7-30-10 LETTING ITEM 076

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED LOCAL AGENCY IMPROVEMENT
FEDERAL-AID PROJECT

ROUTE	SECTION	SHEET
08	04-00361-00-PV	01 OF 56

HONONEGAH ROAD

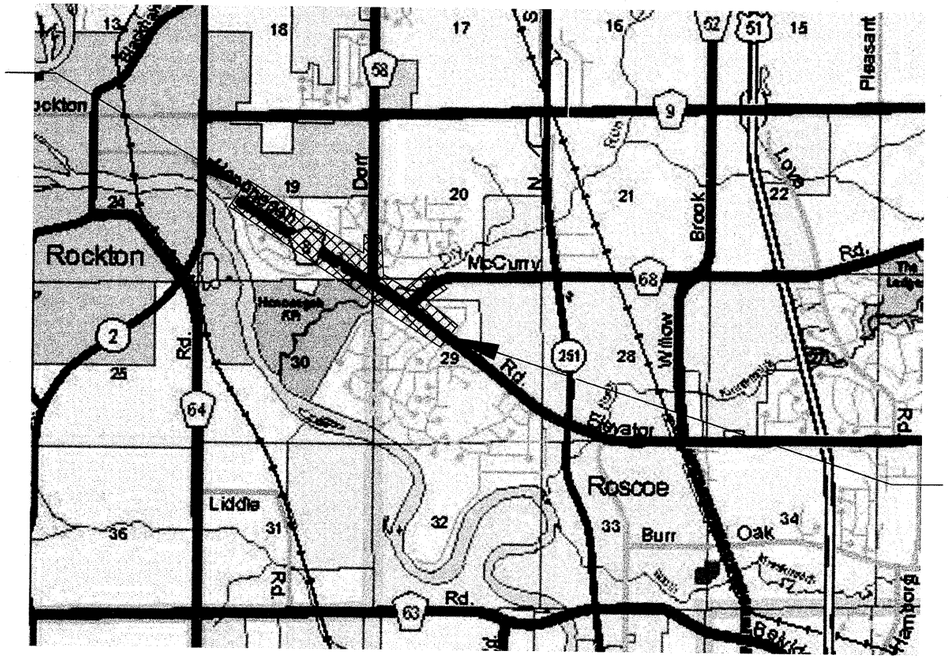
FAU 9880/CH 8 (HONONEGAH ROAD)
SECTION 04-00361-00-PV
PROJECT ARA-M-5291 (016)
JOB NO. C-92-115-10
CONTRACT NO. 85516
WINNEBAGO COUNTY

INDEX OF SHEETS

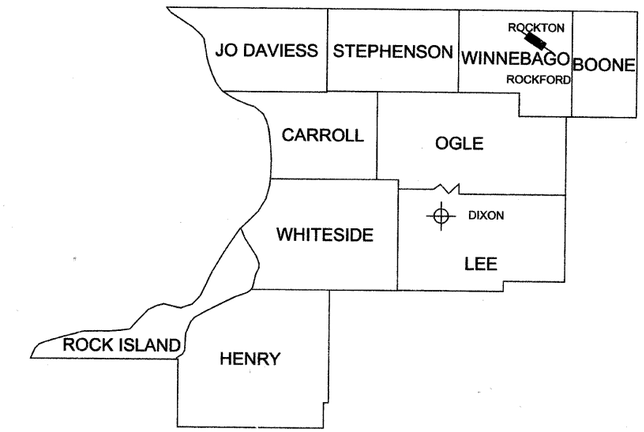
BEGIN PROJECT
STA 51+30.61

STANDARDS

280001-05	TEMPORARY EROSION CONTROL SYSTEMS
353001-04	PCC BASE CSE WITH HMA BINDER & SURFACE CSE
424001-05	CURB RAMPS FOR SIDEWALKS
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-01	METAL END SECTION FOR PIPE CULVERTS
602401-02	MANHOLE - TYPE A
602406-03	MANHOLE - TYPE A 6 FT DIA .
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-03	FRAME & LIDS TYPE 1
604026-02	FRAME & GRATE TYPE 6
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB & GUTTER
606006-02	OUTLETS FOR CONCRETE CURB & GUTTER TYPE B-6.24
630301-05	SHOULDER WIDENING FOR TYPE-1 (SPECIAL) GUARDRAIL TERMINALS
631031-08	TRAFFIC BARRIER TERMINAL, TYPE 6
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
701011-02	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS DAY ONLY
701326-03	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEED >= 45 MPH
701331-03	LANE CLOSURE, WITH RUN-AROUND, for SPEED ≥ 45 MPH
701426-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER.. FOR SPEEDS ≥ 45 MPH
701501-05	LANE CLOSURE, URBAN, 2L, 2W, UNDIVIDED
701502-03	LANE CLOSURE, URBAN, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-01	TRAFFIC CONTROL DEVICES
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
720016-02	MAST ARM MOUNTED STREET NAME SIGN
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPE A & B METAL POSTS
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	CONCRETE HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
877001-04	STEEL COMBINATION MAST ARM ASSEMBLY & POLE 16' - 55
877006-03	MAST ARM ASSEMBLY AND POLE, STEEL, DUAL MAST ARMS
878001-08	CONCRETE FOUNDATION DETAILS
BLR-20-6	TRAFFIC BARRIER TERMINAL - TYPE 5R
BLR-21-8	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR-22-6	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (2L, 2W, RURAL TRAFFIC ROAD CLOSED TO THRU TRAFFIC)
BLR-23-3	TRAFFIC BARRIER TERMINAL - TYPE1
BLR-24-2	MAILBOX TURNOUT
BLR-26-2	STEEL PLATE BEAM GUARDRAIL



END PROJECT
STA 140+07.51



DISTRICT HEADQUARTER PROJECT LOCATION

HONONEGAH ROAD:
NET LENGTH: 8711 FT (1.65 MILES)
ADT : 13,750 (2030) TRUCK: 5%
URBAN MINOR ARTERIAL

NORTH

SCALES:	
CROSS-SECTIONS	PLAN & PROFILE
FULL SIZE	FULL SIZE
HORIZONTAL: 1" = 20'	HORIZONTAL: 1" = 50'
VERTICAL: 1" = 10'	VERTICAL: 1" = 10'
1/4 SIZE	1/4 SIZE
HORIZONTAL: 1" = 40'	HORIZONTAL: 1" = 100'
VERTICAL: 1" = 20'	VERTICAL: 1" = 20'

CALL J.U.L.I.E.
BEFORE YOU DIG
1-800-892-0123
T46N - R1E - SEC.19 & 30
T46N - R2E - SEC.20 & 29

JOSEPH A. VANDERHEYDEN 35899 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS 6/14/10
EXP 11-30-2011

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED June 14, 20 10
WINNEBAGO COUNTY ENGINEER

PASSED June 15 20 10
DISTRICT 2 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW June 15 20 10
DEPUTY DIRECTOR OF HIGHWAYS, REGION 2 ENGINEER

GENERAL NOTES

THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" PREPARED BY IDOT, ADOPTED JANUARY 1, 2007, "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PREVISIONS," CURRENT EDITION, AND THE "STANDARD PROVISIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS," CURRENT EDITION. SIGN CONSTRUCTION AND PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES," CURRENT EDITION.

IN THE CASE OF CONFLICT BETWEEN THE ABOVE MENTIONED SPECIFICATIONS, THE ENGINEER SHALL DETERMINE WHICH OF THE SPECIFICATIONS SHALL GOVERN. THE ENGINEER'S DECISION SHALL BE FINAL AND NO ADDITIONAL COMPENSATION SHALL BE AWARDED UNLESS APPROVED BY THE ENGINEER.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE LATEST EDITION ISSUED BY ILLINOIS DEPARTMENT OF TRANSPORTATION OR THE COPY OF THE STANDARD INCLUDED IN THESE CONSTRUCTION DOCUMENTS AS DETERMINED BY THE ENGINEER.

THE ENGINEER SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, OR REJECT THE WORKMANSHIP AND/OR MATERIALS WHICH GO TO MAKE UP IMPROVEMENTS AS DETAILED IN THESE PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 48 HOURS PRIOR TO PERFORMING ANY OF THE REQUIRED TESTS OR MATERIAL PLACEMENT SO THAT A REPRESENTATIVE MAY BE PRESENT DURING ANY TESTING PROCEDURE OR MATERIAL PLACEMENT.

THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS. IMPROVEMENT REPRESENTATIONS AS SHOWN ON THESE PLANS ARE AS ACCURATE AS POSSIBLE FROM THE INFORMATION AVAILABLE. HOWEVER, SOME FIELD REVISIONS MAY BE REQUIRED TO ACCOMMODATE UNFORESEEN CIRCUMSTANCES. THE ENGINEER SHALL BE ADVISED OF ANY NECESSARY REVISIONS WITH SUFFICIENT LEAD TIME ALLOWED TO PROPERLY CONSIDER AND ACT UPON SUCH REQUESTS.

THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO THE FULL SIZE PLANS AND NOT TO REDUCED SIZE PLANS.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

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

ALL PROPERTY LINES ARE APPROXIMATE.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.

ANY AREAS DAMAGED OR DESTROYED DURING THE PROJECT AS A DIRECT OR INDIRECT RESULT OF CONTRACTING OPERATIONS SHALL BE RESTORED TO THAT CONDITION OR BETTER WHICH EXISTED PRIOR TO STARTING CONSTRUCTION. THE COST OF SAID RESTORATION OR REPAIR SHALL BE BORNE TOTALLY BY THE CONTRACTOR, WITH NO EXTRA COMPENSATION BEING AWARDED UNDER THIS CONTRACT. PRIOR TO ACCEPTANCE OF THIS REPAIR OR REPLACEMENT THE CONTRACTOR SHALL PRESENT THE OWNER WITH A SIGNOFF LETTER," SIGNED BY A RESPONSIBLE OFFICIAL OF THE OWNER OF THE DAMAGED PROPERTY STATING THAT THE REPAIR OR REPLACEMENT IS ACCEPTABLE.

THE CONTRACTOR SHALL FIELD VERIFY LOCATION, ELEVATION AND SIZE OF EXISTING UTILITIES, AND VERIFY PAVEMENT ELEVATIONS WHERE MATCHING INTO EXISTING WORK. NOTIFY ENGINEER OF DISCREPANCIES PRIOR TO PROCEEDING WITH WORK.

ALL SAW CUTTING OF EXISTING PAVEMENT, INCLUDING DRIVEWAYS, SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. DAMAGE TO THE STRUCTURE TO REMAIN SUCH AS SPALLING DUE TO SAWING OPERATIONS OR OTHER CONSTRUCTION ACTIVITY, SHALL BE REPLACED BY CONTRACTOR AS INDICATED BY THE ENGINEER AND AT NO ADDITIONAL COST TO THE CONTRACT. THE MINIMUM DEPTH OF SAW CUT IN THE PAVEMENT SHALL BE 2 INCHES UNLESS OTHERWISE SPECIFIED IN THE PLANS.

TRANSVERSE CONTRACTION AND CONSTRUCTION JOINTS IN CONCRETE CURB AND GUTTERS SHALL BE SEALED IN ACCORDANCE WITH ARTICLES 606.07 AND 420.12(a) OF THE STANDARD SPECIFICATIONS WITH AN APPROVED POLYSULFIDE SEALER.

IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. COST OF MAINTAINING DRAINAGE FLOWS SHALL BE INCIDENTAL TO THE CONTRACT.

RIM AND FLOW LINE ELEVATIONS ON STRUCTURES ARE GIVEN ONLY TO ASSIST IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS A PART OF THE STRUCTURE COST AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE CONTRACTOR SHALL CAREFULLY PROTECT AND BE RESPONSIBLE FOR ALL TREES AND SHRUBS WITHIN OR DIRECTLY ADJACENT TO THE CONSTRUCTION LIMITS. MAIL BOXES AND OTHER PRIVATE PROPERTY SHALL BE SIMILARLY PROTECTED. COST OF RELOCATION, IF NECESSARY, SHALL BE INCIDENTAL TO EARTH EXCAVATION.

THE EXISTING SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR SHALL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL TRAFFIC CONTROL DEVICES USED FOR THE MAINTENANCE OF TRAFFIC SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS NECESSARY THROUGH THE DURATION OF THE CONTRACT. ALL SIGNS SHALL BE FURNISHED, INSTALLED AND MAINTAINED BY THE CONTRACTOR. PAYMENT SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION.

ALL EXISTING UNDERGROUND UTILITY LOCATIONS HAVE BEEN SHOWN ON THE PLANS PER THE BEST AVAILABLE INFORMATION. EXACT HORIZONTAL AND VERTICAL LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT. LOCATIONS AND DEPTHS SHOWN ON THESE PLANS ARE ONLY A SCHEMATIC REPRESENTATION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 800-892-0123. A MINIMUM OF FORTY-EIGHT HOURS ADVANCE NOTICE IS REQUIRED.

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 CONSIDERED INCIDENTAL TO EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

UTILITY COMPANIES KNOWN TO HAVE FACILITIES WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

Nicor Gas
c/o Scott Puffer
4651 Linden Road
Rockford, IL 61009
(815) 373-7537

PEATEC
c/o Paul Baumann
900 Commerce Drive, Ste 203
Oakbrook, IL 60523
(630) 570-5174

North Park Public Water District
c/o Ed Rice
1350 Turret Drive
Machesney Park, IL 61115
(815) 633-5461

Commonwealth Edison
c/o Mike Lenox
123 Energy Avenue
Rockford, IL 61109
(815) 490-2869

Verizon
c/o Paolo Javior
2239 Newberg Road
Belvidere, IL 61008
(815) 847-0395

Village of Roscoe
c/o Steve Ashe
10631 Main Street
Roscoe, IL 61073
(815) 877-0746

Charter Communications
c/o Tom Phillips
1348 Plainfield Ave
Janesville, WI 53547
(608) 373-7537

Rock River Water Reclamation Dist.
3333 Kishwaukee Street
Rockford, IL 61126-7280
(815) 387-7663

Village of Rockton
c/o Gordon Nygren
110 East Main Street
Rockton, IL 61072
(815) 624-7600

SUBGRADES, SUBBASES, AND BASE COURSES

PRIOR TO ANY EMBANKMENT BEING PLACED, SHOULD IT BE DETERMINED BY THE ENGINEER THAT SUBGRADE MATERIAL IS UNSUITABLE ON WHICH TO CONSTRUCT THE ROADWAY STRUCTURE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING THE UNSUITABLE MATERIAL TO THE SATISFACTION OF THE ENGINEER AND REPLACING SAME WITH STABILIZING SUB-BASE CONSISTING OF SUB-BASE GRANULAR MATERIAL, TYPE B (CA-2) IN ACCORDANCE WITH IDOT STANDARDS AND SPECIFICATIONS. THE COARSE AGGREGATE SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SY FOR SUBBASE GRANULAR MATERIAL, TYPE B (CA-2). THE EXCAVATION AND DISPOSAL OF THE UNSUITABLE MATERIAL SHALL BE CONSIDERED INCIDENTAL TO SUBBASE GRANULAR MATERIAL, TYPE B (CA-2).

THE CONTRACTOR WILL BE REQUIRED TO SUBSTANTIATE BASE COURSE THICKNESSES AND FINISH PAVEMENT THICKNESSES. THE ENGINEER SHALL INSPECT BASE COURSE COREOUT PRIOR TO PLACING BASE COURSE TO ENSURE REQUIRED BASE COURSE DEPTH IS PRESENT.

PRIOR TO PLACING BASE COURSE MATERIAL, THE CONTRACTOR SHALL TEST ROLL THE SUBGRADE IN THE PRESENCE OF THE ENGINEER TO DEMONSTRATE THAT SAID SUBGRADE IS READY FOR BASE. PRIOR TO PLACEMENT OF HOT MIX ASPHALT SURFACE, THE SAME VERIFICATION PROCEDURE SHALL BE PERFORMED ON THE BASE COURSE MATERIAL.

THE ENGINEER SHALL WITNESS THE PLACEMENT OF HOT MIX ASPHALT BINDER AND SURFACE COURSE. CORE DRILLING MAY BE REQUIRED TO DEMONSTRATE THAT BASE COURSE AND PAVEMENT THICKNESSES CONFORM TO THE SPECIFICATIONS.

EXCAVATION/EARTHWORK

THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH ARE NOT INDICATED TO BE REMOVED. ALL ROADWAY REMOVAL ITEMS SHALL CONFORM TO SECTION 440 OF THE IDOT STANDARD SPECIFICATIONS.

PRIOR TO STARTING EMBANKMENT OR UTILITY TRENCHING, THE CONTRACTOR SHALL STRIP THE RIGHT-OF-WAY OF TOPSOIL TO A DEPTH AND TO THE LIMITS APPROVED BY THE ENGINEER. THIS MATERIAL SHALL BE STOCKPILED IN A LOCATION APPROVED BY THE ENGINEER UNTIL THE IMPROVEMENTS ARE COMPLETED AND THE EXCESS MATERIAL HAS BEEN SPREAD AS DIRECTED.

IN PROPOSED FILL AREAS FOR PAVEMENT AND EMBANKMENT, TOPSOIL AND TURF SHALL BE SCARIFIED AND REMOVED PRIOR TO CONSTRUCTING THE EMBANKMENT. TOPSOIL IS TO BE PLACED AND COMPACTED IN ACCORDANCE WITH SECTION 211 OF IDOT STANDARD SPECIFICATIONS.

TOPSOIL PLACED OVER DISTURBED AREAS SHALL BE COMPACTED TO A MINIMAL DEPTH OF 4" AND FINE GRADED IN A MANNER ACCEPTABLE TO THE ENGINEER.

EMBANKMENT SHALL CONSIST OF THE CONSTRUCTION OF EMBANKMENTS BY DEPOSITING, PLACING, AND COMPACTING EARTH, STONE OR OTHER MATERIALS OF ACCEPTABLE QUALITY ABOVE THE NATURAL GROUND OR OTHER SURFACE IN ACCORDANCE WITH SECTION 202 AND 205 OF THE IDOT STANDARD SPECIFICATIONS.

ALL EXCAVATIONS FOR STRUCTURES AND PIPE SHALL BE KEPT DEWATERED DURING CONSTRUCTION UNTIL BACKFILL IS IN PLACE. DURING DEWATERING OPERATIONS, WATER SHALL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS, COST INCIDENTAL.

DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL ENSURE POSITIVE SITE DRAINAGE AT THE CONCLUSION OF EACH DAY. SITE DRAINAGE MAY BE ACHIEVED BY DITCHING, PUMPING, OR ANY OTHER METHOD ACCEPTABLE TO THE ENGINEER. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUIRED DUE TO DELAYS OR UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF.

LEGEND

	EX. FIRE HYDRANT		TREE	BM4	BENCHMARK	T T	EX. TELEPHONE LINE
	TREE LINE	6" W	EX. WATER MAIN		RIP RAP	X	EX. FENCE LINE
	PROP. FLARED END SECTION		FLOW LINE		PROP. SAN. SEWER	E/P	EDGE OF PAVEMENT
	PROP. INLET		EX. POWER POLE	W	PROP. WATER MAIN		RETAINING WALL
	PROP. PIPE CULVERT		EX. STORM SEWER		PROP. MANHOLE	INV.	INVERT
	PROP. FIRE HYDRANT		PROP. MANHOLE, OPEN LID	T/WALL	TOP OF WALL	R	RADIUS
OE OE	EX. OVERHEAD ELECTRIC LINE		EX. MANHOLE	F/G	FINISHED GRADE		PROP. HEADWALL
	EX. HEADWALL		EX. INLET	E-E	EDGE TO EDGE OF PAVEMENT	EX.	EXISTING
G G	EX. GAS LINE		EX. WATER VALVE	F/L	FLOW LINE	PROP.	PROPOSED

ITEM NO.	PAY CODE NUMBER	ITEMS	UNIT	04-00361-00-PV			
				SLATS		RMAP	TOTAL
				I000	Y031-1F	I000	
1	20100500	TREE REMOVAL, ACRES	AC	0.47			0.47
2	20200100	EARTH EXCAVATION	CY	6,036.00		3,509.00	9,545.00
3	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CY	1,500.00		500.00	2,000.00
4	20800150	TRENCH BACKFILL	CY	49.4		11.40	60.80
5	25000210	SEEDING, CLASS 2A	AC	3.02		0.88	3.90
6	25000400	NITROGEN FERTILIZER NUTRIENT	LBS	272.00		79.00	351.00
7	25000500	PHOSPHORUS FERTILIZER NUTRIENT	LBS	272.00		79.00	351.00
8	25000600	POTASSIUM FERTILIZER NUTRIENT	LBS	272.00		79.00	351.00
9	25100115	MULCH, METHOD 2	AC	3.02		0.88	3.90
10	25100630	EROSION CONTROL BLANKET	SY	14,597.00		4,222.00	18,819.00
11	28000250	TEMPORARY EROSION CONTROL SEEDING	LBS	300.00		90.00	390.00
12	28000305	TEMPORARY DITCH CHECKS	FT	470.00		100.00	570.00
13	28000400	PERIMETER EROSION BARRIER	FT	12,220.00		4,722.00	16,942.00
14	28000500	INLET AND PIPE PROTECTION	EA	12.00		5.00	17.00
15	28100703	STONE DUMPED RIPRAP, CLASS A2	SY	40.00			40.00
16	28200200	FILTER FABRIC	SY	40.00			40.00
17	35101400	AGGREGATE BASE COURSE, TYPE B	TON	5,754.30		3,821.70	9,576.00
18	35501312	HOT-MIX ASPHALT BASE COURSE, 7"	SY	6,797.10		4,492.80	11,289.90
19	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	1,000.00		500.00	1,500.00
20	40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	14.30		10.40	24.70
21	40600300	AGGREGATE (PRIME COAT)	TON	44.70		25.00	69.70
22	40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	2,636.10		1,473.30	4,109.40
23	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SY	507.30		288.90	796.20
24	40600990	TEMPORARY RAMP	SY	130.60		109.40	240.00
25	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	1,605.70		897.40	2,503.10
26	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	570.40		320.70	891.10
27	42400800	DETECTABLE WARNINGS	SF			316.00	316.00
28	44002000	CONCRETE CURB REMOVAL	FT	662.00		553.00	1,215.00
29	48101200	AGGREGATE SHOULDERS, TYPE B	TON	9,571.80		2,129.80	11,701.60
30	48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SY	4,422.00		2,614.00	7,036.00
31	50105220	PIPE CULVERT REMOVAL	FT	1,417.00		356.90	1,773.90
32	542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"	FT			110.00	110.00
33	542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FT	685.00		308.00	993.00
34	542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FT	65.00		4.00	69.00
35	542A5473	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FT	120.00			120.00
36	542A5479	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FT	344.00		104.00	448.00
37	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EA	2.00		1.00	3.00
38	54214503	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 18"	EA	4.00			4.00
39	54214509	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 24"	EA	9.00		4.00	13.00
40	54215547	METAL END SECTIONS 12"	EA			6.00	6.00
41	54215550	METAL END SECTIONS 15"	EA	24.00		16.00	40.00
42	550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FT	975.00			975.00
43	550B0070	STORM SEWERS, CLASS B, TYPE 1 15"	FT	149.00			149.00
44	550B0090	STORM SEWERS, CLASS B, TYPE 1 18"	FT	150.00			150.00
45	550B0120	STORM SEWERS, CLASS B, TYPE 1 24"	FT	435.00			435.00
46	55039700	STORM SEWERS TO BE CLEANED	FT	100.00		100.00	200.00
47	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EA	1.00			1.00
48	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EA	1.00			1.00
49	60240301	INLETS, TYPE B, TYPE 8 GRATE	EA	11.00			11.00
50	60242500	INLETS, SPECIAL, NO. 1	EA			1.00	1.00
51	60500060	REMOVING INLETS	EA	4.00			4.00
52	60600095	CLASS SI CONCRETE (OUTLET)	CY	10.00			10.00
53	60605000	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24	FT	504.00		403.40	907.40
54	60605500	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (VARIABLE WIDTH GUTTER FLAG)	FT			135.00	135.00
55	Z0019500	DRYWELL	EA	4.00		8.00	12.00
* 56	63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FT	462.50			462.50
* 57	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EA	4.00			4.00
* 58	63100080	TRAFFIC BARRIER TERMINAL, TYPE 5R	EA	4.00			4.00
59	63200310	GUARDRAIL REMOVAL	FT	612.50			612.50
60	67100100	MOBILIZATION	LSUM	0.50		0.50	1.00
61	70103700	TRAFFIC CONTROL COMPLETE	LSUM	0.50		0.50	1.00
62	70300100	SHORT-TERM PAVEMENT MARKING	FT	1,255.00		522.00	1,777.00
63	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FT	18,807.00		7,821.00	26,628.00
64	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SF	420.00		175.00	595.00
65	72000100	SIGN PANEL - TYPE 1	SF	109.25		73.50	182.75
66	72000200	SIGN PANEL - TYPE 2	SF	60.00			60.00
67	72900210	METAL POST - TYPE B	EA	17.00		12.00	29.00
* 68	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SF	670.40		434.80	1,105.20
* 69	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FT	24,690.00		8,210.00	32,900.00
* 70	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FT	624.00		100.00	724.00

ITEM NO.	PAY CODE NUMBER	ITEMS	UNIT	QUANTITIES 04-00361-00-PV			
				SLATS		RMAP	TOTAL
				I000	Y031-1F	I000	
* 71	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FT	525.00		330.00	855.00
* 72	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FT	364.00		112.00	476.00
* 73	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EA	245.00		153.00	398.00
* 74	78200455	BIDIRECTIONAL GUARD RAIL REFLECTORS	EA	13.00			13.00
* 75	78201000	TERMINAL MARKER - DIRECT APPLIED	EA	4.00			4.00
* 76	81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FT		40.00		40.00
* 77	81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FT		10.00		10.00
* 78	81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FT		32.00		32.00
* 79	81021350	CONDUIT PUSHED, 3" DIA., PVC	FT		195.00		195.00
* 80	81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EA		3.00		3.00
* 81	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) I/C NO. 10	FT		500.00		500.00
* 82	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FT		88.00		88.00
* 83	82103400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 400 WATT	EA		2.00		2.00
* 84	85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EA		1.00		1.00
* 85	86200200	UNINTERRUPTIBLE POWER SUPPLY, STANDARD	EA		1.00		1.00
* 86	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FT		800.00		800.00
* 87	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FT		770.00		770.00
* 88	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EA		1.00		1.00
* 89	87702870	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT.	EA		1.00		1.00
* 90	87704410	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE DMA 36 FT & 38 FT	EA		1.00		1.00
* 91	87800100	CONCRETE FOUNDATION, TYPE A	FT		3.00		3.00
* 92	87800150	CONCRETE FOUNDATION, TYPE C	FT		3.00		3.00
* 93	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FT		14.00		14.00
* 94	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FT		10.00		10.00
* 95	87900200	DRILL EXISTING HANDHOLE	EA		1.00		1.00
* 96	88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3 SECTION, BRACKET MOUNTED	EA		2.00		2.00
* 97	88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3 SECTION, MAST ARM MOUNTED	EA		2.00		2.00
* 98	88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5 SECTION, BRACKET MOUNTED	EA		2.00		2.00
* 99	88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5 SECTION, MAST ARM MOUNTED	EA		3.00		3.00
* 100	88200100	TRAFFIC SIGNAL BACKPLATE	EA		5.00		5.00
* 101	89502200	MODIFY EXISTING CONTROLLER	EA		1.00		1.00
* 102	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EA		1.00		1.00
103	X0322903	SAW CUTTING (FULL DEPTH)	FT	12,800.00		7,626.00	20,426.00
* 104	X032 3777	VIDEO VEHICLE DETECTION, 3 CAMERAS	EA		1.00		1.00
105	X2111100	TOPSOIL EXCAVATION AND PLACEMENT, SPECIAL	CY	1,606.00		465.00	2,071.00
106	XX008397	MULTI-USE PATH SEAL COAT	SY	22,433.00		9,538.00	31,971.00
* 107	X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FT		390.00		390.00
108	X0323092	HEADWALL REMOVAL	EA	1.00		2.00	3.00
109	Z0013798	CONSTRUCTION LAYOUT	L SUM	0.50		0.50	1.00

* SPECIALTY ITEMS

AGGREGATE BASE COURSE, TYPE B

HONONEGAH ROAD

STA	SLATS AGG BASE CSE B (TON)	RMAPS AGG BASE CSE B (TON)
61+48 to 66+58 (Lt)	277.6	
66+58 to 67+38 (Lt)	44.0	
67+38 to 74+38 (Lt)	649.6	
74+38 to 75+55 (Lt)	82.4	
75+55 to 87+40 (Lt)	978.6	
87+40 to 87+88 (Lt)	38.1	
87+88 to 95+03 (Lt)	632.4	
95+03 to 95+75 (Lt)	56.8	
95+75 to 100+77 (Lt)	661.8	
102+28 to 105+23 (Lt)	174.6	
109+38 to 113+98 (Lt)	476.7	
113+98 to 114+96 (Lt)		72.3
114+96 to 119+09 (Lt)		353.7
119+09 to 119+66 (Lt)		46.6
119+66 to 131+70 (Lt)		1,031.5
131+70 to 132+04 (Lt)		27.5
132+04 to 135+02 (Lt)		248.1
61+48 to 69+07 (Rt)	245.4	
69+07 to 69+72 (Rt)	21.9	
69+72 to 82+49 (Rt)	457.6	
82+49 to 83+09 (Rt)	20.2	
83+09 to 98+34 (Rt)	535.8	
98+34 to 99+25 (Rt)	30.1	
99+25 to 107+35 (Rt)	215.3	
110+32 to 118+92 (Rt)		484.1
118+92 to 119+67 (Rt)		23.8
119+67 to 127+31 (Rt)		282.2
127+31 to 128+06 (Rt)		25.0
128+06 to 131+54 (Rt)		132.7
131+54 to 132+38 (Rt)		26.2
132+38 to 139+84 (Rt)		278.1
Sub-Total	***5,598.7***	***3,031.9***

MLTI-USE PATH WIDENING (2')

	SLATS	RMAPS
63+50 to 68+85 (Rt)	55.5	
69+85 to 78+25 (Rt)	87.1	
83+25 to 84+50 (Rt)	13.0	
128+17 to 131+45 (Rt)		34.0
135+25 to 140+50 (Rt)		54.4
Sub-Total	***155.6***	***88.5***

McCURRY ROAD

STA	SLATS AGG BASE CSE B (TON)	RMAPS AGG BASE CSE B (TON)
11+50 to 13+52 (Lt)		47.7
11+50 to 13+52 (Rt)		124.3
10+25 to 11+50 (Rt & Lt)		529.3
Sub-Total	***0.0***	***701.4***
TOTAL	***5,754.3***	***3,821.7***

HOT-MIX ASPHALT BASE COURSE 7 "

HONONEGAH ROAD

STA	SLATS HMA BASE CSE 7" (SY)	RMAPS HMA BASE CSE 7" (SY)
61+48 to 66+58 (Lt)	333.9	
66+58 to 67+38 (Lt)	62.9	
67+38 to 74+38 (Lt)	838.0	
74+38 to 75+55 (Lt)	107.4	
75+55 to 87+40 (Lt)	1,262.1	
87+40 to 87+88 (Lt)	54.4	
87+88 to 95+03 (Lt)	814.6	
95+03 to 95+75 (Lt)	81.1	
95+75 to 100+77 (Lt)	850.7	
102+28 to 105+23 (Lt)	227.9	
109+38 to 113+98 (Lt)	489.4	
113+98 to 114+96 (Lt)		103.3
114+96 to 119+09 (Lt)		452.3
119+09 to 119+66 (Lt)		66.5
119+66 to 131+70 (Lt)		1,332.4
131+70 to 132+04 (Lt)		39.3
132+04 to 135+02 (Lt)		318.6
61+48 to 69+07 (Rt)	263.1	
69+07 to 69+72 (Rt)	31.2	
69+72 to 82+49 (Rt)	504.8	
82+49 to 83+09 (Rt)	28.9	
83+09 to 98+34 (Rt)	589.5	
98+34 to 99+25 (Rt)	43.0	
99+25 to 107+35 (Rt)	214.2	
110+32 to 118+92 (Rt)		393.9
118+92 to 119+67 (Rt)		34.0
119+67 to 127+31 (Rt)		308.0
127+31 to 128+06 (Rt)		35.6
128+06 to 131+54 (Rt)		141.2
131+54 to 132+38 (Rt)		37.4
132+38 to 139+84 (Rt)		311.5
SubTotal	***6,797.1***	***3,574.1***

McCURRY ROAD

STA	HMA BASE CSE 7" (SY)	RMAPS HMA BASE CSE 7" (SY)
11+50 to 13+52 (Lt)		68.1
11+50 to 13+52 (Rt)		177.6
10+25 to 11+50 (Rt & Lt)		673.0
SubTotal		***918.7***
Total	***6,797.1***	***4,492.8***

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (SY)

HONONEGAH ROAD

STA	O/S	TYPE	SLATS HMA SURF REM BUTT JT (SY)	RMAPS HMA SURF REM BUTT JT (SY)
51+30.61	N/A	MAINLINE	72.2	
140+09	N/A	MAINLINE		105.6
107+33	N/A	MAINLINE	72.2	
109+10	N/A	MAINLINE	72.2	
51 to 114	N/A	SIDE STREET (9)	75.0	
114 to 140	N/A	SIDE STREET (5)		41.7
51 to 114	N/A	P.E.(23)	115.0	
114 to 140	N/A	P.E.(15)		75.0
Sub-Total			***406.7***	***222.2***

DORR RD

STA	O/S	TYPE	SLATS HMA SURF REM BUTT JT (SY)	RMAPS HMA SURF REM BUTT JT (SY)
22+51.8	N/A	MAINLINE	80.7	
20 to 22.5	N/A	P.E. (4)	20.0	
Sub-Total			***100.7***	***0.0***

McCURRY RD

STA	O/S	TYPE	SLATS HMA SURF REM BUTT JT (SY)	RMAPS HMA SURF REM BUTT JT (SY)
13+51.4	N/A	MAINLINE		66.7
Sub-Total			***0.0***	***66.7***
Total			***507.3***	***288.9***

TEMPORARY RAMP

HONONEGAH ROAD

STA	O/S	TYPE	SLATS TEMP RAMP (SY)	RMAPS TEMP RAMP (SY)
51+30.61	N/A	MAINLINE	14.4	
140+09	N/A	MAINLINE		21.1
107+33	N/A	MAINLINE	14.4	
109+10	N/A	MAINLINE	14.4	
51 to 114	N/A	SIDE STREET (9)	75.0	
114 to 140	N/A	SIDE STREET (5)		75.0
51 to 114	N/A	P.E.(23)	0.0	
114 to 140	N/A	P.E.(15)		0.0
Sub-Total			***118.3***	***96.1***

DORR RD

STA	O/S	TYPE	SLATS TEMP RAMP (SY)	RMAPS TEMP RAMP (SY)
22+51.8	N/A	MAINLINE	12.2	
20 to 22.5	N/A	P.E. (4)	0.0	
Sub-Total			***12.2***	***0.0***

McCURRY RD

STA	O/S	TYPE	SLATS TEMP RAMP (SY)	RMAPS TEMP RAMP (SY)
13+51.4	N/A	MAINLINE		13.3
Sub-Total			***0.0***	***13.3***
Total			***130.6***	***109.4***

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50

HONONEGAH ROAD STA	SLATS HMA BC IL-19.0 N50 (TON)	RMAPS HMA BC IL-19.0 N50 (TON)
51+25 to 114+00	1523.4	
114+00 to 140+00		787.3
Sub-Total	***1,523.4***	***787.3***

DORR ROAD STA	HMA BC IL-19.0 N50 (TON)	HMA BC IL-19.0 N50 (TON)
20+00 to 22+50	82.3	
Sub-Total	***82.3***	***0.0***

McCURRY ROAD STA		HMA BC IL-19.0 N70 (TON)
10+00 to 13+52.16		110.1
Sub-Total		***110.1***
Total	***1,605.7***	***897.4***

AGGREGATE (PRIME COAT)

HONONEGAH ROAD

STA	AREA (SY)	RATE (LB/SY)	NUMBER APPLICATIONS	SLATS AGG PR CT (TONS)	RMAPS AGG PR CT (TONS)
52+25 to 114+00	21,194.6	2.00	2	42.4	
114+00 to 140+00	10,954.0	2.00	2		21.9
Sub-Total				***42.4***	***21.9***

DORR ROAD

STA	AREA (SY)	RATE (LB/SY)	NUMBER APPLICATIONS	AGG PR CT (TONS)	AGG PR CT (TONS)
20+00 to 22+50	1,145.2	2.00	2	2.3	
Sub-Total				***2.3***	***0.0***

McCURRY ROAD

STA	AREA (SY)	RATE (LB/SY)	NUMBER APPLICATIONS	AGG PR CT (TONS)	AGG PR CT (TONS)
10+00 to 13+52.16	1,531.4	2.00	2		3.1
Sub-Total					***3.1***
Total				***44.7***	***25.0***

INCIDENTAL BITUMINOUS SURFACING (TONS)

HONONEGAH ROAD

STA	O/S	TYPE	SLATS INCIDENTAL BIT SURF (TONS)	RMAPS INCIDENTAL BIT SURF (TONS)
51+85.4	Rt.	STREET	28.9	
55+02.8	Lt.	STREET	31.6	
67+00.4	Lt.	STREET	33.6	
69+38	Rt.	STREET	24.8	
70+62	Lt.	P.E.	14.1	
72+95	Lt.	P.E.	15.1	
74+82	Lt.	STREET	44.2	
77+22	Lt.	P.E.	6.9	
78+95	Lt.	P.E.	8.0	
79+54	Lt.	P.E.	6.4	
80+91	Lt.	P.E.	7.2	
82+65	Lt.	P.E.	9.6	
82+81.6	Rt.	STREET	28.6	
83+18	Lt.	P.E.	7.3	
85+85	Lt.	P.E.	7.0	
86+13	Rt.	P.E.	8.4	
86+28	Lt.	P.E.	6.1	
87+67.2	Lt.	STREET	33.9	
88+69	Rt.	P.E.	10.6	
90+79	Lt.	P.E.	5.9	
90+74	Rt.	P.E.	13.4	
91+74	Lt.	P.E.	5.9	
91+89	Rt.	P.E.	10.6	
92+14	Lt.	P.E.	6.5	
93+52	Rt.	P.E.	11.3	
95+09	Rt.	P.E.	14.2	
95+35.9	Lt.	STREET	39.9	
95+92	Rt.	P.E.	11.0	
97+35	Lt.	P.E.	16.8	
98+32	Lt.	P.E.	16.7	
98+78	Rt.	STREET	34.2	
113+99	Rt.	P.E.	13.5	
115+75	Lt.	P.E.		10.6
117+37	Lt.	P.E.		9.7
119+35.8	Rt.	STREET		39.9
119+35.9	Lt.	STREET		39.9
121+45	Lt.	P.E.		7.1
122+45	Lt.	P.E.		7.5
122+67	Rt.	P.E.		12.3
123+49	Lt.	P.E.		8.7
124+45	Lt.	P.E.		7.5
125+42	Rt.	P.E.		10.2
125+51	Lt.	P.E.		8.6
126+42	Lt.	P.E.		7.6
127+56	Lt.	P.E.		7.2
127+67.5	Rt.	STREET		29.7
129+24	Lt.	P.E.		7.4
130+48	Lt.	P.E.		8.0
131+87.2	Lt.	STREET		22.9
132+04.2	Rt.	STREET		25.0
134+03	Rt.	P.E.		11.9
140+63	Lt.	P.E.		17.1
MULTI-USE PATH WIDEN				
63+50 to 68+85 (Rt)			13.7	
69+85 to 78+25 (Rt)			21.5	
83+25 to 84+50 (Rt)			3.2	
128+17 to 131+45 (Rt)				8.4
135+25 to 140+50 (Rt)				13.4
Total			***570.4***	***320.7***

EARTH EXCAVATION

HONONEGAH ROAD STA	SLATS CUT (CY)	SLATS FILL (CY)	RMAPS CUT (CY)	RMAPS FILL (CY)
51+30.61 to 114+00	5,358.0	2,332.0		
114+00 to 140+00			2,811.0	993.0
Excav. Sub-Total	**5,358.0**	**2,332.0**	**2,811.0**	**993.0**

DORR ROAD STA	CUT (CY)	FILL (CY)	CUT (CY)	FILL (CY)
20+00 to 22+50	678.0	94.0		
Excav. Sub-Total	**678.0**	**94.0**	**0.0**	**0.0**

McCURRY ROAD STA	CUT (CY)	FILL (CY)	CUT (CY)	FILL (CY)
10+00 to 13+50			698.0	54.0
Excav. Sub-Total	**0.0**	**0.0**	**698.0**	**54.0**
Total	***6,036.0***	***2,426.0***	***3,509.0***	***1,047.0***

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

HONONEGAH ROAD

STA	SLATS REM & DISP UNS MATL (CY)	RMAPS REM & DISP UNS MATL (CY)
Contingency	1,000.0	300.0
Sub-Total	**1,000.0**	**300.0**

DORR ROAD

STA	REM & DISP UNS MATL (CY)
Contingency	500.0
Sub-Total	**500.0**

McCURRY ROAD

STA	REM & DISP UNS MATL (CY)
Contingency	200.0
Sub-Total	**200.0**
Total	***1,500.0***	***500.0***

BITUMINOUS MATERIALS (PRIME COAT)

HONONEGAH ROAD

STA	AREA (SY)	RATE (GAL/SY)	DENSITY (LB/GAL)	NUMBER APPLICATIONS	BIT MATLS PR CT (GAL)	SLATS BIT MATLS PR CT (TONS)	RMAPS BIT MATLS PR CT (TONS)
51+25 to 114+00	21,194.6	0.06	8.40	2	2,543.3	10.7	
114+00 to 140+00	10,954.0	0.06	8.40	2	1,314.5		5.5
Sub-Total					***3,857.8***	***10.7***	***5.5***

DORR ROAD

STA	AREA (SY)	RATE (GAL/SY)	DENSITY (LB/GAL)	NUMBER APPLICATIONS	BIT MATLS PR CT (GAL)	BIT MATLS PR CT (TONS)	BIT MATLS PR CT (TONS)
20+00 to 22+50	1,145.2	0.38	8.40	2	870.33	3.7	
Sub-Total					***870.3***	***3.7***	***0.0***

McCURRY ROAD

STA	AREA (SY)	RATE (GAL/SY)	DENSITY (LB/GAL)	NUMBER APPLICATIONS	BIT MATLS PR CT (GAL)	BIT MATLS PR CT (TONS)	BIT MATLS PR CT (TONS)
10+00 to 13+52.16	1,531.4	0.38	8.40	2	1,163.85		4.89
Sub-Total					***1,163.8***		***4.9***
TOTAL						***14.3***	***10.4***

LEVELING BINDER (MACHINE METHOD), N50

HONONEGAH ROAD STA	SLATS LEV BIND MM N50 (TON)	RMAPS LEV BIND MM N50 (TON)
51+25 to 114+00	2,501.0	
114+00 to 140+00		1,292.6
Sub-Total	***2,501.0***	***1,292.6***

DORR ROAD STA		LEV BIND MM N50 (TON)
20+00 to 22+50	135.1	
Sub-Total	***135.1***	***0.0***

McCURRY ROAD STA		LEV BIND MM N50 (TON)
10+00 to 13+52.16		180.7
Sub-Total		***180.7***
Total	***2,636.1***	***1,473.3***

TRENCH BACKFILL

HONONEGAH ROAD		SLATS	RMAP
STA	O/S	TRENCH BACKFILL (CY)	TRENCH BACKFILL (CY)
55+00 (John Drive)	Lt	0.0	
67+00 (Duncan Drive)	Lt	1.0	
74+82 (Echo Drive)	Lt	7.0	
87+67 (Doris Drive)	Lt	7.0	
82+81 (Valley Forge Trail)	Rt	5.0	
95+35 (Vivian Ct)	Lt	8.5	
98+78 (Forest Preserve)	Rt	9.9	
101+34 (Dorr Road)	Lt	11.0	
114+11 (McCurry Road)	Lt		0.0
119+39 (Beecher Drive)	Lt		7.0
127+67 (Wagon Lane)	Rt		0.0
131+87 (Frances Lane)	Lt		4.4
Total		*49.4*	*11.4*

STORM SEWERS, CLASS B, TYPE 1 12"

HONONEGAH ROAD		SLATS	RMAP
STA	O/S	STORM SEW CL B 1 12 (FT)	STORM SEW CL B 1 12 (FT)
69+00 to 70+00	Rt	100.0	
70+00 to 72+00	Rt	200.0	
72+00 to 73+00	Rt	100.0	
85+75 to 88+25	Rt	250.0	
88+25 to 90+25	Rt	200.0	
90+25 to 91+50	Rt	125.0	
Total		*975.0*	*0.0*

STORM SEWERS, CLASS B, TYPE 1 15"

HONONEGAH ROAD		SLATS	RMAP
STA	O/S	STORM SEW CL B 1 15 (FT)	STORM SEW CL B 1 15 (FT)
91+50 to 93+00	Rt	149.0	
Total		*149.0*	*0.0*

STORM SEWERS, CLASS B, TYPE 1 18"

HONONEGAH ROAD		SLATS	RMAP
STA	O/S	STORM SEW CL B 1 18 (FT)	STORM SEW CL B 1 18 (FT)
93+00 to 94+50	Rt	150.0	
Total		*150.0*	*0.0*

STORM SEWERS, CLASS B, TYPE 1 24"

HONONEGAH ROAD		SLATS	RMAP
STA	O/S	STORM SEW CL B 1 24 (FT)	STORM SEW CL B 1 24 (FT)
94+50 to 95+50	Rt	100.0	
95+50 to 98+00	Rt	250.0	
98+34 to 99+19	Rt	85.0	
Total		*435.0*	*0.0*

STORM SEWER TO BE CLEANED

HONONEGAH ROAD		SLATS	RMAP
STA	O/S	SS CLEANED (FT)	SS CLEANED (FT)
Contingency		100.0	100.0
Total		*100.0*	*100.0*

PIPE CULVERTS, CLASS D, TYPE 1, 12"

HONONEGAH ROAD		SLATS	RMAP
STA	O/S	P CUL CL D 1 12 (FT)	P CUL CL D 1 12 (FT)
125+32 to 125+70	Lt		38.0
126+24 to 126+60	Lt		36.0
127+38 to 127+74	Lt		36.0
Total		*0.0*	*110.0*

PIPE CULVERTS, CLASS D, TYPE 1, 15"

HONONEGAH ROAD		SLATS	RMAP
STA	O/S	P CUL CL D 1 15 (FT)	P CUL CL D 1 15 (FT)
67+00 (Duncan Lane)	Lt	5.0	
70+42 to 70+82 (P.E.)	Lt	40.0	
72+78 to 73+18 (P.E.)	Lt	40.0	
77+04 to 77+44 (P.E.)	Lt	40.0	
78+76 to 79+76 (P.E.)	Lt	100.0	
80+78 to 81+18 (P.E.)	Lt	40.0	
82+44 to 83+40 (P.E.)	Lt	96.0	
85+65 to 86+45 (P.E.)	Lt	80.0	
90+57 to 91+01 (P.E.)	Lt	44.0	
91+53 to 92+33 (P.E.)	Lt	80.0	
97+05 to 97+65 (P.E.)	Lt	60.0	
98+01 to 98+61 (P.E.)	Lt	60.0	
115+52 to 115+98 (P.E.)	Lt		46.0
117+15 to 117+59 (P.E.)	Lt		44.0
121+28 to 121+62 (P.E.)	Lt		34.0
122+28 to 122+62 (P.E.)	Lt		34.0
123+30 to 123+68 (P.E.)	Lt		38.0
124+26 to 124+62 (P.E.)	Lt		36.0
129+05 to 129+41	Lt		36.0
130+27 to 130+67	Lt		40.0
Total		*685.0*	*308.0*

METAL END SECTIONS 12"

HONONEGAH ROAD		SLATS	RMAP
STA	O/S	MET END SEC 12 (EA)	MET END SEC 12 (EA)
125+32 to 125+70	Lt		2.0
126+24 to 126+60	Lt		2.0
127+38 to 127+74	Lt		2.0
Total		*0.0*	*6.0*

METAL END SECTIONS 15"

HONONEGAH ROAD		SLATS	RMAP
STA	O/S	MET END SEC 15 (EA)	MET END SEC 15 (EA)
(Duncan Lane)	Lt	2.0	
70+42 to 70+82 (P.E.)	Lt	2.0	
72+78 to 73+18 (P.E.)	Lt	2.0	
77+04 to 77+44 (P.E.)	Lt	2.0	
78+76 to 79+76 (P.E.)	Lt	2.0	
80+78 to 81+18 (P.E.)	Lt	2.0	
82+44 to 83+40 (P.E.)	Lt	2.0	
85+65 to 86+45 (P.E.)	Lt	2.0	
90+57 to 91+01 (P.E.)	Lt	2.0	
91+53 to 92+33 (P.E.)	Lt	2.0	
97+05 to 97+65 (P.E.)	Lt	2.0	
98+01 to 98+61 (P.E.)	Lt	2.0	
115+52 to 115+98 (P.E.)	Lt		2.0
117+15 to 117+59 (P.E.)	Lt		2.0
121+28 to 121+62 (P.E.)	Lt		2.0
122+28 to 122+62 (P.E.)	Lt		2.0
123+30 to 123+68 (P.E.)	Lt		2.0
124+26 to 124+62 (P.E.)	Lt		2.0
129+05 to 129+41	Lt		2.0
130+27 to 130+67	Lt		2.0
Total		*24.0*	*16.0*

PIPE CULVERTS, CLASS A, TYPE 1 15"

HONONEGAH ROAD		SLATS	RMAP
STA	O/S	P CUL CL A T-1 15" (FT)	P CUL CL A T-1 15" (FT)
114+74 to 114+82	Lt		4.0
Sub-Total		*0.0*	*4.0*
DORR ROAD		**SLATS**	**RMAP**
STA	O/S	P CUL CL A T-1 15" (FT)	P CUL CL A T-1 15" (FT)
21+17 to 21+37	Lt	16.0	
21+39 to 21+96	Lt	49.0	
Sub-Total		*65.0*	*0.0*
Total		*65.0*	*4.0*

PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"

HONONEGAH ROAD		SLATS	RMAP
STA	O/S	P CUL CL A 1 EQRS 18 (FT)	P CUL CL A 1 EQRS 18 (FT)
82+45 to 83+13 (Valley Forge)	Rt	56.0	
87+29 to 88+05 (Doris Drive)	Lt	64.0	
Total		*120.0*	*0.0*

PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"

HONONEGAH ROAD		SLATS	RMAP
STA	O/S	P CUL CL A 1 EQRS 24 (FT)	P CUL CL A 1 EQRS 24 (FT)
74+50 to 75+34 (Echo Drive)	Lt	72.0	
94+95 to 95+87 (Vivian Court)	Lt	80.0	
100+77 to 101+87 (Dorr Road)	Lt	104.0	
101+99 to 102+86 (Dorr Road)	Lt	88.0	
119+05 to 119+81 (Beecher Dr)	Lt		64.0
131+62 to 132+13(Frances Lane)	Lt		40.0
Total		*344.0*	*104.0*

DRYWELLS

HONONEGAH ROAD		SLATS	RMAP
STA	O/S	DRYWELLS (EA) SLATS	DRYWELLS (EA) RMAP
69+00	Rt	1.0	
74+00	Lt	1.0	
78+00	Lt	1.0	
82+40	Rt	1.0	
116+25			1.0
119+75	Rt		1.0
123+00	Rt		1.0
127+30	Rt		1.0
128+00	Rt		1.0
131+70	Rt		1.0
133+50	Rt		1.0
140+00	Lt		1.0
Total		*4.0*	*8.0*

PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"

HONONEGAH ROAD		SLATS	RMAP
STA	O/S	PRC FLAR END SEC 15 (EA)	PRC FLAR END SEC 15 (EA)
114+82	Lt		1.0
Sub-Total		*0.0*	*1.0*
McCURRY ROAD		**SLATS**	**RMAP**
STA	O/S	PRC FLAR END SEC 15 (EA)	PRC FLAR END SEC 15 (EA)
21+17	Lt	1.0	
21+96	Lt	1.0	
Sub-Total		*2.0*	*0.0*
Total		*2.0*	*1.0*

PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 18"

HONONEGAH ROAD		SLATS	RMAP
STA	O/S	PRC FL END S EQ RS 18 (EA)	PRC FL END S EQ RS 18 (EA)
82+45 (Valley Forge)	Rt	1.0	
83+13 (Valley Forge)	Rt	1.0	
87+29 (Doris Drive)	Lt	1.0	
88+05 (Doris Drive)	Lt	1.0	
Total		*4.0*	*0.0*

PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 24"

HONONEGAH ROAD		SLATS	RMAP
STA	O/S	PRC FL END S EQ RS 24 (EA)	PRC FL END S EQ RS 24 (EA)
55+32 (John Drive)	Lt	1.0	
74+50 (Echo Drive)	Lt	1.0	
75+34 (Echo Drive)	Lt	1.0	
87+29 (Doris Drive)	Lt	1.0	
88+05 (Doris Drive)	Lt	1.0	
94+95 (Vivian Court)	Lt	1.0	
95+87 (Vivian Court)	Lt	1.0	
100+77 (Dorr Road)	Lt	1.0	
102+86 (Dorr Road)	Lt	1.0	
119+05 (Beecher Drive)	Lt		1.0
119+82 (Beecher Drive)	Lt		1.0
131+61 (Frances Lane)	Lt		1.0
132+13 (Frances Lane)	Lt		1.0
Total		*9.0*	*4.0*

INLETS, SPECIAL, NO. 1

HONONEGAH ROAD		SLATS	RMAP
STA	O/S	INLETS SPL N1 (EA)	INLETS SPL N1 (EA)
114+71.84	Lt		1.0
Total		*0.0*	*1.0*

MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID

DORR ROAD		SLATS	RMAP
STA	O/S	MAN TA 4 DIA T1F CL (EA)	MAN TA 4 DIA T1F CL (EA)
21+38	Lt	1.0	
Total		*1.0*	*0.0*

MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID

HONONEGAH ROAD		SLATS	RMAP
STA	O/S	IMAN TA 6 DIA T1F CL (EA)	IMAN TA 6 DIA T1F CL (EA)
101+90	Lt	1.0	
Total		*1.0*	*0.0*

PIPE CULVERT REMOVAL

HONONEGAH ROAD		SLATS	RMAP
STA	O/S	PIPE CULVERT REMOV (FT)	PIPE CULVERT REMOV (FT)
54+72 to 55+32 (John Drive)	Lt	0.0	
66+00 (Duncan Lane)	Lt	5.0	
70+42 to 70+82 (P.E.)	Lt	0.0	
72+88 to 73+09 (P.E.)	Lt	21.0	
74+62 to 75+22 (Echo Drive)	Lt	60.4	
77+09 to 77+39 (P.E.)	Lt	29.7	
78+76 to 79+76 (P.E.)	Lt	0.0	
80+86 to 81+11 (P.E.)	Lt	25.0	
82+44 to 83+40 (P.E.)	Lt	0.0	
82+59 to 83+03 (Valley Forge)	Rt	45.0	
85+65 to 86+45 (P.E.)	Lt	0.0	
85+78 to 86+49 (P.E.)	Rt	71.0	
87+41 to 87+90 (Doris Drive)	Lt	48.8	
88+23 to 89+12 (P.E.)	Rt	90.0	
90+71 to 90+87 (P.E.)	Lt	16.0	
90+74 to 91+89 (P.E.)	Rt	210.0	
91+74 to (P.E.)	Lt	0.0	
92+14 (P.E.)	Lt	24.0	
92+04 to 92+27 (P.E.)	Lt	23.2	
93+15 to 93+93 (P.E.)	Rt	78.0	
94+73 to 96+32 (P.E.)	Rt	159.0	
95+13 to 95+62 (Vivian Court)	Lt	49.0	
97+21 to 97+49 (P.E.)	Lt	27.8	
98+19 to 98+44 (P.E.)	Lt	24.7	
98+34 to 99+19 (P.E.)	Rt	86.0	
100+45 to 102+89 (Dorr Road)	Lt	247.2	
101+15 (Dorr Road)	Lt	47.2	
102+06 (Dorr Road)	Lt	29.0	
115+53 to 115+94 (P.E.)	Lt		41.9
117+17 to 117+58 (P.E.)	Lt		41.2
118+80 to 119+00 (P.E.)	Lt		20.9
119+18 TO 119+62 (Beecher Dr)	Lt		43.9
119+76 to 120+00 (P.E.)	Lt		24.3
121+45 (P.E.)	Lt		30.0
122+32 to 122+63 (P.E.)	Lt		30.9
123+41 to 123+60 (P.E.)	Lt		19.1
124+34 to 124+55 (P.E.)	Lt		21.2
125+51 (P.E.)	Lt		0.0
126+42 (P.E.)	Lt		0.0
127+45 to 127+66 (P.E.)	Lt		21.1
129+13 to 129+33 (P.E.)	Lt		20.5
130+48 (P.E.)	Lt		0.0
131+67 to 132+08 (Frances Lane)	Lt		41.9
Total		*1,417.0*	*356.9*

METAL END SECTIONS 12"

HONONEGAH ROAD		SLATS	RMAP
STA	O/S	MET END SEC 12 (EA)	MET END SEC 12 (EA)
125+32 to 125+70	Lt		2.0
126+24 to 126+60	Lt		2.0
127+38 to 127+74	Lt		2.0
Total		*0.0*	*6.0*

SAW CUTTING, (FULL DEPTH)

HONONEGAH ROAD		SLATS	RMAPS
STA	O/S	SAW CUTTING (FD) (FT)	SAW CUTTING (FD) (FT)
61+50 to 100+00	Lt.	3,852.0	
100+00 to Dorr Rd 22+50	Lt.	322.0	
Dorr Rd 21+80 to 102+20	Lt.	208.0	
102+20 to 105+10	Lt.	296.0	
105+10 to 107+30	Lt.	221.0	
109+42 to 114+00	Lt.	302.0	
114+30 to 131+75	Lt.		1,775.0
132+00 to 137+90	Lt.		589.0
137+90 to 140+10	Lt.		227.0
61+50 to 105+25	Rt.	4381.0	
105+25 to 107+30	Rt.	208.0	
109+42 to 114+00	Rt.	458.0	
114+00 to 116+75	Rt.		437.0
116+75 to 140+10	Rt.		2,335.0
Sub-Total		**10,248.0**	**5,363.0**

McCURRY ROAD			
STA	O/S	SAW CUTTING (FD) (FT)	SAW CUTTING (FD) (FT)
10+50 to 13+50	Lt		300.0
10+50 to 13+51	Rt		272.0
Sub-Total		**0.0**	**572.0**

MULTI - USE PATH			
STA	O/S	SAW CUTTING (FD) (FT)	SAW CUTTING (FD) (FT)
63+50 to 68+85 (Both side of path	Rt	1070.0	
69+85 to 74+25(Both side of path	Rt	888.0	
76+50 to 78+25(Both side of path	Rt	348.0	
83+26 to 84+50(Both side of path	Rt	246.0	
128+17 to 131+45 (Both side of p	Rt		655.0
135+25 to 140+50(Both side of pa	Rt		1,036.0
Sub-Total		**2,552.0**	**1,691.0**
Total		***12,800.0***	***7,626.0***

CLASS SI CONCRETE (OUTLET) (CY)

HONONEGAH ROAD		SLATS	RMAPS
STA	O/S	CLASS SI CONC OUTLET (CY)	CLASS SI CONC OUTLET (CY)
111+16 to 111+42	Lt	5.0	
417+26.09 to 417+79.01	Rt	5.0	
Total		**10.0**	**0.0**

HEADWALL REMOVAL

HONONEGAH ROAD		SLATS	RMAPS
STA	O/S	HEADWALL REMOVAL (EA)	HEADWALL REMOVAL (EA)
98+30	Rt	1.0	
118+77	Lt		1.0
119+03	Lt		1.0
Sub-Total		**1.0**	**2.0**

CONCRETE CURB REMOVAL

HONONEGAH ROAD		SLATS	RMAPS
STA	O/S	COMB CURB GUTTER REM (FT)	COMB CURB GUTTER REM (FT)
110+98 to 114+00	Lt	346.0	
110+85 to 114+00	Rt	316.0	
114+00 to 116+00	Rt		200.0
Sub-Total		**662.0**	**200.0**

McCURRY ROAD			
STA	O/S	COMB CURB GUTTER REM (FT)	COMB CURB GUTTER REM (FT)
10+25 TO 13+51	Rt		353.0
Sub-Total		**0.0**	**353.0**
Total		***662.0***	***553.0***

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

HONONEGAH ROAD		SLATS	RMAPS
STA	O/S	CCC&G B6.24 (FT)	CCC&G B6.24 (FT)
111+62.8 TO 114+00	Lt	252.0	
111+45.6 TO 114+00	Rt	252.0	
114+00 TO 116+00	Rt		200.0
Sub-Total		**504.0**	**200.0**

McCURRY ROAD			
STA	O/S	CCC&G B6.24 (FT)	CCC&G B6.24 (FT)
10+25 to 12+16.5	Rt		203.4
Sub-Total			**203.4**
Total		***504.0***	***403.4***

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (VARIABLE WIDTH GUTTER FLAG)

McCURRY ROAD		SLATS	RMAPS
STA	O/S	CCC&G B6.24 VWGF(FT)	CCC&G B6.24 VWGF(FT)
12+16.5 TO 13+51	Rt		135.0
Sub-Total		**0.0**	**135.0**
Total		***0.0***	***135.0***

DETECTABLE WARNINGS (SF)

HONONEGAH ROAD		SLATS	RMAPS
STA	O/S	DETECTABLE WARNINGS (SF)	DETECTABLE WARNINGS (SF)
114+25 PE	RT		81.0
114+50 PE	RT		93.0
119+25 TRESMERE RD	RT		82.0
119+25 TRESMERE RD	RT		60.0
Total		**0.0**	**316.0**

THERMOPLASTIC PVEMENT MARKING - LINE 6"

WHITE EDGE LINE

HONONEGAH ROAD	SLATS	RMAPS
STA	(FT)	(FT)
51+30 to114+10 Hononegah	12,560.0	
20+50 to 23+00 Dorr	500.0	
10+50 to 13+50 McCurry		600.0
114+10 to 143+50 Hononegah		2,940.0
Sub-Total	***13,060.0***	***3,540.0***

YELLOW MEDIAN LINE

61+50 to114+10 Hononegah	9,620.0	
20+50 to 23+00 Dorr	500.0	
10+50 to 13+50 McCurry		600.0
114+10 to 143+50 Hononegah		2,940.0
Sub-Total	***10,120.0***	***3,540.0***

YELLOW LANE LINES - 6" SKIP DASH (10-30)

51+30 TO 61+50 (STANDARD)	260.0	
67+50 TO 97+00 (TWO-WAY MEDIAN)	1,250.0	
114+75 TO 140+00		1,130.0
Sub-Total	***1,510.0***	***1,130.0***
TOTAL	***24,690.0***	***8,210.0***

THERMOPLASTIC MARKING - LINE 8"

WHITE TURN LANE LINE

HONONEGAH ROAD	SLATS	RMAPS
STA	(FT)	(FT)
66+00 TO 66+50	50.0	
98+85 TO 100+70	185.0	
114+00 TO 114+50	185.0	
144+00 TO 144+50		50.0
Sub-Total	***420.0***	***50.0***

TURN LANE TURKEY TRACKS - SKIP DASH

61+50 to 66+00	114.0	
97+00 to 99+00	50.0	
111+00 to 112+56	40.0	
141+75 to 143+75		50.0
Sub-Total	***204.0***	***50.0***
TOTAL	***624.0***	***100.0***

THERMOPLASTIC PAVEMENT MARKING - LINE 12"

YELLOW MEDIAN CHEVRONS

HONONEGAH ROAD	SLATS	RMAPS
STA	(FT)	(FT)
20+50 to 22+50 Dorr	90.0	
Dorr Intersection Islands	50.0	
98+90 to 100+80 Hononegah	25.0	
101+75 to 113+75 Hononegah	360.0	
10+50 to 13+50 McCurry		150.0
McCurry Intersection Islands		20.0
140+00 to 144+00 Hononegah		160.0
Total	***525.0***	***330.0***

RAISED REFLECTIVE PAVEMENT MARKER

HONONEGAH ROAD	SLATS	RMAPS
STA	(EA)	(EA)
51+30 to114+00 (AMBER)	234.00	
51+30 to114+00 (CRYSTAL)	11.00	
114+00 to 140+00 (AMBER)		153.00
114+00 to 140+00 (CRYSTAL)		0.00
Total	***245.00***	***153.00***

THERMOPLASTIC PAVEMENT MARKING - LINE 24" STOP BAR

HONONEGAH ROAD	SLATS	RMAPS
STA	THP PVT MK LINE 24" (FT)	THP PVT MK LINE 24" (FT)
52+00 RT (VALLEY FORGE)	28.0	
55+00 LT (JOHN)	28.0	
67+00 LT (DUNCAN)	28.0	
69+50 RT (ABE)	28.0	
75+00 LT (ECHO)	35.0	
82+75 RT (VALLEY FORGE)	28.0	
87+60 LT (DORIS)	28.0	
95+30 LT (VIVIAN)	28.0	
96+75 RT (FOREST PRESERVE)	35.0	
101+30 LT (DORR)	--	
SB LT	14.0	
SB RT	24.0	
EB T/L	24.0	
WB T	12.0	
WB LT	24.0	
1119+30 RT (TRESEMER)		28.0
125+75 RT (WAGONER)		28.0
132+00 LT (FRANCES)		28.0
132+00 RT (BLUE SPRUCE)		28.0
Total	***364.0***	***112.0***

THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

HONONEGAH ROAD	SLATS	RMAPS
STA	(SF)	(SF)
67+00 LT ARROW	15.60	
"ONLY"	13.60	
100+00 LT ARROWS	31.20	
"ONLY"	27.20	
102+50 RT ARROWS	31.20	
"ONLY"	27.20	
113+00 LT ARROWS	31.20	
"ONLY"	27.20	
144+00 LT ARROW	15.60	
"ONLY"	13.60	
TWO-WAY MEDIAN ARROWS (28)	436.80	
144+00 LT ARROW		15.60
"ONLY"		13.60
TWO-WAY MEDIAN ARROWS (26)		405.6
Total	***670.40***	***434.80***

POTASSIUM FERTILIZER NUTRIENT

HONONEGAH ROAD	SLATS	RMAPS
STA	POTASSIUM (LBS)	POTASSIUM (LBS)
51+30 to 114+00 R&L	272	
114+00 to 140+00 R&L		79
Total	**272**	**79**

MULCH, METHOD 2

HONONEGAH ROAD	SLATS	RMAPS
STA	MULCH (AC)	MULCH (AC)
51+30 to 114+00 R&L	3.02	
114+00 to 140+00 R&L		0.88
Total	**3.02**	**0.88**

TEMPORARY EROSION CONTROL SEEDING

HONONEGAH ROAD	SLATS	RMAPS
STA	TEMP. EROSION SEEDING (LBS)	TEMP. EROSION SEEDING (LBS)
51+30 to 114+00 R&L	300	
114+00 to 140+00 R&L		90
Total	**300**	**90**

TOPSOIL EXCAVATION & PLACEMENT, SPECIAL (CY)

HONONEGAH ROAD	SLATS	RMAPS
STA	TOPSOIL PLACEMENT (CY)	TOPSOIL PLACEMENT (CY)
51+30 to 114+00 R&L	1,606.0	
114+00 to 140+00 R&L		465.0
Total	***1,606.0***	***465.0***

SEEDING, CLASS 2A

HONONEGAH ROAD	SLATS	RMAPS
STA	SEEDING CL 2A (AC)	SEEDING CL 2A (AC)
51+30 to 114+00 R&L	3.02	
114+00 to 140+00 R&L		0.88
Total	**3.02**	**0.88**

EROSION CONTROL BLANKET

HONONEGAH ROAD	SLATS	RMAPS
STA	EROS CONTR BLANK (SY)	EROS CONTR BLANK (SY)
51+30 to 114+00 R&L	14597.0	
114+00 to 140+00 R&L		4222.0
Total	***14,597.0***	***4,222.0***

PERIMETER EROSION BARRIER

HONONEGAH ROAD	SLATS	RMAPS
STA	PERIMETER EROS BAR (FT)	PERIMETER EROS BAR (FT)
51+30 to 114+00 R&L	11720.00	
114+00 to 140+00 R&L		4,722.00
Contingency	500.00	
Total	**12,220.00**	**4,722.00**

TEMPORARY DITCH CHECKS

HONONEGAH ROAD	SLATS	RMAPS
STA	TEMP DITCH CHECKS (FT)	TEMP DITCH CHECKS (FT)
51+30 to 114+00 R&L	470.0	
114+00 to 140+00 R&L		100.0
Total	***470.0***	***100.0***

INLET AND PIPE PROTECTION

HONONEGAH ROAD	SLATS	RMAPS
STA	INLET & PIPE PROTECT (EA)	INLET & PIPE PROTECT (EA)
51+30 to 114+00 R&L	12.0	
114+00 to 140+00 R&L		5.0
Total	**12.0**	**5.0**

NITROGEN FERTILIZER NUTRIENT

HONONEGAH ROAD	SLATS	RMAPS
STA	NITROGEN (LBS)	NITROGEN (LBS)
51+30 to 114+00 R&L	272	
114+00 to 140+00 R&L		79
Total	**272**	**79**

PHOSPHORUS FERTILIZER NUTRIENT

HONONEGAH ROAD	SLATS	RMAPS
STA	PHOSPHORUS(LBS)	PHOSPHORUS(LBS)
51+30 to 114+00 R&L	272	
114+00 to 140+00 R&L		79
Total	**272**	**79**

STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS

HONONEGAH ROAD

STA	OFFSET	SPBGR TY A 6FT POSTS (FT)
106+37.8 to 107+25.3	Lt	87.5
105+76.8 to 107+38.5	Rt	162.5
109+42.5 to 110+67.5	Lt	125.0
109+14.8 to 110+02.3	Rt	87.5
Total		***462.5***

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

HONONEGAH ROAD

STA	OFFSET	TR BAR TRM TI SPL TAN (EA)
106+48.5 to 106+73.5	Lt	1.0
105+50.8 to 105+75.8	Rt	1.0
110+65.2 to 110+87.2	Lt	1.0
110+01.6 to 110+26.6	Rt	1.0
Total		***4.0***

TRAFFIC BARRIER TERMINAL, TYPE 5R

HONONEGAH ROAD

STA	OFFSET	TRAF BAR TERM T5R (EA)
107+61.3 to 107+73.8	Lt	1.0
107+38.5 to 107+51	Rt	1.0
109+30 to 109+42.5	Lt	1.0
109+02.3 to 109+14.8	Rt	1.0
Total		***4.0***

GUARDRAIL REMOVAL

HONONEGAH ROAD

STA	OFFSET	GUARDRAIL REMOV (FT)
106+48.5 to 107+73.8	Lt	125.0
105+50.8 to 107+51	Rt	200.0
109+30 to 110+87.2	Lt	162.5
109+02.3 to 110+26.6	Rt	125.0
Total		***612.5***

TERMINAL MARKER - DIRECT APPLIED

HONONEGAH ROAD

STA	OFFSET	TERMINAL MARKER - DA (EA)
106+48	Lt	1.0
105+50	Rt	1.0
110+87.2	Lt	1.0
110+26.6	Rt	1.0
Total		***4.0***

BIDIRECTIONAL GUARD RAIL REFLECTORS

HONONEGAH ROAD

STA	OFFSET	BIDIRECT GDRL REFL (EA)
106+48.5 to 107+73.8	Lt	3.0
105+50.8 to 107+51	Rt	4.0
109+30 to 110+87.2	Lt	3.0
109+02.3 to 110+26.6	Rt	3.0
Total		***13.0***

SIGN PANELS & POSTS

HONONEGAH ROAD

STA	O/S	SIGN PANEL	SIGN PANEL T1 (SF)		SIGN PANEL T2 (SF)		METAL POST TY B (EA)	
			SLATS	RMAP	SLATS	RMAP	SLATS	RMAP
51+85	Rt	R1-1 (30" x 30")	6.25				1	
55+02	Lt	R1-1 (30" x 30")	6.25				1	
64+00	Rt	R3-9b (24" x 36")	6.00				1	
67+00	Lt	R1-1 (30" x 30")	6.25				1	
69+08	Rt	R1-1 (30" x 30")	6.25				1	
72+00	Rt	R3-9b (24" x 36")	6.00				1	
72+00	Lt	R3-9b (24" x 36")	6.00				1	
74+82	Lt	R1-1 (30" x 30")	6.25				1	
80+00	Rt	R3-9b (24" x 36")	6.00				1	
80+00	Lt	R3-9b (24" x 36")	6.00				1	
82+82	Rt	R1-1 (30" x 30")	6.25				1	
87+67	Lt	R1-1 (30" x 30")	6.25				1	
88+50	Rt	R3-9b (24" x 36")	6.00				1	
88+50	Lt	R3-9b (24" x 36")	6.00				1	
95+36	Lt	R1-1 (30" x 30")	6.25				1	
96+00	Lt	R3-9b (24" x 36")	6.00				1	
98+78	Rt	R1-1 (30" x 30")	6.25				1	
101+34	Lt	R10-12 (24" x 30") - Mast Arm Mount	5.00					
101+34	Lt	D3-1 (30" x 96") - Mast Arm Mount			20			
101+34	Lt	D3-1 (30" x 96") - Mast Arm Mount			20			
101+34	Lt	D3-1 (30" x 96") - Mast Arm Mount			20			
119+36	Rt	R1-1 (30" x 30")		6.25				1
119+40	Lt	R1-1 (30" x 30")		6.25				1
121+00	Rt	R3-9b (24" x 36")		6.00				1
121+00	Lt	R3-9b (24" x 36")		6.00				1
127+68	Rt	R1-1 (30" x 30")		6.25				1
128+50	Rt	R3-9b (24" x 36")		6.00				1
128+50	Lt	R3-9b (24" x 36")		6.00				1
131+87	Lt	R1-1 (30" x 30")		6.25				1
132+04	Rt	R1-1 (30" x 30")		6.25				1
133+00	Rt	R3-9b (24" x 36")		6.00				1
133+00	Lt	R3-9b (24" x 36")		6.00				1
139+46	Rt	R1-1 (30" x 30")		6.25				1
Total			***109.25***	***73.50***	***60.00***	***0.00***	***17.00***	***12.00***

MULTI-USE PATH SEAL COAT (SY)

HONONEGAH ROAD

STA	O/S	SLATS: M-U PATH SEAL COAT (SY)	RMAPS: M-U PATH SEAL COAT (SY)
51+25 to 114+00 MULTI-USE PATH	Rt	22,433.00	
114+00 to 140+00 MULTI-USE PATH	Rt		9,538.00
Total		***22,433.00***	***9,538.00***

STONE DUMPED RIPRAP, CLASS A2 (SY)
FILTER FABRIC (SY)

HONONEGAH ROAD	SLATS	RMAP	SLATS	RMAP
STA	STONE DUMP RIP CL A2 (SY)	STONE DUMP RIP CL A2 (SY)	FILTER FABRIC (SY)	FILTER FABRIC (SY)
99+24 Rt.	10.0		10.0	
102+92 Lt.	10.0		10.0	
110+91 Rt.	10.0		10.0	
111+10 Lt.	10.0		10.0	
Total	**40.0**	**0.0**	**40.0**	**0.0**

SHORT-TERM PAVEMENT MARKING (FT)
TEMPORARY PAVEMENT MARKING LINE 4"(FT)
WORK ZONE PAVEMENT MARKING REMOVAL (SF)

	SHORT-TERM PAVT MKING (FT)		*TEMP PT PVT M LINE 4 (FT)*		*WORK ZONE PAVT MK REM (SF)*	
HONONEGAH ROAD	**SLATS**	**RMAP**	**SLATS**	**RMAP**	**SLATS**	**RMAP**
STA						
51+31 TO 114+00	1,255.0		18,807.0		420.0	
114+00 TO 140+07		522.0		7,821.0		175.0
Total	***1,255.0***	***522.0***	***18,807.0***	***7,821.0***	***420.0***	***175.0***

AGGREGATE SHOULDERS, TYPE B

HONONEGAH ROAD	SLATS	RMAPS
STA	AGGREGATE SHOULDERS, TYPE B (TON)	AGGREGATE SHOULDERS, TYPE B (TON)
51+30 to 55+02 (LT)	253.8	
51+30 to 51+85 (RT)	26.3	
51+85 to 69+08 (RT)	1,193.5	
55+02 to 67+00 (LT)	825.0	
67+00 to 70+62 (LT)	234.2	
69+08 to 82+81 (RT)	915.3	
70+62 to 72+95 (LT)	116.2	
72+95 to 74+82 (RT)	88.9	
82+81 to 86+13 (RT)	196.7	
86+13 to 88+69 (RT)	141.1	
88+69 to 90+74 (RT)	100.8	
90+74 to 91+89 (RT)	37.5	
91+89 to 93+52 (RT)	72.1	
93+52 to 95+09 (RT)	67.6	
96+92 to 98+79 (RT)	172.2	
98+79 to 107+37 (RT)	4,077.2	
101+34 to 107+63 (LT)	531.3	
109+19 to 111+24 (RT)	161.4	
109+29 to 111+41 (LT)	309.4	
116+00 to 119+35 (RT)		225.8
119+39 to 122+67 (RT)		71.4
122+67 to 125+42 (RT)		146.3
125+42 to 127+67 (RT)		136.5
127+67 to 132+04 (RT)		281.8
131+87 to 140+63 (LT)		693.7
132+04 to 134+03 (RT)		94.2
134+03 to 140+10 (RT)		278.3
Sub-Total	***9,520.0***	***1,927.8***
DORR ROAD		
STA	AGGREGATE SHOULDERS, TYPE B (TON)	AGGREGATE SHOULDERS, TYPE B (TON)
21+67 to 22+50 (LT)	51.8	
Sub-Total	***51.8***	***0.0***
McCURRY ROAD		
STA	AGGREGATE SHOULDERS, TYPE B (TON)	AGGREGATE SHOULDERS, TYPE B (TON)
10+64 to 13+51 (LT)		202.0
Sub-Total		***202.0***
TOTAL	***9,571.8***	***2,129.8***

HOT-MIX ASPHALT SHOULDERS, 8"

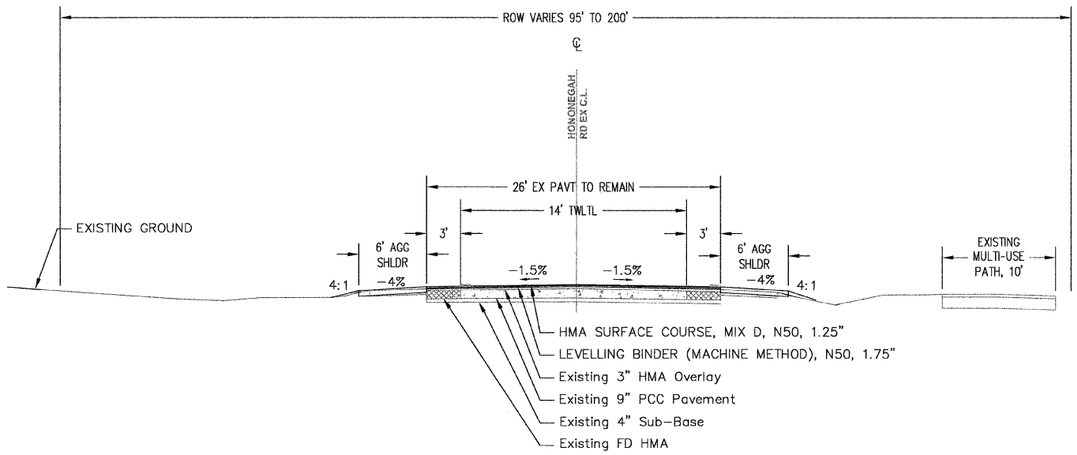
HONONEGAH ROAD	SLATS	RMAP
STA	HMA SHOULDERS 8" (SY)	HMA SHOULDERS 8" (SY)
74+82 to 77+22 (LT)	419.0	
77+22 to 78+95 (LT)	262.0	
78+95 to 79+54 (LT)	43.0	
79+54 to 80+91 (LT)	217.0	
80+91 to 82+65 (LT)	258.0	
83+18 to 85+85 (LT)	460.0	
86+28 to 87+62 (LT)	231.0	
87+62 to 90+72 (LT)	569.0	
90+74 to 91+74 (LT)	117.0	
92+14 to 95+36 (LT)	652.0	
95+36 to 97+35 (LT)	368.0	
97+35 to 98+32 (LT)	85.0	
98+32 to 101+34 (LT)	643.0	
101+34 to 102+13 (LT)	98.0	
114+97 to 115+75 ((LT)		108.0
115+75 to 117+37 (LT)		233.0
117+37 to 119+39 (LT)		353.0
119+35 to 121+45 (LT)		359.0
121+45 to 122+45 (LT)		127.0
122+45 to 123+49 (LT)		132.0
123+49 to 124+45 (LT)		116.0
124+45 to 125+51 (LT)		137.0
125+51 to 126+42 (LT)		107.0
126+42 to 127+56 (LT)		156.0
127+56 to 129+24 (LT)		263.0
129+24 to 130+48 (LT)		171.0
130+48 to 131+87 (LT)		243.0
Sub-Total	***4,422.0***	***2,505.0***
McCURRY ROAD		
STA	HMA SHOULDERS 8" (SY)	HMA SHOULDERS 8" (SY)
21+73 to 22+50 (LT)		109.0
Sub-Total	***0.0***	***109.0***
Total	***4,422.0***	***2,614.0***

TREE REMOVAL, ACRES

HONONEGAH ROAD		SLATS	RMAPS
STA	O/S	UNIT (AC)	UNIT (AC)
101+00 to 107+00	Rt	0.47	
Total		***0.47***	***0.00***

HONONEGAH RD PROPOSED TYPICAL SECTION (RESURFACING)

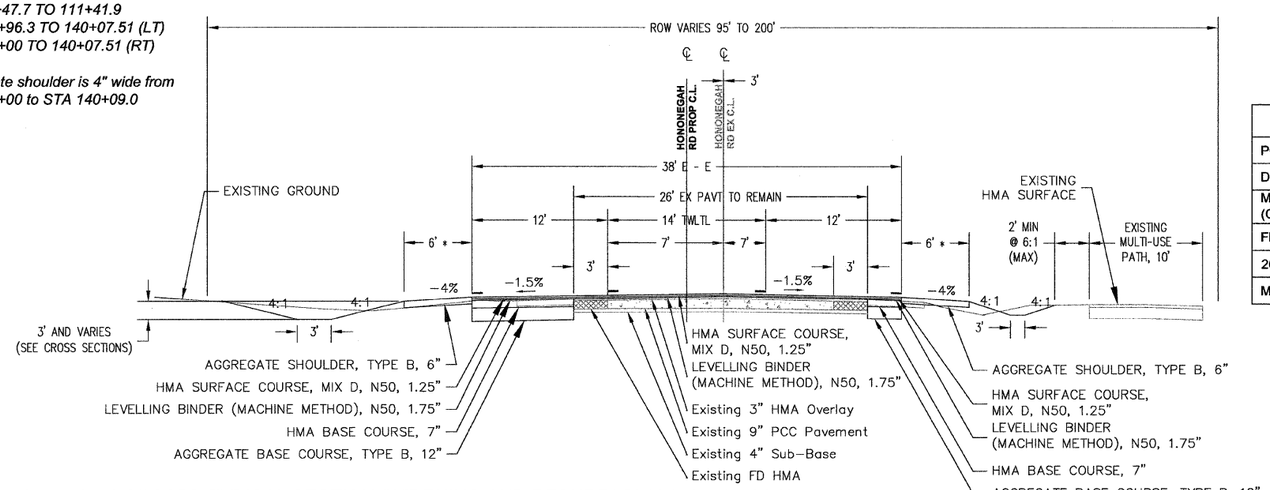
STA. 51+30.6 TO STA. 61+47.7



HONONEGAH RD PROPOSED TYPICAL SECTION (WIDENING AND RESURFACING)

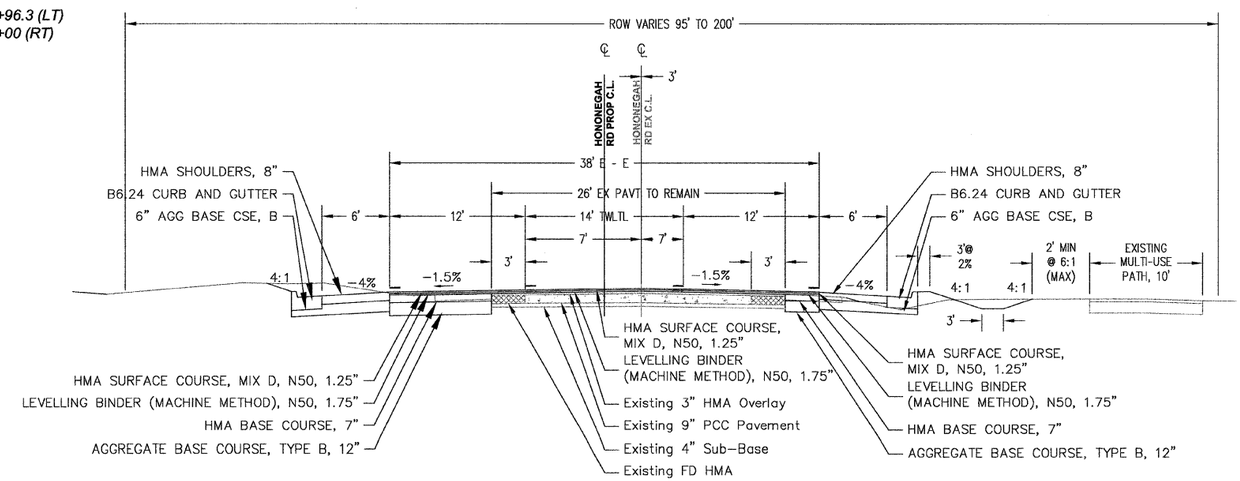
STA. 61+47.7 TO 111+41.9
STA 114+96.3 TO 140+07.51 (LT)
STA 116+00 TO 140+07.51 (RT)

**Aggregate shoulder is 4" wide from STA 134+00 to STA 140+09.0*



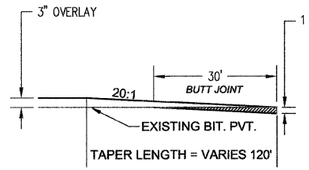
HONONEGAH RD PROPOSED TYPICAL SECTION (WIDENING AND RESURFACING W/ NEW C&G)

STA. 111+41.9 TO STA. 114+96.3 (LT)
STA. 111+41.9 TO STA. 116+00 (RT)



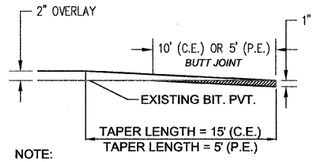
BUTT JOINT & HOT-MIX ASPHALT TAPER DETAIL

(MAINLINE)



BUTT JOINT & HOT-MIX ASPHALT TAPER DETAIL

(SIDE - ROADS, CE'S AND PE'S ONLY)



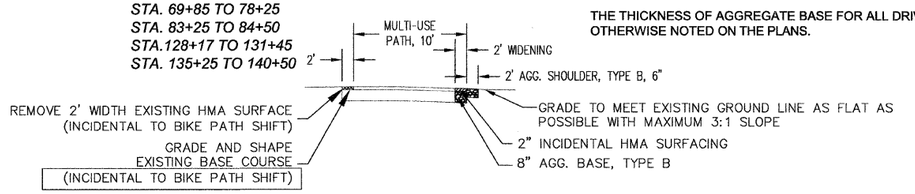
NOTE:
CORING OUT THE EXISTING AGGREGATE BASE ON ENTRANCES AND ALL PREPARATION WORK SHALL BE INCIDENTAL TO THE INCIDENTAL HOT-MIX ASPHALT SURFACING PAY ITEM.

THE THICKNESS OF INCIDENTAL HOT-MIX ASPHALT SURFACE FOR ALL DRIVES SHALL BE 2" MINIMUM UNLESS OTHERWISE NOTED ON THE PLANS.

THE THICKNESS OF AGGREGATE BASE FOR ALL DRIVES SHALL BE 6" UNLESS OTHERWISE NOTED ON THE PLANS.

PROPOSED BIKE PATH SHIFT

STA. 63+50 TO 68+85
STA. 69+85 TO 78+25
STA. 83+25 TO 84+50
STA.128+17 TO 131+45
STA. 135+25 TO 140+50



HMA MIXTURE CHART

MIXTURE USE (S):	1.25" SURFACE	1.75" LEVEL BINDER	7" BINDER, BASE COURSE	2" TOP SHOULDER	6" BOTTOM SHOULDER
PG:	PG 58-28	PG 58-28	PG 58-28	PG 58-22	PG 58-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50	3.0% @ N50	2.0% @ N50
MIXTURE COMPOSITION (GRADTION MIXTURE):	IL-9.5	IL-9.5 OR 12.5	IL-19.0	IL-9.5	BAM OR IL-19.0
FRICTION AGGREGATE:	MIX D	N/A	N/A	MIX C	N/A
20 YEAR ESAL:	VARIES TO 1.0	VARIES TO 1.0	VARIES TO 1.0	N/A	N/A
MIX UNIT WEIGHT:	112 LBS / SY / IN			112 LBS / SY / IN	

MIXTURE USE (S):	2" INCIDENTAL HMA SURFACE
PG:	PG 58-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION (GRADTION MIXTURE):	IL-9.5
FRICTION AGGREGATE:	N/A
20 YEAR ESAL:	N/A
MIX UNIT WEIGHT:	112 LBS / SY / IN

DATE: April 23, 2010
CALCULATIONS BY: WCHD
CHECKED BY:
CLASS II **ROADS AND STREETS**

LIMITS OF ANALYSIS:
STATION 51+30.61 **TO**
STATION 143+44.41
LENGTH: 9,213.80 **FT** 1.75 **MILES**

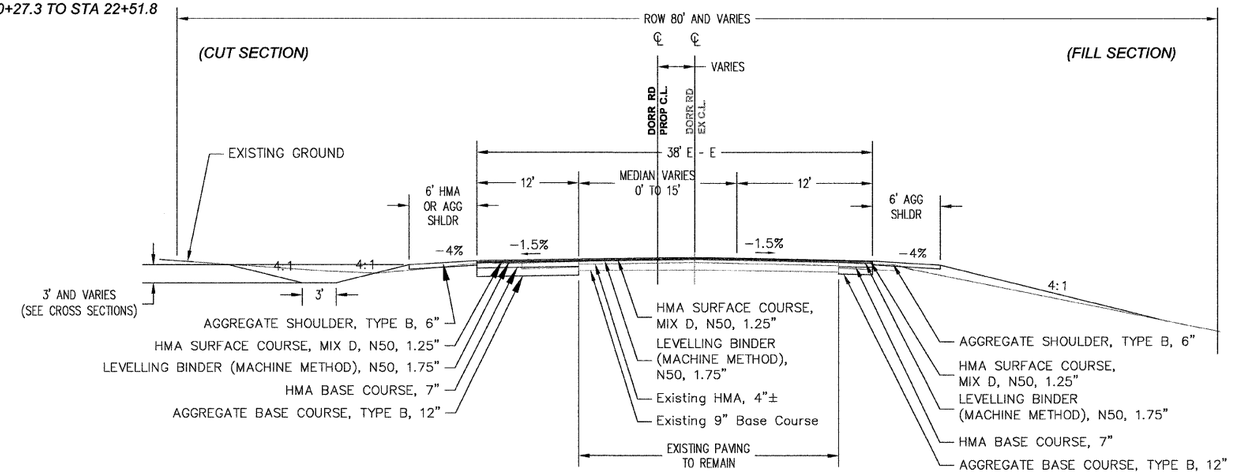
STRUCTURAL DESIGN TRAFFIC:
ADT 12,950 (YR 2020)
PV 12,393
SU 427
MU 130

ROUTE: C.H. 8 (Hononegah Road)
SECTION: 04-00361-00-PV
COUNTY: Winnebago
LOCATION: John Drive to Checkerberry Drive

PAVEMENT DESIGN:
SUBGRADE SUPPORT RATING (SSR):
Poor **(FAIR, POOR, OR GRANULAR)**
FLEXIBLE TRAFFIC FACTOR: 1.0
SELECTED DESIGN PG BINDER: PG 58-28
DESIGN PAVEMENT HMA TEMP.: 76 **°F**
DESIGN HMA MODULUS (E_{AC}): 550 **ksi**
DESIGN HMA MICROSTRAIN: 110
PAVEMENT THICKNESS: 10 **in**
SUBGRADE: Undercut as determined in the field.
COMMENTS: Skid Resistance Mix D

DORR RD PROPOSED TYPICAL SECTION (WIDENING AND RESURFACING)

STA. 20+27.3 TO STA 22+51.8



HMA MIXTURE CHART

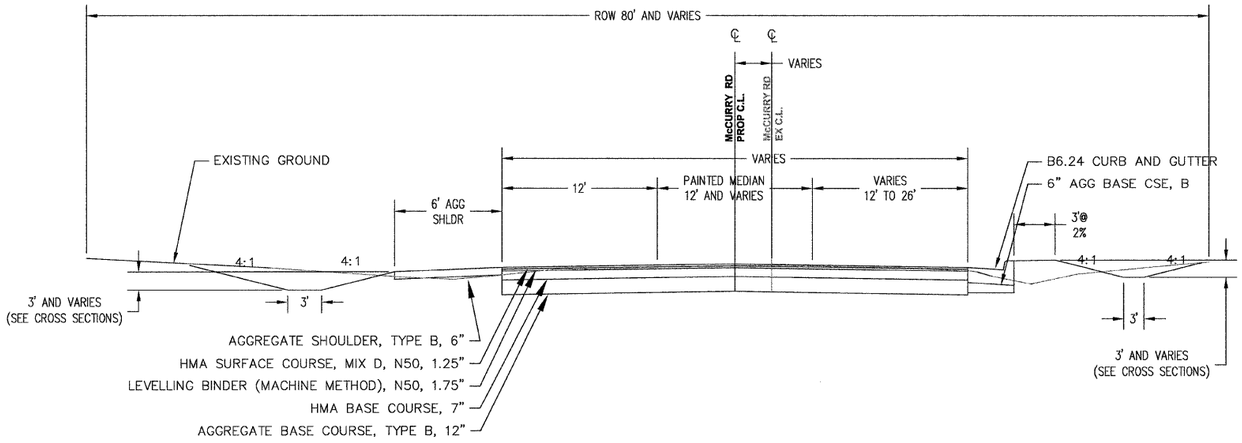
MIXTURE USE (S):	1.25" SURFACE	1.75" LEVEL BINDER	7" BINDER, BASE COURSE	2" TOP SHOULDER	6" BOTTOM SHOULDER
PG:	PG 58-28	PG 58-28	PG 58-28	PG 58-22	PG 58-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50	3.0% @ N50	2.0% @ N50
MIXTURE COMPOSITION (GRADTION MIXTURE):	IL-9.5	IL-9.5 OR 12.5	IL-19.0	IL-9.5	BAM OR IL-19.0
FRICTION AGGREGATE:	MIX D	N/A	N/A	MIX C	N/A
20 YEAR ESAL:	VARIES TO 1.0	VARIES TO 1.0	VARIES TO 1.0	N/A	N/A
MIX UNIT WEIGHT:	112 LBS / SY / IN			112 LBS / SY / IN	

MIXTURE USE (S):	2" INCIDENTAL HMA SURFACE
PG:	PG 58-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION (GRADTION MIXTURE):	IL-9.5
FRICTION AGGREGATE:	N/A
20 YEAR ESAL:	N/A
MIX UNIT WEIGHT:	112 LBS / SY / IN

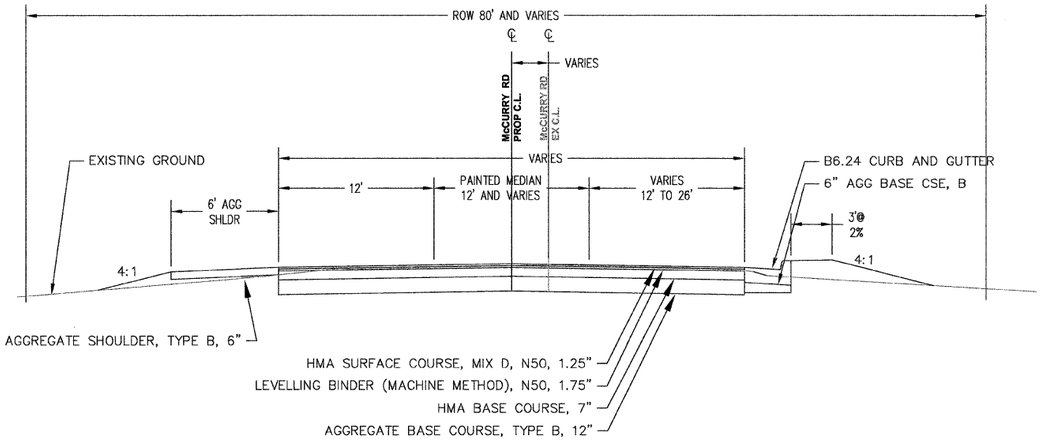
McCURRY RD PROPOSED TYPICAL SECTION (RECONSTRUCTION)

STA. 10+63 TO STA 11+26

(CUT SECTION)



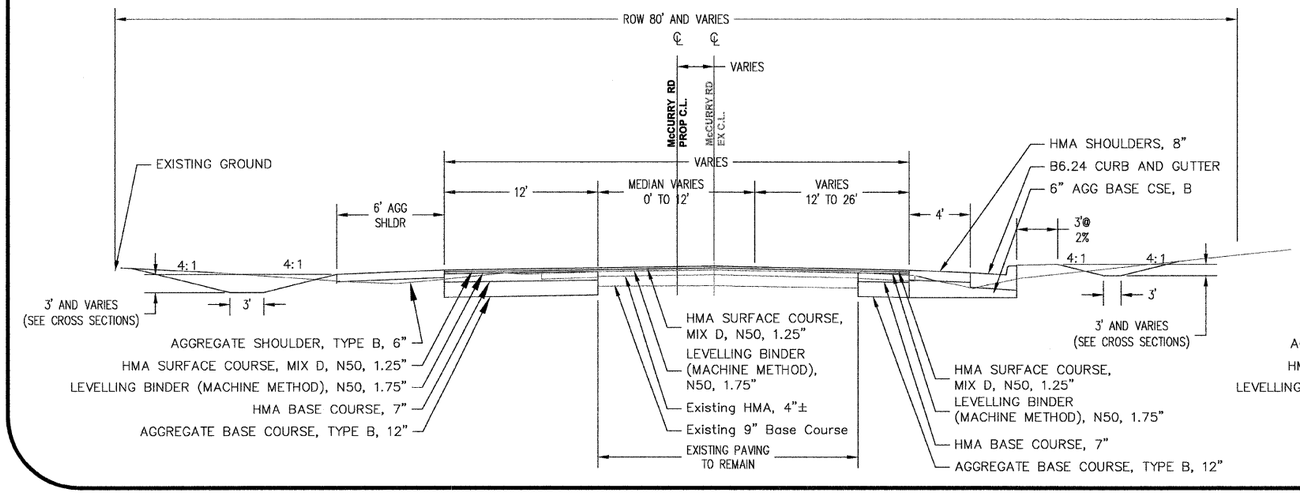
(FILL SECTION)



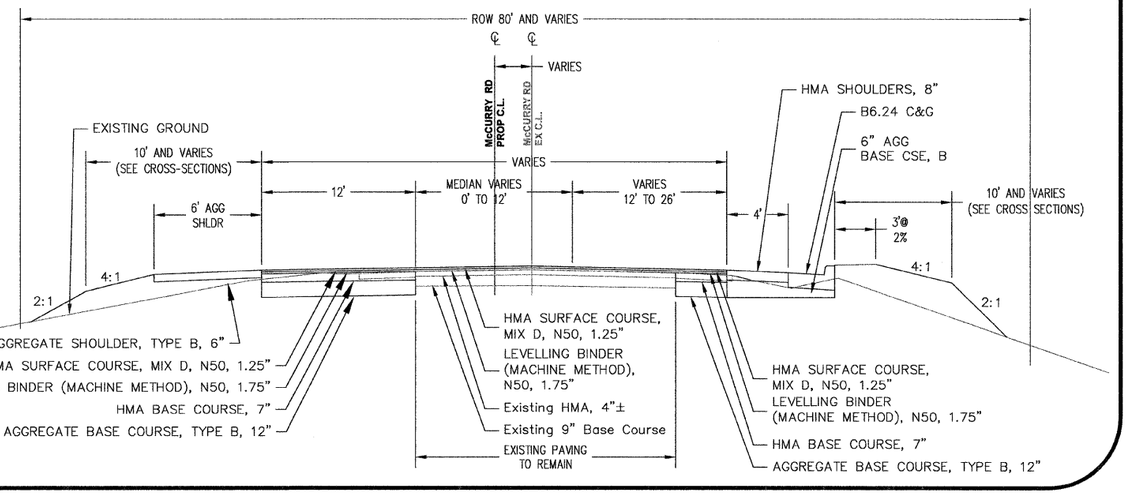
McCURRY RD PROPOSED TYPICAL SECTION (RESURFACING)

STA. 11+50 TO STA 13+52.16

(CUT SECTION)



(FILL SECTION)

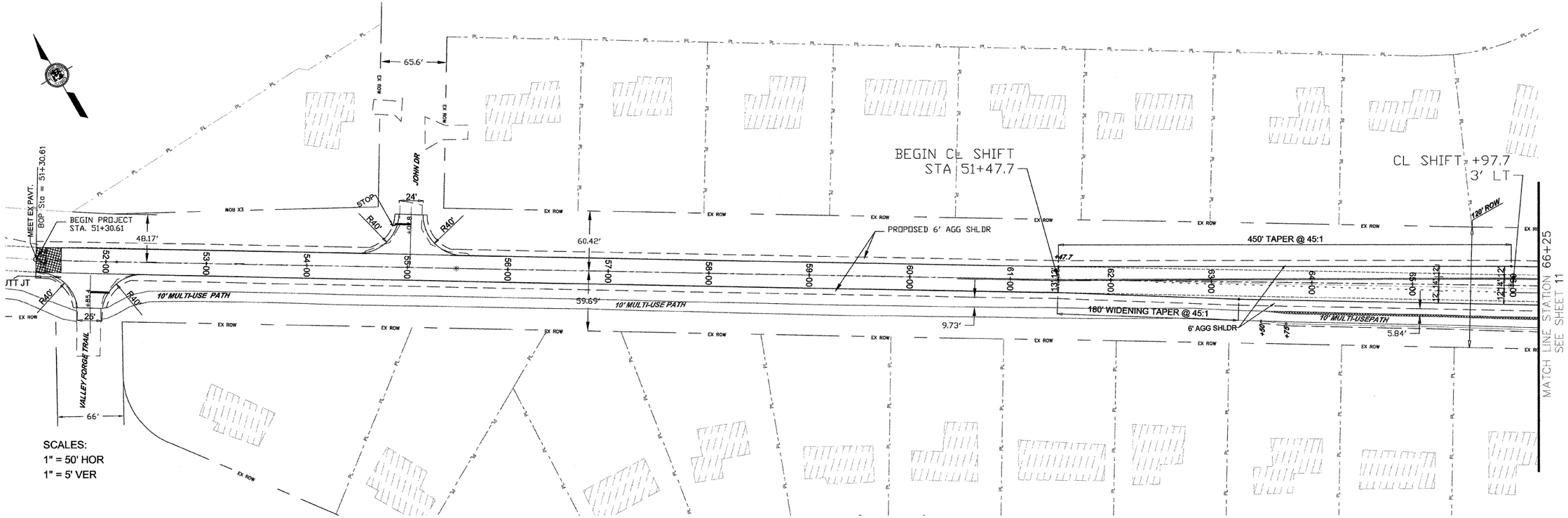


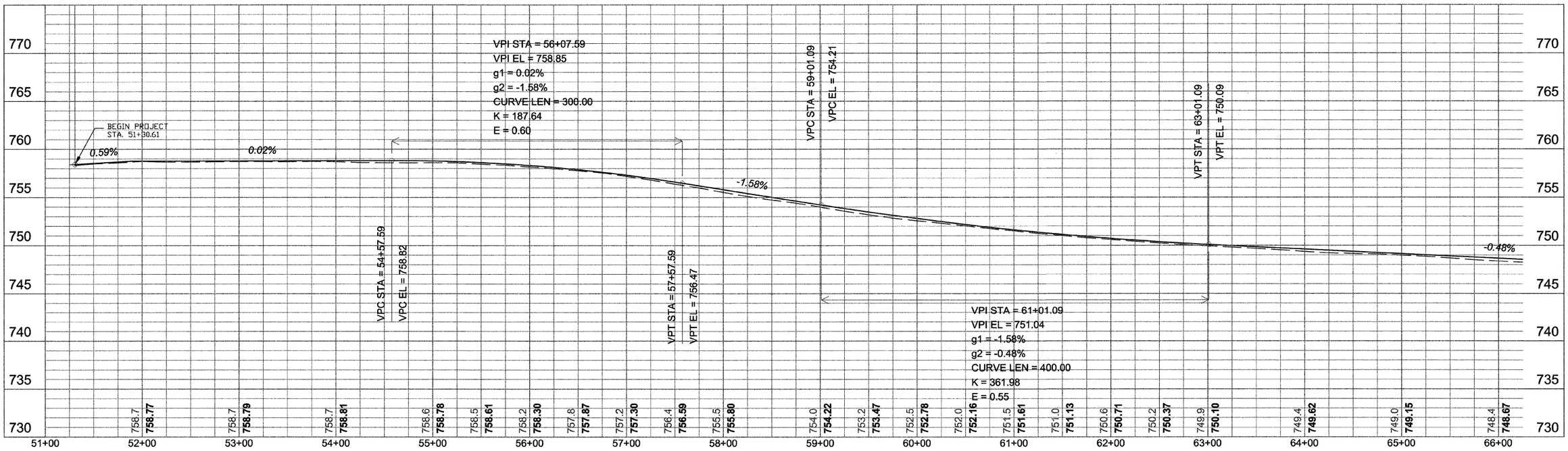
Contract 85516

WINNEBAGO COUNTY ILLINOIS

ROUTE	SECTION	SHEET
8	04-00361-00-PV	10 OF 56

HONONEGAH ROAD



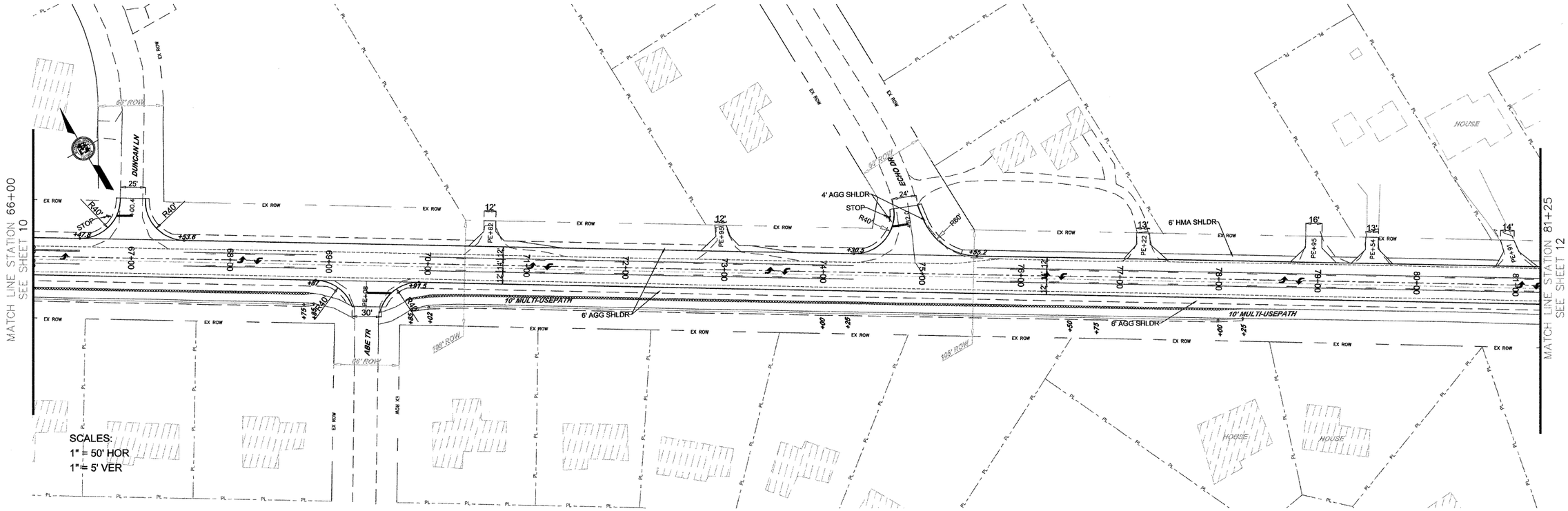


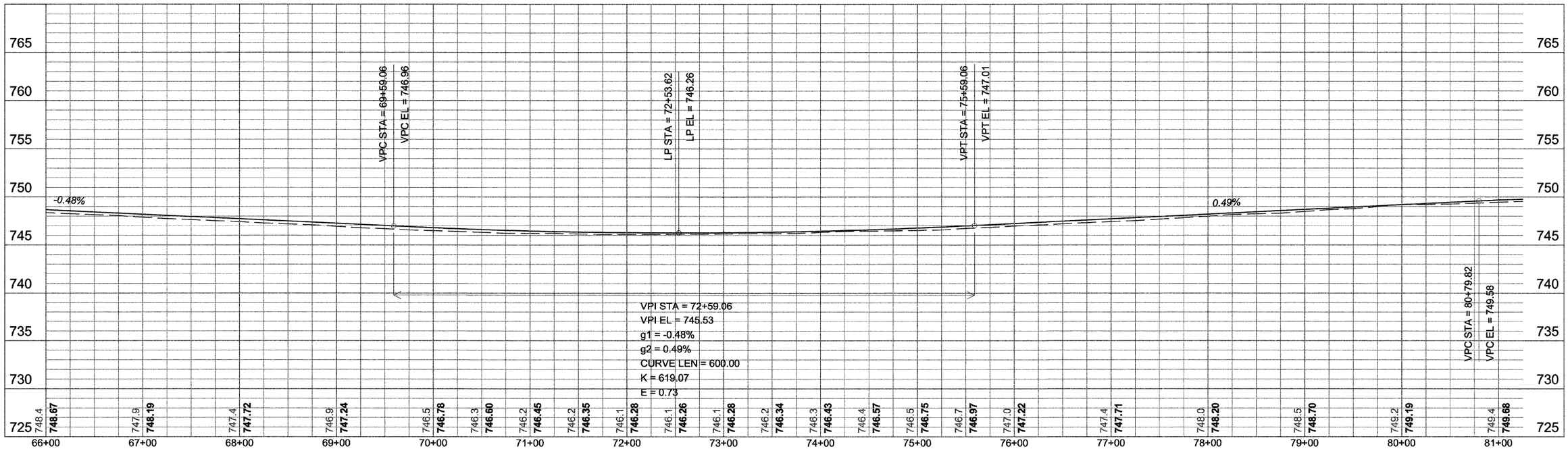
PLAN & PROFILE-HONONEGAH RD

Contract 85516

ROUTE	SECTION	SHEET
8	04-00361-00-PV	11 OF 56

HONONEGAH ROAD

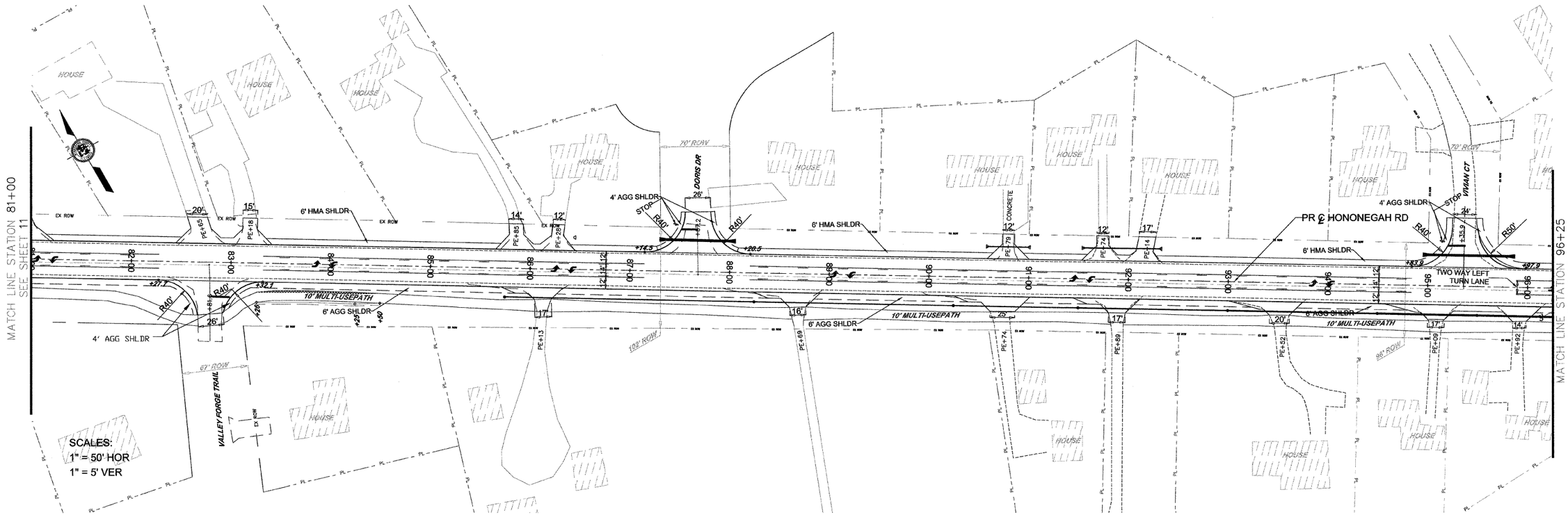


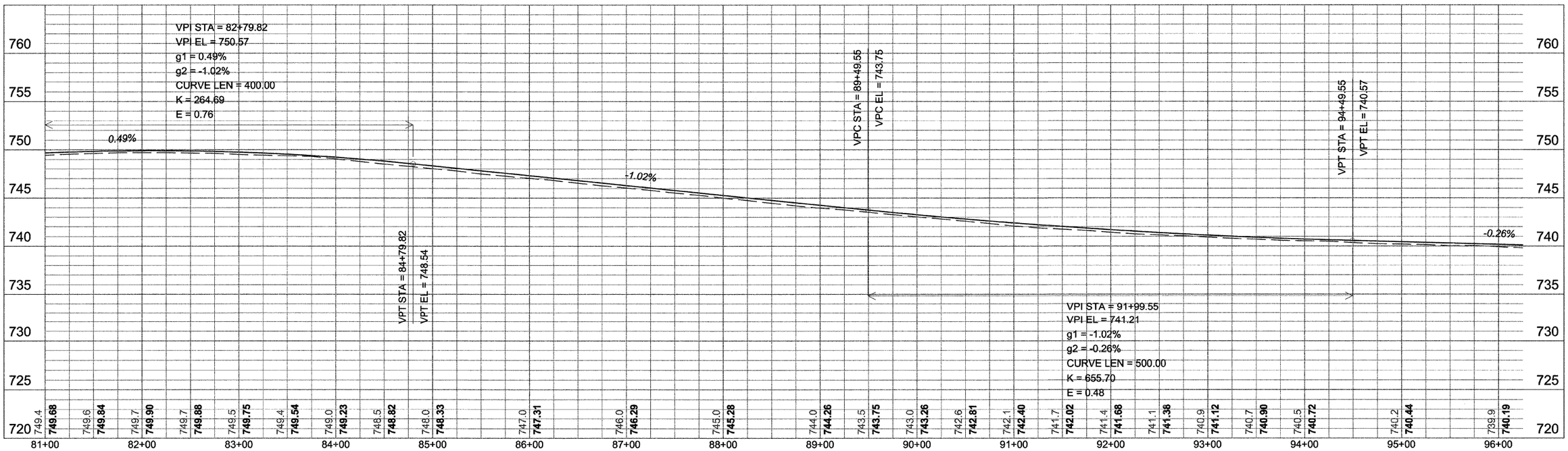


PLAN & PROFILE -HONONEGAH RD

Contract 85516

WINNEBAGO COUNTY ILLINOIS	ROUTE	SECTION	SHEET
	8	04-00361-00-PV	12 OF 56
	HONONEGAH ROAD		





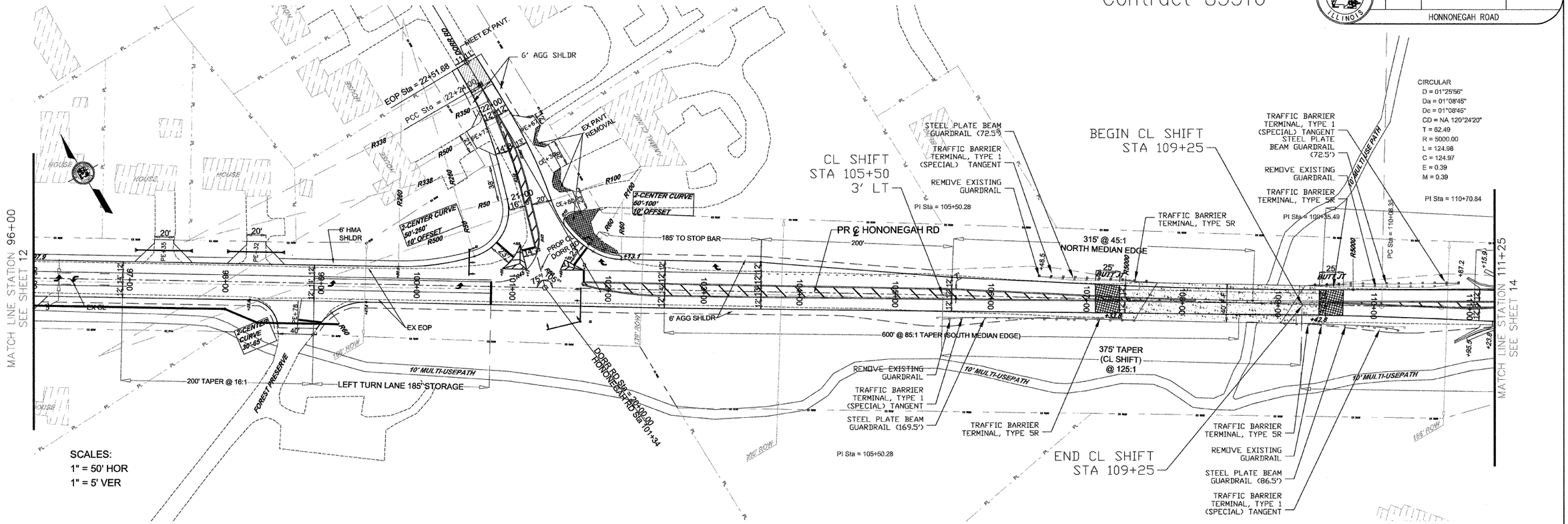
PLAN & PROFILE -HONONEGAH RD

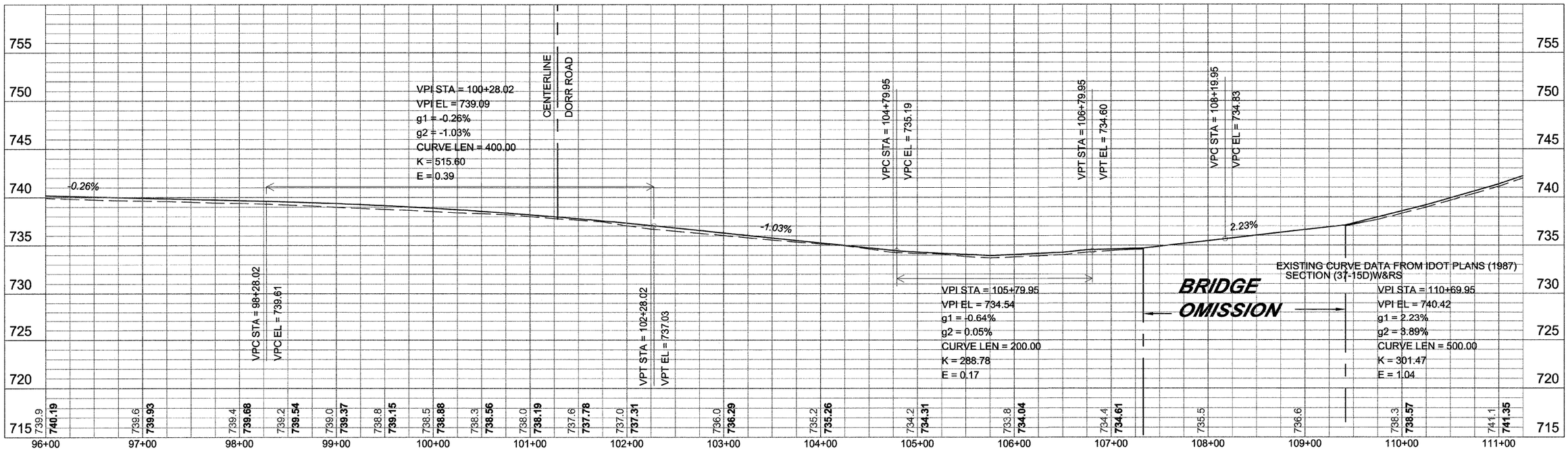
Contract 85516

WINNEBAGO COUNTY ILLINOIS

ROUTE	SECTION	SHEET
8	04-00361-00-PV	13 OF 56

HONNONEGAH ROAD





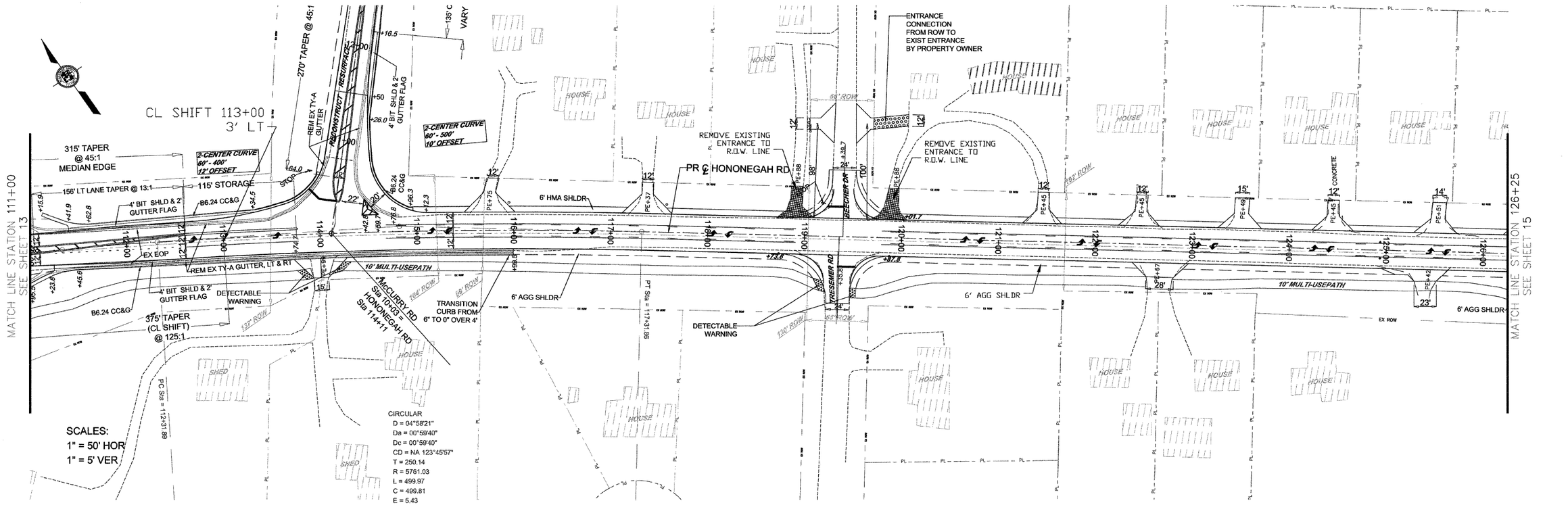
PLAN & PROFILE–HONONEGAH RD

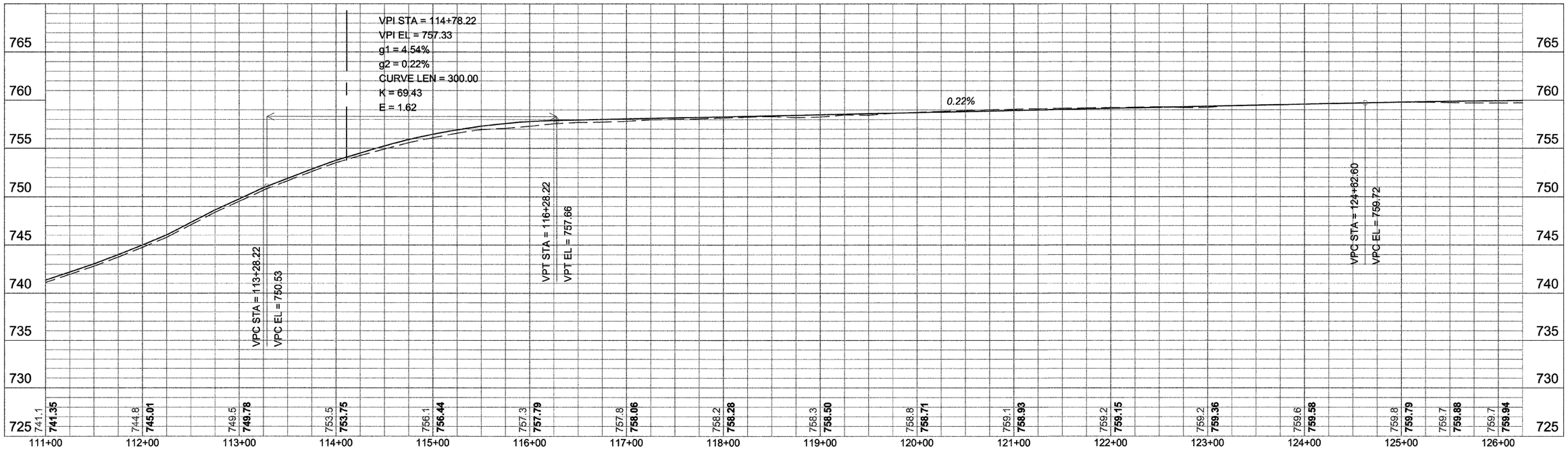
Contract 85516

WINNEBAGO COUNTY ILLINOIS

ROUTE	SECTION	SHEET
8	04-00361-00-PV	14 OF 56

HONONEGAH ROAD

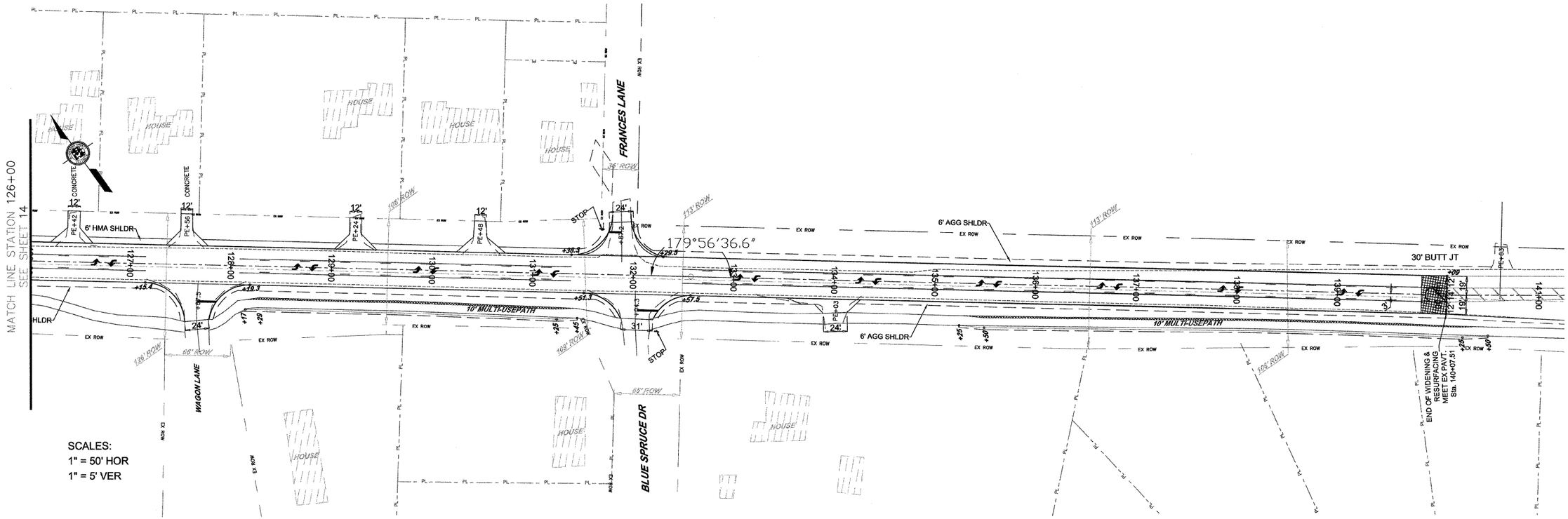


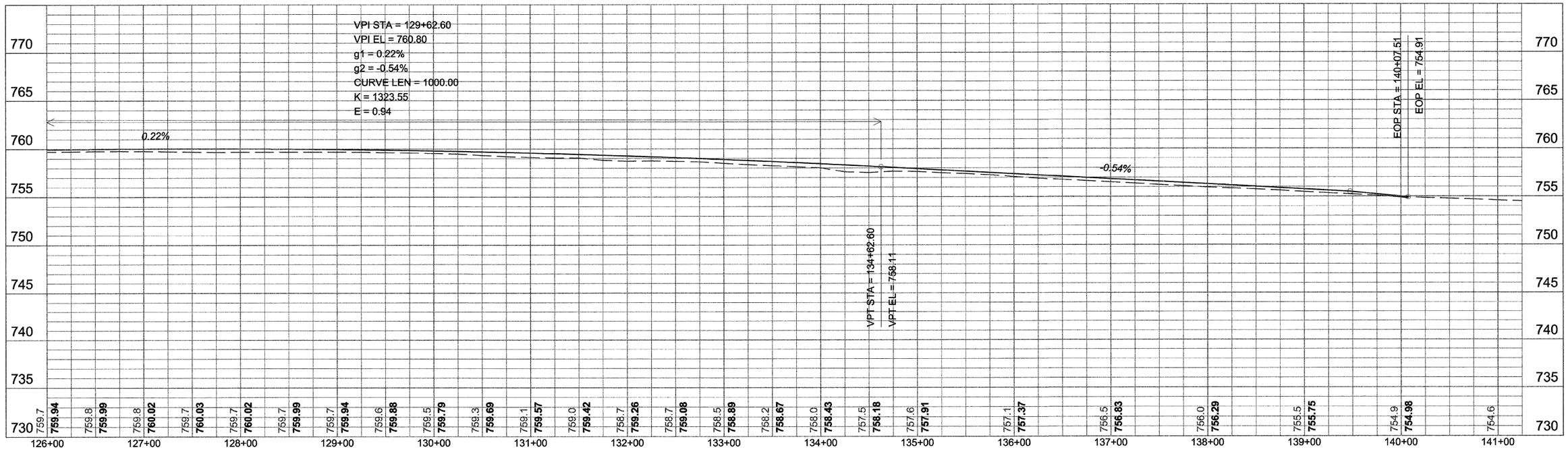


PLAN & PROFILE–HONONEGAH RD

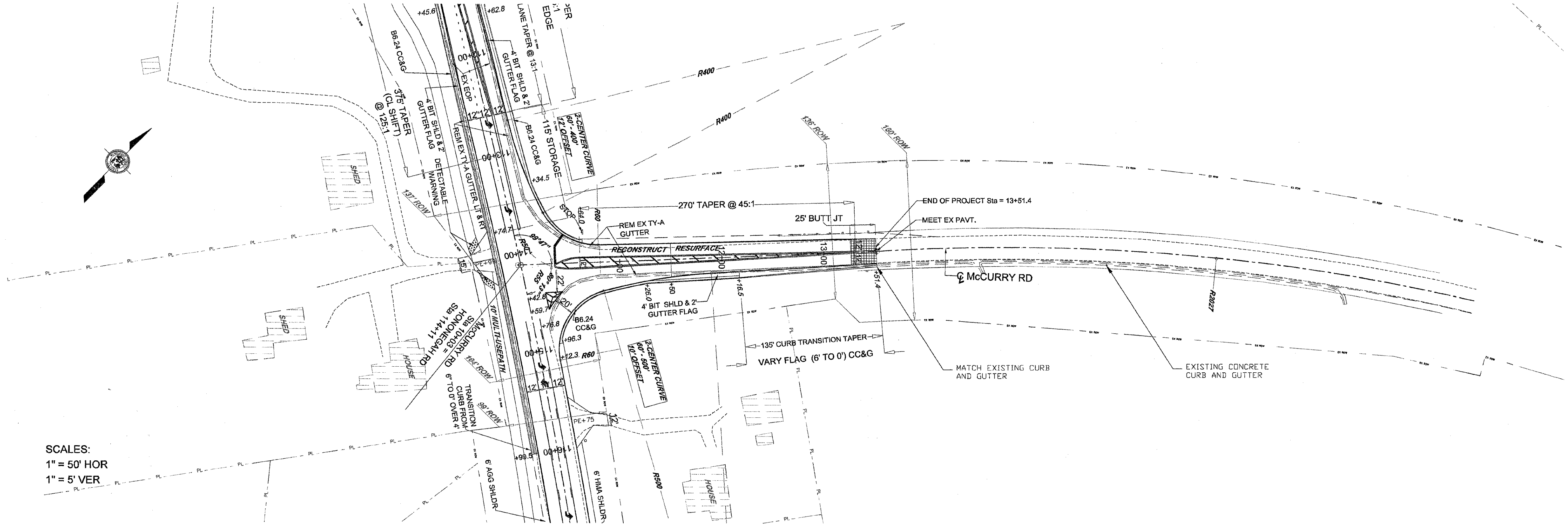
Contract 85516

WINNEBAGO COUNTY ILLINOIS	ROUTE	SECTION	SHEET
	8	04-00361-00-PV	15 OF 56
	HONONEGAH ROAD		

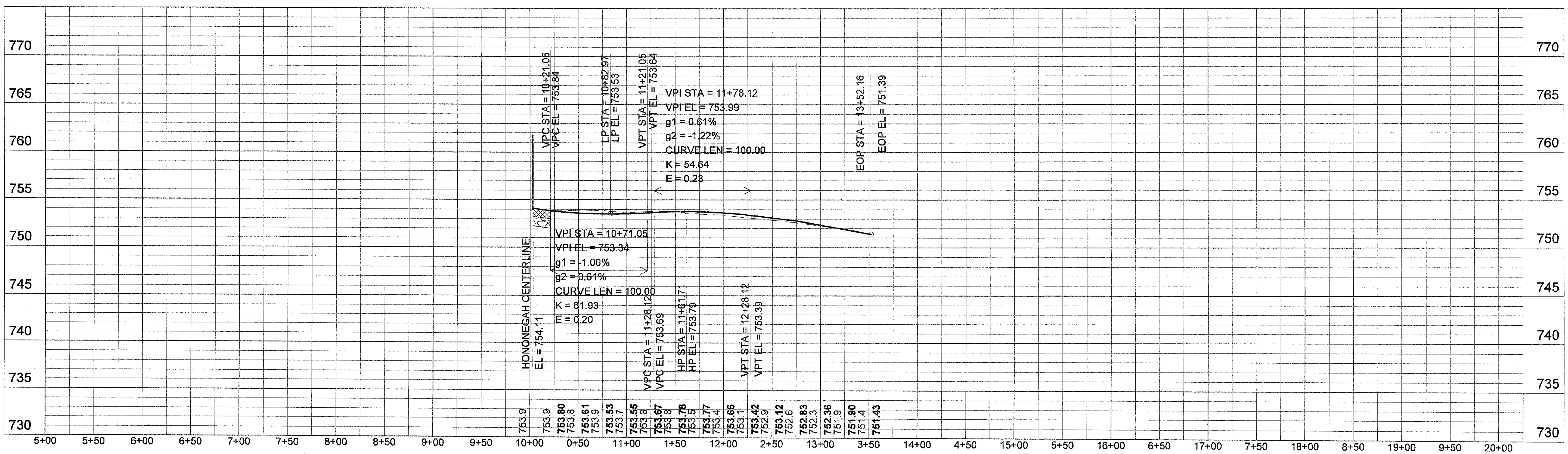




PLAN & PROFILE – HONONEGAH RD



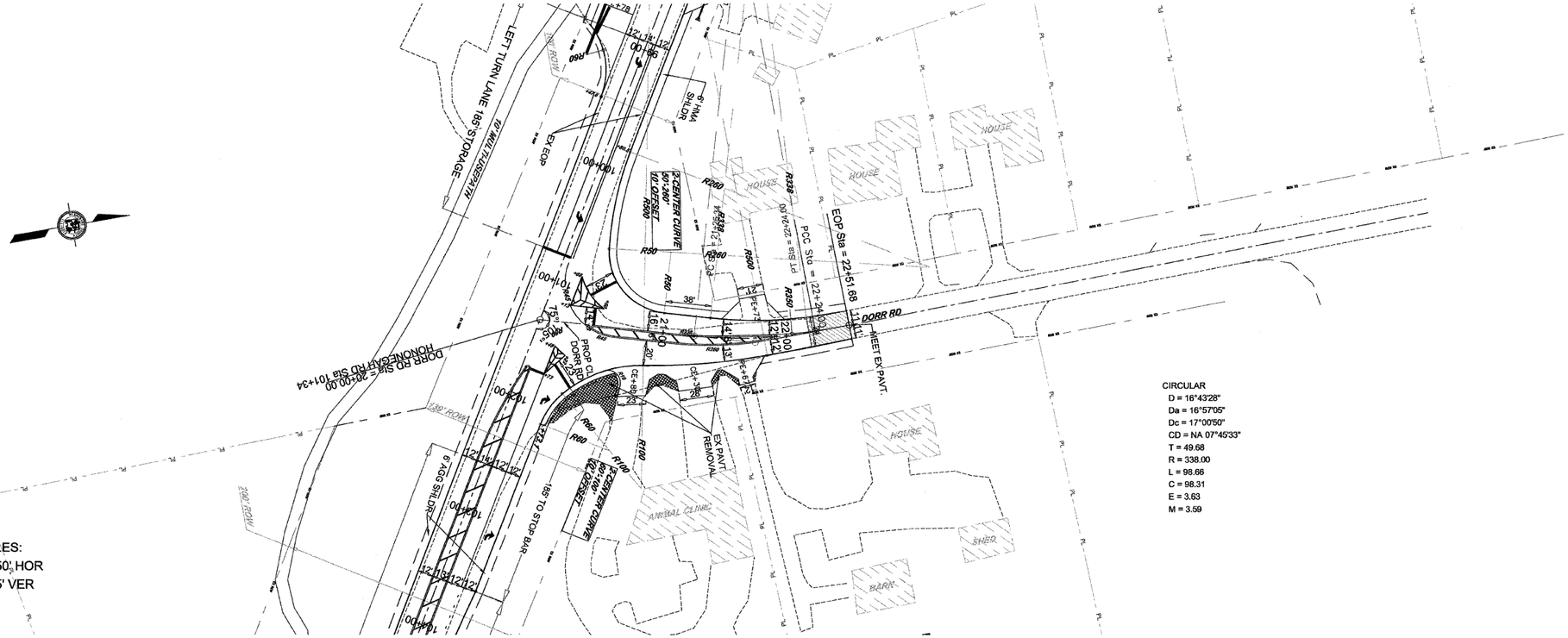
270' TAPER @ 45:1
25' BUTT JT
END OF PROJECT Sta = 13+51.4
MEET EX PAVT.
REM EX TY-A GUTTER
RECONSTRUCT
RESURFACE
℄ McCURRY RD
4' BIT SHLD & 2' GUTTER FLAG
B6.24 CC&G
135' CURB TRANSITION TAPER
VARY FLAG (6' TO 0') CC&G
MATCH EXISTING CURB AND GUTTER
EXISTING CONCRETE CURB AND GUTTER
R400
R500
R2027
115' STORAGE
LANE TAPER @ 13:1
375' TAPER (CL SHIFT) @ 125:1
4' BIT SHLD & 2' GUTTER FLAG
REM EX TY-A GUTTER LT & RT
DETECTABLE WARNING
10' MULTI-USE PATH
℄ McCURRY RD Sta 10+00 = ℄ HONONEGAH RD Sta 114+11
TRANSITION CURB FROM 6" TO 0" OVER 4'
6' AGG SHLDR
6' HMA SHLDR
SHED
HOUSE
SCALES:
1" = 50' HOR
1" = 5' VER



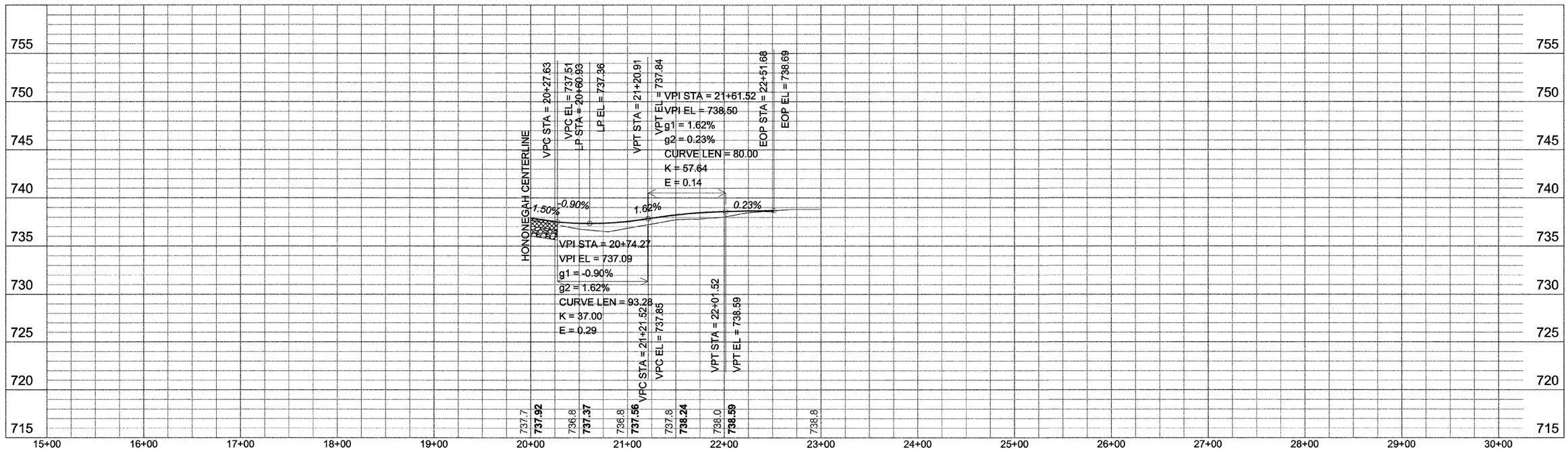
770
765
760
755
750
745
740
735
730
HONONEGAH CENTERLINE EL = 754.11
VPC STA = 10+21.05 VPC EL = 753.84
LP STA = 10+82.97 LP EL = 753.53
VPT STA = 11+21.05 VPT EL = 753.64
VPI STA = 11+78.12
VPI EL = 753.99
g1 = 0.61%
g2 = -1.22%
CURVE LEN = 100.00
K = 54.64
E = 0.23
EOP STA = 13+52.16 EOP EL = 751.39
VPI STA = 10+71.05
VPI EL = 753.34
g1 = -1.00%
g2 = 0.61%
CURVE LEN = 100.00
K = 61.93
E = 0.20
VPC STA = 11+28.12 VPC EL = 753.69
HP STA = 11+61.71 HP EL = 753.79
VPT STA = 12+28.12 VPT EL = 753.39
753.9
753.9
753.80 753.8
753.61 753.9
753.53 753.7
753.55 753.8
753.67 753.8
753.78 753.5
753.77 753.4
753.66 753.1
753.42 752.9
753.12 752.6
752.83 752.3
752.36 751.9
751.90 751.4
751.43
5+00
5+50
6+00
6+50
7+00
7+50
8+00
8+50
9+00
9+50
10+00
0+50
11+00
1+50
12+00
2+50
13+00
3+50
14+00
4+50
15+00
5+50
16+00
6+50
17+00
7+50
18+00
8+50
19+00
9+50
20+00

Contract 85516

WINNEBAGO COUNTY ILLINOIS	ROUTE	SECTION	SHEET
	8	04-00361-00-PV	17 OF 56
	DORR ROAD		



SCALES:
1" = 50' HOR
1" = 5' VER



PLAN & PROFILE-DORR RD

STORM WATER POLLUTION PREVENTION PLAN

THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS INVOLVED WITH A CONSTRUCTION ACTIVITY THAT DISTURBS SITE SOIL OR WHO IMPLEMENT A POLLUTANT CONTROL MEASURE IDENTIFIED IN THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) MUST COMPLY WITH THE FOLLOWING REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEMS (NPDES) GENERAL PERMIT:

A. SUBMITTAL OF A COMPLETED NOTICE OF INTENT (NOI) IS MANDATORY FOR THE PROJECT. A COMPLETED NOI MUST BE SUBMITTED TO THE IEPA AT LEAST 30 DAYS PRIOR TO THE DATE ON WHICH A LAND DISTURBING ACTIVITY IS TO COMMENCE.
B. A COPY OF THE NOI AND A DESCRIPTION OF THE PROJECT MUST BE POSTED IN A PROMINENT PLACE FOR PUBLIC VIEWING AT THE CONSTRUCTION SITE.
C. COMPLETE COPY OF THE SWPPP, INCLUDING COPIES OF INSPECTION REPORTS, PLAN REVISIONS, ETC, MUST BE MAINTAINED AT THE PROJECT SITE DURING WORKING HOURS AND KEPT IN THE PERMANENT PROJECT RECORDS FOR AT LEAST SIX YEARS FOLLOWING SUBMISSION OF THE NOTICE OF TERMINATION (NOT).
D. THE GENERAL CONTRACTOR MUST PROVIDE NAMES AND ADDRESSES OF ALL SUBCONTRACTORS WORKING ON THIS PROJECT WHO WILL BE INVOLVED WITH THE MAJOR CONSTRUCTION ACTIVITIES. THIS INFORMATION IS TO BE KEPT WITH THE SWPPP.
E. REGULAR INSPECTION MUST BE MADE TO DETERMINE THE EFFECTIVENESS OF THE SWPPP. THE INSPECTOR MUST BE A PERSON FAMILIAR WITH THE SITE, THE NATURE OF THE MAJOR CONSTRUCTION ACTIVITIES, AND QUALIFIED TO EVALUATE BOTH OVERALL SYSTEM PERFORMANCE AND INDIVIDUAL COMPONENT PERFORMANCE. THE INSPECTOR MUST BE EMPOWERED TO IMPLEMENT MODIFICATIONS TO THE SWPPP, IF NEEDED.
F. THE SWPPP MUST BE UPDATED EACH TIME THERE ARE SIGNIFICANT MODIFICATIONS TO THE POLLUTION PREVENTION SYSTEM OR A CHANGE OF CONTRACTORS WORKING ON THE PROJECT WHO DISTURBS THE SOIL.
G. DISCHARGE OF OIL AND OTHER HAZARDOUS SUBSTANCES INTO THE STORM WATER IS SUBJECT TO REPORTING AND CLEANUP REQUIREMENTS.
H. ONCE THE SITE REACHES FINAL STABILIZATION, THE GENERAL CONTRACTOR MUST FILE A NOTICE OF TERMINATION (NOT).
I. THE SWPPP INTENDS TO CONTROL WATER-BORNE AND LIQUID POLLUTANT DISCHARGES BY THE COMBINATION OF INTERCEPTION, INFILTRATION, AND CONTAINMENT. THE GENERAL CONTRACTOR AND SUBCONTRACTORS IMPLEMENTING THE SWPPP MUST REMAIN ALERT TO THE NEED TO PERIODICALLY REFINE AND UPDATE THE SWPPP IN ORDER TO ACCOMPLISH THE INTENDED GOALS.
J. THE SWPPP MUST BE AMENDED AS NECESSARY DURING THE COURSE OF CONSTRUCTION TO KEEP IT CURRENT WITH THE POLLUTANT MEASURES UTLIZED AT THE SITE.
K. A RECORD OF DATES WHEN MAJOR ACTIVITIES OCCUR, WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE, AND WHEN STABILIZATION MEASURES ARE INITIATED MUST BE MAINTAINED UNTIL THE NOT IS FILED.

FORM BDE 2342 (STORM WATER POLLUTION PREVENTION PLAN) IS INCLUDED WITH THE SPECIAL PROVISIONS. THIS FORM, IN CONJUNCTION WITH THE EROSION CONTROL AND DRAINAGE PLANS AND NOTES INCLUDED HEREIN WILL SERVE AS THE SWPPP FOR THIS PROJECT. THE CONTRACTOR WILL SUPPLY APPLICABLE FORMS, CERTIFICATION STATEMENTS, AND SUPPORTING DATA REQUIRED FOR THE SWPPP TO THE ENGINEER CONCURRENTLY WITH THE CONTRACTOR'S SUBMISSION TO THE IEPA FOR THE NOI.

THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE NOI AND ASSEMBLING ALL NECESSARY FEES AND INFORMATION FOR THE PERMIT APPLICATION, INCLUDING DRAFTING AN EROSION CONTROL PLAN TO BE APPROVED BY THE ENGINEER PRIOR TO SUBMITTAL IF DIFFERENT THAN THE STORM WATER POLLUTION PREVENTION PLAN AND THE FOLLOWING NOTES AND EROSION CONTROL PLANS.

THE CONTRACTOR WILL INSPECT THE PROJECT DAILY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER RAINS OF ½ INCH OR GREATER OR EQUIVALENT SNOWFALL AND DURING THE WINTER SHUTDOWN PERIOD. INSPECTION REPORTS SHALL BE FILED AS DESCRIBED IN THE SWPPP. A COPY OF CURRENT INSPECTION REPORTS WILL BE PROVIDED TO THE ENGINEER ON A WEEKLY BASIS AND AFTER EACH EVENT REQUIRING A REPORT.

TEMPORARY EROSION CONTROL

TEMPORARY EROSION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 280 OF THE IDOT STANDARD SPECIFICATIONS. TEMPORARY EROSION CONTROL MEASURES INCLUDE TEMPORARY DITCH CHECKS, PERIMETER EROSION BARRIER, INLET AND PIPE PROTECTION, TEMPORARY SEEDING, AND ANY OTHER TEMPORARY EROSION CONTROL MEASURE NEEDED TO LIMIT THE AMOUNT OF SOIL EROSION AND SEDIMENTATION DURING CONSTRUCTION. TEMPORARY EROSION CONTROL MEASURES SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT UNLESS OTHERWISE NOTED.

ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER. MAINTENANCE AND CLEANING OF THE EROSION CONTROL ITEMS SHALL BE INCLUDED IN THE RESPECTIVE EROSION CONTROL PAY ITEM.

ALL EROSION CONTROL ITEMS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

TEMPORARY DITCH CHECKS SHALL BE LOCATED AT EVERY 1-1/2 FEET FALL IN DITCH GRADE OR EVERY 100' – WHICHEVER OCCURS FIRST.

STRAW BALES AND HAY BALES WILL NOT BE PERMITTED FOR DITCH CHECKS. DITCH CHECKS CAN BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, URETHANE FOAM/GEOTEXTILE (SILT WEDGES), AND OR ANY OTHER MATERIAL APPROVED BY THE ENGINEER.

TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRE.

SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS AND AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE CONSIDERED INCIDENTAL TO THE RESPECTIVE EROSION CONTROL ITEM.

THE EROSION CONTROL SYSTEM SHALL BE MAINTAINED THROUGHOUT THE COURSE OF THE PROJECT. AFTER EACH SIGNIFICANT RAINFALL EVENT, THE CONTRACTOR SHALL CHECK THE CONDITION OF THE EROSION CONTROL SYSTEM AND CORRECT DEFICIENCIES. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO CORRECTING IMPROPER INSTALLATION AND REPAIRING OF THE EROSION CONTROL SYSTEM, REMOVAL OF TRAPPED SEDIMENT, AND CLEANING OF SILT FILTER FENCE AND ALL ROADWAY AND AND DRIVEWAY CULVERTS. THE COST OF MAINTAINING THE EROSION CONTROL SYSTEM SHALL BE INCLUDED IN THE PAY ITEM PRICE FOR EROSION CONTROL AND WILL NOT BE PAID FOR.

TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS ARE SEEDED AND ESTABLISHED.

ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED AND DISTURBED AREAS RESEEDED.

THE CONTRACTOR SHALL INSTALL PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A TIME FRAME SPECIFIED HEREIN AND AS DIRECTED BY THE ENGINEER, THEREFORE MINIMIZING THE AMOUNT OF AREA SUSCEPTIBLE TO EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE ENGINEER WILL DETERMINE IF ANY TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS, WHICH ARE NOT INCLUDED IN THIS PLAN, SHALL BE ADDED.

EROSION CONTROL ITEMS TO BE REMOVED FROM THE SITE AND BECOME PROPERTY OF THE CONTRACTOR.

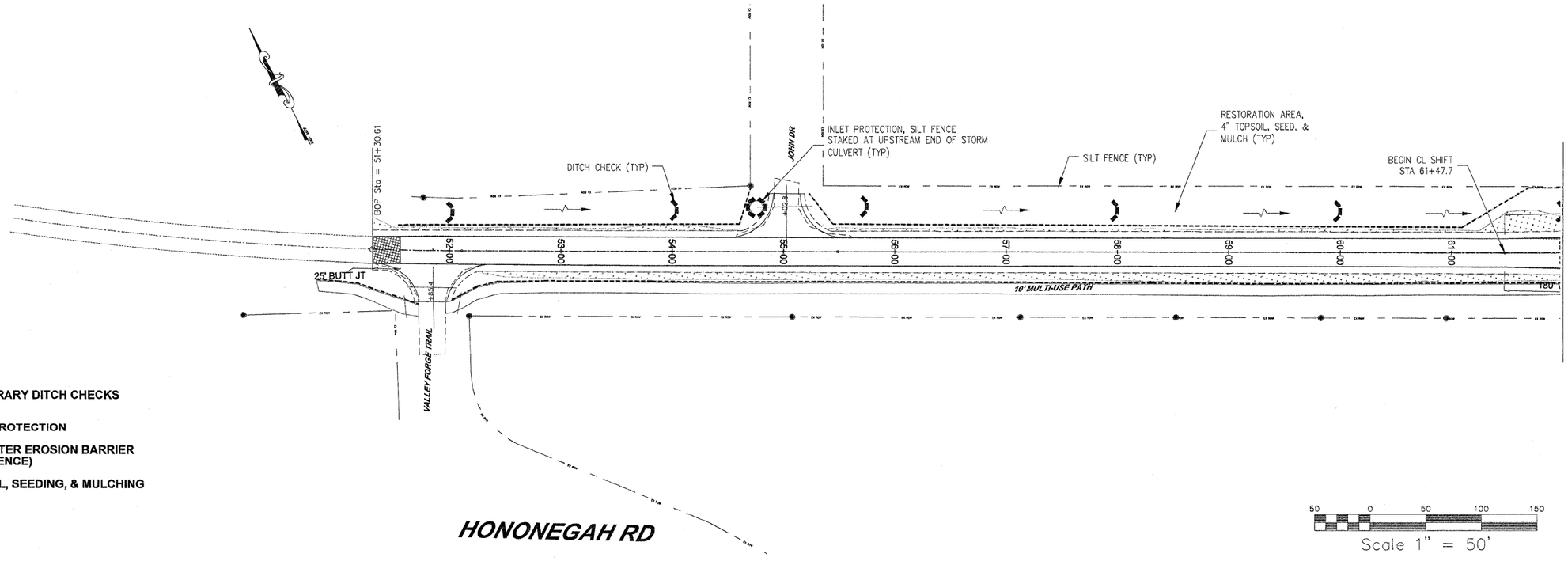
SEEDING OF DISTURBED AREAS

DISTURBED AREAS ARE LOCATIONS WHERE THE CONTRACTOR'S OPERATIONS HAVE DAMAGED EXISTING GROUND COVER AND/OR TOPSOIL OUTSIDE OF THE LIMITS OF TOPSOIL PLACEMENT.

THE FINAL 4" OF ANY DISTURBED AREA MUST BE A COHESIVE SOIL CAPABLE OF SUPPORTING VEGETATION. FERTILIZER HAVING AN ANALYSIS OF 10-10-10 SHALL BE APPLIED AT A RATE OF 100LBS/ACRE TO DISTURBED AREAS AND INCORPORATED INTO THE SEEDBED PRIOR TO SOWING THE SEED AND SHALL BE CONSIDERED INCIDENTAL TO THE SEEDING.

THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS WITH SEEDING, CLASS 2A, IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATION OR AS APPROVED BY THE ENGINEER.

SEEDING OF DISTURBED AREAS IS INCIDENTAL TO EROSION CONTROL AND NO ADDITIONAL COMPENSATION IS ALLOWED.



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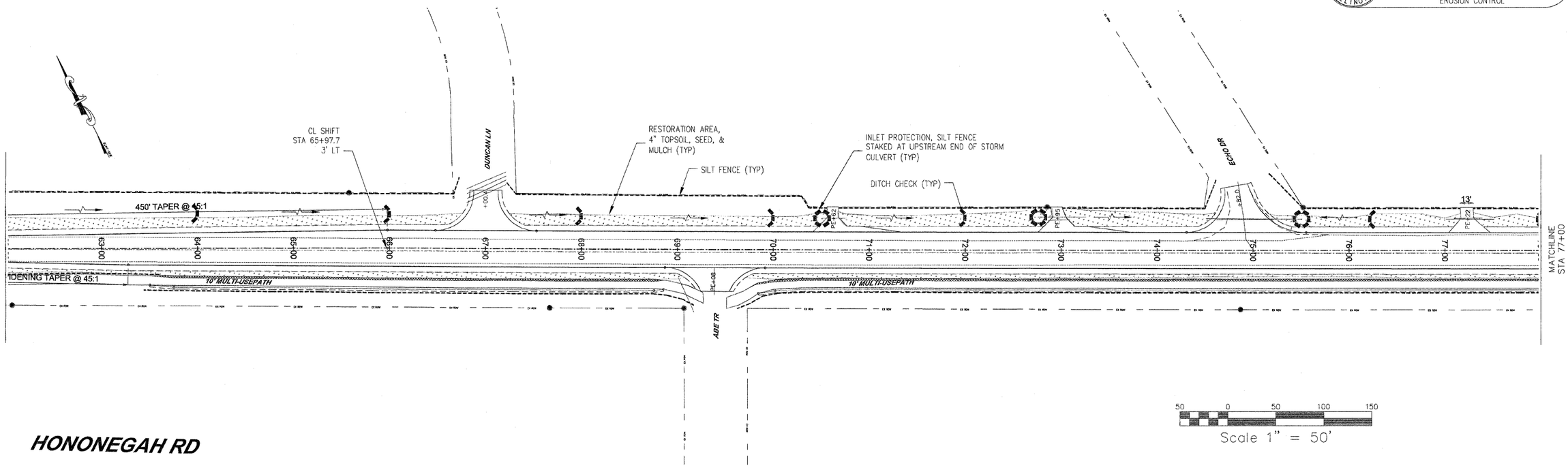
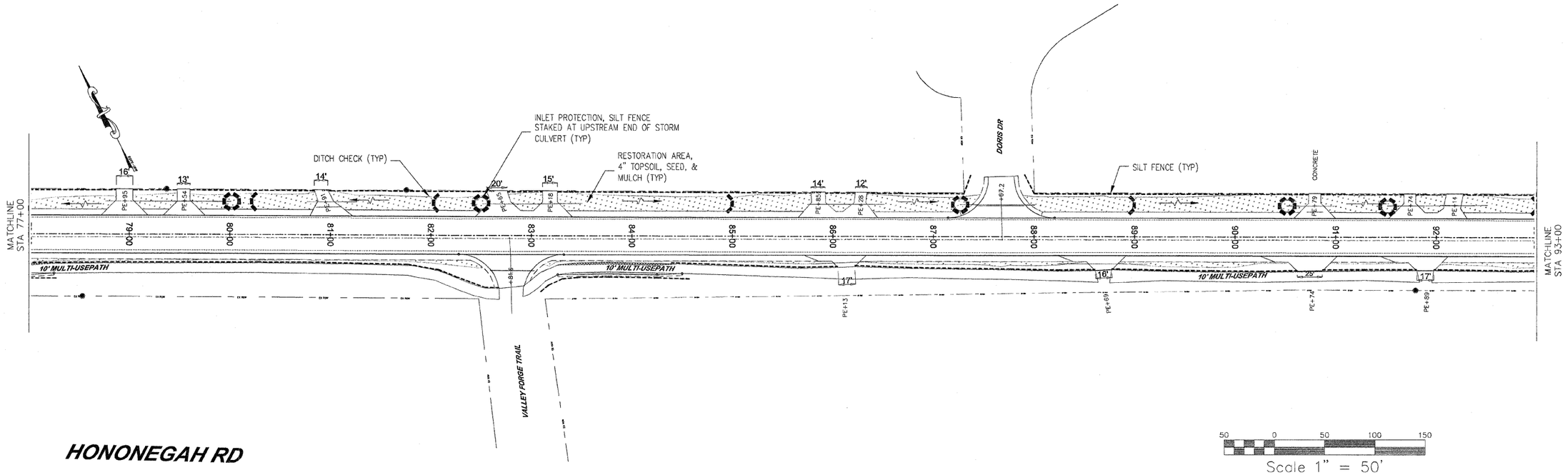
	8	04-00361-00-PV	19 OF 56
	EROSION CONTROL		



HONONEGAH RD

50 0 50 100 150

Scale 1" = 50'

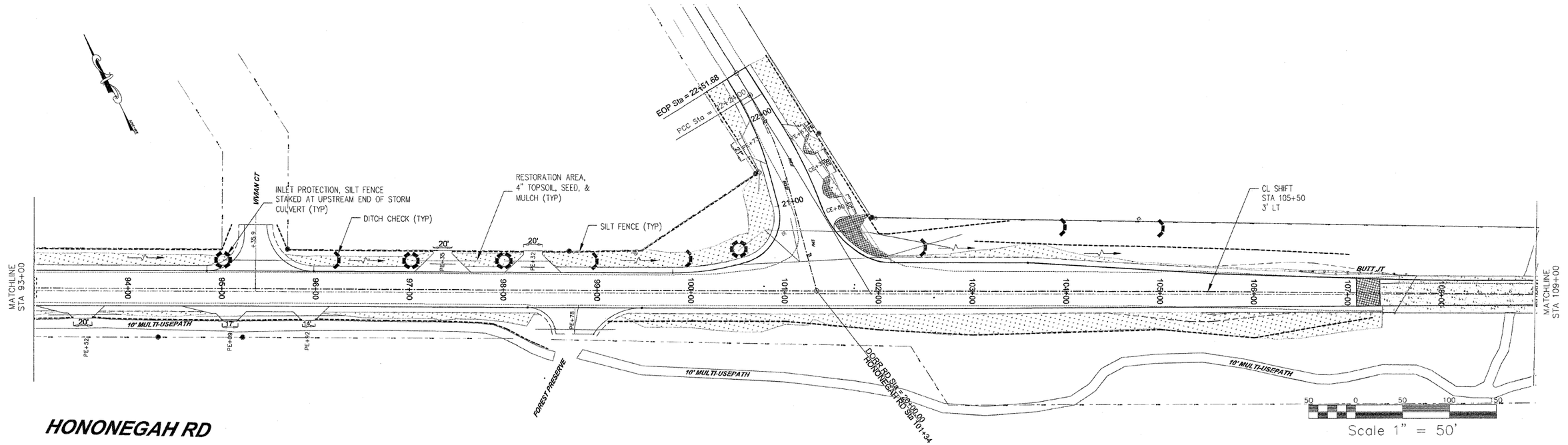


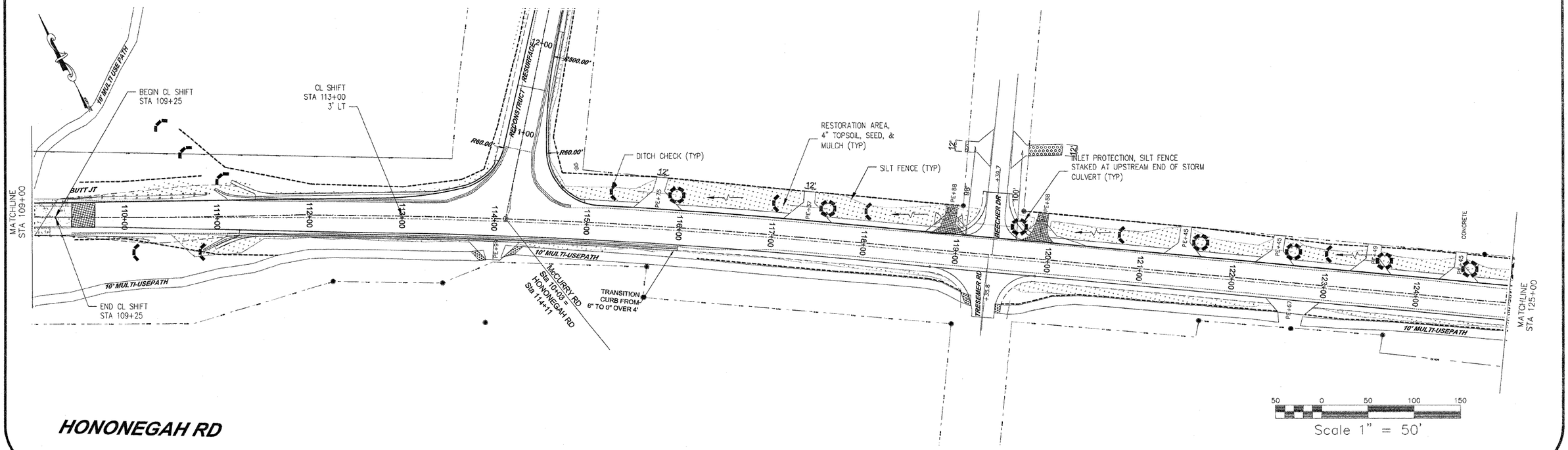
HONONEGAH RD

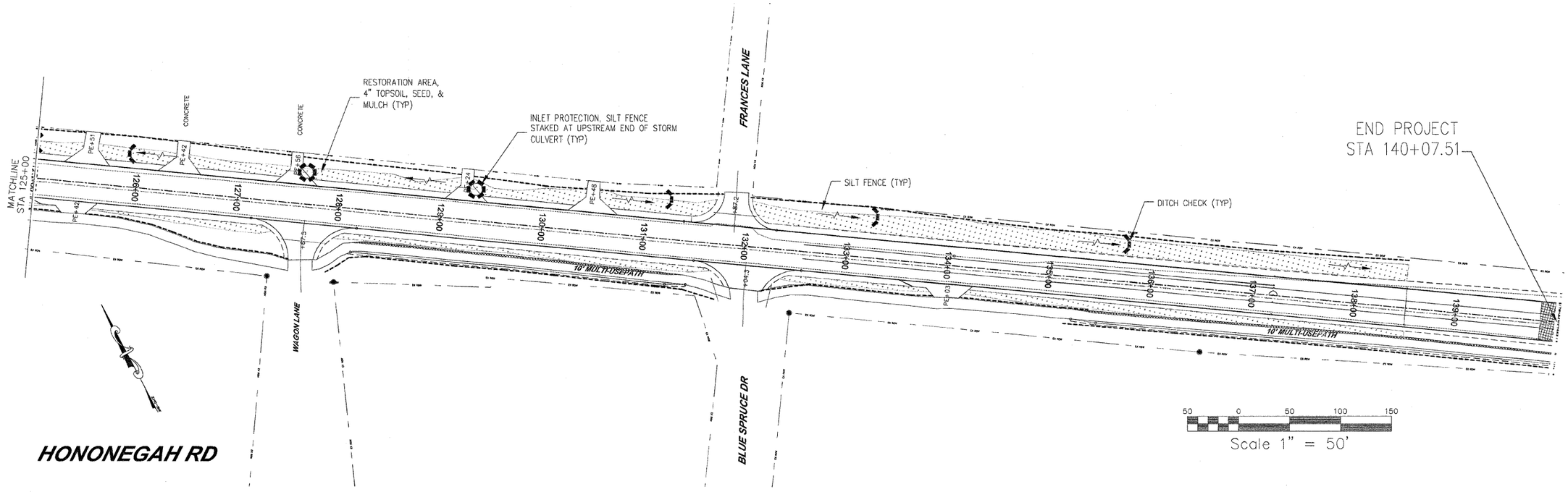
50 0 50 100 150

Scale 1" = 50'

EROSION CONTROL


EOP Sta = 22451.68
PCC Sta = 22424.00
VIVIAN CT
INLET PROTECTION, SILT FENCE STAKED AT UPSTREAM END OF STORM CULVERT (TYP)
DITCH CHECK (TYP)
RESTORATION AREA, 4" TOPSOIL, SEED, & MULCH (TYP)
SILT FENCE (TYP)
CL SHIFT STA 105+50 3' LT
BUTT JT
MATCHLINE STA 93+00
MATCHLINE STA 109+00
10' MULTI-USEPATH
FOREST PRESERVE
DOBR RD Sta = 20+00.00 HONONEGAH RD Sta 101+34
HONONEGAH RD
Scale 1" = 50'


10' MULTI USE PATH
BEGIN CL SHIFT STA 109+25
CL SHIFT STA 113+00 3' LT
RECONSTRUCT ROADWAY
R500.00'
R60.00'
DITCH CHECK (TYP)
RESTORATION AREA, 4" TOPSOIL, SEED, & MULCH (TYP)
SILT FENCE (TYP)
INLET PROTECTION, SILT FENCE STAKED AT UPSTREAM END OF STORM CULVERT (TYP)
BEECHER DR
THESSNER RD
CONCRETE
BUTT JT
END CL SHIFT STA 109+25
MCCURRY RD Sta 10+00 = HONONEGAH RD Sta 114+11
TRANSITION CURB FROM 6" TO 0" OVER 4'
MATCHLINE STA 109+00
MATCHLINE STA 125+00
10' MULTI-USEPATH
HONONEGAH RD
Scale 1" = 50'


MATCHLINE
STA 125+00
CONCRETE
CONCRETE
RESTORATION AREA,
4" TOPSOIL, SEED, &
MULCH (TYP)
INLET PROTECTION, SILT FENCE
STAKED AT UPSTREAM END OF STORM
CULVERT (TYP)
FRANCES LANE
SILT FENCE (TYP)
DITCH CHECK (TYP)
END PROJECT
STA 140+07.51
10' MULTI-USE PATH
WAGON LANE
BLUE SPRUCE DR
HONONEGAH RD
50 0 50 100 150
Scale 1" = 50'

GENERAL NOTES

GENERAL NOTES AND CONDITIONS

The scale shown on the drawings applies only to the full size plans and not reduced size plans.

The Contractor shall field verify the elevations of the benchmarks prior to commencing work. The Contractor shall also field verify location, elevation and size of existing work. The contractor shall field verify horizontal control by referencing shown coordinates to known property lines. Notify the Engineer of discrepancies in either vertical or horizontal control prior to proceeding with work.

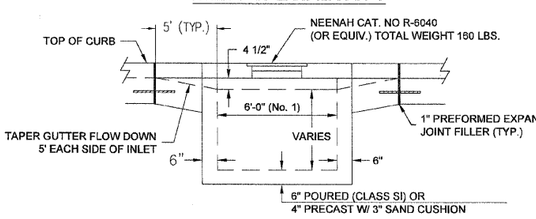
UTILITIES

Exact horizontal and vertical locations of existing utilities shall be determined by the Contractor at no additional cost to the contract. Locations and depths shown on these plans are only schematic representation.

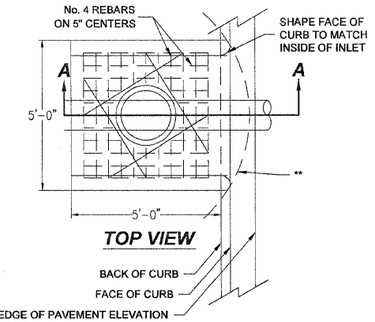
Abandoned underground utilities that conflict with construction or have the potential for creating future problems shall be disposed of outside the limits of the right-of-way according to Article 202.03 of the standard specifications and as directed by the Engineer. This work will not be paid for separately but shall be considered incidental no additional compensation will be allowed.

The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.31 of the Standard Specifications. The phone number for J.U.L.I.E. is 800-892-0123. The utilities located within the project limits or immediately adjacent to the project construction limits are members of J.U.L.I.E.

INLET SPECIAL NO. 1

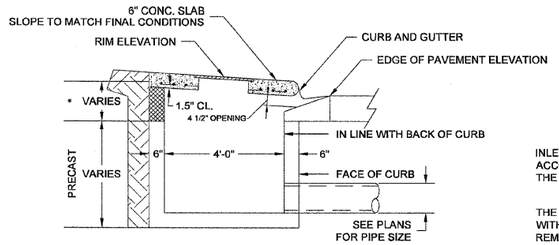


TYPICAL FRONT VIEW



TOP VIEW

** - WHEN INLET IS TO BE CONSTRUCTED IN RETURN, THE TOP OF THE SLAB SHALL CONFORM TO THE RADIUS OF THE RETURN.



* - THE WALL ADJUSTMENT SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.

THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 6" SHORT TO ALLOW FOR FIELD ADJUSTMENTS.

SECTION A-A

INLET, SPECIAL (No. 1 OR No. 2) SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS, THE SUPPLEMENTAL SPECIFICATIONS AND THIS DRAWING.

THE LOWER PORTION OF THE INLET (2'-9") SHALL BE CONSTRUCTED WITH PRECAST CONCRETE WITH BLOCK OUTS FOR PIPES AND THE REMAINDER MAY BE CONCRETE MASONRY. CONCRETE MASONRY UNITS ARE TO BE LAID IN FULL MORTAR BEDS WITH FLUSH JOINTS.

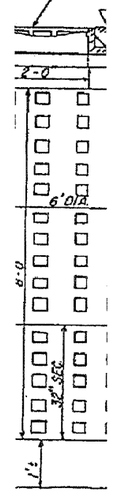
THIS ITEM SHALL BE BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH INLET, SPECIAL (No. 1 OR No. 2) WHICH PRICE SHALL INCLUDE THE COST OF FRAME AND LID, REINFORCEMENT BARS AND ALL OTHER MATERIALS.

CONTRACTOR TO VERIFY PRECAST HEIGHT PRIOR TO ORDERING MATERIALS.

INLET SPECIAL NO. 1

SEE SPECIAL PROVISIONS
(TYPE 1 FRAME & GRATE)

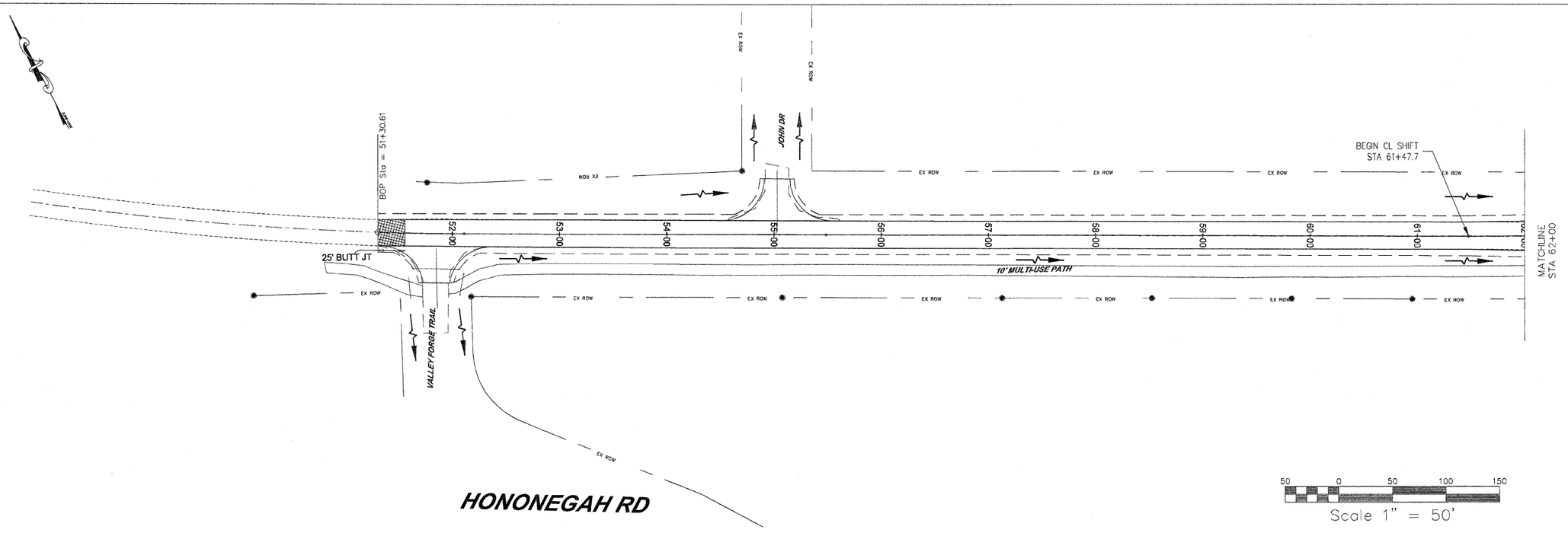
FLAT SLAB TOP PER IDOT
STANDARD 602406



Place Su
#4NP Fab
Barrier
Prevent
Migratio
Fines (A
Sides, T
Bottom).

ECTION

T COI
RYWEL



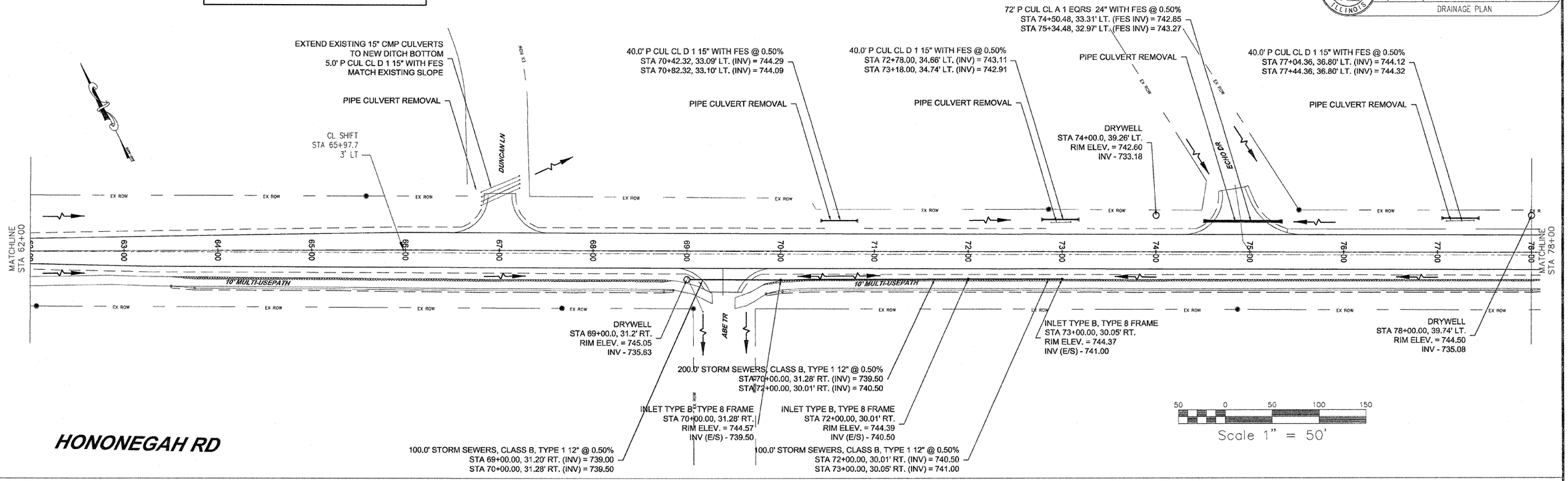
50 0 50 100 150

Scale 1" = 50'

NOTE: ENGINEER SHALL DETERMINE IN THE FIELD THE PIPE CULVERT REMOVAL AND EXTENSION LIMITS AT DUNCAN LANE.

Contract 85516

WINNEBAGO COUNTY ILLINOIS	ROUTE	SECTION	SHEET
	8	04-00361-00-PV	23 OF 56
		DRAINAGE PLAN	



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WINNEBAGO COUNTY ILLINOIS

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DRAINAGE PLAN

NOTE: CONTRACTOR SHALL FIELD VERIFY EXISTING CULVERT SIZES AND ELEVATIONS BEFORE ORDERING PRECAST CONCRETE MATERIALS.

(SS1) INLET TYPE B, TYPE 8 FRAME
STA 95+50.00, 29.81' RT.
RIM ELEV. = 738.70
INV (E/S) - 734.93
INV (W/S) - 734.93

(SS2) INLET TYPE B, TYPE 8 FRAME
STA 98+00.00, 33.14' RT.
RIM ELEV. = 737.25
INV (E/S) - 734.30
INV (W/S) - 734.30

(SS3) INLET TYPE B, TYPE 8 FRAME
STA 98+34.37, 42.77' RT.
RIM ELEV. = 737.21
INV (E/S) - 734.21
INV (W/S) - 734.21

60.0' P CUL CL D 1 15" WITH FES @ 0.30%
STA 98+01.46, 31.45' LT. (INV) = 737.17
STA 98+61.46, 31.51' LT. (INV) = 736.99

48.0' P CUL CL A 1 15" WITH FES @ 0.81%
STA 21+39.70, 18.39' LT. (INV) = 734.86
STA 21+96.66, 28.16' LT. (FES INV) = 735.30

PIPE CULVERT REMOVAL

37.0' STORM SEWERS, CLASS B, TYPE 1 24" @ 0.25%
STA 98+00.00, 29.00' RT. (INV) = 734.21
STA 98+34.37, 42.77' RT. (INV) = 734.30

104.0' P CUL CL A 1 EQRS 24" WITH FES @ 1.00%
STA 100+77.52, 61.19' LT. (FES INV) = 734.00
STA 101+87.52, 61.19' LT. (INV) = 732.90

80.0' P CUL CL A 1 EQRS 24" WITH FES @ 0.26%
STA 94+94.85, 31.14' LT. (FES INV) = 738.03
STA 95+86.85, 31.20' LT. (FES INV) = 737.78

60.0' P CUL CL D 1 15" WITH FES @ 0.30%
STA 97+05.11, 31.27' LT. (INV) = 737.46
STA 97+65.11, 31.38' LT. (INV) = 737.28

MAN TA 4 DIA
TYPE 1 FRAME & GRATE
CLOSED LID
STA 21+38.18, 17.99' LT.
INV (N/S) - 734.86
INV (S/S) - 734.86

TEOP Sta = 22+51.78
PCC Sta = 22+94.00

SAVE EXISTING STORM SEWER

MAN TA 6 DIA TYPE 1 FRAME & GRATE CLOSED LID
TO BE CONSTRUCTED ON EXISTING PIPE
STA 101+90.02, 61.19' LT.
INV (W/S) - 732.90
INV (N/S) - xxx.xx (FIELD VERIFY)
INV (E/S) - 731.97

16.0' P CUL CL A 1 15" WITH FES @ 0.50%
STA 21+17.18, 28.79' LT. (FES INV) = 734.75
STA 21+36.77, 18.69' LT. (INV) = 734.86

88.0' P CUL CL A 1 EQRS 24" WITH FES @ 0.50%
STA 101+92.52, 61.19' LT. (INV) = 731.97 (FIELD VERIFY)
STA 102+86.52, 61.19' LT. (FES INV) = 731.50

CL SHIFT
STA 105+50
3' LT

HONONEGAH RD

MATCHLINE
STA 93+00

MATCHLINE
STA 109+00

WMAN CT

10' MULTI-USEPATH

PIPE CULVERT REMOVAL

100.0' STORM SEWERS, CLASS B, TYPE 1 24" @ 0.25%
STA 94+50.00, 29.00' RT. (INV) = 735.18
STA 95+50.00, 29.00' RT. (INV) = 734.93

INLET TYPE B, TYPE 8 FRAME
STA 94+50.00, 29.00' RT.
RIM ELEV. = 739.13
INV (E/S) - 735.18
INV (W/S) - 735.18

INLET TYPE B, TYPE 8 FRAME
STA 93+00.00, 29.00' RT.
RIM ELEV. = 739.75
INV (E/S) - 735.55
INV (W/S) - 735.55

150.0' STORM SEWERS, CLASS B, TYPE 1 18" @ 0.25%
STA 93+00.00, 29.00' RT. (INV) = 735.55
STA 94+50.00, 29.00' RT. (INV) = 735.18

FOREST PRESERVE

250.0' STORM SEWERS, CLASS B, TYPE 1 24" @ 0.25%
STA 95+50.00, 29.00' RT. (INV) = 734.93
STA 98+00.00, 29.00' RT. (INV) = 734.30

PIPE CULVERT REMOVAL & HEADWALLS

85.0' STORM SEWERS, CLASS B, TYPE 1 24" @ 0.25%
STA 98+34.37, 42.77' RT. (INV) = 734.21
STA 99+19.35, 42.70' RT. (INV) = 734.00

REMOVE INLET

DORR RD Sta = 225+00.00
HONONEGAH RD Sta 101+34

BUTT JT

DRY RUN CREEK

Scale 1" = 50'

4.0' P CUL CL A 1 15" WITH FES @ 1.00%
STA 114+74.99, 41.02' LT. (INV) = 753.40
STA 114+82.00, 48.10' LT. (FES INV) = 753.30

INLET SPECIAL, NO. 1
STA 114+71.84, 37.83' LT.
INV (E/S) - 734.86

46.0' P CUL CL D 1 15" WITH FES @ 0.35%
STA 115+52.26, 38.53' LT. (INV) = 753.49
STA 115+97.92, 38.52' LT. (INV) = 753.65

44.0' P CUL CL D 1 15" WITH FES @ 0.36%
STA 117+15.36, 34.97' LT. (INV) = 754.07
STA 117+59.14, 34.99' LT. (INV) = 754.23

64.0' P CUL CL A 1 EQRS 24" WITH FES @ 0.37%
STA 119+05.59, 37.00' LT. (FES INV) = 754.75
STA 119+81.59, 37.00' LT. (FES INV) = 755.03

38.0' P CUL CL D 1 15" WITH FES @ 0.45%
STA 123+30.34, 34.99' LT. (INV) = 756.28
STA 123+68.34, 34.99' LT. (INV) = 756.45

36.0' P CUL CL D 1 15" WITH FES @ 0.50%
STA 124+26.49, 34.99' LT. (INV) = 756.74
STA 124+62.49, 34.99' LT. (INV) = 756.92

BEGIN CL SHIFT
STA 109+25

CL SHIFT
STA 113+00
3' LT

RECONSTRUCT RESURFACE

R500.00'

R60.00'

10' MULTI USE PATH

10' MULTI-USEPATH

END CL SHIFT
STA 109+25

PROPOSED B-6.24 COMBINATION
CONCRETE CURB & GUTTER

McCURRY RD
Sta 101+05 =
HONONEGAH RD
Sta 114+11

TRANSITION
CURB FROM
6" TO 0" OVER 4'

DRYWELL
STA 116+25.00, 27.30' RT.
RIM ELEV. = 756.38
INV - 746.96

REMOVE TIMBER RETAINING WALL
(TYP.)

PIPE CULVERT REMOVAL
& DRIVEWAY REMOVAL

34.0' P CUL CL D 1 15" WITH FES @ 0.35%
STA 121+28.35, 34.99' LT. (INV) = 755.55
STA 121+62.35, 34.99' LT. (INV) = 755.67

PIPE CULVERT REMOVAL

34.0' P CUL CL D 1 15" WITH FES @ 0.35%
STA 122+28.71, 34.99' LT. (INV) = 755.91
STA 122+62.71, 34.99' LT. (INV) = 756.03

PIPE CULVERT REMOVAL & DRIVEWAY REMOVAL

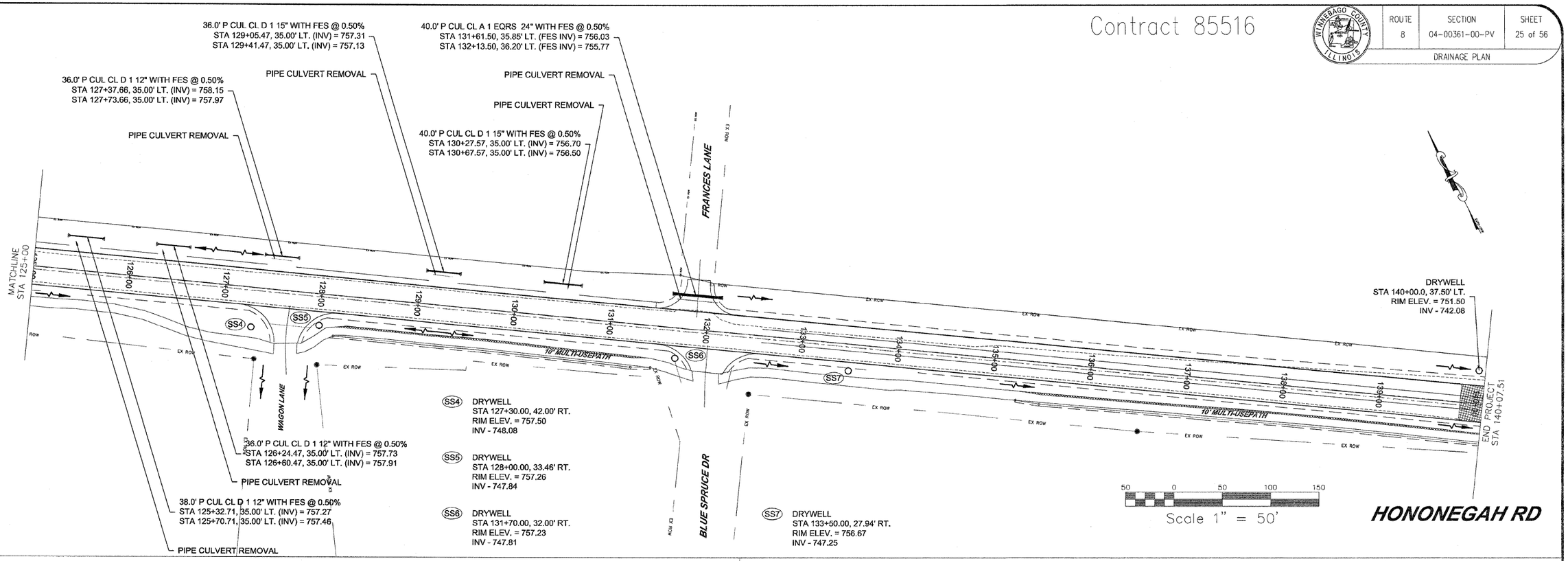
BEISSEMER RD

DRYWELL
STA 119+75.00, 42.27' RT.
RIM ELEV. = 755.25
INV - 746.33

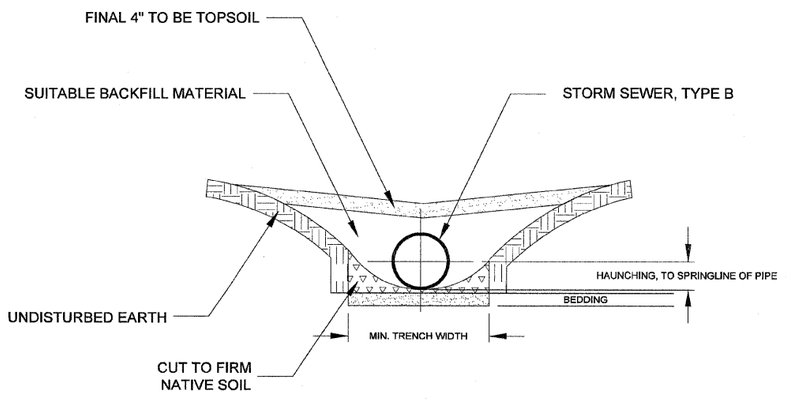
DRYWELL
STA 123+00.00, 29.26' RT.
RIM ELEV. = 757.30
INV - 747.88

Scale 1" = 50'

HONONEGAH RD



OPEN DITCH INSTALLATION



OPEN DITCH INSTALLATION
TYPICAL CROSS-SECTION

NOTES:

1) *FOUNDATION:* WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER. THIS WORK SHALL BE PAID FOR AS UNDERCUT UNSUITABLE MATERIAL (SEE SPECIAL PROVISIONS).

2) *BEDDING:* 4" OF GRANULAR MATERIAL MEETING THE REQUIREMENTS OF SECTION 208 (TRENCH BACKFILL) SHALL BE USED FOR BEDDING. THIS WORK SHALL BE INCIDENTAL TO THE STORM SEWER, TYPE B (SEE SPECIAL PROVISIONS FOR STORM SEWER, CLASS B).

3) *HAUNCHING AND INITIAL BACKFILL:* MATERIAL MEETING THE REQUIREMENTS OF SECTION 208 (TRENCH BACKFILL) SHALL BE USED. THIS WORK SHALL BE INCIDENTAL TO THE STORM SEWER, TYPE B.

4) UNLESS OTHERWISE SPECIFIED BY THE ENGINEER, MINIMUM TRENCH WIDTHS SHALL BE AS FOLLOWS:

NOMINAL DIA. IN	*MIN RECOMMENDED* TRENCH WIDTH, IN
4	21
6	23
8	25
10	28
12	31
15	34
18	39
24	48
30	66
36	78
42	83
48	89
60	102

5) *MINIMUM COVER:* MINIMUM RECOMMENDED DEPTHS OF COVER FOR VARIOUS LIVE LOADING CONDITIONS ARE SUMMARIZED IN THE FOLLOWING TABLE. UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE TAKEN FROM THE TOP OF PIPE TO THE GROUND SURFACE.

SURFACE LIVE LOADING CONDITION	MINIMUM RECOMMENDED COVER, IN
H25 (FLEXIBLE PAVEMENT)	12 (24 FOR 60" PIPE)
H25 (RIGID PAVEMENT)	12 (24 FOR 60" PIPE)
E80 (RAILWAY)	24
HEAVY CONSTRUCTION	48

Contract 85516

WINNEBAGO COUNTY ILLINOIS	ROUTE	SECTION	SHEET
	8	04-00361-00-PV	26 OF 56
	HONONEGAH & DORR ROAD TRAFFIC SIGNALS		

TRAFFIC SIGNAL GENERAL NOTES

THE EXACT LOCATION OF THE MAST ARM ASSEMBLY AND POLE AND DETECTOR LOOPS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.

ALL SIGNAL CABLE SHALL BE MARKED WITH ELECTRIC TAPE FOR IDENTIFICATION PURPOSES. THIS IDENTIFICATION SHALL BE DONE AT THE CONTROLLER AND IN THE SIGNAL HEAD.

CONTRACTOR MUST SUBMIT SHOP DRAWINGS FOR MAST ARM ASSEMBLIES CONSISTENT WITH I.D.O.T. PRE-APPROVED DESIGNS FOR LOADINGS REPRESENTED ON PLANS.

LIGHT FIXTURES SHALL BE MOUNTED AT 35'-0" HEIGHT ON 8' ARMS.

ALL TRAFFIC SIGNAL AND HIGHWAY LIGHTING WORK AND MATERIAL SHALL CONFORM TO DIVISION 800 OF THE CURRENT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

EACH LUMINAIRE SHALL BE SUPPLIED WITH AN INTEGRAL PHOTOCELL SENSOR CONTROL.

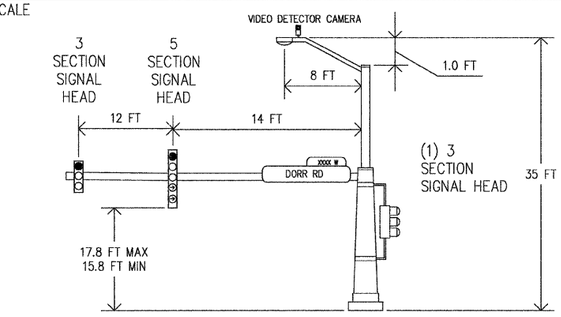
Ⓐ STA. 100+53.23, 38' LT
CONC FDN TY E 30D, 10 FT
STEEL COMB MAST ARM ASSEMBLY & POLE, 28 FT
LUMINAIRE, SV HORI MT PC 400W, 8' MA, 35' MTG HT, 1 EA

Ⓑ STA. 101+70.42, 35' RT
CONC FDN TY E 36D, 14 FT
STEEL COMB DUAL MAST ARM ASSEMBLY & POLE, 36 FT & 38 FT
LUMINAIRE, SV HORI MT PC 400W, 8' MA, 35' MTG HT, 1 EA

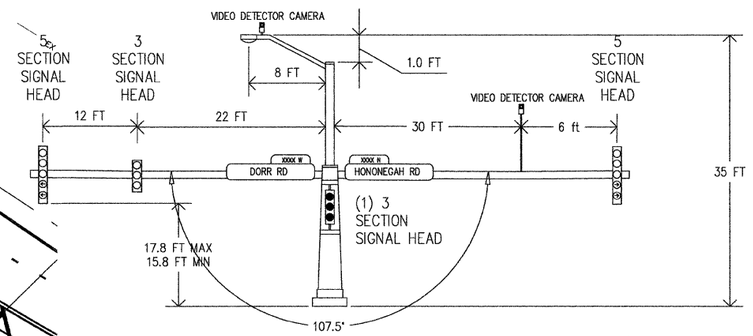
Ⓒ STA. 102+09.34, 43' LT
CONC FDN TY A, 3 FT
TRAFFIC SIGNAL POST GALV, 16 FT

MAST ARM EQUIPMENT MOUNTING DETAILS

NO SCALE



Ⓐ MAST ARM LENGTH: 28 FT
HONONEGAH ROAD, NORTHWEST CORNER (WB TRAFFIC)



Ⓑ MAST ARM LENGTH: 36 FT (FACING HONONEGAH RD) & 38 FT (FACING DORR RD)
HONONEGAH ROAD, SOUTHEAST CORNER (EB TRAFFIC)

EOP Sta = 22+51.68

PCC Sta = 22+24.00

22+00

21+00

100+00

101+00

102+00

103+00

+13.1

DORR RD Sta = 20+00.00
HONONEGAH RD Sta 1

PE+73

PE+67

CE+30

CE+80

21'

12'

28'

23'

R280

R338

R45

R2

EX ROW

PL

8' - T
2.5" PVC
FOUND TY - E
30" DIA - 10' DEEP

115' - P
3" PVC

HH

28' MA

FOUND TY - A
3' DEEP
32' - T
3" PVC
32' - T
4" PVC

DRILL EX DHH
MODIFY EX CONTROLLER
MAINTAIN EXISTING SERVICE

80' - P
3" PVC

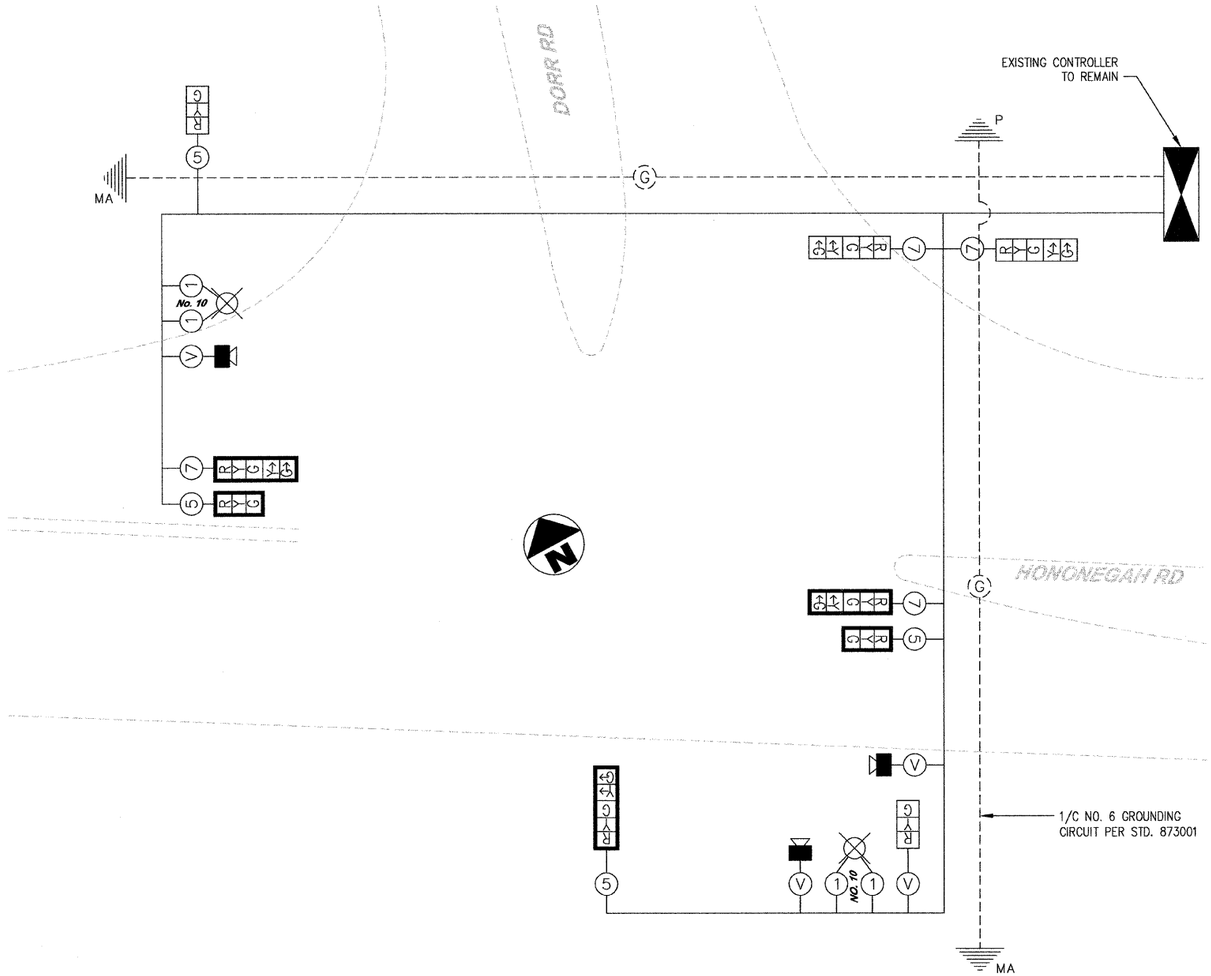
38' MA

10' - T
3" PVC
FOUND TY - E
36" DIA - 14' DEEP

10' MULTI-USEPATH

REMOVE EXISTING SPAN WIRE SIGNALS AND POSTS (TYP)

HONONEGAH/DORR – TRAFFIC SIGNAL PLAN

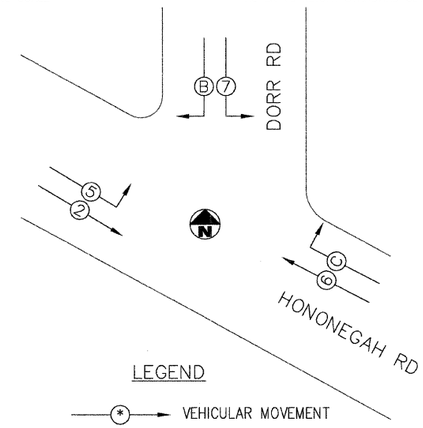


CABLE PLAN LEGEND

- SERVICE INSTALLATION
- (5) CABLE WITH NO. OF CONDUCTORS
- [R Y G] SIGNAL HEAD WITH BACKPLATE (12" LENSES)
- [R Y G] SIGNAL HEAD WITHOUT BACKPLATE (12" LENSES)
- HIGH PRESSURE SODIUM LUMINAIRE (400 WATTS)
- (E) EMERGENCY VEHICLE PRIORITY SYETEM LEAD-IN CABLE (3/C NO. 20)
- EMERGENCY VEHICLE DOUBLE OPTICAL DETECTOR WITH DOUBLE CONFIRMATION BEACON
- CONTROLLER CABINET
- VIDEO DETECTOR CAMERA
- (V) VIDEO DETECTOR CABLE BELDON 8281 COAXIAL
- MA GROUND ROD AT POST (P) OR MAST ARM (MA)

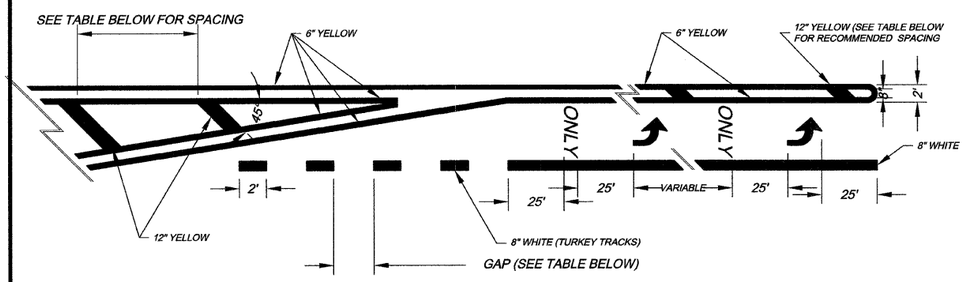
PHASE DESIGNATION DIAGRAM

NO SCALE — REFER TO I.D.O.T. STANDARD 857001



ITEM NO.	PAY CODE NUMBER	ITEMS	UNIT	QUANTITIES 04-00361-00-PV			
				SLATS		RMAP	TOTAL
				I000	Y031-1F	I000	
65	72000200	SIGN PANEL - TYPE 2	SF		60.00		60.00
75	81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FT		40.00		40.00
76	81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FT		10.00		10.00
77	81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FT		32.00		32.00
78	81021350	CONDUIT PUSHED, 3" DIA., PVC	FT		195.00		195.00
79	81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EA		3.00		3.00
80	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FT		500.00		500.00
81	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FT		88.00		88.00
82	82103400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 400 WATT	EA		2.00		2.00
83	85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EA		1.00		1.00
84	86200200	UNINTERRUPTIBLE POWER SUPPLY, STANDARD	EA		1.00		1.00
85	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FT		800.00		800.00
86	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FT		770.00		770.00
87	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EA		1.00		1.00
88	87702870	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT.	EA		1.00		1.00
89	87704410	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE DMA 36 FT & 38 FT	EA		1.00		1.00
90	87800100	CONCRETE FOUNDATION, TYPE A	FT		3.00		3.00
91	87800150	CONCRETE FOUNDATION, TYPE C	FT		3.00		3.00
92	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FT		14.00		14.00
93	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FT		10.00		10.00
94	87900200	DRILL EXISTING HANDHOLE	EA		1.00		1.00
95	88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3 SECTION, BRACKET MOUNTED	EA		2.00		2.00
96	88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3 SECTION, MAST ARM MOUNTED	EA		2.00		2.00
97	88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5 SECTION, BRACKET MOUNTED	EA		2.00		2.00
98	88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5 SECTION, MAST ARM MOUNTED	EA		3.00		3.00
99	88200100	TRAFFIC SIGNAL BACKPLATE	EA		5.00		5.00
100	89502200	MODIFY EXISTING CONTROLLER	EA		1.00		1.00
101	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EA		1.00		1.00
103	X0323481	VIDEO VEHICLE DETECTION, 3 CAMERAS	EA		1.00		1.00
106	X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FT		390.00		390.00

HONONEGAH/DORR – CABLE PLAN



SKIP DASH SPACING (FEET):

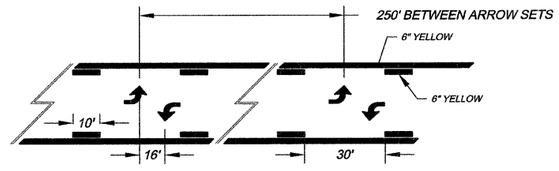
SPEED LIMIT RANGE	*SPACING*
LESS THAN 45 MPH	*4 FT GAP*
45 MPH TO 55 MPH	*6 FT GAP*
OVER 55 MPH	*8 FT GAP*

RECOMMENDED SPACING BETWEEN DIAGONALS (FEET):

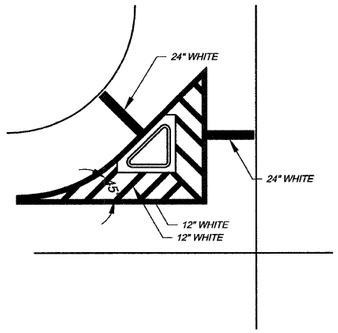
SPEED LIMIT RANGE	*CONTINOUS MEDIAN AREA*	*INTERSECTION CHANNELIZATION*	*OBJECTS (ISLANDS)*
LESS THAN 30 MPH	*50 FT*	*15 FT*	*10 FT*
30 MPH TO 40 MPH	*75 FT*	*20 FT*	*15 FT*
45 MPH & OVER	*75 FT*	*30 FT*	*20 FT*

NOTE: IF THE SPACING RECOMMENDED IN THE TABLE DOES NOT PERMIT AT LEAST FIVE DIAGONAL LINES IN THE AREA BEING MARKED, THE SPACING FROM THE NEXT LOWEST SPEED RANGE SHOULD BE USED. THE RECOMMENDED SPACING IS MEASURED PARALLEL TO THE PAVEMENT CENTERLINE.

TYPICAL MARKING FOR FLUSH MEDIAN



TYPICAL TWO-WAY LEFT TURN DETAIL



TYPICAL MARKING FOR CORNER ISLAND OFFSET SHOULDER WIDTH

GENERAL NOTES

PAVEMENT MARKING

ALL PAVEMENT MARKING SHALL BE DONE ACCORDING TO STANDARD 780001, EXCEPT AS FOLLOWS:
1) ALL WORDS, SUCH AS "ONLY" SHALL BE 8' HIGH.
2) ALL ARROWS SHALL BE THE LARGE SIZE.
3) THE DISTANCE BETWEEN YELLOW NO-PASSING LINES SHALL BE 8", NOT 7" AS SHOWN IN STANDARD 780001.

GENERAL

HONENEGAH ROAD SHALL BE OPEN TO TWO WAY TRAFFIC AT ALL TIMES. DORR ROAD SHALL BE OPEN TO TWO WAY TRAFFIC AT ALL TIMES. MCCURRY ROAD SHALL BE OPEN TO TWO WAY TRAFFIC AT ALL TIMES. PEDESTRIAN ACCESS TO THE BIKEPATH IS TO BE MAINTAINED AND THE BIKEPATH SHALL REMAIN OPEN AND ACCESSIBLE AT ALL TIMES.

TEMPORARY PAVEMENT MARKINGS AND SUPPLEMENTAL PAVEMENT MARKINGS ARE REQUIRED DURING CONSTRUCTION AND BETWEEN MAINTENANCE OF TRAFFIC PHASES. THIS SUPPLEMENTAL STRIPING FOR ALL ROADWAYS IS INCIDENTAL TO TRAFFIC CONTROL AND PROTECTION. ALL SUPPLEMENTAL PAVEMENT MARKINGS SHALL CONFORM TO SECTION 703 OF THE IDOT STANDARD PROVISIONS.

THE CONTRACTOR IS ADVISED THAT IN THE EVENT OF SNOW, HE WILL BE HELD RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF ANY TRAFFIC CONTROL AND PROTECTION/MAINTENANCE OF TRAFFIC DEVICES REQUIRED FOR HIS OPERATIONS THAT WOULD INTERFERE WITH SNOW REMOVAL OPERATIONS.

THE CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION FOR TRAFFIC AS DIRECTED BY THE ENGINEER. ANY DROP OFFS GREATER THAN 3 INCHES ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH BARRICADES AND SHALL BE INCIDENTAL TO THE PAY ITEM: TRAFFIC CONTROL AND PROTECTION

SIGNS:
NO BRACING WILL BE ALLOWED ON POST-MOUNTED SIGNS.

POST MOUNTED SIGNS SHALL BE INSTALLED USING STANDARD 720011, 728001, 729001, ON 4"X4" WOOD POSTS, OR ANY OTHER "BREAK AWAY" CONNECTION IF ACCEPTED BY THE FHWA.

"BUMP" (W8-1(0)48) SIGNS SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER.

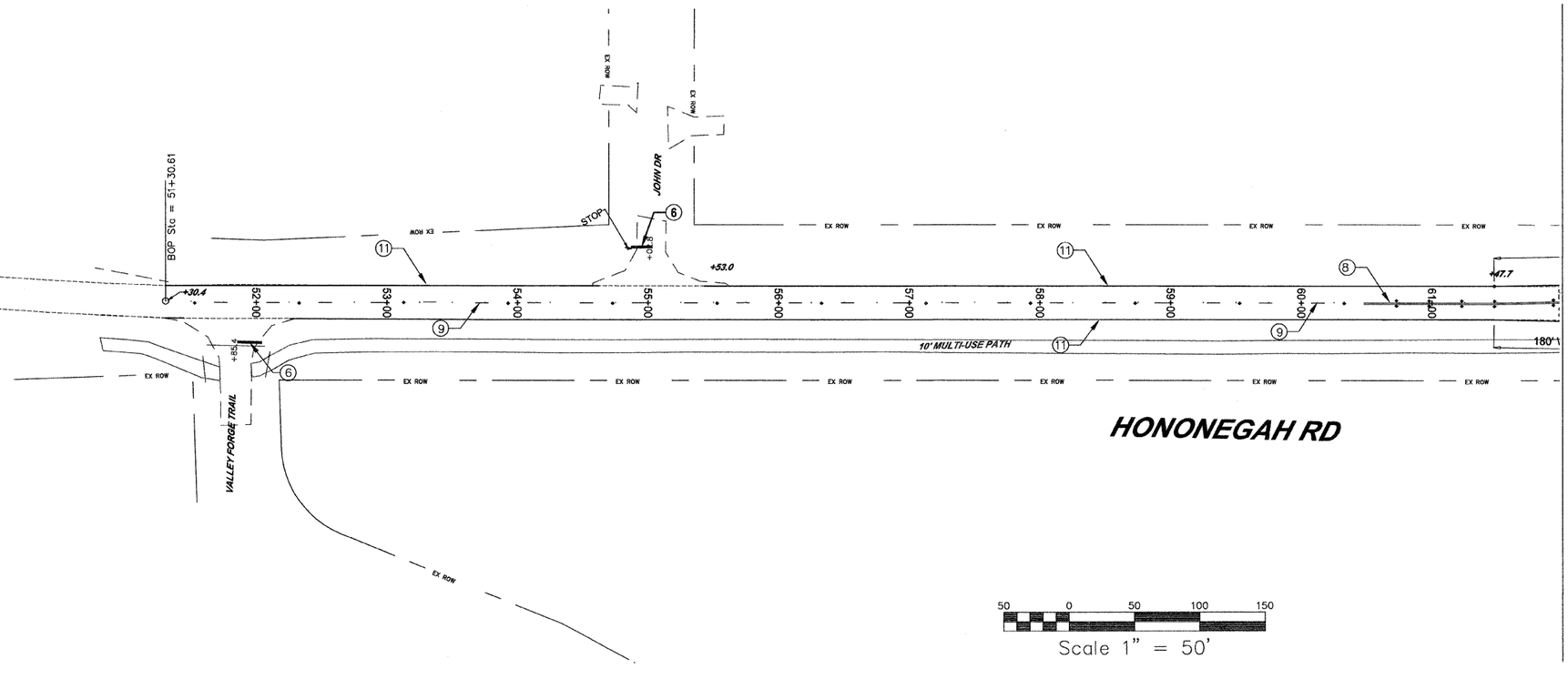
DEVICES:
A MINIMUM OF 3 DRUMS SPACED AT 1.2 METERS (4 FEET) SHALL BE PLACED AT EACH RETURN WHEN THE SIDEROAD IS OPEN.

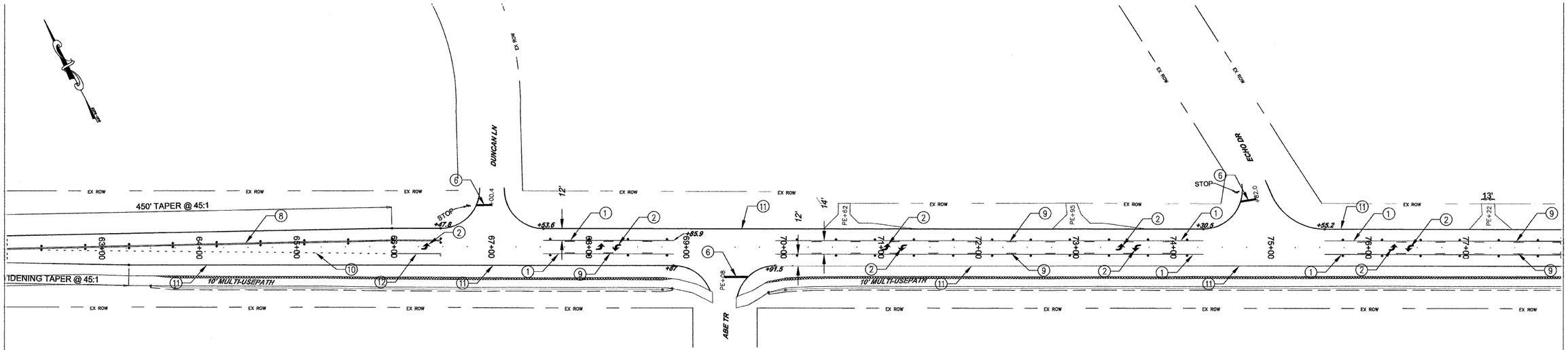
ALL TRAFFIC CONTROL DEVICES USED FOR THE MAINTENANCE OF TRAFFIC SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS NECESSARY THROUGHOUT THE DURATION OF THE CONTRACT. ALL SIGNS SHALL BE FURNISHED, INSTALLED, AND MAINTAINED BY THE CONTRACTOR. PAYMENT SHALL BE INCLUDED N THE CONTRACT UNIT PRICES FOR TRAFFIC CONTROL AND PROTECTION, MAINTENANCE OF TRAFFIC, AND SUPPLEMENTAL BARRICADE.

TRAFFIC CONDITITIONS, ACCIDENTS, AND OTHER UNFORESEEN CONDITIONS MAY REQUIRE THE ENGINEER TO MODIFY THE LOCATION OF THE TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY.

KEY NOTES

1	6" SINGLE (YELLOW STRIPE)
2	"LEFT" TURN ARROW (WHITE TYP.)
3	"RIGHT" TURN ARROW (WHITE TYP.)
5	"LEFT" TURN/THROUGH ARROW (WHITE TYP.)
6	24" STOP BAR (WHITE STRIPE)
7	12" DIAGONAL 20' C-C SPACING (YELLOW STRIPE)
8	6" DOUBLE (YELLOW STRIPE)
9	6" SKIP DASH (YELLOW TYP.)
10	8" SKIP DASH (WHITE TYP.)
11	6" SINGLE (WHITE STRIPE)
12	8" SINGLE (WHITE STRIPE)

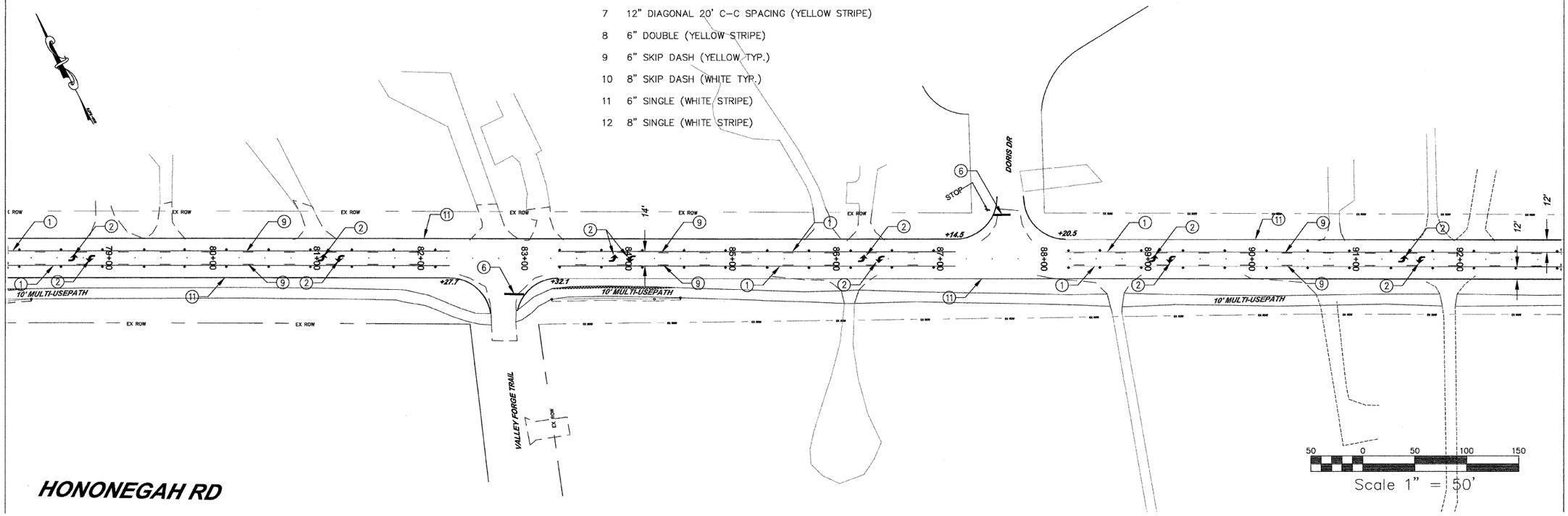




KEY NOTES

1 6" SINGLE (YELLOW STRIPE)
2 "LEFT" TURN ARROW (WHITE TYP.)
3 "RIGHT" TURN ARROW (WHITE TYP.)
5 "LEFT" TURN/THROUGH ARROW (WHITE TYP.)
6 24" STOP BAR (WHITE STRIPE)
7 12" DIAGONAL 20' C-C SPACING (YELLOW STRIPE)
8 6" DOUBLE (YELLOW STRIPE)
9 6" SKIP DASH (YELLOW TYP.)
10 8" SKIP DASH (WHITE TYP.)
11 6" SINGLE (WHITE STRIPE)
12 8" SINGLE (WHITE STRIPE)

50 0 50 100 150
Scale 1" = 50'

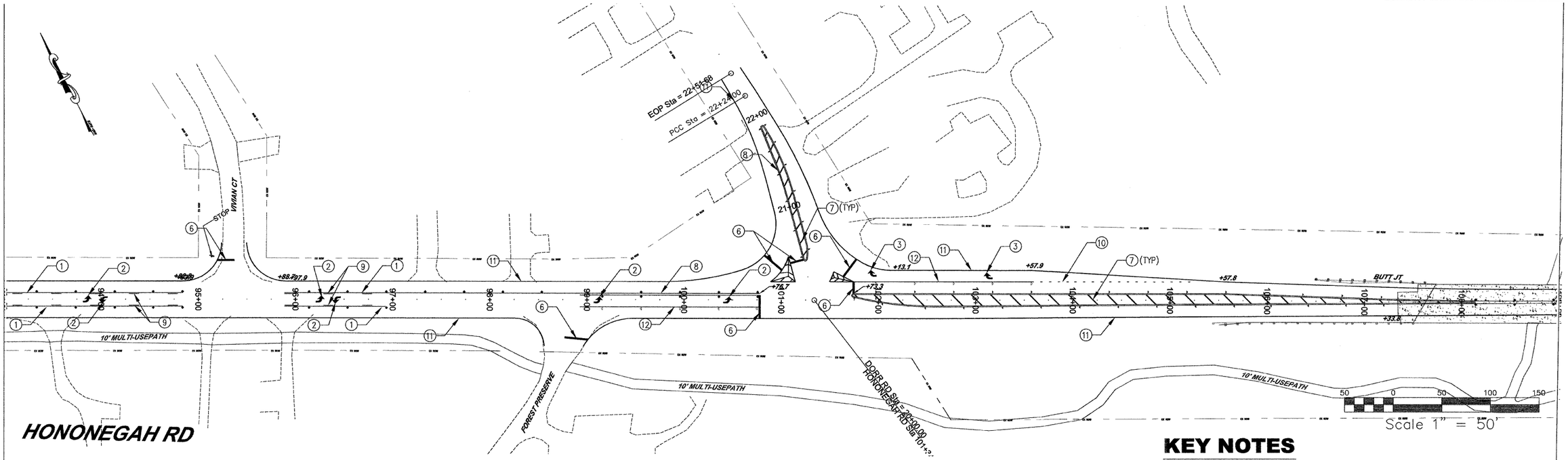


50 0 50 100 150
Scale 1" = 50'

CONTRCT No. 85516

WINNEBAGO COUNTY ILLINOIS	ROUTE	SECTION	SHEET
	8	04-00361-00-PV	30 OF 56

STRIPING PLAN



KEY NOTES

1 6" SINGLE (YELLOW STRIPE)
2 "LEFT" TURN ARROW (WHITE TYP.)
3 "RIGHT" TURN ARROW (WHITE TYP.)
5 "LEFT" TURN/THROUGH ARROW (WHITE TYP.)
6 24" STOP BAR (WHITE STRIPE)
7 12" DIAGONAL 20' C-C SPACING (YELLOW STRIPE)
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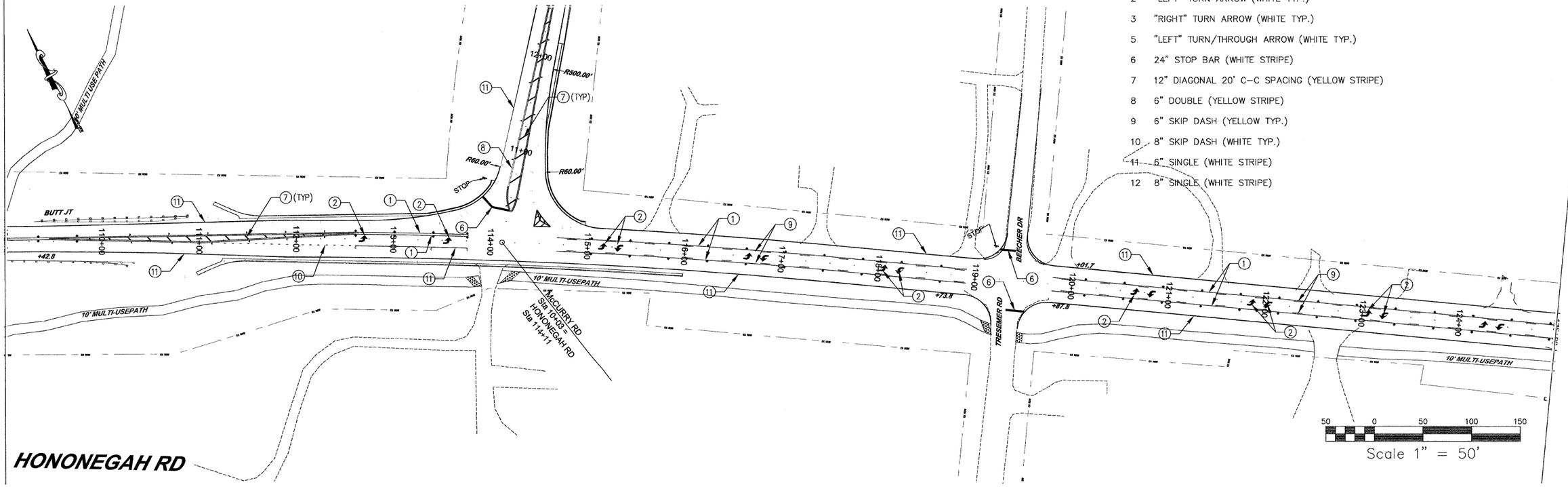
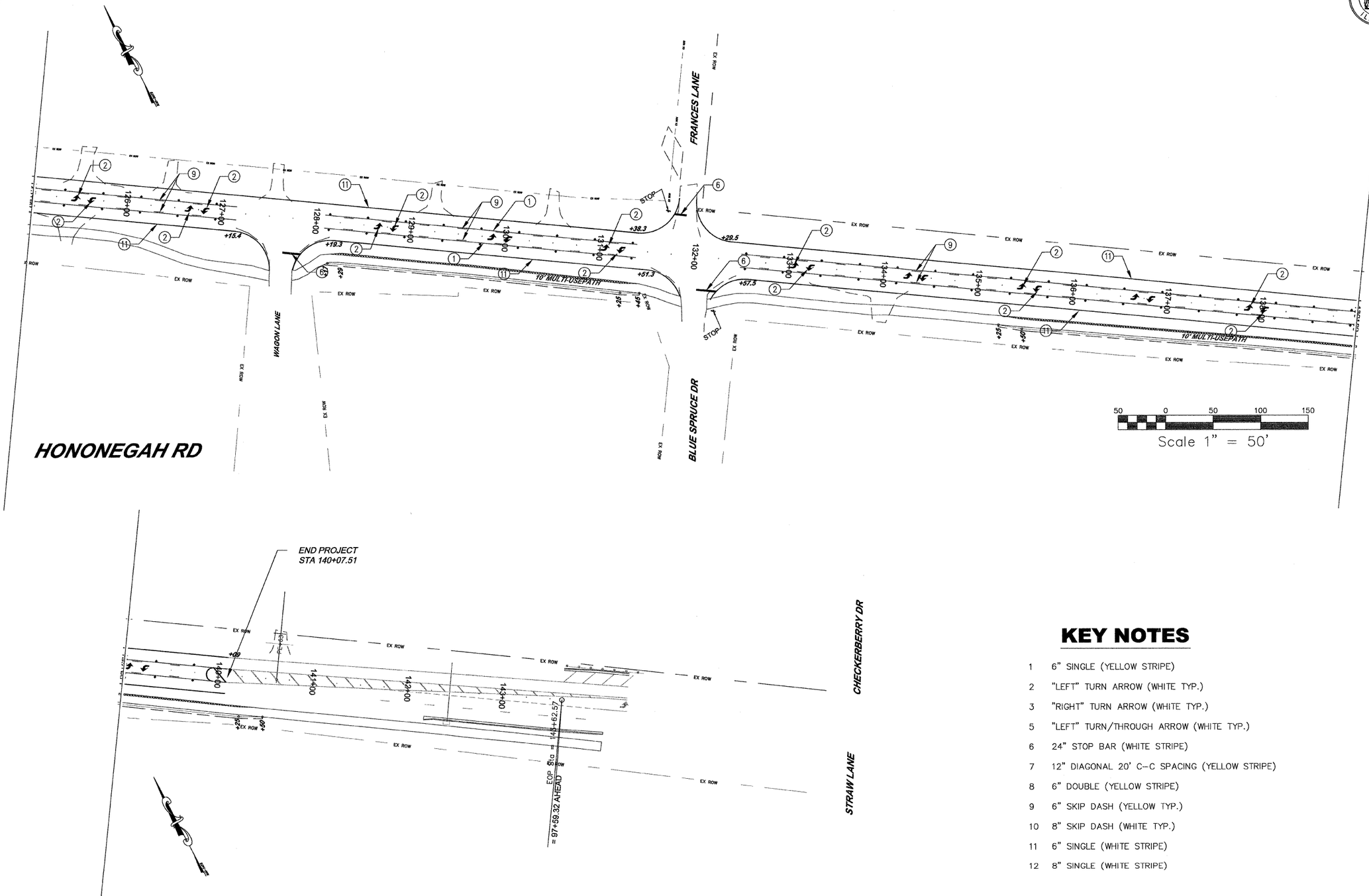
9 6" SKIP DASH (YELLOW TYP.)
10 8" SKIP DASH (WHITE TYP.)
11 6" SINGLE (WHITE STRIPE)
12 8" SINGLE (WHITE STRIPE)



CONTRCT No. 85516

WINNEBAGO COUNTY ILLINOIS	ROUTE	SECTION	SHEET
	8	04-00361-00-PV	31 OF 56
	STRIPING PLAN		



KEY NOTES

1	6" SINGLE (YELLOW STRIPE)
2	"LEFT" TURN ARROW (WHITE TYP.)
3	"RIGHT" TURN ARROW (WHITE TYP.)
5	"LEFT" TURN/THROUGH ARROW (WHITE TYP.)
6	24" STOP BAR (WHITE STRIPE)
7	12" DIAGONAL 20' C-C SPACING (YELLOW STRIPE)
8	6" DOUBLE (YELLOW STRIPE)
9	6" SKIP DASH (YELLOW TYP.)
10	8" SKIP DASH (WHITE TYP.)
11	6" SINGLE (WHITE STRIPE)
12	8" SINGLE (WHITE STRIPE)

50 0 50 100 150
Scale 1" = 50'

70.0 60.0 50.0 40.0 30.0 20.0 10.0 ℄ 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0

STA =53+00
ORIGINAL EL =758.71
DESIGN EL =758.79

DESIGN EARTHWORK
FILL AREA =2.35
CUT AREA =8.44

DITCH 21.58
DITCH 757.59

STA =52+00
ORIGINAL EL =758.72
DESIGN EL =758.77

DESIGN EARTHWORK
FILL AREA =4.11
CUT AREA =11.74

DITCH 20.31
DITCH 757.89

VALLEY FORGE TRAIL
+1.34%

STA =51+85.40
ORIGINAL EL =758.76
DESIGN EL =758.74

DESIGN EARTHWORK
FILL AREA =4.15
CUT AREA =14.68

STA =56+00
ORIGINAL EL =758.15
DESIGN EL =758.30

DESIGN EARTHWORK
FILL AREA =2.72
CUT AREA =5.86

DITCH 23.24
DITCH 756.69

JOHN DR
-2.43%

STA =55+02.80
ORIGINAL EL =758.60
DESIGN EL =758.77

DESIGN EARTHWORK
FILL AREA =2.29
CUT AREA =5.97

DITCH 22.71
DITCH 756.98

STA =55+00
ORIGINAL EL =758.60
DESIGN EL =758.78

DESIGN EARTHWORK
FILL AREA =2.34
CUT AREA =5.55

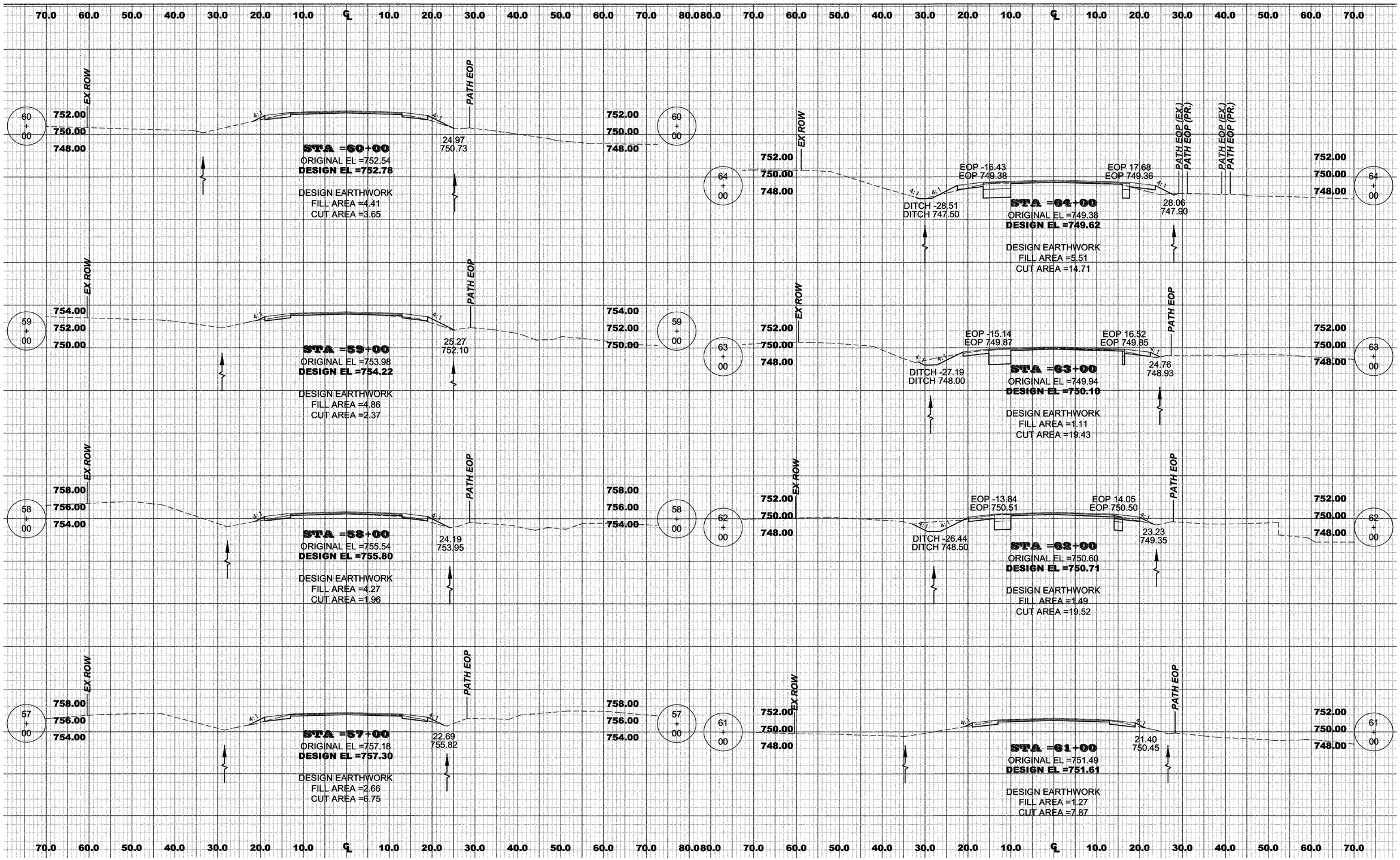
DITCH 22.70
DITCH 756.99

STA =54+00
ORIGINAL EL =758.69
DESIGN EL =758.81

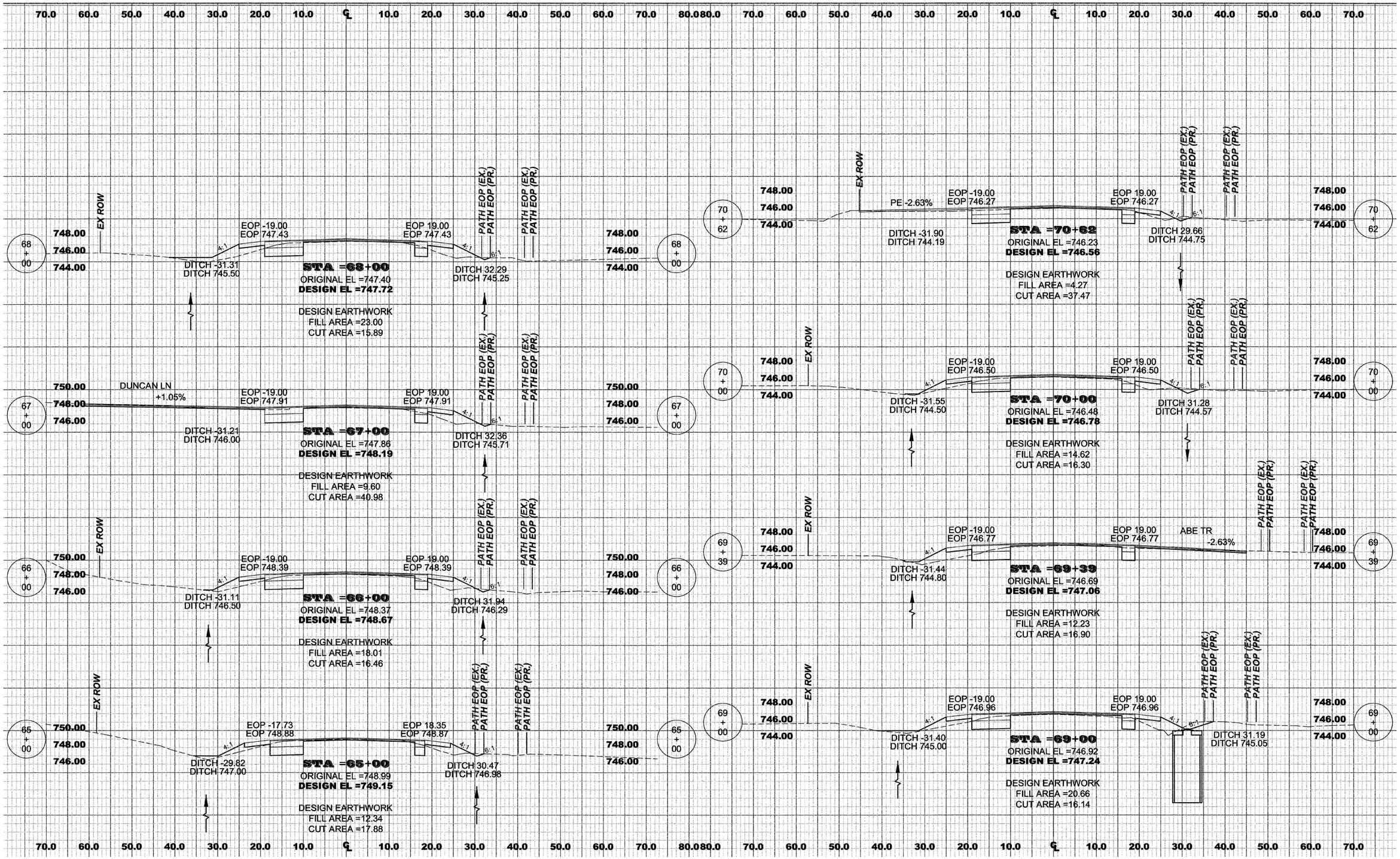
DESIGN EARTHWORK
FILL AREA =4.79
CUT AREA =5.93

DITCH 22.85
DITCH 757.29

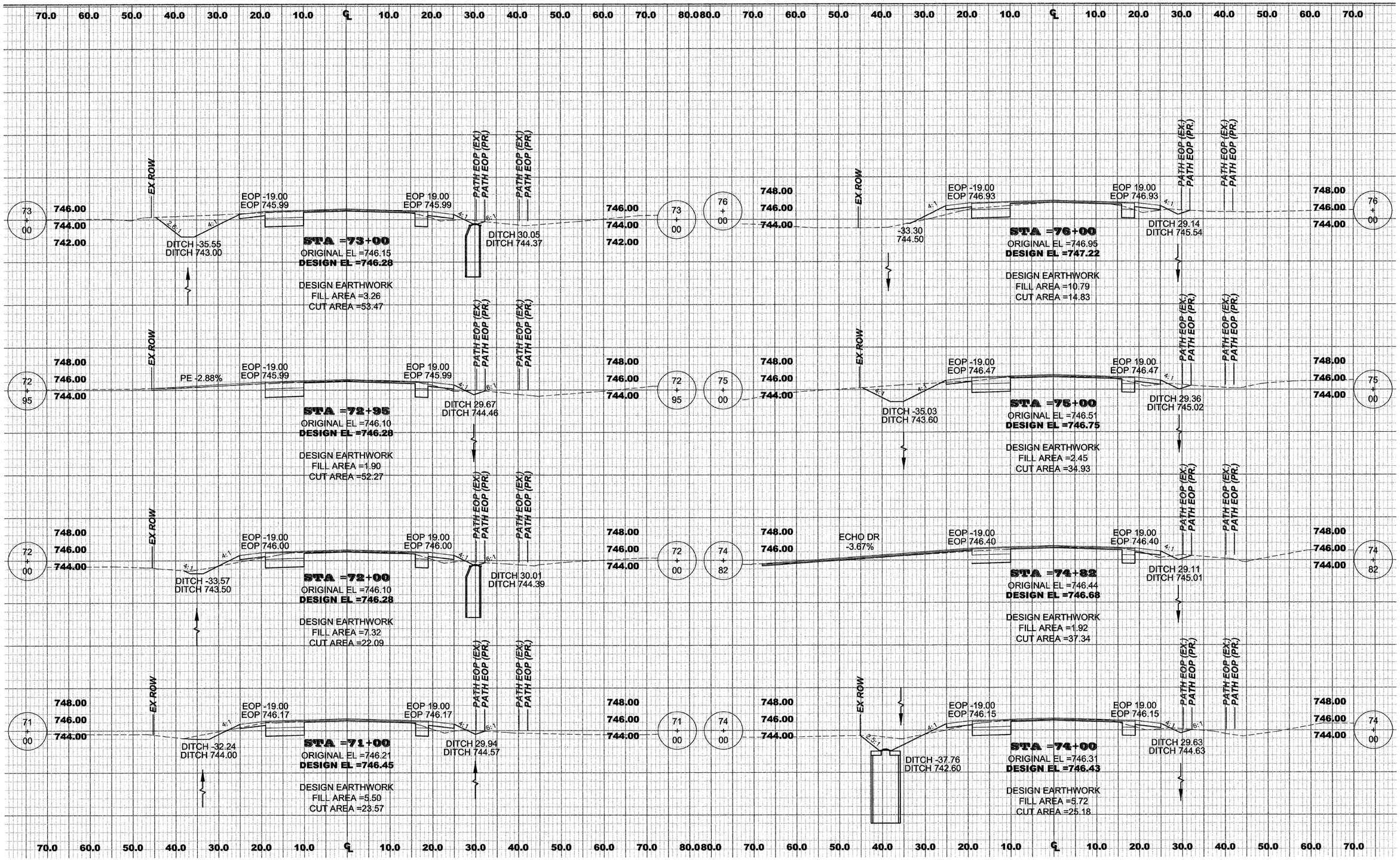
HONONEGAH ROAD
CROSS-SECTION



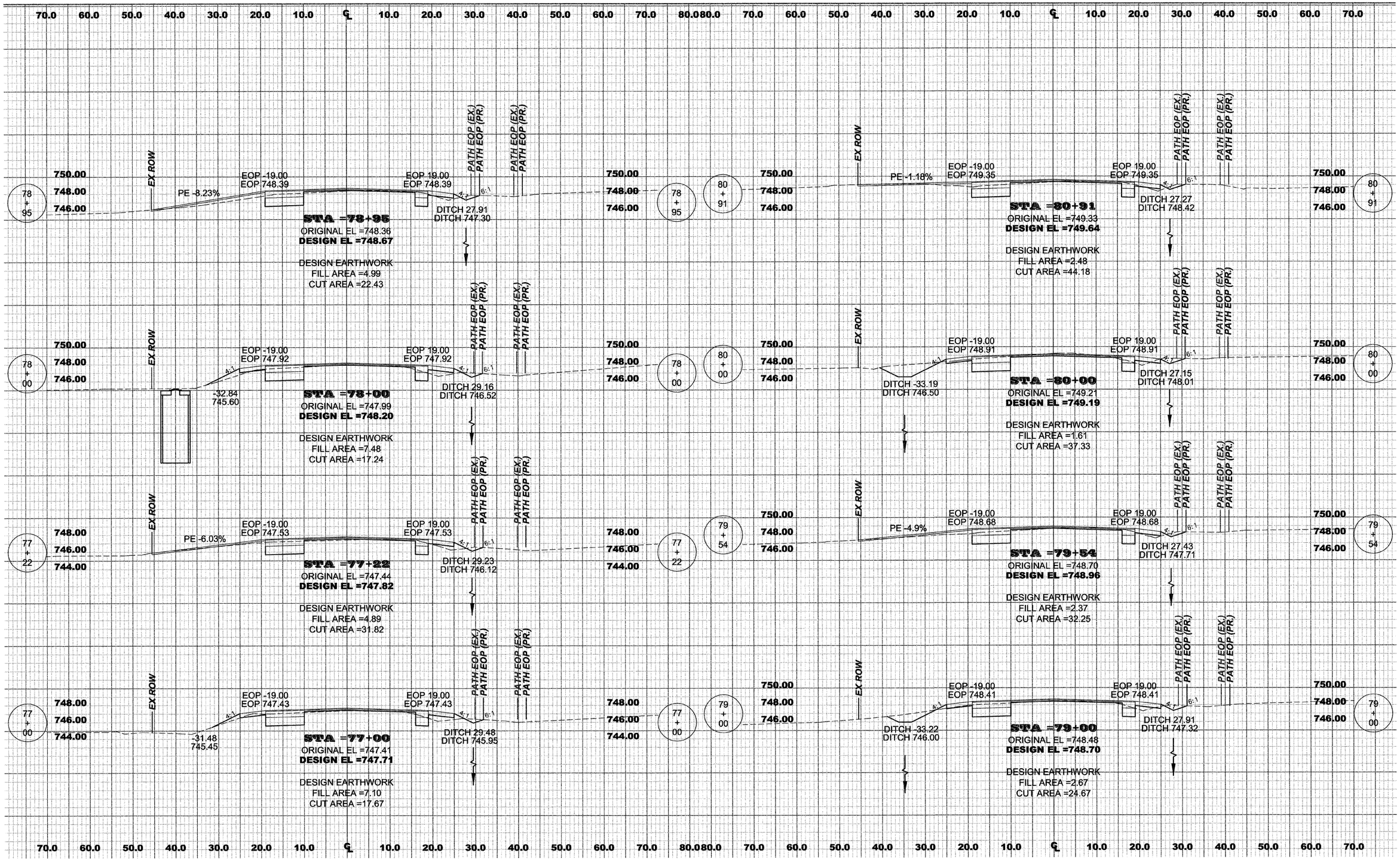
HONONEGAH ROAD
CROSS-SECTION



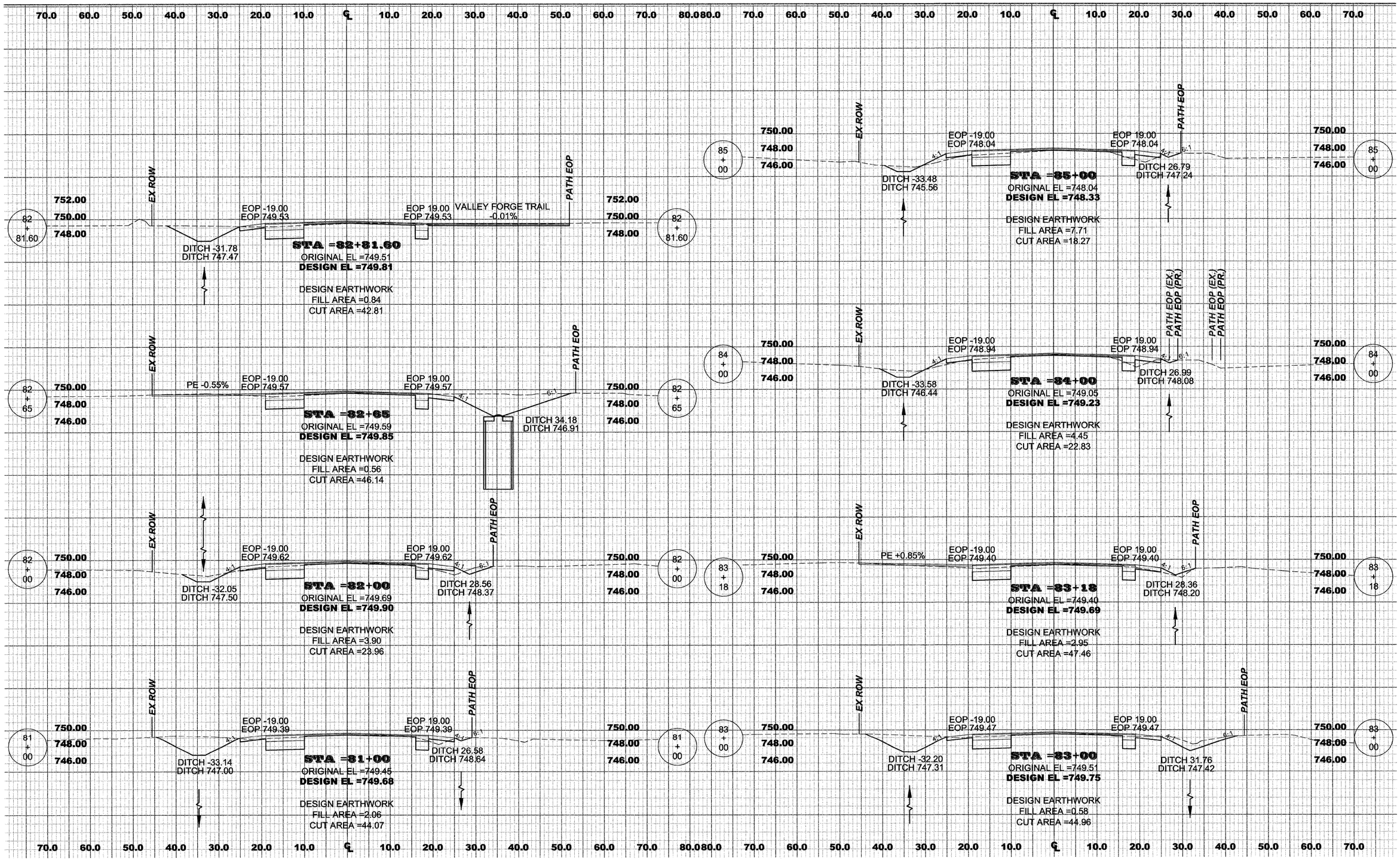
HONONEGAH ROAD
CROSS-SECTION



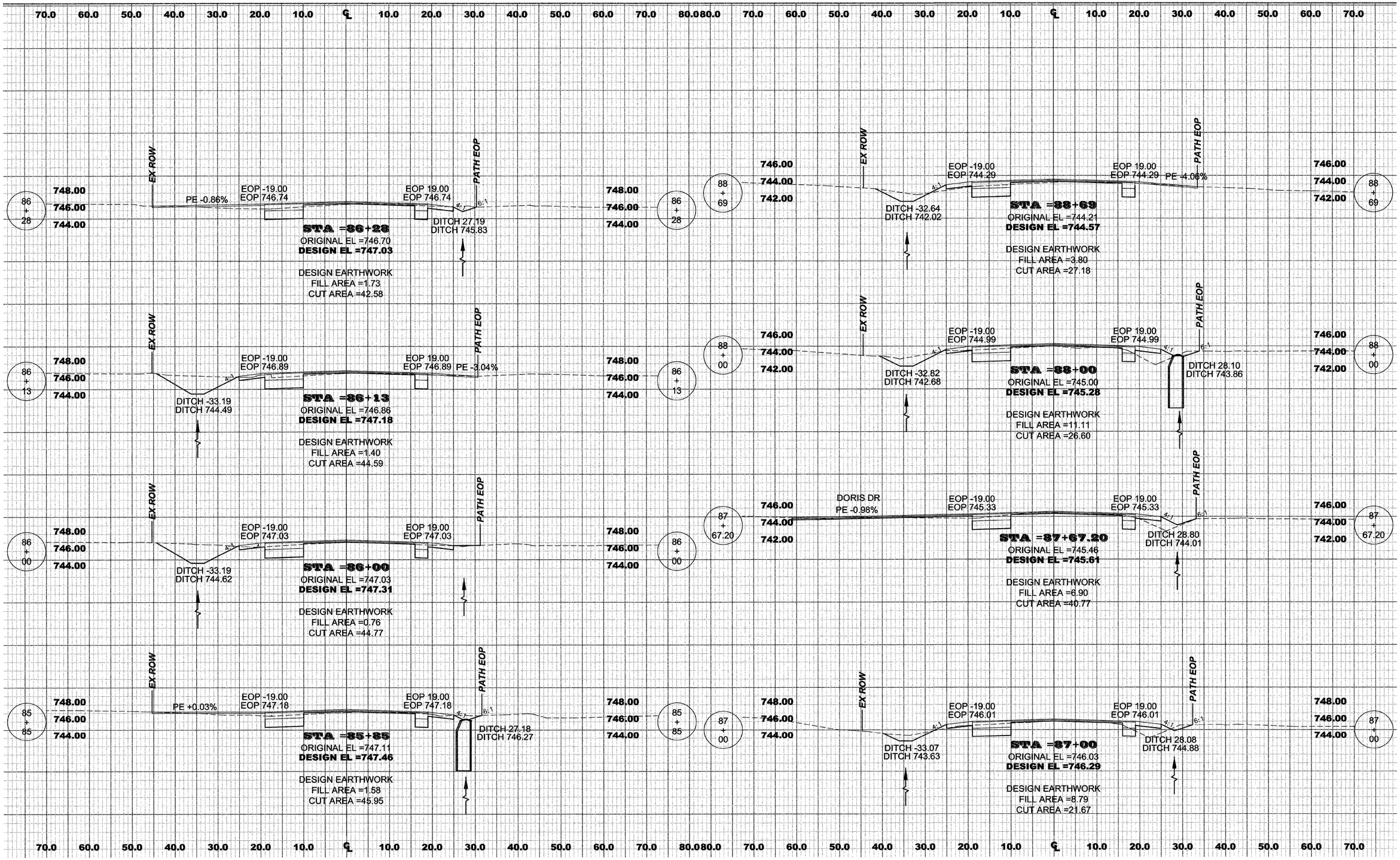
HONONEGAH ROAD
CROSS-SECTION



HONONEGAH ROAD
CROSS-SECTION



HONONEGAH ROAD
CROSS-SECTION

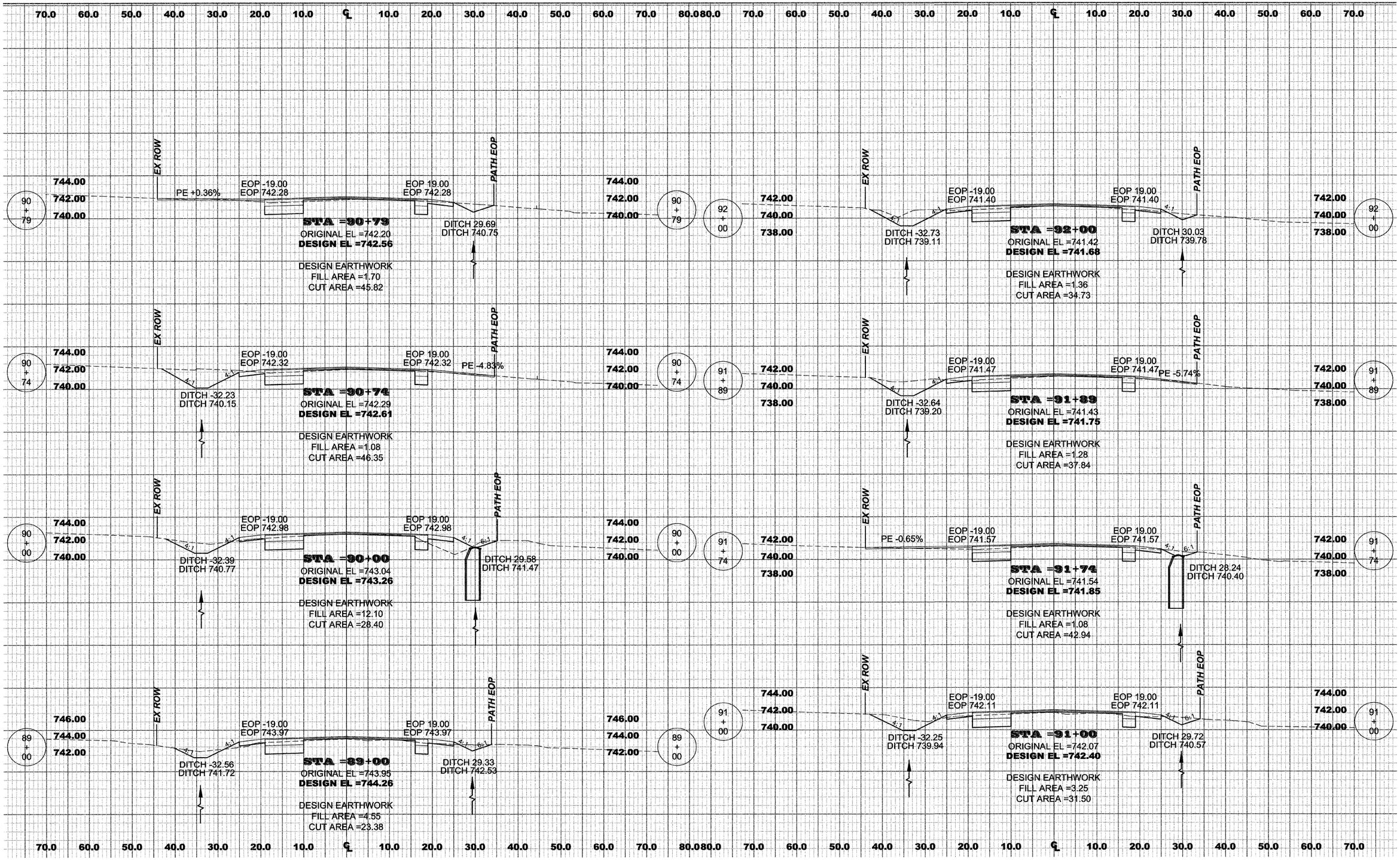


HONONEGAH ROAD
CROSS-SECTION

Contract 85516

ROUTE	SECTION	SHEET
C.H. 8	04-00361-00-PV	39 OF 56

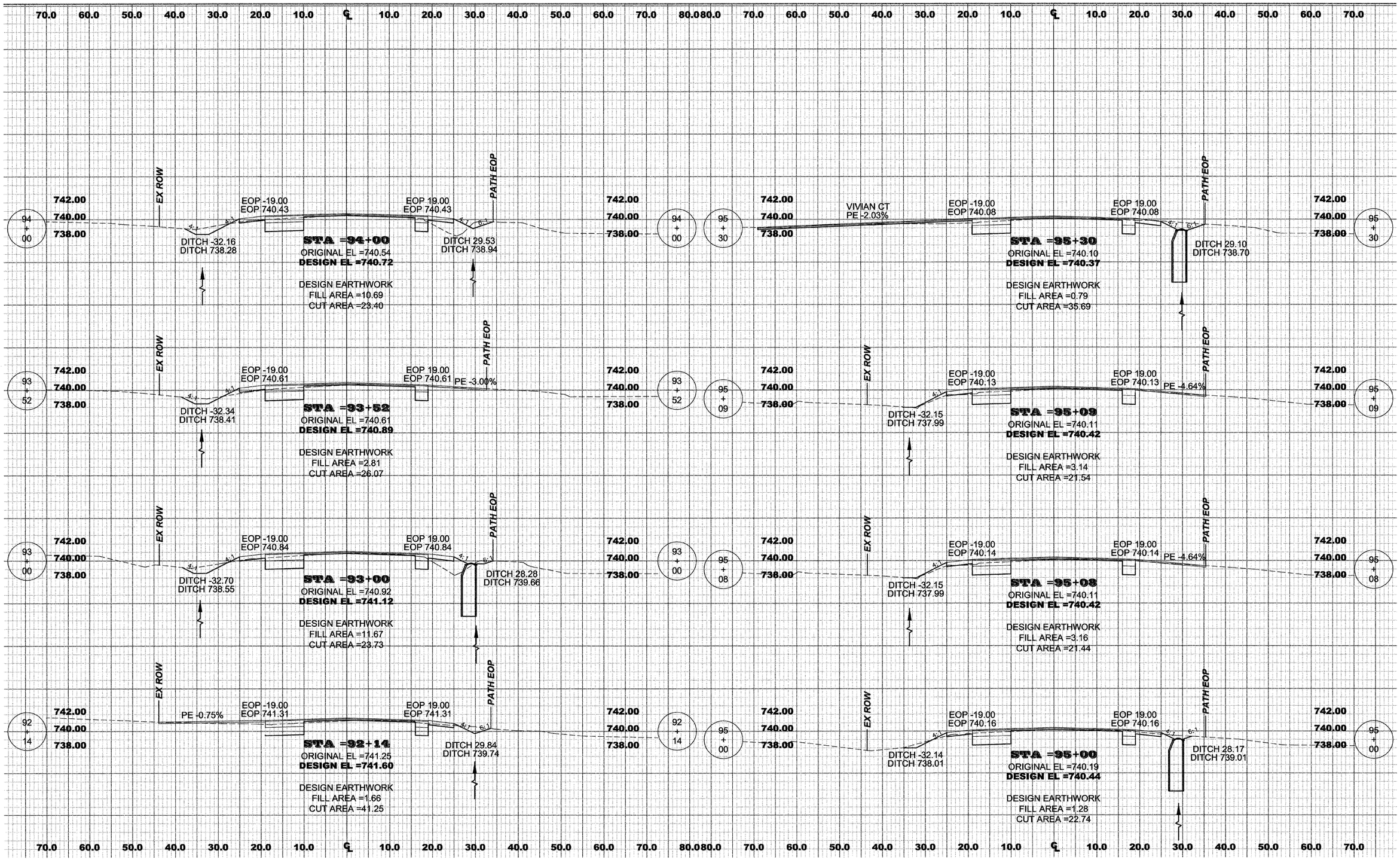
HONONEGAH ROAD



HONONEGAH ROAD
CROSS-SECTION

Contract 85516

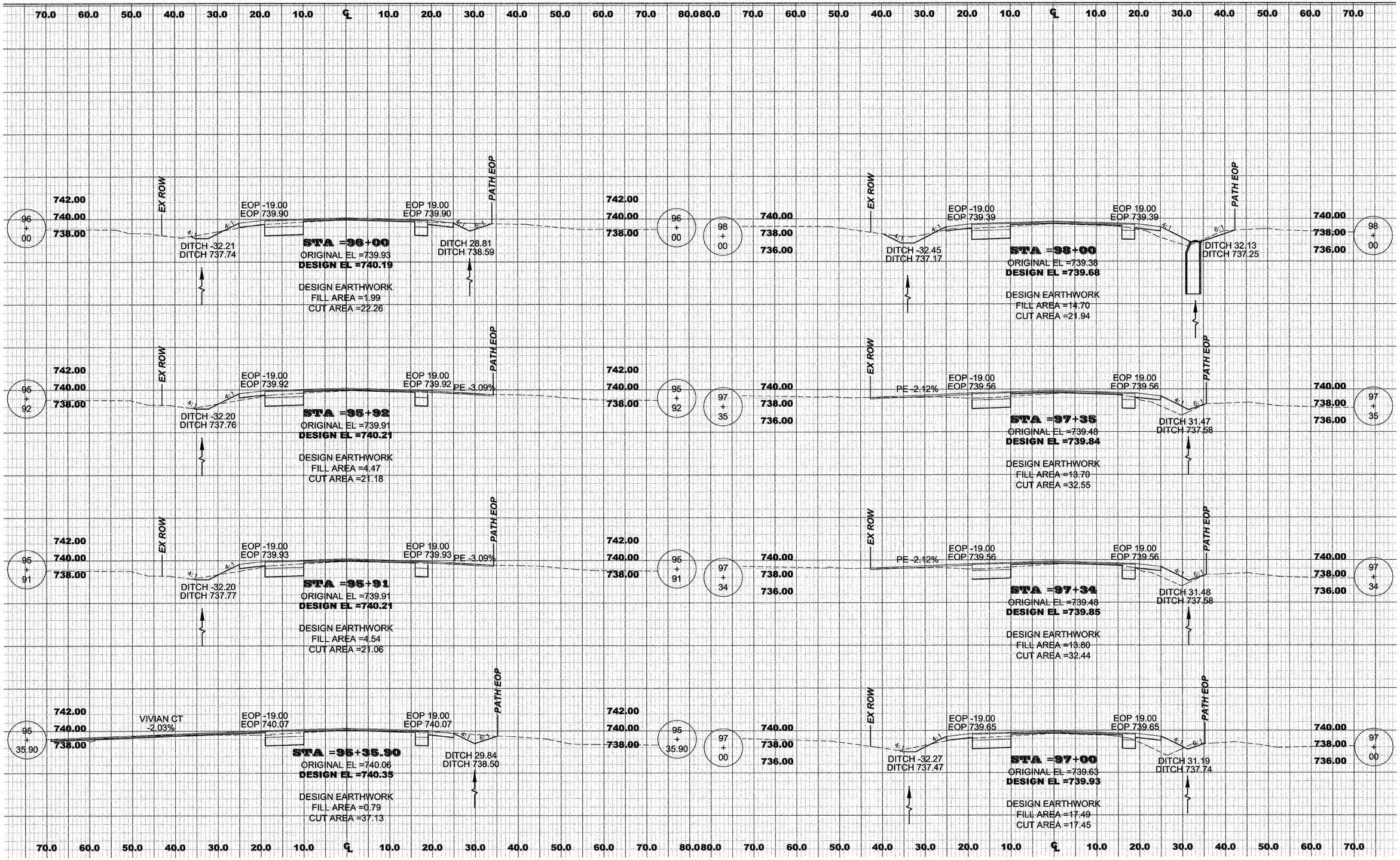
WINNEBAGO COUNTY ILLINOIS	ROUTE	SECTION	SHEET
	C.H. 8	04-00361-00-PV	40 OF 56
	HONONEGAH ROAD		



HONONEGAH ROAD
CROSS-SECTION

Contract 85516

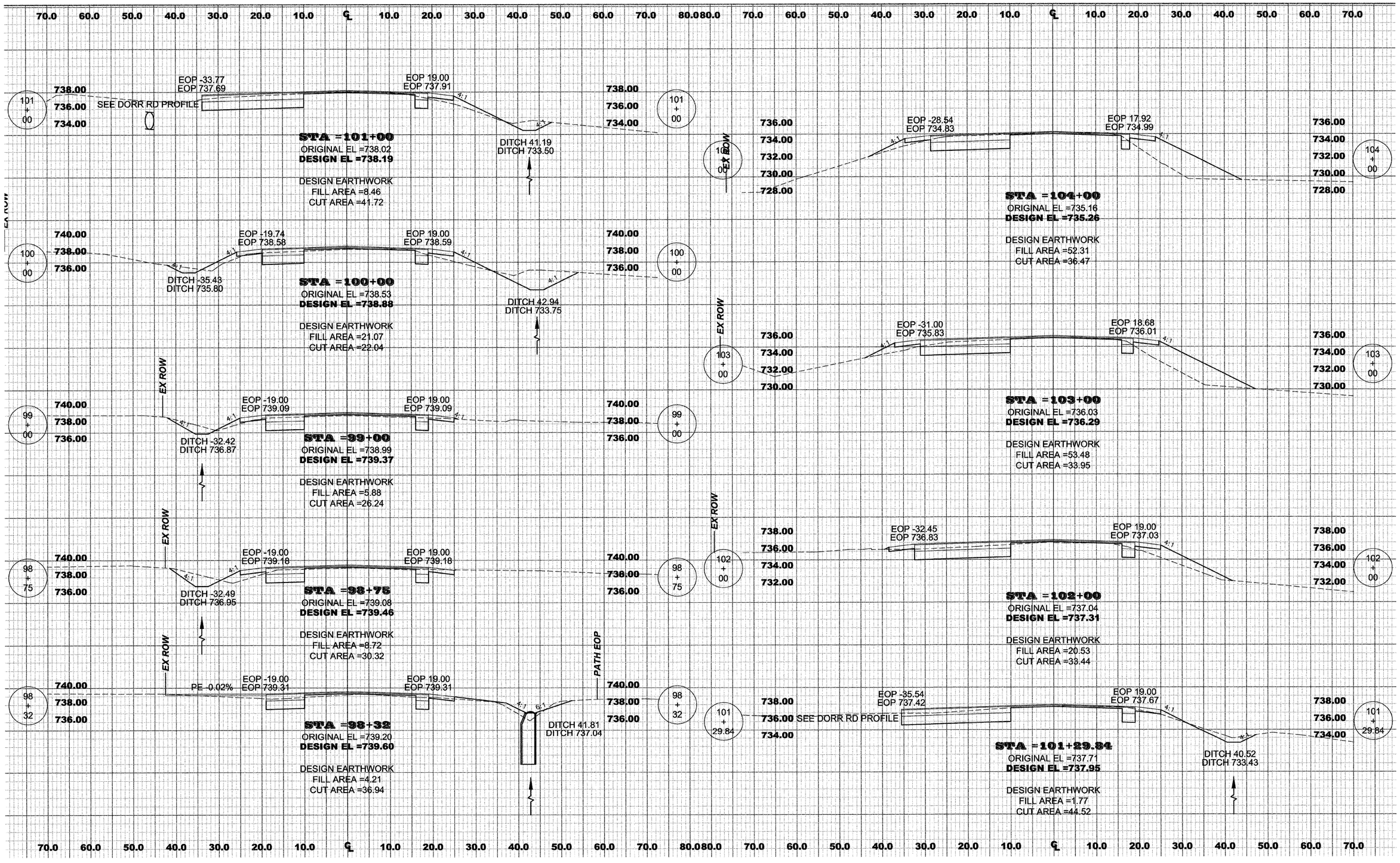
WINNEBAGO COUNTY ILLINOIS	ROUTE	SECTION	SHEET
	C.H. 8	04-00361-00-PV	41 OF 56
	HONONEGAH ROAD		



HONONEGAH ROAD
CROSS-SECTION

Contract 85516

WINNEBAGO COUNTY ILLINOIS	ROUTE	SECTION	SHEET
	C.H. 8	04-00361-00-PV	42 OF 56
	HONONEGAH ROAD		



HONONEGAH ROAD
CROSS-SECTION

Contract 85516

WINNEBAGO COUNTY ILLINOIS	ROUTE	SECTION	SHEET
	C.H. 8	04-00361-00-PV	43 OF 56
	HONONEGAH ROAD		

70.0 60.0 50.0 40.0 30.0 20.0 10.0 ℄ 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0

STA =110+00

ORIGINAL EL =738.32
DESIGN EL =738.57

DESIGN EARTHWORK
FILL AREA =4.53
CUT AREA =14.89

EX ROW — 110 + 00 — 738.00 / 736.00 / 734.00 / 732.00

EOP -17.07 EOP 738.31
EOP 11.03 EOP 738.40

738.00 / 736.00 / 734.00 / 732.00 — 113 + 00

BRIDGE OMISSION:
STA 107+33.13 to 109+41.78

SHOULDER GRADING TO ACCOMODATE GUARDRAIL PER IDOT STANDARD DRAWING 630001 & 630301

STA =107+00

ORIGINAL EL =734.45
DESIGN EL =734.61

DESIGN EARTHWORK
FILL AREA =24.04
CUT AREA =13.41

EX ROW — 107 + 00 — 734.00 / 732.00 / 730.00 / 728.00

EOP -15.80 EOP 734.37
EOP 14.46 EOP 734.39

734.00 / 732.00 / 730.00 / 728.00 — 112 + 30.77

STA =106+00

ORIGINAL EL =733.79
DESIGN EL =734.04

DESIGN EARTHWORK
FILL AREA =52.61
CUT AREA =19.13

EX ROW — 106 + 00 — 734.00 / 732.00 / 730.00 / 728.00 / 726.00

EOP -18.11 EOP 733.77
EOP 16.00 EOP 733.80

734.00 / 732.00 / 730.00 / 728.00 / 726.00 — 112 + 00

STA =105+00

ORIGINAL EL =734.17
DESIGN EL =734.31

DESIGN EARTHWORK
FILL AREA =32.11
CUT AREA =33.62

EX ROW — 105 + 00 — 734.00 / 732.00 / 730.00 / 728.00

EOP -22.54 EOP 733.98
EOP 17.15 EOP 734.06

734.00 / 732.00 / 730.00 / 728.00 — 111 + 00

STA =113+00

ORIGINAL EL =749.53
DESIGN EL =749.78

DESIGN EARTHWORK
FILL AREA =1.87
CUT AREA =34.71

EX ROW — 113 + 00 — 756.00 / 754.00 / 752.00 / 750.00 / 748.00

EOP -18.50 EOP 749.50
EOP 19.00 EOP 749.49

PATH EOP — 756.00 / 754.00 / 752.00 / 750.00 / 748.00 — 113 + 00

STA =112+30.77

ORIGINAL EL =746.07
DESIGN EL =746.33

DESIGN EARTHWORK
FILL AREA =1.51
CUT AREA =33.76

EX ROW — 112 + 30.77 — 756.00 / 754.00 / 752.00 / 750.00 / 748.00 / 746.00 / 744.00

EOP -18.17 EOP 746.05
EOP 18.57 EOP 746.05

PATH EOP — 756.00 / 754.00 / 752.00 / 750.00 / 748.00 / 746.00 / 744.00 — 112 + 30.77

STA =112+00

ORIGINAL EL =744.76
DESIGN EL =745.01

DESIGN EARTHWORK
FILL AREA =1.87
CUT AREA =31.20

EX ROW — 112 + 00 — 750.00 / 748.00 / 746.00 / 744.00 / 742.00

EOP -17.62 EOP 744.74
EOP 17.96 EOP 744.74

PATH EOP — 750.00 / 748.00 / 746.00 / 744.00 / 742.00 — 112 + 00

STA =111+00

ORIGINAL EL =741.10
DESIGN EL =741.35

DESIGN EARTHWORK
FILL AREA =29.39
CUT AREA =13.90

EX ROW — 111 + 00 — 742.00 / 740.00 / 738.00 / 736.00

EOP -18.00 EOP 741.08
EOP 13.85 EOP 741.14

742.00 / 740.00 / 738.00 / 736.00 — 111 + 00

70.0 60.0 50.0 40.0 30.0 20.0 10.0 ℄ 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0

HONONEGAH ROAD
CROSS-SECTION

Contract 85516

WINNEBAGO COUNTY ILLINOIS	ROUTE	SECTION	SHEET
	C.H. 8	04-00361-00-PV	44 OF 56
	HONONEGAH ROAD		

70.0 60.0 50.0 40.0 30.0 20.0 10.0 ℄ 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0

STA =115+00
ORIGINAL EL =756.08
DESIGN EL =756.44

DESIGN EARTHWORK
FILL AREA =5.88
CUT AREA =30.32

760.00 / 758.00 / 756.00 / 754.00 — 115 + 00 — EX ROW — EOP -18.75 EOP 756.16 — 4:1 — DITCH -35.04 DITCH 753.23 — EOP 19.00 EOP 756.16 — 16.66% — PATH EOP

STA =114+11.85
ORIGINAL EL =753.78
DESIGN EL =754.11

DESIGN EARTHWORK
FILL AREA =3.09
CUT AREA =31.78

758.00 / 756.00 / 754.00 / 752.00 — 114 + 11.85 — EX ROW — SEE McCURRY RD PROFILE — EOP -17.78 EOP 753.84 — EOP 19.00 EOP 753.82 — 4.45% — PATH EOP

STA =114+00
ORIGINAL EL =753.50
DESIGN EL =753.75

DESIGN EARTHWORK
FILL AREA =2.04
CUT AREA =32.01

758.00 / 756.00 / 754.00 / 752.00 — 114 + 00 — EX ROW — 4:1 — EOP -17.75 EOP 753.48 — EOP 19.00 EOP 753.46 — 9.3% — PATH EOP

STA =113+99
ORIGINAL EL =753.47
DESIGN EL =753.71

DESIGN EARTHWORK
FILL AREA =1.62
CUT AREA =31.78

758.00 / 756.00 / 754.00 / 752.00 — 113 + 99 — EX ROW — 4:1 — EOP -17.75 EOP 753.45 — EOP 19.00 EOP 753.43 — PE +5.16% — PATH EOP

STA =117+00
ORIGINAL EL =757.82
DESIGN EL =758.06

DESIGN EARTHWORK
FILL AREA =7.32
CUT AREA =23.85

760.00 / 758.00 / 756.00 / 754.00 — 117 + 00 — EX ROW — 3:1 — DITCH -38.59 DITCH 754.02 — 4:1 — EOP -18.99 EOP 757.78 — EOP 19.01 EOP 757.78 — 3:1 — 6:1 — PATH EOP — DITCH 27.86 DITCH 756.47

STA =116+00
ORIGINAL EL =757.29
DESIGN EL =757.79

DESIGN EARTHWORK
FILL AREA =11.62
CUT AREA =22.60

758.00 / 756.00 / 754.00 — 116 + 00 — EX ROW — 4:1 — DITCH -38.92 DITCH 753.66 — EOP -18.99 EOP 757.50 — EOP 19.01 EOP 757.50 — 3:1 — 6:1 — PATH EOP — DITCH 27.30 DITCH 756.38

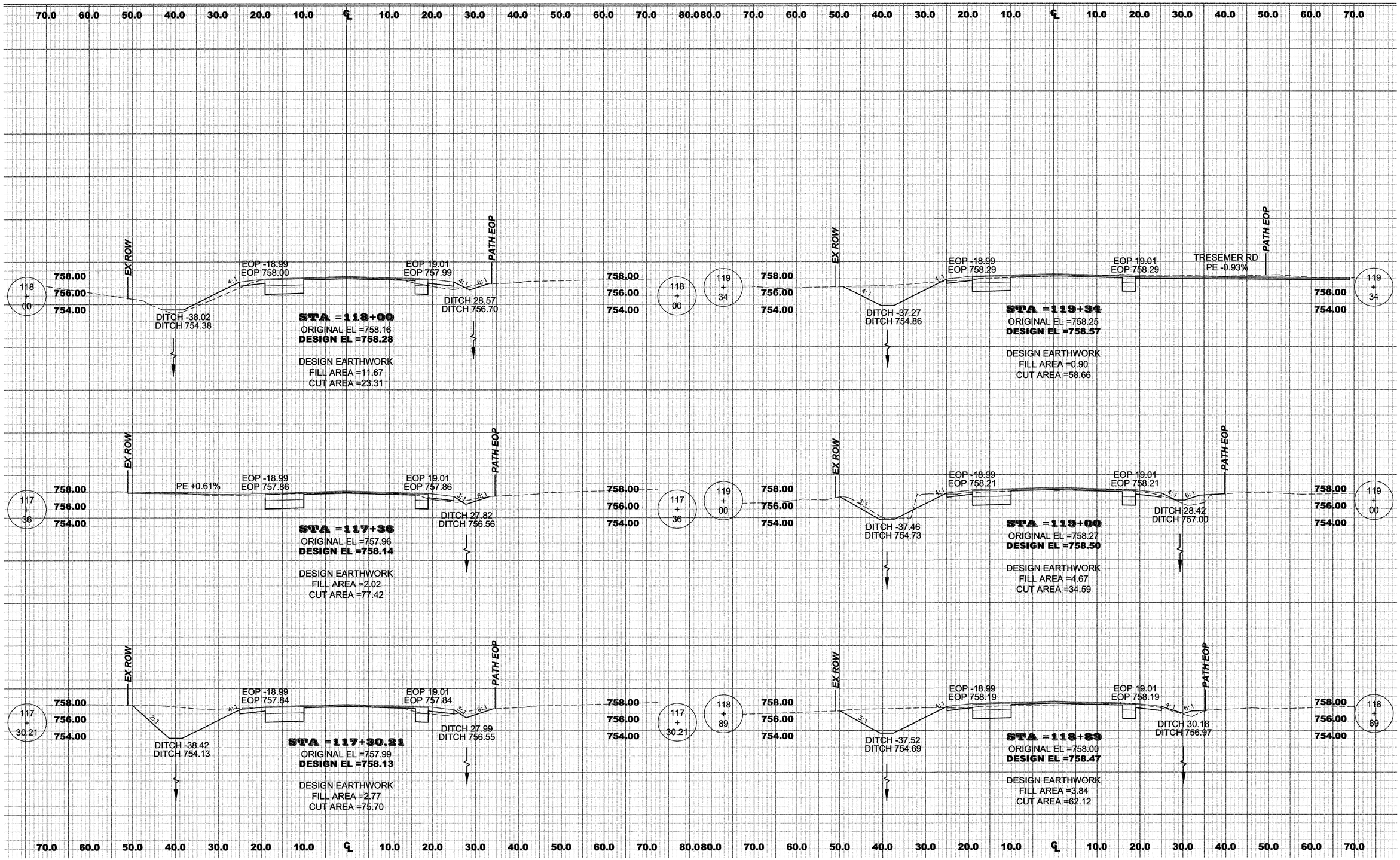
STA =115+74
ORIGINAL EL =757.07
DESIGN EL =757.58

DESIGN EARTHWORK
FILL AREA =6.06
CUT AREA =87.27

758.00 / 756.00 / 754.00 — 115 + 74 — EX ROW — PE +2.36% — EOP -18.99 EOP 757.29 — EOP 19.01 EOP 757.29 — PATH EOP

70.0 60.0 50.0 40.0 30.0 20.0 10.0 ℄ 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0

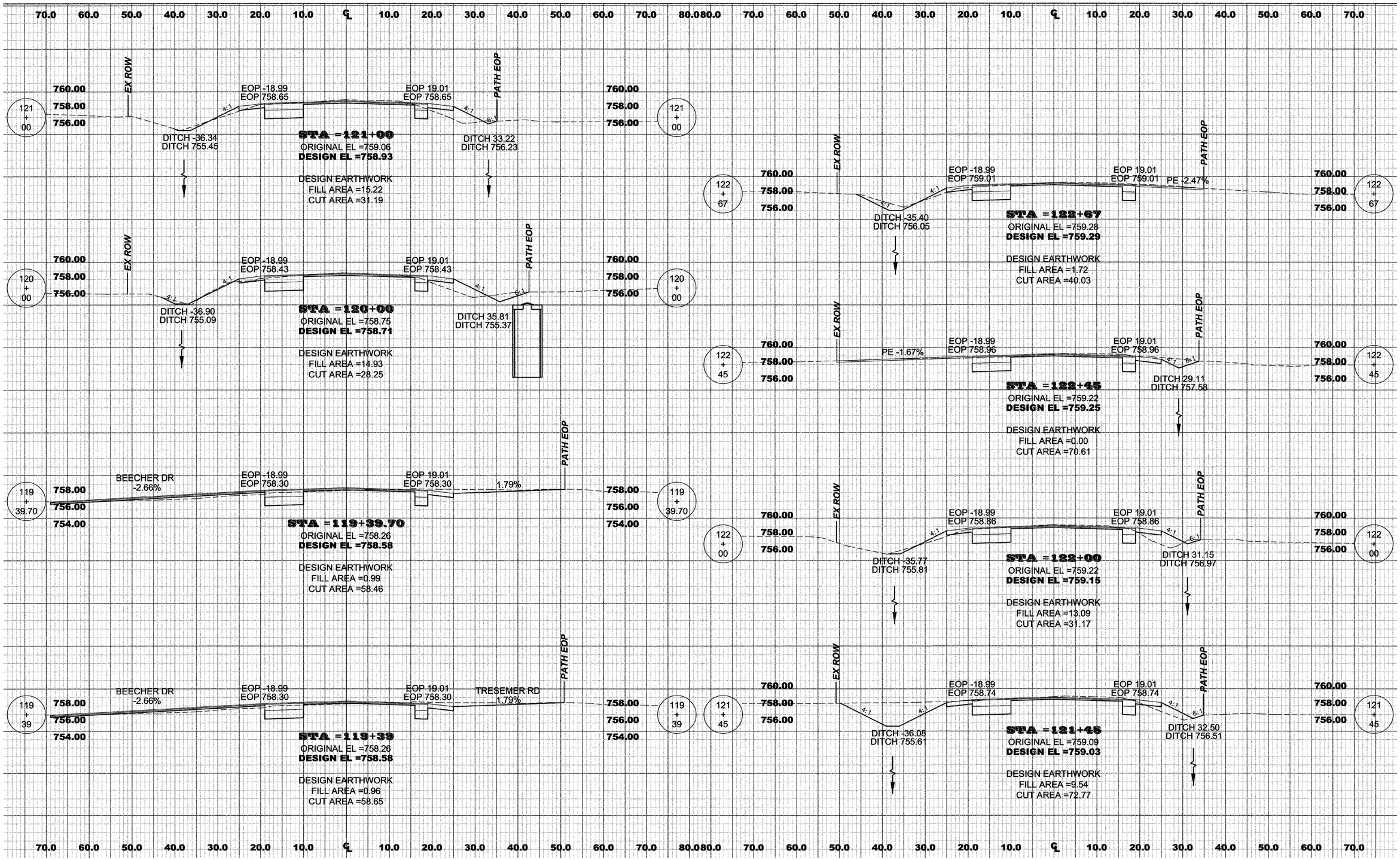
HONONEGAH ROAD
CROSS-SECTION



HONONEGAH ROAD
CROSS-SECTION

Contract 85516

WINNEBAGO COUNTY ILLINOIS	ROUTE	SECTION	SHEET
	C.H. 8	04-00361-00-PV	46 OF 56
	HONONEGAH ROAD		



HONONEGAH ROAD
CROSS-SECTION

Contract 85516

WINNEBAGO COUNTY ILLINOIS	ROUTE	SECTION	SHEET
	C.H. 8	04-00361-00-PV	47 OF 56
	HONONEGAH ROAD		

70.0 60.0 50.0 40.0 30.0 20.0 10.0 ℄ 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0

STA =124+45
ORIGINAL EL =759.61
DESIGN EL =759.68
DESIGN EARTHWORK
FILL AREA =2.52
CUT AREA =48.43

760.00 / 758.00 / 756.00 — 124 + 45 — EX ROW — PE -1.95% — EOP -18.99 EOP 759.39 — EOP 19.01 EOP 759.39 — PATH EOP — DITCH 29.31 DITCH 757.96

STA =124+00
ORIGINAL EL =759.59
DESIGN EL =759.58
DESIGN EARTHWORK
FILL AREA =5.69
CUT AREA =31.56

760.00 / 758.00 / 756.00 — 124 + 00 — EX ROW — 4:1 — 4:1 — DITCH -34.30 DITCH 756.61 — EOP -18.99 EOP 759.30 — EOP 19.01 EOP 759.30 — PATH EOP — DITCH 29.97 DITCH 757.70

STA =123+49
ORIGINAL EL =759.37
DESIGN EL =759.47
DESIGN EARTHWORK
FILL AREA =4.73
CUT AREA =46.93

760.00 / 758.00 / 756.00 — 123 + 49 — EX ROW — PE -3.31% — EOP -18.99 EOP 759.19 — EOP 19.01 EOP 759.19 — PATH EOP — DITCH 30.35 DITCH 757.49

STA =123+00
ORIGINAL EL =759.24
DESIGN EL =759.36
DESIGN EARTHWORK
FILL AREA =1.33
CUT AREA =30.27

760.00 / 758.00 / 756.00 — 123 + 00 — EX ROW — 4:1 — 4:1 — DITCH -35.21 DITCH 756.17 — EOP -18.99 EOP 759.08 — EOP 19.01 EOP 759.08 — PATH EOP — 3:1 — 6:1 — DITCH 29.26 DITCH 757.30

760.00 / 758.00 / 756.00 — 124 + 45 — 126 + 00 — EX ROW — 4:1 — 4:1 — DITCH -31.75 DITCH 757.61 — EOP -18.99 EOP 759.66 — EOP 19.01 EOP 759.66 — PATH EOP — DITCH 29.12 DITCH 758.27

STA =126+00
ORIGINAL EL =759.71
DESIGN EL =759.94
DESIGN EARTHWORK
FILL AREA =2.72
CUT AREA =29.25

760.00 / 758.00 / 756.00 — 124 + 00 — 125 + 51 — EX ROW — PE -3.47% — EOP -18.99 EOP 759.60 — EOP 19.01 EOP 759.59 — PATH EOP — DITCH 27.40 DITCH 758.64

STA =125+51
ORIGINAL EL =759.67
DESIGN EL =759.88
DESIGN EARTHWORK
FILL AREA =0.17
CUT AREA =39.06

760.00 / 758.00 / 756.00 — 123 + 49 — 125 + 42 — EX ROW — 4:1 — 4:1 — DITCH -32.60 DITCH 757.32 — EOP -18.99 EOP 759.58 — EOP 19.01 EOP 759.58 — PE -2.79% — PATH EOP

STA =125+42
ORIGINAL EL =759.68
DESIGN EL =759.87
DESIGN EARTHWORK
FILL AREA =0.04
CUT AREA =37.13

760.00 / 758.00 / 756.00 — 123 + 00 — 125 + 00 — EX ROW — 4:1 — 4:1 — DITCH -33.15 DITCH 757.11 — EOP -18.99 EOP 759.51 — EOP 19.01 EOP 759.51 — PATH EOP — DITCH 28.45 DITCH 758.29

STA =125+00
ORIGINAL EL =759.77
DESIGN EL =759.79
DESIGN EARTHWORK
FILL AREA =1.22
CUT AREA =30.66

70.0 60.0 50.0 40.0 30.0 20.0 10.0 ℄ 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0

HONONEGAH ROAD
CROSS-SECTION

Contract 85516

WINNEBAGO COUNTY ILLINOIS	ROUTE	SECTION	SHEET
	C.H. 8	04-00361-00-PV	48 OF 56
	HONONEGAH ROAD		

70.0 60.0 50.0 40.0 30.0 20.0 10.0 ℄ 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0

762.00 / 760.00 / 758.00

127 + 67.50

EX ROW

DITCH -30.53
DITCH 758.00

EOP -19.00
EOP 759.74

EOP 19.00
EOP 759.74

WAGON LANE
-1.77%

PATH EOP

762.00 / 760.00 / 758.00

127 + 67.50

130 + 00

STA =127+67.50
ORIGINAL EL =759.60
DESIGN EL =760.03

DESIGN EARTHWORK
FILL AREA =10.12
CUT AREA =19.42

80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 ℄ 10.0 20.0 30.0 40.0 50.0 60.0 70.0

760.00 / 758.00 / 756.00

EX ROW

DITCH -34.24
DITCH 756.84

EOP -19.00
EOP 759.51

EOP 19.00
EOP 759.51

PATH EOP

DITCH 28.98
DITCH 757.82

760.00 / 758.00 / 756.00

130 + 00

STA =130+00
ORIGINAL EL =759.54
DESIGN EL =759.79

DESIGN EARTHWORK
FILL AREA =14.63
CUT AREA =17.12

762.00 / 760.00 / 758.00

127 + 56

EX ROW

PE -3.08%

EOP -19.00
EOP 759.74

EOP 19.00
EOP 759.74

PATH EOP

762.00 / 760.00 / 758.00

127 + 56

129 + 24

STA =127+56
ORIGINAL EL =759.61
DESIGN EL =760.03

DESIGN EARTHWORK
FILL AREA =4.70
CUT AREA =22.86

760.00 / 758.00 / 756.00

EX ROW

PE -2.75%

EOP -19.00
EOP 759.63

EOP 19.00
EOP 759.63

PATH EOP

DITCH 30.08
DITCH 758.00

760.00 / 758.00 / 756.00

129 + 24

STA =129+24
ORIGINAL EL =759.58
DESIGN EL =759.91

DESIGN EARTHWORK
FILL AREA =6.44
CUT AREA =32.77

762.00 / 760.00 / 758.00

127 + 00

EX ROW

DITCH -30.06
DITCH 758.11

EOP -19.00
EOP 759.74

EOP 19.00
EOP 759.73

PATH EOP

DITCH 32.50
DITCH 757.50

762.00 / 760.00 / 758.00

127 + 00

129 + 00

STA =127+00
ORIGINAL EL =759.76
DESIGN EL =760.02

DESIGN EARTHWORK
FILL AREA =6.54
CUT AREA =20.82

760.00 / 758.00 / 756.00

EX ROW

DITCH -32.84
DITCH 757.34

EOP -19.00
EOP 759.66

EOP 19.00
EOP 759.66

PATH EOP

DITCH 29.19
DITCH 757.90

760.00 / 758.00 / 756.00

129 + 00

STA =129+00
ORIGINAL EL =759.68
DESIGN EL =759.94

DESIGN EARTHWORK
FILL AREA =13.10
CUT AREA =16.46

760.00 / 758.00 / 756.00

126 + 42

EX ROW

PE -4.11%

EOP -19.00
EOP 759.70

EOP 19.01
EOP 759.70

PATH EOP

DITCH 30.37
DITCH 758.00

760.00 / 758.00 / 756.00

126 + 42

128 + 00

STA =126+42
ORIGINAL EL =759.70
DESIGN EL =759.99

DESIGN EARTHWORK
FILL AREA =2.88
CUT AREA =25.83

762.00 / 760.00 / 758.00

EX ROW

DITCH -31.14
DITCH 757.84

EOP -19.00
EOP 759.73

EOP 19.00
EOP 759.73

PATH EOP

DITCH 33.46
DITCH 757.26

762.00 / 760.00 / 758.00

128 + 00

STA =128+00
ORIGINAL EL =759.67
DESIGN EL =760.02

DESIGN EARTHWORK
FILL AREA =11.82
CUT AREA =17.18

70.0 60.0 50.0 40.0 30.0 20.0 10.0 ℄ 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0

HONONEGAH ROAD
CROSS-SECTION

Contract 85516

WINNEBAGO COUNTY ILLINOIS	ROUTE	SECTION	SHEET
	C.H. 8	04-00361-00-PV	49 OF 56
	HONONEGAH ROAD		

70.0 60.0 50.0 40.0 30.0 20.0 10.0 ℄ 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0

STA =132+00
ORIGINAL EL =758.71
DESIGN EL =759.26

DESIGN EARTHWORK
FILL AREA =8.99
CUT AREA =37.26

760.00 / 758.00 / 756.00 — 132 + 00 — EX ROW — EOP -19.00 EOP 758.98 — EOP 19.00 EOP 758.98 — PATH EOP — DITCH -36.12 DITCH 755.84 — 4:1 — 6:1

STA =131+87.20
ORIGINAL EL =758.61
DESIGN EL =759.31

DESIGN EARTHWORK
FILL AREA =9.77
CUT AREA =41.88

760.00 / 758.00 / 756.00 — 131 + 87.20 — EX ROW — FRANCES LANE -3.39% — EOP -19.00 EOP 759.02 — EOP 19.00 EOP 759.02 — PATH EOP — 4:1 — 6:1

STA =131+00
ORIGINAL EL =759.11
DESIGN EL =759.57

DESIGN EARTHWORK
FILL AREA =24.88
CUT AREA =15.25

760.00 / 758.00 / 756.00 — 131 + 00 — EX ROW — EOP -19.00 EOP 759.28 — EOP 19.00 EOP 759.28 — PATH EOP (EX.) PATH EOP (PR.) — DITCH -35.33 DITCH 756.34 — DITCH 31.75 DITCH 757.23 — 4:1 — 6:1

STA =130+48
ORIGINAL EL =759.27
DESIGN EL =759.69

DESIGN EARTHWORK
FILL AREA =9.45
CUT AREA =36.23

760.00 / 758.00 / 756.00 — 130 + 48 — EX ROW — PE -3.88% — EOP -19.00 EOP 759.41 — EOP 19.00 EOP 759.41 — PATH EOP (EX.) PATH EOP (PR.) — DITCH 31.49 DITCH 757.43 — 4:1 — 6:1

STA =134+03
ORIGINAL EL =757.95
DESIGN EL =758.42

DESIGN EARTHWORK
FILL AREA =14.24
CUT AREA =24.29

758.00 / 756.00 / 754.00 — 134 + 03 — EX ROW — EOP -19.00 EOP 758.13 — EOP 19.00 EOP 758.13 PE -4.93% — PATH EOP — DITCH -36.80 DITCH 754.82 — 4:1

STA =134+00
ORIGINAL EL =758.01
DESIGN EL =758.43

DESIGN EARTHWORK
FILL AREA =9.14
CUT AREA =20.84

758.00 / 756.00 / 754.00 — 134 + 00 — EX ROW — EOP -19.00 EOP 758.15 — EOP 19.00 EOP 758.15 — PATH EOP — DITCH -36.80 DITCH 754.84 — DITCH 27.94 DITCH 756.67 — 4:1 — 6:1

STA =133+00
ORIGINAL EL =758.48
DESIGN EL =758.89

DESIGN EARTHWORK
FILL AREA =20.95
CUT AREA =15.19

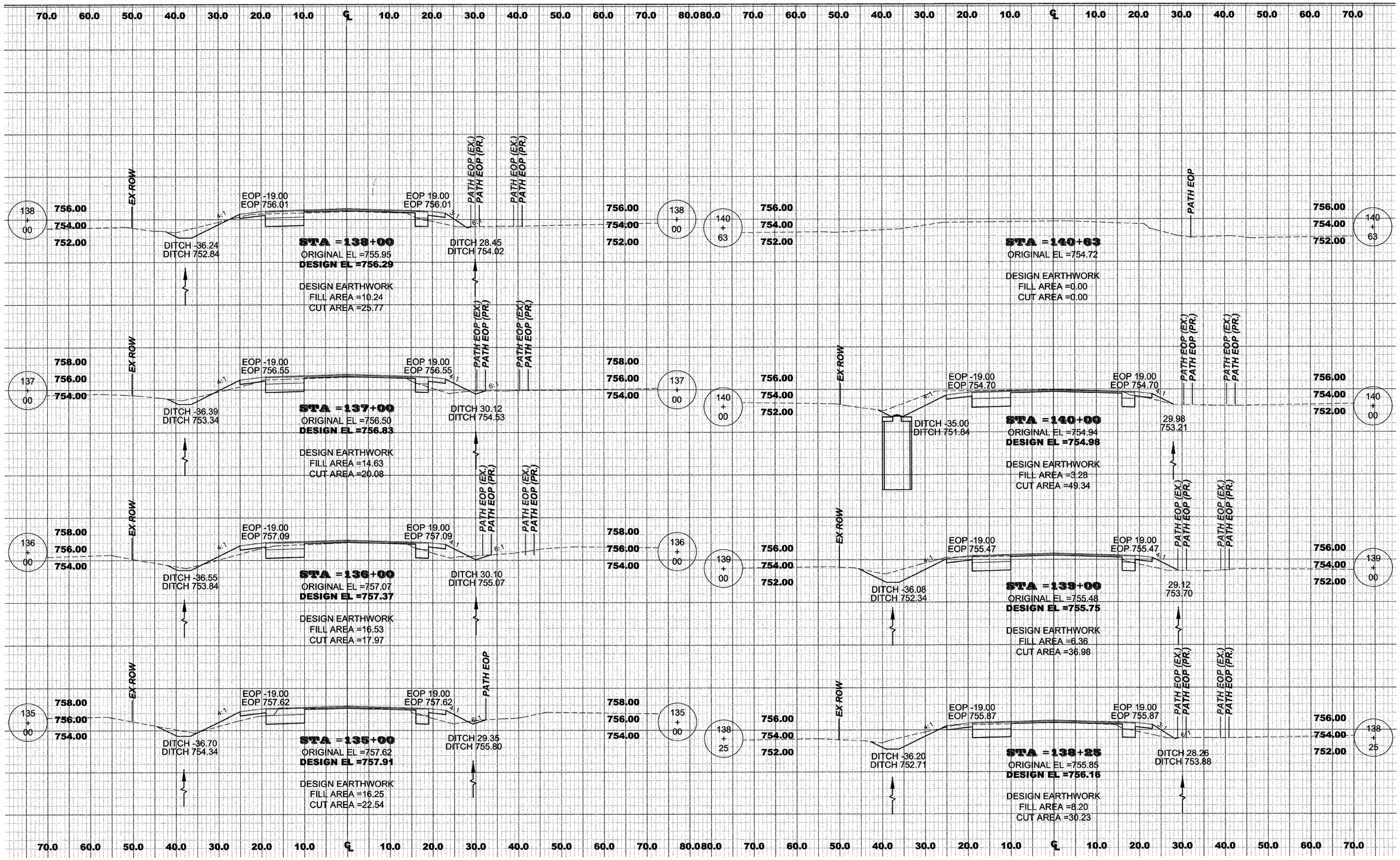
760.00 / 758.00 / 756.00 — 133 + 00 — EX ROW — EOP -19.00 EOP 758.60 — EOP 19.00 EOP 758.60 — PATH EOP — DITCH -36.61 DITCH 755.34 — DITCH 30.76 DITCH 756.80 — 4:1 — 6:1

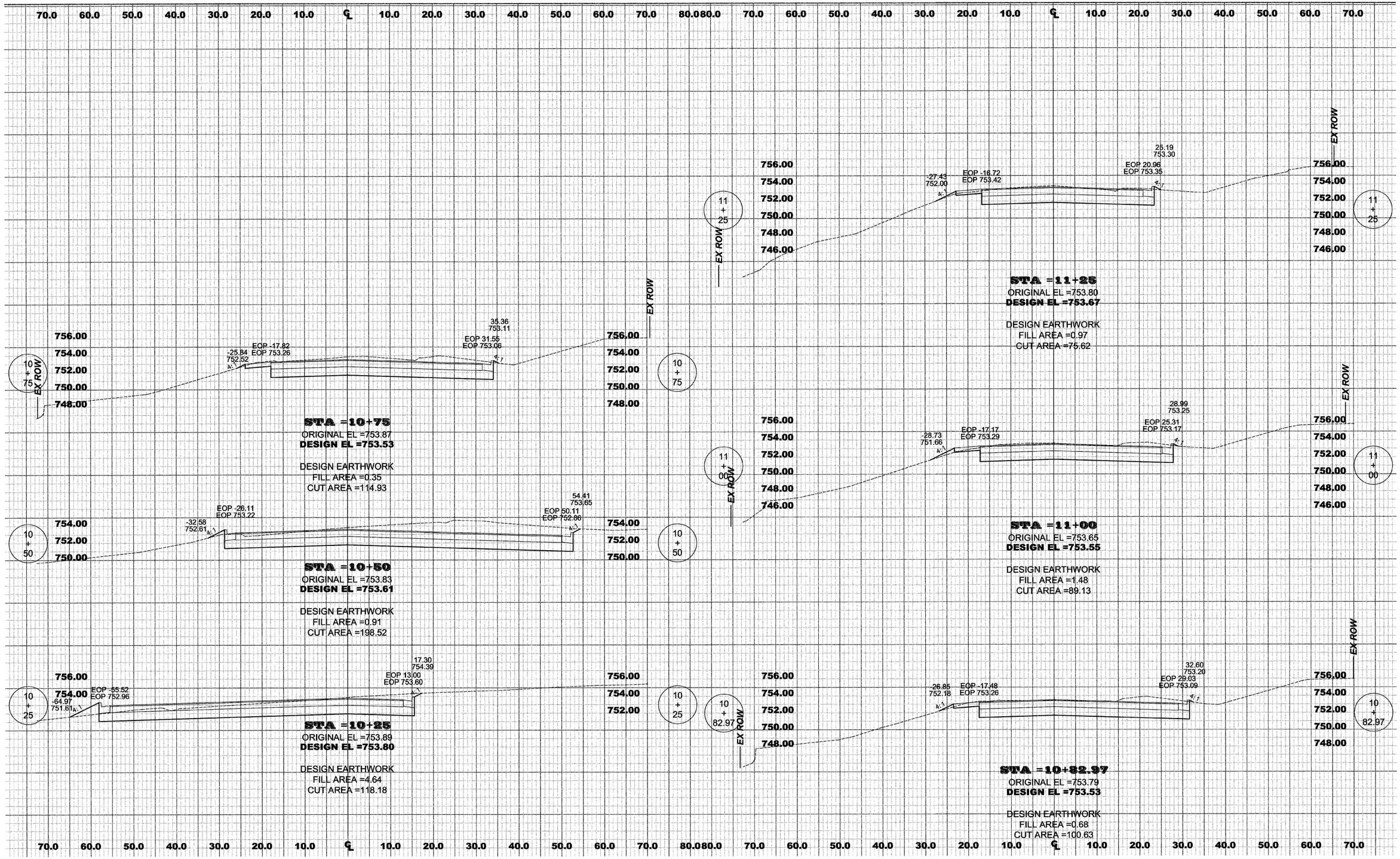
STA =132+04.30
ORIGINAL EL =758.54
DESIGN EL =759.25

DESIGN EARTHWORK
FILL AREA =11.18
CUT AREA =34.40

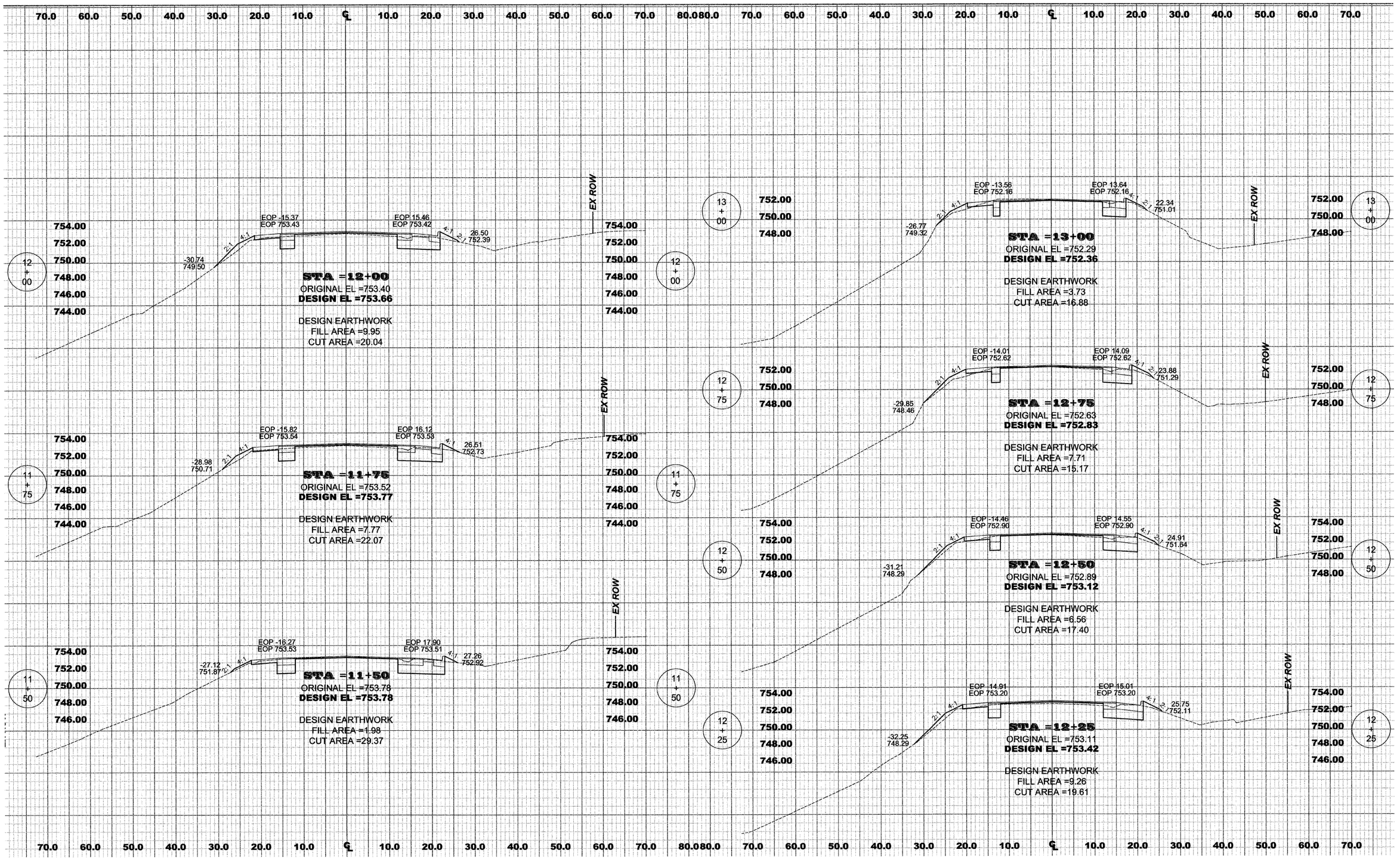
760.00 / 758.00 / 756.00 — 132 + 04.30 — EX ROW — EOP -19.00 EOP 758.96 — EOP 19.00 EOP 758.96 — BLUE SPRUCE DR -3.18% — PATH EOP — DITCH -36.15 DITCH 755.82 — 4:1

HONONEGAH ROAD
CROSS-SECTION


STA =138+00
ORIGINAL EL =755.95
DESIGN EL =756.29
DESIGN EARTHWORK
FILL AREA =10.24
CUT AREA =25.77
DITCH -36.24
DITCH 752.84
DITCH 28.45
DITCH 754.02
EOP -19.00
EOP 756.01
EOP 19.00
EOP 756.01
STA =140+63
ORIGINAL EL =754.72
DESIGN EARTHWORK
FILL AREA =0.00
CUT AREA =0.00
STA =137+00
ORIGINAL EL =756.50
DESIGN EL =756.83
DESIGN EARTHWORK
FILL AREA =14.63
CUT AREA =20.08
DITCH -36.39
DITCH 753.34
DITCH 30.12
DITCH 754.53
EOP -19.00
EOP 756.55
EOP 19.00
EOP 756.55
STA =140+00
ORIGINAL EL =754.94
DESIGN EL =754.98
DESIGN EARTHWORK
FILL AREA =3.28
CUT AREA =49.34
DITCH -35.00
DITCH 751.84
29.98
753.21
EOP -19.00
EOP 754.70
EOP 19.00
EOP 754.70
STA =136+00
ORIGINAL EL =757.07
DESIGN EL =757.37
DESIGN EARTHWORK
FILL AREA =16.53
CUT AREA =17.97
DITCH -36.55
DITCH 753.84
DITCH 30.10
DITCH 755.07
EOP -19.00
EOP 757.09
EOP 19.00
EOP 757.09
STA =139+00
ORIGINAL EL =755.48
DESIGN EL =755.75
DESIGN EARTHWORK
FILL AREA =6.36
CUT AREA =36.98
DITCH -36.08
DITCH 752.34
29.12
753.70
EOP -19.00
EOP 755.47
EOP 19.00
EOP 755.47
STA =135+00
ORIGINAL EL =757.62
DESIGN EL =757.91
DESIGN EARTHWORK
FILL AREA =16.25
CUT AREA =22.54
DITCH -36.70
DITCH 754.34
DITCH 29.35
DITCH 755.80
EOP -19.00
EOP 757.62
EOP 19.00
EOP 757.62
STA =138+25
ORIGINAL EL =755.85
DESIGN EL =756.16
DESIGN EARTHWORK
FILL AREA =8.20
CUT AREA =30.23
DITCH -36.20
DITCH 752.71
DITCH 28.26
DITCH 753.88
EOP -19.00
EOP 755.87
EOP 19.00
EOP 755.87
EX ROW
PATH EOP (EX.)
PATH EOP (PR.)
PATH EOP
4:1
6:1
70.0 60.0 50.0 40.0 30.0 20.0 10.0 ℄ 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0



McCURRY ROAD
CROSS-SECTION



McCURRY ROAD
CROSS-SECTION

Contract 85516

WINNEBAGO COUNTY ILLINOIS	ROUTE	SECTION	SHEET
	C.H. 58	04-00361-00-PV	53 OF 56
	DORR ROAD		

70.0 60.0 50.0 40.0 30.0 20.0 10.0 ℄ 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0

EX ROW

21 + 25.34

738.00
736.00
734.00

EOP -16.00
EOP 737.67

DITCH -32.00
DITCH 734.81

EOP 23.41
EOP 737.56

CE -3.17%

EX ROW

738.00
736.00
734.00

21 + 25.34

STA =21+25.34
ORIGINAL EL =737.30
DESIGN EL =737.91

DESIGN EARTHWORK
FILL AREA =18.44
CUT AREA =69.06

CONTRACTOR SHALL VERIFY LOCATION & ELEVATION OF EXISTING STORM SEWER BEFORE CONSTRUCTING ANY PROPOSED STORM SEWER DETAILED ON THE PLANS. ANY NECESSARY ADJUSTMENTS SHALL BE APPROVED BY THE ENGINEER

EX ROW

21 + 67

740.00
738.00
736.00

EOP -14.77
EOP 738.19

EOP 16.72
EOP 738.16

CE -0.58%

EX ROW

740.00
738.00
736.00

21 + 67

STA =21+67
ORIGINAL EL =737.82
DESIGN EL =738.41

DESIGN EARTHWORK
FILL AREA =6.48
CUT AREA =86.65

21 + 00

738.00
736.00
734.00

EOP -16.00
EOP 737.32

4:1

DITCH -32.00
DITCH 734.46

EOP 27.02
EOP 737.16

EX ROW

738.00
736.00
734.00

21 + 00

STA =21+00
ORIGINAL EL =736.85
DESIGN EL =737.56

DESIGN EARTHWORK
FILL AREA =16.60
CUT AREA =98.17

EX ROW

21 + 50

738.00
736.00
734.00

EOP -15.39
EOP 738.01

EOP 19.25
EOP 737.96

EX ROW

738.00
736.00
734.00

21 + 50

DITCH -31.39
DITCH 735.15

STA =21+50
ORIGINAL EL =737.75
DESIGN EL =738.24

DESIGN EARTHWORK
FILL AREA =20.88
CUT AREA =51.91

20 + 80

738.00
736.00
734.00

EOP -19.95
EOP 737.11

4:1

DITCH -35.95
DITCH 734.25

EOP 29.25
EOP 736.97

CE -2.27%

EX ROW

738.00
736.00
734.00

20 + 80

STA =20+80
ORIGINAL EL =736.49
DESIGN EL =737.41

DESIGN EARTHWORK
FILL AREA =19.26
CUT AREA =117.97

EX ROW

21 + 30

738.00
736.00
734.00

EOP -15.97
EOP 737.74

4:1

DITCH -31.97
DITCH 734.88

EOP 22.58
EOP 737.65

CE -3.17%

EX ROW

738.00
736.00
734.00

21 + 30

STA =21+30
ORIGINAL EL =737.38
DESIGN EL =737.98

DESIGN EARTHWORK
FILL AREA =19.63
CUT AREA =64.43

20 + 50

738.00
736.00
734.00

EOP -37.70
EOP 736.81

4:1

DITCH -53.70
DITCH 733.95

EOP 39.17
EOP 736.79

738.00
736.00
734.00

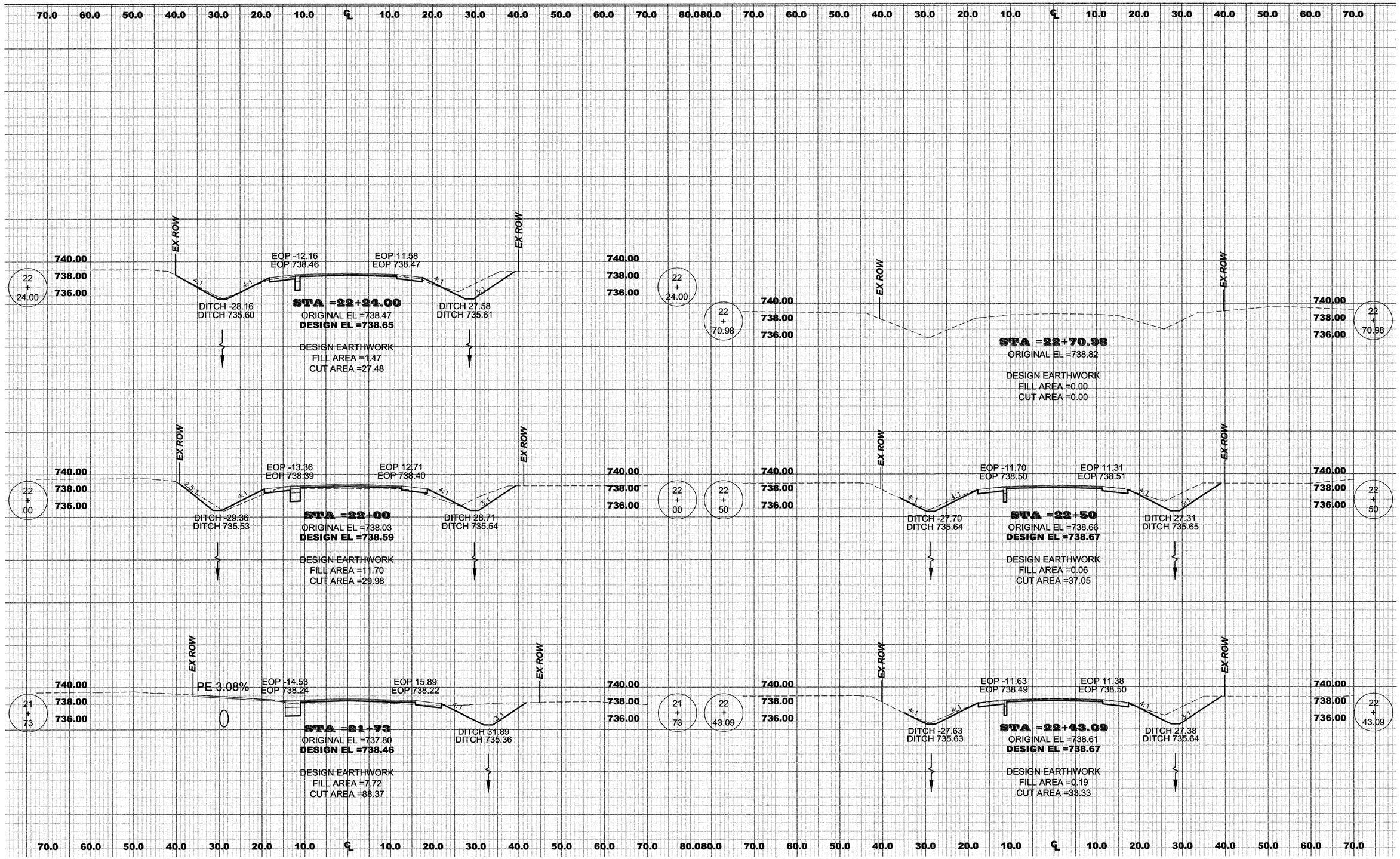
20 + 50

STA =20+50
ORIGINAL EL =736.76
DESIGN EL =737.37

DESIGN EARTHWORK
FILL AREA =6.80
CUT AREA =152.85

70.0 60.0 50.0 40.0 30.0 20.0 10.0 ℄ 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0

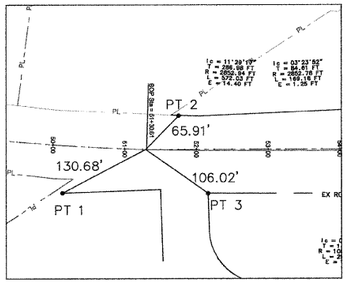
DORR ROAD
CROSS-SECTION



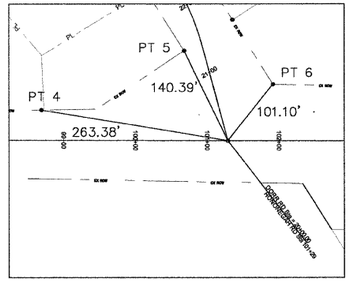
DORR ROAD
CROSS-SECTION

WINNEBAGO COUNTY ILLINOIS	ROUTE	SECTION	SHEET
	8	04-00361-00-PV	55 of 56
	DETAIL: CENTERLINE CONTROL		

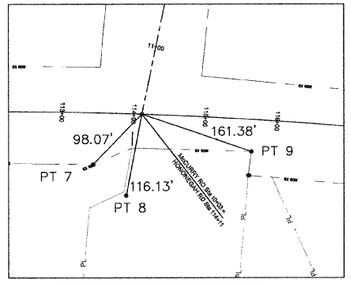
Contract 85516



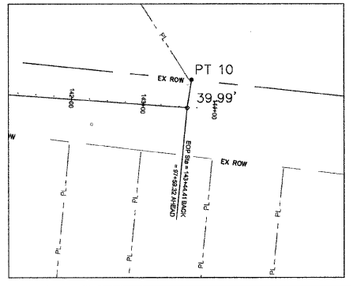
BOP (HONONEGAH ROAD)		
	NORTHING	EASTING
PT 1 (FOUND IRON BAR)	2596411.464	2107912.541
PT 2 (FOUND IRON BAR)	2596605.793	2107921.744
PT 3 (FOUND IRON BAR)	2596585.041	2107807.658



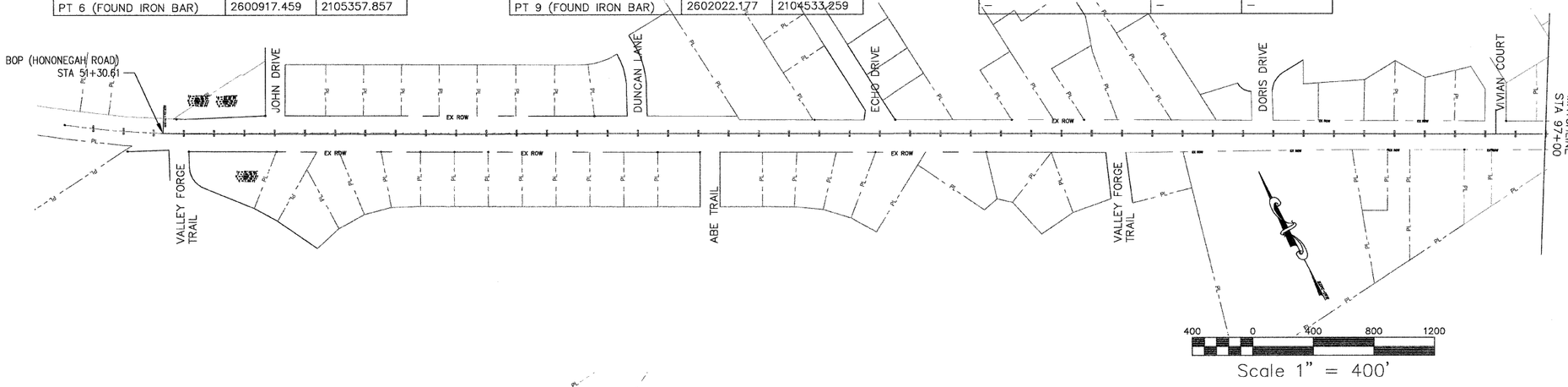
HONONEGAH ROAD/DORR ROAD		
	NORTHING	EASTING
PT 4 (FOUND IRON BAR)	2600622.188	2105493.008
PT 5 (FOUND IRON BAR)	2600835.777	2105462.142
PT 6 (FOUND IRON BAR)	2600917.459	2105357.857



HONONEGAH ROAD/McCURRY ROAD		
	NORTHING	EASTING
PT 7 (FOUND IRON BAR)	2601823.830	2104631.396
PT 8 (FOUND IRON BAR)	2601840.986	2104570.484
PT 9 (FOUND IRON BAR)	2602022.177	2104533.259



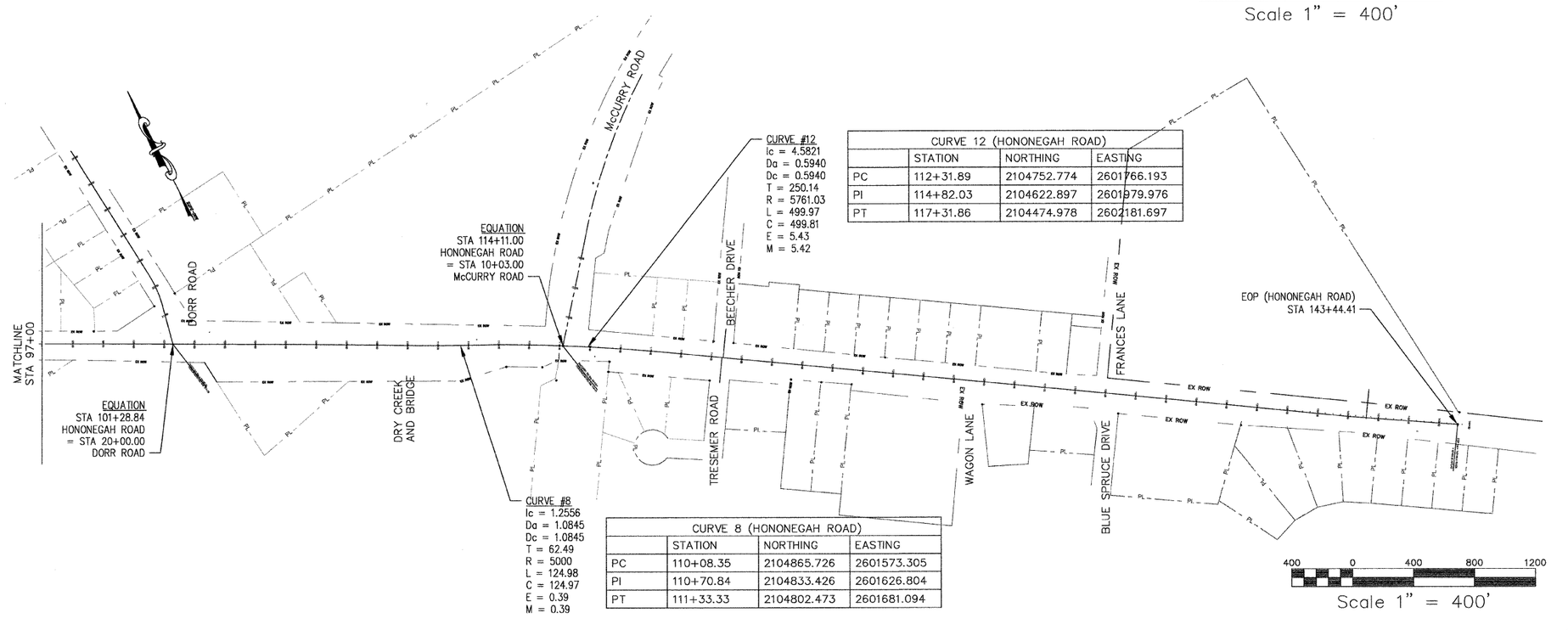
EOP (HONONEGAH ROAD)		
	NORTHING	EASTING
PT 10 (FOUND IRON BAR)	2604327.329	2102948.286
–	–	–
–	–	–



HONENEGAH ROAD (COUNTY HIGHWAY 8)			
	STATION	NORTHING	EASTING
POB	51+30.61	2107904.617	2596542.145
1	51+70.76	2107882.912	2596575.919
2	52+10.90	2107862.161	2596610.288
3	55+48.63	2107687.604	2596899.409
4	61+47.74	2107377.950	2597412.291
5	65+97.76	2107147.925	2597799.087
6	105+50.28	2105105.044	2601182.726
7	109+35.49	2104903.382	2601510.936
8	110+70.84	2104833.426	2601626.804
9	111+90.87	2104773.972	2601731.083
10	112+04.91	2104766.714	2601743.104
11	112+31.89	2104752.774	2601766.193
12	114+82.03	2104622.897	2601979.976
13	117+31.86	2104474.978	2602181.697
14	132+57.43	2103568.641	2603408.856
15	140+08.60	2103121.773	2604012.657
EOP	143+62.57	2102917.535	2604301.761

DORR ROAD			
	STATION	NORTHING	EASTING
POB	20+00.00	2105320.208	2600826.348
1	21+25.34	2105440.618	2600861.152
2	21+75.02	2105488.348	2600874.948
3	22+24.00	2105538.029	2600874.425
4	22+33.54	2105547.574	2600874.380
5	22+43.09	2105557.118	2600874.224
6	22+70.98	2105585.007	2600873.956
EOP	23+00.00	2105614.021	2600873.371

McCURRY ROAD			
	STATION	NORTHING	EASTING
POB	10+00.00	2104654.706	2601916.453
EOP	13+52.16	2104913.637	2602155.140



CURVE 12 (HONONEGAH ROAD)			
	STATION	NORTHING	EASTING
PC	112+31.89	2104752.774	2601766.193
PI	114+82.03	2104622.897	2601979.976
PT	117+31.86	2104474.978	2602181.697

CURVE 8 (HONONEGAH ROAD)			
	STATION	NORTHING	EASTING
PC	110+08.35	2104865.726	2601573.305
PI	110+70.84	2104833.426	2601626.804
PT	111+33.33	2104802.473	2601681.094

Contract 85516

WINNEBAGO COUNTY ILLINOIS	ROUTE	SECTION	SHEET
	8	04-00361-00-PV	56 OF 56

HONONEGAH & McCURRY ROAD DETAIL

25' BUTT JT

RECONSTRUCT

RESURFACE

135' CURB TRANSITION TAPER
VARY FLAG (6' TO 0') CC&G

10' MULTI-USEPATH

McCURRY RD
Sta 10+03 =
HONONEGAH RD
Sta 114+11

TRANSITION CURB FROM
6" TO 0" OVER 4'

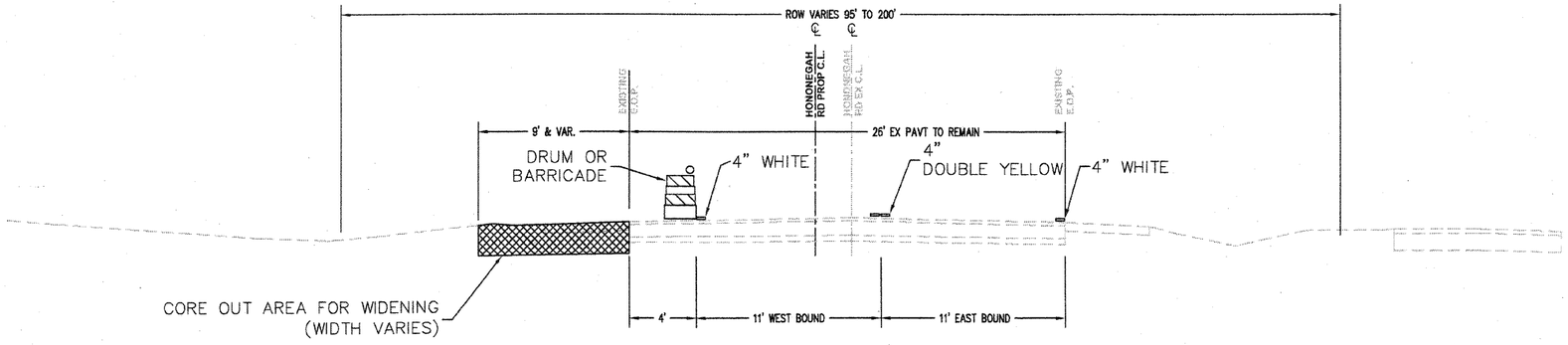
McCURRY ROAD DETAIL

Contract 85516

WINNEBAGO COUNTY ILLINOIS	ROUTE	SECTION	SHEET
	8	04-00361-00-PV	56A OF 56
	TRAFFIC CONTROL		

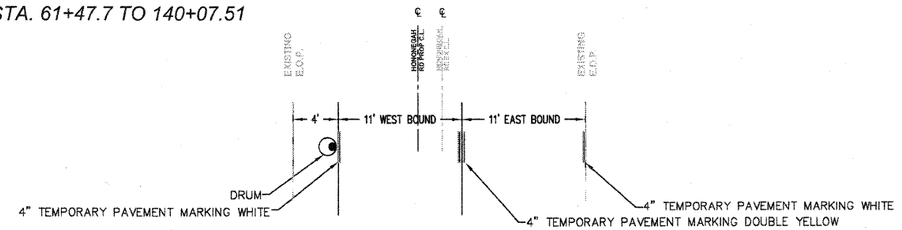
HONONEGAH RD PROPOSED TRAFFIC CONTROL STAGING PHASE I

STA. 61+47.7 TO 140+07.51



HONONEGAH RD TEMPORARY STRIPING DETAIL PHASE I

STA. 61+47.7 TO 140+07.51



GENERAL NOTES:

CONTRACTOR SHALL REMOVE ALL TEMPORARY STRIPING WHEN CHANGING FROM PHASE I TO PHASE II.

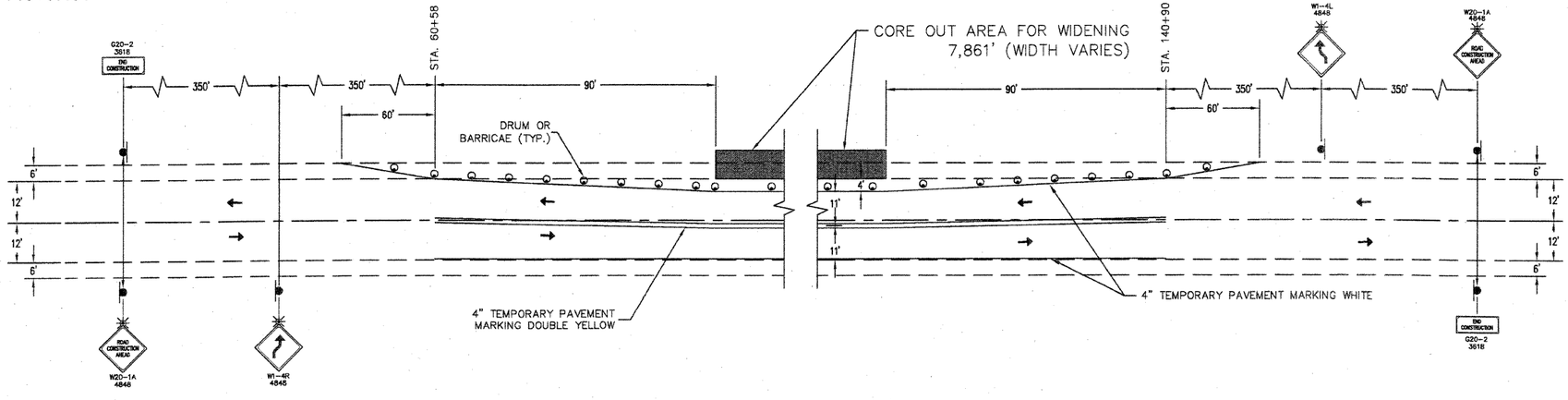
IF TEMPORARY STRIPING MATERIALS WERE APPLIED TO ANY FINISHED SURFACE THE CONTRACTOR SHALL REMOVE SAID MATERIAL PRIOR TO THE PLACEMENT OF THERMOPLASTIC PAVEMENT MARKINGS.

THE CONTRACTOR SHALL USE THE STANDARDS LISTED BELOW AND OTHER APPLICABLE STANDARDS FOR TRAFFIC CONTROL, SIGN PLACEMENT AND SPACING:

701011-02	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS DAY ONLY
701326-03	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEED >= 45 MPH
701331-03	LANE CLOSURE, 2L, 2W, WITH RUN-AROUND FOR SPEEDS ≥ 45 MPH
701426-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
701501-05	LANE CLOSURE, URBAN, 2L, 2W, UNDIVIDED
701502-03	LANE CLOSURE, URBAN, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-01	TRAFFIC CONTROL DEVICES
BLR-20-6	TRAFFIC BARRIER TERMINAL - TYPE 5R
BLR-21-8	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR-22-6	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (2L, 2W, RURAL TRAFFIC ROAD CLOSED TO THRU TRAFFIC)
BLR-23-3	TRAFFIC BARRIER TERMINAL - TYPE1

HONONEGAH RD TEMPORARY LANE SHIFT DETAIL PHASE I

STA. 61+47.7 TO 140+07.51



NOTE:
DRUM OR BARRICADE SPACING PER STANDARDS.

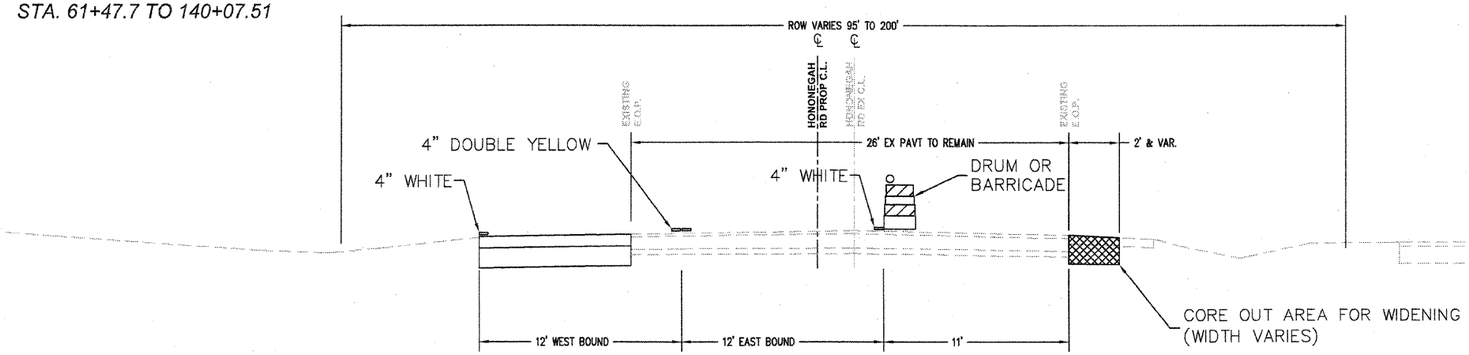
Contract 85516

ROUTE	SECTION	SHEET
8	04-00361-00-PV	56B OF 56

TRAFFIC CONTROL

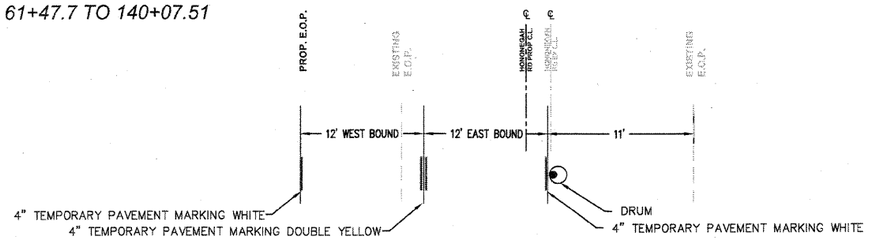
HONONEGAH RD PROPOSED TRAFFIC CONTROL STAGING PHASE II

STA. 61+47.7 TO 140+07.51



HONONEGAH RD TEMPORARY STRIPING DETAIL PHASE II

STA. 61+47.7 TO 140+07.51



GENERAL NOTES:

CONTRACTOR SHALL REMOVE ALL TEMPORARY STRIPING WHEN CHANGING FROM PHASE I TO PHASE II.

IF TEMPORARY STRIPING MATERIALS WERE APPLIED TO ANY FINISHED SURFACE THE CONTRACTOR SHALL REMOVE SAID MATERIAL PRIOR TO THE PLACEMENT OF THERMOPLASTIC PAVEMENT MARKINGS.

THE CONTRACTOR SHALL USE THE STANDARDS LISTED BELOW AND OTHER APPLICABLE STANDARDS FOR TRAFFIC CONTROL, SIGN PLACEMENT AND SPACING:

701011-02	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS DAY ONLY
701326-03	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEED >= 45 MPH
701331-03	LANE CLOSURE, 2L, 2W, WITH RUN-AROUND FOR SPEEDS ≥ 45 MPH
701426-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
701501-05	LANE CLOSURE, URBAN, 2L, 2W, UNDIVIDED
701502-03	LANE CLOSURE, URBAN, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-01	TRAFFIC CONTROL DEVICES
BLR-20-6	TRAFFIC BARRIER TERMINAL - TYPE 5R
BLR-21-8	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR-22-6	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (2L, 2W, RURAL TRAFFIC ROAD CLOSED TO THRU TRAFFIC)
BLR-23-3	TRAFFIC BARRIER TERMINAL - TYPE1

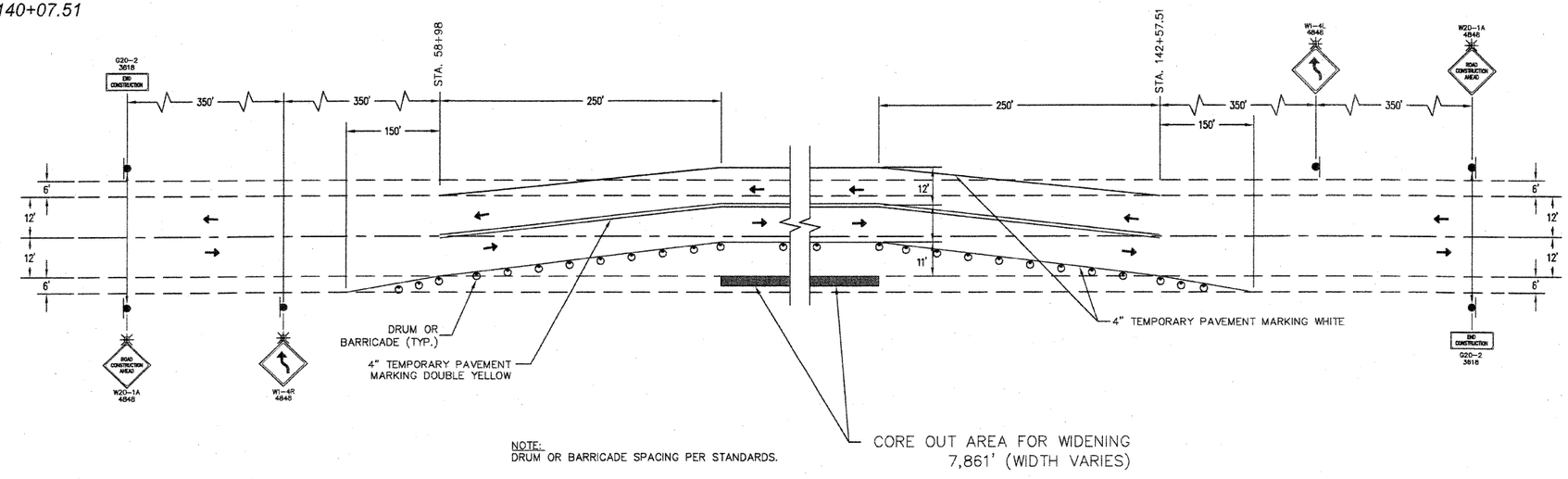
HONONEGAH RD PHASE III

STA. 61+47.7 TO 140+07.51

CONTRACTOR SHALL USE STANDARD 701502-03 WHEN PAVING THE SURFACE COURSE FOR THE THROUGH LANES AND RIGHT TURN LANES. STANDARD 701501-05 SHALL BE USED WHEN PAVING THE SURFACE COURSE FOR THE MEDIAN AND LEFT TURN BAYS. PLACE TEMPORARY MARKINGS ON THE FINAL SURFACE TO BE REMOVED PRIOR TO PLACEMENT OF THERMOPLASTIC PAVEMENT MARKINGS.

HONONEGAH RD TEMPORARY LANE SHIFT DETAIL PHASE II

STA. 61+47.7 TO 140+07.51



NOTE:
DRUM OR BARRICADE SPACING PER STANDARDS.

CORE OUT AREA FOR WIDENING
7,861' (WIDTH VARIES)