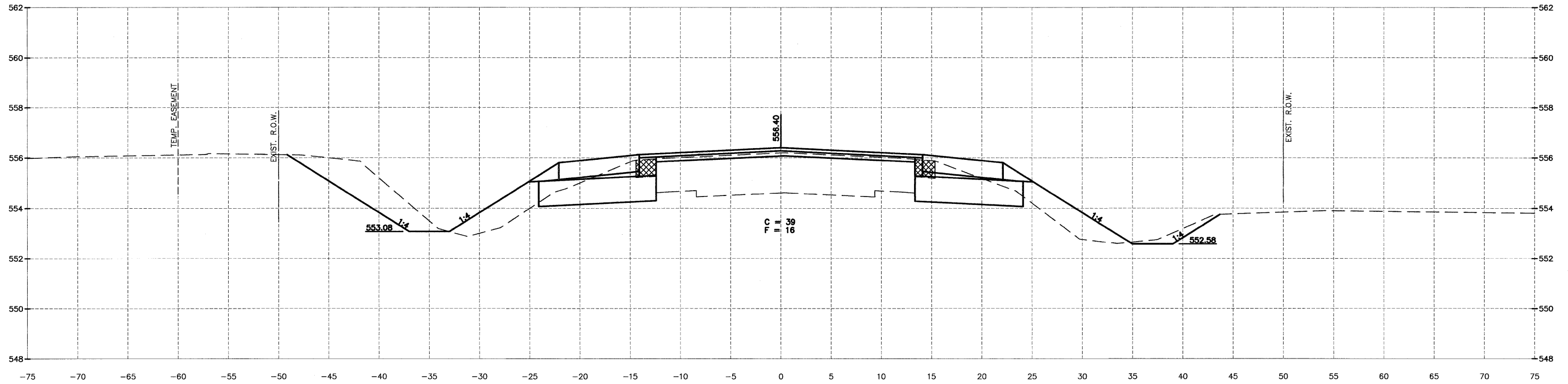


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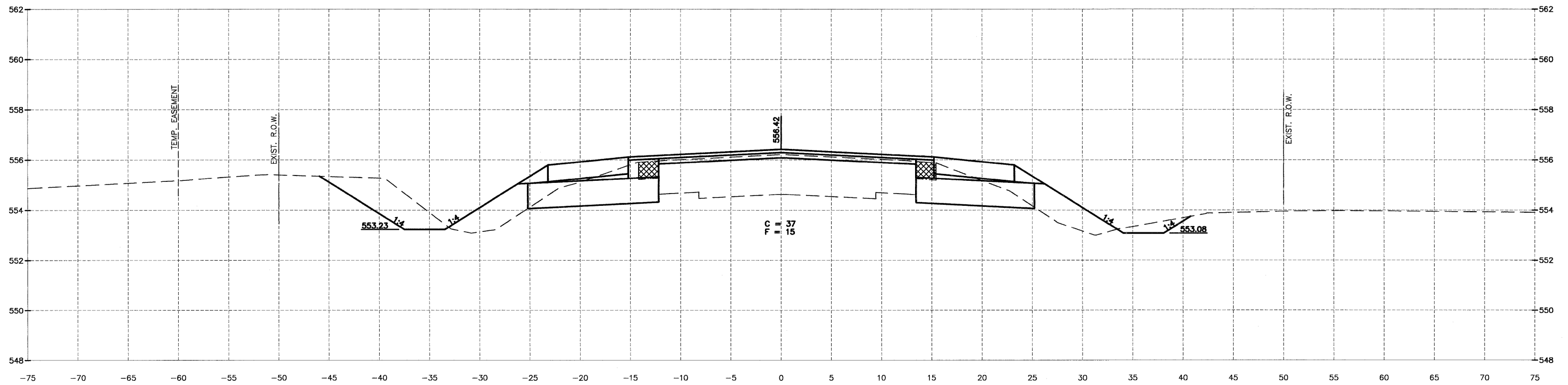
CROSS SECTION  
 IL 113

**CONSTRUCTION  
 PLANS**

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 83
FILE NO.: 66022.01 Y-	OF 96



173+84.00



173+34.00

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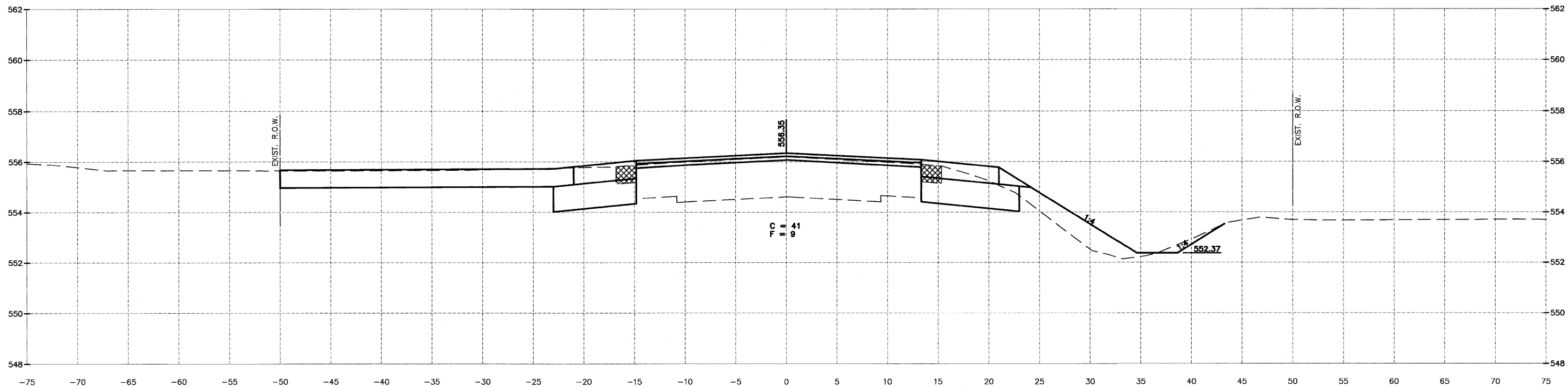
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**CHAMLIN & ASSOCIATES**  
 PERU MORRIS ILLINOIS

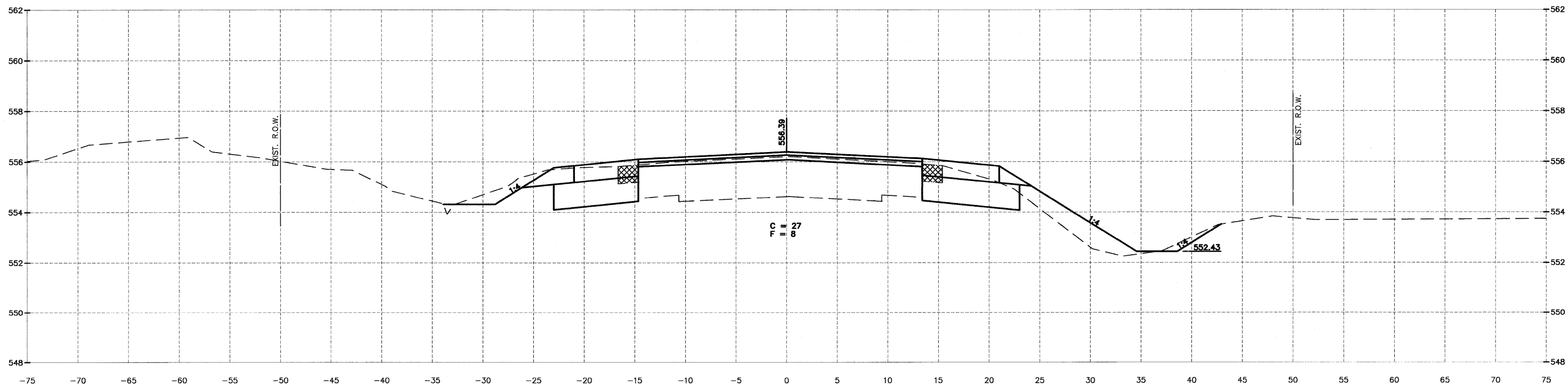
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 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

CROSS SECTION  
 IL 113

**CONSTRUCTION PLANS**  
 CONTRACT NO. 87520  
 CURRENT AS OF: 02/12  
 SCALE: AS NOTED  
 FILE NO.: 66022.01 Y-  
 SHEET 84 OF 96



174+53.00



174+34.00

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DATE: 02/12				

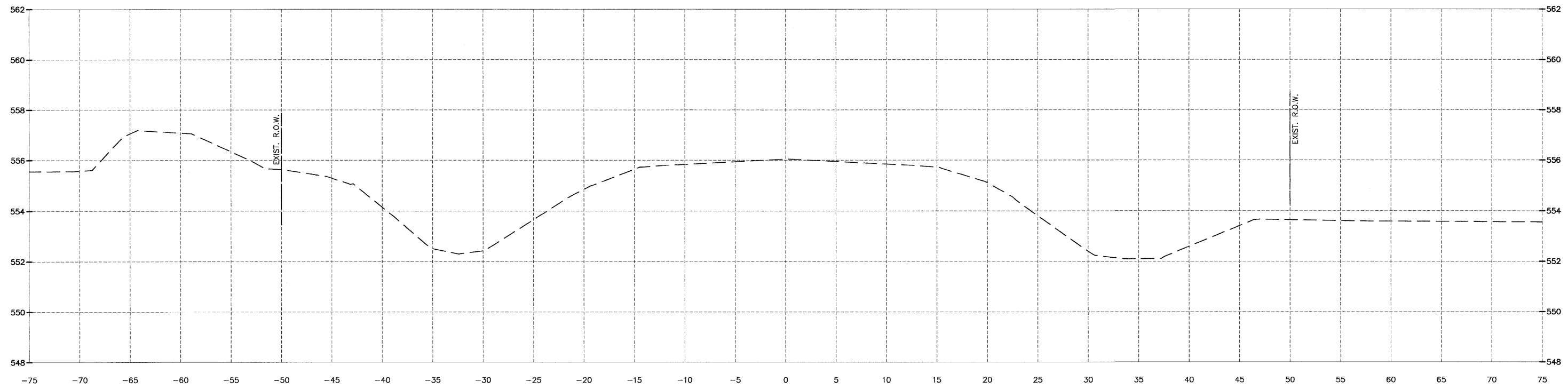


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 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

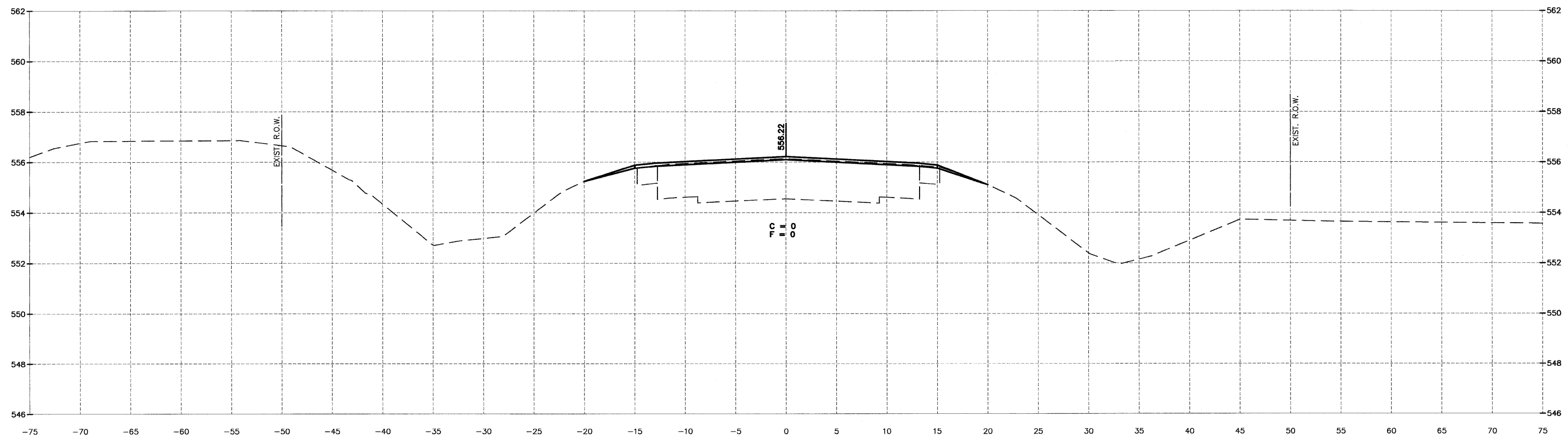
CROSS SECTION  
 IL 113

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	SHEET 85
	SCALE: AS NOTED	OF 96
FILE NO.: 66022.01 Y-		

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175+34.00



174+84.00

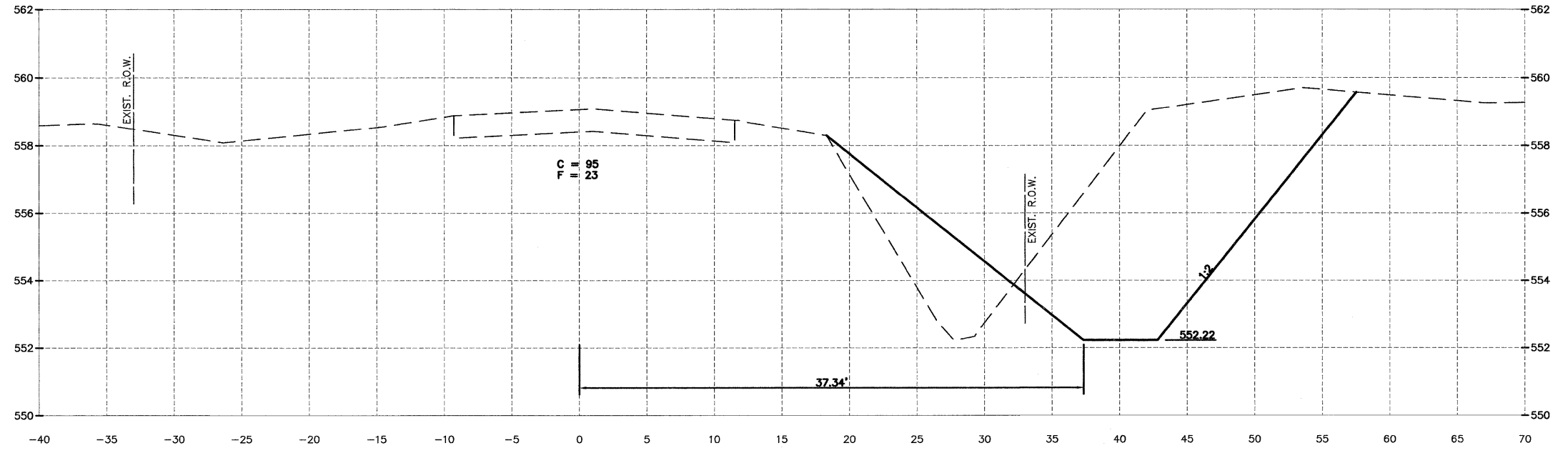
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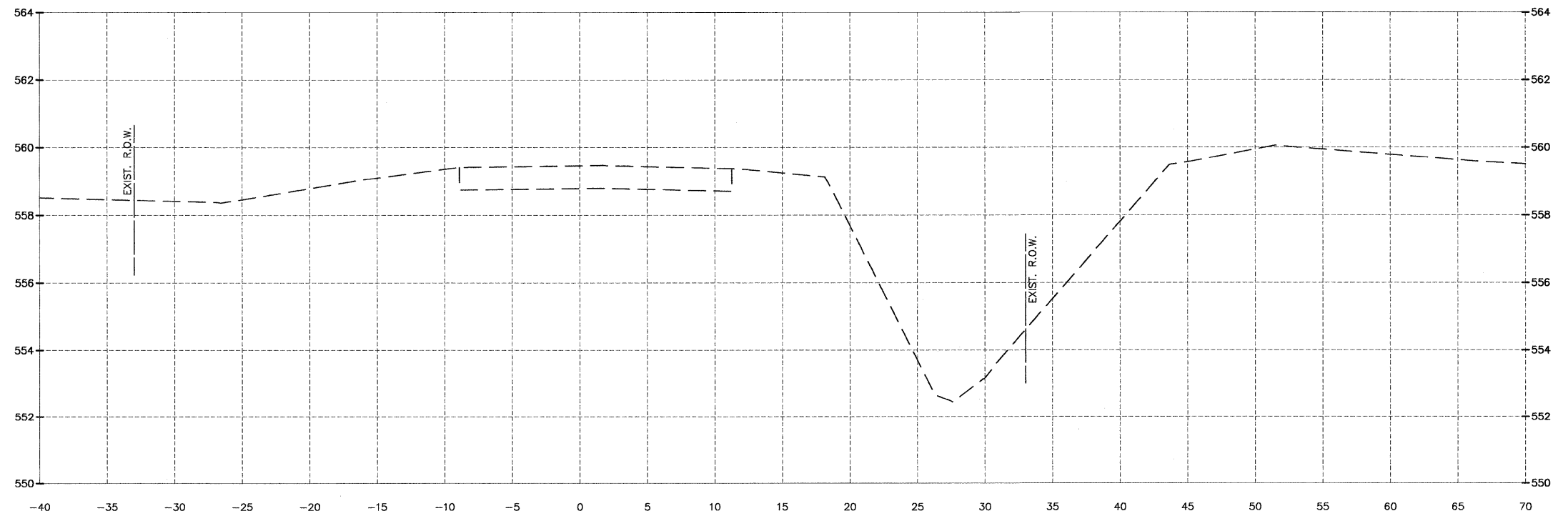
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 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

CROSS SECTION  
 IL 113

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
	CURRENT AS OF: 02/12	SHEET 86
	SCALE: AS NOTED	FILE NO.: 66022.01 Y- OF 96



95+50.00



95+03.00

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 Drawing Name: G:\Users\GAM\OneDrive\Diamond-Will\Road-&L-113-Env-Survey\CAD\CAD\ETDPO 3-15-11.dwg, Last Modified: Mar 29, 2012 - 8:36am, Plotted on: Mar 29, 2012 - 10:16am, by: nancq

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DATE: 02/12				

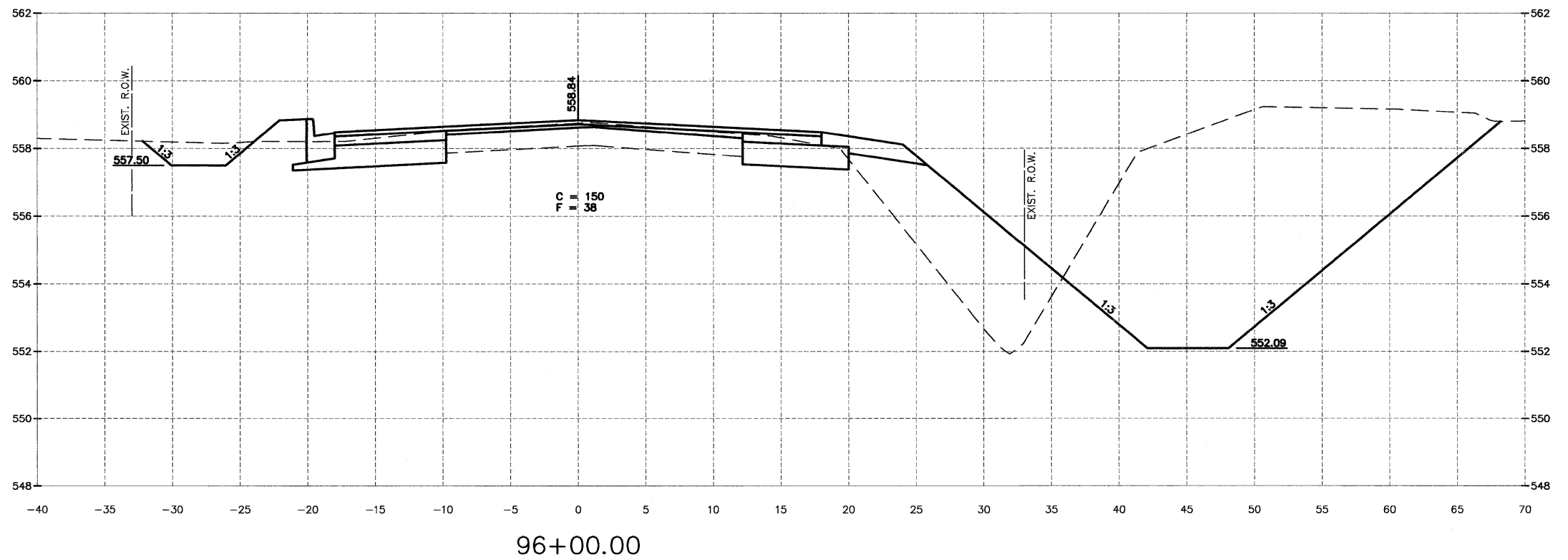
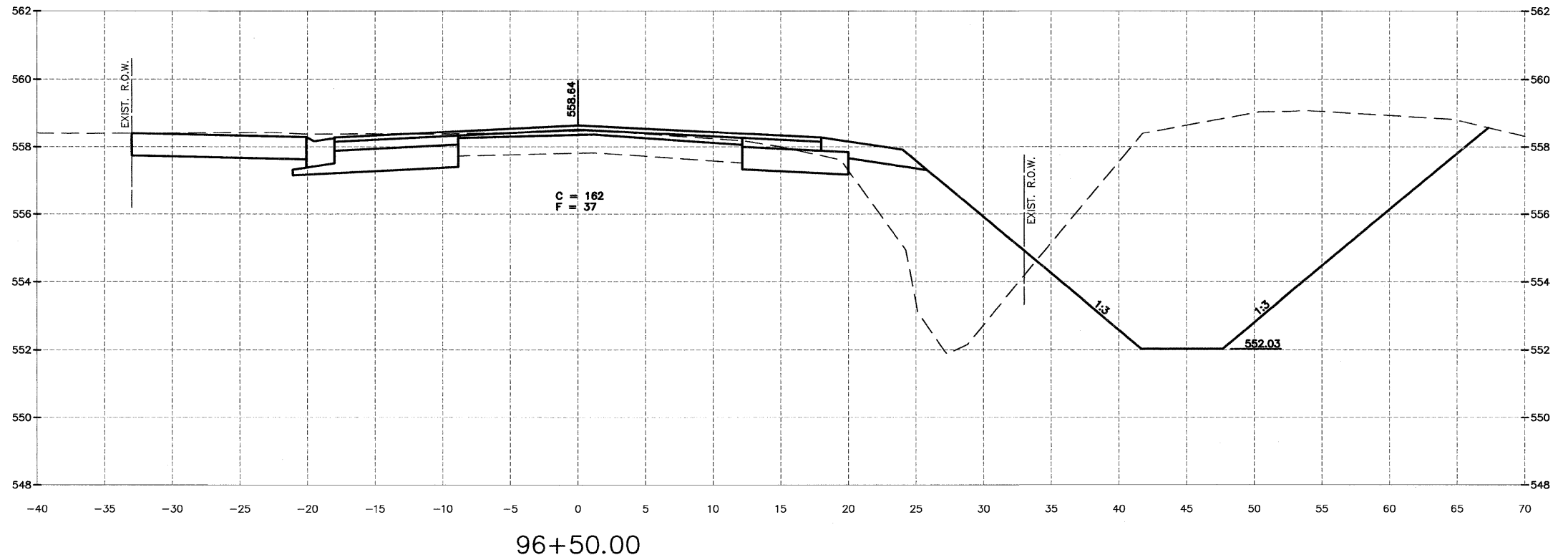


FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

CROSS SECTION  
 WILL ROAD (SOUTH)

CONSTRUCTION  
 PLANS

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
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FILE NO.: 66022.01 Y-	OF 96



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DATE: 02/12				

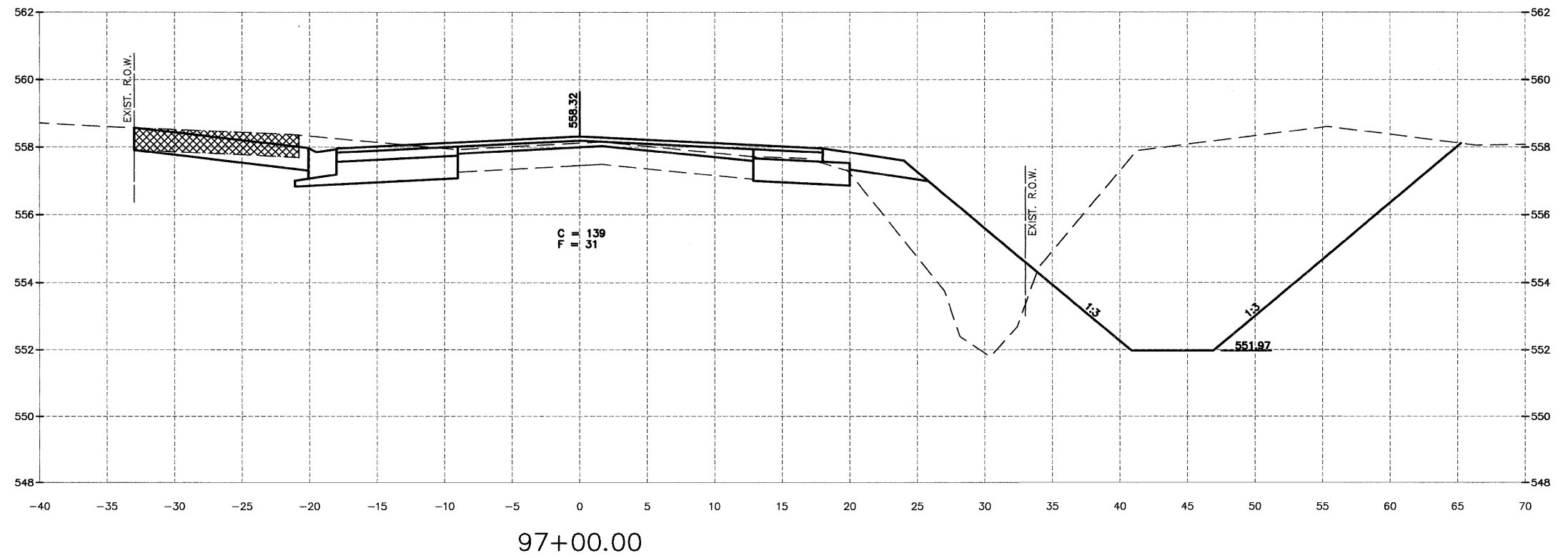
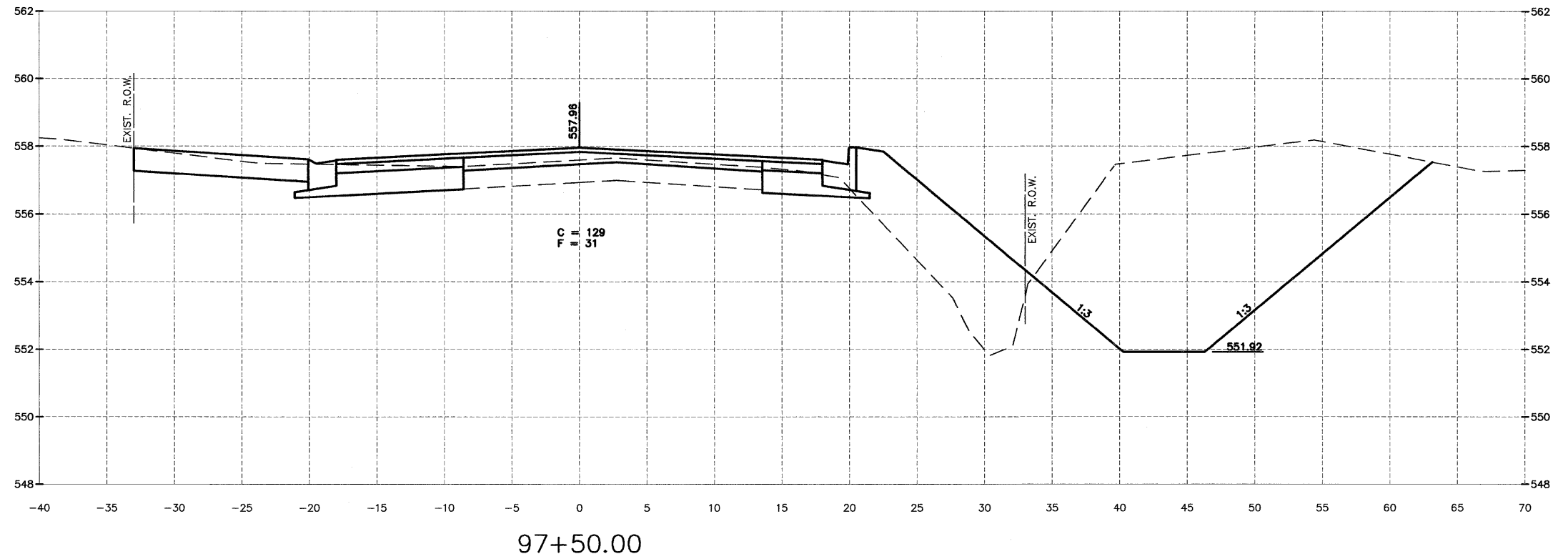


FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

CROSS SECTION  
 WILL ROAD (SOUTH)

**CONSTRUCTION  
 PLANS**

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SCALE: AS NOTED	SHEET 88
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 Drawing Name: G:\Users\A\66022-01-Diamond-Will-Road-IL-113-Fwy-Survey\CAD\ETOPD 3-11-11.dwg, Last Modified: Mar 29, 2012 - 8:38am, Plotted on: Mar 29, 2012 - 10:10am, by: hancich

DRAWN BY: NV	REVISIONS			
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 02/12				


**CHAMLIN & ASSOCIATES**  
 PERU MORRIS ILLINOIS

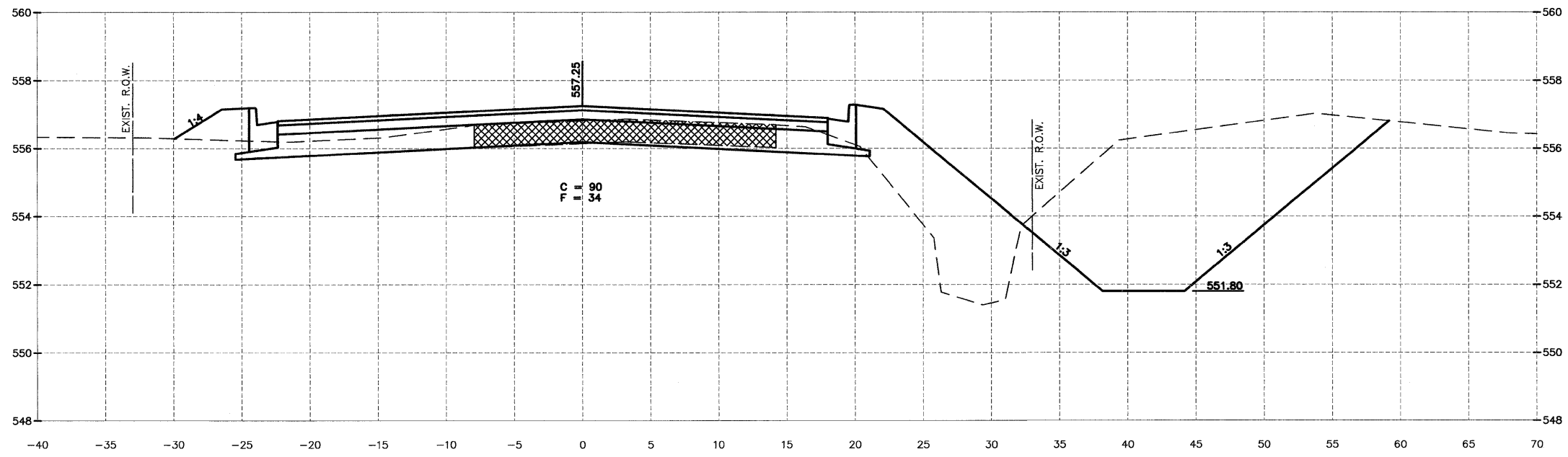
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 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

CROSS SECTION  
 WILL ROAD (SOUTH)

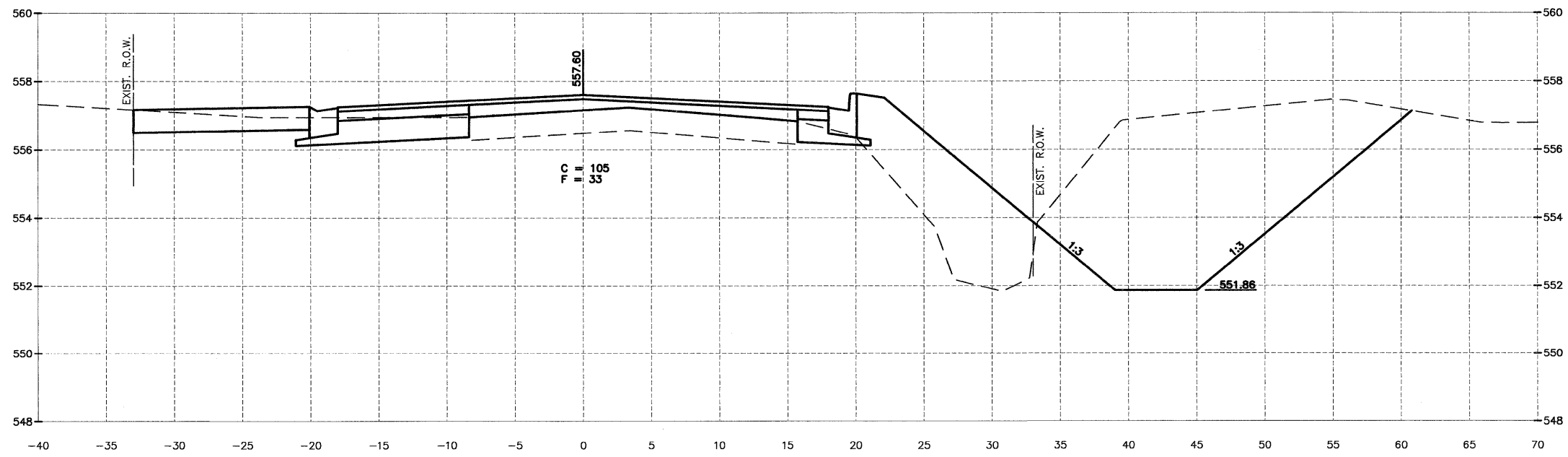
**CONSTRUCTION  
 PLANS**

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SCALE: AS NOTED	SHEET 89
FILE NO.: 66022.01 Y-	OF 96





98+50.00



98+00.00

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Drawing Name: G:\Users\G\Projects\11-00007-00-Will-Road-Peru-Morris\11-00007-00-Will-Road-Peru-Morris.dwg  
Last Modified: Mar 29, 2012 8:38am  
Printed on: Mar 29, 2012 10:24am  
By: nandh

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DATE: 02/12				

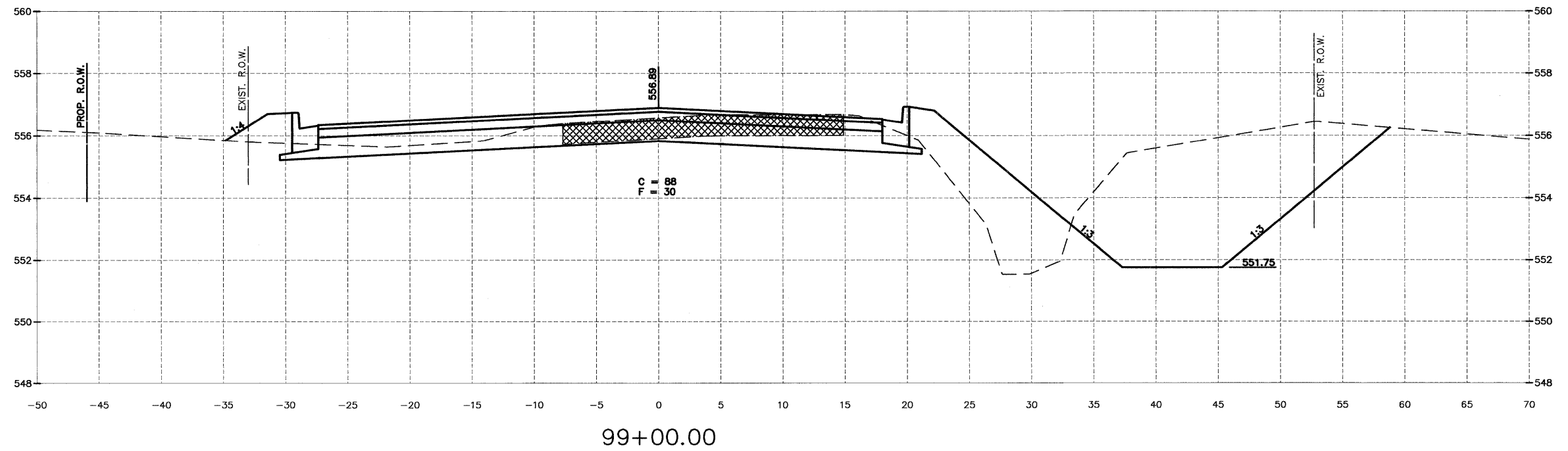
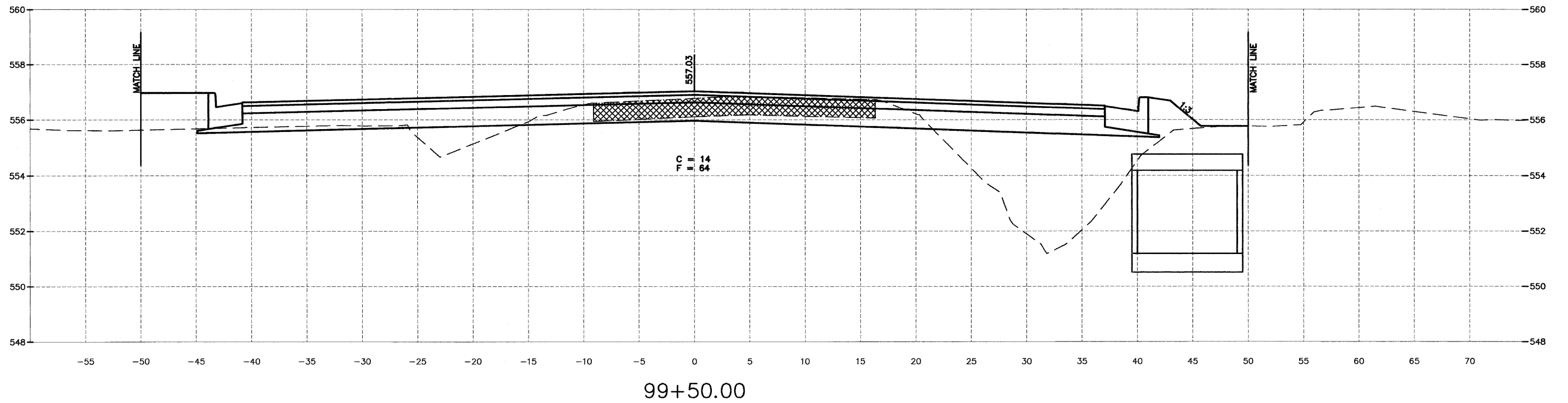


FAS 301 / FAU 383  
SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

CROSS SECTION  
WILL ROAD (SOUTH)

CONSTRUCTION  
PLANS

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FILE NO.: 66022.01 Y-	OF 96



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 Drawing Name: C:\Users\A\66022-01-Diamond-Will-Road-&L-112-Env-Survey\CD\ETDPO-3-15-11.dwg, Last Modified: Mar 29, 2012 - 8:35am, Plotted on: Mar 28, 2012 - 10:24am by nandak

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DATE: 02/12				



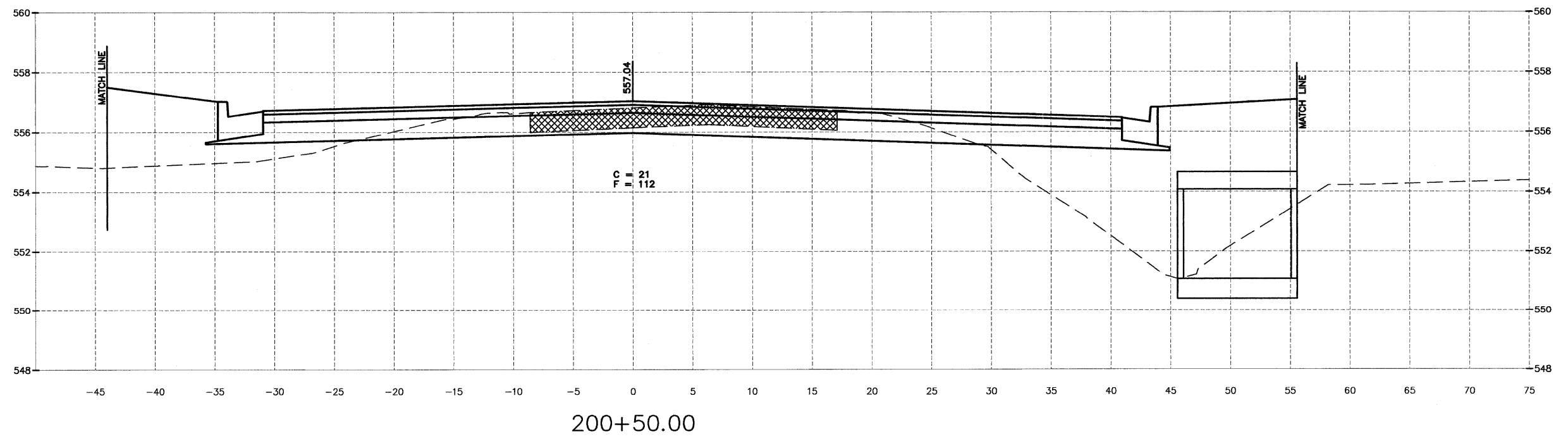
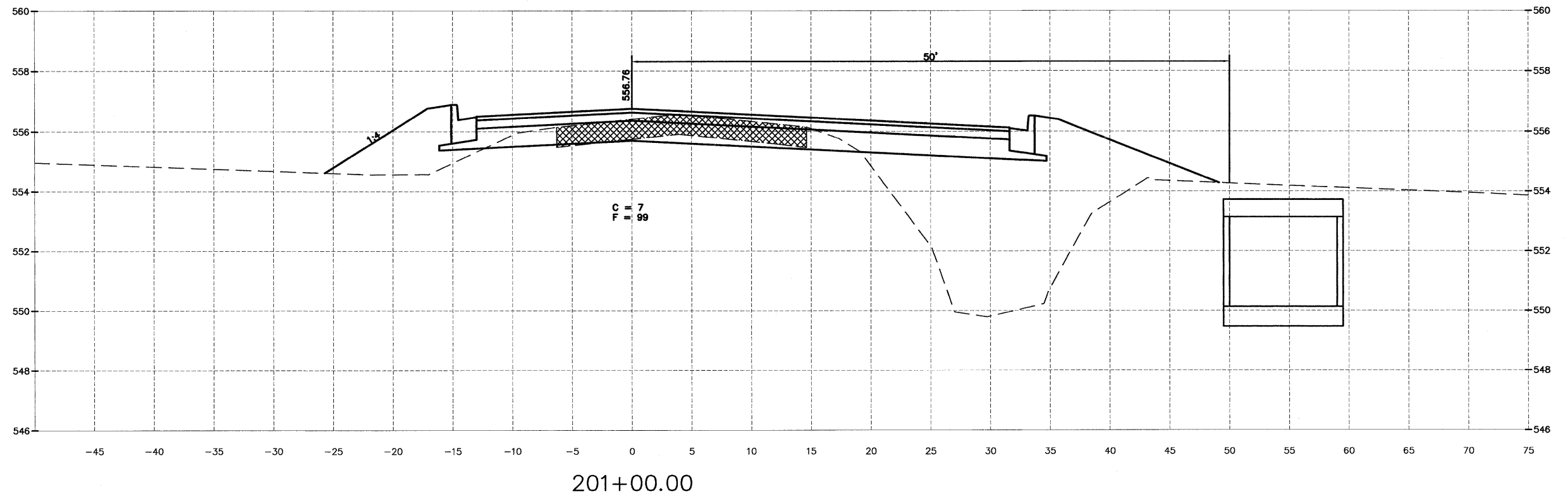
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SECTION 11-00007-00-WR  
VILLAGE OF DIAMOND  
GRUNDY AND WILL COUNTIES

CROSS SECTION  
WILL ROAD (SOUTH)

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FILE NO.: 66022.01 Y-	

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 Drawing Name: G:\Users\j\66022-01 - Diamond-Will-Road-&-L-11-Env-Survey\CAD\ETDPO\_3-19-11.dwg Last Modified: Mar 29, 2012 - 8:38am Plotted on: Mar 29, 2012 - 10:28am by handbk



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DATE: 02/12				

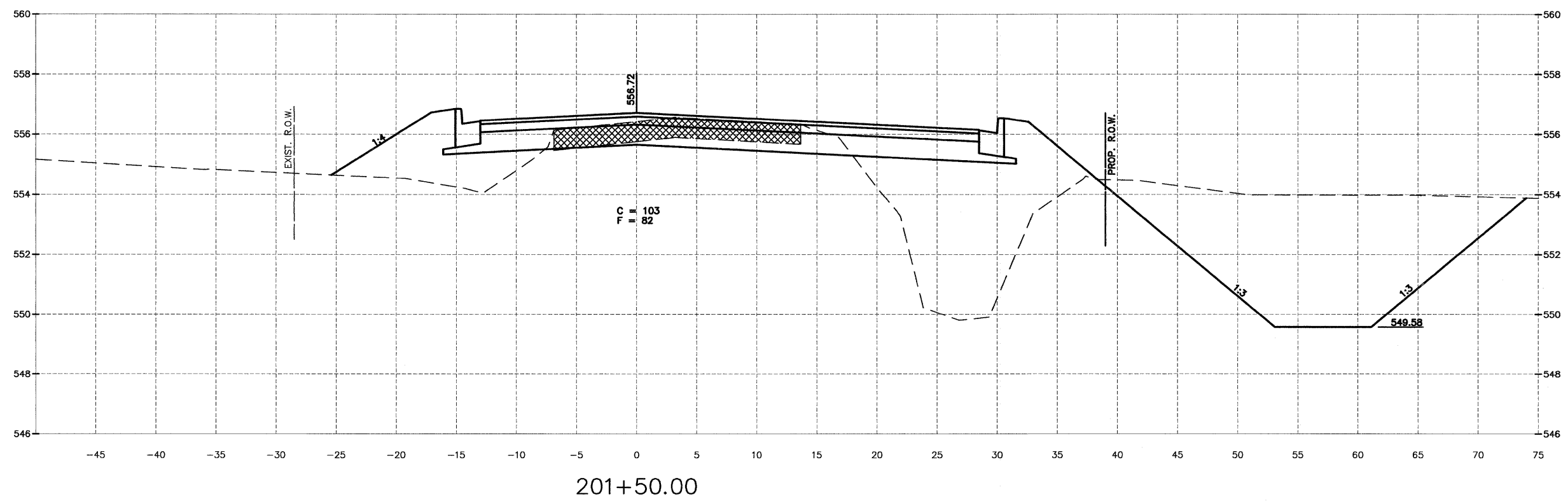
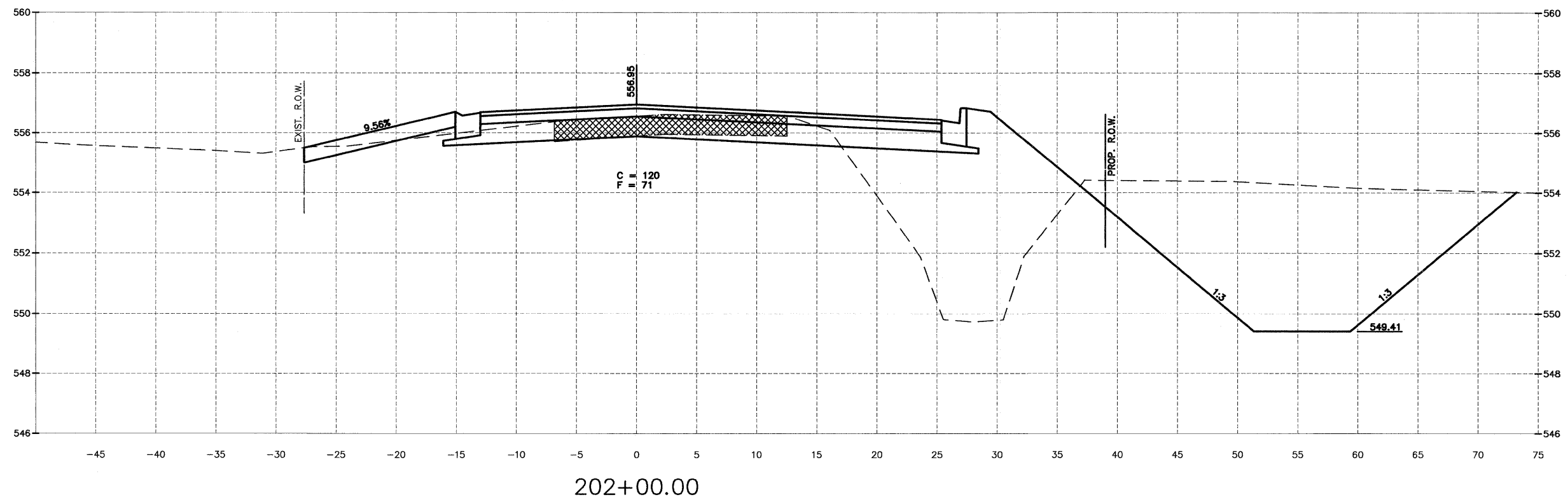

**CHAMLIN ASSOCIATES**  
 PERU MORRIS ILLINOIS

FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

**CROSS SECTION**  
 WILL ROAD (NORTH)

<b>CONSTRUCTION PLANS</b>	CONTRACT NO. 87520	
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	SCALE: AS NOTED	OF 96
FILE NO.: 66022.01 Y-		

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 Drawing Name: G:\Users\jnk\Documents\Will-Road-11.3-Env-Survey\CAD\ETDPO\_3-15-11.dwg Last Modified: Mar 29, 2012 -- 8:38am Plotted on: Mar 29, 2012 -- 10:25am by nancq



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DATE: 02/12				



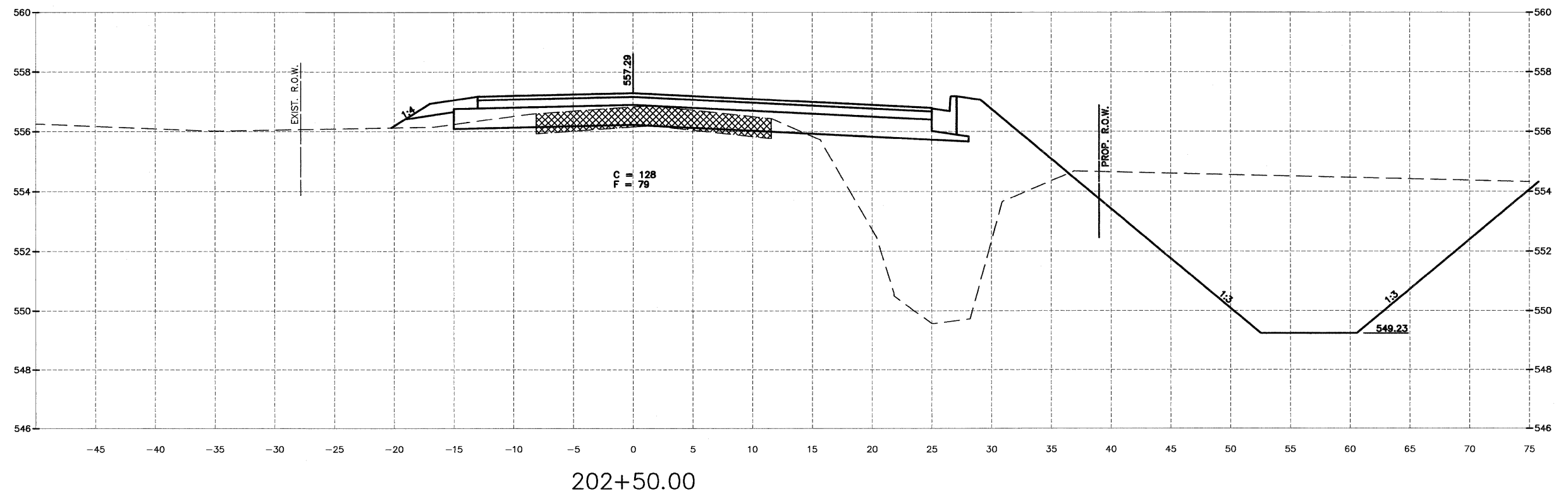
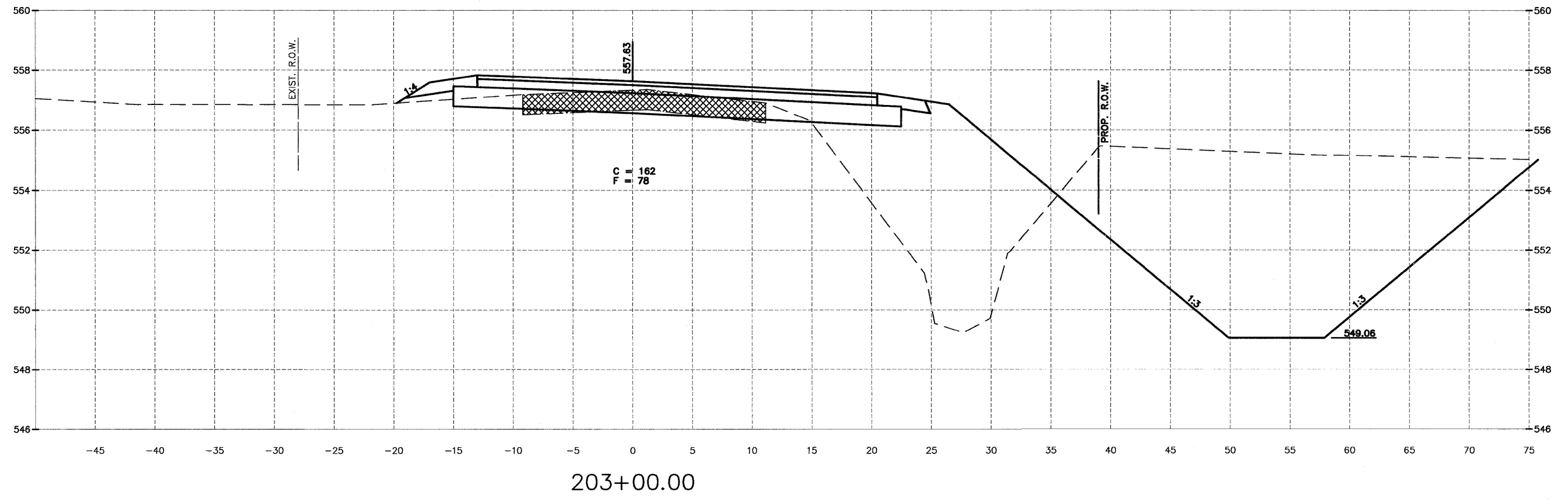
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 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

CROSS SECTION  
 WILL ROAD (NORTH)

**CONSTRUCTION  
 PLANS**

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CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 93
FILE NO.: 66022.01 Y-	OF 96

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 Drawing Name: C:\Users\G\Users\G\66022-01-Diamond-Will-Road-&-IL-113-Env-Survey\CAD\ETOPD 3-15-11.dwg Last Modified: Mar 29, 2012 - 8:38am Plotted on: Mar 29, 2012 - 10:25am By: nandq



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CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 02/12				

**CHAMBLIN & ASSOCIATES**  
 PERU MORRIS ILLINOIS

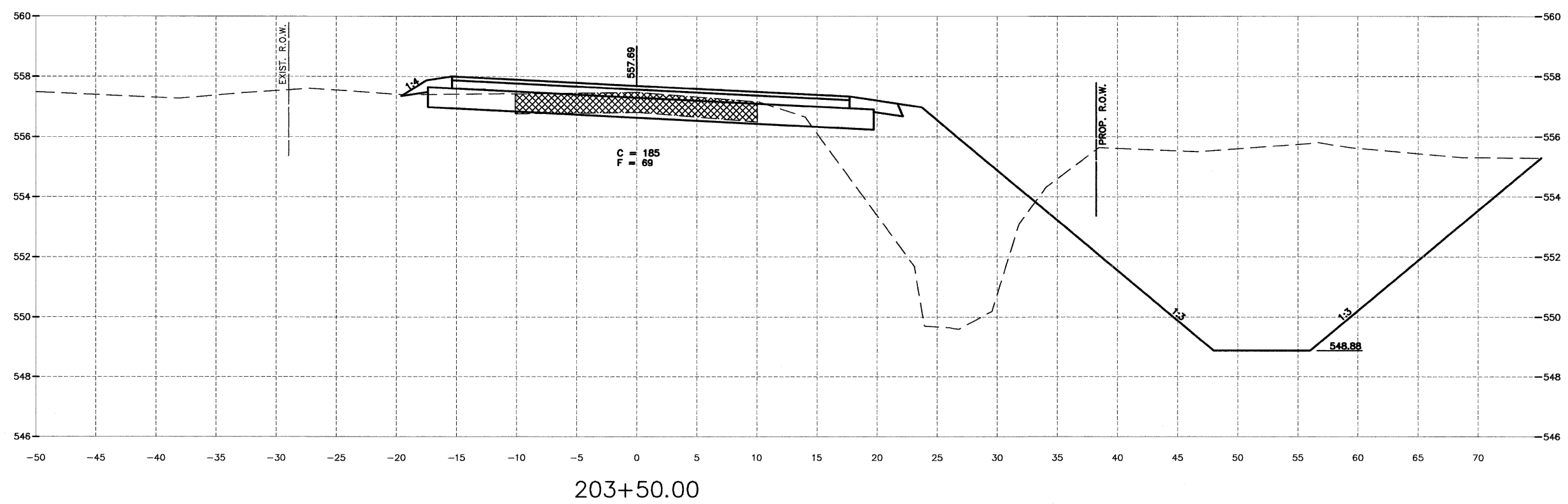
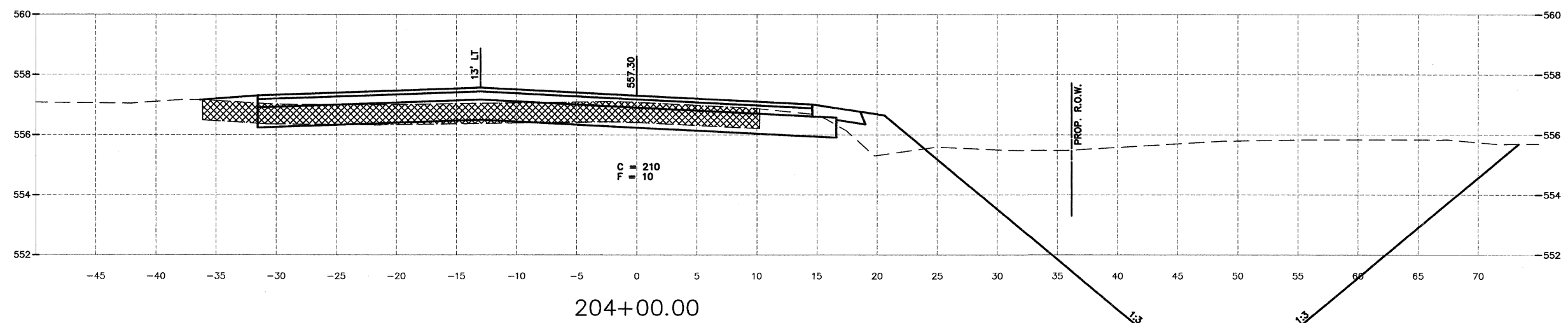
FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

CROSS SECTION  
 WILL ROAD (NORTH)

**CONSTRUCTION  
 PLANS**

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 94
FILE NO.: 66022.01 Y-	OF 96

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 Drawing Name: C:\Users\Nancy\Documents\11-00007-00-Will-Road-Grundy-County\11-00007-00-Will-Road-Grundy-County.dwg  
 Date: 02/12  
 Plot Date: 02/12  
 Plot Time: 8:38am  
 Plotter: HP DesignJet 500



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	LEVEL	BY	DATE	DESCRIPTION
CHECKED BY: JKC				
DATE: 02/12				



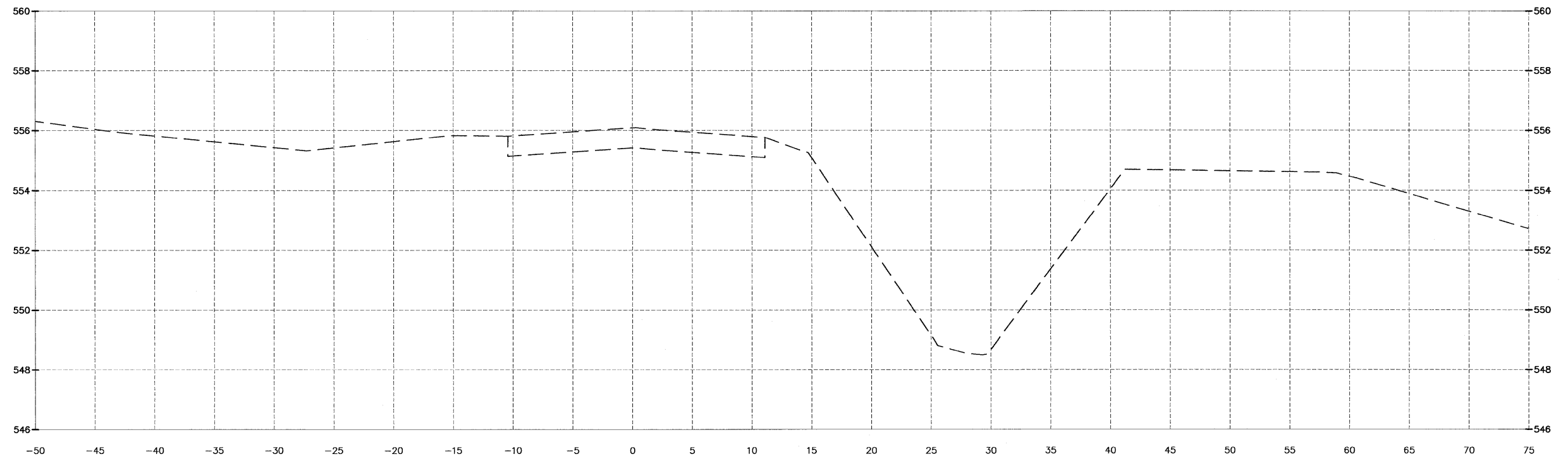
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 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

CROSS SECTION  
 WILL ROAD (NORTH)

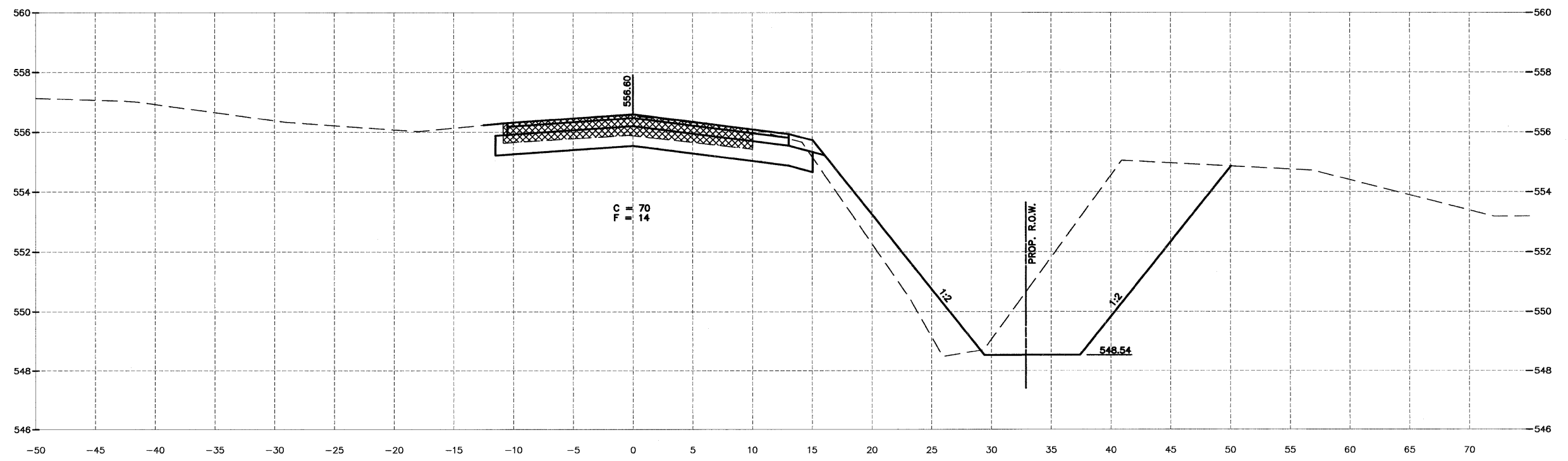
**CONSTRUCTION  
 PLANS**

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	
SCALE: AS NOTED	SHEET 95
FILE NO.: 66022.01 Y-	OF 96

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 Drawing Name: G:\Users\GJ\Documents\Will-Road-&-L-113-Env-Survey\CAD\ETDPO 3-15-11.dwg, Last Modified: Mar 29, 2012 - 8:38am Plotted on: Mar 28, 2012 - 10:26am by nandg



204+95.00



204+50.00

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CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 02/12				



FAS 301 / FAU 383  
 SECTION 11-00007-00-WR  
 VILLAGE OF DIAMOND  
 GRUNDY AND WILL COUNTIES

CROSS SECTION  
 WILL ROAD (NORTH)

**CONSTRUCTION  
 PLANS**

CONTRACT NO. 87520	
CURRENT AS OF: 02/12	SHEET 96
SCALE: AS NOTED	OF 96
FILE NO.: 66022.01 Y-	