Project Engineer: Mark Daugherty
Telephone: (217) 342-8341

1-16-09 Letting, Item 117

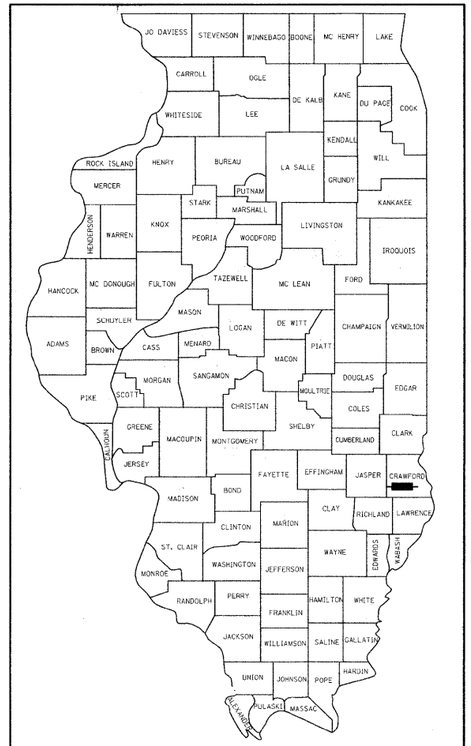
CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	1
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

D-97-035-97

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS

F.A.P. ROUTE 781 (IL. ROUTE 33)
SECTION 1YRS, 2ZRS-1
PROJECT : F-0781(029)
CRAWFORD COUNTY
C-97-007-98

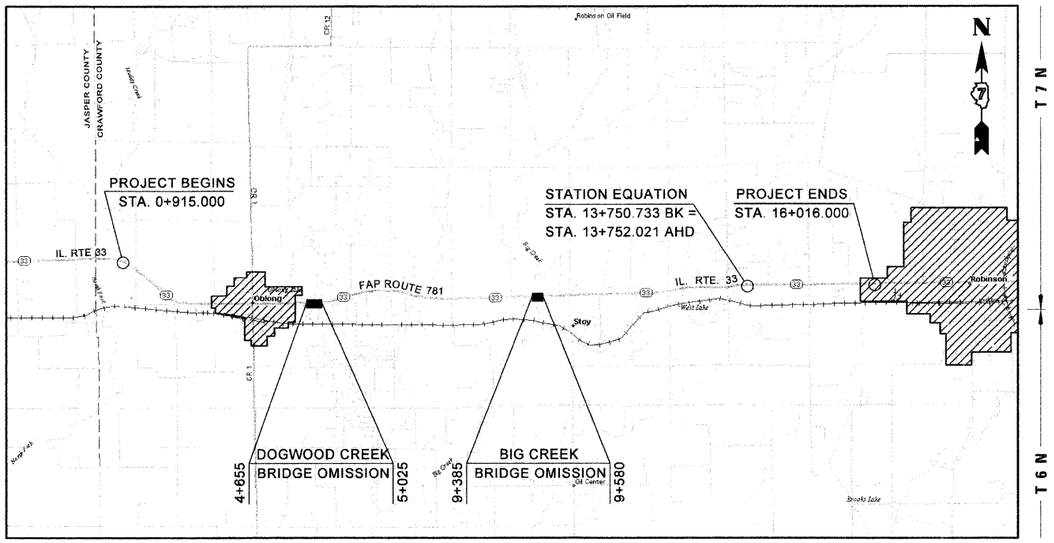


LOCATION OF SECTION INDICATED THUS: ■

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR THE LIST OF APPLICABLE IDOT HIGHWAY STANDARDS, SEE SHEET NO. 2

STRUCTURAL DESIGN TRAFFIC: YEAR 2019
PV = 8173 SU = 145 MU = 377
ROAD/STREET CLASSIFICATION: CLASS II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 50 S = 50 M = 50
TRAFFIC FACTOR: Actual TF = 1.63
Minimum TF = 3.81
SUBGRADE SUPPORT RATING:
SSR = Poor (STA. 13+143 TO 13+750)
SSR = _____ (STA. _____ TO _____)

DESIGN DESIGNATION:
8695(19) Arterial 3.81 (FD-20)
2019 ADT = 8695



LOCATION MAP
SCALE 1:60,000

GROSS LENGTH OF IMPROVEMENT	=	15,101.000 METERS	= 15.101 KILOMETERS
STATION EQUATION OMISSION	=	1.288 METERS	= 0.001 KILOMETERS
ROAD AND BRIDGE OMISSIONS	=	565.000 METERS	= 0.565 KILOMETERS
NET LENGTH OF IMPROVEMENT	=	14,534.712 METERS	= 14.535 KILOMETERS

METRIC RATIOS

1 m 0 2 m
1 : 50

0 5 m 10 m
1 : 100

10 m 0 20 m
1 : 250

5 m 0 20 m
1 : 500

0 50 m 100 m
1 : 1000

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

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

CONTRACT NO. 94533

PLANS PREPARED BY

HENRY, MEISENHEIMER & GENDE, INC.
ENGINEERS
CARLYLE, ILLINOIS 62231
www.hmgengineers.com
(618) 594-3711 Fax (618) 594-8217

SCOTT A. RAKERS, P.E.
ILLINOIS REGISTERED ENGINEER NO. 062-049177
REGISTRATION EXPIRES NOV. 30, 2009
03/20/08

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 21 2008
Christine M Reed e mj
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
December 5, 2008
Eric E. Harm
Interim ENGINEER OF DESIGN AND ENVIRONMENT
December 5, 2008
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

HMG JOB NO. 4420

PLOT DATE = 3/20/2008
FILE NAME = H:\4428\70001_cover.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

INDEX OF SHEETS

APPLICABLE HIGHWAY STANDARDS

STD. NO.	TITLE
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420111-02	PCC PAVEMENT ROUNDOUTS
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482001-02	BITUMINOUS SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482011-03	BITUMINOUS SHOULDER STRIPS / SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-01	GRATING FOR CONCRETE FLARED END SECTION (FOR 600 mm THRU 1350 mm PIPE)
542401-01	METAL END SECTION FOR PIPE CULVERTS
542606-01	REINFORCED CONCRETE PIPE TEE
602301-02	INLET - TYPE A
602306-02	INLET - TYPE B
602401-02	MANHOLE - TYPE A
602406-03	MANHOLE, TYPE A, 1.8 m (6') DIAMETER
602416-01	MANHOLE, TYPE A, 2.4 m (8') DIAMETER
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS - TYPE 1
604006-04	FRAME AND GRATE - TYPE 3
604036-02	GRATE - TYPE 8
604051-03	FRAME AND GRATE - TYPE 11
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-02	OUTLET FOR CONCRETE CURB AND GUTTER, TYPE B-15.60 (B-6.24)
630001-08	STEEL PLATE BEAM GUARDRAIL
630201-00	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL

STD. NO.	TITLE
630301-05	SHOULDER WIDENING FOR TYPE 1, (SPECIAL) GUARDRAIL TERMINALS
631011-05	TRAFFIC BARRIER TERMINAL, TYPE 2
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
666001-01	RIGHT OF WAY MARKERS
667101-01	PERMANENT SURVEY MARKERS
701006-03	OFF-ROAD OPERATIONS, 2-LANE, 2-WAY, 4.5 m TO 600 mm FROM PAVEMENT EDGE
701011-02	OFF ROAD MOVING OPERATIONS, 2-LANE, 2-WAY, DAY ONLY
701201-03	LANE CLOSURE, 2-LANE, 2-WAY, DAY ONLY, FOR SPEEDS MORE THAN OR EQUAL 45 MPH
701306-02	LANE CLOSURE, 2-LANE, 2-WAY, SLOW MOVING OPERATIONS - DAY ONLY FOR SPEEDS MORE THAN OR EQUAL 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701321-10	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701326-03	LANE CLOSURE, 2-LANE, 2-WAY, PAVEMENT WIDENING FOR SPEEDS MORE THAN OR EQUAL 45 MPH
701331-03	LANE CLOSURE, 2-LANE, 2-WAY, WITH RUN-AROUND, FOR SPEEDS ≥ 45 MPH
701501-05	URBAN LANE CLOSURE, 2-LANE, 2-WAY, UNDIVIDED
701801-04	LANE CLOSURE MULTILANE, 1-WAY OR 2-WAY, CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
704001-05	TEMPORARY CONCRETE BARRIER
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT REBARS
~~B.L.R. 2-2~~	~~COMBINATION SECTION AND RIGHT OF WAY MARKER~~
~~B.L.R. 6-5~~	~~SECTION MARKERS~~
B.L.R. 10-6	PCC PAVEMENT SPECIAL
B.L.R. 14-10	PORTLAND CEMENT CONCRETE PAVEMENT
B.L.R. 23-3	TRAFFIC BARRIER TERMINAL, TYPE 1

REVISIONS	
NAME	DATE

Rev.

ILLINOIS DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS AND LIST OF HIGHWAY STANDARDS

SCALE NO SCALE DRAWN BY EDW

DATE APRIL 18, 2008 CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4428\78082_indexofshts.dgn

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES

1. WORK INCLUDED IN SECTION 1YRS & 2ZRS-1 CONSISTS OF RESURFACING THE EXISTING 6.7 METER WIDE TRAVELED WAY AND WIDENING THE SECTION TO INCLUDE 0.9 METER WIDE HOT-MIX ASPHALT SHOULDERS AND 1.5 METER WIDE AGGREGATE SHOULDERS; CONSTRUCT NEW DITCHES AND EXTEND/REPLACE CULVERTS FROM 950 METERS EAST OF THE JASPER/CRAWFORD COUNTY LINE TO 954 METERS EAST OF TOWNSHIP ROAD 900E, EXCEPT THE AREA THROUGH OBLONG WHICH WILL BE WIDENED TO PROVIDE AN URBAN DESIGN OF TWO 4.0 METER LANES (EXCEPT FOUR DOWNTOWN BLOCKS WOULD CONSIST OF TWO 3.6 METER LANES AND TWO 2.3 METER PARKING LANES), CURB AND GUTTER, SIDEWALK AND STORM SEWER IMPROVEMENTS. THERE ARE ALSO TWO BRIDGE OMISSIONS ON THE PROJECT OVER DOGWOOD CREEK AND BIG CREEK. ALSO INCLUDED IS 607.2 METERS OF FULL-DEPTH PAVEMENT CONSTRUCTION AT THE INTERSECTION OF TOWNSHIP ROAD 800E.

2. UTILITIES

   A. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THE COST OF SUCH WORK WILL BE INCLUDED IN THE COST FOR EARTH EXCAVATION.

   B. THE LOCATION OF ALL UTILITIES ARE BASED ON INFORMATION PROVIDED BY OTHERS AND ARE INTENDED TO BE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO COORDINATE HIS CONSTRUCTION ACTIVITIES WITH THE VARIOUS UTILITY OWNERS. ALL POTENTIAL CONFLICTS SHALL BE INVESTIGATED AND REMEDIAL ACTION TAKEN PRIOR TO INTERRUPTION OF THE CONTRACTORS PROGRESS.

   C. ALL UTILITY FACILITIES THAT REQUIRE RELOCATION WITHIN STATE ROW SHALL BE COMPLETED BY THE UTILITY COMPANY UNLESS OTHERWISE SHOWN ON THE PLANS.

   D. THE J.U.L.I.E. NUMBER IS 1-800-892-0123. A MINIMUM OF FORTY-EIGHT HOURS ADVANCE NOTICE IS REQUIRED. MEMBERS OF J.U.L.I.E. KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

CITY OF OBLONG (WATER, SEWER)	ENSTAR CABLE
AMEREN IP (ELECTRIC, GAS)	MCI/WORLDCOM
LEVEL 3 COMMUNICATIONS	AT&T
FRONTIER COMMUNICATIONS	CRAWFORD CO. OIL

3. EXISTING FACILITIES AND VARIATIONS. IN ADDITION TO FIELD SURVEYS AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION DUE TO CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE ITEM OF WORK.

4. STA/OFFSET REFERENCES AND HORIZONTAL/VERTICAL CONTROLS

   A. ALL STATION AND OFFSET REFERENCES ARE TO THE ROADWAY CENTERLINE (IL 33 OR SIDE ROADS) UNLESS OTHERWISE NOTED IN THE PLANS. ALL HORIZONTAL CONTROL POINTS ARE BASED ON THE STATE PLANE COORDINATE SYSTEM AND WERE PROVIDED BY IDOT-DISTRICT 7.

   B. VERTICAL CONTROL. ALL CONTROL POINTS AND ELEVATIONS SHOWN ON THE PLANS ARE BASED ON U.S.G.S. MEAN SEA LEVEL DATUM.

   C. ALL PAVEMENT GRADES AND ELEVATIONS SHOWN ON THE PLANS ARE TO THE TOP OF THE PAVEMENT SURFACE UNLESS OTHERWISE SHOWN ON THE PLANS.

   D. ALL DIMENSIONS SHOWN ON THE PLANS ARE IN MILLIMETERS (mm) EXCEPT AS NOTED.

   E. ALL EARTH SLOPES THROUGHOUT THE PLANS ARE SHOWN AS V:H (VERTICAL TO HORIZONTAL).

5. HIGHWAY STANDARDS. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED ON THE PREVIOUS SHEET OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

6. BITUMINOUS MATERIAL

   A. BITUMINOUS MATERIALS (PRIME COAT) SHALL BE EITHER RC-70 OR SS-1HP

7. TREE PLANTING. THE CONTRACTOR SHALL NOTIFY THE IDOT DISTRICT ARCHITECT ONE MONTH PRIOR TO TREE PLANTING OPERATIONS IN ORDER TO DETERMINE THE FINAL PLANTING LOCATIONS.

8. TRANSITIONS TO EXISTING. 3 METER TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.

9. ALL DRILLING, BARS, GROUTING, AND EXPANSION JOINTS REQUIRED FOR CONCRETE PAVEMENTS SHALL BE INCLUDED IN THE COST OF PCC BASE COURSE.

10. EXISTING CONCRETE PADS OR BASES, SIGNS, POLES, FENCES, RAILROAD TIES, MISC. CONCRETE OR OTHER UNCLASSIFIED ITEMS NOT SPECIFICALLY SHOWN ON THE PLANS OR PAID FOR THAT INTERFERE WITH THE PROPOSED IMPROVEMENTS SHALL BE REMOVED. THE COST FOR SUCH WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

11. EXISTING CONCRETE CURB OR CONCRETE CURB AND GUTTER NOT ON THE PLANS TO BE REMOVED OR THAT INTERFERES WITH THE PROPOSED IMPROVEMENTS SHALL BE REMOVED. THE COST FOR SUCH WORK SHALL BE INCLUDED IN THE COST OF PAVEMENT REMOVAL.

12. MONUMENTATION

   A. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN LICENSED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.

   B. RIGHT-OF-WAY MARKERS SHALL BE ERECTED WITH THE BACK FACE OF THE MARKER ON THE RIGHT-OF-WAY LINE UNLESS THE NEW RIGHT-OF-WAY LINE HAS BEEN SURVEYED AND PINNED, IN WHICH INSTANCE THE RIGHT-OF-WAY MARKER WILL BE ERECTED 305mm (12 INCHES) INSIDE THE NEW RIGHT-OF-WAY LINE.

13. AGGREGATE MATERIALS

   A. AGGREGATE SHOULDERS SHALL BE CRUSHED STONE, CRUSHED CONCRETE, OR RAP.

   B. AGGREGATE SURFACE COURSE SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

   C. SUBASE GRANULAR MATERIAL TYPE B AND AGGREGATE BASE COURSE TYPE B SHALL BE CRUSHED STONE.

14. STORM SEWER & DRAINAGE

   A. OFFSETS FOR DRAINAGE STRUCTURES IS FROM THE ROADWAY BASELINE TO THE CENTER OF THE STRUCTURE. FOR STRUCTURES BUILT IN CONJUNCTION WITH CURB AND GUTTER, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SET THE STRUCTURE SUCH THAT THE FRAME AND/OR GRATE MATCHES THE CURB LINE.

   B. THE COST OF CONNECTING EXISTING DRAIN TILE OR SEWER TO PROPOSED DRAINAGE STRUCTURES SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED DRAINAGE STRUCTURES.

   C. ABANDONED SEWERS AND DRAIN LINES SHOWN ON THE PLANS OR AS DESIGNATED BY THE ENGINEER SHALL BE PLUGGED WITH CLASS SI CONCRETE ACCORDING TO ARTICLE 550.05 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST FOR PROPOSED STORM SEWER.

   D. WHEN THE REQUIRED VERTICAL AND/OR HORIZONTAL CLEARANCES, AS SPECIFIED BY THE IEPA, BETWEEN PROPOSED STORM SEWER AND EXISTING/PROPOSED WATER MAINS CANNOT BE MET, WATER MAIN QUALITY STORM SEWER SHALL BE INSTALLED AS SPECIFIED IN THE SPECIAL PROVISIONS. THIS PIPE WILL BE PAID FOR AS "STORM SEWER (WATER MAIN QUALITY)" OF THE TYPE AND DIAMETER SPECIFIED.

   E. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL DRAINS, SEWERS AND/OR STRUCTURES. HE SHALL PROVIDE A MEANS FOR OUTLETING ALL DISCHARGES FROM THESE FACILITIES UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF PROPOSED STORM SEWER.

   F. EXISTING ROOF AND YARD DRAINS CURRENTLY CONNECTED TO THE EXISTING STORM SEWER SHALL BE RECONNECTED TO THE PROPOSED DRAINAGE SYSTEM AS DIRECTED BY THE ENGINEER. THE COST FOR SUCH WORK SHALL BE INCLUDED IN THE COST OF PROPOSED STORM SEWER.

   G. EXISTING YARD AND FIELD DRAINS AT LOCATIONS WITH DITCH DRAINAGE SHALL BE CUT OFF FLUSH WITH THE PROPOSED DITCH BACKSLOPE OR AS DIRECTED BY THE ENGINEER. THE COST FOR SUCH WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

15. PAVEMENT MARKING. NO PASSING ZONES TO BE FIELD VERIFIED BY THE BUREAU OF OPERATIONS. THE RESIDENT ENGINEER SHALL NOTIFY THE BUREAU OF OPERATIONS 14 DAYS PRIOR TO PERMANENT PAVEMENT MARKINGS.

16. NPDES COMPLIANCE. THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH THE PROVISIONS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER PERMIT AND IMPLEMENT THE EROSION CONTROL PLAN INCLUDED IN THESE PLANS AND SPECIFIED HEREIN.

15. TRAFFIC CONTROL

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

   B. THE CONTRACTOR SHALL KEEP LANE CLOSURES TO A MINIMUM. HE SHALL WORK EXPEDITIOUSLY TO OPEN TRAFFIC LANES CLOSED DUE TO CONSTRUCTION. THE ENGINEER SHALL BE THE SOLE JUDGE OF WHEN A LANE IS READY TO BE OPENED TO TRAFFIC.

   C. THE FOLLOWING SHALL BE NOTIFIED FOURTEEN (14) CALENDAR DAYS PRIOR TO ANY ROAD CLOSURES ON THE PROJECT:

CITY OF OBLONG POLICE DEPT.	OBLONG TOWNSHIP COMMISSIONER
CITY OF OBLONG FIRE DEPT.	ROBINSON TOWNSHIP COMMISSIONER
CRAWFORD COUNTY ENGINEER	

18. REMOVALS

   A. REMOVAL OF HOT-MIX ASPHALT, OIL AND CHIP, AND AGGREGATE SURFACING NOT ON A RIGID TYPE BASE SHALL BE PAID FOR AS EARTH EXCAVATION.

   B. REMOVAL OF EXISTING GRAVEL OR CRUSHED STONE BASE COURSE SHALL BE PAID FOR AS EARTH EXCAVATION.

   C. EXISTING SIDEWALKS AND STEPS TO BE REMOVED MADE OF CONCRETE, BRICK OR ASPHALT SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR SIDEWALK REMOVAL.

19. HOT-MIX ASPHALT OPERATIONS

   A. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.

   B. CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

   C. FOR THE PAY ITEM BITUMINOUS MATERIALS (PRIME COAT), EITHER RC-70 OR AN EMULSIFIED POLYMER PRIME SS-1HP SHALL BE USED.

20. EARTH EXCAVATION & EMBANKMENTS

   A. THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP 100mm (TOPSOIL) IN AREAS TO BE SEEDED OR SODDED. THE TOPSOIL REQUIRED SHALL BE OBTAINED BY STRIPPING OPERATIONS AS SHOWN IN THE PLANS OR FURNISHED FROM OFFSITE AS REQUIRED.

   B. ALL EMBANKMENT WIDENING SHALL BE SUFFICIENTLY BENCHED INTO EXISTING EMBANKMENTS/SLOPES PER SECTION 205 OF THE STANDARD SPECIFICATIONS.

21. EXISTING PAVEMENT SHALL BE PATCHED AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH SECTION 442 OF THE STANDARD SPECIFICATIONS. THE QUANTITY OF PATCHING SHOWN ON THE PLANS IS AN ESTIMATE ONLY AND FINAL QUANTITIES SHALL BE DETERMINED BY THE ENGINEER.

22. ALL SAW CUTTING OF EXISTING PAVEMENT NOT RELATED TO PAVEMENT PATCHING SHALL BE INCLUDED IN THE COST OF THE VARIOUS ITEMS OF WORK INVOLVED. THE MINIMUM CUT DEPTH INTO THE PAVEMENT SHALL BE 40mm UNLESS OTHERWISE SPECIFIED IN THE PLANS.

23. SEEDING SHALL BE PLACED ON ALL AREAS DISTURBED BY CONSTRUCTION OPERATIONS NOT OTHERWISE TO BE SODDED. NUTRIENTS AND MULCH SHALL BE APPLIED TO ALL SEEDING AREAS.

24. DO NOT INCLUDE MULCH IN EROSION CONTROL BLANKET AREAS.

25. EROSION CONTROL SHALL BE PLACED AROUND INLETS, END SECTIONS AND HEADWALLS IN ACCORDANCE WITH THE DETAILS IN THE PLANS.

26. THE CONTRACTOR SHALL PROVIDE INTERNET ACCESS TO THE HOT-MIX PLANT QUALITY CONTROL LAB SO THAT HOT-MIX PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICES FOR OTHER ITEMS IN THE CONTRACT.

APPLICATION RATES

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

GRANULAR MATERIALS	2.4 metric ton/cu m
BITUMINOUS MATERIALS PRIME COAT	
HOT-MIX ASPHALT BASES	0.35 L/sq m
AGGREGATE BASES	1.5 L/sq m
AGGREGATE PRIME COAT	1.5 kg/sq m
HOT-MIX ASPHALT SURFACE & BINDER COURSE	0.0024 metric ton/sq m/mm
NITROGEN FERTILIZER NUTRIENT	100 kg/ha
PHOSPHORUS FERTILIZER NUTRIENT	100 kg/ha
POTASSIUM FERTILIZER NUTRIENT	100 kg/ha
LIME FOR MODIFIED SOIL	0.06856 metric ton /cu m

MIXTURE DESIGN

MIXTURE USE(S)	SURFACE	LEVEL BINDER	BINDER (FULL DEPTH)	INCIDENTAL	BITUMINOUS SHOULDERS (BOTTOM 93 mm)	BITUMINOUS SHOULDERS (TOP 57 mm)	BITUMINOUS BASE COURSE (PRA'S AND COMMERCIAL)	PAVEMENT PATCHING
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 58-22	PG 58-22	PG 64-22	PG 64-22
RAP % (MAX.)	10%	15%	15%	20%	20%	20%	20%	20%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=50	4.0% @ Ndes=70	2.0% @ Ndes=30	4.0% @ Ndes=70	4.0% @ Ndes=70
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5 or IL 12.5	IL 9.5	IL 19.0	IL 9.5	IL 19.0	IL 9.5	IL 19.0	IL 19.0
FRICTION AGGREGATE	MIXTURE D	N/A	N/A	MIXTURE C	N/A	N/A	N/A	N/A

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE NO SCALE DRAWN BY KOJ

DATE APRIL 18, 2008 CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = N:\4428\78083_genote.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

	CODE NO.	ITEMS	UNIT	TOTAL QUANTITY	80% FED 20% STATE F.A.P. 781 (IL. RTE. 33) 0+915.000 TO 2+756.900 AND 4+475.071 TO 15+545.000 CONSTRUCTION CODE TYPE I000-2A RURAL	80% FED 20% STATE F.A.P. 781 (IL. RTE. 33) 2+756.900 TO 4+475.071 CONSTRUCTION CODE TYPE I000-2A RURAL	80% FED 20% STATE F.A.P. 781 (IL. RTE. 33) 15+545.000 TO 16+016.000 CONSTRUCTION CODE TYPE I000-2A URBAN	100% CITY F.A.P. 781 (IL. RTE. 33) 2+756.900 TO 4+475.071 CONSTRUCTION CODE TYPE SFTY-1B URBAN	50% STATE 50% CITY F.A.P. 781 (IL. RTE. 33) 2+756.900 TO 4+475.071 CONSTRUCTION CODE TYPE SFTY-1B URBAN
**	A2001016	TREE, ACER RUBRUM (RED MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	40	30	5	5		
**	A2001316	TREE, ACER SACCHARINUM (SILVER MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	35	30	5			
**	A2006416	TREE, QUERCUS ALBA (WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	40	30	5	5		
**	A2006916	TREE, QUERCUS PALUSTRIS (PIN OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	40	30	5	5		
**	D2002288	EVERGREEN, PICEA PUNGENS GLAUCA(COLORADO BLUE SPRUCE), 8' HEIGHT, BALLED AND BURLAPPED	EACH	15			15		
	M2010110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	401	258	143			
	M2010210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	903	610	293			
	M2010500	TREE REMOVAL, HECTARES	HA	0.6	0.6				
*	M2020010	EARTH EXCAVATION	CU M	73,555	68,953	2,188	2,414		
	M2020050	EARTH EXCAVATION (WIDENING)	CU M	3,465	3,338		127		
*	M2021200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU M	680	680				
	M2080150	TRENCH BACKFILL	CU M	3423	165	3,253	5		
**	M2112500	TOPSOIL EXCAVATION AND PLACEMENT	CU M	24,185.4	23,434.0	9.7	741.7		
**	M2500200	SEEDING, CLASS 2	HA	19.2	18.6		0.6		
**	M2500400	NITROGEN FERTILIZER NUTRIENT	KG	1,980	1,853	70	57		
**	M2500500	PHOSPHORUS FERTILIZER NUTRIENT	KG	1,980	1,853	70	57		
**	M2500600	POTASSIUM FERTILIZER NUTRIENT	KG	1,980	1,853	70	57		
**	M2510115	MULCH, METHOD 2	HA	18.5	17.9		0.6		
**	M2510630	EROSION CONTROL BLANKET	SQ M	8,214	8,214				
**	M2520100	SODDING	SQ M	9815		9815			
**	M2520200	SUPPLEMENTAL WATERING	UNIT	736.2		736.2			
	M2800255	TEMPORARY EROSION CONTROL SEEDING	HA	19.2	18.6		0.6		
	M2800400	PERIMETER EROSION BARRIER	METER	1,275	1,275				
	M2800800	MULCH, METHOD 2	HA	19.2	18.6		0.6		
	M2810707	STONE DUMPED RIPRAP, CLASS A4	SQ M	4,811	4,575	190	46		
	M2820200	FILTER FABRIC	SQ M	5,357	5,121	190	46		
	M2830400	AGGREGATE DITCH	M TON	293	293				
	M3020456	PROCESSING MODIFIED SOIL 300MM	SQ M	7,712	7,712				
	M3021500	LIME	M TON	158.7	158.7				
	M3111100	SUB-BASE GRANULAR MATERIAL, TYPE B, 100MM	SQ M	14,151	7,712	6,439			
	M3511010	AGGREGATE BASE COURSE, TYPE B	M TON	1,862	1,582	86	193		
	M3530200	PORTLAND CEMENT CONCRETE BASE COURSE 200MM	SQ M	2,760		2,760			
	M3550500	HOT-MIX ASPHALT BASE COURSE, 200MM	SQ M	7,436	7,122		314		
	M3552100	HOT-MIX ASPHALT BASE COURSE, VARIABLE DEPTH	M TON	2,589	2,589				
	M4021010	AGGREGATE SURFACE COURSE, TYPE B	M TON	2,607	2,498	43	66		
*	M4021200	AGGREGATE FOR TEMPORARY ACCESS	M TON	1,764	1,144	584	36		
	M4060100	BITUMINOUS MATERIALS (PRIME COAT)	LITER	107,937	94,601	10,533	2,803		
	M4060300	AGGREGATE (PRIME COAT)	M TON	374	317	45	12		
*	M4060895	CONSTRUCTING TEST STRIP	EACH	3	2	1			
	M4060982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ M	884	716		168		
	M4060990	TEMPORARY RAMP	SQ M	89	72		17		
	M4062135	LEVELING BINDER (MACHINE METHOD), N70	M TON	7,854	6,209	1,396	249		
	M4063340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	M TON	6,984	5,246	1,373	365		
	M4075350	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 350MM	SQ M	31,381	31,381				
	M4080100	BITUMINOUS MATERIALS (PRIME COAT)	LITER	23,137	19,770	1,981	1,386		
	M4080300	AGGREGATE (PRIME COAT)	M TON	12	11		1		
*	M4080500	INCIDENTAL HOT-MIX ASPHALT SURFACING	M TON	1,936	1,642	159	135		
	M4200200	PORTLAND CEMENT CONCRETE PAVEMENT 200MM	SQ M	2,252		2,252			
	M4205100	PAVEMENT FABRIC	SQ M	2,252		2,252			
	M4230150	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 150MM	SQ M	1,191	333	858			
	M4230200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 200MM	SQ M	4,087	1,758	2,329			
*	M4240100	PORTLAND CEMENT CONCRETE SIDEWALK 100MM	SQ M	3,293.5		1,493.5			1,800.0
*	M4245000	TEMPORARY SIDEWALK	SQ M	200		200			

* SEE SPECIAL PROVISIONS

** SPECIALTY ITEMS

CONTINUED

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE | DRAWN BY KOJ

DATE OCTOBER 28, 2008 | CHECKED BY LWJ

H. M. & G. NO. 4420

PLOT DATE = 11/7/2008
FILE NAME = H:\4420\Final_Plans\D-ewings\D794533\SHT_004_summ_V8.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEMS	UNIT	TOTAL QUANTITY	80% FED 20% STATE F.A.P. 781 (IL. RTE. 33) 0+915.000 TO 2+756.900 AND 4+475.071 TO 15+545.000 CONSTRUCTION CODE TYPE I000-2A RURAL	80% FED 20% STATE F.A.P. 781 (IL. RTE. 33) 2+756.900 TO 4+475.071 CONSTRUCTION CODE TYPE I000-2A RURAL	80% FED 20% STATE F.A.P. 781 (IL. RTE. 33) 15+545.000 TO 16+016.000 CONSTRUCTION CODE TYPE I000-2A URBAN	100% CITY F.A.P. 781 (IL. RTE. 33) 2+756.900 TO 4+475.071 CONSTRUCTION CODE TYPE SFTY-1B URBAN	50% STATE 50% CITY F.A.P. 781 (IL. RTE. 33) 2+756.900 TO 4+475.071 CONSTRUCTION CODE TYPE SFTY-1B URBAN
* M4248000	DETECTABLE WARNINGS	SQ M	39.7		39.7			
* M4400715	HOT-MIX ASPHALT SURFACE REMOVAL, 15MM	SQ M	87,188	77,092	6,684	3,412		
* M4400725	HOT-MIX ASPHALT SURFACE REMOVAL, 25MM	SQ M	3,400		3,400			
* M4400740	HOT-MIX ASPHALT SURFACE REMOVAL, 40MM	SQ M	212		212			
* M4400950	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ M	10,944	8,933	2,011			
M4402000	PAVEMENT REMOVAL	SQ M	11,736	5,539	6,197			
M4402010	DRIVEWAY PAVEMENT REMOVAL	SQ M	8,669	5,716	2,550	403		
M4402040	COMBINATION CURB AND GUTTER REMOVAL	METER	2,496		2,496			
M4402050	SIDEWALK REMOVAL	SQ M	3,767		1,927		1,840	
* M4405000	PAVED DITCH REMOVAL	METER	996	996				
M4420300	PAVEMENT PATCHING, TYPE I 300MM	SQ M	322	322				
M4422300	PAVEMENT PATCHING, TYPE II 300MM	SQ M	241	241				
M4812150	AGGREGATE SHOULDERS, TYPE B 150MM	SQ M	23,183	21,926	21	1,236		
M4820550	HOT-MIX ASPHALT SHOULDERS, 150MM	SQ M	23,183	22,376	13	794		
* M5010521	REMOVE EXISTING CULVERTS	METER	180	100	71	9		
* M5010522	PIPE CULVERT REMOVAL	METER	2,137	1,954	58	125		
M5030300	CLASS MS CONCRETE	CU M	12.0		12.0			
M5030350	CONCRETE STRUCTURES	CU M	4.9	4.9				
M5050405	FURNISHING AND ERECTING STRUCTURAL STEEL	KG	260	260				
M5080205	REINFORCEMENT BARS, EPOXY COATED	KG	880	880				
M5401002	PRECAST CONCRETE BOX CULVERT 600MM x 450MM	METER	15.1	15.1				
M5401005	PRECAST CONCRETE BOX CULVERT 600MM x 600MM	METER	15.6	15.6				
M5401010	PRECAST CONCRETE BOX CULVERT 900MM x 600MM	METER	5.7	5.7				
M5401020	PRECAST CONCRETE BOX CULVERT 1.2M x 0.6M	METER	19.8	19.8				
M5401060	PRECAST CONCRETE BOX CULVERT 1.8M x 1.2M	METER	25.2	25.2				
M5402020	PRECAST CONCRETE BOX CULVERT 1.2M x 0.6M (M273)	METER	30.6	30.6				
M5402035	PRECAST CONCRETE BOX CULVERT 1.5M x 0.9M (M273)	METER	9.0	9.0				
M5403220	EXPANSION BOLTS M20	EACH	206	206				
M5421210	PIPE CULVERTS, TYPE 1 RCCP 375MM	METER	126.5	110.5		16.0		
M5421215	PIPE CULVERTS, TYPE 1 RCCP 450MM	METER	66.0	53.5		12.5		
M5421225	PIPE CULVERTS, TYPE 1 RCCP 600MM	METER	118.5	118.5				
M5421235	PIPE CULVERTS, TYPE 1 RCCP 750MM	METER	32.5	32.5				
M5421240	PIPE CULVERTS, TYPE 1 RCCP 900MM	METER	55.5	55.5				
M5421260	PIPE CULVERTS, TYPE 1 RCCP 1500MM	METER	17.5	17.5				
M542C212	REINFORCED CONCRETE PIPE TEE, 300MM PIPE WITH 300MM RISER	EACH	1					
M542C216	REINFORCED CONCRETE PIPE TEE, 375MM PIPE WITH 300MM RISER	EACH	1	1	1			
M542C220	REINFORCED CONCRETE PIPE TEE, 450MM PIPE WITH 300MM RISER	EACH	2					
M542C228	REINFORCED CONCRETE PIPE TEE, 600MM PIPE WITH 300MM RISER	EACH	8		2			
M542C236	REINFORCED CONCRETE PIPE TEE, 750MM PIPE WITH 300MM RISER	EACH	5		8			
M542C244	REINFORCED CONCRETE PIPE TEE, 900MM PIPE WITH 300MM RISER	EACH	7		5			
M542C248	REINFORCED CONCRETE PIPE TEE, 1050MM PIPE WITH 300MM RISER	EACH	3		7			
M542C328	REINFORCED CONCRETE PIPE TEE, 600MM PIPE WITH 375MM RISER	EACH	1		3			
M542C336	REINFORCED CONCRETE PIPE TEE, 750MM PIPE WITH 375MM RISER	EACH	1	1				
M542E012	END SECTIONS 300MM	EACH	1	1				
M542E016	END SECTIONS 375MM	EACH	1	1				
M542E020	END SECTIONS 450MM	EACH	104	102		2		
M542E024	END SECTIONS 525MM	EACH	82	70		12		
M542E028	END SECTIONS 600MM	EACH	14	14				
M542E032	END SECTIONS 675MM	EACH	48	48				
M542E036	END SECTIONS 750MM	EACH	6	6				
M542E044	END SECTIONS 900MM	EACH	12	12				
M542E048	END SECTIONS 1050MM	EACH	14	14				
M542E116	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 375MM	EACH	4	4				
		EACH	12	10		2		

* SEE SPECIAL PROVISIONS

CONTINUED

PLOT DATE = 11/7/2008
FILE NAME = N:\442A\Final_Plans\Drawings\D794533\Sht_004_sumq_V8.dgn

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE

DRAWN BY KOJ

DATE OCTOBER 28, 2008

CHECKED BY LWJ

H. M. & G. NO. 4420

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% CITY	50% STATE 50% CITY
				F.A.P. 781 (IL. RTE. 33)	F.A.P. 781 (IL. RTE. 33)	F.A.P. 781 (IL. RTE. 33)	F.A.P. 781 (IL. RTE. 33)	F.A.P. 781 (IL. RTE. 33)
				0+915.000 TO 2+756.900 AND 4+475.071 TO 15+545.000	2+756.900 TO 4+475.071	15+545.000 TO 16+016.000	2+756.900 TO 4+475.071	2+756.900 TO 4+475.071
			TOTAL	CONSTRUCTION CODE TYPE				
CODE NO.	ITEMS	UNIT	QUANTITY	I000-2A RURAL	I000-2A RURAL	I000-2A URBAN	SFTY-1B URBAN	SFTY-1B URBAN
M542E120	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 450MM	EACH	8	6		2		
M542E128	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 600MM	EACH	16	14	2			
M542E136	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 750MM	EACH	4	4				
M542E144	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 900MM	EACH	6	6				
M542E148	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 1050MM	EACH	2		2			
M542E160	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 1500MM	EACH	2	2				
M542H420	PIPE CULVERTS, CLASS D, TYPE 1 300MM	METER	2.5	2.5				
M542H425	PIPE CULVERTS, CLASS D, TYPE 1 375MM	METER	924.5	908.0		16.5		
M542H430	PIPE CULVERTS, CLASS D, TYPE 1 450MM	METER	593.0	512.0		81.0		
M542H435	PIPE CULVERTS, CLASS D, TYPE 1 525MM	METER	93.5	93.5				
M542H440	PIPE CULVERTS, CLASS D, TYPE 1 600MM	METER	372.0	372.0				
M542H445	PIPE CULVERTS, CLASS D, TYPE 1 675MM	METER	37.0	37.0				
M542H450	PIPE CULVERTS, CLASS D, TYPE 1 750MM	METER	90.0	90.0				
M542H455	PIPE CULVERTS, CLASS D, TYPE 1 900MM	METER	76.0	76.0				
M542H460	PIPE CULVERTS, CLASS D, TYPE 1 1050MM	METER	24.5	24.5				
M542T220	PIPE CULVERTS, CLASS C, TYPE 1 375MM (TEMPORARY)	METER	58.0	58.0				
M542T225	PIPE CULVERTS, CLASS C, TYPE 1 450MM (TEMPORARY)	METER	6.1	6.1				
M542T235	PIPE CULVERTS, CLASS C, TYPE 1 600MM (TEMPORARY)	METER	6.1	6.1				
M5500030	STORM SEWERS, CLASS A, TYPE 1, 300MM	METER	705.1		705.1			
M5500050	STORM SEWERS, CLASS A, TYPE 1, 450MM	METER	242.3		242.3			
M5500065	STORM SEWERS, CLASS A, TYPE 1, 600MM	METER	760.9		760.9			
M5500075	STORM SEWERS, CLASS A, TYPE 1, 750MM	METER	180.1		180.1			
M5500085	STORM SEWERS, CLASS A, TYPE 1, 900MM	METER	319.8		319.8			
M5500095	STORM SEWERS, CLASS A, TYPE 1, 1050MM	METER	193.8		193.8			
M5500215	STORM SEWERS, CLASS B, TYPE 1, 150MM	METER	7.2		7.2			
M5510010	STORM SEWER REMOVAL 150MM	METER	18		18			
M5510025	STORM SEWER REMOVAL 300MM	METER	43		43			
M5510045	STORM SEWER REMOVAL 450MM	METER	194		194			
M5510055	STORM SEWER REMOVAL 525MM	METER	87		87			
M5510060	STORM SEWER REMOVAL 600MM	METER	365		365			
M5900200	EPOXY CRACK INJECTION	METER	5	5				
* M5930100	CONTROLLED LOW-STRENGTH MATERIAL	CU M	7.0	7.0				
* M6022110	RESTRICTED DEPTH MANHOLES, 1.2M DIAMETER TYPE 1 FRAME, CLOSED LID	EACH	9		9			
* M6022115	RESTRICTED DEPTH MANHOLES, 1.2M DIAMETER TYPE 3 FRAME AND GRATE	EACH	2		2			
* M6022210	RESTRICTED DEPTH MANHOLES, 1.5M DIAMETER TYPE 1 FRAME, CLOSED LID	EACH	17		17			
* M6022215	RESTRICTED DEPTH MANHOLES, 1.5M DIAMETER TYPE 3 FRAME AND GRATE	EACH	1		1			
* M6022310	RESTRICTED DEPTH MANHOLES, 1.8M DIAMETER TYPE 1 FRAME, CLOSED LID	EACH	10		10			
* M6022315	RESTRICTED DEPTH MANHOLES, 1.8M DIAMETER TYPE 3 FRAME AND GRATE	EACH	5		5			
M6023255	MANHOLES, SPECIAL, 2.4M DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		1			
* M6060070	CONCRETE CURB, TYPE B	METER	283.4		283.4			
* M6060500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B - 15.30	METER	131.9		131.9			
* M6060700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B - 15.60	METER	3,083.9		3,083.9			
** M6300100	STEEL PLATE BEAM GUARD RAIL, TYPE A	METER	438.15	438.15				
M6320030	GUARDRAIL REMOVAL	METER	12	5	7			
** * M6690200	NON-SPECIAL WASTE DISPOSAL	CU M	291		291			
M7030100	SHORT-TERM PAVEMENT MARKING	METER	5,814	3,921	1704	189		
M7030620	TEMPORARY PAINT PAVEMENT MARKING LINE 100 MM	METER	33,577	32,091	426	1060		
M7040100	TEMPORARY CONCRETE BARRIER	METER	1,530	1,430		100		
M7040200	RELOCATE TEMPORARY CONCRETE BARRIER	METER	1,430	1,330		100		
** M7800205	PAINT PAVEMENT MARKING-LINE 100 MM	METER	33,577	32,091	426	1060		
** M7800215	PAINT PAVEMENT MARKING-LINE 150 MM	METER	106.8		106.8			
** M7800240	PAINT PAVEMENT MARKING-LINE 600 MM	METER	15.6		15.6			
* MX030199	TEMPORARY PAVEMENT	SQ M	3451	3451				
* MX030203	TEMPORARY PAVEMENT REMOVAL	SQ M	3451	3451				

* SEE SPECIAL PROVISIONS

** SPECIALTY ITEMS

CONTINUED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE — DRAWN BY KOJ

DATE OCTOBER 28, 2008 — CHECKED BY LWJ

H. M. & G. NO. 4420

PLOT DATE = 11/7/2008
FILE NAME = H:\4420\Final_Plans\Drawings\078455\SHT_004_sumq_V8.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

	CODE NO.	ITEMS	UNIT	TOTAL QUANTITY	80% FED 20% STATE F.A.P. 781 (IL. RTE. 33) 0+915.000 TO 2+756.900 AND 4+475.071 TO 15+545.000 CONSTRUCTION CODE TYPE I000-2A RURAL	80% FED 20% STATE F.A.P. 781 (IL. RTE. 33) 2+756.900 TO 4+475.071 CONSTRUCTION CODE TYPE I000-2A RURAL	80% FED 20% STATE F.A.P. 781 (IL. RTE. 33) 15+545.000 TO 16+016.000 CONSTRUCTION CODE TYPE I000-2A URBAN	100% CITY F.A.P. 781 (IL. RTE. 33) 2+756.900 TO 4+475.071 CONSTRUCTION CODE TYPE SFTY-1B URBAN	50% STATE 50% CITY F.A.P. 781 (IL. RTE. 33) 2+756.900 TO 4+475.071 CONSTRUCTION CODE TYPE SFTY-1B URBAN
•	MX032188	CLASS SI CONCRETE, SPECIAL	CU M	15.0		15.0			
•	MX032196	POLYMER MODIFIED PORTLAND CEMENT MORTAR	SQ M	25.9	25.9				
** •	MX032200	ENGINEERED BARRIER	SQ M	457		457			
•	MX032509	GRADING AND SHAPING SPECIAL	SQ M	9,815		9,815			
	MX033694	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 125 MM)	SQ M	3.2	3.2				
	MX033731	PRECAST CONCRETE BOX CULVERT 900MM x 450MM	METER	15.2	15.2				
	MX033732	PRECAST CONCRETE BOX CULVERT 3.0M x 1.65M	METER	10.9	10.9				
	MX033734	PRECAST CONCRETE BOX CULVERT 1.8M x 0.6M (M273)	METER	15.3	15.3				
	MX033735	PRECAST CONCRETE BOX CULVERT 3.0M x 0.9M	METER	43.2	43.2				
	MX033736	PRECAST CONCRETE BOX CULVERT 750MM x 450MM (M273)	METER	51.0	36.6		14.4		
•	MX033748	TEMPORARY EMBANKMENT PLACEMENT AND REMOVAL	CU M	853	853				
	MX540110	PRECAST CONCRETE BOX CULVERT 1.5M x 0.6M	METER	64.4		64.4			
•	*MX032529*	*SEGMENTAL CONCRETE BLOCK WALL*	SQ M	97.1		97.1			
•	Z0007601	BUILDING REMOVAL NO. 1	L SUM	1	1				
	Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	18	16		2		
	Z0030350	IMPACT ATTENUATOR, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	17	15		2		
	~~Z0076600~~	~~TRAINEES~~	~~HOUR~~	~~1,000~~	~~850~~	~~100~~	~~50~~		
	28000300	TEMPORARY DITCH CHECKS	EACH	499	488	1	10		
	28000500	INLET AND PIPE PROTECTION	EACH	175	165	1	9		
•	50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1		1			
•	50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		1			
•	50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1		1			
•	50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1		1			
•	50100700	REMOVAL OF EXISTING STRUCTURES NO. 5	EACH	1		1			
•	50100800	REMOVAL OF EXISTING STRUCTURES NO. 6	EACH	1		1			
•	50100900	REMOVAL OF EXISTING STRUCTURES NO. 7	EACH	1		1			
•	50101000	REMOVAL OF EXISTING STRUCTURES NO. 8	EACH	1	1				
•	50101100	REMOVAL OF EXISTING STRUCTURES NO. 9	EACH	1	1				
•	50101200	REMOVAL OF EXISTING STRUCTURES NO. 10	EACH	1	1				
•	50101300	REMOVAL OF EXISTING STRUCTURES NO. 11	EACH	1			1		
•	50101400	REMOVAL OF EXISTING STRUCTURES NO. 12	EACH	1			1		
	54001001	BOX CULVERT END SECTION, CULVERT NO. 1	EACH	2	2				
	54001002	BOX CULVERT END SECTION, CULVERT NO. 2	EACH	2	2				
	54001003	BOX CULVERT END SECTION, CULVERT NO. 3	EACH	2	2				
	54001004	BOX CULVERT END SECTION, CULVERT NO. 4	EACH	2	2				
	54001005	BOX CULVERT END SECTION, CULVERT NO. 5	EACH	2	2				
	54001006	BOX CULVERT END SECTION, CULVERT NO. 6	EACH	2	2				
	54001007	BOX CULVERT END SECTION, CULVERT NO. 7	EACH	1		1			
	54001008	BOX CULVERT END SECTION, CULVERT NO. 8	EACH	2	2				
	54001009	BOX CULVERT END SECTION, CULVERT NO. 9	EACH	2	2				
	54001010	BOX CULVERT END SECTION, CULVERT NO. 10	EACH	2	2				
	54001011	BOX CULVERT END SECTION, CULVERT NO. 11	EACH	2	2				
	54001012	BOX CULVERT END SECTION, CULVERT NO. 12	EACH	2	2				
	54001013	BOX CULVERT END SECTION, CULVERT NO. 13	EACH	2	2				
	54001014	BOX CULVERT END SECTION, CULVERT NO. 14	EACH	2	2				
	54001015	BOX CULVERT END SECTION, CULVERT NO. 15	EACH	2	2				
	54001016	BOX CULVERT END SECTION, CULVERT NO. 16	EACH	2	2				
	54001017	BOX CULVERT END SECTION, CULVERT NO. 17	EACH	2	2				
	54001018	BOX CULVERT END SECTION, CULVERT NO. 18	EACH	2	2				
	54001019	BOX CULVERT END SECTION, CULVERT NO. 19	EACH	2	2				
	54001020	BOX CULVERT END SECTION, CULVERT NO. 20	EACH	2	2				
	54001021	BOX CULVERT END SECTION, CULVERT NO. 21	EACH	2	2				
	54001022	BOX CULVERT END SECTION, CULVERT NO. 22	EACH	2			2		
	60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	84		84			

• SEE SPECIAL PROVISIONS

** *SPECIALTY ITEMS*

CONTINUED

REVISIONS NAME	DATE

Rev.

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE — DRAWN BY KOJ

DATE OCTOBER 28, 2008 — CHECKED BY LWJ

H. M. & G. NO. 4420

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

PLOT DATE = 11/7/2008
FILE NAME = H:\4420\Final_Plans\Drawings\07945331\SHT_004_sumq_V8.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

					80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% CITY	50% STATE 50% CITY
					F.A.P. 781 (IL. RTE. 33)	F.A.P. 781 (IL. RTE. 33)	F.A.P. 781 (IL. RTE. 33)	F.A.P. 781 (IL. RTE. 33)	F.A.P. 781 (IL. RTE. 33)
					0+915.000 TO 2+756.900 AND 4+475.071 TO 15+545.000	2+756.900 TO 4+475.071	15+545.000 TO 16+016.000	2+756.900 TO 4+475.071	2+756.900 TO 4+475.071
				TOTAL	CONSTRUCTION CODE TYPE				
	CODE NO.	ITEMS	UNIT	QUANTITY	I000-2A RURAL	I000-2A RURAL	I000-2A URBAN	SFTY-1B *URBAN*	SFTY-1B *URBAN*
	60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	12	2	10			
	60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	2		2			
•	60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	34		34			
•	60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	2		2			
•	60247400	JUNCTION BOX, NO. 1	EACH	1		1			
	60500040	REMOVING MANHOLES	EACH	5		5			
	60500060	REMOVING INLETS	EACH	28	1	27			
	60603300	GUTTER OUTLET	EACH	3		3			
** •	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1				
** •	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	10	10				
•	63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	1	1				
	66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	143	128	2	13		
	66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	49	45	4			
** •	66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1		1			
** •	66900530	SOIL DISPOSAL ANALYSIS	EACH	7		7			
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	24	20	3	1		
	67100100	MOBILIZATION	L SUM	1	0.7	0.3			
•	70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1				
•	70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1				
•	70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1				
•	70101000	TRAFFIC CONTROL AND PROTECTION, STANDARD 701331 (SPECIAL)	EACH	1	1				
•	70101205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321 (SPECIAL)	EACH	8	7		1		
•	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1		1			
•	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1		1			
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	730	620	86	24		
	70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	8	7		1		
	70106700	TEMPORARY RUMBLE STRIP	EACH	48	42		6		
**	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	596	507	70	19		
**	78200410	GUARDRAIL MARKERS, TYPE A	EACH	24	24				
**	78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	12	12				
	MX033787	PRECAST CONCRETE BOX CULVERT 900MM x 450MM (M273)	METER	29.7	29.7				

* SEE SPECIAL PROVISIONS

** *SPECIALTY ITEMS*

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE — DRAWN BY KOJ

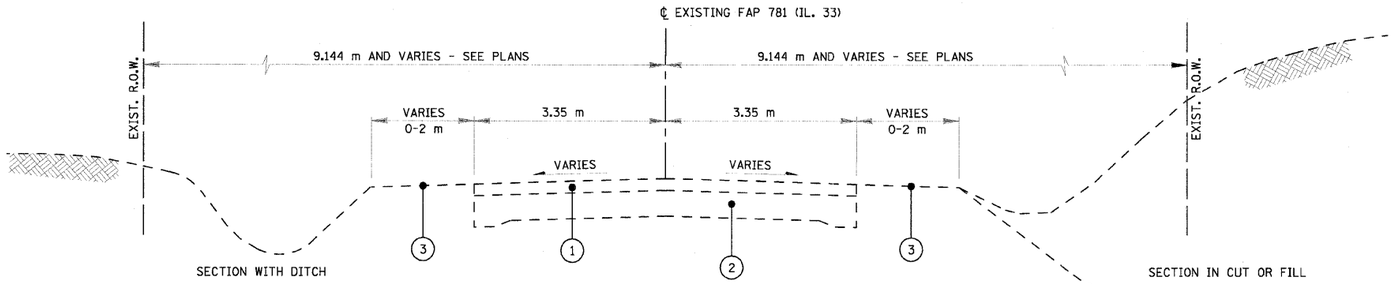
DATE OCTOBER 28, 2008 — CHECKED BY LWJ

H. M. & G. NO. 4420

PLOT DATE = 11/7/2008
FILE NAME = N:\4420\Final_Plans\Drawings\D794533\SHT_0004_summ_V8.dgn

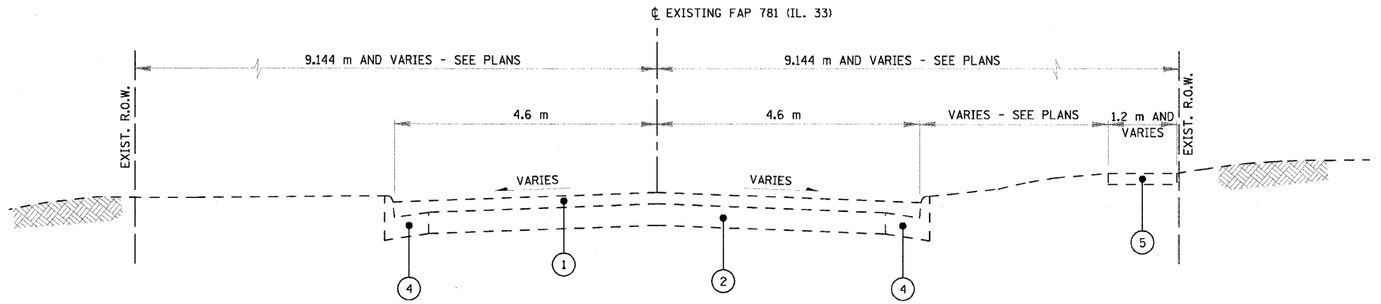
CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



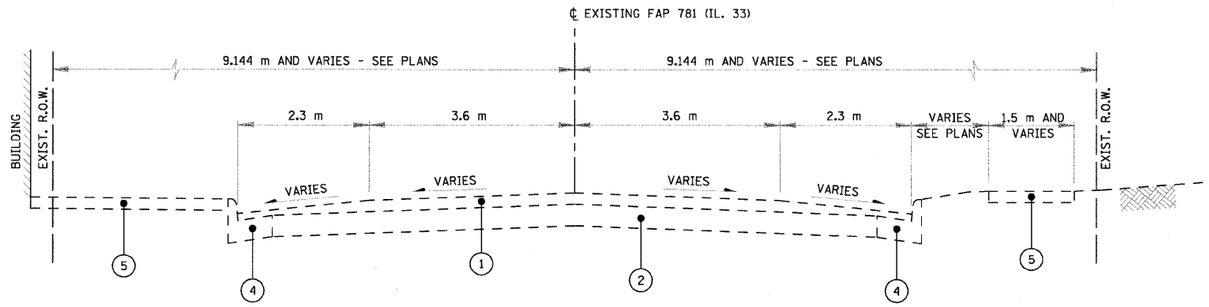
EXISTING RTE. 33 SECTION

STA. 0+915.000 TO STA. 2+755.000
STA. 4+465.000 TO STA. 4+633.011
STA. 5+026.620 TO STA. 9+380.000
STA. 9+585.000 TO STA. 16+016.000



EXISTING ROUTE 33 SECTION

STA. 2+755.000 TO STA. 3+390.000
STA. 3+750.000 TO STA. 4+465.000



EXISTING ROUTE 33 SECTION

STA. 3+390.000 TO STA. 3+750.000

LEGEND

1. EXISTING BITUMINOUS SURFACE
2. EXISTING P.C. CONCRETE BASE
3. EXISTING EARTH SHOULDER
4. EXISTING CONCRETE CURB AND GUTTER
5. EXISTING CONCRETE SIDEWALK
6. M4400715 - HOT-MIX ASPHALT SURFACE REMOVAL, 15mm
   M4400725 - HOT-MIX ASPHALT SURFACE REMOVAL, 25mm
   M4400740 - HOT-MIX ASPHALT SURFACE REMOVAL, 40mm
7. M4400950 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
8. M4402000 - PAVEMENT REMOVAL
9. M4402050 - SIDEWALK REMOVAL
10. M3552100 - HOT-MIX ASPHALT BASE COURSE, VARIABLE DEPTH
11. M4820550 - HOT-MIX ASPHALT SHOULDERS, 150mm
12. M4063340 - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (38mm)
13. M4062135 - LEVELING BINDER (MACHINE METHOD), N70
15. M4075350 - HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 350mm (312mm BASE COURSE, 38mm SURFACE COURSE)
16. M3530200 - PORTLAND CEMENT CONCRETE BASE COURSE, 200mm
17. M3111100 - SUB-BASE GRANULAR MATERIAL, TYPE B, 100mm
18. M3021500 - LIME
    M3020456 - PROCESSING MODIFIED SOIL MIXTURE, 300mm
19. M4810150 - AGGREGATE SHOULDERS, TYPE B 150mm
20. M6060700 - COMBINATION CONCRETE CURB & GUTTER, TYPE B-15.60
21. M4240100 - P.C. CONCRETE SIDEWALK, 100mm
22. MX032553 - TOPSOIL EXCAVATION
23. MX032879 - TOPSOIL PLACEMENT
24. M2021200 - REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
25. MZ034730 - MODULAR RETAINING WALL SYSTEM
26. PROPOSED STORM SEWER TRUNKLINE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS F.A.P. 781

SCALE NO SCALE DRAWN BY KOJ
DATE OCTOBER 28, 2008 CHECKED BY LWJ

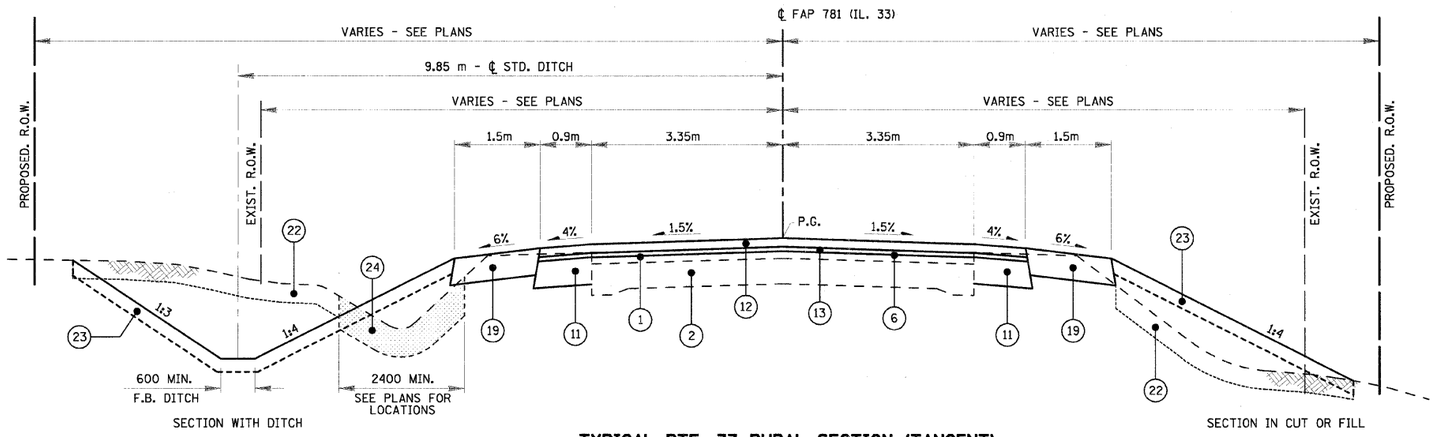
H. M. & G. NO. 4420

PLOT DATE = 11/6/2008
FILE NAME = H:\4420\Final_Plans\Drawings\0794533\SHT_009_typsec.dgn

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

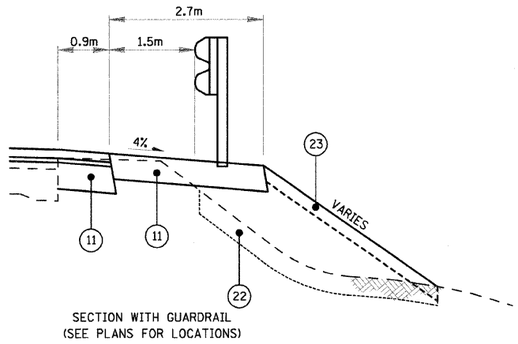
CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	10
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TYPICAL RTE. 33 RURAL SECTION (TANGENT)

STA. 0+915.000	TO STA. 1+847.948	STA. 7+152.219	TO STA. 7+338.093
STA. 2+153.592	TO STA. 2+756.900	STA. 7+501.210	TO STA. 9+385.000
STA. 4+475.071	TO STA. 4+655.000	STA. 9+580.000	TO STA. 11+870.118
STA. 5+025.000	TO STA. 5+908.938	STA. 12+142.906	TO STA. 12+291.152
STA. 6+156.199	TO STA. 6+348.742	STA. 12+587.276	TO STA. 13+143.500
STA. 6+597.330	TO STA. 6+952.819	STA. 13+752.021 (AHD)	TO STA. 16+016.000



LEGEND

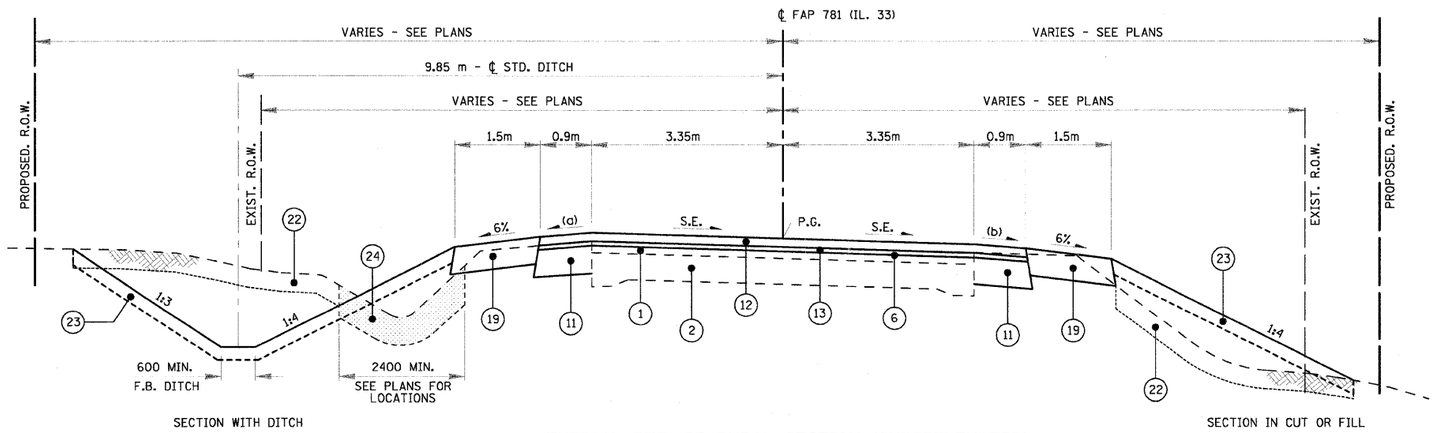
1. EXISTING BITUMINOUS SURFACE
2. EXISTING P.C. CONCRETE BASE
3. EXISTING EARTH SHOULDER
4. EXISTING CONCRETE CURB AND GUTTER
5. EXISTING CONCRETE SIDEWALK
6. M4400715 - HOT-MIX ASPHALT SURFACE REMOVAL, 15mm
   M4400725 - HOT-MIX ASPHALT SURFACE REMOVAL, 25mm
   M4400740 - HOT-MIX ASPHALT SURFACE REMOVAL, 40mm
7. M4400950 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
8. M4402000 - PAVEMENT REMOVAL
9. M4402050 - SIDEWALK REMOVAL
10. M3552100 - HOT-MIX ASPHALT BASE COURSE, VARIABLE DEPTH
11. M4820550 - HOT-MIX ASPHALT SHOULDERS, 150mm
12. M4063340 - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (38mm)
13. M4062135 - LEVELING BINDER (MACHINE METHOD), N70
15. M4075350 - HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 350mm (312mm BASE COURSE, 38mm SURFACE COURSE)
16. M3530200 - PORTLAND CEMENT CONCRETE BASE COURSE, 200mm
17. M3111100 - SUB-BASE GRANULAR MATERIAL, TYPE B, 100mm
18. M3021500 - LIME
    M3020456 - PROCESSING MODIFIED SOIL MIXTURE, 300mm
19. M4810150 - AGGREGATE SHOULDERS, TYPE B 150mm
20. M6060700 - COMBINATION CONCRETE CURB & GUTTER, TYPE B-15.60
21. M4240100 - P.C. CONCRETE SIDEWALK, 100mm
22. MX032553 - TOPSOIL EXCAVATION
23. MX032879 - TOPSOIL PLACEMENT
24. M2021200 - REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
25. MZ034730 - MODULAR RETAINING WALL SYSTEM
26. PROPOSED STORM SEWER TRUNKLINE

NOTES:

- LEVELING BINDER THICKNESS TO BE 19 mm AT CENTERLINE AND 19 mm OR GREATER AT PAVEMENT EDGES, EXCEPT AT THE BRUSH CREEK VERTICAL REALIGNMENT AREA IN WHICH THE LEVELING BINDER THICKNESS WILL VARY.
- DITCH DEPTH AND BACKSLOPES VARY IN SPECIAL DITCH LOCATIONS AND BY CERTAIN LANDOWNERS; SEE PLANS FOR EXCEPTION AREAS
- WIDENING WIDTH IS BASED ON EDGE OF UNDERLAYING CONCRETE PAVEMENT. VISABLE EDGE OF PAVEMENT MAY VARY IN DISTANCE FROM CENTERLINE DUE TO SUBSEQUENT OVERLAYS.

(a) WHEN THE SUPERELEVATION RATE OF THE PAVEMENT IS BETWEEN 0% AND 4%, THE SHOULDER SLOPE SHALL BE 4%. WHEN THE SUPERELEVATION RATE OF THE PAVEMENT EXCEEDS 4%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER IS NOT GREATER THAN 8%.

(b) SLOPE SHALL BE THE SAME AS THE SUPERELEVATION RATE, BUT NOT LESS THAN 4%.



TYPICAL RTE. 33 RURAL SECTION (SUPERELEVATED)

STA. 1+847.948	TO STA. 2+153.592	STA. 7+338.093	TO STA. 7+501.210
STA. 5+908.938	TO STA. 6+156.199	STA. 11+870.118	TO STA. 12+142.906
STA. 6+348.742	TO STA. 6+597.330	STA. 12+291.152	TO STA. 12+587.276
STA. 6+952.819	TO STA. 7+152.219		

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
F.A.P. 781

SCALE NO SCALE — DRAWN BY KOJ
DATE OCTOBER 28, 2008 — CHECKED BY LWJ

H. M. & G. NO. 4420

PLOT DATE = 11/6/2008
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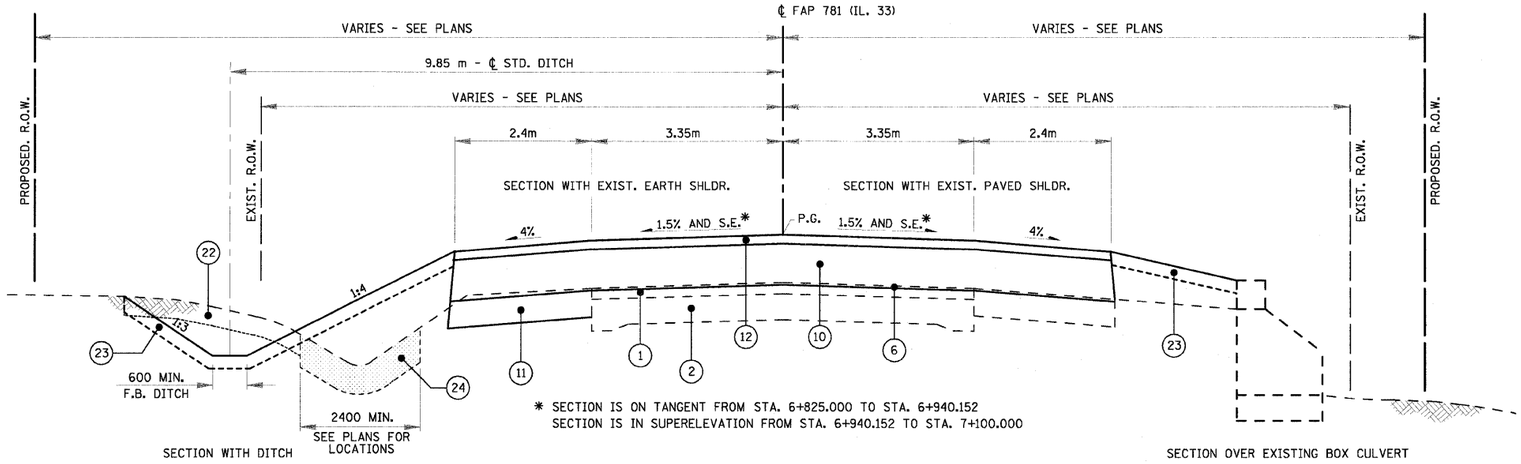
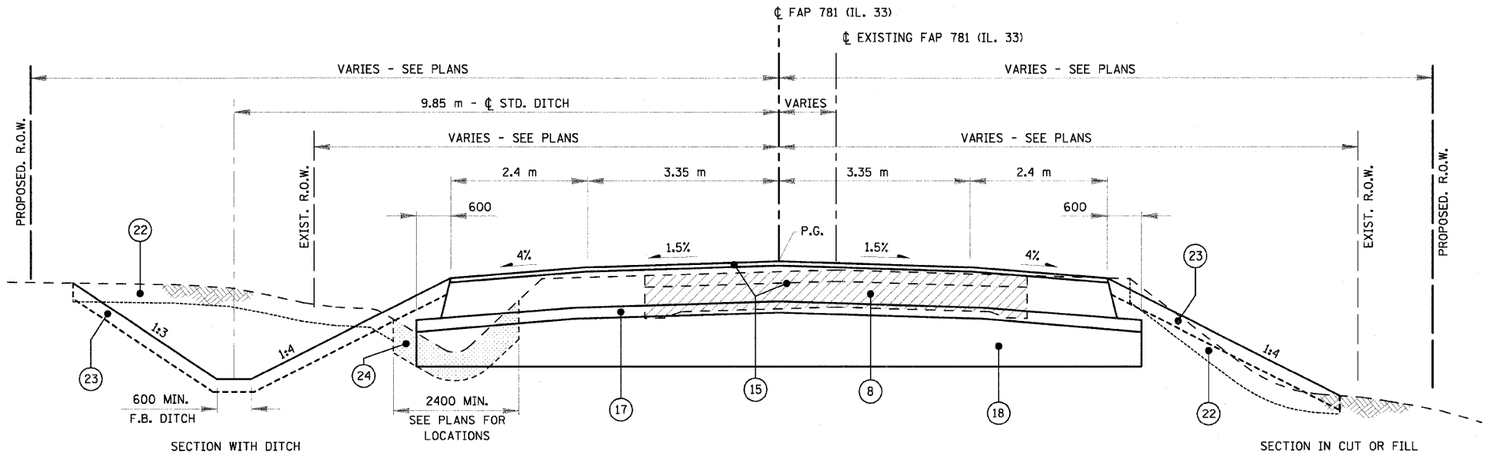
CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



TYPICAL RTE. 33 RURAL SECTION - VERTICAL REALIGNMENT

STA. 6+825.000 TO STA. 7+100.000



TYPICAL RTE. 33 RURAL SECTION - RECONSTRUCTION

STA. 13+143.500 TO STA. 13+750.733 (BK)

LEGEND

1. EXISTING BITUMINOUS SURFACE
2. EXISTING P.C. CONCRETE BASE
3. EXISTING EARTH SHOULDER
4. EXISTING CONCRETE CURB AND GUTTER
5. EXISTING CONCRETE SIDEWALK
6. M4400715 - HOT-MIX ASPHALT SURFACE REMOVAL, 15mm
   M4400725 - HOT-MIX ASPHALT SURFACE REMOVAL, 25mm
   M4400740 - HOT-MIX ASPHALT SURFACE REMOVAL, 40mm
7. M4400950 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
8. M4402000 - PAVEMENT REMOVAL
9. M4402050 - SIDEWALK REMOVAL
10. M3552100 - HOT-MIX ASPHALT BASE COURSE, VARIABLE DEPTH
11. M4820550 - HOT-MIX ASPHALT SHOULDERS, 150mm
12. M4063340 - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (38mm)
13. M4062135 - LEVELING BINDER (MACHINE METHOD), N70
15. M4075350 - HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 350mm (312mm BASE COURSE, 38mm SURFACE COURSE)
16. M3530200 - PORTLAND CEMENT CONCRETE BASE COURSE, 200mm
17. M3111100 - SUB-BASE GRANULAR MATERIAL, TYPE B, 100mm
18. M3021500 - LIME
    M3020456 - PROCESSING MODIFIED SOIL MIXTURE, 300mm
19. M4810150 - AGGREGATE SHOULDERS, TYPE B 150mm
20. M6060700 - COMBINATION CONCRETE CURB & GUTTER, TYPE B-15.60
21. M4240100 - P.C. CONCRETE SIDEWALK, 100mm
22. MX032553 - TOPSOIL EXCAVATION
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REVISIONS	
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ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
F.A.P. 781

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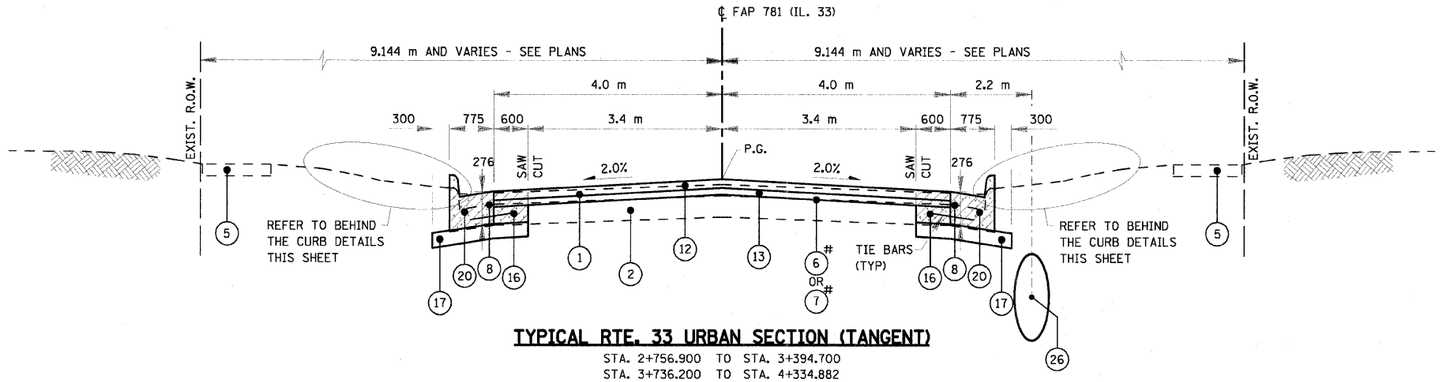
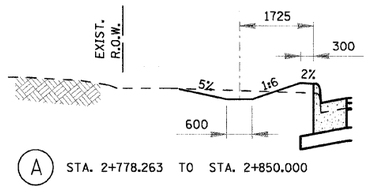
CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

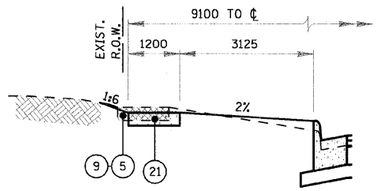


TYPICAL RTE. 33 URBAN SECTION (TANGENT)

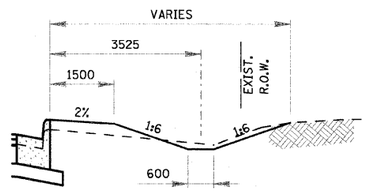
STA. 2+756.900 TO STA. 3+394.700
STA. 3+736.200 TO STA. 4+334.882



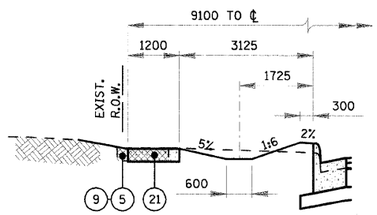
(A) STA. 2+778.263 TO STA. 2+850.000

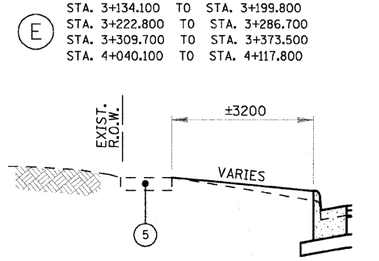


(E) STA. 3+134.100 TO STA. 3+199.800
STA. 3+222.800 TO STA. 3+286.700
STA. 3+309.700 TO STA. 3+373.500
STA. 4+040.100 TO STA. 4+117.800

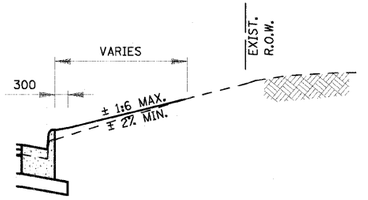


(I) STA. 2+803.000 TO STA. 2+928.030

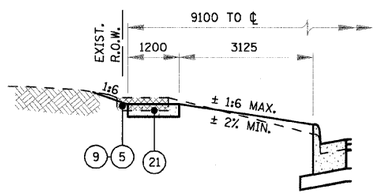




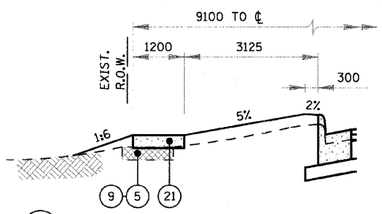
(F) STA. 3+757.300 TO STA. 3+820.800
STA. 3+989.500 TO STA. 4+020.500
STA. 4+340.100 TO STA. 4+334.882



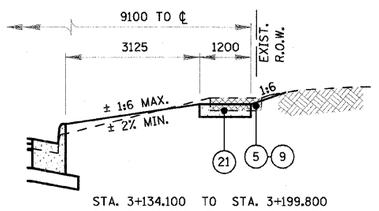
(J) STA. 2+943.045 TO STA. 3+111.100
STA. 4+294.500 TO STA. 4+334.882



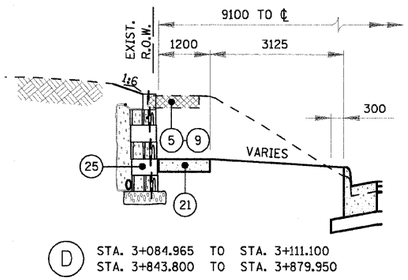
(C) STA. 2+937.100 TO STA. 2+965.800
STA. 2+988.800 TO STA. 3+084.965
STA. 3+879.950 TO STA. 3+907.500
STA. 4+129.200 TO STA. 4+297.570



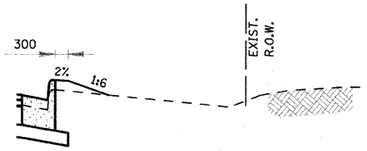
(G) STA. 3+930.500 TO STA. 3+969.900



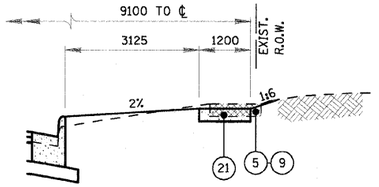
(K) STA. 3+134.100 TO STA. 3+199.800
STA. 3+222.800 TO STA. 3+286.700
STA. 3+757.555 TO STA. 3+907.555
STA. 3+930.555 TO STA. 4+037.900
STA. 4+204.300 TO STA. 4+290.700



(D) STA. 3+084.965 TO STA. 3+111.100
STA. 3+843.800 TO STA. 3+879.950



(H) STA. 2+770.950 TO STA. 2+803.000



(L) STA. 3+309.700 TO STA. 3+377.125
STA. 4+041.500 TO STA. 4+144.800
STA. 4+166.800 TO STA. 4+200.700

LEGEND

1. EXISTING BITUMINOUS SURFACE
2. EXISTING P.C. CONCRETE BASE
3. EXISTING EARTH SHOULDER
4. EXISTING CONCRETE CURB AND GUTTER
5. EXISTING CONCRETE SIDEWALK
6. M4400715 - HOT-MIX ASPHALT SURFACE REMOVAL, 15mm
   M4400725 - HOT-MIX ASPHALT SURFACE REMOVAL, 25mm
   M4400740 - HOT-MIX ASPHALT SURFACE REMOVAL, 40mm
7. M4400950 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
8. M4402000 - PAVEMENT REMOVAL
9. M4402050 - SIDEWALK REMOVAL
10. M3552100 - HOT-MIX ASPHALT BASE COURSE, VARIABLE DEPTH
11. M4820550 - HOT-MIX ASPHALT SHOULDERS, 150mm
12. M4063340 - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (38mm)
13. M4062135 - LEVELING BINDER (MACHINE METHOD), N70
15. M4075350 - HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 350mm (312mm BASE COURSE, 38mm SURFACE COURSE)
16. M3530200 - PORTLAND CEMENT CONCRETE BASE COURSE, 200mm
17. M3111100 - SUB-BASE GRANULAR MATERIAL, TYPE B, 100mm
18. M3021500 - LIME
    M3020456 - PROCESSING MODIFIED SOIL MIXTURE, 300mm
19. M4810150 - AGGREGATE SHOULDERS, TYPE B 150mm
20. M6060700 - COMBINATION CONCRETE CURB & GUTTER, TYPE B-15.60
21. M4240100 - P.C. CONCRETE SIDEWALK, 100mm
22. MX032553 - TOPSOIL EXCAVATION
23. MX032879 - TOPSOIL PLACEMENT
24. M2021200 - REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
25. MZ034730 - MODULAR RETAINING WALL SYSTEM
26. PROPOSED STORM SEWER TRUNKLINE

SEE HMA SURFACE REMOVAL SCHEDULE FOR LIMITS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
F.A.P. 781

SCALE NO SCALE DRAWN BY KOJ
DATE OCTOBER 28, 2008 CHECKED BY LWJ

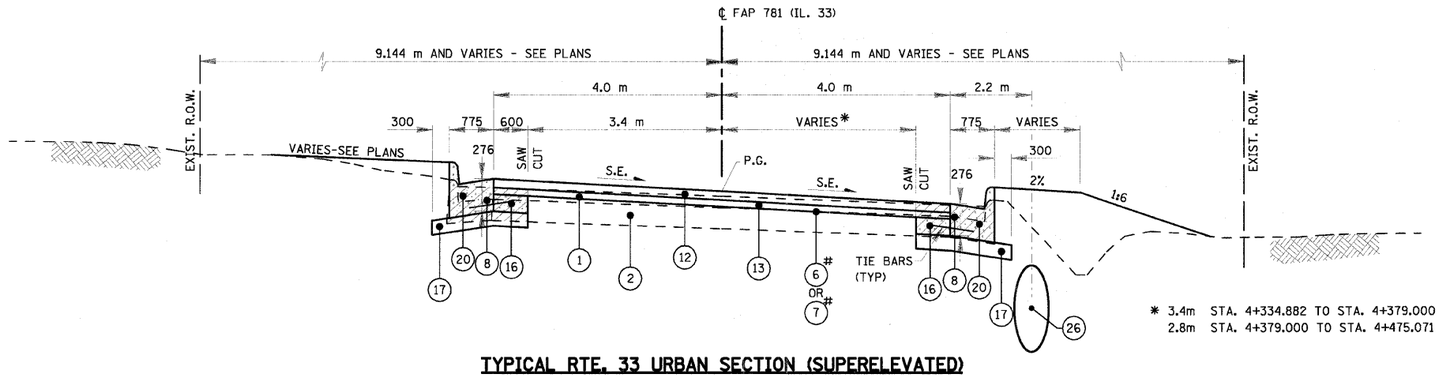
H. M. & G. NO. 4420

PLOT DATE = 11/6/2008
FILE NAME = N:\4420\Final Plans\Drawings\D794533\SHT_0079_typsec.dgn

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

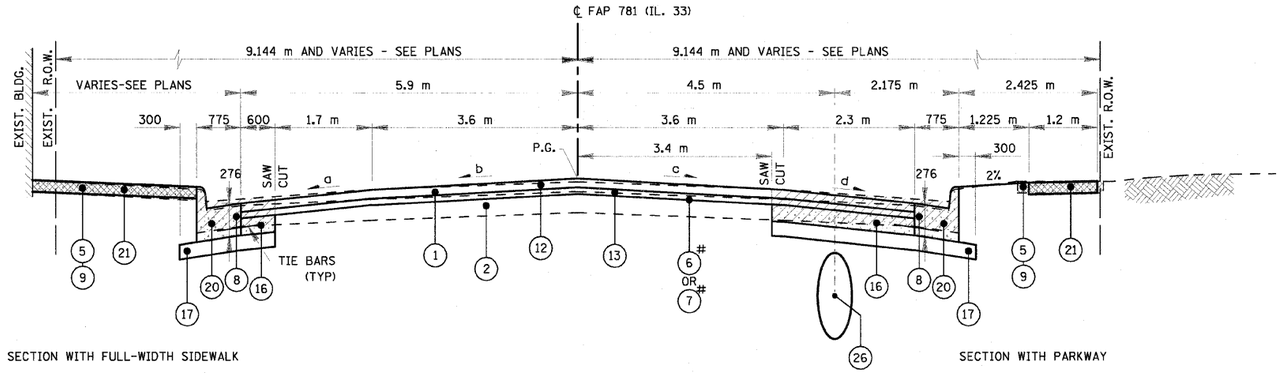
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



* 3.4m STA. 4+334.882 TO STA. 4+379.000
2.8m STA. 4+379.000 TO STA. 4+475.071

TYPICAL RTE. 33 URBAN SECTION (SUPERELEVATED)

STA. 4+334.882 TO STA. 4+475.071



SECTION WITH FULL-WIDTH SIDEWALK

SECTION WITH PARKWAY

LOCATION	PAVEMENT CROSSLOPES (PERCENT)			
	a	b	c	d
STA. 3+394.700 TO STA. 3+463.476	4.0	2.0	2.0	4.0
STA. 3+463.476 TO STA. 3+468.500	4.0	2.0	2.0	TRANSITION
STA. 3+468.500 TO STA. 3+488.500	4.0	2.0	2.0	3.0
STA. 3+488.500 TO STA. 3+498.500	4.0	TRANSITION	2.0	3.0
STA. 3+498.500 TO STA. 3+525.000	4.0	4.0	2.0	3.0
STA. 3+525.000 TO STA. 3+532.500	4.0	4.0	TRANSITION	TRANSITION
STA. 3+532.500 TO STA. 3+675.000	4.0	4.0	1.5	1.5
STA. 3+675.000 TO STA. 3+725.000	4.0	TRANSITION	TRANSITION	TRANSITION
STA. 3+725.000 TO STA. 3+736.200	4.0	2.0	2.0	4.0

TYPICAL RTE. 33 URBAN SECTION (TANGENT)

STA. 3+394.700 TO STA. 3+736.200
RANGE ST. (NORTH & SOUTH)

LEGEND

1. EXISTING BITUMINOUS SURFACE
2. EXISTING P.C. CONCRETE BASE
3. EXISTING EARTH SHOULDER
4. EXISTING CONCRETE CURB AND GUTTER
5. EXISTING CONCRETE SIDEWALK
6. M4400715 - HOT-MIX ASPHALT SURFACE REMOVAL, 15mm
   M4400725 - HOT-MIX ASPHALT SURFACE REMOVAL, 25mm
   M4400740 - HOT-MIX ASPHALT SURFACE REMOVAL, 40mm
7. M4400950 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
8. M4402000 - PAVEMENT REMOVAL
9. M4402050 - SIDEWALK REMOVAL
10. M3552100 - HOT-MIX ASPHALT BASE COURSE, VARIABLE DEPTH
11. M4820550 - HOT-MIX ASPHALT SHOULDERS, 150mm
12. M4063340 - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (38mm)
13. M4062135 - LEVELING BINDER (MACHINE METHOD), N70
15. M4075350 - HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 350mm (312mm BASE COURSE, 38mm SURFACE COURSE)
16. M3530200 - PORTLAND CEMENT CONCRETE BASE COURSE, 200mm
17. M3111100 - SUB-BASE GRANULAR MATERIAL, TYPE B, 100mm
18. M3021500 - LIME
    M3020456 - PROCESSING MODIFIED SOIL MIXTURE, 300mm
19. M4810150 - AGGREGATE SHOULDERS, TYPE B 150mm
20. M6060700 - COMBINATION CONCRETE CURB & GUTTER, TYPE B-15.60
21. M4240100 - P.C. CONCRETE SIDEWALK, 100mm
22. MX032553 - TOPSOIL EXCAVATION
23. MX032879 - TOPSOIL PLACEMENT
24. M2021200 - REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
25. MZ034730 - MODULAR RETAINING WALL SYSTEM
26. PROPOSED STORM SEWER TRUNKLINE

SEE HMA SURFACE REMOVAL SCHEDULE FOR LIMITS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
F.A.P. 781

SCALE NO SCALE DRAWN BY KOJ
DATE OCTOBER 28, 2008 CHECKED BY LWJ

H. M. & G. NO. 4420

PLOT DATE = 11/6/2008
FILE NAME = H:\4420\Final Plans\Drawings\D794533\SHT_003_typsec.dgn

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

TREE REMOVAL (6 TO 15 UNITS DIAMETER)
TREE REMOVAL (OVER 15 UNITS DIAMETER)
TREE REMOVAL HECTARES

LOCATION STATION	OFFSET	RT/LT	EXISTING OCTOBER, 1996 TREE SURVEY mm	COMMON NAME	TREE REMOVAL (6 TO 15 UNITS DIAMETER) UNIT	TREE REMOVAL (OVER 15 UNITS DIAMETER) UNIT	TREE REMOVAL, HECTARES HA
RURAL							
STA 1+772.4	10.7	LT			6		
STA 1+787.4	10.9	LT			6		
STA 1+886.5	7.8	RT			6		
STA 1+886.5	18.4	RT			6		
STA 1+887.3	15.1	RT	275	CMN PERSIMMON	11		
STA 1+888.3	18.1	RT			6		
STA 1+889.9	17.5	RT			6		
STA 1+923.7	10.5	RT			6		
STA 1+959.2	29.1	RT			6		
STA 1+966.7	8.9	LT	1025	RED MAPLE		40	
STA 1+970.2	24.7	RT	450	RED MAPLE		18	
STA 2+009.3	9.8	LT			6		
STA 2+036.0 TO 2+120.0	13.0	RT					0.04
STA 2+327.8	20.0	RT			6		
STA 2+440.0	19.8	RT			6		
STA 2+555.6	8.2	LT	325	RED MAPLE	13		
STA 2+564.5	8.1	LT	450	RED MAPLE		18	
STA 2+582.3	9.3	LT	375	RED MAPLE	15		
STA 2+590.7	9.5	LT	500	SUGAR MAPLE		20	
STA 2+598.2	8.6	LT	600	RED MAPLE		24	
OBLONG							
STA 2+906.2	5.8	LT	800	RED MAPLE		28	
STA 2+924.4	6.0	LT	925	RED MAPLE		37	
STA 2+943.4	6.5	LT	800	RED MAPLE		28	
STA 2+959.6	5.9	LT	1075	RED MAPLE		43	
STA 2+971.6	11.2	LT			6		
STA 2+987.1	10.6	LT			6		
STA 2+997.9	10.2	LT			6		
STA 3+027.9	5.7	LT	375	RED MAPLE	15		
STA 3+036.8	5.9	LT	550	RED MAPLE		22	
STA 3+044.7	6.5	LT	550	RED MAPLE		22	
STA 3+058.0	6.1	LT	350	RED MAPLE	14		
STA 3+069.6	5.6	LT	625	RED MAPLE		25	
STA 3+099.3	6.3	LT	725	RED MAPLE		29	
STA 3+108.1	6.1	LT	500	RED MAPLE		20	
STA 3+115.7	6.1	LT	425	RED MAPLE	17		
STA 3+129.2	9.6	LT	525	SUGAR MAPLE		21	
STA 3+135.2	9.9	LT			6		
STA 3+142.3	9.7	LT			6		
STA 3+217.2	9.8	LT	450	SUGAR MAPLE		18	
STA 3+281.7	9.4	RT			6		
STA 3+291.3	11.2	RT			6		
STA 3+765.0	6.6	LT	325	RED MAPLE	13		
STA 3+844.0	9.6	LT			6		
STA 3+862.0	9.7	LT			6		
STA 4+224.4	6.8	LT			6		
STA 4+231.2	6.9	LT			6		
STA 4+259.9	6.5	LT		WILLOW	6		
STA 4+268.8	6.7	LT		WILLOW	6		
STA 4+468.2	11.7	LT			6		
RURAL							
STA 6+732.0	10.8	RT	625	RED MAPLE		25	
STA 6+829.0	13.0	RT		ELM	6		
STA 6+835.4	13.8	RT	675	RED MAPLE		27	
STA 6+845.0	14.0	RT		ELM	6		
STA 6+850.5	12.3	RT	675	RED MAPLE		27	
STA 6+869.8	8.6	RT	150/75 TWIN	SLIPPERY ELM	9		
STA 7+249.5	6.7	LT	425	RED MAPLE		17	
STA 7+257.7	7.2	LT	650	RED MAPLE		26	
STA 7+264.4	7.1	LT	325	SUGAR MAPLE	13		
STA 7+271.9	6.7	LT	550	RED MAPLE		22	
STA 7+294.0 TO 7+328.0	22.0	LT					0.07
STA 7+405.7	8.1	RT	800	AMERICAN ELM		32	
STA 7+613.6	10.9	RT	175	WHITE PINE	7		
STA 7+616.2	10.8	RT	150	WHITE PINE	6		
STA 7+622.2	11.1	RT	175	WHITE PINE	7		
STA 7+627.3	11.4	RT	150	WHITE PINE	6		
STA 7+629.3	11.4	RT	150	WHITE PINE	6		
STA 7+632.2	10.7	RT	175	WHITE PINE	7		
STA 7+636.3	11.1	RT	150	WHITE PINE	6		
STA 7+641.0	11.1	RT		EVERGREEN	7		
STA 7+644.7	11.0	RT		EVERGREEN	6		
STA 8+046.1	11.0	RT	900	SILVER MAPLE		36	
STA 8+054.1	11.4	RT	600	HACKBERRY		24	
STA 8+746.3	9.5	LT	325	RIVER BIRCH	13		
STA 9+675.0 TO 9+904.0	14.0	LT					0.11
STA 10+181.0 TO 10+231.0	14.0	RT					0.03
STA 11+123.0 TO 11+143.0	10.0	LT					0.01
STA 11+465.0 TO 11+555.0	16.0	LT					0.05
STA 11+475.0 TO 11+508.0	16.0	RT					0.02
STA 11+755.0 TO 11+786.0	19.0	RT					0.01
STA 11+767.0 TO 11+792.0	13.0	LT					0.02
STA 12+489.0 TO 12+615.0	15.0	LT					0.11
STA 12+703.0 TO 12+753.0	10.0	RT					0.02
STA 12+773.0 TO 12+846.0	20.0	RT					0.02
STA 12+793.2	11.9	LT	950	WHITE OAK		38	
STA 12+809.6	12.1	LT	450	SHAGBARK HKRY		18	
STA 12+835.3	12.0	LT	800	WHITE OAK		32	
STA 13+033.0 TO 13+050.0	13.0	RT					0.01
STA 13+109.4	10.5	LT	300	WHITE OAK	12		
STA 13+506.2	7.5	RT	425	SUGAR MAPLE		17	
STA 13+523.9	7.5	RT	425	SUGAR MAPLE		17	
STA 13+532.4	7.2	RT	400	RED MAPLE		16	
STA 13+564.2	9.0	RT	500	WHITE PINE		20	
STA 13+569.6	8.9	RT	550	RED MULBERRY		22	
STA 13+575.3	10.4	RT	250	RED PINE	10		
STA 13+585.0	9.7	RT	500	ESTRN WHITE PINE		20	
STA 13+595.0	9.5	RT	325	CHINESE ELM	13		
STA 13+620.9	9.2	RT	750	SHINGLE OAK		30	
STA 13+629.2	12.8	RT	325	ESTRN RED CEDAR	13		
STA 13+642.9	12.6	RT	600	GREEN ASH		24	
TOTALS					401	903	0.52
TOTALS ROUNDED FOR SUMMARY SHEET					401	903	0.6

PAVED DITCH REMOVAL

LOCATION STATION	RT/LT	PAVED DITCH REMOVAL M4405000 METER
RURAL		
STA. 4+535.2 TO 4+597.3	RT	62.1
STA. 4+538.0 TO 4+580.5	LT	42.5
STA. 4+590.2 TO 4+611.0	LT	20.8
STA. 5+008.0 TO 5+116.0	LT	108.0
STA. 9+063.0 TO 9+184.5	RT	121.5
STA. 9+195.0 TO 9+208.0	RT	14.5
STA. 9+652.0 TO 9+676.5	RT	26.0
STA. 9+687.5 TO 9+712.5	RT	25.0
STA. 9+704.6 TO 9+769.0	LT	64.4
STA. 9+727.5 TO 9+769.0	RT	41.5
STA. 10+0665 TO 10+115.0	RT	74.0
STA. 10+193.3 TO 10+255.7	LT	62.8
STA. 11+440.3 TO 11+474.0	RT	33.7
STA. 11+441.8 TO 11+471.0	LT	29.2
STA. 11+500.0 TO 11+536.0	LT	37.0
STA. 11+534.0 TO 11+559.0	RT	25.5
STA. 11+760.0 TO 11+775.7	RT	15.7
STA. 11+805.8 TO 11+820.4	LT	14.6
STA. 12+357.5 TO 12+447.5	LT	90.0
STA. 12+358.5 TO 12+445.5	RT	87.0
TOTALS		995.8
TOTALS ROUNDED FOR SUMMARY SHEET		996

BUILDING REMOVAL

LOCATION STATION	RT/LT	BUILDING REMOVAL NO. 1 L. SUM
STA. 13+290	LT	1
TOTAL		1

GUARDRAIL REMOVAL

LOCATION STATION	RT/LT	GUARDRAIL REMOVAL M6320030 METER
OBLONG		
STA 2+762.000 TO 2+768.000	RT	6.6
RURAL		
STA 6+323.800 TO 6+328.600	RT	4.8
TOTAL		11.4
TOTAL ROUNDED FOR SUMMARY SHEET		12

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE NO SCALE DRAWN BY KOJ

DATE APRIL 18, 2008 CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70014_sch_all schedules_V8.dgn

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SIDEWALK REMOVAL

LOCATION				SIDEWALK REMOVAL	
				100% STATE	100% CITY
				M4402050	
STATION	TO	STATION	LT/RT	SQ M	
2+855.2	TO	2+889.3	LT	3.23	28.80
2+861.4			LT		1.23
2+877.3			LT		1.39
2+895.8	TO	2+974.2	LT	27.53	64.92
2+909.0			LT		1.07
2+928.5			LT		1.06
2+962.0			LT		1.15
2+980.3	TO	3+119.3	LT	52.13	115.68
2+993.1			LT		1.37
3+011.7			LT		2.07
3+032.5			LT		2.36
3+032.5			LT		0.78
3+050.4			LT		1.32
3+050.5			LT		3.35
3+070.1			LT		1.28
3+089.0			LT	1.38	
3+107.6	TO	3+120.7	RT	40.36	
3+108.7			RT	3.81	
3+109.2			LT	4.16	
3+112.5			RT	5.11	
3+126.6	TO	3+162.8	LT	11.79	31.92
3+128.2	TO	3+207.6	RT	44.90	94.86
3+140.9			RT		1.63
3+142.8			RT		5.97
3+143.0			LT		5.76
3+144.3			LT		0.99
3+157.1			LT		1.43
3+165.1	TO	3+173.4	LT	10.14	
3+178.0	TO	3+207.8	LT	23.95	21.00
3+189.3			LT		2.07
3+202.4			RT	1.08	
3+215.0	TO	3+294.6	LT	31.91	48.60
3+215.1	TO	3+294.3	RT	41.71	67.44
3+221.3			LT	1.67	
3+229.4			RT		2.83
3+246.1			RT		2.57
3+260.9			RT		2.80
3+265.6			LT	1.29	
3+280.0			RT		2.88
3+283.2			LT		1.26
3+301.5	TO	3+380.4	LT	45.31	65.88
3+301.7	TO	3+381.5	RT	85.25	34.08
3+315.6			LT		1.05
3+333.8			LT		1.02
3+362.6			LT		2.45
3+389.0	TO	3+421.3	RT	24.24	14.40
3+390.3	TO	3+432.0	LT	27.44	38.88
3+396.6			RT		1.45
3+411.7			LT		1.56
3+411.7			LT		1.03
3+440.3	TO	3+468.1	RT	70.92	
3+442.5	TO	3+478.9	LT	67.48	37.68
3+477.6	TO	3+486.7	RT	24.58	
3+486.9	TO	3+498.8	LT	15.04	8.40
3+503.5	TO	3+527.2	RT	53.42	45.50
3+513.0	TO	3+567.9	LT	105.70	110.00
3+531.9	TO	3+567.0	RT	88.74	28.90
3+577.1	TO	3+654.8	RT	212.46	58.40
3+577.3	TO	3+654.8	LT	154.02	152.60
3+663.7	TO	3+674.5	LT	19.74	
3+664.4	TO	3+740.0	RT	89.84	
3+671.9			RT	2.11	
3+734.7	TO	3+742.0	LT	8.76	
3+749.1	TO	3+880.4	RT	71.16	111.72
3+749.5	TO	3+757.5	LT	22.32	
3+800.5			RT	2.66	
3+820.6	TO	3+828.7	LT	10.13	
3+832.3			RT		1.49
3+836.1	TO	3+915.5	LT	101.13	11.52
3+853.6			LT	3.58	
3+853.7			LT	2.44	

LOCATION				SIDEWALK REMOVAL	
				100% STATE	100% CITY
				M4402050	
STATION	TO	STATION	LT/RT	SQ M	
3+860.4			RT		2.38
3+860.4			RT		1.26
3+880.6			LT	2.84	
3+880.6			LT	2.89	
3+884.1	TO	3+891.0	RT	8.56	
3+894.0	TO	3+915.5	RT	28.36	13.08
3+898.0			RT		1.73
3+898.8			LT		3.22
3+922.8	TO	4+152.5	RT	77.62	201.36
3+922.8	TO	3+973.9	LT	58.92	
3+933.0			RT		2.82
3+934.7			LT	1.80	
3+953.0			RT		1.16
3+985.7	TO	3+988.5	LT	3.91	
3+996.1			RT		1.68
4+005.2			RT		1.86
4+021.5	TO	4+024.4	LT	4.05	
4+030.4			RT		0.30
4+036.3	TO	4+302.2	LT	81.73	234.00
4+085.4			RT		1.41
4+105.7			RT		2.22
4+112.5			LT		1.63
4+129.9			RT		1.59
4+160.1	TO	4+289.9	RT	40.94	113.88
4+176.1			RT		0.49
4+179.0			LT		1.28
4+211.2			LT		1.69
4+218.6			RT		0.97
4+237.1			LT		0.12
TOTALS				1,926.24	1,839.98
TOTALS ROUNDED FOR SUMMARY SHEET				1927	1840

COMBINATION CURB AND GUTTER REMOVAL

LOCATION				COMBINATION CURB AND GUTTER REMOVAL
				M4402040
STATION	TO	STATION	LT/RT	METER
OBLONG				
STA 2+756.9	TO	JEFFERSON STREET	RT	281.50
TR 150	TO	JOY STREET	LT	89.40
JOY STREET	TO	MADISON STREET	LT	63.00
MADISON STREET	TO	JEFFERSON STREET	LT	84.90
JEFFERSON STREET	TO	WASHINGTON STREET	LT	112.60
JEFFERSON STREET	TO	WASHINGTON STREET	RT	59.50
WASHINGTON STREET	TO	JACKSON STREET	LT	68.20
WASHINGTON STREET	TO	JACKSON STREET	RT	65.20
JACKSON STREET	TO	WILSON STREET	LT	77.60
JACKSON STREET	TO	ADAMS STREET	RT	89.70
WILSON STREET	TO	RANGE STREET	LT	156.50
ADAMS STREET	TO	RANGE STREET	RT	68.40
RANGE STREET	TO	GARFIELD STREET	LT	82.20
RANGE STREET	TO	GARFIELD STREET	RT	84.80
GARFIELD STREET	TO	GRANT STREET	LT	81.40
GARFIELD STREET	TO	GRANT STREET	RT	10.60
GRANT STREET	TO	HARRISON STREET	LT	84.90
HARRISON STREET	TO	TAYLOR STREET	LT	85.20
GRANT STREET	TO	TAYLOR STREET	RT	137.20
TAYLOR STREET	TO	STA 4+475.071	LT	332.20
TAYLOR STREET	TO	ROOSEVELT STREET	RT	199.20
ROOSEVELT STREET	TO	STA 4+475.071	RT	181.20
TOTALS				2,495.40
TOTALS ROUNDED FOR SUMMARY SHEET				2,496

DRIVEWAY PAVEMENT REMOVAL

LOCATION		DRIVEWAY PAVEMENT REMOVAL	LOCATION		DRIVEWAY PAVEMENT REMOVAL
		M4402010			M4402010
STATION	RT/LT	SQ M	STATION	RT/LT	SQ M
RURAL			**RURAL**		
STA 1+392.000	LT	78.4	STA 6+483.500	RT	415.8
STA 2+403.300	RT/LT	152.6	STA 6+572.500	RT	28.0
STA 2+575.600	LT	73.1	STA 6+784.500	RT	55.6
OBLONG			STA 6+819.200	RT	63.6
STA 2+789.500	LT	15.6	STA 7+090.000	LT	39.3
STA 2+934.500	LT	18.9	STA 7+328.600	LT	113.6
STA 2+937.700	RT	41.9	STA 7+509.000	LT	60.5
STA 2+989.500	RT	114.9	STA 8+063.000	RT	35.9
STA 3+073.400	LT	10.0	STA 8+607.000	RT	55.4
STA 3+163.800	RT	29.1	STA 8+651.000	RT	81.0
STA 3+163.900	LT	13.4	STA 8+705.600	LT	60.4
STA 3+176.000	LT	25.9	STA 8+739.700	LT	99.2
STA 3+252.200	LT	12.3	STA 8+770.500	LT	57.1
STA 3+255.100	RT	9.5	STA 8+792.000	LT	63.4
STA 3+269.400	LT	13.8	STA 8+793.300	RT	92.8
STA 3+308.500	LT	9.7	STA 8+843.000	LT	391.3
STA 3+317.800	RT	58.3	STA 9+073.000	LT	93.1
STA 3+334.000	RT	48.7	STA 9+948.600	LT	104.4
STA 3+345.500	RT	12.2	STA 10+500.000	LT	206.2
STA 3+354.500	LT	12.5	STA 11+571.600	RT	230.1
STA 3+433.400	RT	90.5	STA 11+698.000	RT	234.1
STA 3+437.300	LT	37.4	STA 11+756.500	LT	124.8
STA 3+452.200	RT	40.9	STA 13+097.000	LT	26.3
STA 3+493.700	RT	83.6	STA 13+140.500	LT	56.9
STA 3+504.600	LT	34.2	STA 13+163.500	LT	74.5
STA 3+529.700	RT	22.6	STA 13+802.800	RT	65.2
STA 3+681.850	RT	67.6	STA 14+242.400	LT	482.5
STA 3+696.300	RT	40.0	STA 14+265.500	LT	386.1
STA 3+708.200	RT	122.4	STA 14+308.900	LT	416.3
STA 3+790.100	RT	18.2	STA 14+447.300	LT	132.2
STA 3+806.100	RT	11.7	STA 14+447.300	RT	106.9
STA 3+822.600	RT	10.8	STA 14+600.800	LT	62.5
STA 3+882.200	RT	18.4	STA 14+629.900	RT	130.1
STA 3+887.900	LT	9.6	STA 14+664.800	RT	93.3
STA 3+892.500	RT	15.4	STA 14+711.600	LT	101.1
STA 3+906.322	LT	12.4	STA 14+725.800	RT	64.0
STA 3+943.900	RT	13.8	STA 14+763.300	RT	164.8
STA 3+979.700	LT	79.9	STA 14+926.300	LT	55.2
STA 3+984.000	RT	13.7	STA 15+321.000	LT	128.4
STA 3+989.500	RT	10.9	STA 15+454.800	LT	160.0
STA 4+030.300	LT	80.9	**URBAN**		
STA 4+039.700	RT	10.2	STA 15+660.800	LT	77.8
STA 4+072.000	LT	13.5	STA 15+723.100	RT	128.4
STA 4+075.600	RT	21.4	STA 15+931.300	RT	96.8
STA 4+098.500	LT	21.2	STA 15+960.300	LT	99.4
STA 4+112.200	RT	13.1			
STA 4+119.600	LT	16.8	**JACKSON ST.**		
STA 4+126.700	LT	29.8	STA 10+019.200	LT	92.1
STA 4+168.500	LT	17.1	**ADAMS ST.**		
STA 4+189.800	LT	12.5	STA 10+015.100	RT	46.5
STA 4+202.500	RT	14.5	STA 10+015.100	LT	27.4
STA 4+220.500	LT	20.0	**GARFIELD ST.**		
STA 4+223.200	RT	24.2	STA 10+016.225	LT	20.6
STA 4+257.700	RT	21.5	**GRANT ST.**		
STA 4+292.600	RT	23.8	STA 10+014.700	RT	38.5
STA 4+307.000	LT	43.4	**HARRISON ST.**		
STA 4+374.000	RT	40.7	STA 9+975.225	LT	66.3
STA 4+391.900	LT	167.0	**TOWNSHIP ROAD TR 450E**		
STA 4+432.100	LT	223.9	STA 10+040.000	RT	49.3
STA 4+441.500	RT	43.8			
STA 4+452.600	LT	149.0			
SUBTOTALS		2,513.1	SUBTOTALS		6,155.0
TOTALS					8,668.1
TOTALS ROUNDED FOR SUMMARY SHEET					8,669

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE NO SCALE DRAWN BY KOJ

DATE APRIL 18, 2008 CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70814_sch_all schedules_V8.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	16
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

HOT-MIX ASPHALT SURFACE REMOVAL

LOCATION				HOT-MIX ASPHALT SURFACE REMOVAL						TEMPORARY RAMP
				15mm	25mm	40mm	VARIABLE DEPTH			
							15mm @ CENTERLINE	25mm @ CENTERLINE	40mm @ CENTERLINE	
				M4400715	M4400725	M4400740	M4400950			M4060990
STATION	TO	STATION	RT/LT	SQ M	SQ M	SQ M	SQ M	SQ M	SQ M	SQ M
RURAL										
0+915.000	TO	0+935.000	LT & RT							
0+935.000	TO	2+756.900	LT & RT	13570.7						
OBLONG										
2+756.900	TO	3+155.000	LT	1353.5						
2+756.900	TO	2+770.950	RT	54.6						
2+770.950	TO	3+155.000	RT	1305.8						
3+155.000	TO	3+350.000	LT & RT		1326.0					
3+350.000	TO	3+394.700	LT & RT	304.0						
3+394.700	TO	3+495.000	LT & RT	872.6						
3+495.000	TO	3+535.000	LT			212.0				
3+495.000	TO	3+535.000	RT	136.0						
3+535.000	TO	3+555.000	LT & RT				174.0			
3+555.000	TO	3+625.000	LT & RT						608.9	
3+625.000	TO	3+736.200	LT & RT					967.5		
3+736.200	TO	3+755.000	LT & RT					127.8		
3+755.000	TO	4+055.000	LT & RT	2040.0						
4+055.000	TO	4+360.000	LT & RT		2074.0					
4+360.000	TO	4+440.000	LT & RT	513.6						
4+440.000	TO	4+475.071	LT				132.4			
4+440.000	TO	4+475.071	RT	103.7						
RURAL										
4+475.071	TO	4+635.000	LT				594.7			
4+475.071	TO	4+635.000	RT	483.6						
4+635.000	TO	4+655.000	LT & RT							
DOGWOOD CREEK BRIDGE AND ROAD OMMISION										
5+025.000	TO	5+045.000	LT & RT							
5+045.000	TO	5+370.000	LT	1244.2						
5+045.000	TO	5+940.000	RT	3284.3						
5+370.000	TO	5+730.000	LT				1424.6			
5+730.000	TO	6+560.000	LT	2950.3						
5+940.000	TO	6+120.000	RT				672.4			
6+120.000	TO	6+230.000	RT	400.2						
6+230.000	TO	6+690.000	RT				1799.8			
6+560.000	TO	6+690.000	LT				471.6			
6+690.000	TO	7+130.000	RT	1636.2						
6+690.000	TO	7+370.000	LT	2414.1						
7+130.000	TO	7+170.000	RT				143.6			
7+170.000	TO	7+490.000	RT	1137.4						
7+370.000	TO	7+470.000	LT				382.1			
7+470.000	TO	8+420.000	LT	3574.4						
7+490.000	TO	7+520.000	RT				106.0			
7+520.000	TO	7+680.000	RT	597.1						
7+680.000	TO	7+730.000	RT				192.2			
7+730.000	TO	8+440.000	RT	2723.1						
8+420.000	TO	8+460.000	LT				148.4			
8+440.000	TO	8+500.000	RT				237.9			
8+460.000	TO	9+365.000	LT	3243.8						
8+500.000	TO	8+590.000	RT	361.8						
8+590.000	TO	8+630.000	RT				159.7			
8+630.000	TO	8+710.000	RT	315.7						
8+710.000	TO	8+790.000	RT				310.5			
8+790.000	TO	9+365.000	RT	2043.7						
9+365.000	TO	9+385.000	LT & RT							
BIG CREEK BRIDGE AND ROAD OMMISION										
9+580.000	TO	9+600.000	LT & RT							
9+600.000	TO	9+980.000	LT	1444.8						
9+600.000	TO	12+165.000	RT	9271.0						
9+980.000	TO	10+010.000	LT				120.1			
10+010.000	TO	13+143.500	LT	11576.0						
12+165.000	TO	12+355.000	RT				663.3			
12+355.000	TO	13+143.500	RT	2847.7						
RELOCATION (NO SURFACE REMOVAL)										
13+752.021	TO	13+820.000	LT	254.4						
13+752.021	TO	14+655.000	RT	3216.6						
13+820.000	TO	13+885.000	LT				241.7			
13+885.000	TO	14+460.000	LT	2230.1						
14+460.000	TO	14+560.000	LT				386.1			
14+560.000	TO	15+545.000	LT	3796.2						
14+655.000	TO	14+870.000	RT				878.6			
14+870.000	TO	15+545.000	RT	2475.0						
URBAN										
15+545.000	TO	15+996.000	LT	1690.0						
15+545.000	TO	15+996.000	RT	1721.4						
15+996.000	TO	16+016.000	LT & RT							
SUBTOTALS				87187.6	3400.0	212.0	9239.7	1095.3	608.9	88.4
TOTALS				87187.6	3400.0	212.0		10943.9		88.4
TOTALS ROUNDED FOR SUMMARY SHEET				87188	3400	212		10944		89

REMOVAL OF EXISTING STRUCTURES

LOCATION		DESCRIPTION	REMOVAL OF EXISTING STRUCTURES
			50100X00
STATION	RT/LT		EACH
OBLONG			
STA 3+482	RT	CONCRETE BOLLARD; APPROX. 1.5m(L) X 1.2m(W) X 0.3m(H)	NO. 1
STA 3+486	RT	CONCRETE BOLLARD; APPROX. 1.4m(L) X 1.3m(W) X 0.3m(H)	NO. 2
STA 3+858	LT	CONCRETE WALL; APPROX. 37.5m(L) X 0.2m(W) X 0.5m(H)	NO. 3
STA 3+852	LT	BRICK COLUMN; APPROX. 500mm(L) X 500mm(W) X 900mm(H)	NO. 4
STA 3+854	LT	BRICK COLUMN; APPROX. 500mm(L) X 500mm(W) X 900mm(H)	NO. 5
STA 4+289	RT	BRICK COLUMN; APPROX. 450mm(L) X 450mm(W) X 900mm(H)	NO. 6
STA 4+295	RT	BRICK COLUMN; APPROX. 450mm(L) X 450mm(W) X 900mm(H)	NO. 7
RURAL			
STA 5+750	LT	1.8m X 7.3m STEEL PIPE BRIDGE AND FOUNDATION. THE THE BRIDGE CONSISTS OF 27 - 64mm DIAMETER STEEL PIPE	NO. 8
STA 7+446	LT	CONCRETE FOUNDATION TO BE REMOVED TO THE PROPOSED RIGHT-OF-WAY LINE. APPROX. 3.8m(L) X 3.4m(W)	NO. 9
STA 13+661	LT	CONCRETE WEIR; APPROX. 5.1 SQ. M	NO. 10
URBAN			
STA 15+654	RT	MASONRY COLUMN; APPROX. 600mm(L) X 600mm(W) X1200mm(H)	NO. 11
STA 15+666	RT	MASONRY COLUMN; APPROX. 600mm(L) X 600mm(W) X1200mm(H)	NO. 12

STORM SEWER REMOVAL

LOCATION		STORM SEWER REMOVAL					TRENCH BACKFILL
		150	300	450	525	600	
		M5510010	M5510025	M5510045	M5510055	M5510060	M2080150
STATION	LT/RT/AR	METER	METER	METER	METER	METER	CU. M
STA 2+767.500 TO 3+131.700	RT					364.2	196.7
STA 3+131.700 TO 3+218.100	RT				86.4		32.4
STA 3+206.600	RT	9.0					1.6
STA 3+216.600	RT	9.0					1.6
STA 3+391.000 TO 3+563.700	RT			172.7			62.2
STA 3+563.700 TO 3+567.300	RT			7.0			
STA 3+652.500 TO 3+656.800	RT		4.3				0.7
STA 3+656.900	AR		25.3				9.1
STA 3+652.500 TO 3+656.800	LT		4.3				0.7
STA 4+403.700	AR			13.4			
STA 4+448.200 TO 4+457.200	LT		9.0				1.6
TOTALS		18.0	42.9	193.1	86.4	364.2	306.6
TOTALS ROUNDED FOR SUMMARY SHEET		18	43	194	87	365	307

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE NO SCALE DRAWN BY KOJ

DATE APRIL 18, 2008 CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\78014_sch_all schedules_V8.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	17
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PIPE CULVERT REMOVAL/REMOVE EXISTING CULVERTS

LOCATION	LT/RT	EXISTING MATERIAL	FOR INFORMATION ONLY	EXISTING END TREATMENT		REMOVE EXISTING CULVERTS	PIPE CULVERT REMOVAL
						M5010521	M5010522
			SIZE (mm)	UPSTREAM	DOWNSTREAM	METER	METER
RURAL							
STA 0+950.000	RT	CMP	420				7.0
STA 1+201.500	LT	CMP	460				10.0
STA 1+427.000	RT	CMP	762X482				9.0
STA 1+518.000		CONC BOX	1280X790	CONC HDWL	CONC HDWL	12.9	
STA 1+595.000	RT	CMP	450				9.0
STA 1+882.500		CONC BOX	1800X1260	CONC HDWL	CONC HDWL	11.9	
STA 1+952.000	LT	CMP	300				5.0
STA 2+196.000	LT	VCP	380				5.5
STA 2+403.000	RT	CMP	1470	CONC HDWL'S / INCL. SLOPEWALLS			15.5
STA 2+535.000	LT	CMP	380				8.0
OBLONG							
STA 2+759.000	RT	CMP	1420				12.6
STA 2+767.500	LT	CONC BOX	460X610	CONC HDWL	CONC HDWL	9.2	
STA 3+915.200	AR	CONC BOX	900X900			13.1	
STA 3+938.200	LT	CONC BOX	900X900		CONC HDWL	49.0	
STA 4+441.500	RT	CMP	450				9.2
STA 4+461.000	LT	CMP	375				8.2
STA 4+483.000	LT	CMP	375				28.0
RURAL							
STA 4+529.000	RT	CMP	450				9.8
STA 4+583.000	LT	CMP	450	CONC HDWL	CONC HDWL		9.0
STA 4+601.300	RT	CMP	450				9.2
STA 4+618.800	LT	CMP	450	CONC HDWL			15.3
STA 5+141.000	LT	CMP	380				16.6
STA 5+193.700	LT	CMP	380				9.6
STA 5+194.097	RT	CMP	380				14.9
STA 5+295.000	AR	RCP	760	CONC HDWL	CONC HDWL		13.4
STA 5+345.500	RT	CMP	380				9.9
STA 5+377.500	LT	VCP	380	CONC HDWL	CONC HDWL		5.8
STA 5+618.000	RT	CMP	380				11.3
STA 5+621.500	LT	CMP	460				15.6
STA 5+651.500	RT	CMP	380				9.3
STA 5+771.700	LT	VCP	460				5.8
STA 5+938.000	RT	CMP	380				9.3
STA 6+004.400	RT	VCP	380				5.8
STA 6+034.800	RT	VCP	380				5.8
STA 6+084.500	RT	VCP	380				12.6
STA 6+140.500	RT	CMP	380				7.7
STA 6+180.600	LT	CMP	380	CONC HDWL	CONC HDWL		23.0
STA 6+208.000	LT	CMP	380				13.0
STA 6+218.600	RT	CMP	380				11.2
STA 6+336.600	RT	CMP	380				12.6
STA 6+444.900	LT	CONC BOX	910X450	CONC HDWL	CONC HDWL	7.7	
STA 6+446.400	RT	CMP	380				7.6
STA 6+461.200	RT	RCP	300				15.2
STA 6+470.500	LT	STEEL	230				6.5
STA 6+483.500	RT	RCP	300				15.6
STA 6+500.000	LT	STEEL	250				11.0
STA 6+524.000	LT	CMP	320				8.3
STA 6+561.800	LT	CMP	380				8.5
STA 6+572.500	RT	CMP	300				9.0
STA 6+592.500	LT	CMP	380				7.7
STA 6+632.800	RT	CMP	300				10.2
STA 6+636.700	LT	CMP	380				8.3
STA 6+652.100	LT	VCP	380	CONC HDWL	CONC HDWL		6.0
STA 6+746.500	RT	CMP	300				12.5
STA 6+784.500	RT	CMP	300				6.0
STA 6+819.200	RT	CMP	380				13.0
STA 6+905.000	RT	CMP	460				9.0
STA 6+914.500	LT	VCP	300				6.0
STA 7+015.000	LT	CMP	380				7.7
STA 7+046.600	RT	CMP	380				9.5
STA 7+177.000	RT	CMP	380				13.7
STA 7+281.500	RT	CMP	380				11.5
STA 7+330.600	LT	CMP	300				15.7
STA 7+330.600	LT	CMP	450				7.0
STA 7+346.500	LT	CORR PVC	380				17.8
STA 7+362.300	LT	CORR PVC	380				10.0
STA 7+390.500	RT	VCP	380				5.4
STA 7+392.900	LT	RCP	620				5.5
STA 7+435.500	LT	CONC BOX	480X250			1.4	
STA 7+440.000	RT	CMP	460				6.0
STA 7+446.500	LT	CONC BOX	560	CONC HDWL	CONC HDWL	10.0	
STA 7+471.600	LT	CMP	710				8.8
STA 7+478.800	RT	VCP	450				5.5
STA 7+509.000	LT	CMP	860				9.6
STA 7+509.000	RT	VCP	450				7.7
STA 7+681.000	RT	PLASTIC	100				23.0
STA 7+681.000		PLASTIC	350				25.5
STA 7+686.320	RT	CONC BOX	450X450	CONC HDWL	CONC HDWL	9.7	
STA 7+687.880	LT	CONC BOX	450X450	CONC HDWL	CONC HDWL	9.0	
STA 7+695.500	RT	VCP	380				5.5
STA 7+714.000	LT	VCP	380	CONC HDWL	CONC HDWL		4.0
STA 7+755.000	LT	VCP	380	CONC HDWL	CONC HDWL		6.3
STA 7+902.000	RT	CMP	420				18.1
STA 7+999.500	LT	CMP	380				9.8
STA 8+063.000	RT	CMP	460				9.8
STA 8+078.300		CONC BOX	960X3200	CONC HDWL	CONC HDWL	9.1	
STA 8+161.200	RT	VCP	480				5.5
STA 8+296.000	LT	CMP	510				11.1
STA 8+311.000	RT	CMP	460	CONC HDWL			11.0
STA 8+456.000	LT	VCP	380				5.6
STA 8+456.000	RT	VCP	380	CONC HDWL	CONC HDWL		5.8
STA 8+562.500	LT	RCP	300				6.5
STA 8+606.000	LT	RCP	380				10.0
STA 8+607.000	RT	CMP	380				9.1
STA 8+621.500	LT	RCP	380				7.6
STA 8+634.000	LT	RCP	360				7.6
STA 8+651.000	RT	RCP	380				7.8
STA 8+669.000	RT	RCP	300				6.8
STA 8+724.500	RT	CMP	380				9.4
STA 8+739.700	LT	RCP	380				9.5
STA 8+749.000	RT	CMP	380				9.2
STA 8+770.500	LT	RCP	380				6.7
STA 8+778.500	RT	CMP	380				9.5
STA 8+792.000	LT	RCP	380				8.0
STA 8+793.300	RT	STEEL	300				8.6
STA 8+841.000	RT	STEEL	280				15.1
STA 8+843.000	LT	RCP	380	CONC HDWL	CONC HDWL		13.0
STA 8+884.200	LT	CMP	380				9.7
STA 8+949.000	RT	CMP	380				11.3
STA 9+073.000	LT	CMP	380				9.6
STA 9+192.500	RT	CMP	460				10.0
STA 9+682.500	RT	CMP	460				11.2
STA 9+721.000	RT	CMP	460	RAILROAD TIES			15.0
STA 9+898.000	LT	CMP	380				5.7
STA 10+321.500	RT	CMP	560				10.0
STA 10+329.000	LT	CMP	610				9.3
STA 10+499.500	RT	CMP	380				9.6
STA 10+500.000	LT	CMP	380				21.8
STA 10+559.500	RT	CMP	380				6.0
STA 10+705.000	LT	CMP	380				9.4
STA 10+732.000	LT	RCP	380				7.3
STA 10+736.079	RT	RCP	440				15.8
STA 10+740.000	LT	RCP	380				7.4
STA 10+757.500	RT	RCP	380				8.1
STA 10+765.500	LT	RCP	300				8.0
STA 10+786.500	LT	RCP	300				5.5
STA 10+793.600	LT	RCP	300				6.1
STA 10+824.000	LT	CMP	380				9.3
STA 10+864.000	RT	RCP	300				7.1

CONTINUED ON NEXT SHEET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE NO SCALE DRAWN BY KOJ

DATE APRIL 18, 2008 CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70014_sch_all schedules_V8.dgn

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	18
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PIPE CULVERT REMOVAL/REMOVE EXISTING CULVERTS (CONTINUED)

LOCATION	LT/RT	EXISTING MATERIAL	FOR INFORMATION ONLY	EXISTING END TREATMENT		REMOVE EXISTING CULVERTS M5010521	PIPE CULVERT REMOVAL M5010522
			SIZE (mm)	UPSTREAM	DOWNSTREAM	METER	METER
STA 10+881.700	RT	RCP	380				7.5
STA 10+915.500	LT	CMP	380				9.6
STA 10+920.500	RT	CMP	380				11.0
STA 11+083.000	RT	CMP	340				11.5
STA 11+146.500	LT	VCP	380				5.6
STA 11+246.000	RT	VCP	380				5.8
STA 11+307.000	LT	CMP	380				8.8
STA 11+571.500	RT	CMP	380				23.4
STA 11+698.000	RT	CMP	380				18.9
STA 11+756.500	LT	CMP	380	RAILROAD TIES	RAILROAD TIES		8.0
STA 11+880.000	RT	CMP	380				13.8
STA 11+914.500	RT	CMP	380				11.3
STA 12+138.500	AR	RCP	740	CONC HDWL	CONC HDWL		15.6
STA 12+353.000	LT	CMP	460				10.0
STA 12+353.000	RT	CMP	460				11.2
STA 12+981.000	LT	RCP	380				8.3
STA 12+991.000	LT	CMP	300				6.5
STA 13+058.500	LT	CMP	380				9.2
STA 13+084.000	RT	VCP	380	CONC HDWL			8.6
STA 13+097.000	LT	RCP	300				16.0
STA 13+127.500	LT	CMP	380				8.4
STA 13+140.500	LT	CMP	380				7.4
STA 13+163.500	LT	CMP	380				12.0
STA 13+205.500	LT	CMP	380				11.0
STA 13+245.600	LT	STEEL	200				13.3
STA 13+276.400	LT	STEEL	200				12.0
STA 13+293.500	LT	CMP	380				7.5
STA 13+328.500	LT	RCP	430				8.5
STA 13+383.600		RCP/CONC BOX/RCP	600/600X450/600				13.6
STA 13+443.600	LT	STEEL	330				14.6
STA 13+480.000	LT	STEEL	330				11.0
STA 13+491.500	RT	CMP	300				9.2
STA 13+527.500	RT	CMP	300				9.8
STA 13+528.500	LT	RCP	380				7.6
STA 13+603.000	RT	CMP	300				6.4
STA 13+615.000	LT	RCP	380				8.2
STA 13+615.000	RT	CMP	300				7.0
STA 13+661.000		CONC BOX	1070X2130	CONC HDWL	CONC HDWL	9.1	
STA 13+672.000	RT	RCP	460		CONC HDWL		10.1
STA 13+748.000	LT	RCP	380		CONC HDWL		7.7
STA 13+750.400	RT	RCP	460				7.2
STA 13+802.800	RT	VPC/RCP	460		CONC HDWL		7.5
STA 13+803.800	LT	CMP/VCP	460	CONC HDWL	CONC HDWL		9.8
STA 13+981.300	LT	VCP	380	CONC HDWL	CONC HDWL		5.5
STA 14+217.800	RT	VCP	380	CONC HDWL	CONC HDWL		10.2
STA 14+221.800	LT	RCP	380				9.0
STA 14+234.800	RT	CMP	380				7.2
STA 14+242.400	LT	RCP	380	CONC HDWL	CONC HDWL		15.0
STA 14+265.600	LT	RCP	380				14.5
STA 14+308.900	LT	RCP	380				14.8
STA 14+447.300	LT	CMP	460				12.0
STA 14+447.300	RT	CMP	375				12.0
STA 14+461.300	LT	CMP	740				7.5
STA 14+542.500	LT	CMP	740				7.8
STA 14+553.800	LT	CMP	740				7.3
STA 14+600.800	LT	CMP	910	STEEL HDWL	STEEL HDWL		6.5
STA 14+628.800	RT	RCP	380		CONC HDWL		9.0
STA 14+630.300	LT	CMP	910	STEEL HDWL	CONC HDWL		7.5
STA 14+659.300	LT	CMP/CONC BOX	790/640	RAILROAD TIES	CONC HDWL	9.6	
STA 14+664.800	RT	RCP	380	CONC HDWL	CONC HDWL		10.0
STA 14+696.800	RT	RCP	380	CONC HDWL	CONC HDWL		8.0
STA 14+711.600	LT	CMP	910				12.3
STA 14+725.800	RT	RCP	380				6.0
STA 14+756.000	LT	ELLIP CMP	860/1270				9.0
STA 17+763.300	RT	CMP	380				22.5
STA 14+770.800	LT	ELLIP CMP	860X1270				9.0
STA 14+784.000	RT	CMP	430				20.3
STA 14+861.000	LT	CMP	380				11.5
STA 14+861.800	RT	CMP	380				9.4
STA 14+886.300	RT	CMP	380				11.5
STA 14+926.300	LT	RCP	380				12.2
STA 14+926.300	RT	VCP	360	CONC HDWL	CONC HDWL		5.6

LOCATION	LT/RT	EXISTING MATERIAL	FOR INFORMATION ONLY	EXISTING END TREATMENT		REMOVE EXISTING CULVERTS M5010521	PIPE CULVERT REMOVAL M5010522
			SIZE (mm)	UPSTREAM	DOWNSTREAM	METER	METER
STA 14+981.300	LT	RCP	380				11.3
STA 15+002.000	LT	RCP	380	CONC HDWL	CONC HDWL		5.2
STA 15+172.500	AR	CONC BOX	460X460	CONC HDWL	CONC HDWL	9.0	
STA 15+232.300	LT	RCP	460				16.4
STA 15+320.300	LT	CMP	430				23.2
STA 15+353.800	LT	CMP	380				9.1
STA 15+450.800	RT	VCP	380		CONC HDWL		10.0
STA 15+454.800	LT	CMP	460				13.6
STA 15+511.800	RT	VCP/CMP	380				9.4
STA 15+544.900	RT	VCP	380	CONC HDWL			5.6
URBAN							
STA 15+595.800	LT	CMP	380/300				13.1
STA 15+660.800	LT	CMP	380				9.2
STA 15+661.300	RT	CMP	330				10.6
STA 15+723.100	RT	CMP	380				13.7
STA 15+870.300	RT	VCP	430	CONC HDWL	CONC HDWL		5.6
STA 15+871.400	LT	RCP	410		CONC HDWL		13.8
STA 15+931.300	RT	RCP	410				21.1
STA 15+933.820		CONC BOX	900X450	CONC HDWL	CONC HDWL	9.1	9.3
STA 15+960.300	LT	RCP	410				28.6
TOTALS						179.8	2136.20
TOTALS ROUNDED FOR SUMMARY SHEET						180	2,137

REMOVING MANHOLES/INLETS

LOCATION				REMOVING MANHOLES 60500040	REMOVING INLETS 60500060
STATION		DIST	RT/LT	EACH	EACH
OBLONG					
STA	2+769.7	5.6 m	RT	1	
STA	2+770.9	5.0 m	RT		1
STA	2+777.3	4.5 m	LT		1
STA	2+985.1	4.5 m	LT		1
STA	2+985.1	4.5 m	RT		1
STA	3+130.3	4.5 m	LT		1
STA	3+131.8	4.5 m	RT		1
STA	3+206.3	5.9 m	RT		1
STA	3+216.6	10.9 m	LT		1
STA	3+218.1	4.5 m	RT		1
STA	3+218.2	4.5 m	LT		1
STA	3+305.3	4.5 m	LT		1
STA	3+305.6	4.5 m	RT		1
STA	3+391.1	7.1 m	LT		1
STA	3+391.0	6.6 m	RT		1
STA	3+480.3	6.6 m	RT	1	
STA	3+563.8	6.9 m	RT	1	
STA	3+566.9	9.4 m	RT		1
STA	3+652.2	6.6 m	LT		1
STA	3+657.0	6.9 m	LT	1	
STA	3+652.3	6.4 m	RT		1
STA	3+656.8	7.4 m	RT	1	
STA	3+740.2	6.3 m	LT		1
STA	3+824.0	4.5 m	LT		1
STA	3+915.1	9.8 m	RT		1
STA	3+915.1	5.7 m	RT		1
STA	3+931.6	4.5 m	LT		1
STA	3+931.6	4.5 m	RT		1
STA	4+379.5	4.5 m	LT		1
STA	4+403.6	7.9 m	LT		1
STA	4+448.1	10.8 m	LT		1
STA	4+457.3	11.0 m	LT		1
RURAL					
STA	14+773.1	12.0 m	RT		1
TOTAL				5	28

PAVEMENT REMOVAL

LOCATION				PAVEMENT REMOVAL M4402000
STATION	TO	STATION	LT/RT	SQ M
RURAL				
1+955.000			RT	62.97
2+050.000			RT	212.94
OBLONG				
2+756.900	TO	3+394.700	LT	1038.88
2+770.950	TO	3+394.700	RT	1003.69
3+394.700	TO	3+736.200	LT	681.03
3+394.700	TO	3+736.200	RT	1361.94
3+736.200	TO	4+475.071	LT	1109.88
3+736.200	TO	4+475.071	RT	1001.21
RURAL				
8+910.900			LT	252.52
13+143.500	TO	13+750.733(BK)	LT&RT	4462.34
13+391.700			LT	330.95
15+062.400			RT	216.95
TOTAL				11735.30
TOTALS ROUNDED FOR SUMMARY SHEET				11,736

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE NO SCALE DRAWN BY KOJ

DATE APRIL 18, 2008 CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70014_sch_all schedules_V8.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	19
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EARTHWORK SCHEDULE

LOCATION		EARTH EXCAVATION M2020010	EARTH EXCAVATION (WIDENING) M2020050	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL M2021200	EMBANKMENT REQUIRED	EMBANKMENT REQUIRED FOR ENTRANCES (SEE NOTE)	EARTH EXCAVATION AVAILABLE (ADJUSTED FOR SHRINKAGE - 25%)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION AND PLACEMENT M2112500
STATION	RT/LT	CU. M.	CU. M.	CU. M.	CU. M.	CU. M.	CU. M.	CU. M.	CU. M.
RURAL									
STA. 0+915 TO STA. 2+756.900	RT/LT	10207.7	497.3		4069.7	1120.3	8028.8	2838.8	3634.0
STA. 1+970 (TR 1000)	RT.	173.3			44.0		130.0	86.0	23.8
		10381.0	497.3	0.0	4113.7	1120.3	8158.8	2924.8	3657.8
OBLONG									
STA. 2+756.900 TO STA. 4+475	RT/LT	1253.7			1416.6		940.3	-476.4	9.7
STA. 2+767.5 (TR 150)	LT.	74.9			28.2		56.2	28.0	
STA. 2+892.1 (JOY STREET)	LT.	45.2			8.9		33.9	25.0	
STA. 2+977.3 (MADISON STREET)	LT.	72.9			4.6		54.7	50.1	
STA. 3+122.6 (JEFFERSON STREET)	LT.	63.0			2.9		47.3	44.4	
STA. 3+122.6 (JEFFERSON STREET)	RT.	94.6			4.1		71.0	66.9	
STA. 3+211.3 (WASHINGTON STREET)	LT.	16.5			5.1		12.4	7.3	
STA. 3+211.3 (WASHINGTON STREET)	RT.	46.0			2.8		34.5	31.7	
STA. 3+298.2 (JACKSON STREET)	LT.	45.7			4.3		34.3	30.0	
STA. 3+298.2 (JACKSON STREET)	RT.	80.8			6.3		60.6	54.3	
STA. 3+385.0 (WILSON STREET)	LT.	18.6			7.1		14.0	6.9	
STA. 3+472.4 (ADAMS STREET)	RT.	3.1			9.4		2.3	-7.1	
STA. 3+572.1 (RANGE STREET)	RT.	23.8			1.8		17.9	16.1	
STA. 3+572.7 (RANGE STREET)	LT.	37.3			1.3		28.0	26.7	
STA. 3+659.2 (GARFIELD STREET)	LT.	34.4			0.2		25.8	25.6	
STA. 3+659.2 (GARFIELD STREET)	RT.	26.2			2.6		19.7	17.1	
STA. 3+745.8 (GRANT STREET)	LT.	20.3			6.5		15.2	8.7	
STA. 3+746 GRANT STREET)	RT.	47.2			5.6		35.4	29.8	
STA. 3+832.3 (HARRISON STREET)	LT.	118.1			4.2		88.6	84.4	
STA. 3+919 (TAYLOR STREET)	LT.	15.8			28.0		11.9	-16.2	
STA. 3+919 (TAYLOR STREET)	RT.	16.6			38.5		12.5	-26.1	
STA. 4+155.8 (ROOSEVELT STREET)	RT.	33.0			3.2		24.8	21.6	
		2187.7	0.0	0.0	1592.2	0.0	1640.8	48.5	9.7
RURAL									
STA. 4+475 TO STA. 4+655	RT/LT	623.3	48.6		142.6	2066.7	503.9	-1705.4	300.6
STA. 5+025 TO STA. 9+385	RT/LT	19226.4	1177.2		7737.8	6106.9	15302.7	1458.0	7666.1
STA. 5+194.097 (TR300)	RT.	127.8			44.0		95.9	51.9	19.0
STA. 6+444.9 (TR375)	LT.	68.8			72.5		51.6	-20.9	34.3
STA. 6+446 (TR375)	RT.	57.5			45.8		43.1	-2.7	37.5
STA. 7+687.148(TR 450)	LT.	62.8			18.7		47.1	28.4	28.8
STA. 7+687.148 (TR 450)	RT.	56.0			21.6		42.0	20.4	33.9
STA. 8+910.897 (TR 525)	LT.	65.6			12.0		49.2	37.2	14.3
STA. 9+580 TO STA. 15+545	RT/LT	37501.7	1610.6	675.1	12074.9	13226.3	29334.2	4032.9	11454.2
STA. 10+125.278 (TR 600)	LT.	40.8			7.0		30.6	23.6	24.8
STA. 10+125.278 (TR 600)	RT.	69.9			60.8		52.4	-8.4	25.3
STA. 10+736.079 (FIREBAUGH)	RT.	53.7			16.8		40.3	23.5	21.1
STA. 12+164.026 (TR725)	LT.	103.9			31.0		77.9	46.9	15.6
STA. 12+164.026 (TR725)	RT.	123.8			14.0		92.9	78.9	8.0
STA. 13+391.693 (TR800)	LT.	66.4			17.0		49.8	32.8	17.7
STA. 13+391.693 (TR800)	RT.	155.2			3.0		116.4	113.4	30.8
STA. 15+062.4 (TR900)	LT.	103.1			23.0		77.3	54.3	19.3
STA. 15+062.4 (TR900)	RT.	63.6			3.0		47.7	44.7	25.0
		58570.2	2836.4	675.1	20345.5	21400.0	46054.9	4309.5	19776.2
URBAN									
STA. 15+545 TO 16+016	RT/LT	2306.6	127.2		356.5	675.9	1825.4	792.9	720.9
STA. 15+661.3 (PASADENA)	RT.	50.3			10.0		37.7	27.7	11.3
STA. 15+773.3 (GLENDALE)	RT.	56.7			3.0		42.5	39.5	9.5
		2413.6	127.2	0.0	369.5	675.9	1905.6	860.2	741.7
TOTALS		73552.6	3460.8	675.1	26420.9	23196.2	57760.1	8143.0	24185.4
TOTALS ROUNDED FOR SUMMARY SHEET		73555	3465	680					24190

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE NO SCALE DRAWN BY KOJ

DATE OCTOBER 28, 2008 CHECKED BY LWJ

H. M. & G. NO. 4420

PLOT DATE = 11/6/2008
FILE NAME = H:\4420\Final_Plans\Drawings\0794533\SHT_014_sch_all schedules_V8.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SEEDING/SODDING/MULCH

LOCATION				SEEDING CLASS 2	SODDING	SUPPLEMENTAL WATERING			FERTILIZER NUTRIENTS			MULCH, METHOD 2	GRADING AND SHAPING SPECIAL
						QTY PER WATERING	NUMBER OF WATERINGS	SUPPLEMENTAL WATERING	NITROGEN	POTASSIUM	PHOSPHORUS		
				M2500200	M2520100			M2520200	M2500400	M2500500	M2500600	M2510115	MX032509
STATION			LT/RT	HA	SQ M	L	EACH	UNIT	KG	KG	KG	HA	SQ M
RURAL													
STA 0+915	TO	STA 2+756.9	LT	1.18					117.62	117.62	117.62	1.18	
STA 0+915	TO	STA 2+756.9	RT	1.80					179.52	179.52	179.52	1.46	
OBLONG													
STA 2+756.9	TO	TR 150	LT	0.01					0.82	0.82	0.82	0.01	
TR 150	TO	JOY STREET	LT		371	5,565	5	27.8	2.60	2.60	2.60		371
STA 2+756.9	TO	JEFFERSON STREET	RT		1,257	18,854	5	94.3	8.80	8.80	8.80		1,257
JOY STREET	TO	MADISON STREET	LT		287	4,298	5	21.5	2.01	2.01	2.01		287
MADISON STREET	TO	JEFFERSON STREET	LT		670	10,049	5	50.2	4.69	4.69	4.69		670
JEFFERSON STREET	TO	WASHINGTON STREET	LT		252	3,774	5	18.9	1.76	1.76	1.76		252
JEFFERSON STREET	TO	WASHINGTON STREET	RT		236	3,542	5	17.7	1.65	1.65	1.65		236
WASHINGTON STREET	TO	JACKSON STREET	LT		234	3,508	5	17.5	1.64	1.64	1.64		234
WASHINGTON STREET	TO	JACKSON STREET	RT		270	4,056	5	20.3	1.89	1.89	1.89		270
JACKSON STREET	TO	WILSON STREET	LT		274	4,116	5	20.6	1.92	1.92	1.92		274
JACKSON STREET	TO	ADAMS STREET	RT		252	3,779	5	18.9	1.76	1.76	1.76		252
WILSON STREET	TO	STA 3+483	LT		137	2,059	5	10.3	0.96	0.96	0.96		137
STA 3+483	TO	RANGE STREET	LT		13	194	5	1.0	0.09	0.09	0.09		13
ADAMS STREET	TO	RANGE STREET	RT		16	241	5	1.2	0.11	0.11	0.11		16
RANGE STREET	TO	GARFIELD STREET	LT		8	124	5	0.6	0.06	0.06	0.06		8
GARFIELD STREET	TO	GRANT STREET	LT		136	2,045	5	10.2	0.95	0.95	0.95		136
GARFIELD STREET	TO	GRANT STREET	RT		62	932	5	4.7	0.43	0.43	0.43		62
GRANT STREET	TO	HARRISON STREET	LT		287	4,310	5	21.6	2.01	2.01	2.01		287
HARRISON STREET	TO	TAYLOR STREET	LT		314	4,704	5	23.5	2.20	2.20	2.20		314
GRANT STREET	TO	TAYLOR STREET	RT		557	8,354	5	41.8	3.90	3.90	3.90		557
TAYLOR STREET	TO	HAYES STREET	LT		687	10,302	5	51.5	4.81	4.81	4.81		687
TAYLOR STREET	TO	ROOSEVELT STREET	RT		798	11,968	5	59.8	5.59	5.59	5.59		798
HAYES STREET	TO	LEGION PARKWAY	LT		541	8,114	5	40.6	3.79	3.79	3.79		541
ROOSEVELT STREET	TO	STA 4+475	RT		1,426	21,387	5	106.9	9.98	9.98	9.98		1,426
LEGION PARKWAY	TO	STA 4+475	LT		730	10,949	5	54.7	5.11	5.11	5.11		730
RURAL													
STA 4+475.07	TO	STA 4+655	LT	0.08					8.27	8.27	8.27	0.08	
STA 4+475.07	TO	STA 4+655	RT	0.10					9.94	9.94	9.94	0.10	
STA 5+009	TO	STA 9+385	LT	3.23					322.96	322.96	322.96	3.19	
STA 5+025	TO	STA 9+385	RT	2.84					284.38	284.38	284.38	2.80	
STA 9+580	TO	STA 15+545	LT	4.52					452.00	452.00	452.00	4.46	
STA 9+580	TO	STA 15+545	RT	4.78					477.89	477.89	477.89	4.61	
URBAN													
STA 15+545	TO	STA 16+016	LT	0.29					29.48	29.48	29.48	0.29	
STA 15+545	TO	STA 16+016	RT	0.28					27.72	27.72	27.72	0.28	
TOTALS				19.11	9,815			736.1	1,979.31	1,979.31	1,979.31	18.46	9,815
TOTALS ROUNDED FOR SUMMARY SHEET				19.2	9,815			736.2	1,980	1,980	1,980	18.5	9,815

TEMPORARY CONSTRUCTION ITEMS

LOCATION				TEMPORARY PAVEMENT	TEMPORARY PAVEMENT REMOVAL	PIPE CULVERTS, CLASS C, TYPE 1 (TEMPORARY) (CMP)			EARTH EXCAVATION (TEMPORARY PAVEMENT AND DITCH)	EARTH EXCAVATION AVAILABLE (ADJUSTED FOR SHRINKAGE - 25%)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TEMPORARY EMBANKMENT PLACEMENT AND REMOVAL
						375MM	450MM	600MM				
				MX030199	MX030203	M542T220	M542T225	M542T235	FOR INFORMATION ONLY (NOT A PAY ITEM)			MX033748
STATION	TO	STATION	LT/RT	SQ M	SQ M	METER	METER	METER	CU M	CU M	CU M	CU M
RURAL												
13+013.500	TO	13+862.000	RT	3,451	3,451				913.049	684.787	-168.199	852.986
ENTRANCES												
13+058.500			LT			6.10						
13+097.000			LT			6.10						
13+127.500			LT			12.20						
13+140.500			LT			9.15						
13+163.500			LT			6.10						
13+205.500			LT			6.10						
13+246.000			LT			6.10						
13+328.500			LT			6.10						
13+480.000			LT				6.10					
13+803.800			LT					6.10				
TOTAL				3,451	3,451	57.95	6.10	6.10	913.049	684.787	-168.199	852.986
TOTALS ROUNDED FOR SUMMARY SHEET				3,451	3,451	58.0	6.1	6.1				853

NOTE: ADDITIONAL EMBANKMENT NEEDED SHALL BE OBTAINED FROM EXCESS AT OTHER LOCATIONS OR A BORROW SITE APPROVED BY THE ENGINEER AT NO ADDITIONAL COST

EROSION CONTROL BLANKET

LOCATION	AREA
	SQ METER
1+825 TO 1+880 LT	110
1+825 TO 1+880 RT	110
1+885 TO 1+925 RT	80
5+725 TO 5+745 LT	40
5+725 TO 5+745 RT	40
6+925 TO 6+945 RT	40
6+960 TO 6+980 LT	40
6+960 TO 6+980 RT	40
10+065 TO 10+100 RT	70
10+200 TO 10+225 RT	50
10+225 TO 10+275 RT	100
11+400 TO 11+447 RT	94
11+450 TO 11+470 LT	40
11+710 TO 11+775 RT	130
11+720 TO 11+741 LT	42
11+772 TO 11+777 LT	10
11+800 TO 11+825 LT	50
12+738 TO 12+870 LT	264
12+738 TO 12+875 RT	274
12+875 TO 12+887 RT	24
12+900 TO 12+925 LT	50
13+625 TO 13+655 RT	60
TOTAL	1,758

PERIMETER EROSION BARRIER

LOCATION	LENGTH
	METER
0+950 TO 1+050 LT	100
6+875 TO 6+940 LT	65
7+200 TO 7+250 LT	50
9+125 TO 9+385 LT	260
9+200 TO 9+385 RT	185
9+580 TO 9+725 LT	145
9+580 TO 9+675 RT	95
10+050 TO 10+100 LT	50
10+150 TO 10+200 RT	50
10+150 TO 10+250 LT	100
11+450 TO 11+550 RT	100
11+475 TO 11+500 LT	25
12+575 TO 12+625 RT	50
TOTAL	1,275

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE NO SCALE — DRAWN BY KOJ

DATE OCTOBER 28, 2008 — CHECKED BY LWJ

H. M. & G. NO. 4420

PLOT DATE = 10/28/2008
FILE NAME = H:\4420\Final Plans\Drawings\D794533\SHT_014_sch_all schedules_V8.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	21
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

INLET AND PIPE PROTECTION

STATION	SIDE	QUANTITY EACH	STATION	SIDE	QUANTITY EACH
0+945	RT	1	9+181	RT	1
1+195	LT	1	9+691	RT	1
1+423	RT	1	9+717	RT	1
1+455	LT&RT	2	10+329	RT	1
1+606	RT	1	10+340	LT	1
1+746	LT	1	10+511	LT	1
1+755	RT	1	10+570	RT	1
1+955	LT	1	10+714	RT	1
2+204	LT	1	10+747	LT	1
2+415	RT	1	10+749	RT	1
2+542	LT	1	10+773	LT	1
4+434	RT	1	10+801	LT	1
4+519	RT	1	10+833	LT	1
4+574	LT	1	10+889	RT	1
4+590	RT	1	10+922	LT	1
4+610	LT	1	10+927	RT	1
5+096	RT	1	11+137	LT	1
5+153	LT	1	11+256	RT	1
5+203	LT&RT	2	11+315	LT	1
5+354	LT	1	11+584	RT	1
5+355	RT	1	11+741	LT	1
5+457	LT	1	11+894	RT	1
5+606	RT	1	11+926	RT	1
5+612	LT	1	12+345	RT	1
5+639	RT	1	12+346	LT	1
5+712	LT	1	13+000	LT	1
5+778	LT	1	13+068	LT	1
5+945	RT	1	13+095	RT	1
6+092	RT	1	13+105	LT	1
6+148	RT	1	13+147	LT	1
6+187	LT	1	13+172	LT	1
6+189	RT	1	13+214	LT	1
6+309	RT	1	13+255	LT	1
6+438	RT	1	13+339	LT	1
6+450	LT	1	13+472	LT	1
6+455	RT	1	13+482	RT	1
6+494	RT	1	13+518	RT	1
6+511	LT	1	13+595	RT	1
6+553	LT	1	13+680	RT	1
6+562	RT	1	13+762	RT	1
6+583	LT	1	13+812	LT	1
6+624	RT	1	13+813	RT	1
6+628	LT	1	13+992	LT	1
6+644	LT	1	14+088	RT	1
6+738	RT	1	14+224	RT	1
6+776	RT	1	14+230	LT	1
6+810	RT	1	14+241	RT	1
6+896	RT	1	14+252	LT	1
7+080	RT	1	14+434	RT	1
7+026	LT	1	14+439	LT	1
7+054	RT	1	14+544	LT	1
7+166	RT	1	14+592	LT	1
7+301	LT	1	14+618	RT	1
7+339	LT	1	14+621	LT	1
7+403	LT	1	14+653	LT	1
7+478	LT	1	14+654	RT	1
7+486	RT	1	14+687	RT	1
7+515	LT	1	14+703	LT	1
7+680	RT	1	14+718	RT	1
7+692	RT	1	14+751	LT	1
7+697	LT&RT	2	14+754	RT	1
7+762	LT	1	14+797	LT	1
8+050	RT	1	14+873	RT	1
8+170	RT	1	14+896	RT	1
8+303	LT	1	14+935	LT&RT	2
8+320	RT	1	14+990	LT	1
8+463	LT&RT	2	15+243	LT	1
8+570	LT	1	15+332	LT	1
8+615	RT	1	15+361	LT	1
8+623	LT	1	15+376	LT&RT	2
8+643	LT	1	15+460	RT	1
8+660	RT	1	15+465	LT	1
8+678	RT	1	15+519	RT	1
8+717	RT	1	15+520	LT	1
8+731	LT	1	15+535	LT&RT	2
8+741	RT	1	15+606	LT	1
8+761	LT	1	15+671	LT&RT	2
8+770	RT	1	15+733	RT	1
8+783	LT	1	15+863	RT	1
8+854	RT	1	15+864	LT	1
8+855	LT	1	15+884	LT	1
8+881	RT	1	15+924	RT	1
8+939	RT	1	15+951	LT	1
9+065	LT	1			
SUB-TOTAL		88	SUB-TOTAL		87
			GRAND TOTAL		175

BOX CULVERT SCHEDULE

LOCATION CULV. NO.	STATION	RT/LT/AR	TYPE	BOX CULVERT 1.2m x 0.6m M	1.8m x 1.2m M	3.0m x 0.9m M	M273 750 x 450 M	900 x 300 M	1.2m x 0.6m M	1.5m x 0.9m M	1.8m x 0.6m M	PRECAST CONCRETE BOX CULVERT END SECTION EACH	TRAFFIC CONTROL AND PROTECTION STANDARD 701321 EACH
RURAL													
1	STA 1+054.355	AR	EXTENSION	*See Structure Plans For Quantities*									
2	STA 1+520.000	AR	BOX CULVERT								15.30	2	1
3	STA 1+882.500	AR	BOX CULVERT		25.20							2	1
4	STA 2+144.198	AR	EXTENSION	*See Structure Plans For Quantities*									
5	STA 2+700.000	AR	BOX CULVERT	19.80								2	1
6	STA 2+759.000	RT	BOX CULVERT							9.00		2	
OBLONG - SEE STORM SEWER SCHEDULE													
7	STA 3+901.180	LT	BOX CULVERT										
RURAL													
8	STA 5+750.192	AR	EXTENSION	*See Structure Plans For Quantities*									
9	STA 6+430.000	AR	BOX CULVERT						16.20			2	1
10	STA 7+189.092	AR	EXTENSION	*See Structure Plans For Quantities*									
11	STA 7+421.533	AR	EXTENSION	*See Structure Plans For Quantities*									
12	STA 7+687.147	LT	BOX CULVERT				18.30					2	
13	STA 7+687.147	RT	BOX CULVERT				18.30					2	
14	STA 8+080.000	AR	BOX CULVERT			21.60						2	1
15	STA 8+828.407	AR	EXTENSION	*See Structure Plans For Quantities*									
16	STA 11+203.000	AR	EXTENSION	*See Structure Plans For Quantities*									
17	STA 12+895.187	AR	EXTENSION	*See Structure Plans For Quantities*									
18	STA 13+375.000	AR	BOX CULVERT					16.20				2	
19	STA 13+660.000	AR	BOX CULVERT			21.60						2	
20	STA 15+172.500	AR	BOX CULVERT						14.40			2	1
21	STA 15+376.500	AR	BOX CULVERT					13.50				2	1
URBAN													
22	STA 15+940.000	AR	BOX CULVERT				14.40					2	1
TOTALS				19.80	25.20	43.20	51.00	29.70	30.60	9.00	15.30	26	8
TOTALS ROUNDED FOR SUMMARY SHEET				19.8	25.2	43.2	51.0	29.7	30.6	9.0	15.3	26	8

PAVEMENT MARKING SCHEDULE

LOCATION STATION	TO	STATION	SHORT TERM PAVEMENT MARKING METER	TEMPORARY PAINT PAVEMENT MARKING LINE 100 MM WHITE METER	100 MM YELLOW METER	PAINT PAVEMENT MARKING LINE 100 MM WHITE METER	100 MM YELLOW METER	150 MM WHITE METER	600 MM WHITE METER	RAISED REFLECTIVE PAVEMENT MARKER (EACH)
0+915.0	TO	4+655.0	1,496	4,035	1,711	4,035	1,711	106.8	15.6	153
5+025.0	TO	9+385.0	1,744	8,504	3,100	8,504	3,100			179
9+580.0	TO	13+750.733	1,668	8,086	3,191	8,086	3,191			171
13+752.021	TO	16+016.0	906	4,384	566	4,384	566			93
TOTALS			5,814	25,009	8,568	25,009	8,568	106.8	15.6	596

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE NO SCALE DRAWN BY KOJ

DATE APRIL 18, 2008 CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70814.sch.all schedules.V8.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	22
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

TEMPORARY DITCH CHECKS

STATION	SIDE	QUANTITY EACH	STATION	SIDE	QUANTITY EACH	STATION	SIDE	QUANTITY EACH	STATION	SIDE	QUANTITY EACH	STATION	SIDE	QUANTITY EACH
0+930	RT	1	5+297	LT&RT	2	8+082	LT&RT	2	11+201	LT&RT	2	12+850	LT&RT	2
0+975	LT&RT	2	5+400	LT&RT	2	8+105	RT	1	11+205	LT&RT	2	12+900	LT&RT	2
1+020	LT&RT	2	5+480	RT	1	8+125	LT&RT	2	11+250	LT	1	12+925	LT&RT	2
1+050	LT&RT	2	5+525	LT&RT	2	8+170	LT	1	11+300	RT	1	12+950	LT&RT	2
1+060	LT&RT	2	5+570	LT&RT	2	8+215	LT&RT	2	11+375	LT&RT	2	12+975	LT&RT	2
1+100	LT&RT	2	5+685	LT&RT	2	8+260	LT&RT	2	11+400	LT&RT	2	13+000	RT	1
1+195	RT	1	5+730	LT&RT	2	8+365	LT&RT	2	11+415	RT	1	13+030	LT&RT	2
1+235	LT&RT	2	5+747	LT&RT	2	8+410	LT&RT	2	11+420	LT	1	13+060	RT	1
1+240	LT&RT	2	5+752	LT&RT	2	8+510	LT&RT	2	11+430	RT	1	13+120	RT	1
1+285	LT&RT	2	5+765	RT	1	8+555	RT	1	11+440	LT	1	13+150	RT	1
1+330	LT&RT	2	5+780	RT	1	8+675	LT	1	11+445	RT	1	13+180	RT	1
1+425	LT	1	5+825	LT&RT	2	8+826	LT	1	11+455	LT	1	13+210	RT	1
1+470	LT&RT	2	5+870	LT&RT	2	8+945	LT	1	11+460	LT	1	13+240	LT&RT	2
1+515	LT&RT	2	5+915	LT&RT	2	8+975	LT	1	11+465	LT	1	13+275	LT&RT	2
1+525	LT&RT	2	5+960	LT	1	9+000	LT&RT	2	11+470	LT	1	13+345	RT	1
1+570	LT&RT	2	5+990	RT	1	9+020	LT&RT	2	11+525	LT	1	13+373	LT	1
1+615	LT	1	6+005	LT	1	9+040	LT&RT	2	11+545	LT	1	13+374	RT	1
1+660	LT&RT	2	6+035	RT	1	9+060	RT	1	11+565	LT	1	13+375	LT	1
1+795	LT&RT	2	6+050	LT	1	9+080	RT	1	11+585	LT	1	13+455	LT&RT	2
1+825	LT&RT	2	6+095	LT	1	9+100	LT&RT	2	11+605	LT&RT	2	13+535	LT&RT	2
1+840	LT&RT	2	6+140	LT	1	9+120	LT&RT	2	11+650	LT&RT	2	13+580	LT&RT	2
1+855	LT&RT	2	6+235	LT&RT	2	9+140	RT	1	11+725	RT	1	13+625	LT	1
1+870	LT&RT	2	6+275	LT&RT	2	9+160	RT	1	11+740	RT	1	13+658	LT&RT	2
1+880	LT&RT	2	6+320	LT	1	9+745	LT&RT	2	11+765	RT	1	13+662	LT&RT	2
1+885	LT&RT	2	6+380	LT&RT	2	9+765	LT&RT	2	11+775	LT&RT	2	13+710	LT&RT	2
1+900	RT	1	6+428	LT&RT	2	9+785	LT&RT	2	11+800	LT	1	13+755	LT	1
1+907	LT	1	6+600	RT	1	9+805	LT&RT	2	11+808	LT	1	13+860	LT&RT	2
1+915	RT	1	6+660	RT	1	9+825	LT&RT	2	11+816	LT	1	13+905	LT&RT	2
1+930	LT&RT	2	6+680	LT&RT	2	9+845	LT&RT	2	11+824	LT	1	13+950	LT&RT	2
2+000	LT	1	6+700	LT&RT	2	9+865	LT&RT	2	11+845	LT	1	13+995	RT	1
2+045	LT	1	6+720	LT&RT	2	9+885	LT&RT	2	11+850	RT	1	14+040	LT&RT	2
2+055	RT	1	6+740	LT	1	9+905	LT&RT	2	11+865	LT	1	14+085	LT	1
2+100	RT	1	6+760	LT	1	9+925	LT&RT	2	11+885	LT	1	14+130	LT&RT	2
2+140	LT&RT	2	6+780	LT	1	9+985	LT	1	11+905	LT	1	14+175	LT&RT	2
2+145	LT&RT	2	6+800	LT	1	10+010	RT	1	11+925	LT	1	14+345	LT&RT	2
2+190	RT	1	6+820	LT	1	10+055	RT	1	11+945	LT	1	14+390	LT&RT	2
2+235	LT&RT	2	6+840	LT	1	10+100	RT	1	11+970	LT	1	14+515	LT&RT	2
2+280	LT&RT	2	6+850	RT	1	10+200	RT	1	12+035	LT&RT	2	14+560	RT	1
2+325	LT&RT	2	6+865	LT	1	10+206	RT	1	12+080	LT&RT	2	14+794	RT	1
2+370	LT&RT	2	6+870	RT	1	10+212	RT	1	12+135	LT&RT	2	14+813	RT	1
2+415	LT	1	6+930	RT	1	10+218	RT	1	12+220	LT&RT	2	14+835	RT	1
2+460	LT&RT	2	6+945	LT&RT	2	10+230	RT	1	12+240	LT&RT	2	14+841	LT	1
2+505	LT&RT	2	6+960	LT&RT	2	10+240	RT	1	12+260	LT&RT	2	14+860	LT	1
2+550	RT	1	6+970	LT&RT	2	10+250	RT	1	12+280	LT&RT	2	14+880	LT	1
2+595	RT	1	6+980	LT&RT	2	10+260	RT	1	12+300	LT&RT	2	14+900	LT	1
2+640	LT&RT	2	7+025	RT	1	10+270	RT	1	12+320	LT&RT	2	14+980	RT	1
2+685	LT&RT	2	7+145	RT	1	10+290	LT&RT	2	12+380	LT&RT	2	15+025	LT&RT	2
2+726	LT&RT	2	7+240	RT	1	10+310	LT&RT	2	12+400	LT&RT	2	15+083	RT	1
2+731	LT&RT	2	7+285	RT	1	10+360	LT&RT	2	12+420	LT&RT	2	15+100	RT	1
4+405	RT	1	7+330	RT	1	10+380	LT&RT	2	12+445	LT&RT	2	15+130	LT	1
4+495	LT&RT	2	7+400	RT	1	10+400	LT&RT	2	12+500	LT	1	15+145	RT	1
4+520	LT	1	7+420	RT	1	10+420	LT&RT	2	12+545	LT	1	15+171	LT&RT	2
4+540	LT	1	7+424	LT&RT	2	10+440	LT&RT	2	12+590	LT	1	15+174	LT	1
4+565	RT	1	7+530	LT&RT	2	10+485	LT&RT	2	12+700	RT	1	15+220	RT	1
4+655	LT&RT	2	7+575	LT&RT	2	10+530	RT	1	12+720	RT	1	15+265	LT&RT	2
5+025	LT&RT	2	7+620	LT&RT	2	10+555	LT	1	12+740	LT&RT	2	15+310	RT	1
5+035	LT	1	7+665	LT&RT	2	10+600	LT&RT	2	12+750	LT&RT	2	15+355	RT	1
5+045	LT&RT	2	7+740	RT	1	10+645	LT&RT	2	12+760	LT&RT	2	15+420	LT&RT	2
5+065	LT&RT	2	7+785	LT&RT	2	10+690	LT&RT	2	12+770	LT&RT	2	15+575	LT&RT	2
5+085	LT	1	7+830	LT&RT	2	10+795	RT	1	12+780	LT&RT	2	15+620	RT	1
5+105	LT	1	7+875	LT&RT	2	10+840	RT	1	12+790	LT&RT	2	15+715	LT	1
5+115	RT	1	7+920	LT&RT	2	10+875	LT	1	12+800	LT&RT	2	15+825	LT&RT	2
5+135	RT	1	7+965	LT&RT	2	10+970	LT&RT	2	12+810	LT&RT	2	15+931	LT	1
5+155	RT	1	8+025	LT&RT	2	11+015	LT&RT	2	12+820	LT&RT	2	15+937	LT	1
5+225	LT&RT	2	8+045	LT	1	11+100	LT	1	12+830	LT&RT	2	15+939	RT	1
5+293	LT&RT	2	8+078	LT	1	11+150	RT	1	12+840	LT&RT	2	15+975	RT	1
SUBTOTAL		107	SUBTOTAL		99	SUBTOTAL		101	SUBTOTAL		97	SUBTOTAL		95
												GRAND TOTAL		499

PERMANENT SURVEY MARKERS, TYPE 1

	STATION	QUANTITY EACH		STATION	QUANTITY EACH
PC	1+887.948	1	PC	8+841.374	1
PI	2+006.106	1	PI	8+936.594	1
PT	2+113.592	1	PT	8+936.594	1
PI	4+168.229	1	PC	9+157.766	1
PC	4+374.882	1	PI	9.198.572	1
PI	4+401.662	1	PT	9+239.361	1
PT	4+428.404	1	PC	9+857.911	1
PC	4+679.693	1	PI	9+979.834	1
PI	4+767.620	1	PT	10+101.752	1
PT	4+854.953	1	PC	10+757.670	1
PC	4+986.943	1	PI	10+871.558	1
PI	5+262.393	1	PT	10+985.426	1
PT	5+536.529	1	PC	11+902.118	1
PC	5+944.938	1	PI	12+007.014	1
PI	6+033.238	1	PT	12+110.906	1
PT	6+120.199	1	PC	12+324.152	1
PC	6+380.742	1	PI	12+439.891	1
PI	6+473.669	1	PT	12+554.276	1
PT	6+565.330	1	PC	13+143.500	1
PC	6+986.819	1	PI	13.297.116	1
PI	7+052.666	1	PT	13+450.475	1
PT	7+118.219	1	PC	13+450.475	1
PC	7+373.093	1	PI	13+600.724	1
PI	7+419.751	1	PT	13+750.733	1
PT	7+466.210	1			
	SUB TOTAL	25		SUB TOTAL	24
				TOTAL	49

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE NO SCALE — DRAWN BY KOJ

DATE — CHECKED BY

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\78814_sch_all schedules_V8.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS

STATION	OFFSET METERS	SIDE	QUANTITY EACH	STATION	OFFSET METERS	SIDE	QUANTITY EACH
0+882.214	12.192	LT	1	8+778.880	18.288	LT	1
0+902.439	12.192	RT	1	10+162.066	18.288	LT	1
1+327.571	12.192	RT	1	10+192.546	24.384	LT	1
1+358.051	15.24	RT	1	10+223.026	24.384	LT	1
1+449.491	12.192	LT	1	10+253.506	18.288	LT	1
1+479.971	15.24	RT	1	10+757.670	18.288	LT	1
1+510.451	18.288	LT	1	10+857.314	18.288	RT	1
1+510.451	18.288	RT	1	10+985.426	18.288	LT	1
1+540.932	18.288	LT	1	11+142.239	18.288	RT	1
1+540.932	18.288	RT	1	11+143.426	18.288	LT	1
1+571.412	12.192	LT	1	11+442.228	18.288	LT	1
1+574.460	12.192	RT	1	11+457.468	21.336	LT	1
1+708.572	12.192	LT	1	11+550.432	21.336	LT	1
1+723.812	12.192	RT	1	11+564.148	18.288	LT	1
1+739.052	16.764	LT	1	11+655.589	21.336	RT	1
1+754.292	16.764	RT	1	11+686.069	18.288	LT	1
1+815.252	16.764	RT	1	11+716.549	27.432	RT	1
1+845.732	16.764	LT	1	11+716.549	24.384	LT	1
1+860.972	19.812	RT	1	11+777.509	27.431	RT	1
1+887.948	18.288	LT	1	11+807.989	24.384	LT	1
1+906.692	19.812	RT	1	11+807.989	21.335	RT	1
1+946.357	14.935	RT	1	11+838.469	18.288	LT	1
2+014.080	24.384	RT	1	12+265.190	18.288	LT	1
2+113.592	18.288	LT	1	12+324.152	24.384	LT	1
2+113.592	24.384	RT	1	12+554.276	24.384	LT	1
2+206.770	18.288	LT	1	12+630.951	18.288	LT	1
2+237.250	16.764	LT	1	12+752.871	18.288	RT	1
2+328.690	24.384	RT	1	12+783.351	24.384	RT	1
2+359.170	21.336	RT	1	12+874.791	24.384	RT	1
2+481.073	16.764	LT	1	12+905.271	18.288	RT	1
2+663.953	16.764	LT	1	12+984.600	18.288	LT	1
2+675.230	16.764	LT	1	13+143.500	18.288	LT	1
2+756.935	16.764	LT	1	13+370.092	18.288	LT	1
2+761.396	22.86	LT	1	13+381.821	33.53	LT	1
5+619.426	15.24	LT	1	13+395.752	22.86	RT	1
5+783.260	15.24	RT	1	13+406.553	33.528	LT	1
5+944.938	15.24	LT	1	13+414.288	18.288	RT	1
5+944.938	15.24	RT	1	13+415.812	18.288	LT	1
6+120.199	15.24	LT	1	13+450.475	18.288	LT	1
6+120.199	15.24	RT	1	13+450.475	18.288	RT	1
6+380.742	15.24	LT	1	13+750.733	18.288	RT	1
6+380.742	15.24	RT	1	13+752.021	18.288	LT	1
6+428.258	15.24	LT	1	14+222.333	18.288	RT	1
6+428.258	15.24	RT	1	14+222.553	18.288	LT	1
6+436.597	24.384	LT	1	14+468.958	18.288	RT	1
6+443.282	33.528	RT	1	14+468.958	18.288	LT	1
6+448.406	24.384	LT	1	14+733.607	18.288	RT	1
6+456.208	33.528	RT	1	15+001.123	18.288	LT	1
6+458.738	15.24	LT	1	15+047.771	18.288	LT	1
6+466.358	15.24	RT	1	15+055.937	27.432	LT	1
6+565.418	15.24	RT	1	15+075.141	38.1	RT	1
6+861.669	15.24	LT	1	15+084.347	18.288	RT	1
6+870.475	15.24	RT	1	15+161.534	18.288	LT	1
6+999.998	18.288	LT	1	15+161.555	9.144	LT	1
7+118.218	18.288	LT	1	15+425.695	18.288	RT	1
7+205.500	33.528	LT	1	15+425.777	13.716	RT	1
7+282.260	15.24	RT	1	15+465.348	13.716	RT	1
7+373.093	33.528	LT	1	15+480.588	18.288	RT	1
7+373.093	15.24	RT	1	15+610.436	15.241	LT	1
7+434.100	15.24	LT	1	15+610.438	18.288	LT	1
7+466.210	15.24	RT	1	15+653.872	18.288	RT	1
7+672.873	15.24	RT	1	15+669.119	18.288	RT	1
7+674.106	15.24	LT	1	15+765.958	18.288	RT	1
7+679.764	24.384	RT	1	15+781.207	18.288	RT	1
7+681.736	24.384	LT	1	15+874.903	15.241	LT	1
7+692.870	24.384	RT	1	15+874.918	18.288	LT	1
7+694.842	24.384	LT	1	16+013.989	18.288	LT	1
7+700.328	15.24	RT	1	16+013.989	18.288	RT	1
7+701.560	15.24	LT	1	16+024.294	12.192	LT	1
8+502.534	15.24	LT	1	16+024.297	14.165	LT	1
8+629.648	15.24	RT	1	16+029.229	12.192	RT	1
8+717.978	18.288	LT	1				
		SUB TOTAL	72			SUB TOTAL	71
						GRAND TOTAL	143

EROSION CONTROL

LOCATION				EROSION CONTROL BLANKET	STONE DUMPED RIPRAP, CLASS A4	FILTER FABRIC	AGGREGATE DITCH
				M2510630	M2810707	M2820200	M2830400
STATION	TO	STATION	LT/RT	SQ. METER	SQ. METER	SQ. METER	M. TON
1+052.7	TO	1+055.9	LT		14.7	14.7	
1+052.7	TO	1+055.9	RT		11.7	11.7	
1+517.7	TO	1+522.3	LT		18.0	18.0	
1+517.7	TO	1+535.0	RT		92.2	92.2	
1+825.0	TO	1+884.8	LT		168.8	168.8	
1+825.0	TO	1+925.0	RT		262.3	262.3	
2+053.6	TO	2+142.6	RT	498.2			
2+142.6	TO	2+146.0	LT		16.9	16.9	
2+142.6	TO	2+146.0	RT		33.9	33.9	
2+146.0	TO	2+393.0	RT	1333.7			
2+413.6	TO	2+698.0	RT	1535.0			
2+698.0	TO	2+702.0	LT		14.4	14.4	
2+698.0	TO	2+756.0	RT		318.3	318.3	
2+755.0	TO	2+759.5	LT		14.7	14.7	
2+762.0	TO	2+773.8	RT		115.5	115.5	
3+960.0	TO	3+963.0	LT		15.3	15.3	
4+473.6	TO	4+478.8	LT		27.5	27.5	
4+473.6	TO	4+478.8	RT		31.2	31.2	
4+478.8	TO	4+574.1	LT			223.5	119.6
4+592.8	TO	4+610.4	LT			42.8	22.9
4+478.8	TO	4+520.0	RT			100.4	53.7
4+538.0	TO	4+590.2	RT			127.1	68.0
4+612.5	TO	4+634.2	RT			52.9	28.3
5+293.1	TO	5+296.9	LT		16.6	16.6	
5+291.4	TO	5+296.9	RT		24.2	24.2	
5+725.0	TO	5+775.0	RT		175.1	175.1	
5+726.7	TO	5+765.7	LT		122.8	122.8	
6+428.0	TO	6+436.4	LT		31.7	31.7	
6+428.0	TO	6+441.3	RT		42.8	42.8	
6+800.0	TO	6+875.0	LT	180.0			
6+800.0	TO	6+811.0	RT	26.4			
6+827.4	TO	6+901.0	RT	176.8			
6+913.0	TO	6+925.0	RT	29.0			
6+925.0	TO	6+980.0	RT		122.3	122.3	
7+185.8	TO	7+225.0	RT		96.3	96.3	
7+187.8	TO	7+190.5	LT		9.4	9.4	
7+399.8	TO	7+465.2	LT		163.1	163.1	
7+419.8	TO	7+423.4	RT		12.5	12.5	
8+074.0	TO	8+083.0	RT		42.7	42.7	
8+077.0	TO	8+083.0	LT		29.0	29.0	
8+827.3	TO	8+829.9	LT		12.4	12.4	
8+827.3	TO	8+829.9	RT		11.4	11.4	
SUB-TOTALS				3,779.1	2,067.7	2,614.4	292.5

LOCATION				EROSION CONTROL BLANKET	STONE DUMPED RIPRAP, CLASS A4	FILTER FABRIC	AGGREGATE DITCH
				M2510630	M2810707	M2820200	M2830400
STATION	TO	STATION	LT/RT	SQ. METER	SQ. METER	SQ. METER	M. TON
9+000.0	TO	9+065.5	LT	157.7			
9+080.3	TO	9+100.0	LT	47.3			
9+000.0	TO	9+100.0	RT	240.0			
9+100.0	TO	9+182.1	RT		196.7	196.7	
9+202.9	TO	9+212.6	RT		27.2	27.2	
9+625.0	TO	9+674.4	RT		119.2	119.2	
9+690.7	TO	9+698.1	RT		17.9	17.9	
9+717.0	TO	9+750.0	RT		79.3	79.3	
9+700.0	TO	9+750.0	LT		121.0	121.0	
9+750.0	TO	9+850.0	LT	240.0			
9+750.0	TO	9+850.0	RT	240.0			
10+065.0	TO	10+115.5	RT		175.0	175.0	
10+200.0	TO	10+318.4	LT		285.9	285.9	
10+200.0	TO	10+275.0	RT		182.0	182.0	
10+275.0	TO	10+314.2	RT	94.1			
10+328.8	TO	10+549.5	RT	529.6			
10+339.7	TO	10+489.7	LT	360.0			
11+201.6	TO	11+205.1	LT		12.0	12.0	
11+201.6	TO	11+206.3	RT		20.8	20.8	
11+400.0	TO	11+475.0	LT		181.5	181.5	
11+400.0	TO	11+450.0	RT		120.8	120.8	
11+501.0	TO	11+550.0	LT		118.0	118.0	
11+535.0	TO	11+555.1	RT		48.5	48.5	
11+777.2	TO	11+837.5	LT		167.1	167.1	
11+776.0	TO	11+780.4	RT		17.0	17.0	
12+136.3	TO	12+140.7	LT		18.5	18.5	
12+136.3	TO	12+140.7	RT		34.5	34.5	
12+359.9	TO	12+446.5	LT		210.2	210.2	
12+360.0	TO	12+445.9	RT		203.7	203.7	
12+700.0	TO	12+887.5	RT	450.0			
12+737.5	TO	12+870.0	LT	318.0			
12+893.7	TO	12+896.9	LT		13.1	13.1	
12+893.7	TO	12+896.9	RT		12.3	12.3	
13+373.1	TO	13+376.9	LT		14.4	14.4	
13+373.1	TO	13+376.9	RT		15.1	15.1	
13+625.0	TO	13+666.4	LT		111.3	111.3	
13+622.2	TO	13+664.1	RT		113.5	113.5	
15+170.5	TO	15+174.5	LT		15.6	15.6	
15+170.5	TO	15+174.5	RT		17.1	17.1	
15+374.6	TO	15+378.4	LT		13.9	13.9	
15+374.6	TO	15+378.4	RT		13.8	13.8	
15+938.2	TO	15+941.8	LT		14.1	14.1	
15+935.8	TO	15+941.8	RT		31.5	31.5	
SUB-TOTALS				2,676.7	2,742.5	2,742.5	0.0
TOTAL				6,455.8	4,810.2	5,356.9	292.5
TOTALS ROUNDED FOR SUMMARY SHEET				6,456	4,811	5,357	293

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE NO SCALE DRAWN BY KOJ

DATE APRIL 18, 2008 CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70014.sch_all schedules_V8.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

STEEL PLATE BEAM GUARDRAIL AND TRAFFIC BARRIER TERMINALS

LOCATION				STEEL PLATE BEAM GUARDRAIL, TYPE A	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (FLARED)	TRAFFIC BARRIER TERMINAL, TYPE 2	GUARDRAIL MARKERS, TYPE A	TERMINAL MARKER DIRECT APPLIED
				M6300100	63100167	63100169	63100045	78200410	78201000
STATION	TO	STATION	RT/LT	METER	EACH	EACH	EACH	EACH	EACH
RURAL									
7+423.80	TO	7+472.80	RT	34.29	2			4	2
7+483.20	TO	7+531.00	RT	38.10	1		1	4	2
10+130.00	TO	10+202.30	RT	72.39	1	1		4	2
10+145.00	TO	10+270.70	LT	110.49	2			4	2
11+408.10	TO	11+507.10	RT	83.82	2			4	2
11+472.90	TO	11+587.2	LT	99.06	2			4	2
TOTALS				438.15	10	1	1	24	12
TOTALS ROUNDED FOR SUMMARY SHEET				438.15	10	1	1	24	12

CONCRETE CURB, TYPE B

LOCATION				CONCRETE CURB, TYPE B
				M6060070
STATION	TO	STATION	LT/RT	METER
2+884.1	TO	2+886.3	LT	2.3
2+884.1	TO	2+887.0	LT	2.9
2+897.2	TO	2+900.1	LT	2.9
2+897.9	TO	2+900.1	LT	2.3
2+969.3	TO	2+971.5	LT	2.3
2+969.3	TO	2+972.2	LT	2.9
2+982.4	TO	2+985.3	LT	2.9
2+983.1	TO	2+985.3	LT	2.3
3+108.2	TO	3+108.2	LT	1.9
3+110.6	TO	3+116.8	LT	9.3
3+127.7	TO	3+130.6	LT	2.9
3+128.4	TO	3+130.6	LT	2.3
3+202.0	TO	3+205.5	LT	3.5
3+202.0	TO	3+205.4	LT	5.2
3+216.4	TO	3+219.3	LT	2.9
3+217.1	TO	3+219.3	LT	2.3
3+290.2	TO	3+293.1	LT	2.9
3+290.2	TO	3+292.4	LT	2.3
3+304.0	TO	3+307.5	LT	3.5
3+304.1	TO	3+307.5	LT	5.3
3+375.7	TO	3+379.2	LT	3.5
3+375.7	TO	3+379.1	LT	5.1
3+391.0	TO	3+394.5	LT	5.1
3+391.5	TO	3+394.5	LT	3.0
3+665.1	TO	3+668.7	LT	3.6
3+665.3	TO	3+668.7	LT	5.3
3+737.1	TO	3+739.4	LT	2.3
3+737.1	TO	3+740.4	LT	3.3
3+751.6	TO	3+755.1	LT	3.5
3+751.7	TO	3+755.1	LT	5.1
3+824.2	TO	3+827.1	LT	2.9
3+824.2	TO	3+826.5	LT	2.3
3+838.1	TO	3+840.7	LT	2.6
3+908.6	TO	3+913.2	LT	4.6
3+911.0	TO	3+913.9	LT	2.9
3+924.2	TO	3+927.0	LT	2.9
3+924.8	TO	3+927.0	LT	2.3
3+972.0	TO	3+974.1	LT	2.1
3+972.0	TO	3+974.2	LT	2.3
3+985.2	TO	3+987.3	LT	2.1
3+985.3	TO	3+987.3	LT	2.0
4+022.7	TO	4+024.8	LT	2.1
4+022.7	TO	4+024.7	LT	2.0
4+035.8	TO	4+038.0	LT	2.3
4+035.9	TO	4+038.0	LT	2.1
SUB-TOTALS				142.4
TOTAL				283.4
TOTALS ROUNDED FOR SUMMARY SHEET				283.4

LOCATION				CONCRETE CURB, TYPE B
				M6060070
STATION	TO	STATION	LT/RT	METER
3+108.2	TO	3+108.2	RT	2.1
3+110.6	TO	3+116.8	RT	9.5
3+113.3	TO	3+116.7	RT	5.1
3+127.7	TO	3+130.6	RT	2.9
3+128.4	TO	3+130.6	RT	2.3
3+203.3	TO	3+205.5	RT	2.3
3+203.3	TO	3+206.2	RT	2.9
3+216.4	TO	3+219.3	RT	2.9
3+217.1	TO	3+219.3	RT	2.3
3+288.9	TO	3+292.2	RT	5.1
3+288.9	TO	3+292.4	RT	3.5
3+303.3	TO	3+306.1	RT	2.8
3+304.0	TO	3+305.9	RT	1.9
3+311.9	TO	3+313.9	RT	1.9
3+321.7	TO	3+324.1	RT	2.4
3+327.7	TO	3+330.1	RT	2.4
3+337.8	TO	3+340.1	RT	2.4
3+409.1	TO	3+410.9	RT	1.8
3+420.3	TO	3+422.5	RT	2.2
3+424.9	TO	3+427.0	RT	2.2
3+439.8	TO	3+442.0	RT	2.2
3+445.7	TO	3+447.8	RT	2.2
3+456.6	TO	3+458.8	RT	2.2
3+463.5	TO	3+466.7	RT	3.2
3+466.0	TO	3+466.0	RT	1.9
3+466.0	TO	3+467.9	RT	1.9
3+466.0	TO	3+467.7	RT	3.4
3+477.1	TO	3+478.8	RT	1.7
3+478.1	TO	3+480.0	RT	2.0
3+487.0	TO	3+489.0	RT	2.0
3+663.9	TO	3+665.6	RT	1.7
3+664.2	TO	3+666.2	RT	2.1
3+673.4	TO	3+675.5	RT	2.1
3+688.2	TO	3+692.5	RT	4.2
3+700.1	TO	3+704.4	RT	4.2
3+712.0	TO	3+714.2	RT	2.1
3+737.6	TO	3+740.1	RT	2.5
3+739.0	TO	3+741.1	RT	2.1
3+751.8	TO	3+755.0	RT	3.3
3+751.9	TO	3+755.0	RT	5.4
3+910.0	TO	3+913.1	RT	5.5
3+910.0	TO	3+913.2	RT	3.3
3+924.8	TO	3+928.0	RT	3.3
3+925.2	TO	3+928.0	RT	5.2
4+148.3	TO	4+150.5	RT	2.3
4+148.3	TO	4+151.2	RT	2.9
4+160.5	TO	4+163.3	RT	2.9
4+161.1	TO	4+163.3	RT	2.3
SUB-TOTALS				141.0

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.60

LOCATION				COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.60
				M6060700
STATION	TO	STATION	LT/RT	METER
2+756.9	TO	2+763.9	LT	12.7
2+771.1	TO	2+887.6	LT	129.4
2+896.6	TO	2+972.8	LT	89.2
2+981.8	TO	3+118.1	LT	154.4
3+127.1	TO	3+168.8	LT	53.9
3+183.3	TO	3+206.8	LT	32.5
3+215.8	TO	3+293.7	LT	90.5
3+302.7	TO	3+380.5	LT	99.2
3+389.6	TO	3+429.7	LT	51.4
3+445.0	TO	3+475.9	LT	30.9
3+490.1	TO	3+496.7	LT	6.6
3+512.5	TO	3+568.1	LT	70.0
3+577.4	TO	3+654.7	LT	98.1
3+663.7	TO	3+739.8	LT	91.9
3+750.3	TO	3+827.8	LT	96.8
3+827.8	TO	3+827.8	LT	1.5
3+836.8	TO	3+901.8	LT	77.4
3+910.1	TO	3+914.5	LT	10.9
3+923.5	TO	3+969.9	LT	52.5
3+989.5	TO	4+020.5	LT	31.0
4+040.1	TO	4+297.6	LT	257.4
4+332.2	TO	4+382.5	LT	50.4
4+401.3	TO	4+422.6	LT	21.5
4+441.6	TO	4+442.1	LT	0.5
4+463.1	TO	4+475.7	LT	13.1
SUB-TOTALS				1,623.7

LOCATION				COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.60
				M6060700
STATION	TO	STATION	LT/RT	METER
2+770.3	TO	2+842.5	RT	72.7
2+863.3	TO	2+928.0	RT	64.7
2+947.4	TO	2+970.0	RT	22.6
3+009.3	TO	3+118.1	RT	112.9
3+118.1	TO	3+118.1	RT	18.8
3+127.1	TO	3+155.1	RT	43.3
3+172.5	TO	3+206.8	RT	40.0
3+215.8	TO	3+293.7	RT	91.1
3+302.7	TO	3+309.7	RT	11.5
3+340.7	TO	3+377.1	RT	36.4
3+393.3	TO	3+408.8	RT	16.9
3+422.4	TO	3+424.9	RT	2.5
3+441.9	TO	3+445.7	RT	3.8
3+458.7	TO	3+467.9	RT	10.5
3+467.9	TO	3+467.9	RT	5.4
3+476.9	TO	3+476.9	RT	4.3
3+476.9	TO	3+486.9	RT	11.3
3+500.5	TO	3+524.7	RT	24.2
3+534.7	TO	3+567.2	RT	41.6
3+577.1	TO	3+655.3	RT	99.2
3+663.7	TO	3+673.4	RT	12.1
3+714.2	TO	3+741.5	RT	28.9
3+741.5	TO	3+741.5	RT	1.9
3+750.5	TO	3+783.0	RT	46.5
3+797.2	TO	3+914.5	RT	123.4
3+923.5	TO	4+151.8	RT	240.5
4+159.8	TO	4+299.2	RT	145.6
4+297.5	TO	4+364.9	RT	67.4
4+383.2	TO	4+433.4	RT	49.8
4+449.6	TO	4+453.6	RT	4.0
4+469.8	TO	4+475.7	RT	6.4
				1460.2
TOTAL				3,083.9
TOTALS ROUNDED FOR SUMMARY SHEET				3,083.9

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.30

LOCATION				COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.30
				M6060500
STATION	TO	STATION	LT/RT	METER
3+306.3	TO	3+314.0	RT	12.9
3+321.6	TO	3+330.2	RT	8.6
3+337.8	TO	3+340.6	RT	2.8
3+405.6	TO	3+411.2	RT	5.6
3+420.0	TO	3+427.3	RT	7.4
3+439.5	TO	3+448.1	RT	8.7
3+456.3	TO	3+464.6	RT	9.9
3+464.6	TO	3+464.6	RT	6.7
3+479.0	TO	3+489.3	RT	11.8
3+498.1	TO	3+503.5	RT	6.6
3+665.8	TO	3+675.8	RT	12.1
3+687.9	TO	3+692.8	RT	4.9
3+699.8	TO	3+704.7	RT	4.9
3+711.7	TO	3+738.8	RT	29.0
TOTAL				131.9
TOTALS ROUNDED FOR SUMMARY SHEET				131.9

GUTTER OUTLET

LOCATION		GUTTER OUTLET 60603300
STATION	LT/RT	EACH
2+770.0	RT	1
4+475.0	RT	1
4+475.0	LT	1
TOTAL		3

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE NO SCALE — DRAWN BY KOJ

DATE APRIL 18, 2008 — CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70014_sch_all schedules_V8.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	25
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PROPOSED PAVEMENT SCHEDULE

LOCATION				PROCESSING MODIFIED SOIL MIXTURE, 300MM	LIME	SUB-BASE GRANULAR MATERIAL, TYPE B, 100MM	PORTLAND CEMENT CONCRETE BASE COURSE, 200MM	HOT-MIX ASPHALT BASE COURSE, VARIABLE DEPTH	BITUMINOUS MATERIALS (PRIME COAT)		AGGREGATE (PRIME COAT)	LEVEING BINDER (MACHINE METHOD), N70	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH) 350MM	AGGREGATE SHOULDERS, TYPE B, 150MM	HOT-MIX ASPHALT SHOULDERS, 150MM
									PRIOR TO BINDER/BASE COURSE	PRIOR TO SURFACE COURSE						
				M3020456	M3021500	M3111100	M3530200	M3552100	M4060100		M4060300	M4062135	M4063340	M4075350	M4812150	M4820550
STATION	TO	STATION	LT/RT	SQ M	M TON	SQ M	SQ M	M TON	LITER	LITER	M TON	M TON	M TON	SQ M	SQ M	SQ M
RURAL																
0+915.000	TO	0+935.000	LT&RT						56.44	56.44	0.48	1429.32	14.71		30.00	36.00
0+935.000	TO	2+756.900	LT&RT						5420.15	5420.15	46.46		1412.34		5318.26	3227.49
OBLONG																
2+756.900	TO	3+394.700	LT			1068.32	382.68		892.92	892.92	7.65		232.67			
2+756.900	TO	2+770.950	RT						20.90	20.90	0.18		5.45		20.54	12.64
2+770.950	TO	3+394.700	RT			1044.78	374.25		873.25	873.25	7.49		227.54			
3+394.700	TO	3+736.200	LT			572.01	204.90		705.20	705.20	6.04	1395.65	183.75			
3+394.700	TO	3+736.200	RT			1220.86	853.75		705.20	705.20	6.04		183.75			
3+736.200	TO	4+475.071	LT			1237.61	443.32		1034.42	1034.42	8.87		269.54			
3+736.200	TO	4+379.000	RT			1076.69	385.68		899.92	899.92	7.71		234.49			
4+379.000	TO	4+475.071	RT			218.56	115.29		134.50	134.50	1.15		35.05			
RURAL																
4+475.071	TO	4+635.000	LT&RT						475.79	475.79	4.08	74.38	123.98		382.22	287.87
4+635.000	TO	4+655.000	LT&RT						54.96	54.96	0.47		14.32		77.96	36.00
DOGWOOD CREEK BRIDGE AND ROAD OMMISION																
5+025.000	TO	5+045.000	LT&RT						54.95	54.95	0.47	821.40	14.32		78.06	36.00
5+045.000	TO	6+825.000	LT&RT						5295.50	5295.50	45.39		1379.86		4707.38	3112.92
6+825.000	TO	7+100.000	LT&RT					2589.00	1106.88	1106.88	9.49		288.42			495.00
7+100.000	TO	9+365.000	LT&RT						6738.38	6738.38	57.76	985.20	1755.83		5878.15	4313.25
9+365.000	TO	9+385.000	LT&RT						59.50	59.50	0.51		15.50		24.37	36.00
BIG CREEK BRIDGE AND ROAD OMMISION																
9+580.000	TO	9+600.000	LT&RT						59.50	59.50	0.51		15.50		48.73	36.00
9+600.000	TO	13+143.500	LT						5536.25	5536.25	47.45	2061.38	1442.59		4434.72	3905.75
9+600.000	TO	13+095.000	RT						5412.25	5412.25	46.39		1410.28		4489.80	3679.07
13+095.000	TO	13+143.500	RT						97.61	97.61	0.84		25.43			43.65
13+143.500	TO	13+750.733(BK)	LT&RT	7711.86	158.62	7711.86			11567.79	2444.11	10.47			6983.18		
13+752.021(AHD)	TO	15+545.000	LT						2667.06	2667.06	22.86	418.50	694.96		2287.33	1549.78
13+752.021(AHD)	TO	13+810.000	RT						116.68	116.68	1.00	418.50	30.40			52.18
13+810.000	TO	15+545.000	RT						2580.81	2580.81	22.12		672.49		2367.42	1529.01
URBAN																
15+545.000	TO	15+996.000	LT&RT						1341.73	1341.73	11.50	248.71	349.62		1181.04	757.53
15+996.000	TO	16+016.000	LT&RT						59.85	59.85	0.51		15.60		54.93	36.00
TOTAL				7711.86	158.62	14150.69	2759.87	2589.00	53968.37	44844.69	373.91	7853.04	11048.38	6983.18	31380.91	23182.15
TOTALS ROUNDED FOR SUMMARY SHEET				7,712	158.7	14,151	2,760	2,589	107,937		374	7,854	11,049	6,984	31,381	23,183

REVISIONS	
NAME	DATE
L.W.J.	08/28/08

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE NO SCALE DRAWN BY KOJ

DATE AUGUST 28, 2008 3 CHECKED BY LWJ

H. M. & G. NO. 4420

PLOT DATE = 11/6/2008
FILE NAME = H:\4420\Final_Plans\Drawings\0794533\SHT_014_sch_all schedules_V8.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	26
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PORTLAND CEMENT CONCRETE SIDEWALK 100mm

LOCATION				PORTLAND CEMENT CONCRETE SIDEWALK, 100MM	
				100% STATE	50% / 50%
				M4240100	
STATION	TO	STATION	LT/RT	SQ M	
2+855.2	TO	2+887.0	LT	8.97	28.80
2+861.4			LT		1.35
2+877.3			LT		1.28
2+897.5	TO	2+931.9	LT	8.97	32.28
2+909.0			LT		1.10
2+928.5			LT		1.10
2+937.1	TO	2+971.9	LT	9.09	32.64
2+962.0			LT		1.16
2+982.7	TO	3+108.2	LT	34.92	115.68
2+993.1			LT		1.37
3+050.4			LT		1.26
3+070.1			LT		1.28
3+089.0			LT	1.25	
3+108.2	TO	3+117.9	LT	30.34	
3+108.2	TO	3+117.9	RT	38.62	
3+109.5			LT	3.34	
3+128.0	TO	3+159.4	RT	9.77	27.84
3+128.0	TO	3+162.1	LT	8.97	31.92
3+144.3			LT		0.97
3+157.1			LT		1.39
3+165.7	TO	3+173.0	LT	8.78	
3+168.2	TO	3+205.9	RT	9.77	35.40
3+179.0	TO	3+203.6	LT	8.50	21.00
3+189.3			LT		2.08
3+202.4			RT	1.08	
3+203.6	TO	3+206.6	LT	12.20	
3+216.7	TO	3+250.4	LT	8.85	31.56
3+216.7	TO	3+253.3	RT	8.96	34.92
3+221.3			LT	1.13	
3+229.4			RT		2.07
3+246.1			RT		1.79
3+254.0	TO	3+267.6	LT	5.88	10.44
3+256.9	TO	3+290.4	RT	7.67	32.52
3+260.9			RT		1.94
3+271.2	TO	3+292.8	LT	8.84	17.04
3+265.6			LT	1.10	
3+280.0			RT		2.13
3+290.4	TO	3+293.5	RT	21.36	
3+303.6	TO	3+314.0	RT	12.40	
3+302.9	TO	3+306.0	LT	12.81	
3+306.0	TO	3+352.7	LT	7.67	48.36
3+315.6			LT		1.03
3+321.6	TO	3+330.2	RT	10.24	
3+333.8			LT		0.92
3+337.8	TO	3+343.7	RT	7.11	
3+347.3	TO	3+381.4	RT	6.83	34.08
3+356.3	TO	3+377.3	LT	7.63	17.52
3+362.6			LT		2.35
3+377.5			RT		2.12
3+377.3	TO	3+380.3	LT	16.28	
3+389.0	TO	3+411.2	RT	12.08	14.40
3+389.8	TO	3+393.0	LT	16.74	
3+393.0	TO	3+432.0	RT	7.91	38.88
3+396.7			RT		1.24
3+411.7			LT		0.88
3+420.0	TO	3+427.3	RT	8.57	
3+439.5	TO	3+448.1	RT	10.13	
3+442.6	TO	3+478.3	LT	5.03	37.68
3+456.3	TO	3+467.6	RT	15.14	
3+457.3			LT		1.97
3+477.3	TO	3+489.2	RT	14.03	
3+489.2	TO	3+499.1	LT	5.09	8.40
3+498.1	TO	3+527.1	RT	57.86	45.50
3+510.1	TO	3+565.5	LT	88.31	110.00
3+532.3	TO	3+564.5	RT	56.21	28.90
3+564.5	TO	3+567.0	RT	18.61	
3+565.5	TO	3+567.9	LT	27.85	7.40
3+577.3	TO	3+580.6	RT	20.67	
3+577.6	TO	3+580.0	LT	25.35	
3+580.0	TO	3+649.6	LT	114.79	152.60
3+580.6	TO	3+652.2	RT	126.01	58.40

LOCATION				PORTLAND CEMENT CONCRETE SIDEWALK, 100MM	
				100% STATE	50% / 50%
				M4240100	
STATION	TO	STATION	LT/RT	SQ M	
3+649.6	TO	3+654.5	LT	21.10	
3+652.2	TO	3+654.5	RT	24.98	
3+663.9	TO	3+675.7	RT	14.06	
3+663.9	TO	3+674.5	LT	20.21	
3+674.5	TO	3+692.7	RT	5.57	
3+699.9	TO	3+704.6	RT	5.57	
3+711.8	TO	3+740.6	RT	34.59	
3+734.7	TO	3+739.9	LT	6.32	
3+750.5	TO	3+757.5	LT	16.70	
3+750.7	TO	3+753.7	RT	18.08	
3+753.7	TO	3+787.3	RT	7.06	33.24
3+792.9	TO	3+804.3	RT	5.79	7.92
3+807.9	TO	3+820.8	RT	6.24	9.24
3+820.6	TO	3+826.8	LT	7.47	
3+824.4	TO	3+880.4	RT	5.88	61.32
3+832.3			RT		1.38
3+837.0	TO	3+840.7	LT	21.98	
3+840.7	TO	3+886.1	LT	54.51	
3+853.7			LT	1.34	
3+860.4			RT		1.26
3+880.6			LT	2.83	
3+884.0	TO	3+890.7	RT	8.04	
3+889.7	TO	3+904.0	LT	5.69	11.52
3+894.3	TO	3+911.5	RT	7.56	13.08
3+898.0			RT		1.74
3+898.8			LT		3.15
3+908.6	TO	3+913.6	LT	5.97	
3+911.5	TO	3+914.3	RT	15.86	
3+923.7	TO	3+926.8	RT	13.45	
3+924.4	TO	3+974.2	LT	59.68	
3+926.8	TO	3+942.1	RT	7.07	11.28
3+932.9			RT		2.73
3+934.7			LT	1.80	
3+945.7	TO	3+982.2	RT	5.88	37.92
3+953.0			RT		0.97
3+985.2	TO	3+988.5	LT	3.94	
3+985.8	TO	3+987.7	RT	2.28	
3+991.3	TO	4+037.9	RT	5.76	50.16
3+995.9			RT		1.46
4+005.2			RT		1.62
4+021.5	TO	4+024.8	LT	3.93	
4+030.4			RT		0.19
4+035.8	TO	4+070.2	LT	8.37	32.88
4+041.5	TO	4+073.8	RT	5.76	33.00
4+073.8	TO	4+095.5	LT	5.82	20.28
4+077.4	TO	4+110.4	RT	5.88	33.72
4+085.4			RT		1.41
4+101.5	TO	4+117.8	LT	6.06	13.56
4+105.7			RT		2.25
4+112.5			LT		1.80
4+114.0	TO	4+150.9	RT	8.96	35.28
4+121.4	TO	4+124.2	LT	3.36	
4+129.9			RT		1.54
4+129.2	TO	4+166.3	LT	5.73	38.76
4+133.6			LT		0.11
4+158.4			LT		0.11
4+160.7	TO	4+200.7	RT	11.81	36.24
4+170.6	TO	4+187.6	LT	5.82	14.52
4+176.1			RT		0.49
4+179.0			LT		1.80
4+192.0	TO	4+217.8	LT	5.94	25.08
4+204.3	TO	4+221.4	RT	5.88	14.64
4+211.2			LT		1.80
4+218.6			RT		1.38
4+223.1	TO	4+301.9	LT	5.54	88.92
4+225.0	TO	4+255.9	RT	5.70	31.32
4+237.2			LT		0.23
4+259.6	TO	4+290.7	RT	5.70	31.68
TOTALS				1493.23	1799.92
TOTALS ROUNDED FOR SUMMARY SHEET				1,493.5	1,800.0

DETECTABLE WARNINGS

LOCATION		DETECTABLE WARNINGS	LOCATION		DETECTABLE WARNINGS
		M4248000			M4248000
STATION	LT/RT	SQ M	STATION	LT/RT	SQ M
2+886.0	LT	0.63	3+109.4	RT	1.20
2+898.2	LT	0.63	3+116.8	RT	0.76
2+971.2	LT	0.63	3+128.7	RT	0.63
2+983.4	LT	0.63	3+205.2	RT	0.63
3+109.4	LT	1.20	3+217.4	RT	0.63
3+117.1	LT	0.74	3+292.4	RT	0.76
3+128.7	LT	0.63	3+304.3	RT	0.63
3+205.6	LT	0.74	3+410.6	RT	0.63
3+217.4	LT	0.63	3+420.6	RT	0.63
3+292.1	LT	0.63	3+426.7	RT	0.63
3+304.0	LT	0.76	3+440.1	RT	0.63
3+379.3	LT	0.71	3+447.5	RT	0.63
3+391.2	LT	0.83	3+456.9	RT	0.63
3+566.8	LT	0.71	3+466.4	RT	0.63
3+578.7	LT	0.72	3+478.4	RT	0.63
3+652.7	LT	0.77	3+488.7	RT	0.63
3+665.3	LT	0.75	3+498.7	RT	0.63
3+739.1	LT	0.63	3+526.4	RT	0.63
3+751.7	LT	0.72	3+532.9	RT	0.63
3+826.1	LT	0.63	3+565.8	RT	0.71
3+838.3	LT	0.71	3+578.5	RT	0.71
3+912.9	LT	0.63	3+653.4	RT	0.72
3+925.1	LT	0.63	3+664.5	RT	0.63
			3+675.1	RT	0.63
			3+688.6	RT	0.63
			3+692.1	RT	0.63
			3+700.5	RT	0.63
			3+704.0	RT	0.63
			3+712.4	RT	0.63
			3+739.8	RT	0.63
			3+751.8	RT	0.71
			3913.2	RT	0.71
			3924.9	RT	0.71
			4150.2	RT	0.63
			4161.4	RT	0.63
SUB-TOTALS		16.29			23.37
TOTAL					39.66
TOTALS ROUNDED FOR SUMMARY SHEET					39.7

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE NO SCALE DRAWN BY KOJ

DATE APRIL 18, 2008 CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\78014_sch_all schedules_V8.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PIPE CULVERT SCHEDULE

LOCATION			TYPE	TRENCH BACKFILL	PIPE CULVERTS															PRECAST REINFORCED CONCRETE FLARED END SECTIONS						END SECTIONS								PIPE TEES			INLETS
					RCCP						CLASS D																							375 PIPE WITH	600 PIPE WITH	750 PIPE WITH	
STATION		RT/LT /AR		CUBIC METER	TYPE 1 375 METER	TYPE 1 450 METER	TYPE 1 600 METER	TYPE 1 750 METER	TYPE 1 900 METER	TYPE 1 1500 METER	TYPE 1 300 METER	TYPE 1 375 METER	TYPE 1 450 METER	TYPE 1 525 METER	TYPE 1 600 METER	TYPE 1 675 METER	TYPE 1 750 METER	TYPE 1 900 METER	TYPE 1 1050 METER	375 EACH	450 EACH	600 EACH	750 EACH	900 EACH	1500 EACH	300 EACH	375 EACH	450 EACH	525 EACH	600 EACH	675 EACH	750 EACH	900 EACH	1050 EACH	300 RISER EACH	375 RISER EACH	375 RISER EACH	TYPE A, TY 8 GRATE EACH
RURAL																																				
STA	0+952.000	RT	PIPE CULVERTS										10.36															2									
STA	1+201.500	LT	PIPE CULVERTS										8.84															2									
STA	1+392.000	LT	PIPE CULVERTS	6.91		18.29															2															
STA	1+465.000	LT	PIPE CULVERTS												10.36																						
STA	1+465.000	RT	PIPE CULVERTS												12.50																						
STA	1+595.600	RT	PIPE CULVERTS										10.97															2									
STA	1+755.200	LT	PIPE CULVERTS										10.67															2									
STA	1+764.500	RT	PIPE CULVERTS										15.85															2									
STA	2+196.000	LT	PIPE CULVERTS												11.58															2							
STA	2+403.300	RT	PIPE CULVERTS	20.15						17.37														2													
STA	2+534.000	LT	PIPE CULVERTS									13.41															2										
OBLONG - SEE STORM SEWER SCHEDULE																																				
RURAL																																				
STA	4+529.000	RT	PIPE CULVERTS										16.76															4									
STA	4+583.500	LT	PIPE CULVERTS										17.07															2									
STA	4+601.300	RT	PIPE CULVERTS										42.68															4									
STA	4+618.800	LT	PIPE CULVERTS										15.54															2									
STA	5+141.000	LT	PIPE CULVERTS									22.56															2										
STA	5+193.700	LT	PIPE CULVERTS									15.85															2										
STA	5+194.097	RT	PIPE CULVERTS	6.40	22.56															2																
STA	5+295.000	AR	PIPE CULVERTS	7.14			17.07															2														
STA	5+345.500	LT	PIPE CULVERTS										13.41															2									
STA	5+345.500	RT	PIPE CULVERTS									14.94															2										
STA	5+466.700	LT	PIPE CULVERTS									16.46															2										
STA	5+618.000	RT	PIPE CULVERTS									21.03															2										
STA	5+621.500	LT	PIPE CULVERTS										16.46															2									
STA	5+651.500	RT	PIPE CULVERTS									22.56															2										
STA	5+720.000	LT	PIPE CULVERTS												12.19																						
STA	5+771.700	LT	PIPE CULVERTS													10.67															2						
STA	5+938.000	RT	PIPE CULVERTS												10.36															2						
STA	6+084.500	RT	PIPE CULVERTS											13.41															2							
STA	6+140.500	RT	PIPE CULVERTS											12.19															2							
STA	6+180.600	LT	PIPE CULVERTS												9.45															2						
STA	6+181.600	RT	PIPE CULVERTS											10.97															2							
STA	6+441.000	RT	PIPE CULVERTS												9.42															2						
STA	6+444.936	LT	PIPE CULVERTS	2.04			11.64															2														
STA	6+483.500	RT	PIPE CULVERTS	5.38	16.76															2																
STA	6+500.000	LT	PIPE CULVERTS									17.68															2										
STA	6+562.500	LT	PIPE CULVERTS									14.63															2										
STA	6+572.500	RT	PIPE CULVERTS									16.46															2										
STA	6+592.700	LT	PIPE CULVERTS									15.54															2										
STA	6+632.800	RT	PIPE CULVERTS									14.02															2										
STA	6+636.700	LT	PIPE CULVERTS									14.02															1										
STA	6+643.500	LT	PIPE CULVERTS								2.44															1									1		
STA	6+652.100	LT	PIPE CULVERTS									17.68															1										
STA	6+746.500	RT	PIPE CULVERTS										12.50															2									
STA	6+784.500	RT	PIPE CULVERTS										12.80															2									
STA	6+819.200	RT	PIPE CULVERTS										14.33															2									
STA	6+907.000	RT	PIPE CULVERTS												9.75															2						
STA	7+015.000	LT	PIPE CULVERTS									17.98															2										
STA	7+071.000	RT	PIPE CULVERTS										17.07															2									
STA	7+177.000	RT	PIPE CULVERTS									20.73															2										
STA	7+291.800	LT	PIPE CULVERTS						10.36																									2			
STA	7+328.600	LT	PIPE CULVERTS															14.94																2			
STA	7+392.900	LT	PIPE CULVERTS															11.89																2			
STA	7+471.600	LT	PIPE CULVERTS														9.14																2				
STA	7+478.000	RT	PIPE CULVERTS														12.80																2				

CONTINUED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PIPE CULVERT SCHEDULE

SCALE

DRAWN BY KOJ

DATE APRIL 18, 2008

CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70027_sch_pipe culverts.dgn

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	28
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PIPE CULVERT SCHEDULE - CONTINUED

LOCATION STATION	RT/LT /AR	TYPE	TRENCH BACKFILL	PIPE CULVERTS																PRECAST REINFORCED CONCRETE FLARED END SECTIONS						END SECTIONS									PIPE TEES			INLETS
				RCCP						CLASS D																									375 PIPE WITH	600 PIPE WITH	750 PIPE WITH	TYPE A,
			CUBIC	TYPE 1 375	TYPE 1 450	TYPE 1 600	TYPE 1 750	TYPE 1 900	TYPE 1 1500	TYPE 1 300	TYPE 1 375	TYPE 1 450	TYPE 1 525	TYPE 1 600	TYPE 1 675	TYPE 1 750	TYPE 1 900	TYPE 1 1050	375	450	600	750	900	1500	300	375	450	525	600	675	750	900	1050	300 RISER	375 RISER	375 RISER	TY 8 GRATE
			METER	METER	METER	METER	METER	METER	METER	METER	METER	METER	METER	METER	METER	METER	METER	METER	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
STA 7+509.000	LT	PIPE CULVERTS	3.73				9.14																2													
STA 7+537.000	LT	PIPE CULVERTS	11.22				23.16																2													
STA 7+682.000	RT	PIPE CULVERTS									11.58															2										
STA 7+755.000	LT	PIPE CULVERTS													8.84															2						
STA 8+063.000	RT	PIPE CULVERTS									21.03															2										
STA 8+161.200	RT	PIPE CULVERTS												11.58																2						
STA 8+296.000	LT	PIPE CULVERTS															10.06															2				
STA 8+311.000	RT	PIPE CULVERTS												14.33																2						
STA 8+456.000	LT	PIPE CULVERTS														10.06															2					
STA 8+456.000	RT	PIPE CULVERTS												10.67																2						
STA 8+563.000	LT	PIPE CULVERTS											10.97																	2						
STA 8+607.000	RT	PIPE CULVERTS									14.33															2										
STA 8+613.500	LT	PIPE CULVERTS											14.94																	2						
STA 8+634.000	LT	PIPE CULVERTS											14.63																	2						
STA 8+651.000	RT	PIPE CULVERTS									15.85															2										
STA 8+669.000	RT	PIPE CULVERTS									15.54															2										
STA 8+724.500	RT	PIPE CULVERTS									10.67															2										
STA 8+739.700	LT	PIPE CULVERTS									13.11															2										
STA 8+749.000	RT	PIPE CULVERTS									12.19															2										
STA 8+770.500	LT	PIPE CULVERTS									14.94															2										
STA 8+778.500	RT	PIPE CULVERTS									14.02															1										
STA 8+785.400	RT	INLET																																		1
STA 8+792.000	LT	PIPE CULVERTS									13.72															2										
STA 8+793.300	RT	PIPE CULVERTS									16.46															1										
STA 8+841.000	RT	PIPE CULVERTS									21.03															2										
STA 8+843.000	LT	PIPE CULVERTS										19.81															2									
STA 8+869.500	RT	PIPE CULVERTS									20.12															2										
STA 8+949.000	RT	PIPE CULVERTS									17.68															2										
STA 9+073.000	LT	PIPE CULVERTS										10.97															2									
STA 9+192.500	RT	PIPE CULVERTS										17.68															2									
STA 9+682.500	RT	PIPE CULVERTS										12.19															2									
STA 9+707.500	RT	PIPE CULVERTS										16.15															2									
STA 10+321.500	RT	PIPE CULVERTS												11.58																2						
STA 10+329.000	LT	PIPE CULVERTS												18.90																2						
STA 10+500.000	LT	PIPE CULVERTS	9.99				19.81																2													
STA 10+559.500	RT	PIPE CULVERTS												17.68																2						
STA 10+705.000	LT	PIPE CULVERTS												14.63																2						
STA 10+732.000	LT	PIPE CULVERTS												9.41																2			1			
STA 10+736.079	RT	PIPE CULVERTS	4.07				18.70																2													
STA 10+736.075	LT	INLET									2.44															1										1
STA 10+740.000	LT	PIPE CULVERTS												8.65																						
STA 10+765.500	LT	PIPE CULVERTS										11.89															2									
STA 10+784.800	LT	PIPE CULVERTS										21.34															2									
STA 10+819.600	RT	PIPE CULVERTS												14.63																2						
STA 10+824.000	LT	PIPE CULVERTS										14.63															2									
STA 10+864.000	RT	PIPE CULVERTS										14.33															2									
STA 10+915.500	LT	PIPE CULVERTS										10.67															2									
STA 10+920.500	RT	PIPE CULVERTS										10.06															2									
STA 11+146.500	LT	PIPE CULVERTS									14.02															2										
STA 11+246.000	RT	PIPE CULVERTS									15.54															2										
STA 11+306.500	LT	PIPE CULVERTS									13.72															2										
STA 11+571.600	RT	PIPE CULVERTS	17.09	33.83																2																
STA 11+756.500	LT	PIPE CULVERTS									26.52															2										
STA 11+778.500	LT	RCP. C. EXTEN.						6.709															1													
STA 11+778.500	RT	RCP. C. EXTEN.						6.095															1													
STA 11+880.000	RT	PIPE CULVERTS									23.16															2										
STA 11+914.500	RT	PIPE CULVERTS									19.51															2										

CONTINUED

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PIPE CULVERT SCHEDULE

SCALE | DRAWN BY KOJ

DATE APRIL 18, 2008 | CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70027.sch_pipe culverts.dgn

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	29
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PIPE CULVERT SCHEDULE - CONTINUED

LOCATION		TYPE	TRENCH BACKFILL	PIPE CULVERTS															PRECAST REINFORCED CONCRETE FLARED END SECTIONS						END SECTIONS									PIPE TEES			INLETS
				RCCP							CLASS D																										
STATION	RT/LT /AR		CUBIC METER	TYPE 1 375 METER	TYPE 1 450 METER	TYPE 1 600 METER	TYPE 1 750 METER	TYPE 1 900 METER	TYPE 1 1500 METER	TYPE 1 300 METER	TYPE 1 375 METER	TYPE 1 450 METER	TYPE 1 525 METER	TYPE 1 600 METER	TYPE 1 675 METER	TYPE 1 750 METER	TYPE 1 900 METER	TYPE 1 1050 METER	375 EACH	450 EACH	600 EACH	750 EACH	900 EACH	1500 EACH	300 EACH	375 EACH	450 EACH	525 EACH	600 EACH	675 EACH	750 EACH	900 EACH	1050 EACH	375 PIPE WITH 300 RISER EACH	600 PIPE WITH 375 RISER EACH	750 PIPE WITH 375 RISER EACH	TYPE A, TY 8 GRATE EACH
STA 12+138.500	AR	PIPE CULVERTS	17.69					19.51															2													
STA 12+353.000	LT	PIPE CULVERTS										16.15															2									
STA 12+353.000	RT	PIPE CULVERTS										16.15															2									
STA 12+991.000	LT	PIPE CULVERTS										13.72															2									
STA 13+058.500	LT	PIPE CULVERTS									14.94															2										
STA 13+084.000	RT	PIPE CULVERTS									17.98															2										
STA 13+097.000	LT	PIPE CULVERTS	3.87	14.94															2																	
STA 13+127.500	LT	PIPE CULVERTS									29.26															2										
STA 13+163.500	LT	PIPE CULVERTS									15.24															2										
STA 13+205.500	LT	PIPE CULVERTS									14.94															2										
STA 13+246.000	LT	PIPE CULVERTS									16.46																									
STA 13+328.500	LT	PIPE CULVERTS									13.72															2										
STA 13+480.000	LT	PIPE CULVERTS										13.11															2									
STA 13+490.500	RT	PIPE CULVERTS									12.19															2										
STA 13+527.500	RT	PIPE CULVERTS									13.11															2										
STA 13+602.700	RT	PIPE CULVERTS										12.50															1									
STA 13+615.000	RT	PIPE CULVERTS										12.50															1									
STA 13+672.000	RT	PIPE CULVERTS												21.64															2							
STA 13+750.400	RT	PIPE CULVERTS												18.90															2							
STA 13+802.800	RT	PIPE CULVERTS												16.76															2							
STA 13+803.800	LT	PIPE CULVERTS														14.33														2						
STA 13+981.300	LT	PIPE CULVERTS												17.37															2							
STA 14+077.100	RT	PIPE CULVERTS												17.37															2							
STA 14+217.800	RT	PIPE CULVERTS									12.19															2										
STA 14+221.800	LT	PIPE CULVERTS									16.15															2										
STA 14+234.800	RT	PIPE CULVERTS									10.36															2										
STA 14+242.400	LT	PIPE CULVERTS									17.68															2										
STA 14+447.300	LT	PIPE CULVERTS									18.59																									
STA 14+447.300	RT	PIPE CULVERTS	8.40	21.95															2																	
STA 14+454.300	LT	PIPE CULVERTS									2.44					28.28										1					2					1	
STA 14+461.300	LT	PIPE CULVERTS									19.81																									
STA 14+553.800	LT	PIPE CULVERTS														15.24														2						
STA 14+600.800	LT	PIPE CULVERTS															13.72														2					
STA 14+629.900	RT	PIPE CULVERTS	5.93		17.37															2															
STA 14+630.300	LT	PIPE CULVERTS															14.63														2					
STA 14+659.300	LT	PIPE CULVERTS															10.36														2					
STA 14+664.800	RT	PIPE CULVERTS	6.27		17.68															2															
STA 14+696.800	RT	PIPE CULVERTS											16.15															2							
STA 14+711.600	LT	PIPE CULVERTS	7.34					12.80															2													
STA 14+725.800	RT	PIPE CULVERTS												12.80															2						
STA 14+756.800	LT	PIPE CULVERTS															11.58														2					
STA 14+763.300	RT	PIPE CULVERTS												15.85															2						
STA 14+770.800	LT	PIPE CULVERTS															12.50														2					
STA 14+861.800	RT	PIPE CULVERTS										19.51															2									
STA 14+886.300	RT	PIPE CULVERTS									15.24															2										
STA 14+926.300	LT	PIPE CULVERTS										12.80															2									
STA 14+926.300	RT	PIPE CULVERTS									12.50															2										
STA 14+981.900	LT	PIPE CULVERTS									12.80															2										
STA 15+232.300	LT	PIPE CULVERTS													17.07															2						
STA 15+321.000	LT	PIPE CULVERTS	6.72			16.46															2															
STA 15+353.800	LT	PIPE CULVERTS												9.45															2						
STA 15+450.800	RT	PIPE CULVERTS												13.41															2						
STA 15+454.800	LT	PIPE CULVERTS	7.01			16.76															2															
STA 15+509.800	LT	PIPE CULVERTS	8.20			17.98															2															
STA 15+511.800	RT	PIPE CULVERTS												10.67															2						
URBAN																																				
STA 15+595.800	LT	PIPE CULVERTS										17.07															2									

CONTINUED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PIPE CULVERT SCHEDULE

SCALE

DRAWN BY KOJ

DATE APRIL 18, 2008

CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70027_sch_pipe culvert.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	30
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PIPE CULVERT SCHEDULE - CONTINUED

LOCATION		TYPE	TRENCH BACKFILL	PIPE CULVERTS															PRECAST REINFORCED CONCRETE FLARED END SECTIONS						END SECTIONS									PIPE TEES			INLETS
				RCCP						CLASS D																									375 PIPE WITH	600 PIPE WITH	750 PIPE WITH	TYPE A,
STATION	RT/LT /AR		CUBIC	TYPE 1 375	TYPE 1 450	TYPE 1 600	TYPE 1 750	TYPE 1 900	TYPE 1 1500	TYPE 1 300	TYPE 1 375	TYPE 1 450	TYPE 1 525	TYPE 1 600	TYPE 1 675	TYPE 1 750	TYPE 1 900	TYPE 1 1050	375	450	600	750	900	1500	300	375	450	525	600	675	750	900	1050	300 RISER	375 RISER	375 RISER	TY 8 GRATE
			METER	METER	METER	METER	METER	METER	METER	METER	METER	METER	METER	METER	METER	METER	METER	METER	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
STA 15+660.800	LT	PIPE CULVERTS										16.76															2										
STA 15+661.300	RT	PIPE CULVERTS	3.06	16.14															2																		
STA 15+723.100	RT	PIPE CULVERTS									16.15															2											
STA 15+870.300	RT	PIPE CULVERTS										9.75															2										
STA 15+871.400	LT	PIPE CULVERTS	1.39		12.19															2																
STA 15+890.000	LT	PIPE CULVERTS										8.84															2										
STA 15+931.300	RT	PIPE CULVERTS										11.28															2										
STA 15+960.300	LT	PIPE CULVERTS										17.37															2										
TOTALS			169.99	126.18	65.53	118.42	32.30	55.47	17.37	2.44	924.5	592.54	93.26	371.89	36.58	89.85	75.60	24.08	12	8	14	4	6	2	1	104	82	14	48	6	12	14	4	1	1	1	2
TOTALS ROUNDED FOR SUMMARY SHEET			170	126.5	66.0	118.5	32.5	55.5	17.5	2.5	924.5	593.0	93.5	372.0	37.0	90.0	76.0	24.5	12	8	14	4	6	2	1	104	82	14	48	6	12	14	4	1	1	1	2

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PIPE CULVERT SCHEDULE

SCALE

DRAWN BY KOJ

DATE APRIL 18, 2008

CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70027_sch_pipe culverts.dgn

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	31
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

STORM SEWER SCHEDULE

UPSTREAM STRUCTURE				DOWNSTREAM STRUCTURE				TRENCH BACKFILL	STORM SEWERS, CLASS B	STORM SEWERS, CLASS A					RESTRICTED DEPTH MANHOLES							INLETS, TYPE A			INLETS, TYPE B	
										TYPE 1					TYPE 1 FRAME, CLOSED LID				TYPE 3 FRAME AND GRATE			TYPE 3 FRAME AND GRATE	TYPE 8 FRAME AND GRATE	TYPE 11 FRAME AND GRATE	TYPE 3 FRAME AND GRATE	TYPE 8 GRATE
STR #	LOCATION			STR #	LOCATION				TYPE 1																	
	STATION	OFFSET	LT/RT		STATION	OFFSET	LT/RT		150MM	300MM	450MM	600MM	750MM	900MM	1.2 M	1.5 M	1.8 M	2.4 M	1.2 M	1.5 M	1.8 M					
		METER				METER		CU M	METER	METER	METER	METER	METER	METER	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
IL 33																										
EX	3+567.540	46.456	RT	100	3+567.281	11.800	RT			33.673																
100	3+567.281	11.800	RT	101	3+567.281	10.300	RT	0.284			0.797														1	
101	3+567.281	10.300	RT	102	3+562.750	4.500	RT	4.657			6.473														1	
102	3+562.750	4.500	RT	109	3+513.000	4.500	RT	56.992				48.614			1											
109	3+513.000	4.500	RT	114	3+468.025	4.500	RT	52.815				43.655				1										
114	3+468.025	4.500	RT	119	3+423.650	4.500	RT	72.556					43.175			1										
119	3+423.650	4.500	RT	123	3+373.000	4.500	RT	84.104					49.266			1										
123	3+373.000	4.500	RT	126	3+373.000	6.200	LT	16.453					9.131									1				
126	3+373.000	-6.200	LT	131	3+326.000	6.200	LT	87.765					45.431				1									
131	3+326.000	-6.200	LT	138	3+291.348	6.200	LT	55.637					33.083				1									
138	3+291.348	-6.200	LT	144	3+230.000	6.200	LT	123.396						59.900								1				
144	3+230.000	-6.200	LT	146	3+204.448	6.200	LT	46.104						24.104			1									
146	3+204.448	-6.200	LT	147	3+204.448	6.200	RT	21.485						10.952								1				
147	3+204.448	6.200	RT	150	3+173.000	6.200	RT	67.607						30.000			1									
150	3+173.000	6.200	RT	153	3+129.452	6.200	RT	95.051						42.100			1									
153	3+129.452	6.200	RT	154	3+120.261	6.200	RT	14.618						7.384								1				
154	3+120.261	6.200	RT	158	3+115.748	6.200	RT	4.713						2.706				1								
158	3+115.748	6.200	RT	162	3+062.000	6.200	RT	118.350						52.300								1				
162	3+062.000	6.200	RT	169	2+970.205	6.200	RT	218.561						90.347			1									
169	2+970.205	6.200	RT	179	2+863.000	6.200	RT	293.808							105.914		1									
179	2+863.000	6.200	RT	183	2+803.000	6.200	RT	153.607							58.709		1									
183	2+803.000	6.200	RT	184	2+771.500	12.775	RT								29.155		1									
187	2+842.000	-6.500	LT	188	2+824.100	6.500	LT	6.302		17.446														1		
188	2+824.100	-6.500	LT	190	2+805.800	6.500	LT	7.496		17.663														1		
190	2+805.800	-6.500	LT	192	2+773.124	6.500	LT	25.045			31.620															1
192	2+773.124	-6.500	LT	193	2+761.874	6.500	LT	8.368			9.842					1										
193	2+761.874	-6.500	LT	194	2+757.500	11.000	LT				3.842					1										
189	2+805.800	-4.475	LT	190	2+805.800	6.500	LT	0.524		1.388														1		
191	2+775.050	-11.000	LT	192	2+773.124	6.500	LT	1.835		3.933														1		
103	3+550.000	6.375	RT	0	3+550.000	4.500	RT			1.648														1		
104	3+536.000	6.375	RT	0	3+536.000	4.500	RT			1.648														1		
105	3+513.000	6.375	RT	109	3+513.000	4.500	RT	0.347		0.913														1		
106	3+550.000	-6.375	LT	107	3+531.500	6.375	LT	9.025		18.046														1		
107	3+531.500	-6.375	LT	108	3+513.000	6.375	LT	8.861		17.698														1		
108	3+513.000	-6.375	LT	109	3+513.000	4.500	RT	8.354			9.636									1						
110	3+476.775	9.965	RT	185	3+479.050	9.965	RT	0.858		1.638														1		
185	3+479.050	9.965	RT	111	3+485.000	6.375	RT	3.767		6.130															1	
111	3+485.000	6.375	RT	0	3+485.000	4.500	RT			1.465															1	
112	3+468.025	9.965	RT	114	3+468.025	4.500	RT	2.208		4.503														1		
113	3+468.025	-6.375	LT	114	3+468.025	4.500	RT	4.991		9.913														1		
115	3+443.900	9.350	RT	116	3+443.900	6.375	RT	1.780		2.521															1	
116	3+443.900	6.375	RT	0	3+443.900	4.500	RT			1.648														1		
117	3+423.650	6.375	RT	119	3+423.650	4.500	RT	0.418		0.913														1		
118	3+423.650	-6.375	LT	119	3+423.650	4.500	RT	5.472		9.913														1		
120	3+396.700	6.375	RT	121	3+395.200	6.375	RT	0.515		0.863														1		
121	3+395.200	6.375	RT	0	3+395.200	4.500	RT			1.465															1	
122	3+380.000	10.600	RT	0	3+380.000	4.500	RT			5.873															1	
EX	3+443.989	-12.100	LT	124	3+392.139	7.046	LT	17.447																		
124	3+392.139	-7.046	LT	125	3+378.376	6.403	LT	7.888		12.794										1						
125	3+378.376	-6.403	LT	126	3+373.000	6.200	LT	2.964																	1	
127	3+352.000	4.475	RT	128	3+348.000	4.475	LT	6.751		9.166														1		
128	3+348.000	-4.475	LT	0	3+348.000	6.200	LT			1.315															1	
129	3+326.000	4.475	RT	130	3+326.000	4.475	LT	4.153		8.496														1		
130	3+326.000	-4.475	LT	131	3+326.000	6.200	LT	0.349		0.763														1		
132	3+302.713	-10.200	LT	0	3+302.713	6.200	LT			3.773														1		
133	3+306.375	10.000	RT	134	3+302.780	9.900	RT	1.964																	1	
134	3+302.780	9.900	RT	135	3+302.575	11.400	RT	0.293		0.695															1	
135	3+302.575	11.400	RT	136	3+293.825	11.400	RT	4.956		7.931															1	
136	3+293.825	11.400	RT	137	3+291.348	6.200	RT	4.500			5.056														1	

CONTINUED

FOR MORE ITEMS, SEE NEXT SHEET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM SEWER SCHEDULE

SCALE

DRAWN BY KOJ

DATE APRIL 18, 2008

CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70031_sch_storm sewer.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	32
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

STORM SEWER SCHEDULE

UPSTREAM STRUCTURE				DOWNSTREAM STRUCTURE				PRECAST REINFORCED CONCRETE FLARED END SECTIONS		REINFORCED CONCRETE PIPE TEE						JUNCTION BOX NO.1	PRECAST CONCRETE BOX CULVERT, 1.5M x 0.6M	BOX CULVERT END SECTION, CULVERT NO. 7
										300MM PIPE WITH	450MM PIPE WITH	600MM PIPE WITH	750MM PIPE WITH	900MM PIPE WITH	1050MM PIPE WITH			
STR #	LOCATION			STR #	LOCATION			600MM	1050MM	300MM RISER	300MM RISER	300MM RISER	300MM RISER	300MM RISER	300MM RISER			
	STATION	OFFSET METER	LT/RT		STATION	OFFSET METER	LT/RT	M542E128 EACH	M542E148 EACH	M542C212 EACH	M542C220 EACH	M542C228 EACH	M542C236 EACH	M542C244 EACH	M542C248 EACH	60247400 EACH	MX540110 METER	54001007 EACH
IL 33																		
EX	3+567.540	46.456	RT	100	3+567.281	11.800	RT											
100	3+567.281	11.800	RT	101	3+567.281	10.300	RT											
101	3+567.281	10.300	RT	102	3+562.750	4.500	RT											
102	3+562.750	4.500	RT	109	3+513.000	4.500	RT											
109	3+513.000	4.500	RT	114	3+468.025	4.500	RT											
114	3+468.025	4.500	RT	119	3+423.650	4.500	RT											
119	3+423.650	4.500	RT	123	3+373.000	4.500	RT											
123	3+373.000	4.500	RT	126	3+373.000	6.200	LT											
126	3+373.000	-6.200	LT	131	3+326.000	6.200	LT											
131	3+326.000	-6.200	LT	138	3+291.348	6.200	LT											
138	3+291.348	-6.200	LT	144	3+230.000	6.200	LT											
144	3+230.000	-6.200	LT	146	3+204.448	6.200	LT											
146	3+204.448	-6.200	LT	147	3+204.448	6.200	RT											
147	3+204.448	6.200	RT	150	3+173.000	6.200	RT											
150	3+173.000	6.200	RT	153	3+129.452	6.200	RT											
153	3+129.452	6.200	RT	154	3+120.261	6.200	RT											
154	3+120.261	6.200	RT	158	3+115.748	6.200	RT											
158	3+115.748	6.200	RT	162	3+062.000	6.200	RT											
162	3+062.000	6.200	RT	169	2+970.205	6.200	RT											
169	2+970.205	6.200	RT	179	2+863.000	6.200	RT											
179	2+863.000	6.200	RT	183	2+803.000	6.200	RT											
183	2+803.000	6.200	RT	184	2+771.500	12.775	RT		1									
187	2+842.000	-6.500	LT	188	2+824.100	6.500	LT											
188	2+824.100	-6.500	LT	190	2+805.800	6.500	LT											
190	2+805.800	-6.500	LT	192	2+773.124	6.500	LT											
192	2+773.124	-6.500	LT	193	2+761.874	6.500	LT											
193	2+761.874	-6.500	LT	194	2+757.500	11.000	LT	1										
189	2+805.800	-4.475	LT	190	2+805.800	6.500	LT											
191	2+775.050	-11.000	LT	192	2+773.124	6.500	LT											
103	3+550.000	6.375	RT	0	3+550.000	4.500	RT					1						
104	3+536.000	6.375	RT	0	3+536.000	4.500	RT					1						
105	3+513.000	6.375	RT	109	3+513.000	4.500	RT											
106	3+550.000	-6.375	LT	107	3+531.500	6.375	LT											
107	3+531.500	-6.375	LT	108	3+513.000	6.375	LT											
108	3+513.000	-6.375	LT	109	3+513.000	4.500	RT											
110	3+476.775	9.965	RT	185	3+479.050	9.965	RT											
185	3+479.050	9.965	RT	111	3+485.000	6.375	RT											
111	3+485.000	6.375	RT	0	3+485.000	4.500	RT					1						
112	3+468.025	9.965	RT	114	3+468.025	4.500	RT											
113	3+468.025	-6.375	LT	114	3+468.025	4.500	RT											
115	3+443.900	9.350	RT	116	3+443.900	6.375	RT											
116	3+443.900	6.375	RT	0	3+443.900	4.500	RT						1					
117	3+423.650	6.375	RT	119	3+423.650	4.500	RT											
118	3+423.650	-6.375	LT	119	3+423.650	4.500	RT											
120	3+396.700	6.375	RT	121	3+395.200	6.375	RT											
121	3+395.200	6.375	RT	0	3+395.200	4.500	RT						1					
122	3+380.000	10.600	RT	0	3+380.000	4.500	RT						1					
EX	3+443.989	-12.100	LT	124	3+392.139	7.046	LT											
124	3+392.139	-7.046	LT	125	3+378.376	6.403	LT											
125	3+378.376	-6.403	LT	126	3+373.000	6.200	LT											
127	3+352.000	4.475	RT	128	3+348.000	4.475	LT											
128	3+348.000	-4.475	LT	0	3+348.000	6.200	LT						1					
129	3+326.000	4.475	RT	130	3+326.000	4.475	LT											
130	3+326.000	-4.475	LT	131	3+326.000	6.200	LT											
132	3+302.713	-10.200	LT	0	3+302.713	6.200	LT						1					
133	3+306.375	10.000	RT	134	3+302.780	9.900	RT											
134	3+302.780	9.900	RT	135	3+302.575	11.400	RT											
135	3+302.575	11.400	RT	136	3+293.825	11.400	RT											
136	3+293.825	11.400	RT	137	3+291.348	6.200	RT											

CONTINUED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM SEWER SCHEDULE

SCALE

DRAWN BY KOJ

DATE APRIL 18, 2008

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H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
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CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	33
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

STORM SEWER SCHEDULE (CONTINUED)

UPSTREAM STRUCTURE				DOWNSTREAM STRUCTURE				TRENCH BACKFILL	STORM SEWERS, CLASS B	STORM SEWERS, CLASS A					RESTRICTED DEPTH MANHOLES							INLETS, TYPE A			INLETS, TYPE B	
										TYPE 1					TYPE 1 FRAME, CLOSED LID				TYPE 3 FRAME AND GRATE			TYPE 3 FRAME AND GRATE	TYPE 8 FRAME AND GRATE	TYPE 11 FRAME AND GRATE	TYPE 3 FRAME AND GRATE	TYPE 8 GRATE
STR #	LOCATION			STR #	LOCATION				TYPE 1																
	STATION	OFFSET	LT/RT		STATION	OFFSET	LT/RT		150MM	300MM	450MM	600MM	750MM	900MM	1.2 M	1.5 M	1.8 M	2.4 M	1.2 M	1.5 M	1.8 M					
		METER				METER		CU M	METER	METER	METER	METER	METER	METER	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
137	3+291.348	6.200	RT	138	3+291.348	6.200	LT	10.330			11.182													1	
139	3+263.000	4.475	RT	140	3+263.000	4.475	LT	5.738		8.496												1			
140	3+263.000	-4.475	LT	0	3+263.000	6.200	LT			1.498												1			
186	3+216.576	14.300	RT	141	3+218.395	6.000	RT	4.262		7.860													1		
141	3+218.395	6.000	RT	142	3+230.000	4.475	RT	5.161		10.886														1	
142	3+230.000	4.475	RT	143	3+230.000	4.475	LT	6.678			8.247													1	
143	3+230.000	-4.475	LT	144	3+230.000	6.200	LT	0.218			0.507													1	
145	3+215.745	-10.600	LT	0	3+215.745	6.200	LT			4.173												1			
0	3+206.645	14.300	RT	147	3+204.448	6.200	RT		7.200																
148	3+192.000	4.475	RT	0	3+192.000	6.200	RT			1.498												1			
149	3+173.000	4.475	RT	150	3+173.000	6.200	RT	0.280		0.606												1			
151	3+152.000	-4.475	LT	152	3+152.000	4.475	RT	6.457		8.496												1			
152	3+152.000	4.475	RT	0	3+152.000	6.200	RT			1.498												1			
155	3+129.452	-6.200	LT	156	3+115.748	6.200	LT	6.570		13.067												1			
156	3+115.748	-6.200	LT	158	3+115.748	6.200	RT	5.973		11.099														1	
157	3+118.225	12.200	RT	158	3+115.748	6.200	RT	3.240		5.372												1			
159	3+090.000	4.475	RT	0	3+090.000	6.200	RT			1.498												1			
160	3+062.000	-4.475	LT	161	3+062.000	4.475	RT	4.087		8.496												1			
161	3+062.000	4.475	RT	162	3+062.000	6.200	RT	0.274		0.606												1			
163	3+036.000	4.475	RT	0	3+036.000	6.200	RT			1.498												1			
164	3+010.000	-4.475	LT	165	3+010.000	4.475	RT	5.997		8.496												1			
165	3+010.000	4.475	RT	0	3+010.000	6.200	RT			1.498												1			
166	2+984.395	-6.000	LT	167	2+970.205	6.000	LT	6.367		13.553												1			
167	2+970.205	-6.000	LT	168	2+970.205	4.475	RT	4.656		9.656														1	
168	2+970.205	4.475	RT	169	2+970.205	6.200	RT	0.133		0.424														1	
170	2+927.500	-4.475	LT	171	2+927.500	4.475	RT	6.311		8.496												1			
171	2+927.500	4.475	RT	0	2+927.500	6.200	RT			1.498												1			
172	2+905.000	-6.200	LT	174	2+885.248	6.200	LT	13.604		19.115													1		
174	2+885.248	-6.200	LT	175	2+885.248	4.475	RT	7.428		9.856														1	
175	2+885.248	4.475	RT	0	2+885.248	6.200	RT			1.315														1	
176	2+863.000	-6.500	LT	177	2+863.000	4.475	LT	0.877		1.571													1		
177	2+863.000	-4.475	LT	179	2+863.000	6.200	RT	7.116														1			
178	2+863.000	8.300	RT	179	2+863.000	6.200	RT	0.580															1		
180	2+833.000	4.475	RT	0	2+833.000	6.200	RT			1.498												1			
181	2+803.000	4.475	RT	183	2+803.000	6.200	RT	16.205														1			
182	2+803.000	8.300	RT	183	2+803.000	6.200	RT	24.871															1		
173	2+896.595	-10.300	LT	0	2+896.595	6.200	LT			3.873												1			
300	3+576.965	11.800	RT	301	3+576.974	10.300	RT	0.380		0.863												1			
301	3+576.974	10.300	RT	302	3+582.000	6.375	RT	3.145		5.558														1	
302	3+582.000	6.375	RT	304	3+582.000	4.500	LT	8.496			9.988													1	
304	3+582.000	4.500	LT	307	3+617.600	4.500	LT	41.553				34.648			1										
307	3+617.600	4.500	LT	313	3+657.000	4.500	LT	45.148				38.264			1										
313	3+657.000	4.500	LT	319	3+690.350	4.500	LT	36.851				32.030				1									
319	3+690.350	4.500	LT	322	3+723.000	4.500	LT	36.343				31.330				1									
322	3+723.000	4.500	LT	326	3+739.000	4.500	LT	17.223				14.680				1									
326	3+739.000	4.500	LT	327	3+752.652	6.200	LT	14.565				12.438				1									
327	3+752.652	6.200	LT	333	3+800.000	6.200	LT	61.352				46.028						1							
333	3+800.000	6.200	LT	338	3+845.000	6.200	LT	58.171				43.680				1									
338	3+845.000	6.200	LT	341	3+876.000	6.200	LT	34.313				29.680				1									
341	3+876.000	6.200	LT	342	3+899.656	6.200	LT	26.749				22.996				1									
342	3+901.180	6.200	LT	401	3+960.405	6.200	LT					59.225													
401	3+960.405	6.200	LT	402	3+961.400	7.195	LT					1.407													
402	3+961.400	7.195	LT	403	3+961.400	11.000	LT					3.805													
303	3+582.000	6.375	LT	304	3+582.000	4.500	LT	0.444		1.073												1			
305	3+617.600	6.375	RT	307	3+617.600	4.500	LT	5.633		10.073												1			
306	3+617.600	6.375	LT	307	3+617.600	4.500	LT	0.430		1.073												1			
308	3+654.825	12.000	RT	309	3+656.750	12.000	RT	0.602		1.123												1			
309	3+656.750	12.000	RT	312	3+657.000	6.850	RT	2.285		3.847					1										
312	3+657.000	6.850	RT	313	3+657.000	4.500	LT	8.287			9.942					1									
314	3+654.825	11.900	LT	315	3+657.130	11.900	LT	0.574		1.503					1							1			

FOR MORE ITEMS, SEE NEXT SHEET

CONTINUED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM SEWER SCHEDULE

SCALE

DRAWN BY KOJ

DATE APRIL 18, 2008

CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70031_sch_storm sewer.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	34
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

STORM SEWER SCHEDULE (CONTINUED)

UPSTREAM STRUCTURE				DOWNSTREAM STRUCTURE				PRECAST REINFORCED CONCRETE FLARED END SECTIONS		REINFORCED CONCRETE PIPE TEE						JUNCTION BOX NO.1	PRECAST CONCRETE BOX CULVERT, 1.5M x 0.6M	BOX CULVERT END SECTION, CULVERT NO. 7
										300MM PIPE WITH 300MM RISER	450MM PIPE WITH 300MM RISER	600MM PIPE WITH 300MM RISER	750MM PIPE WITH 300MM RISER	900MM PIPE WITH 300MM RISER	1050MM PIPE WITH 300MM RISER			
STR #	LOCATION			STR #	LOCATION			600MM	1050MM									
	STATION	OFFSET	LT/RT		STATION	OFFSET	LT/RT	M542E128	M542E148	M542C212	M542C220	M542C228	M542C236	M542C244	M542C248	60247400	MX540110	54001007
		METER				METER		EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	METER	EACH
137	3+291.348	6.200	RT	138	3+291.348	6.200	LT											
139	3+263.000	4.475	RT	140	3+263.000	4.475	LT											
140	3+263.000	-4.475	LT	0	3+263.000	6.200	LT							1				
186	3+216.576	14.300	RT	141	3+218.395	6.000	RT											
141	3+218.395	6.000	RT	142	3+230.000	4.475	RT											
142	3+230.000	4.475	RT	143	3+230.000	4.475	LT											
143	3+230.000	-4.475	LT	144	3+230.000	6.200	LT											
145	3+215.745	-10.600	LT	0	3+215.745	6.200	LT							1				
0	3+206.645	14.300	RT	147	3+204.448	6.200	RT											
148	3+192.000	4.475	RT	0	3+192.000	6.200	RT							1				
149	3+173.000	4.475	RT	150	3+173.000	6.200	RT											
151	3+152.000	-4.475	LT	152	3+152.000	4.475	RT											
152	3+152.000	4.475	RT	0	3+152.000	6.200	RT							1				
155	3+129.452	-6.200	LT	156	3+115.748	6.200	LT											
156	3+115.748	-6.200	LT	158	3+115.748	6.200	RT											
157	3+118.225	12.200	RT	158	3+115.748	6.200	RT											
159	3+090.000	4.475	RT	0	3+090.000	6.200	RT							1				
160	3+062.000	-4.475	LT	161	3+062.000	4.475	RT											
161	3+062.000	4.475	RT	162	3+062.000	6.200	RT											
163	3+036.000	4.475	RT	0	3+036.000	6.200	RT							1				
164	3+010.000	-4.475	LT	165	3+010.000	4.475	RT											
165	3+010.000	4.475	RT	0	3+010.000	6.200	RT							1				
166	2+984.395	-6.000	LT	167	2+970.205	6.000	LT											
167	2+970.205	-6.000	LT	168	2+970.205	4.475	RT											
168	2+970.205	4.475	RT	169	2+970.205	6.200	RT											
170	2+927.500	-4.475	LT	171	2+927.500	4.475	RT											
171	2+927.500	4.475	RT	0	2+927.500	6.200	RT								1			
172	2+905.000	-6.200	LT	174	2+885.248	6.200	LT											
174	2+885.248	-6.200	LT	175	2+885.248	4.475	RT											
175	2+885.248	4.475	RT	0	2+885.248	6.200	RT								1			
176	2+863.000	-6.500	LT	177	2+863.000	4.475	LT											
177	2+863.000	-4.475	LT	179	2+863.000	6.200	RT											
178	2+863.000	8.300	RT	179	2+863.000	6.200	RT											
180	2+833.000	4.475	RT	0	2+833.000	6.200	RT								1			
181	2+803.000	4.475	RT	183	2+803.000	6.200	RT											
182	2+803.000	8.300	RT	183	2+803.000	6.200	RT											
173	2+896.595	-10.300	LT	0	2+896.595	6.200	LT			1								
300	3+576.965	11.800	RT	301	3+576.974	10.300	RT											
301	3+576.974	10.300	RT	302	3+582.000	6.375	RT											
302	3+582.000	6.375	RT	304	3+582.000	4.500	LT											
304	3+582.000	4.500	LT	307	3+617.600	4.500	LT											
307	3+617.600	4.500	LT	313	3+657.000	4.500	LT											
313	3+657.000	4.500	LT	319	3+690.350	4.500	LT											
319	3+690.350	4.500	LT	322	3+723.000	4.500	LT											
322	3+723.000	4.500	LT	326	3+739.000	4.500	LT											
326	3+739.000	4.500	LT	327	3+752.652	6.200	LT											
327	3+752.652	6.200	LT	333	3+800.000	6.200	LT											
333	3+800.000	6.200	LT	338	3+845.000	6.200	LT											
338	3+845.000	6.200	LT	341	3+876.000	6.200	LT											
341	3+876.000	6.200	LT	342	3+899.656	6.200	LT											
342	3+901.180	6.200	LT	401	3+960.405	6.200	LT									1		
401	3+960.405	6.200	LT	402	3+961.400	7.195	LT										64.400	1
402	3+961.400	7.195	LT	403	3+961.400	11.000	LT											
303	3+582.000	6.375	LT	304	3+582.000	4.500	LT											
305	3+617.600	6.375	RT	307	3+617.600	4.500	LT											
306	3+617.600	6.375	LT	307	3+617.600	4.500	LT											
308	3+654.825	12.000	RT	309	3+656.750	12.000	RT											
309	3+656.750	12.000	RT	312	3+657.000	6.850	RT											
312	3+657.000	6.850	RT	313	3+657.000	4.500	LT											
314	3+654.825	11.900	LT	315	3+657.130	11.900	LT											

CONTINUED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM SEWER SCHEDULE

SCALE

DRAWN BY KOJ

DATE APRIL 18, 2008

CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\7003\sch_storm sewer.dgn

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	35
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

STORM SEWER SCHEDULE (CONTINUED)

UPSTREAM STRUCTURE				DOWNSTREAM STRUCTURE				TRENCH BACKFILL	STORM SEWERS, CLASS B	STORM SEWERS, CLASS A					RESTRICTED DEPTH MANHOLES							INLETS, TYPE A			INLETS, TYPE B	
										TYPE 1					TYPE 1 FRAME, CLOSED LID				TYPE 3 FRAME AND GRATE			TYPE 3 FRAME AND GRATE	TYPE 8 FRAME AND GRATE	TYPE 11 FRAME AND GRATE	TYPE 3 FRAME AND GRATE	TYPE 8 GRATE
STR #	LOCATION			STR #	LOCATION				TYPE 1																
	STATION	OFFSET	LT/RT		STATION	OFFSET	LT/RT	M2080150	150MM	300MM	450MM	600MM	750MM	900MM	1050MM	1.2 M	1.5 M	1.8 M	2.4 M	1.2 M	1.5 M	1.8 M	60235700	60236200	60236800	60240220	60240301
		METER				METER		CU M	METER	METER	METER	METER	METER	METER	METER	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
316	3+670.000	6.375	LT	0	3+670.000	4.500	LT			1.648													1				
317	3+690.350	6.375	RT	319	3+690.350	4.500	LT	5.010		9.913													1				
318	3+690.350	6.375	LT	319	3+690.350	4.500	LT	0.314		0.913													1				
320	3+723.000	6.375	RT	322	3+723.000	4.500	LT	4.939		9.913													1				
321	3+723.000	6.375	LT	322	3+723.000	4.500	LT	0.347		0.913													1				
323	3+739.000	6.838	RT	326	3+739.000	4.500	LT	5.104		10.376													1				
324	3+739.000	10.500	LT	325	3+737.930	6.670	LT	1.608		3.340														1			
325	3+737.930	6.670	LT	326	3+739.000	4.500	LT	0.537		1.275																1	
328	3+758.000	4.475	RT	329	3+770.000	4.475	RT	7.415		11.363													1				
329	3+770.000	4.475	RT	330	3+770.000	4.475	LT	5.399		8.131																1	
330	3+770.000	4.475	LT	0	3+770.000	6.200	LT			1.315																1	
331	3+800.000	4.475	RT	332	3+800.000	4.475	LT	3.926		8.496													1				
332	3+800.000	4.475	LT	333	3+800.000	6.200	LT	0.350		0.763													1				
334	3+836.675	12.200	LT	335	3+827.839	10.500	LT	4.030		8.361													1				
335	3+827.839	10.500	LT	0	3+827.839	6.200	LT			3.890																1	
336	+000.000	4.475	RT	337	3+845.000	4.475	0	3.011		8.496													1				
337	+000.000	4.475	LT	338	3+845.000	6.200	0	0.236		0.763													1				
339	3+876.000	4.475	RT	340	3+876.000	4.475	LT	3.516		8.496													1				
340	3+876.000	4.475	LT	341	3+876.000	6.200	LT	0.290		0.763													1				
343	3+914.540	10.500	RT	344	3+914.540	5.300	RT	2.117		4.081													1				
344	3+914.540	5.300	RT	400	3+914.540	5.438	LT				9.872							1									
345	3+914.619	11.300	LT	400	3+914.619	6.950	LT			4.123													1				
346	+000.000	10.700	LT	400	3+923.432	6.950	0			3.523													1				
347	3+925.524	6.500	RT	348	3+933.000	4.475	RT	2.719		7.109													1				
348	3+933.000	4.475	RT	349	3+933.000	4.475	LT	3.439		8.131																1	
349	3+933.000	4.475	LT	400	3+933.000	5.438	LT			0.553																1	
350	3+955.700	4.475	RT	351	3+954.200	4.475	RT	0.245		0.863													1				
351	3+954.200	4.475	RT	353	3+954.200	4.475	LT	3.524		8.131																1	
353	3+954.200	4.475	LT	400	3+954.200	5.438	LT			0.553																1	
310	3+650.000	6.375	RT	312	3+657.000	6.850	RT	3.395		6.055													1				
311	3+667.000	6.375	RT	312	3+657.000	6.850	RT	4.578		9.050													1				
352	3+955.700	4.475	LT	353	3+954.200	4.475	LT	0.269		0.863													1				
500	4+046.000	4.475	RT	501	4+046.000	4.475	LT	4.294		8.496													1				
501	4+046.000	4.475	LT	502	4+046.000	6.200	LT	0.442		0.923													1				
502	4+046.000	6.200	LT	508	4+155.833	6.200	LT	115.929			108.763					1											
508	4+155.833	6.200	LT	512	4+168.233	6.200	RT	17.553			16.466					1											
512	4+168.233	6.200	RT	517	4+230.000	6.200	RT	87.484				60.815				1											
517	4+230.000	6.200	RT	522	4+315.737	6.200	RT	121.267				84.601				1											
522	4+315.737	6.200	RT	525	4+359.882	6.200	RT	59.562				42.825					1										
525	4+359.882	6.200	RT	528	4+403.640	6.200	RT	55.422				42.438					1										
528	4+403.640	6.200	RT	530	4+451.600	11.000	RT	52.874				46.880					1										
530	4+451.600	11.000	RT	531	4+474.750	11.000	RT					20.761					1										
503	4+082.500	4.475	RT	504	4+082.500	4.475	LT	4.965		8.496													1				
504	4+082.500	4.475	LT	0	4+082.500	6.200	LT			1.498													1				
505	4+119.000	4.475	RT	506	4+119.000	4.475	LT	5.287		8.496													1				
506	4+119.000	4.475	LT	0	4+119.000	6.200	LT			1.498													1				
507	4+155.118	4.475	LT	508	4+155.833	6.200	LT	0.608		1.065													1				
509	4+144.000	4.475	RT	510	4+151.900	11.000	RT	5.104		9.610													1				
510	4+151.900	11.000	RT	511	4+159.700	11.000	RT	3.295		6.981																1	
511	4+159.700	11.000	RT	512	4+168.233	6.200	RT	5.277		8.806																1	
513	4+180.000	4.475	LT	514	4+180.000	4.475	RT	5.390		8.496													1				
514	4+180.000	4.475	RT	0	4+180.000	6.200	RT			1.498													1				
515	4+230.000	4.475	LT	516	4+230.000	4.475	RT	4.362		8.496													1				
516	4+230.000	4.475	RT	517	4+230.000	6.200	RT	0.471		0.923													1				
518	4+275.000	4.475	RT	0	4+275.000	6.200	RT			1.498													1				
519	4+296.000	4.475	LT	520	4+315.737	4.475	LT	10.770		19.100													1				
520	4+315.737	4.475	LT	521	4+315.737	4.475	RT	4.194		8.131																1	
521	4+315.737	4.475	RT	522	4+315.737	6.200	RT	0.237		0.581																1	
523	4+359.882	4.475	LT	524	4+359.882	4.475	RT	4.510		8.496													1				
524	4+359.882	4.475	RT	525	4+359.882	6.200	RT	0.342		0.763													1				

FOR MORE ITEMS, SEE NEXT SHEET

CONTINUED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM SEWER SCHEDULE

SCALE

DRAWN BY KOJ

DATE APRIL 18, 2008

CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
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HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	36
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

STORM SEWER SCHEDULE (CONTINUED)

UPSTREAM STRUCTURE				DOWNSTREAM STRUCTURE				PRECAST REINFORCED CONCRETE FLARED END SECTIONS		REINFORCED CONCRETE PIPE TEE						JUNCTION BOX NO.1	PRECAST CONCRETE BOX CULVERT, 1.5M x 0.6M	BOX CULVERT END SECTION, CULVERT NO. 7
										300MM PIPE WITH 300MM RISER	450MM PIPE WITH 300MM RISER	600MM PIPE WITH 300MM RISER	750MM PIPE WITH 300MM RISER	900MM PIPE WITH 300MM RISER	1050MM PIPE WITH 300MM RISER			
STR #	LOCATION			STR #	LOCATION			600MM	1050MM									
	STATION	OFFSET METER	LT/RT		STATION	OFFSET METER	LT/RT	M542E128 EACH	M542E148 EACH	M542C212 EACH	M542C220 EACH	M542C228 EACH	M542C236 EACH	M542C244 EACH	M542C248 EACH	60247400 EACH	MX540110 METER	54001007 EACH
316	3+670.000	6.375	LT	0	3+670.000	4.500	LT					1						
317	3+690.350	6.375	RT	319	3+690.350	4.500	LT											
318	3+690.350	6.375	LT	319	3+690.350	4.500	LT											
320	3+723.000	6.375	RT	322	3+723.000	4.500	LT											
321	3+723.000	6.375	LT	322	3+723.000	4.500	LT											
323	3+739.000	6.838	RT	326	3+739.000	4.500	LT											
324	3+739.000	10.500	LT	325	3+737.930	6.670	LT											
325	3+737.930	6.670	LT	326	3+739.000	4.500	LT											
328	3+758.000	4.475	RT	329	3+770.000	4.475	RT											
329	3+770.000	4.475	RT	330	3+770.000	4.475	LT											
330	3+770.000	4.475	LT	0	3+770.000	6.200	LT					1						
331	3+800.000	4.475	RT	332	3+800.000	4.475	LT											
332	3+800.000	4.475	LT	333	3+800.000	6.200	LT											
334	3+836.675	12.200	LT	335	3+827.839	10.500	LT											
335	3+827.839	10.500	LT	0	3+827.839	6.200	LT					1						
336	+000.000	4.475	RT	337	3+845.000	4.475	0											
337	+000.000	4.475	LT	338	3+845.000	6.200	0											
339	3+876.000	4.475	RT	340	3+876.000	4.475	LT											
340	3+876.000	4.475	LT	341	3+876.000	6.200	LT											
343	3+914.540	10.500	RT	344	3+914.540	5.300	RT											
344	3+914.540	5.300	RT	400	3+914.540	5.438	LT											
345	3+914.619	11.300	LT	400	3+914.619	6.950	LT											
346	+000.000	10.700	LT	400	3+923.432	6.950	0											
347	3+925.524	6.500	RT	348	3+933.000	4.475	RT											
348	3+933.000	4.475	RT	349	3+933.000	4.475	LT											
349	3+933.000	4.475	LT	400	3+933.000	5.438	LT											
350	3+955.700	4.475	RT	351	3+954.200	4.475	RT											
351	3+954.200	4.475	RT	353	3+954.200	4.475	LT											
353	3+954.200	4.475	LT	400	3+954.200	5.438	LT											
310	3+650.000	6.375	RT	312	3+657.000	6.850	RT											
311	3+667.000	6.375	RT	312	3+657.000	6.850	RT											
352	3+955.700	4.475	LT	353	3+954.200	4.475	LT											
500	4+046.000	4.475	RT	501	4+046.000	4.475	LT											
501	4+046.000	4.475	LT	502	4+046.000	6.200	LT											
502	4+046.000	6.200	LT	508	4+155.833	6.200	LT											
508	4+155.833	6.200	LT	512	4+168.233	6.200	RT											
512	4+168.233	6.200	RT	517	4+230.000	6.200	RT											
517	4+230.000	6.200	RT	522	4+315.737	6.200	RT											
522	4+315.737	6.200	RT	525	4+359.882	6.200	RT											
525	4+359.882	6.200	RT	528	4+403.640	6.200	RT											
528	4+403.640	6.200	RT	530	4+451.600	11.000	RT											
530	4+451.600	11.000	RT	531	4+474.750	11.000	RT	1										
503	4+082.500	4.475	RT	504	4+082.500	4.475	LT											
504	4+082.500	4.475	LT	0	4+082.500	6.200	LT				1							
505	4+119.000	4.475	RT	506	4+119.000	4.475	LT											
506	4+119.000	4.475	LT	0	4+119.000	6.200	LT				1							
507	4+155.118	4.475	LT	508	4+155.833	6.200	LT											
509	4+144.000	4.475	RT	510	4+151.900	11.000	RT											
510	4+151.900	11.000	RT	511	4+159.700	11.000	RT											
511	4+159.700	11.000	RT	512	4+168.233	6.200	RT											
513	4+180.000	4.475	LT	514	4+180.000	4.475	RT											
514	4+180.000	4.475	RT	0	4+180.000	6.200	RT					1						
515	4+230.000	4.475	LT	516	4+230.000	4.475	RT											
516	4+230.000	4.475	RT	517	4+230.000	6.200	RT											
518	4+275.000	4.475	RT	0	4+275.000	6.200	RT					1						
519	4+296.000	4.475	LT	520	4+315.737	4.475	LT											
520	4+315.737	4.475	LT	521	4+315.737	4.475	RT											
521	4+315.737	4.475	RT	522	4+315.737	6.200	RT											
523	4+359.882	4.475	LT	524	4+359.882	4.475	RT											
524	4+359.882	4.475	RT	525	4+359.882	6.200	RT											

CONTINUED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM SEWER SCHEDULE

SCALE

DRAWN BY KOJ

DATE APRIL 18, 2008

CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\78031_sch_storm sewer.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	37
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

STORM SEWER SCHEDULE (CONTINUED)

UPSTREAM STRUCTURE				DOWNSTREAM STRUCTURE				TRENCH BACKFILL	STORM SEWERS, CLASS B	STORM SEWERS, CLASS A					RESTRICTED DEPTH MANHOLES							INLETS, TYPE A			INLETS, TYPE B	
										TYPE 1					TYPE 1 FRAME, CLOSED LID				TYPE 3 FRAME AND GRATE			TYPE 3 FRAME AND GRATE	TYPE 8 FRAME AND GRATE	TYPE 11 FRAME AND GRATE	TYPE 3 FRAME AND GRATE	TYPE 8 GRATE
STR #	LOCATION			STR #	LOCATION				150MM	300MM	450MM	600MM	750MM	900MM	1050MM	1.2 M	1.5 M	1.8 M	2.4 M	1.2 M	1.5 M	1.8 M					
	STATION	OFFSET	LT/RT		STATION	OFFSET	LT/RT	M2080150	M5500215	M5500430	M5500450	M5500465	M5500475	M5500485	M5500495	M6022110	M6022210	M6022310	M6023255	M6022115	M6022215	M6022315	60235700	60236200	60236800	60240220	60240301
		METER				METER		CU M	METER	METER	METER	METER	METER	METER	METER	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
EX	4+379.915	9.016	LT	526	4+403.640	7.860	LT	9.287		22.934																	
526	4+403.640	7.860	LT	527	4+403.640	4.475	RT	5.610		11.516																	1
527	4+403.640	4.475	RT	528	4+403.640	6.200	RT	0.167		0.581																1	
529	4+451.600	4.475	RT	530	4+451.600	11.000	RT	2.258		5.563													1				
TOTALS								2945.228	7.200	705.053	242.233	760.803	180.086	319.795	193.778	9.000	17.000	10.000	1.000	2.000	1.000	5.000	84.000	10.000	2.000	34.000	2.000
TOTALS ROUNDED FOR SUMMARY SHEET								2946	7.2	705.1	242.3	760.9	180.1	319.8	193.8	9	17	10	1	2	1	5	84	10	2	34	2

FOR MORE ITEMS, SEE NEXT SHEET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM SEWER SCHEDULE

SCALE

DRAWN BY KOJ

DATE APRIL 18, 2008

CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70031_sch_storm sewer.dgn

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	38
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

STORM SEWER SCHEDULE (CONTINUED)

UPSTREAM STRUCTURE				DOWNSTREAM STRUCTURE				PRECAST REINFORCED CONCRETE FLARED END SECTIONS		REINFORCED CONCRETE PIPE TEE						JUNCTION BOX NO.1	PRECAST CONCRETE BOX CULVERT, 1.5M x 0.6M	BOX CULVERT END SECTION, CULVERT NO. 7
										300MM PIPE WITH	450MM PIPE WITH	600MM PIPE WITH	750MM PIPE WITH	900MM PIPE WITH	1050MM PIPE WITH			
STR #	LOCATION			STR #	LOCATION			600MM	1050MM	300MM RISER	300MM RISER	300MM RISER	300MM RISER	300MM RISER	300MM RISER			
	STATION	OFFSET METER	LT/RT		STATION	OFFSET METER	LT/RT	M542E128 EACH	M542E148 EACH	M542C212 EACH	M542C220 EACH	M542C228 EACH	M542C236 EACH	M542C244 EACH	M542C248 EACH	60247400 EACH	MX540110 METER	54001007 EACH
EX	4+379.915	9.016	LT	526	4+403.640	7.860	LT											
526	4+403.640	7.860	LT	527	4+403.640	4.475	RT											
527	4+403.640	4.475	RT	528	4+403.640	6.200	RT											
529	4+451.600	4.475	RT	530	4+451.600	11.000	RT											
TOTALS								2.000	1.000	1.000	2.000	8.000	5.000	7.000	3.000	1.000	64.400	1.000
TOTALS ROUNDED FOR SUMMARY SHEET								2	1	1	2	8	5	7	3	1	64.4	1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM SEWER SCHEDULE

SCALE

DRAWN BY KOJ

DATE APRIL 18, 2008

CHECKED BY RGH

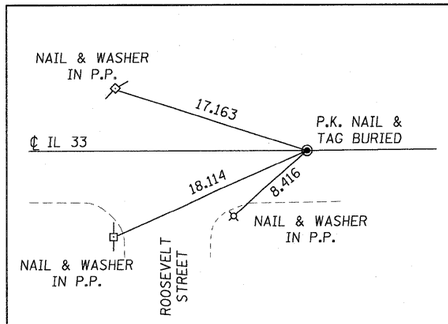
H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70031_sch_storm sewer.dgn

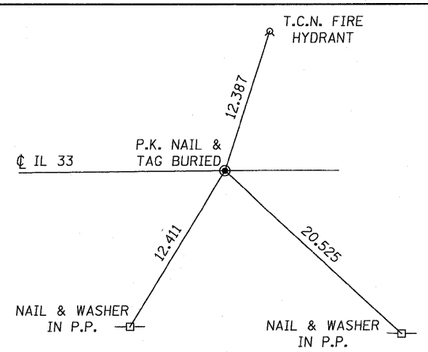
HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	39
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



IL. ROUTE 33 P.I. STA. 4+168.229



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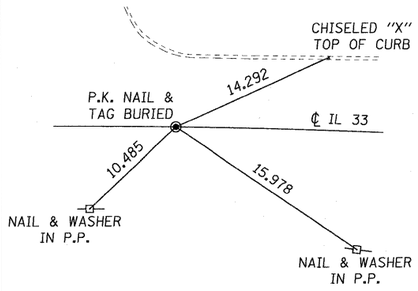
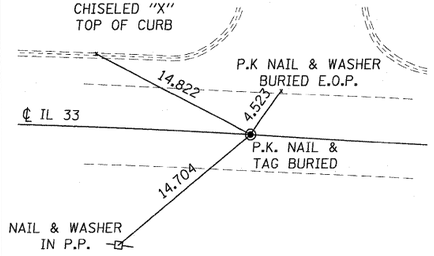


IL. ROUTE 33 P.I. STA. 4+401.659



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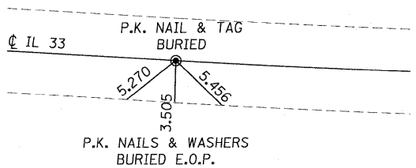
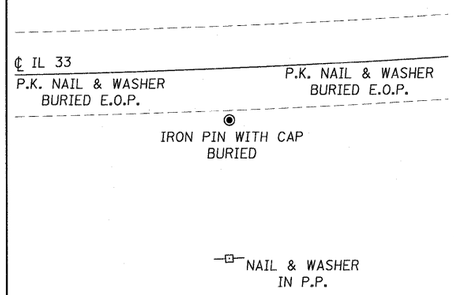
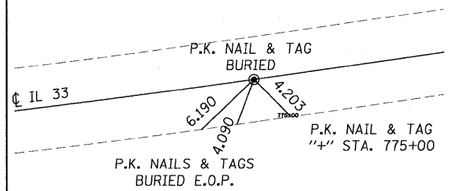


IL. ROUTE 33 P.C. STA. 4+679.690



IL. ROUTE 33 P.I. STA. 4+767.616



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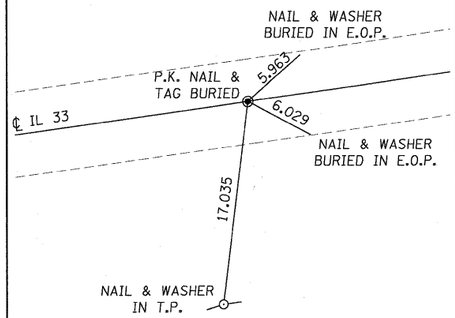
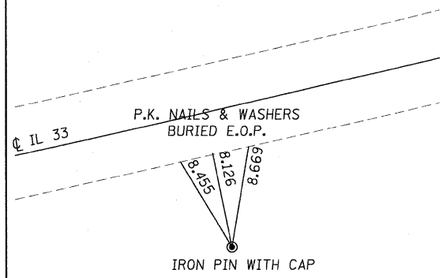
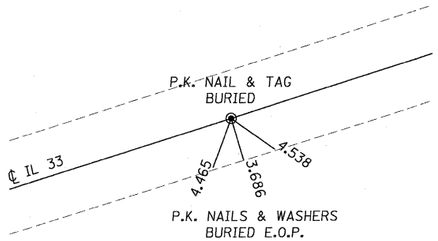


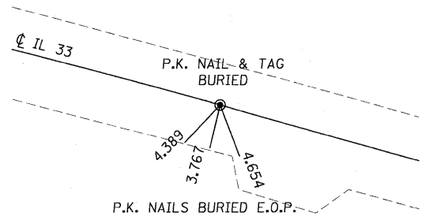
IL. ROUTE 33 P.C. STA. 4+986.940



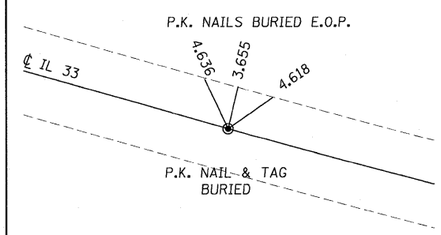
IL. ROUTE 33 P.I. STA. 5+262.390



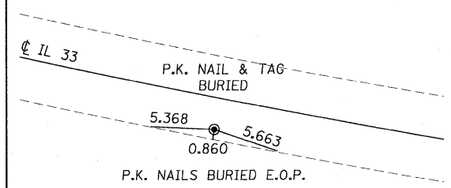
IL. ROUTE 33 P.T. STA. 5+536.526



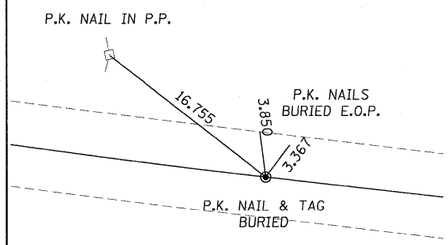
IL. ROUTE 33 P.T. STA. 6+565.326



IL. ROUTE 33 P.C. STA. 6+986.815



IL. ROUTE 33 P.I. STA. 7+052.662



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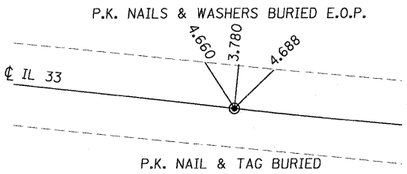
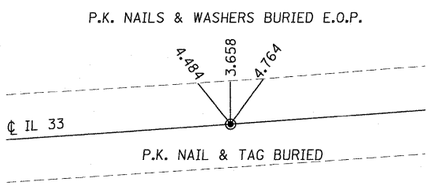
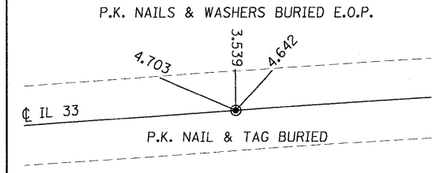


IL. ROUTE 33 P.C. STA. 7+373.089



IL. ROUTE 33 P.T. STA. 8+936.590



IL. ROUTE 33 P.C. STA. 9+157.763

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

LOCAL TIES

SCALE NO SCALE DRAWN BY EDW

DATE MARCH 20, 2008 CHECKED BY RGH

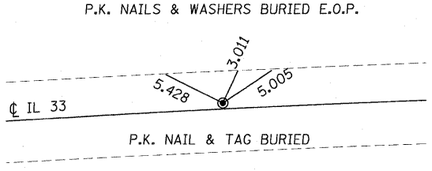
H. M. & G. NO. 4420

PLOT DATE = 3/20/2008
FILE NAME = H:\4420\70039_tie_01.dgn

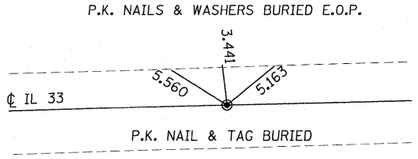
HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

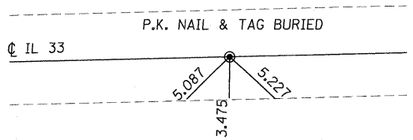
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	40
STA.	TO STA.			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



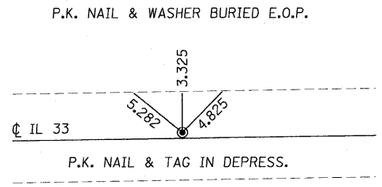
IL. ROUTE 33 P.I. STA. 9+198.568



IL. ROUTE 33 P.T. STA. 9+239.358

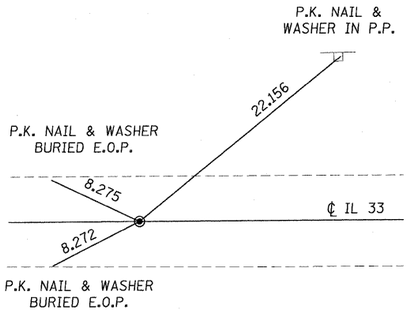


IL. ROUTE 33 P.C. STA. 9+857.908

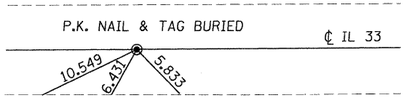


IL. ROUTE 33 P.I. STA. 9+979.831

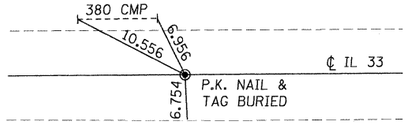
NOTE: NORTH ARROW APPLIES TO ALL TIES



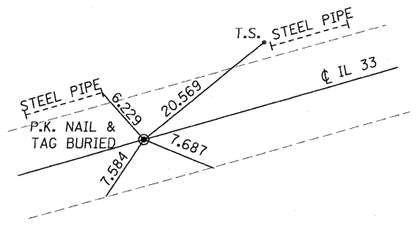
IL. ROUTE 33 P.T. STA. 10+101.748



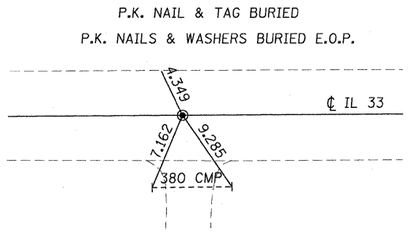
IL. ROUTE 33 P.C. STA. 13+143.500



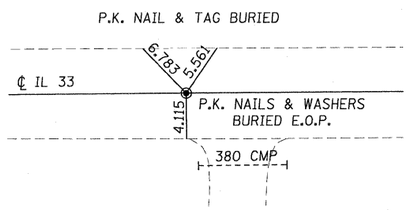
IL. ROUTE 33 P.I. STA. 13+297.116



IL. ROUTE 33 P.R.C. STA. 13+450.475



IL. ROUTE 33 P.I. STA. 13+600.724



IL. ROUTE 33 P.T. STA. 13+750.733

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

LOCAL TIES

SCALE NO SCALE DRAWN BY EDW

DATE MARCH 20, 2008 CHECKED BY RGH

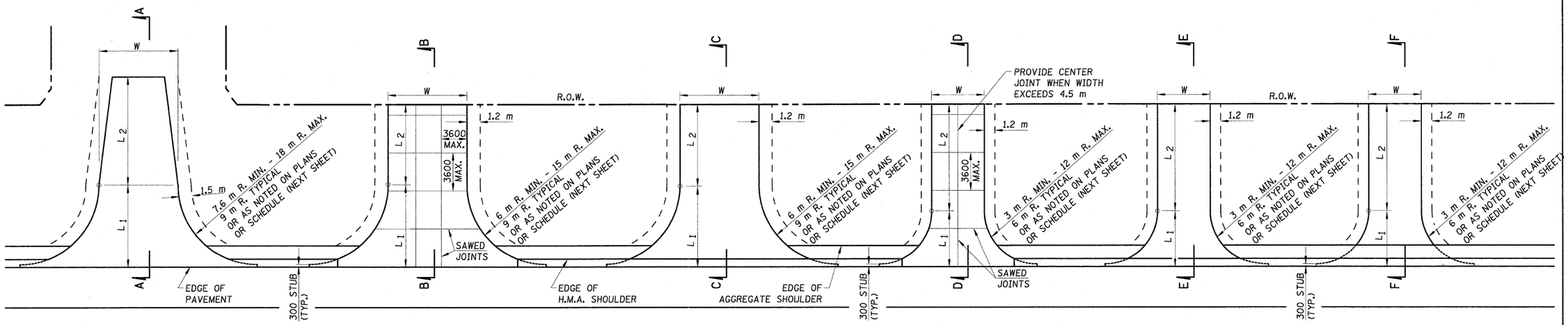
H. M. & G. NO. 4420

PLOT DATE = 3/20/2008
FILE NAME = H:\4420\78040.tie.02.dgn

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	41
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



PUBLIC ROAD

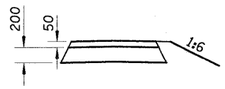
COMMERCIAL (P.C.C.)

COMMERCIAL (H.M.A.)

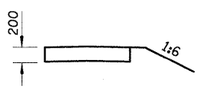
PRIVATE ENTRANCE (P.C.C.)

PRIVATE ENTRANCE (H.M.A.)

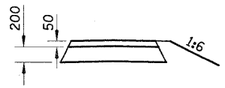
FIELD ENTRANCE (AGGREGATE)



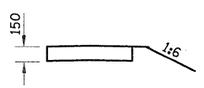
TYPICAL SECTION



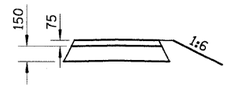
TYPICAL SECTION



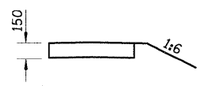
TYPICAL SECTION



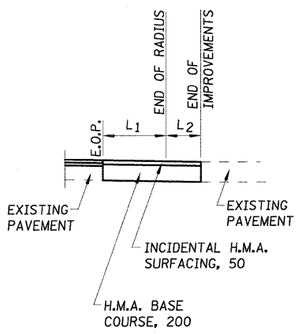
TYPICAL SECTION



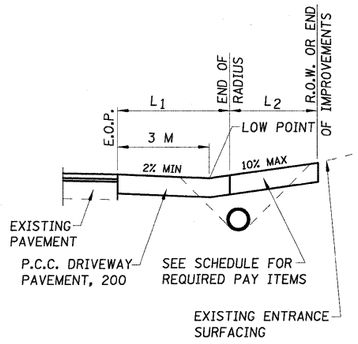
TYPICAL SECTION



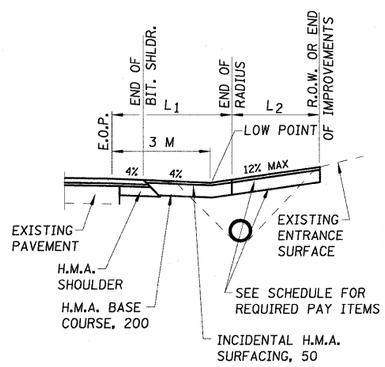
TYPICAL SECTION



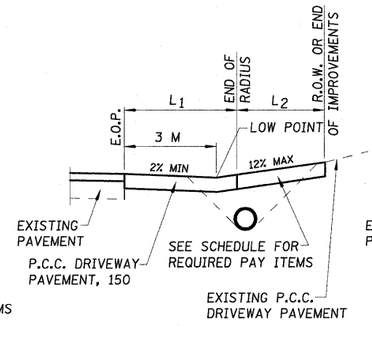
SECTION A-A



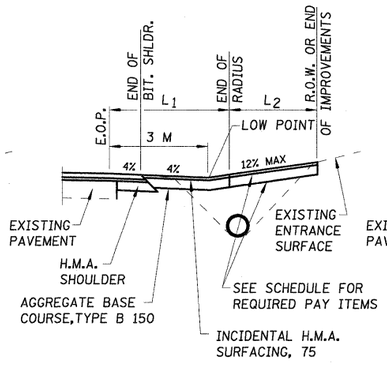
SECTION B-B



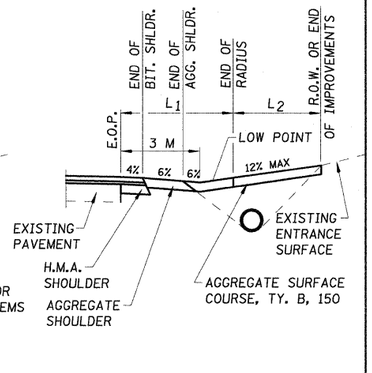
SECTION C-C



SECTION D-D



SECTION E-E



SECTION F-F

NOTES:

- L_1 = DISTANCE FROM EDGE OF PAVEMENT TO RADIUS POINT
- L_2 = DISTANCE FROM RADIUS POINT TO R.O.W. OR END OF IMPROVEMENT
- MATERIAL USED TO CONSTRUCT L_2 LENGTH SHALL BE OF THE SAME TYPE OF MATERIAL AS THE EXISTING ENTRANCE
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RURAL ENTRANCE DETAILS

SCALE AS SHOWN — DRAWN BY EDW

DATE APRIL 18, 2008 — CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70041_ent_rl.dgn

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	42
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

RURAL ENTRANCE SCHEDULE

LOCATION				WIDTH	LENGTH		RADIUS	AGGREGATE BASE COURSE, TYPE B	HOT-MIX ASPHALT BASE COURSE	AGGREGATE SURFACE COURSE, TYPE B	BITUMINOUS MATERIALS (PRIME COAT)		AGGREGATE (PRIME COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING		PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT	
											PRIOR TO BINDER/BASE COURSE	PRIOR TO SURFACE COURSE					
								150MM	200MM	150MM				50MM	75MM	150 MM	200 MM
STATION	LT/RT	TYPE	EXISTING MATERIAL	W1	L1	L2		M3511010	M3550500	M4021010	M4080100		M4080300	M4080500		M4230150	M4230200
				METER	METER	METER	METER	M TON	SQ. M	M TON	LITER	LITER	M TON	M TON	M TON	SQ. M	SQ. M
RURAL																	
STA 0+952.000	RT	PE	AGGREGATE	4.6	6.30	2.54	6	12.68		4.21		52.82			6.34		
STA 1+201.500	LT	FE	DIRT	3.7	6.30	2.54	6			9.86							
STA 1+392.000	LT	CE	CONC/AGG	9.3	6.30	3.62	6			12.12							77.64
STA 1+465.000	LT	FE	DIRT	5.5	6.30	3.82	6			16.56							
STA 1+465.000	RT	FE	DIRT	5.5	6.30	3.82	6			16.56							
STA 1+595.600	RT	FE	AGGREGATE	5.2	6.30	6.28	6			18.61							
STA 1+755.200	LT	PE	AGGREGATE	5.5	6.30	7.11	6	14.41		14.08		60.06			7.21		
STA 1+764.500	RT	FE	DIRT	7.2	9.30	4.11	9			33.42							
STA 1+970.300	RT	ROAD	AGGREGATE	5.5	See Plans	See Plans	10		236.98		355.47	82.94	0.355	28.44			
STA 1+970.300	RT	PE	AGGREGATE	See Plans	See Plans	See Plans	3	10.90		65.55		45.40			5.45		
STA 2+196.000	LT	FE	DIRT	3.6	6.30	8.64	6			17.52							
STA 2+403.300	RT	CE	CONCRETE	7.2	12.30	7.19	12										209.33
STA 2+534.000	LT	FE	DIRT	4.3	6.30	7.11	6			18.33							
STA 2+575.600	LT	PE	AGG/BIT	5.2	6.30	7.11	6	27.16				113.16			13.58		
STA 2+759.000	RT	FE	DIRT	3.6	6.30	11.04	6			20.63							
OBLONG - SEE URBAN ENTRANCE SCHEDULE FOR OBLONG																	
STA 4+529.000	RT	PE	OIL & CHIP	7.2	9.30	5.64	9	45.95				191.45			22.97		
STA 4+583.500	LT	PE	AGGREGATE	7.2	9.30	5.64	9	31.34		14.61		130.57			15.67		
STA 4+601.300	RT	CE	AGGREGATE	10.6	9.30	5.52	9		115.61	21.06	173.41	40.46	0.173	13.87			
STA 4+618.800	LT	PE	AGGREGATE	4.7	9.30	5.74	9	23.78		9.71		99.07			11.89		
STA 5+088.700	RT	PE	OIL & CHIP	4.0	6.30	8.64	6	23.95				99.79			11.98		
STA 5+141.000	LT	CE	AGGREGATE	9.0	9.30	3.35	9		102.13	10.85	153.19	35.74	0.153	12.26			
STA 5+193.700	LT	PE	AGGREGATE	3.6	6.30	8.64	6	10.72		11.19		44.69			5.36		
STA 5+194.097	RT	ROAD	OIL & CHIP	6.0	See Plans	See Plans	15		227.25		340.87	79.54	0.341	27.27			
STA 5+345.500	LT	FE	DIRT	3.6	6.30	8.64	6			17.51							
STA 5+345.500	RT	PE	AGGREGATE	3.6	6.30	8.64	6	10.72		11.19		44.69			5.36		
STA 5+466.700	LT	PE	AGGREGATE	4.6	6.30	8.64	6	12.67		14.30		52.79			6.33		
STA 5+618.000	RT	CE	AGGREGATE	10.6	9.30	0.00	9		115.64		173.46	40.47	0.173	13.88			
STA 5+621.500	LT	PE	AGGREGATE	7.2	6.30	5.59	6	17.73		14.49		73.86			8.86		
STA 5+651.500	RT	CE	AGGREGATE	10.6	9.30	0.00	9		115.64		173.46	40.47	0.173	13.88			
STA 5+720.000	LT	FE	DIRT	4.0	4.30	7.58	4			13.86							
STA 5+771.700	LT	FE	DIRT	3.6	4.30	7.59	4			12.51							
STA 5+938.000	RT	FE	DIRT	4.0	6.30	5.59	6			14.94							
STA 6+084.500	RT	PE	AGGREGATE	3.6	6.30	5.59	6	10.70		7.24		44.58			5.35		
STA 6+140.500	RT	PE	AGGREGATE	4.2	6.30	5.59	6	11.89		8.45		49.56			5.95		
STA 6+180.600	LT	FE	AGGREGATE	4.2	6.30	5.59	6			15.62							
STA 6+181.600	RT	PE	AGGREGATE	4.2	6.30	5.59	6	11.89		8.45		49.56			5.95		
STA 6+309.000	RT	CE	AGGREGATE	10.6	11.89	0.00	15		165.80		248.70	58.03	0.249	19.90			
STA 6+342.500	RT	CE	AGGREGATE	10.6	11.89	0.00	15		165.80		248.70	58.03	0.249	19.90			
STA 6+444.900	LT	ROAD	OIL & CHIP	6.0	See Plans	See Plans	15		241.02		361.54	84.36	0.362	28.92			
STA 6+446.400	RT	PE	AGGREGATE	5.0	6.30	2.90	6	18.70		5.21		77.91			5.21		
STA 6+446.400	RT	ROAD	OIL & CHIP	6.0	See Plans	See Plans	15		290.99		436.49	101.85	0.436	34.92			
STA 6+483.500	RT	CE	CONCRETE	10.6	6.30	5.59	6										145.07
STA 6+500.000	LT	CE	AGGREGATE	10.6	6.30	5.59	6		67.71	21.33	101.57	23.70	0.102	8.13			
STA 6+524.000	LT	PE	AGGREGATE	5.9	6.30	5.59	6	15.23		11.87		63.47			7.62		
STA 6+524.500	RT	CE	AGGREGATE	10.6	6.30	5.59	6		67.49	21.33	101.24	23.62	0.101	8.10			
STA 6+562.500	LT	PE	AGGREGATE	3.9	6.30	5.59	6	11.33		7.85		47.22			5.67		
STA 6+572.500	RT	CE	BIT/AGGREGATE	7.3	6.30	5.59	6		49.78	14.69	74.67	17.42	0.075	5.97			
STA 6+592.700	LT	PE	AGGREGATE	3.8	6.30	5.59	6	11.12		7.65		46.32			5.56		
STA 6+632.800	RT	FE	DIRT	4.0	6.30	5.59	6			14.94							
STA 6+636.700	LT	PE	AGGREGATE	3.6	6.30	5.59	6 & 5	10.06		7.24		41.94			5.03		
STA 6+652.100	LT	PE	AGGREGATE	7.2	6.30	5.59	5 & 6	17.06		14.49		71.09			8.53		
STA 6+746.500	RT	PE	AGGREGATE	5.0	6.30	5.59	6	13.45		10.06		56.04			6.73		
STA 6+784.500	RT	PE	AGGR/BIT	3.6	6.30	5.59	6	17.97				74.88			8.99		
STA 6+819.200	RT	PE	BITUMINOUS	4.2	6.30	5.59	6	20.35				84.77			10.17		
STA 6+907.000	RT	FE	AGGREGATE	3.6	6.30	13.35	6			23.63							
STA 7+015.000	LT	CE	AGGREGATE	7.2	6.30	8.64	6		49.17	22.39	73.76	17.21	0.074	5.90			
STA 7+071.000	RT	PE	-----	3.7	6.30	8.68	6	10.96		11.56		45.66			5.48		
STA 7+090.000	LT	CE	BIT/CONC/AGGR	7.2	6.30	8.64	6		49.17	22.39	73.76	17.21	0.074	5.90			
STA 7+177.000	RT	FE	AGGREGATE	6.0	9.30	5.65	9			31.99							
STA 7+291.800	LT	CE	AGGREGATE	4.6	6.30	23.88	6		35.20	39.54	52.80	12.32	0.053	4.22			

CONTINUED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RURAL ENTRANCE SCHEDULE

SCALE NO SCALE DRAWN BY KOJ

DATE APRIL 18, 2008 CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70842_ent_r2.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	43
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

RURAL ENTRANCE SCHEDULE - CONTINUED

LOCATION				WIDTH	LENGTH		RADIUS	AGGREGATE BASE COURSE, TYPE B	HOT-MIX ASPHALT BASE COURSE	AGGREGATE SURFACE COURSE, TYPE B	BITUMINOUS MATERIALS (PRIME COAT)		AGGREGATE (PRIME COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING		PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT	
											PRIOR TO BINDER/BASE COURSE	PRIOR TO SURFACE COURSE					
								150MM	200MM	150MM				50MM	75MM	150 MM	200 MM
STATION	LT/RT	TYPE	EXISTING MATERIAL	W1	L1	L2		M3511010	M3550500	M4021010	M4080100		M4080300	M4080500		M4230150	M4230200
				METER	METER	METER	METER	M TON	SQ. M	M TON	LITER	LITER	M TON	M TON	M TON	SQ. M	SQ. M
STA 7+328.600	LT	PE	BITUMINOUS	4.6	6.30	23.88	6	52.21				217.55			26.11		
STA 7+355.000	RT	PE	AGGREGATE	5.5	6.30	5.59	6	14.42		11.07		60.09			7.21		
STA 7+392.900	LT	PE	AGGREGATE	4.5	6.30	18.74	6	12.45		30.36		51.87			6.22		
STA 7+471.600	LT	PE	AGGREGATE	3.7	6.30	5.59	6	10.92		7.44		45.50			5.46		
STA 7+478.000	RT	FE	AGGREGATE	3.7	6.30	5.59	6			11.45							
STA 7+509.000	LT	PE	CONCRETE	3.7	6.30	5.59	6									63.04	
STA 7+537.000	RT	CE	CONCRETE	7.2	9.30	2.59	9										122.57
STA 7+682.000	RT	PE	BITUMINOUS	5.3	4.30	3.55	4	18.33				76.38			9.17		
STA 7+687.147	LT	ROAD	OIL & CHIP	6.2	See Plans	See Plans	15		208.47		312.70	72.96	0.313	25.02			
STA 7+687.147	RT	ROAD	OIL & CHIP	6.2	See Plans	See Plans	15		209.60		314.40	73.36	0.314	25.15			
STA 7+755.000	LT	FE	DIRT	3.6	6.30	5.59	6			13.57							
STA 7+999.500	LT	FE	DIRT	6.0	6.30	5.59	6			21.77							
STA 8+063.000	RT	FE	BIT/AGGREGATE	6.0	6.30	5.59	6			20.73							
STA 8+161.200	RT	FE	AGGREGATE	3.6	6.30	5.59	6			13.57							
STA 8+296.000	LT	FE	DIRT	3.6	6.30	8.70	6			17.60							
STA 8+311.000	RT	FE	AGGREGATE	7.2	6.30	5.59	6			25.87							
STA 8+456.000	LT	FE	DIRT	3.6	6.30	5.59	6			13.57							
STA 8+456.000	RT	FE	DIRT	3.6	6.30	5.59	6			13.57							
STA 8+563.000	LT	PE	AGGREGATE	3.6	6.30	8.64	6	10.73		11.19		44.70			5.36		
STA 8+607.000	RT	PE	BITUMINOUS	4.8	6.30	5.59	6	22.72				94.66			6.53		
STA 8+613.500	LT	CE	AGGREGATE	7.2	6.30	8.64	6		49.24	22.39	73.86	17.23	0.074	5.91			
STA 8+634.000	LT	PE	AGGREGATE	6.5	6.30	8.64	6	16.37		20.21		68.19			8.18		
STA 8+651.000	RT	PE	BITUMINOUS	5.7	6.30	8.64	6	32.53				135.56			16.27		
STA 8+669.000	RT	PE	AGGREGATE	5.4	6.30	8.64	6	14.23		16.79		59.28			7.11		
STA 8+705.600	LT	PE	BITUMINOUS	3.9	6.30	8.64	6	23.44				97.66			11.72		
STA 8+710.500	RT	PE	AGGREGATE	6.5	6.30	8.64	6	16.57		20.21		69.03			8.28		
STA 8+724.500	RT	PE	AGGREGATE	3.6	6.30	8.64	6	10.93		11.19		45.54			5.47		
STA 8+739.700	LT	PE	BITUMINOUS	5.6	6.30	8.64	6	32.03				133.45			16.01		
STA 8+749.000	RT	PE	AGGREGATE	3.6	6.30	8.64	6	10.73		11.19		44.70			5.36		
STA 8+770.500	LT	PE	BITUMINOUS	6.0	6.30	8.64	6	34.05				141.87			17.02		
STA 8+778.500	RT	PE	AGGREGATE	4.0	6.30	8.64	6	11.64		12.44		48.48			5.82		
STA 8+792.000	LT	PE	BITUMINOUS	4.3	6.30	8.64	6	25.46				106.08			12.73		
STA 8+793.300	RT	PE	BITUMINOUS	6.0	6.30	8.64	6	34.20				142.49			17.10		
STA 8+841.000	RT	CE	AGGREGATE	10.6	6.30	8.64	6		67.61	32.96	101.42	23.66	0.101	8.11			
STA 8+843.000	LT	CE	BITUMINOUS	10.6	6.30	8.64	6		159.14		238.72	55.70	0.239	19.10			
STA 8+869.500	RT	CE	AGGREGATE	10.6	6.30	8.64	6		67.62	32.96	101.43	23.67	0.101	8.11			
STA 8+910.897	LT	ROAD	OIL & CHIP	6.0	See Plans	See Plans	15		206.22		309.33	72.18	0.309	24.75			
STA 8+949.000	RT	PE	AGGREGATE	8.6	6.30	8.64	6	20.45		26.74		85.20			10.22		
STA 9+073.000	LT	PE	BITUMINOUS	4.0	6.30	8.64	6	23.94				99.76			11.97		
STA 9+192.500	RT	CE	AGGREGATE	10.6	6.30	8.64	6		67.56	32.96	101.34	23.65	0.101	8.11			
STA 9+682.500	RT	PE	AGGREGATE	5.3	6.30	8.64	6	14.03		16.48		58.47			7.02		
STA 9+707.500	RT	PE	AGGREGATE	7.4	6.30	8.64	6	18.12		23.01		75.48			9.06		
STA 9+948.600	LT	PE	OIL & CHIP	3.6	6.30	20.83	6	37.73				157.20			18.86		
STA 9+951.000	RT	CE	AGGREGATE	10.6	6.30	17.78	6		67.60	67.85	101.40	23.66	0.101	8.11			
STA 10+125.278	LT	ROAD	OIL & CHIP	7.0	See Plans	See Plans	15		257.13		385.69	90.00	0.386	30.86			
STA 10+125.278	RT	ROAD	OIL & CHIP	6.7	See Plans	See Plans	15		284.71		427.06	99.65	0.427	34.17			
STA 10+321.500	RT	FE	AGGREGATE	4.0	6.30	11.69	6			23.72							
STA 10+329.000	LT	CE	AGGREGATE	10.6	6.30	8.64	6		67.60	32.96	101.40	23.66	0.101	8.11			
STA 10+500.000	LT	CE	CONC/AGG	10.6	6.30	8.64	6										177.38
STA 10+559.500	RT	CE	AGGREGATE	10.6	6.30	8.64	6		67.60	32.96	101.40	23.66	0.101	8.11			
STA 10+705.000	LT	FE	DIRT	7.2	6.30	8.64	6			33.77							
STA 10+732.000	LT	PE	AGGREGATE	3.9	6.30	8.64	6 & 2.125	12.41		12.12		51.70			6.20		
STA 10+736.079	RT	ROAD	OIL & CHIP	6.0	15.30	0.35	15		199.48		299.22	69.82	0.299	23.94			
STA 10+740.000	LT	PE	AGGREGATE	3.6	6.30	8.64	2.125 & 6	11.79		11.19		49.11			5.89		
STA 10+765.500	LT	PE	AGGREGATE	3.6	6.30	8.64	6	10.73		11.19		44.70			5.36		
STA 10+784.800	LT	PE	AGGREGATE	3.6	6.30	8.64	6 & 2.65	12.05		11.20		50.21			6.03		
STA 10+793.900	LT	PE	AGGREGATE	4.0	6.30	8.64	2.65 & 6	12.81		12.44		53.36			6.40		
STA 10+819.600	RT	CE	AGGREGATE	7.2	6.30	4.95	6		49.25	12.83	73.88	17.24	0.074	5.91			
STA 10+824.000	LT	PE	DIRT	7.0	6.30	8.64	6	17.34		21.77		72.24			8.67		
STA 10+864.000	RT	CE	AGGREGATE	7.2	6.30	8.64	6		49.25	22.39	73.88	17.24	0.074	5.91			
STA 10+915.500	LT	PE	AGGREGATE	3.6	6.30	8.64	6	10.73		11.19		44.70			5.36		
STA 10+920.500	RT	PE	AGGREGATE	3.6	6.30	8.64	6	10.73		11.19		44.72			5.37		

CONTINUED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RURAL ENTRANCE SCHEDULE

SCALE NO SCALE DRAWN BY KOJ

DATE APRIL 18, 2008 CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70842_ent_r2.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	44
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

RURAL ENTRANCE SCHEDULE - CONTINUED

LOCATION				WIDTH	LENGTH		RADIUS	AGGREGATE BASE COURSE, TYPE B	HOT-MIX ASPHALT BASE COURSE	AGGREGATE SURFACE COURSE, TYPE B	BITUMINOUS MATERIALS (PRIME COAT)		AGGREGATE (PRIME COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING		PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT	
											PRIOR TO BINDER/BASE COURSE	PRIOR TO SURFACE COURSE		50MM	75MM	150 MM	200 MM
								150MM	200MM	150MM							
STATION	LT/RT	TYPE	EXISTING MATERIAL	W1	L1	L2		M3511010	M3550500	M4021010	M4080100		M4080300	M4080500		M4230150	M4230200
				METER	METER	METER	METER	M TON	SQ. M	M TON	LITER	LITER	M TON	M TON	M TON	SQ. M	SQ. M
STA 11+073.840	LT	FE	AGGREGATE	4.0	See Plans	See Plans	6 & 12			27.87							
STA 11+073.840	RT	FE	AGGREGATE	3.9	See Plans	See Plans	12 & 6			24.39							
STA 11+146.500	LT	PE	DIRT	3.6	6.30	8.64	6	10.73		11.19		44.70			5.36		
STA 11+246.000	RT	FE	DIRT	3.6	6.30	8.64	6			17.52							
STA 11+306.500	LT	PE	AGGREGATE	4.4	6.30	8.64	6	12.18		13.68		50.75			6.09		
STA 11+346.500	RT	CE	OIL & CHIP	7.2	6.30	11.69	6		133.37		200.06	46.68	0.200	16.00			
STA 11+350.000	LT	CE	AGGREGATE	7.2	6.30	8.64	6		49.24	22.39	73.86	17.23	0.074	5.91			
STA 11+571.600	RT	CE	CONCRETE	10.6	6.30	11.69	6										209.69
STA 11+698.000	RT	CE	CONCRETE	10.6	6.30	15.93	6										254.67
STA 11+713.000	LT	PE	AGGREGATE	3.6	6.30	8.64	6	10.73		11.19		44.70			5.36		
STA 11+756.500	LT	PE	BITUMINOUS	3.6	6.30	14.73	6	29.82				124.24			14.91		
STA 11+880.000	RT	CE	AGGREGATE	10.6	9.30	8.69	9		115.61	33.14	173.41	40.46	0.173	13.87			
STA 11+914.500	RT	CE	AGGREGATE	7.2	9.30	8.69	9		87.19	22.51	130.78	30.51	0.131	10.46			
STA 11+975.500	RT	CE	AGGREGATE	10.6	12.30	5.69	12		171.52	21.69	257.29	60.03	0.257	20.58			
STA 12+164.026	LT	ROAD	OIL & CHIP	6.7	See Plans	See Plans	15		263.68		395.52	92.29	0.396	31.64			
STA 12+164.026	RT	ROAD	AGGREGATE	6.7	See Plans	See Plans	12		219.07		328.61	76.68	0.329	26.29			
STA 12+353.000	LT	FE	DIRT	3.6	6.30	6.60	6			14.94							
STA 12+353.000	RT	FE	DIRT	3.6	6.30	7.10	6			15.48							
STA 12+647.500	LT	FE	AGGREGATE	3.6	6.30	8.64	6			17.52							
STA 12+880.500	LT	CE	AGGREGATE	7.2	9.30	5.64	9		87.05	14.61	130.57	30.47	0.131	10.45			
STA 12+991.000	LT	PE	AGGREGATE	4.0	6.30	8.64	6	11.51		12.44		47.94			5.75		
STA 13+058.500	LT	PE	AGGREGATE	3.6	6.30	8.64	6	10.73		11.19		44.70			5.36		
STA 13+084.000	RT	CE	AGGREGATE	7.2	6.30	8.64	6		49.24	22.39	73.86	17.23	0.074	5.91			
STA 13+097.000	LT	PE	CONCRETE	3.6	6.30	8.64	6									72.82	
STA 13+127.500	LT	PE	AGGREGATE	5.2	6.30	8.64	6 & 4.3	15.11		16.17		62.97			7.56		
STA 13+140.500	LT	PE	BITUMINOUS	3.6	6.30	8.64	4.3 & 6	23.20				96.67			11.60		
STA 13+163.500	LT	PE	BITUMINOUS	3.6	6.30	8.64	6	21.92				91.33			10.96		
STA 13+205.500	LT	PE	AGGREGATE	3.6	6.30	8.64	6	10.72		11.19		44.69			5.36		
STA 13+246.000	LT	PE	AGGREGATE	6.0	6.30	8.64	6	15.39		18.66		64.10			7.69		
STA 13+290.000	LT	PE	AGGREGATE	3.6	6.30	8.64	6	10.72		11.20		44.67			5.36		
STA 13+328.500	LT	CE	AGGREGATE	7.2	6.30	8.64	6		49.21	22.39	73.82	17.22	0.074	5.91			
STA 13+391.693	LT	ROAD	BITUMINOUS	6.7	See Plans	See Plans	15		253.59		380.39	88.76	0.380	30.43			
STA 13+391.693	RT	ROAD	OIL & CHIP	6.2	See Plans	See Plans	15		240.63		360.94	84.22	0.361	28.88			
STA 13+480.000	LT	FE	DIRT	6.0	6.30	8.64	6			28.37							
STA 13+490.500	RT	PE	AGGREGATE	3.9	6.30	8.64	6	11.30		12.13		47.10			5.65		
STA 13+527.500	RT	PE	AGGREGATE	3.9	6.30	8.64	6	11.28		12.13		47.01			5.64		
STA 13+602.700	RT	PE	AGGREGATE	3.9	6.30	8.64	6 & 4.25	10.74		12.11		44.75			5.37		
STA 13+615.000	RT	PE	AGGREGATE	3.6	6.30	8.64	4.25 & 6	10.16		11.19		42.32			10.08		
STA 13+672.000	RT	CE	AGGREGATE	7.2	6.30	8.64	6		49.22	22.39	73.83	17.23	0.074	5.91			
STA 13+750.400	RT	PE	AGGREGATE	4.3	6.30	8.64	6	12.09		13.37		50.37			6.04		
STA 13+802.800	RT	PE	BITUMINOUS	3.6	6.30	8.64	6	21.92				91.34			10.96		
STA 13+803.800	LT	PE	AGGREGATE	3.6	6.30	8.64	6	10.71		11.19		44.61			5.35		
STA 13+981.300	LT	FE	DIRT	3.6	6.30	8.64	6			17.52							
STA 14+077.100	RT	PE	AGGREGATE	3.6	6.30	8.64	6	10.73		11.19		44.70			5.36		
STA 14+217.800	RT	PE	AGGREGATE	3.6	6.30	8.64	6	10.73		11.19		44.70			5.36		
STA 14+221.800	LT	CE	AGGREGATE	7.2	6.30	8.64	6		49.10	22.39	73.65	17.19	0.074	5.89			
STA 14+234.800	RT	PE	AGGREGATE	3.6	6.30	8.64	6	10.73		11.19		44.70			5.36		
STA 14+242.400	LT	CE	BITUMINOUS	10.0	6.30	8.64	6		150.59		225.89	52.71	0.226	18.07			
STA 14+308.900	LT	CE	BITUMINOUS	10.6	6.30	8.64	6		159.19		238.78	55.72	0.239	19.10			
STA 14+447.300	LT	CE	BITUMINOUS	7.2	6.30	8.64	6 & 3.4		109.52		164.28	38.33	0.164	13.14			
STA 14+447.300	RT	CE	CONC/AGG	10.6	6.30	8.64	6			32.96							85.83
STA 14+461.300	LT	CE	AGGREGATE	7.2	6.30	8.64	3.4 & 6		47.31	22.18	70.97	16.56	0.071	5.68			
STA 14+553.800	LT	PE	AGGREGATE	5.6	6.30	8.64	6	14.62		17.41		60.90			7.31		
STA 14+600.800	LT	PE	BITUMINOUS	5.6	6.30	8.64	6	32.03				133.45			16.01		
STA 14+629.900	RT	PE	BITUMINOUS	5.0	6.30	8.64	6									93.74	
STA 14+630.300	LT	CE	AGGREGATE	7.2	6.30	8.64	6		49.24	22.39	73.86	17.23	0.074	5.91			
STA 14+659.300	LT	PE	AGGREGATE	3.6	6.30	8.64	6	10.73		11.19		44.70			5.36		
STA 14+664.800	RT	PE	BIT/CONC	5.6	6.30	8.64	6									102.70	
STA 14+696.800	RT	PE	AGGREGATE	5.6	6.30	8.64	6	14.62		17.41		60.90			7.31		
STA 14+711.600	LT	CE	CONCRETE	7.2	6.30	8.64	6										126.60
STA 14+725.800	RT	PE	BITUMINOUS	3.6	6.30	8.64	6	21.92				91.34			10.96		
STA 14+756.800	LT	PE	AGGREGATE	3.6	6.30	8.64	6 & 5	10.80		11.19		44.98			5.40		

CONTINUED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RURAL ENTRANCE SCHEDULE

SCALE NO SCALE DRAWN BY KOJ

DATE APRIL 18, 2008 CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70842_ent_r2.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	45
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

RURAL ENTRANCE SCHEDULE - CONTINUED

LOCATION				WIDTH	LENGTH		RADIUS	AGGREGATE BASE COURSE, TYPE B	HOT-MIX ASPHALT BASE COURSE	AGGREGATE SURFACE COURSE, TYPE B	BITUMINOUS MATERIALS (PRIME COAT)		AGGREGATE (PRIME COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING		PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT	
											PRIOR TO BINDER/BASE COURSE	PRIOR TO SURFACE COURSE					
								150MM	200MM	150MM				50MM	75MM	150 MM	200 MM
STATION	LT/RT	TYPE	EXISTING MATERIAL	W1	L1	L2		M3511010	M3550500	M4021010	M4080100		M4080300	M4080500		M4230150	M4230200
				METER	METER	METER	METER	M TON	SQ. M	M TON	LITER	LITER	M TON	M TON	M TON	SQ. M	SQ. M
STA 14+763.300	RT	PE	BITUMINOUS	5.0	6.30	8.64	6	29.00				120.82			14.50		
STA 14+770.800	LT	PE	AGGREGATE	4.2	6.30	8.64	5 & 6	11.96		13.06		49.84			5.98		
STA 14+803.300	LT	PE	AGGREGATE	3.6	6.30	8.64	6	10.73		11.19		44.70			5.36		
STA 14+861.800	RT	PE	AGGREGATE	3.6	6.30	8.64	6	10.73		11.19		44.70			5.36		
STA 14+886.300	RT	PE	AGGREGATE	3.6	6.30	8.64	6	10.73		11.19		44.70			5.36		
STA 14+926.300	LT	PE	BITUMINOUS	3.6	6.30	8.64	6	21.92				91.34			10.96		
STA 14+926.300	RT	FE	DIRT	3.6	6.30	8.64	6			17.52							
STA 14+981.900	LT	PE	AGGREGATE	3.6	6.30	8.64	6	10.73		11.19		44.70			5.36		
STA 15+062.400	LT	ROAD	OIL & CHIP	See Plans	15.30	6.35	15		256.21		384.31	89.67	0.384	30.74			
STA 15+062.400	RT	ROAD	BITUMINOUS	See Plans	15.30	6.35	15		258.07		387.11	90.32	0.387	30.97			
STA 15+232.300	LT	CE	AGGREGATE	10.6	6.30	8.64	6		67.60	32.96	101.40	23.66	0.101	8.11			
STA 15+321.000	LT	CE	CONC/AGG	10.6	6.30	8.64	6										177.38
STA 15+353.800	LT	CE	AGGREGATE	4.3	6.30	8.64	6		33.58	13.37	50.37	11.75	0.050	4.03			
STA 15+450.800	RT	PE	AGGREGATE	7.2	6.30	4.07	6	17.73		10.54		73.86			8.86		
STA 15+454.800	LT	CE	CONC/AGG	10.6	6.30	8.64	6			32.96							85.83
STA 15+509.800	LT	CE	AGGREGATE	10.6	6.30	8.64	6			32.96							85.83
STA 15+511.800	RT	PE	AGGREGATE	4.0	6.30	8.64	6	11.51		12.44		47.94			5.75		
URBAN																	
STA 15+595.800	LT	PE	AGGREGATE	7.2	6.30	8.64	6	17.73		22.39		73.86			8.86		
STA 15+660.800	LT	CE	BITUMINOUS	7.2	6.30	5.59	6		89.49		134.23	31.32	0.134	10.74			
STA 15+661.300	RT	ROAD	OIL & CHIP	5.8	9.30	2.60	9		109.19		163.78	38.21	0.164	13.10			
STA 15+723.100	RT	PE	BITUMINOUS	6.0	6.30	8.64	6	34.05				141.87			17.02		
STA 15+773.300	RT	ROAD	OIL & CHIP	5.9	9.30	2.35	9		114.80		172.20	40.18	0.172	13.78			
STA 15+870.300	RT	PE	AGGREGATE	3.6	6.30	8.64	6	10.73		11.19		44.70			5.36		
STA 15+871.400	LT	ROAD	AGGREGATE	3.6	9.30	2.59	9	20.45		3.36		85.21			10.22		
STA 15+890.000	LT	PE	AGGREGATE	3.6	6.30	22.41	6	10.73		29.04		44.70			5.36		
STA 15+916.600	RT	PE	BITUMINOUS	3.6	6.30	8.64	6	21.92				91.34			10.96		
STA 15+931.300	RT	PE	BITUMINOUS	3.6	6.30	8.64	6	21.92				91.34			10.96		
STA 15+960.300	LT	PE	BIT/AGGREGATE	10.3	6.30	8.64	6	55.78				232.41			27.89		
TOTALS								1,775.69	7,435.98	2,563.11	11,153.97	10,001.31	11.15	892.32	883.88	332.30	1,757.84
TOTALS ROUNDED FOR SUMMARY SHEET								1,776	7,436	2,564	21,156		12	1,777		333	1,758

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70842_ent_r-2.dgn

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RURAL ENTRANCE SCHEDULE

SCALE NO SCALE DRAWN BY KOJ
DATE APRIL 18, 2008 CHECKED BY RGH

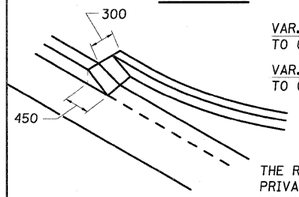
H. M. & G. NO. 4420

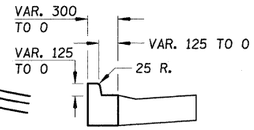
CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	46
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

TYPICAL ENTRANCE SCHEDULE

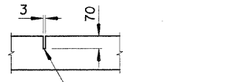
DETAIL A



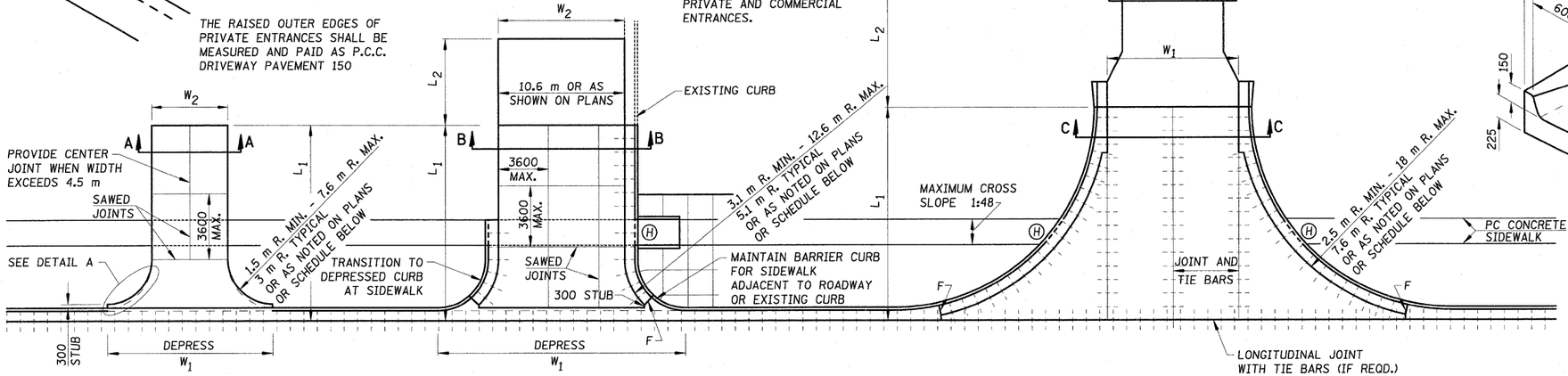


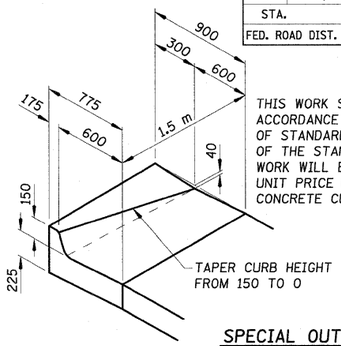
THE RAISED OUTER EDGES OF PRIVATE ENTRANCES SHALL BE MEASURED AND PAID AS P.C.C. DRIVEWAY PAVEMENT 150

DETAIL SAW JOINT



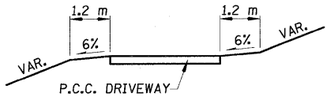
NOTE: MAINTAIN SIDEWALK CROSS SLOPE THROUGH ALL PRIVATE AND COMMERCIAL ENTRANCES.



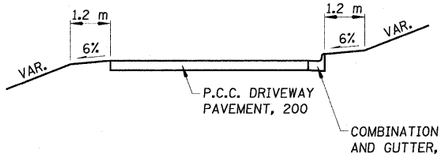


THIS WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH APPLICABLE PORTIONS OF STANDARD 606001 AND SECTION 606 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER METER FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.60

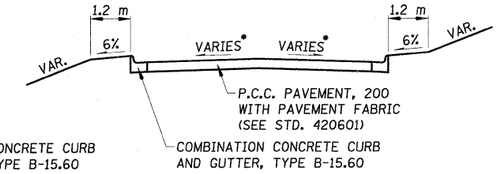
SPECIAL OUTLET FOR COMBINATION CURB AND GUTTER TYPE B-15.60



SECTION A-A

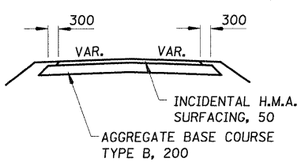


SECTION B-B



SECTION C-C

- SEE INTERSECTION DETAILS



SECTION G-G

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN
- OMIT TIE BARS WITHIN 4.5 m OF MAINLINE PAVEMENT CONTRACTION JOINT OCCURRING WITHIN LIMITS OF ENTRANCES AND RADIUS RETURNS.
- CONTRACTION JOINTS IN MAINLINE PAVEMENT SHALL EXTEND THRU ENTRANCES AND RADIUS RETURNS. SAWED JOINTS SHALL BE ADJUSTED ACCORDINGLY.
- F = 25 PREFORMED EXPANSION JOINT FILLER.
- WHEN PAVEMENT IS CONSTRUCTED MONOLITHICALLY, THE JOINTS SHALL BE SAWED JOINTS WITH TIE BARS. WHEN CONSTRUCTED OTHERWISE, THE JOINTS SHALL BE LONGITUDINAL JOINTS WITH TIE BARS AND KEYWAY.
- DEPRESSED CURB & GUTTER THROUGH COMERCIAL ENTRANCES SHALL BE PAID FOR AS DRIVEWAY PAVEMENT.
- DEPRESSED CURB AND GUTTER THROUGH PRIVATE ENTRANCES SHALL BE PAID FOR AS CURB AND GUTTER

URBAN ENTRANCE SCHEDULE

STATION	LT/RT	TYPE	L1	L2	W1	W2	RADIUS	AGGREGATE BASE COURSE, TYPE B 200 MM	AGGREGATE SURFACE COURSE, TYPE B 150 MM	BITUMINOUS MATERIALS (PRIME COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING 50 MM	PORTLAND CEMENT CONCRETE PAVEMENT 200 MM	PAVEMENT FABRIC	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 150 MM	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 200 MM
								M3511010	M4021010	M4080100	M4080500	M4200200	M4205100	M4230150	M4230200
			METER	METER	METER	METER	METER	M TON	M TON	LITER	M TON	SQ M	SQ M	SQ M	SQ M
STA 2+767.5	LT	STREET	7.8	10.7	6.0	6.0	7.6	3.1		96.3	7.7	70.7	70.7	.	.
STA 2+789.5	LT	PE	5.1		8.2	3.6	3.0 & 0.6	.			.	.	.	20.4	.
STA 2+796.4	LT	PE	5.1		8.2	3.6	0.6 & 3.0	.			.	.	.	20.5	.
STA 2+815.8	LT	PE	5.1		10.5	4.5	3.0	.			.	.	.	25.1	.
STA 2+852.6	LT	PE	5.1		11.2	5.2	3.0	.			.	.	.	28.1	.
STA 2+852.9	RT	CE	5.1		20.8	10.6	5.1	.			.	.	.	.	76.7
STA 2+892.1	LT	STREET	9.3	25.7	7.8	6.0	7.6	8.6		268.0	21.4	96.4	96.4	.	.
STA 2+934.5	LT	PE	5.1		11.2	5.2	3.0	.			.	.	.	28.2	.
STA 2+937.7	RT	CE	5.1		19.3	9.1	5.1	.			.	.	.	.	69.3
STA 2+977.3	LT	STREET	7.8	13.2	7.8	5.0	7.6	4.1		129.5	10.4	84.7	84.7	.	.
STA 2+989.5	RT	CE	5.7		39.2	13.9	17.0	.			.	.	.	.	144.1
STA 3+122.6	LT	STREET	8.2	12.8	7.8	6.2	7.6	2.2		69.8	5.6	136.2	136.2	.	.
STA 3+122.6	RT	STREET	16.3	9.7	7.8	8.8	7.6	3.5		109.9	8.8	159.6	159.6	.	.
STA 3+163.8	RT	CE	5.1		17.4	7.2	5.1	.			.	.	.	.	59.4
STA 3+163.9	LT	PE	5.1		9.6	3.6	3.0	.			.	.	.	21.2	.
STA 3+176.0	LT	CE	5.1		14.5	4.3	5.1	.			.	.	.	.	44.6
STA 3+211.3	LT	STREET	8.7	7.6	7.8	6.1	7.6	2.6		82.5	6.6	89.4	89.4	.	.
STA 3+211.3	RT	STREET	7.8	13.2	7.8	5.7	7.6	4.3		135.9	10.9	84.7	84.7	.	.
STA 3+252.2	LT	PE	5.1		9.6	3.6	3.0	.			.	.	.	21.2	.
STA 3+255.1	RT	PE	5.1		9.6	3.6	3.0	.			.	.	.	21.2	.
STA 3+269.4	LT	PE	5.1		9.6	3.6	3.0	.			.	.	.	21.2	.
STA 3+298.2	LT	STREET	8.4	12.6	7.8	6.0	7.6	4.3		134.9	10.8	89.4	89.4	.	.
STA 3+298.2	RT	STREET	8.1	15.9	7.8	8.2	7.6	6.4		200.4	16.0	87.1	87.1	.	.
JACKSON ST. STA 10+019.3	LT	CE	6.0		10.8	7.2	3.6	.			.	.	.	.	52.6

CONTINUED ON NEXT SHEET

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

URBAN ENTRANCE DETAILS AND SCHEDULE

SCALE NO SCALE DRAWN BY KOJ

DATE APRIL 18, 2008 CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70046_ent_ui.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	47
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

URBAN ENTRANCE SCHEDULE (CONTINUED)

STATION	LT/RT	TYPE	L1	L2	W1	W2	RADIUS	AGGREGATE BASE COURSE, TYPE B	AGGREGATE SURFACE COURSE, TYPE B	BITUMINOUS MATERIALS (PRIME COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING	PORTLAND CEMENT CONCRETE PAVEMENT	PAVEMENT FABRIC	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT	
								200 MM	150 MM		50 MM	200 MM		150 MM	200 MM
								M3511010	M4021010	M4080100	M4080500	M4200200	M4205100	M4230150	M4230200
			METER	METER	METER	METER	METER	M TON	M TON	LITER	M TON	SQ M	SQ M	SQ M	SQ M
STA 3+317.8	RT	CE	5.6		16.2	6.0	5.1	.			.	.	.	.	82.0
STA 3+334.0	RT	CE	5.6		14.8	6.0	5.1 & 3.7	.			.	.	.	.	68.2
STA 3+345.5	RT	PE	5.1		9.6	3.6	3.0	.			.	.	.	21.2	.
STA 3+354.5	LT	PE	5.1		9.6	3.6	3.0	.			.	.	.	21.2	.
STA 3+385.05	LT	STREET	16.0		7.9		7.6 & 5.7	.			.	155.8	155.8	.	.
STA 3+385.225	RT	CE	5.1	1.5	16.2	6.0	5.1	.			.	.	.	.	62.2
STA 3+415.6	RT	CE	3.7	1.0	13.6	7.2	3.2	.			.	.	.	.	56.4
STA 3+433.4	RT	CE	3.7	1.0	17.0	10.6	3.2	.			.	.	.	.	71.2
STA 3+437.3	LT	CE	3.2		15.3	8.9	3.2	.			.	.	.	.	39.7
STA 3+452.2	RT	CE	3.7	1.0	13.0	6.6	3.2	.			.	.	.	.	56.7
ADAMS ST. STA 10+016.2	RT	CE	4.0		13.4	9.2	2.1	.			.	.	.	.	48.1
STA 3+472.4	RT	STREET	17.6	1.5	7.8	7.8	5.7	0.6		17.6	1.4	145.5	145.5	.	.
ADAMS ST. STA 10+015.1	LT	CE	2.9		11.2	7.0	2.1	.			.	.	.	.	28.2
STA 3+483.0	LT	CE	3.2		14.2	7.8	3.2	.			.	.	.	.	36.2
STA 3+493.7	RT	CE	3.7	1.0	13.6	7.2	3.2	.			.	.	.	.	62.3
STA 3+504.6	LT	CE	3.2		15.8	9.4	3.2	.			.	.	.	.	41.3
STA 3+529.7	RT	CE	4.6		10.0	4.2	3.2	.			.	.	.	.	29.7
STA 3+572.156	RT	STREET	9.3	1.5	8.8	8.8	3.2	0.6		19.8	1.6	85.7	85.7	.	.
STA 3+572.7	LT	STREET	14.6	1.5	8.0	8.0	3.2	0.6		18.0	1.4	120.7	120.7	.	.
STA 3+659.2	LT	STREET	7.6	6.5	7.8	7.0	5.7	2.3		73.2	5.9	72.5	72.5	.	.
STA 3+659.2	RT	STREET	11.1	3.0	7.8	6.1	3.1	1.0		31.4	2.5	90.2	90.2	.	.
GARFIELD ST. STA 10+016.225	LT	CE	3.0		10.3	8.2	2.1	.			.	.	.	.	28.9
STA 3+681.85	RT	CE	3.7	1.0	17.0	10.6	3.2	.			.	.	.	.	75.2
STA 3+696.3	RT	CE	3.7	1.0	11.9	5.5	3.2	.			.	.	.	.	44.1
STA 3+708.2	RT	CE	3.7	1.0	11.9	5.5	3.2	.			.	.	.	.	32.2
GRANT ST. STA 10+014.7	RT	CE	3.6		9.7	5.5	2.1	.			.	.	.	.	28.2
STA 3+745.8	LT	STREET	12.4	4.6	7.8	5.7	5.7 & 7.6	1.5		46.7	3.7	126.2	126.2	.	.
STA 3+746.0	RT	STREET	16.0	5.0	7.8	6.2	5.7 & 7.6	1.7		54.3	4.3	153.0	153.0	.	.
STA 3+790.1	RT	CE	5.1		14.1	3.9	5.1	.			.	.	.	.	42.5
STA 3+806.1	RT	PE	5.1		9.6	3.6	3.0	.			.	.	.	21.2	.
STA 3+822.6	RT	PE	5.1		9.6	3.6	3.0	.			.	.	.	21.2	.
HARRISON ST. STA 9+975.225	RT	CE	6.1		13.5	3.6	4.0	.			.	.	.	.	49.5
STA 3+832.3	LT	STREET	16.0	20.0	7.8	6.6	7.6	7.9		248.0	19.8	148.7	148.7	.	.
STA 3+882.2	RT	PE	5.1		9.6	3.6	3.0	.			.	.	.	21.2	.
STA 3+887.9	LT	PE	5.1		9.6	3.6	3.0	.			.	.	.	21.2	.
STA 3+892.5	RT	PE	5.1		9.6	3.6	3.0	.			.	.	.	21.2	.
STA 3+906.322	LT	CE	5.1	2.0	7.9	3.0	3.0	.			.	.	.	.	33.7
STA 3+919.0	LT	STREET	8.2	7.6	7.8	6.0	7.6	2.7		82.9	6.6	87.9	87.9	.	.
STA 3+919.0	RT	STREET	8.2	7.8	7.8	6.5	7.6	2.7		84.9	6.8	87.9	87.9	.	.
STA 3+943.9	RT	PE	6.5		9.6	3.6	3.0	.			.	.	.	26.3	.
STA 3+979.7	LT	CE	6.5		19.6	9.4	5.1	.			.	.	.	.	85.9
STA 3+984.0	RT	PE	5.1		7.6	3.6	3 & 0.6	.			.	.	.	20.2	.
STA 3+989.5	RT	PE	5.1		7.6	3.6	0.6 & 3	.			.	.	.	20.2	.
STA 4+030.3	LT	CE	6.5		19.6	9.4	5.1	.			.	.	.	.	85.9
STA 4+039.7	RT	PE	5.1		9.6	3.6	3.0	.			.	.	.	21.2	.
STA 4+072.0	LT	PE	5.1		9.6	3.6	3.0	.			.	.	.	21.2	.
STA 4+075.6	RT	PE	5.1		9.6	3.6	3.0	.			.	.	.	21.2	.
STA 4+098.5	LT	PE	5.3		11.9	5.9	3.0	.			.	.	.	32.1	.
STA 4+112.2	RT	PE	5.1		8.0	3.6	3.0	.			.	.	.	21.2	.
STA 4+119.600	LT	PE	5.3		8.0	3.6	3 & 0.6	.			.	.	.	21.1	.
STA 4+126.700	LT	PE	5.3		9.4	5.0	0.6 & 3	.			.	.	.	27.3	.
STA 4+155.800	RT	STREET	8.2	7.8	6.8	6.2	7.6	24.6		76.9	6.1	79.7	79.7	.	.
STA 4+168.500	LT	PE	5.3		10.3	4.3	3.0	.			.	.	.	25.0	.
STA 4+189.800	LT	PE	5.3		10.4	4.4	3.0	.			.	.	.	25.4	.
STA 4+202.500	RT	PE	5.4		9.6	3.6	3.0	.			.	.	.	22.3	.
STA 4+220.500	LT	PE	5.4		11.3	5.3	3.0	.			.	.	.	29.9	.
STA 4+223.200	RT	PE	8.1		9.6	3.6	3.0	.			.	.	.	32.0	.
STA 4+257.700	RT	PE	7.0		9.7	3.7	3.0	.			.	.	.	32.0	.
STA 4+292.6	RT	PE	8.1		9.8	3.8	3.0	.			.	.	.	33.5	.
STA 4+307.000	LT	CE	5.1		18.2	8.6	5.1 & 4.5	.			.	.	.	.	65.0
STA 4+309.100	RT	PE	5.1		9.6	3.6	3.0	.			.	.	.	21.2	.
STA 4+323.7	LT	CE	5.1		16.4	6.8	4.5 & 5.1	.			.	.	.	.	55.8
STA 4+337.600	LT	PE	5.1		11.0	5.0	3.0	.			.	.	.	27.3	.
STA 4+374.000	RT	CE	5.1		18.2	8.0	5.1	.			.	.	.	.	63.6
STA 4+374.100	LT	PE	5.1		9.6	3.6	3.0	.			.	.	.	21.3	.
STA 4+391.900	LT	CE	11.6		19.0	8.8	5.1	.			.	.	.	.	134.8
STA 4+432.100	LT	CE	11.6		19.0	8.8	5.1	.			.	.	.	.	135.2
STA 4+441.500	RT	CE	5.1	8.0	16.2	6.0	5.1	.	16.4		.	.	.	.	53.6
STA 4+452.600	LT	CE	11.6		21.0	7.8	6.6	.			.	.	.	.	132.4
STA 4+461.700	RT	CE	5.1	9.2	16.2	6.0	5.1	.	26.3		.	.	.	.	53.3
TOTALS								85.5	42.7	1980.8	158.5	2251.9	2251.9	857.7	2328.7
TOTALS ROUNDED FOR SUMMARY SHEET								86	43	1981	159	2252	2252	858	2329

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

URBAN ENTRANCE SCHEDULE

SCALE NO SCALE DRAWN BY KOJ

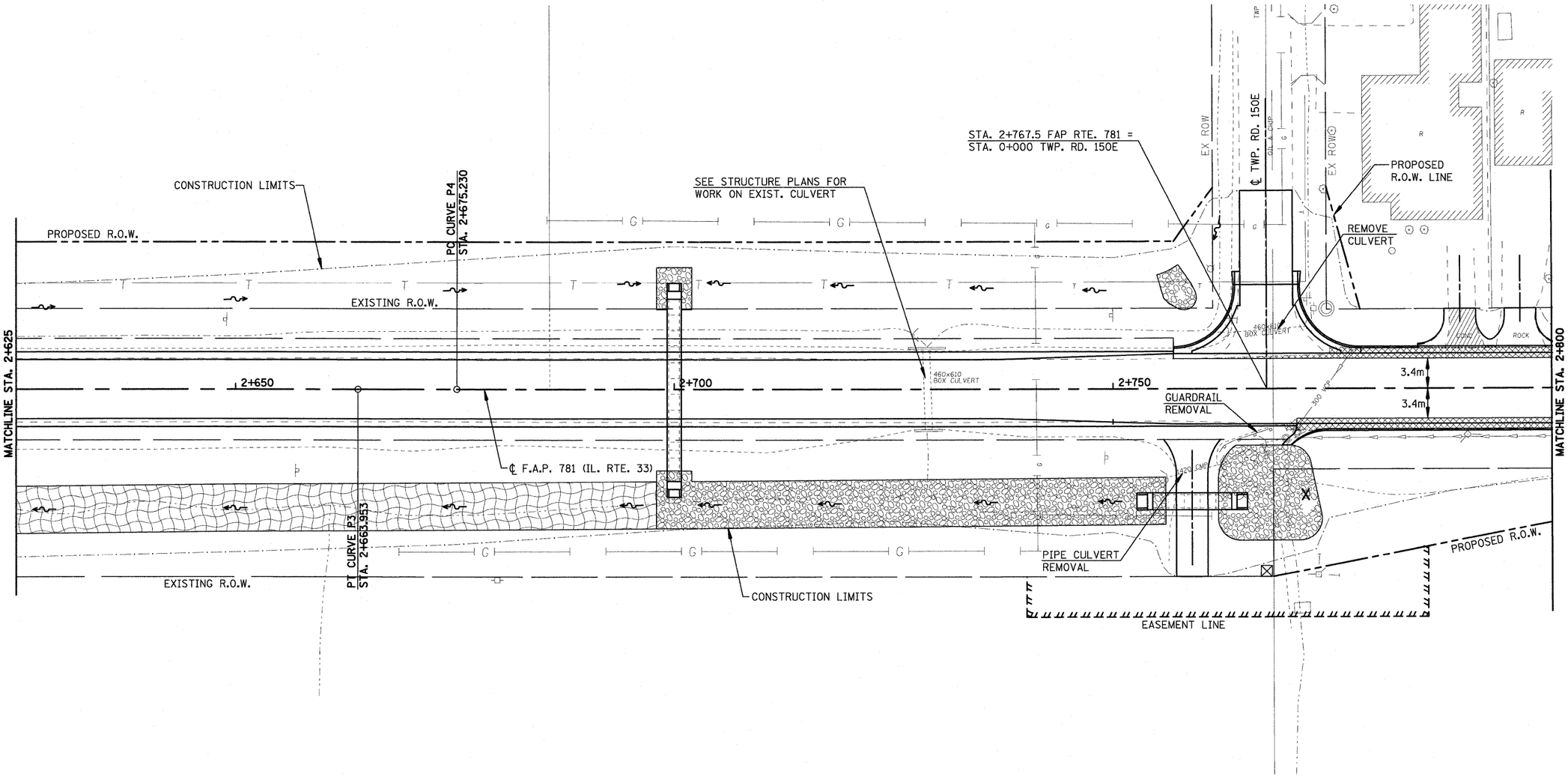
DATE APRIL 18, 2008 CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70846.ent.ui.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	48
STA. 2+625		TO STA. 2+800		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- Ⓗ HANDICAP RAMP

N

SCALE IN METERS

0 5 10 15

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL ITEMS

SCALE

DATE APRIL 18, 2008

DRAWN BY EDW

CHECKED BY RGH

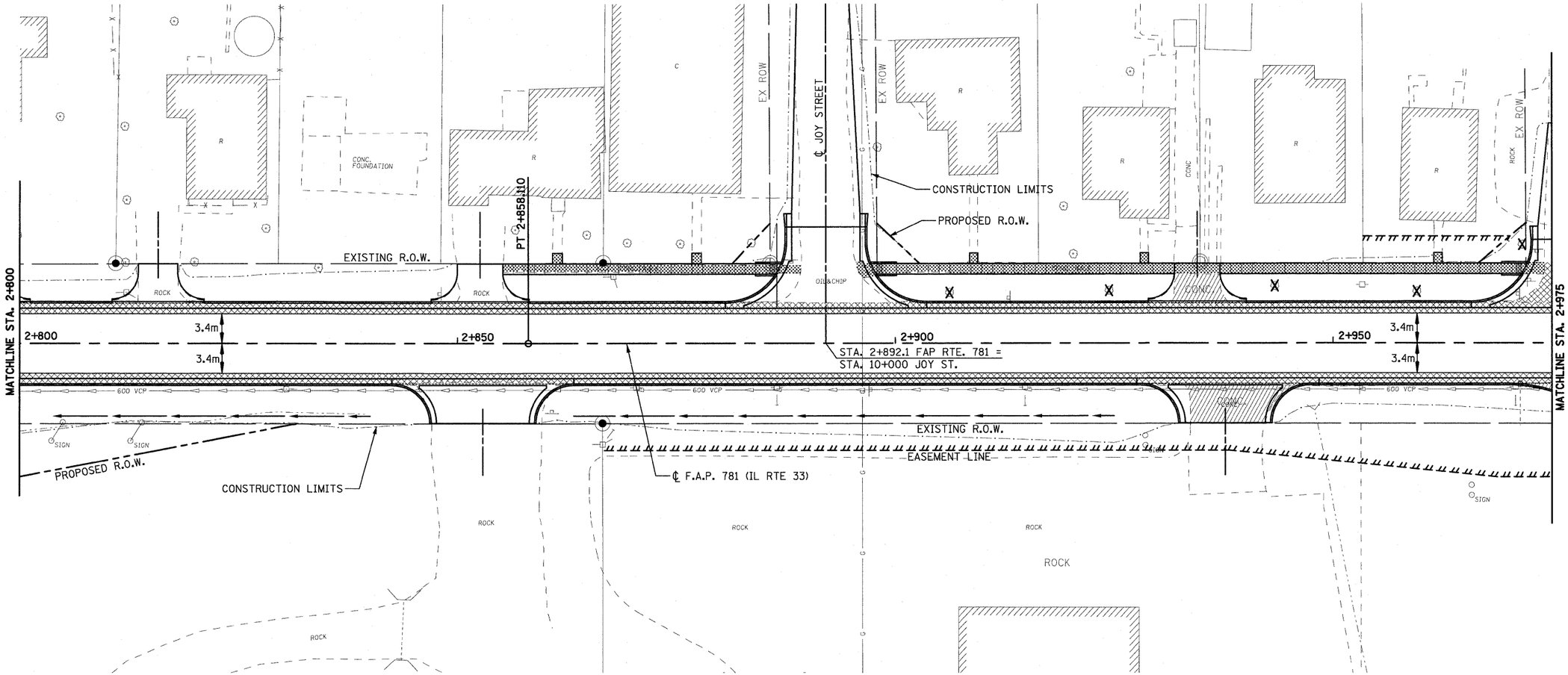
H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70048.REM250.01.dgn

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	49
STA. 2+800		TO STA. 2+975		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)

N

SCALE IN METERS

0 5 10 15

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL ITEMS

SCALE

DRAWN BY EDW

DATE APRIL 18, 2008

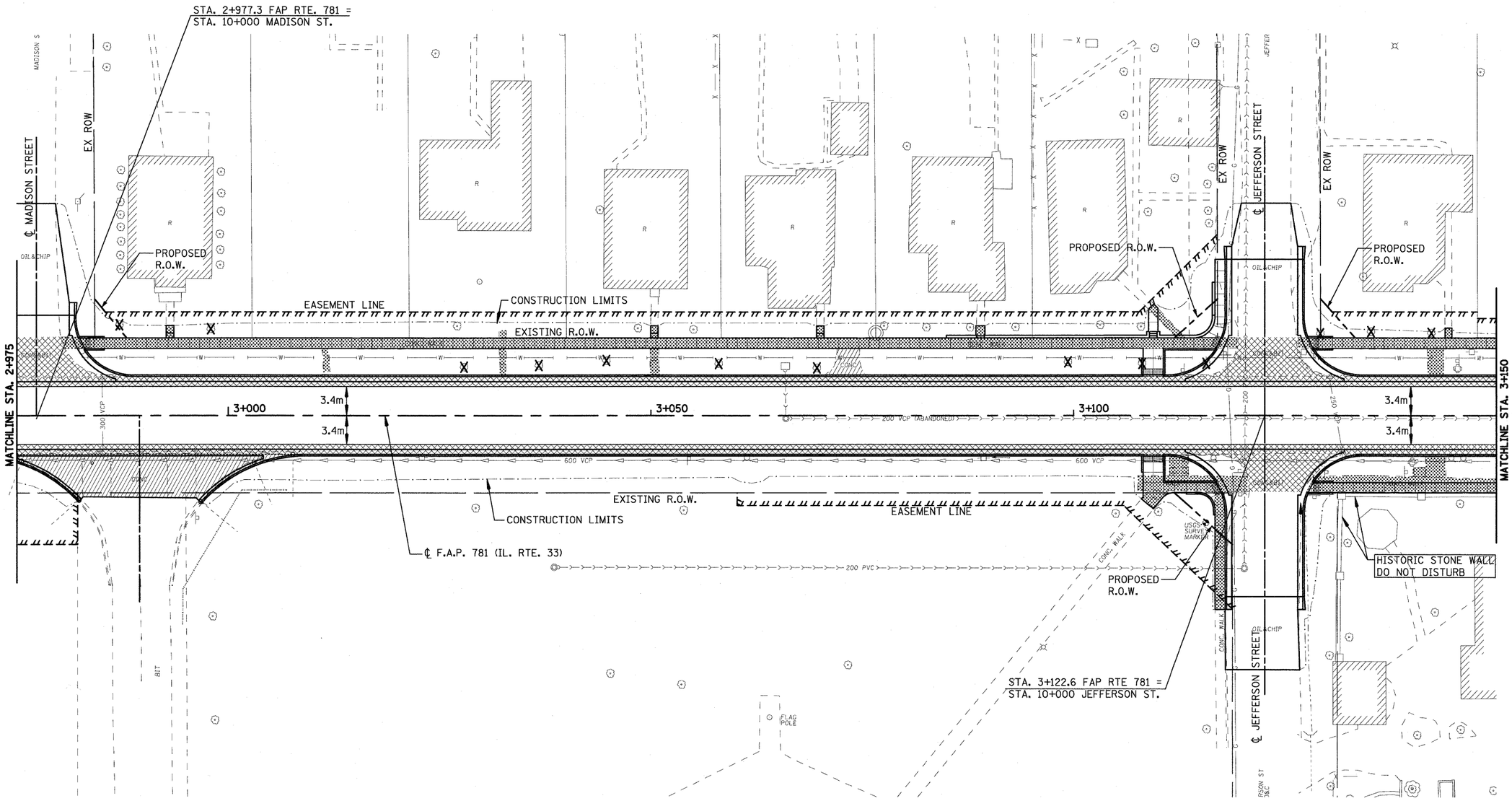
CHECKED BY RCH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70049.REM250.02.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	50
STA. 2+975		TO STA. 3+150		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)

N

SCALE IN METERS

0 5 10 15

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL ITEMS

SCALE

DRAWN BY EDW

DATE APRIL 18, 2008

CHECKED BY RGH

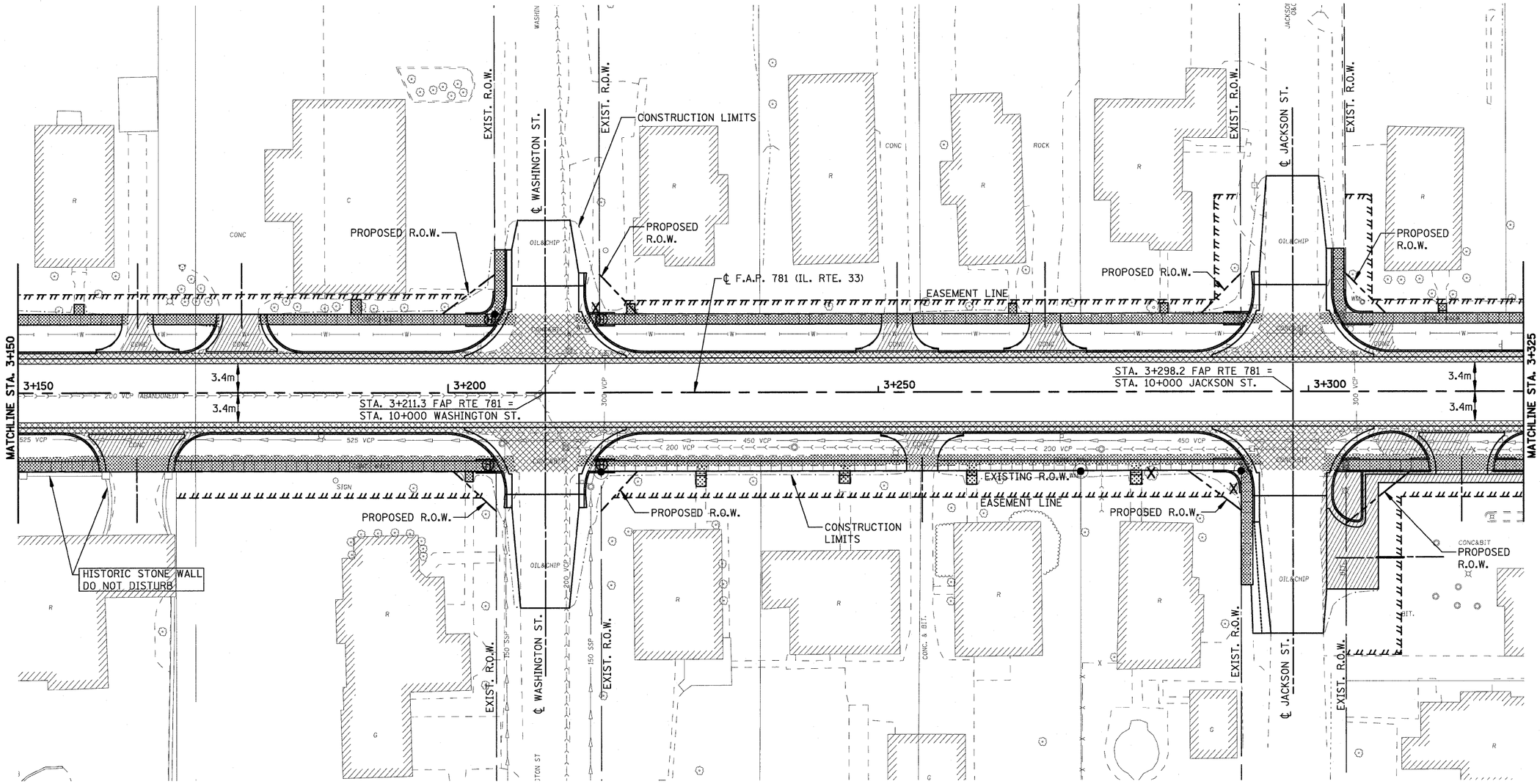
H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70050_REM250_03.dgn

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	51
STA. 3+150		TO STA. 3+325		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)

N

SCALE IN METERS

0 5 10 15

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL ITEMS

SCALE

DATE APRIL 18, 2008

DRAWN BY EDW

CHECKED BY RGH

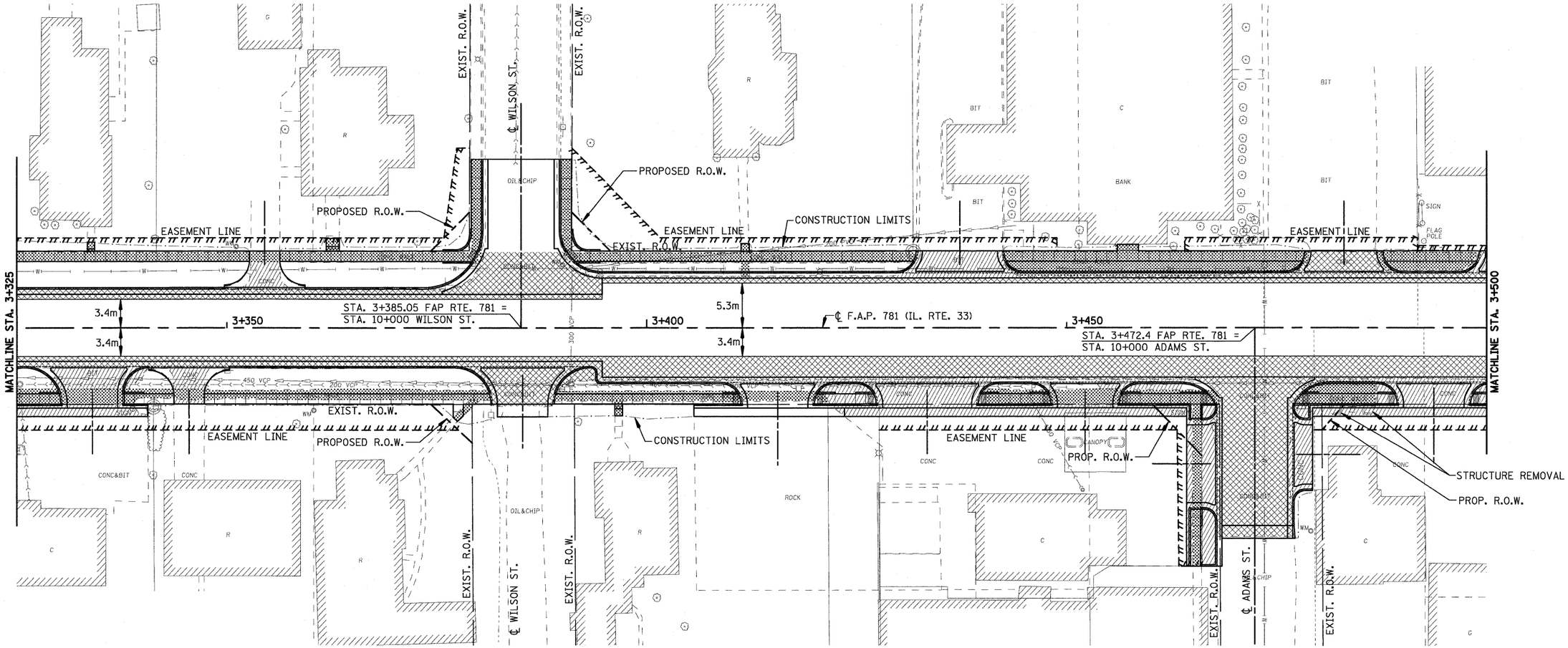
H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70051_REM250_04.dgn

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	52
STA. 3+325		TO STA. 3+500		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- Ⓗ HANDICAP RAMP

N

SCALE IN METERS

0 5 10 15

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL ITEMS

SCALE

DATE APRIL 18, 2008

DRAWN BY EDW

CHECKED BY RGH

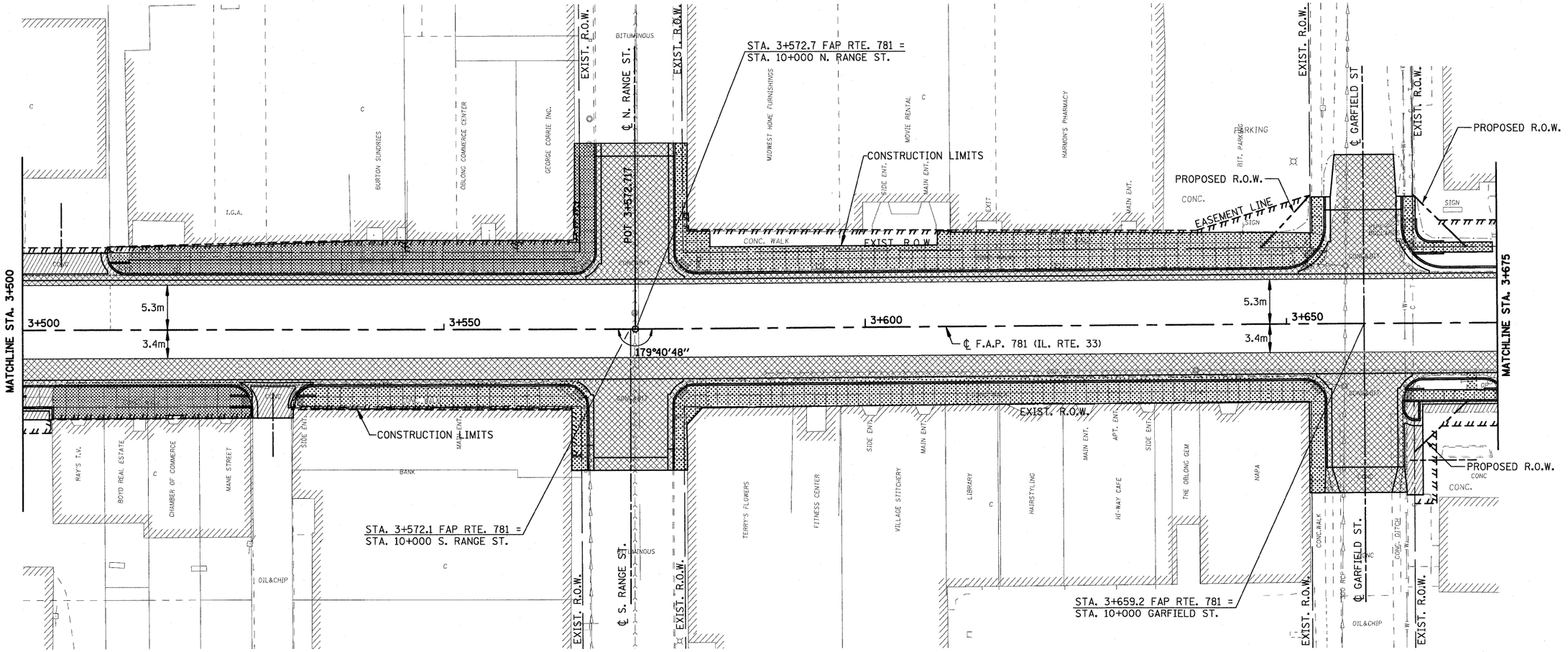
H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70052_REM250_05.dgn

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	53
STA. 3+500		TO STA. 3+675		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)

N

SCALE IN METERS

0 5 10 15

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL ITEMS

SCALE

DATE APRIL 18, 2008

DRAWN BY EDW

CHECKED BY RGH

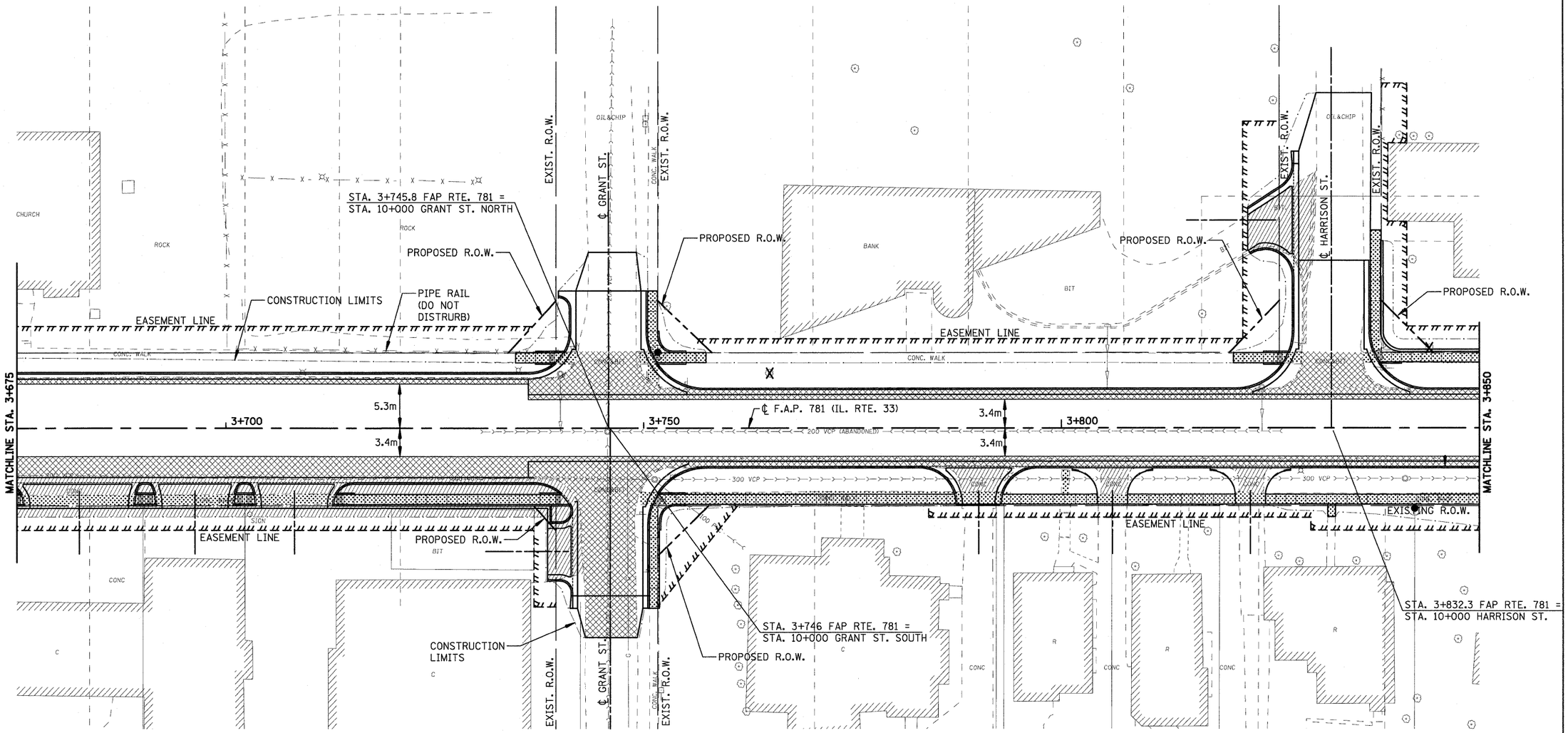
H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70053-REM250.06.dgn

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	54
STA. 3+675		TO STA. 3+850		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)

N

SCALE IN METERS

0 5 10 15

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL ITEMS

SCALE

DRAWN BY EDW

DATE APRIL 18, 2008

CHECKED BY RGH

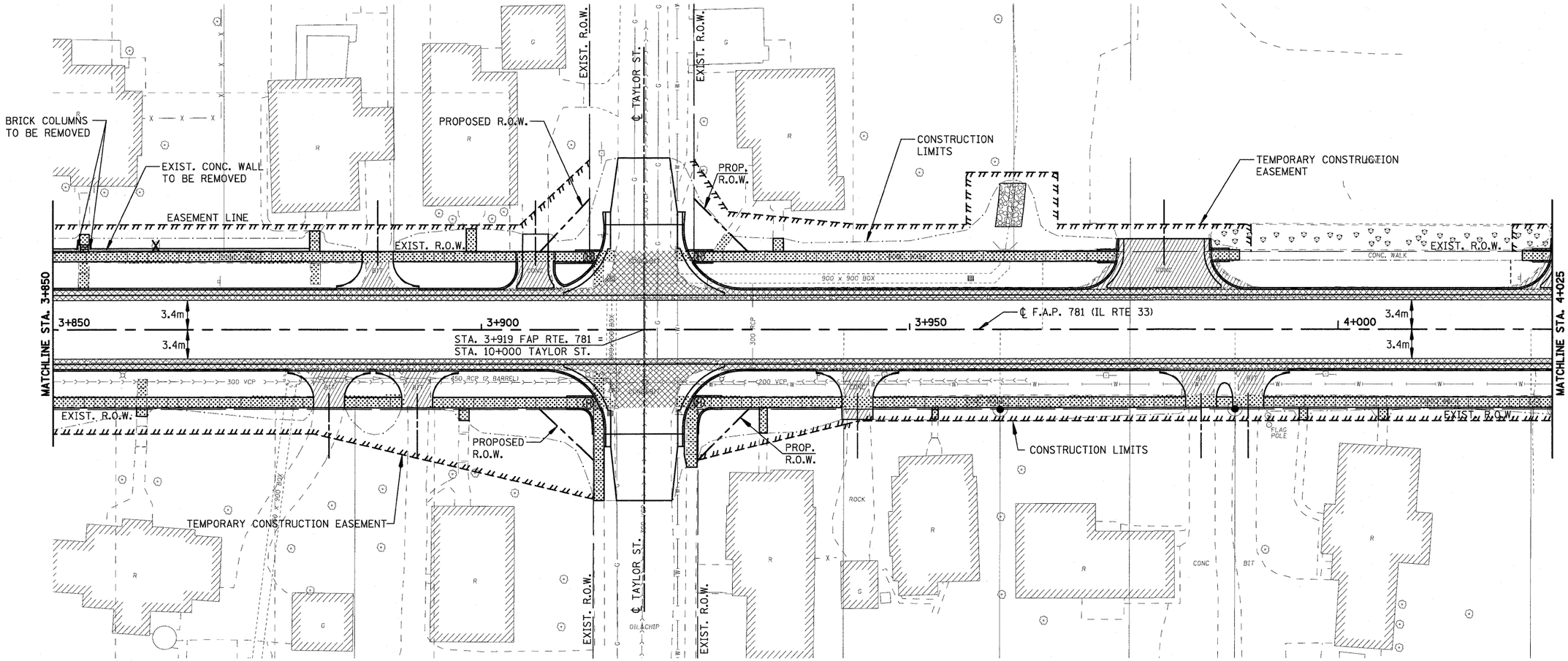
H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70054_REM250.07.dgn

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	55
STA. 3+850		TO STA. 4+025		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)

N

SCALE IN METERS

0 5 10 15

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL ITEMS

SCALE

DRAWN BY EDW

DATE APRIL 18, 2008

CHECKED BY RGH

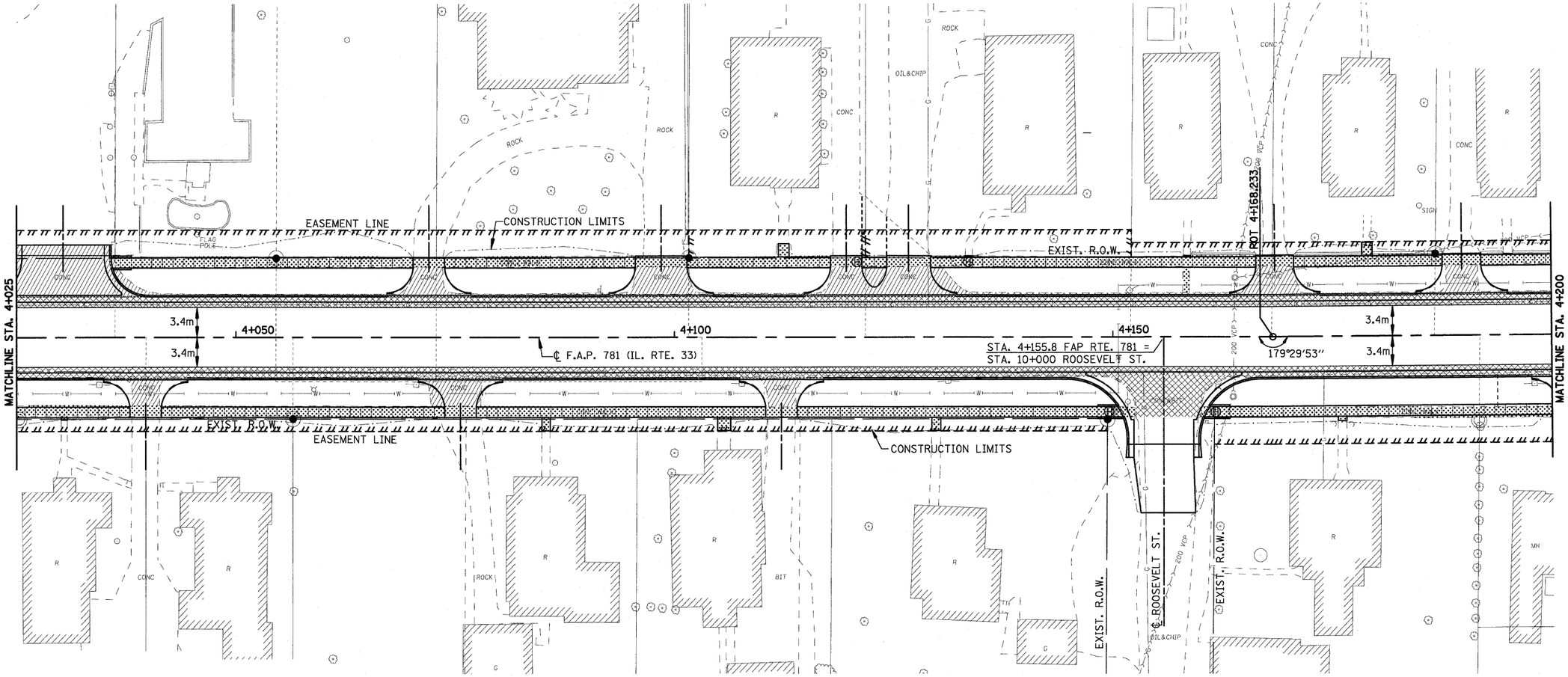
H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70255.REM250.08.dgn

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	56
STA. 4+025		TO STA. 4+200		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)

N

SCALE IN METERS

0 5 10 15

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL ITEMS

SCALE

DRAWN BY EDW

DATE APRIL 18, 2008

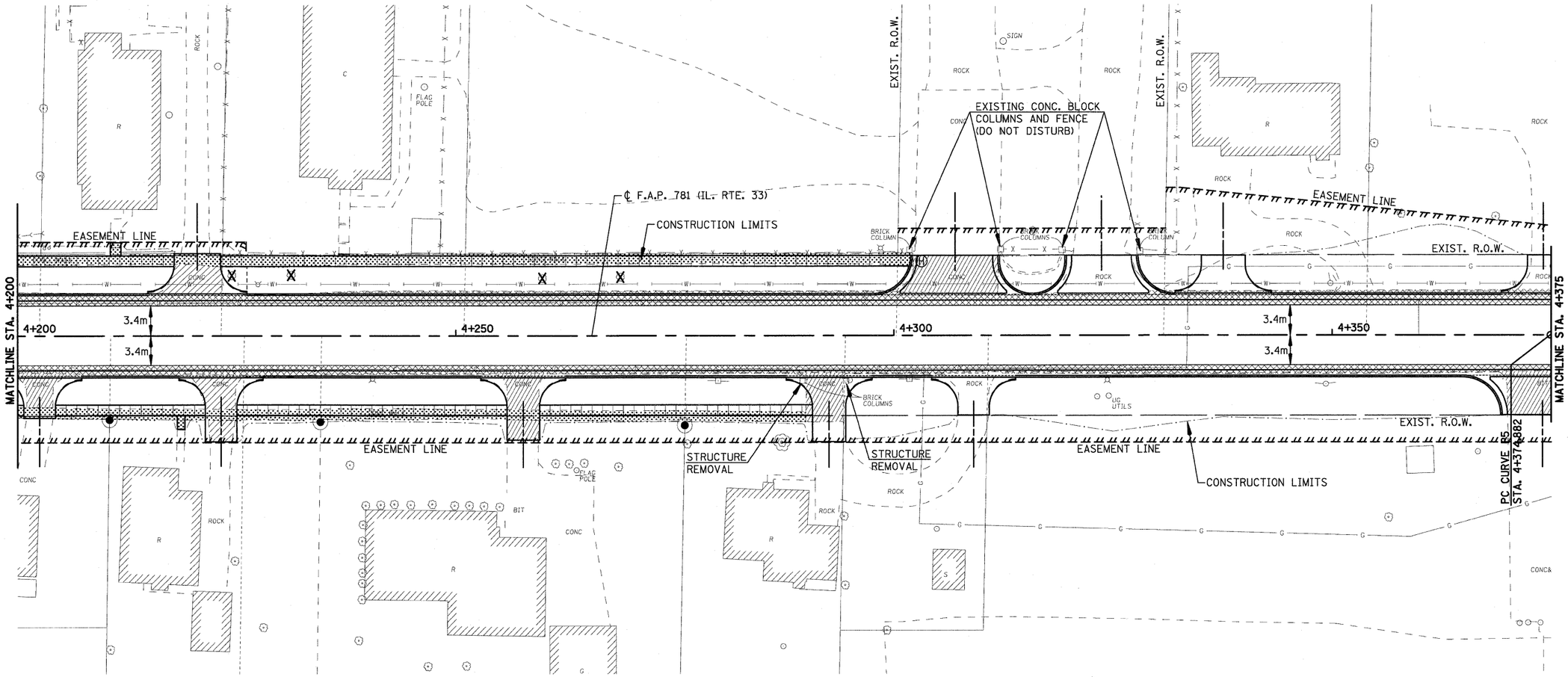
CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70056_REM250_09.dgn

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	57
STA. 4+200		TO STA. 4+375		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)

N

SCALE IN METERS
0 5 10 15

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL ITEMS

SCALE
DATE APRIL 18, 2008
DRAWN BY EDW
CHECKED BY RGH

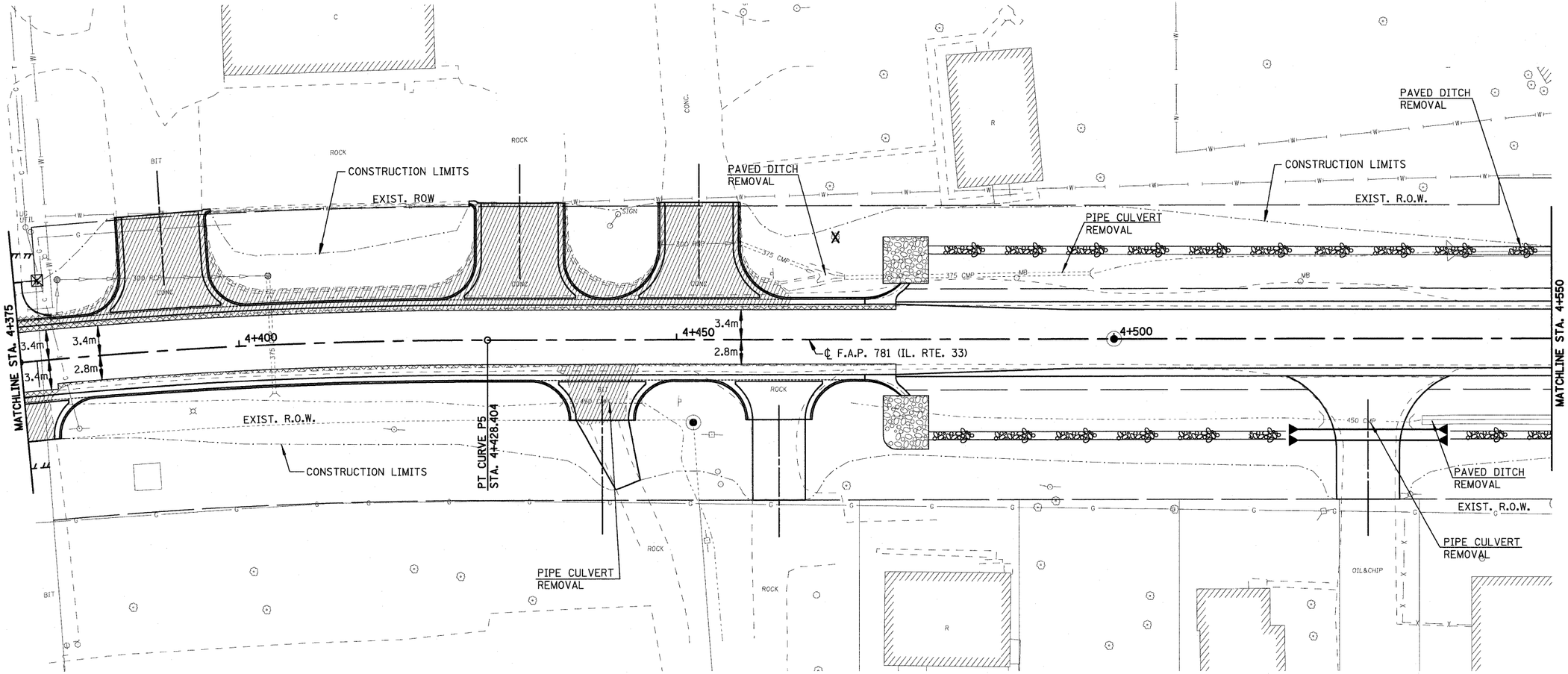
H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70057_REM250_10.dgn

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	58
STA. 4+375		TO STA. 4+550		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)

N

SCALE IN METERS
0 5 10 15

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL ITEMS

SCALE
DATE APRIL 18, 2008
DRAWN BY EDW
CHECKED BY RGH

H. M. & G. NO. 4420

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\78058_REM250.11.dgn

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	59
STA. 0+915		TO STA. 1+225		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PAVEMENT AND SHOULDER TRANSITION

STA. 0+915 BUTT JOINT (SEE DETAIL)

STA. 0+935

CONSTRUCTION LIMITS

℄ F.A.P. 781 (IL RTE. 33)

PROPOSED R.O.W.

STONE DUMPED RIPRAP CLASS A4, 14.7 SQ.M.

0.9 m HMA SHOULDER

1.5 m AGG SHOULDER

8.84 m PIPE CULVERTS CLASS D, TYPE 1, 450 2 END SECTIONS, 450

T.E.

F.E. +201.5 W= 3.7 m

PIPE CULVERT REMOVAL

MATCHLINE STA. 1+225

0+900 | 0+950 | 1+000 | 1+050 | 1+100 | 1+150 | 1+200

3.35 m

3.35 m

3.35 m

3.35 m

920x460 BOX CULVERT

PIPE CULVERT REMOVAL

T.E.

F.E. +952 W= 4.6 m

10.36 m PIPE CULVERTS CLASS D, TYPE 1, 450 2 END SECTIONS, 450

STONE DUMPED RIPRAP CLASS A4, 11.7 SQ.M.

BOX CULVERT NO. 1, STA. 1+054.355 P.C.B.C. EXTENSION LEFT & RIGHT SEE STRUCTURE PLANS FOR DETAILS

PROPOSED R.O.W.

1.5 m AGG SHOULDER

0.9 m HMA SHOULDER

CONSTRUCTION LIMITS

TWP. ROAD 1000E

BEGIN CONSTRUCTION SECTION 1YRS, 2ZRS-1 STATION 0+915.000

LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL

N

SCALE IN METERS 0 10 20 30

TBM 3 STA. 0+861.025 15.591m LT. ELEV. 151.463m. R.R. SPIKE IN POWER POLE

TBM STA. 0+865.224 7.243m LT. ELEV. 151.375m. TOP OF R.O.W. MARKER

VERTICAL TRANSITION SEE BUTT JOINT DETAIL

NOMINAL MILLING TYPICAL HMA SURFACING

EXISTING ℄ PROFILE

STA. 0+915 EL. 151.871

+915 LT. 151.663 RT. 151.634

+935 LT. 150.588 RT. 151.357

+975 RT. 150.957

LT. 150.243 RT. 150.462

+060 LT. 150.256 RT. 150.416

+140 LT. 150.600 RT. 150.600

SPECIAL DITCH LEFT AT -5.38%

SPECIAL DITCH RIGHT AT -1.39%

SPECIAL DITCH RIGHT AT -1.00%

SPECIAL DITCH LEFT AT -0.30%

SPECIAL DITCH RIGHT AT -0.66%

SPECIAL DITCH LEFT AT +0.43%

SPECIAL DITCH RIGHT AT +0.23%

SPECIAL DITCH LEFT AT +0.24%

SPECIAL DITCH RIGHT AT -0.28%

154 153 152 151 150 149 148 147 146 145

(EXISTING) (PROPOSED)

0+875	0+900	0+925	0+950	0+975	1+000	1+025	1+050	1+075	1+100	1+125	1+150	1+175	1+200	1+225
151.647 / 151.768	151.840 / 151.866	151.891 / 151.912	151.889 / 151.930	151.871 / 151.913	151.844 / 151.886	151.793 / 151.835	151.742 / 151.784	151.678 / 151.720	151.611 / 151.653	151.549 / 151.591	151.495 / 151.537	151.441 / 151.483	151.400 / 151.442	151.359 / 151.401	151.333 / 151.375	151.313 / 151.355	151.300 / 151.342	151.316 / 151.358	151.333 / 151.375	151.318 / 151.360	151.296 / 151.338	151.282 / 151.324	151.278 / 151.320	151.274 / 151.316	151.256 / 151.298	151.236 / 151.278

PLOT DATE = 4/18/2008
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HMG JOB NO. 4420

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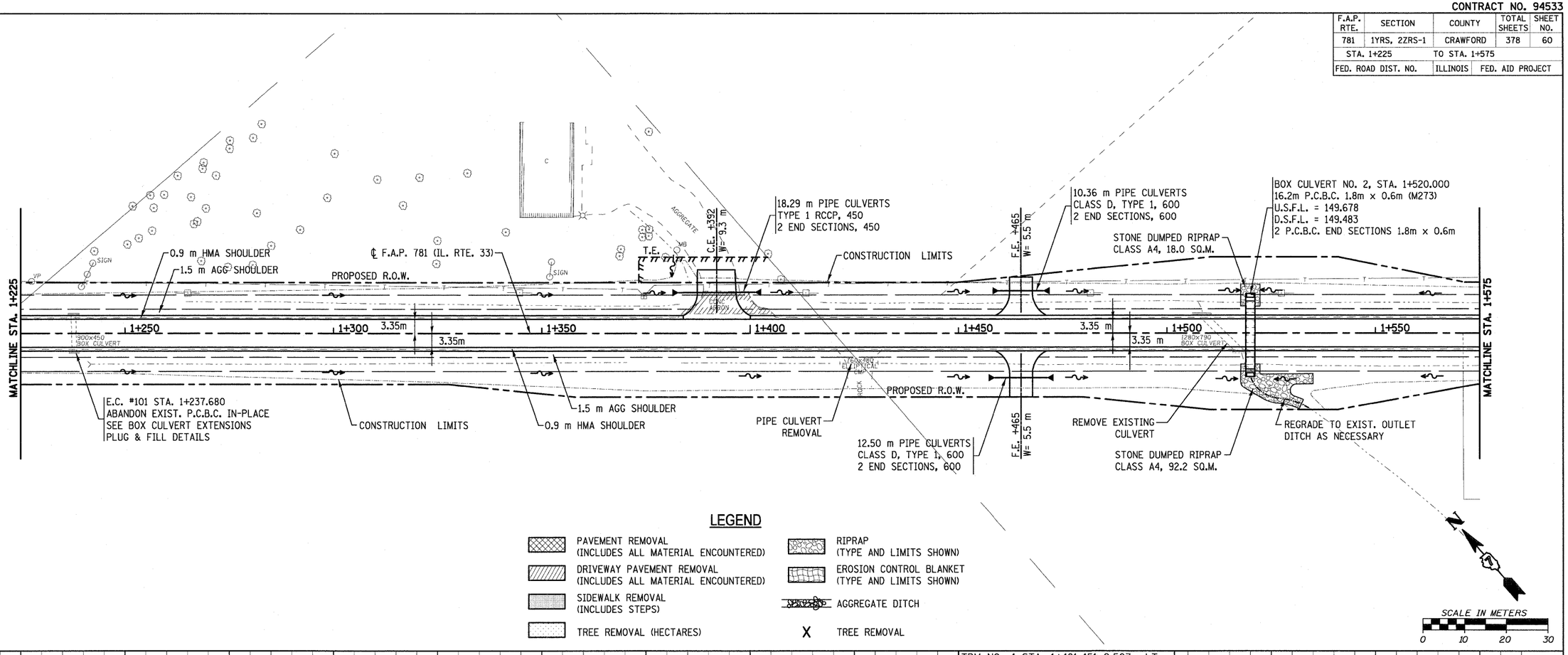
Chain: P_IL33

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

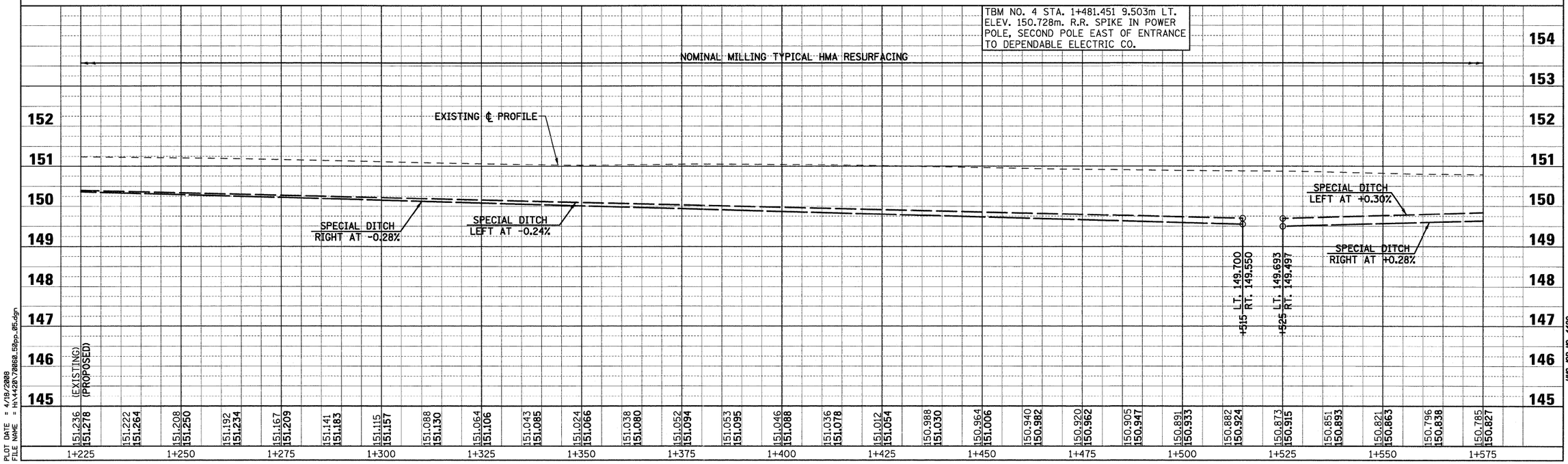
CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	60
STA. 1+225		TO STA. 1+575		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL



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HMG JOB NO. 4420

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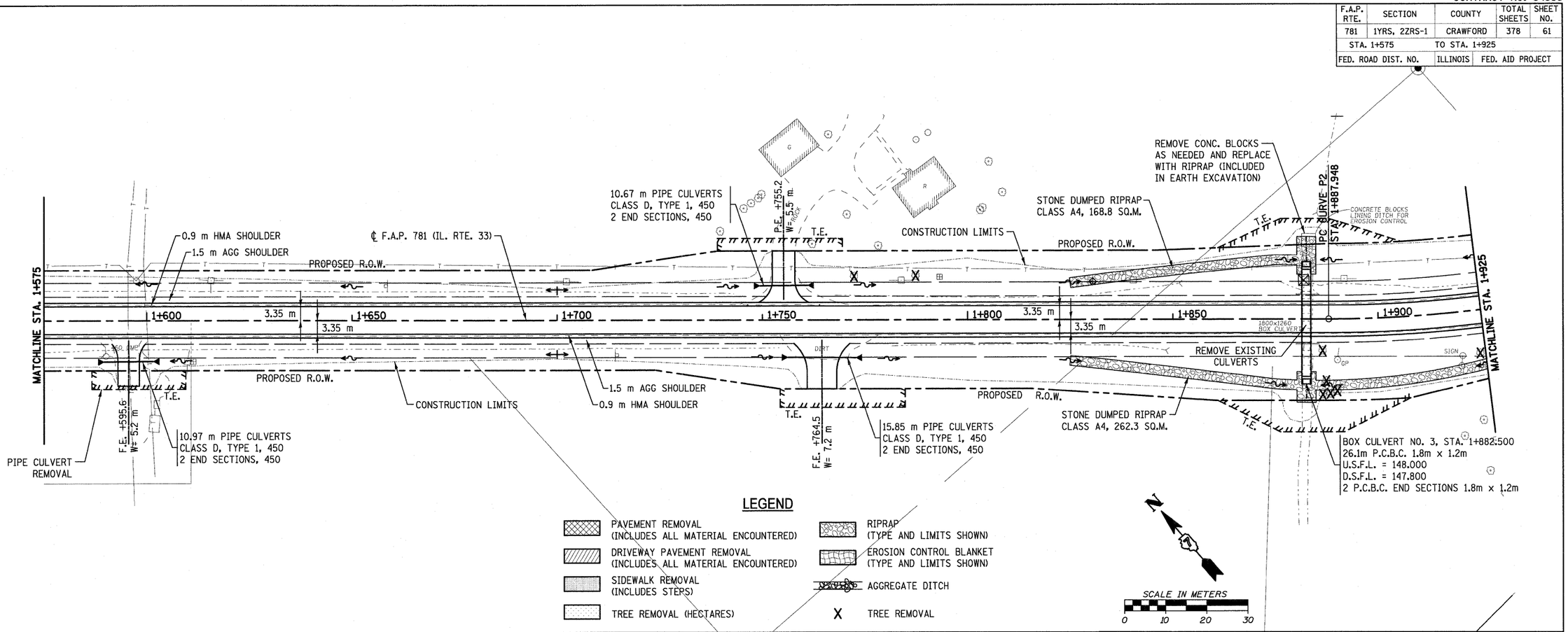
Chain: P_IL33

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

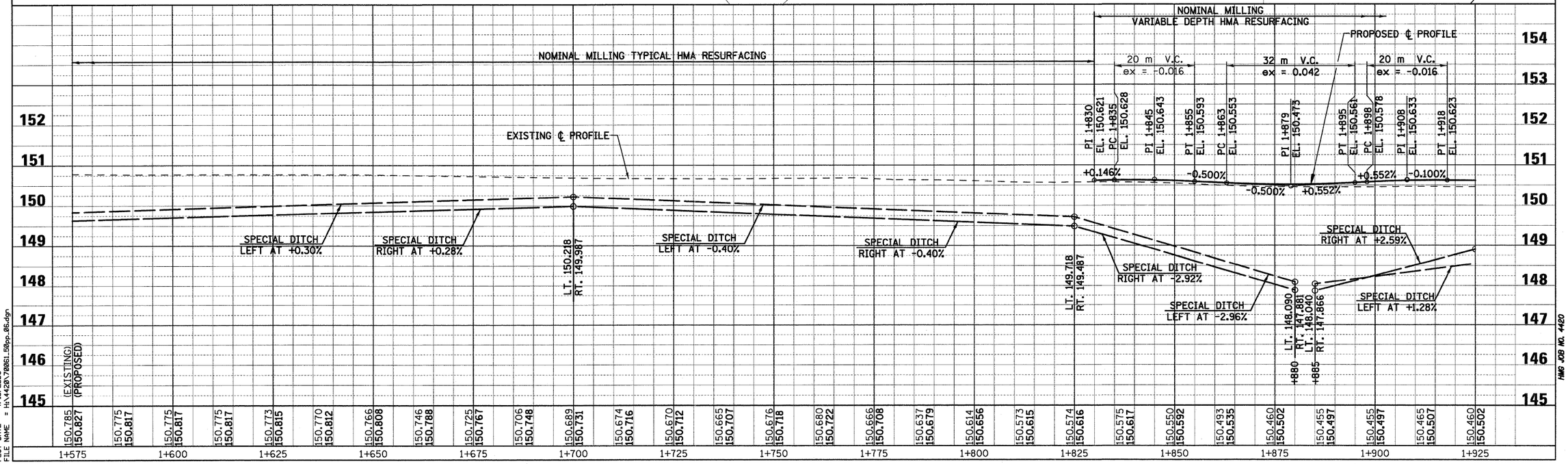
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	61
STA. 1+575		TO STA. 1+925		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL

SCALE IN METERS
0 10 20 30



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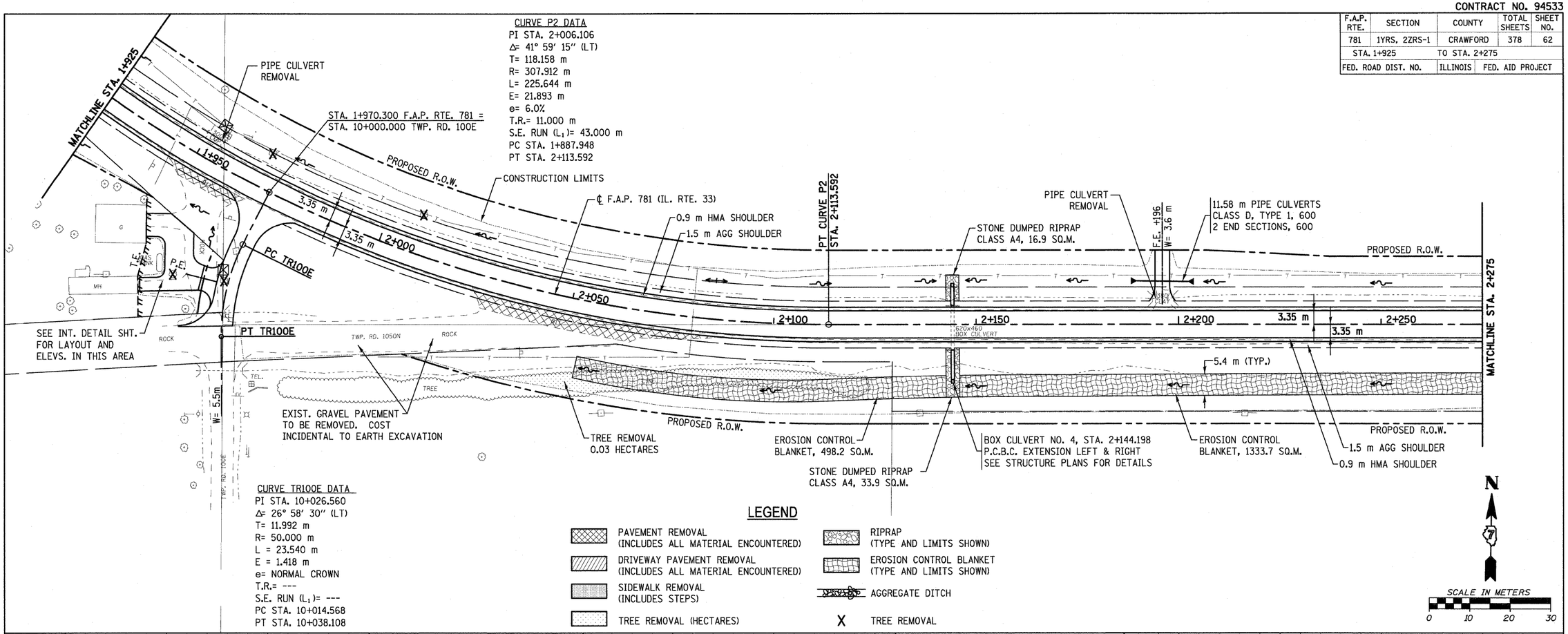
HMG JOB NO. 4420

Sheet: 6
Angle: 318.7983
Chain: P_IL33

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	62
STA. 1+925		TO STA. 2+275		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



CURVE P2 DATA
PI STA. 2+006.106
Δ= 41° 59′ 15″ (LT)
T= 118.158 m
R= 307.912 m
L= 225.644 m
E= 21.893 m
e= 6.0%
T.R.= 11.000 m
S.E. RUN (L_1)= 43.000 m
PC STA. 1+887.948
PT STA. 2+113.592

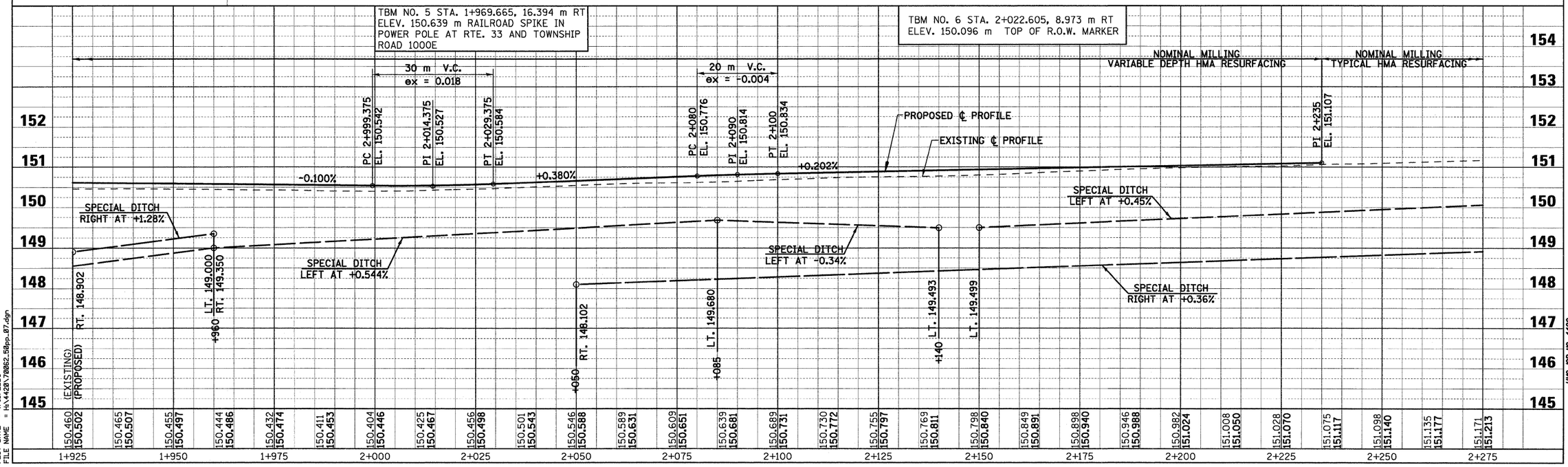
CURVE TR100E DATA
PI STA. 10+026.560
Δ= 26° 58′ 30″ (LT)
T= 11.992 m
R= 50.000 m
L = 23.540 m
E = 1.418 m
e= NORMAL CROWN
T.R.= ---
S.E. RUN (L_1)= ---
PC STA. 10+014.568
PT STA. 10+038.108

LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL

N

SCALE IN METERS
0 10 20 30



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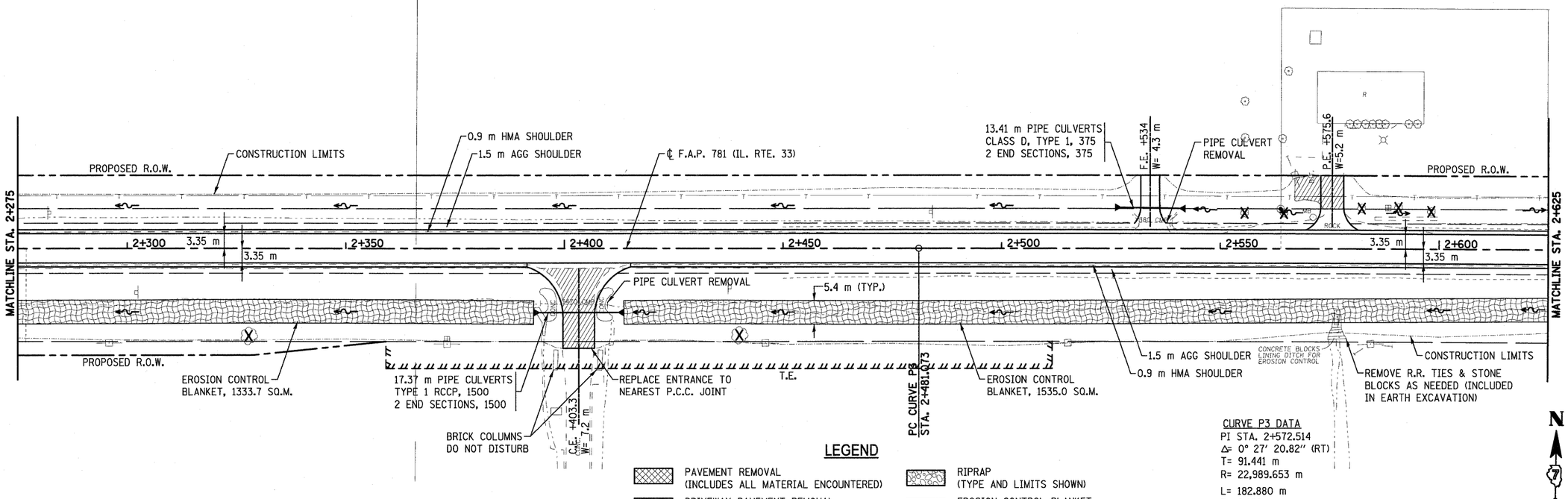
CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	63
STA. 2+275		TO STA. 2+625		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

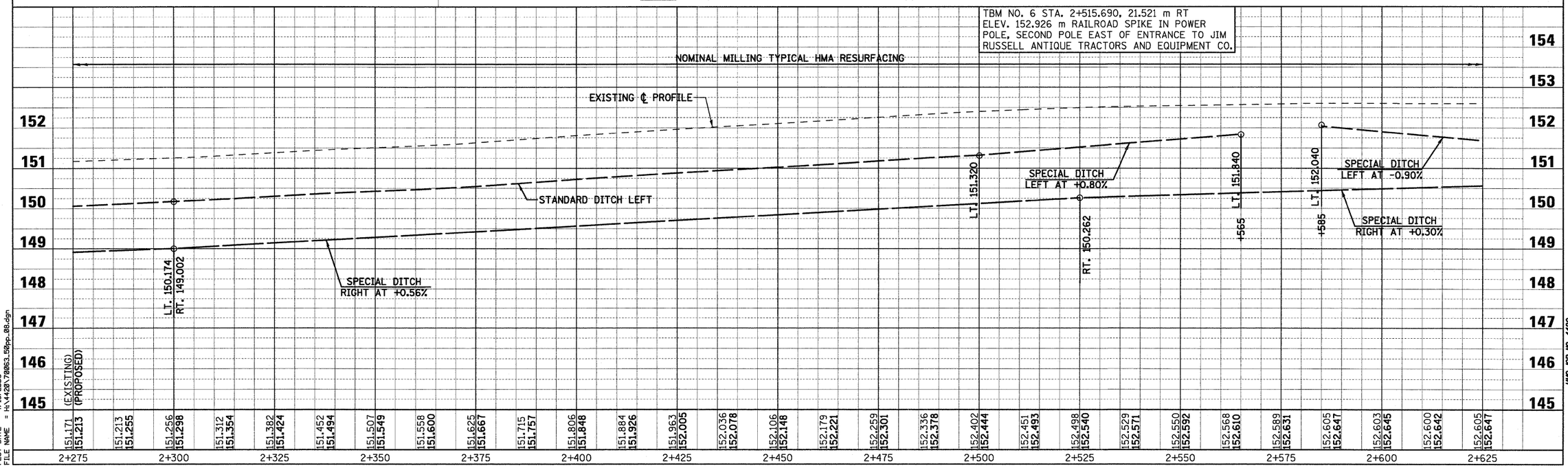
- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL

CURVE P3 DATA
PI STA. 2+572.514
Δ= 0° 27' 20.82" (RT)
T= 91.441 m
R= 22,989.653 m
L= 182.880 m
E= 0.182 m
e= NORMAL CROWN
T.R.= ---
S.E. RUN (L_t)= ---
PC STA. 2+481.073
PT STA. 2+663.953

N

SCALE IN METERS
0 10 20 30

TBM NO. 6 STA. 2+515.690, 21.521 m RT
ELEV. 152.926 m RAILROAD SPIKE IN POWER
POLE, SECOND POLE EAST OF ENTRANCE TO JIM
RUSSELL ANTIQUE TRACTORS AND EQUIPMENT CO.



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HMG JOB NO. 4420

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Chain: P_IL33

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	64
STA. 2+625		TO STA. 2+800		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CURVE P4 DATA
PI STA. 2+766.671
Δ= 0° 33' 12.13" (LT)
T= 91.441 m
R= 18,935.409 m
L= 182.880 m
E= 0.221 m
e= NORMAL CROWN
T.R.= ---
S.E. RUN (L_1)= ---
PC STA. 2+675.230
PT STA. 2+858.110

RURAL SECTION | CITY OF OBLONG SECTION

PAVEMENT AND SHOULDER TRANSITION

CONSTRUCTION LIMITS
PROPOSED R.O.W.
EXISTING R.O.W.
1.5m AGG. SHLDR.
0.9 HMA SHLDR.
PC CURVE P4 STA. 2+675.230
STONE DUMPED RIPRAP CLASS A4, 14.4 SQ.M.
2+736.9
2+756.9
STONE DUMPED RIPRAP CLASS A4, 14.7 SQ.M.
+977.5
+986.7
EX. ROW
℄ TWP. RD. 150E
WIDTH= 6m
PROP. R.O.W.
STA. 2+767.5 FAP RTE. 781 = STA. 0+000 TWP. RD. 150E
P.E. +789.5
P.E. +796.4
460x610 BOX CULVERT
BIT.
CONC
ROCK
MATCHLINE STA. 2+625
2+650
2+700
2+750
3.35m
3.35m
4m
4m
+770.95
P.C.C. BASE COURSE, 200
F-F
9.2m
3.4m
3.4m
MATCHLINE STA. 2+800
COMB. CONC. CURB AND GUTTER, TYPE B-15.60
GUTTER OUTLET
0.9 HMA SHLDR.
1.5m AGG. SHLDR.
℄ F.A.P. 781 (IL. RTE. 33)
5.4 m (TYP.)
PT CURVE P3 STA. 2+663.953
EROSION CONTROL BLANKET, 1535.0 SQ.M.
CONSTRUCTION LIMITS
BOX CULVERT NO. 5, STA. 2+700.000
20.7m P.C.B.C. 1.2m x 0.6m
U.S.F.L. = 151.000
D.S.F.L. = 150.800
2 P.C.B.C. END SECTIONS 1.2m x 0.6m
STONE DUMPED RIPRAP CLASS A4, 318.3 SQ.M.
E.C. #105 STA. 2+728.815
ABANDON EXIST. P.C.B.C. IN-PLACE
SEE BOX CULVERT EXTENSIONS
PLUG & FILL DETAILS
BOX CULVERT NO. 6, STA. 2+759.000
9.0m P.C.B.C. 1.5m x 0.9m (M273)
U.S.F.L. = 150.975
D.S.F.L. = 150.951
2 P.C.B.C. END SECTIONS 1.5m x 0.9m
F.E. +759
W= 3.6m
STONE DUMPED RIPRAP CLASS A4, 115.5 SQ.M.
T.E.
PROPOSED R.O.W.

N

SCALE IN METERS
0 5 10 15

LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL

NOMINAL MILLING TYP. HMA RESURFACING
NOMINAL/VARIABLE MILLING (SEE SCHEDULE) VARIABLE DEPTH HMA RESURFACING

TBM STA. 2+704.530, 5.235m RT.
ELEV. 152.467m - TOP OF R.O.W. MARKER

40.000 m V.C.
ex = 0.008

EXISTING ℄ PROFILE
PROPOSED ℄ PROFILE
PI 2+725.000 EL. 152.766
+0.16%
PC 2+768.875 EL. 152.836
PT 2+788.875 EL. 152.868
SPECIAL DITCH LEFT AT -0.90%
SPECIAL DITCH RIGHT AT +0.30%
SPECIAL DITCH LEFT AT +0.65%
LT. 151.032
LT. 151.032
RT. 150.937
LT. 151.370
+697
+703
+755

	2+625	2+650	2+675	2+700	2+725	2+750	2+775	2+800
(EXISTING)	152.605	152.616	152.631	152.667	152.683	152.701	152.707	152.724	152.743	152.763	152.728	152.740	152.802	152.850
(PROPOSED)	152.647	152.658	152.673	152.709	152.725	152.743	152.749	152.766	152.786	152.806	152.826	152.847	152.873	152.905

154 153 152 151 150

PLOT DATE = 4/18/2008
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HMG JOB NO. 4420

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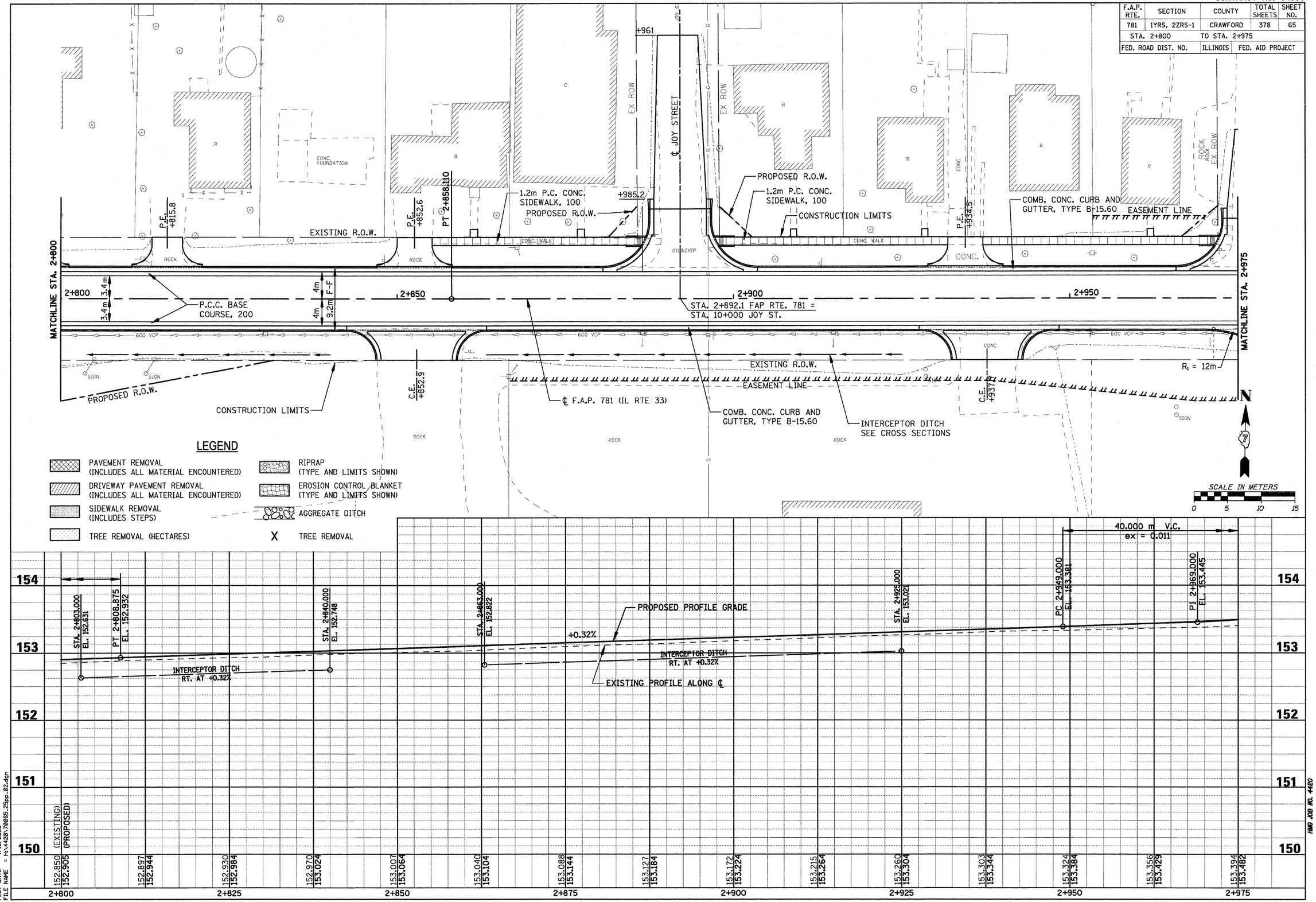
Angle: 0.5629
Chain: P_IL33

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	65
STA. 2+800		TO STA. 2+975		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL

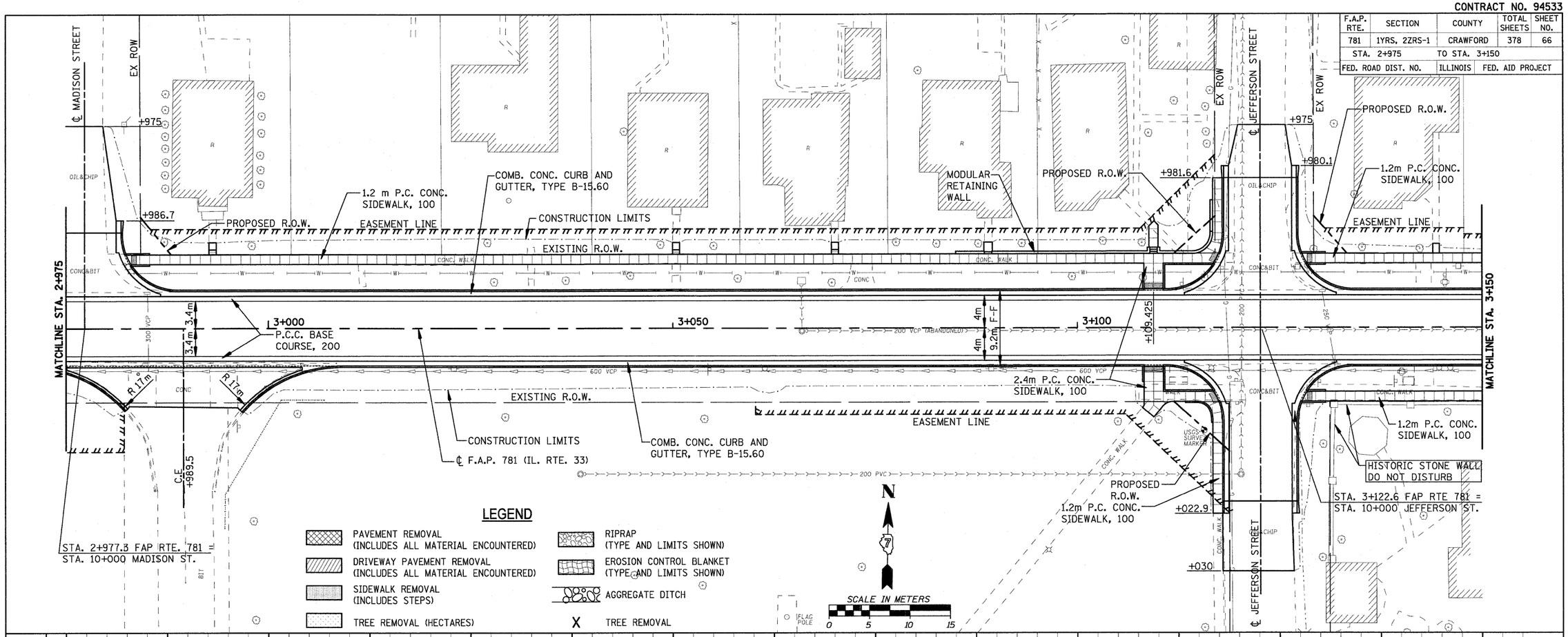
PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70065.25pp-02.dgn

HMG JOB NO. 4420

Sheet: 2
Angle: 1.0118
Chain: P_IL33

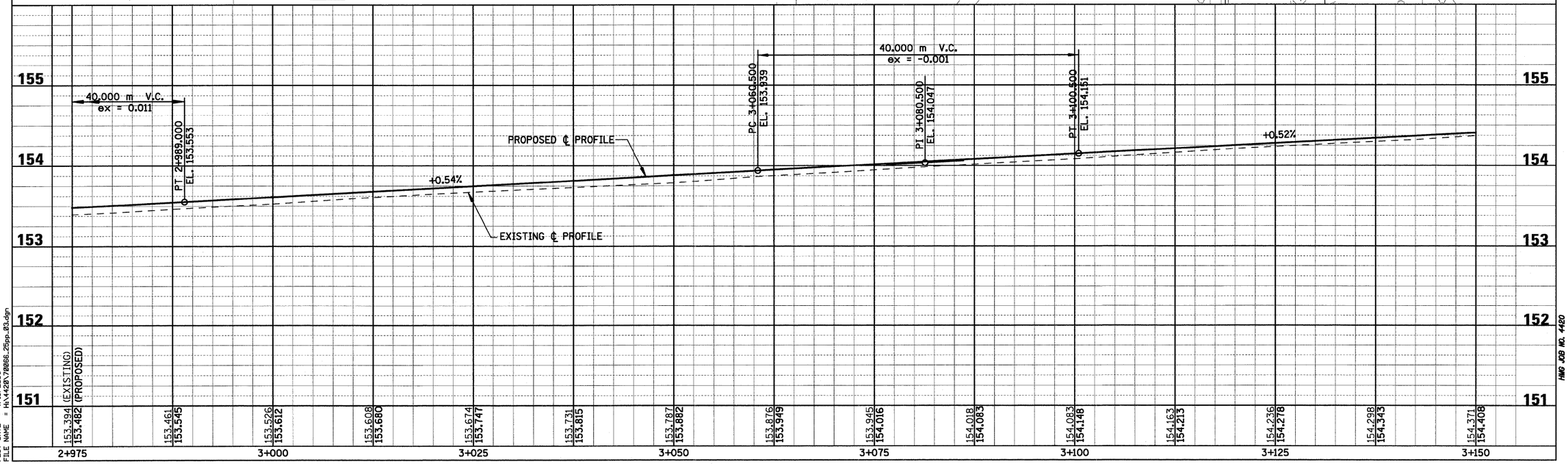
CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	66
STA. 2+975		TO STA. 3+150		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL



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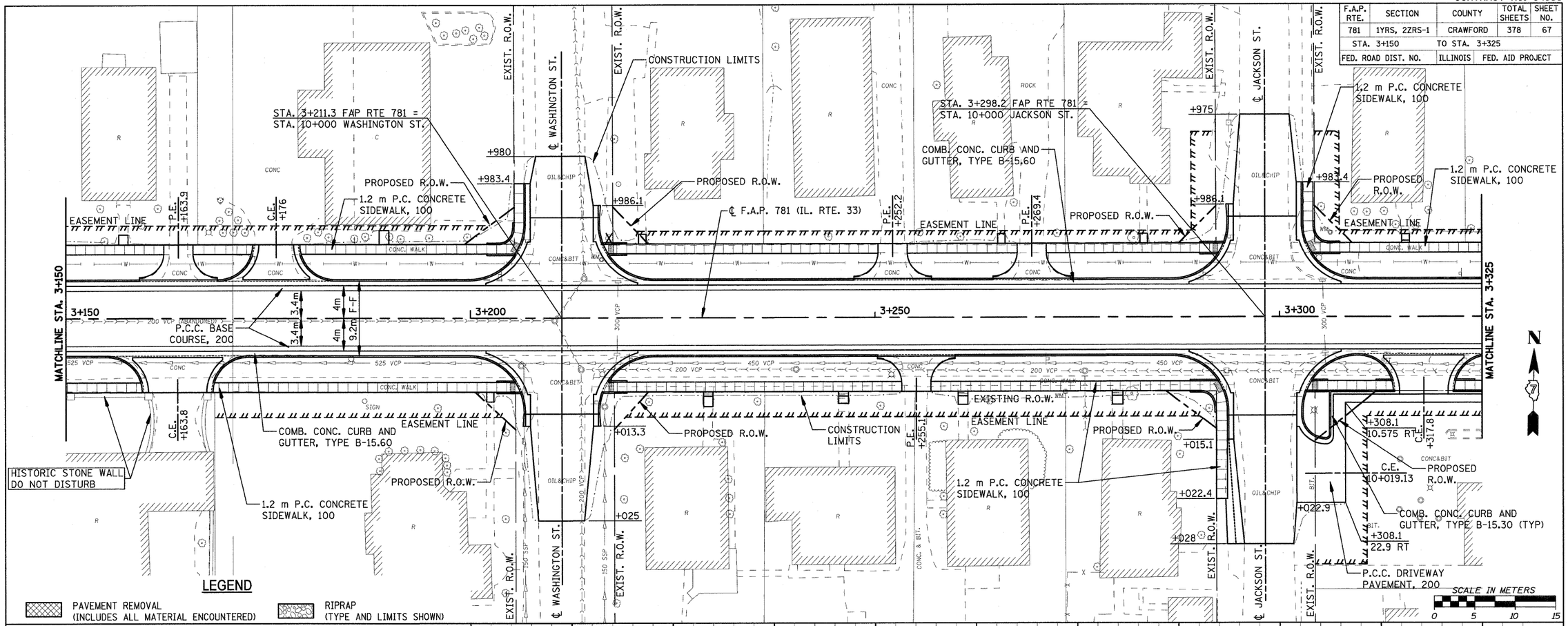
FILE NAME = H:\4420\70866.25pp.03.dgn

HMG JOB NO. 4420

Sheet: 3
Angle: 0.9788
Chain: P_IL33

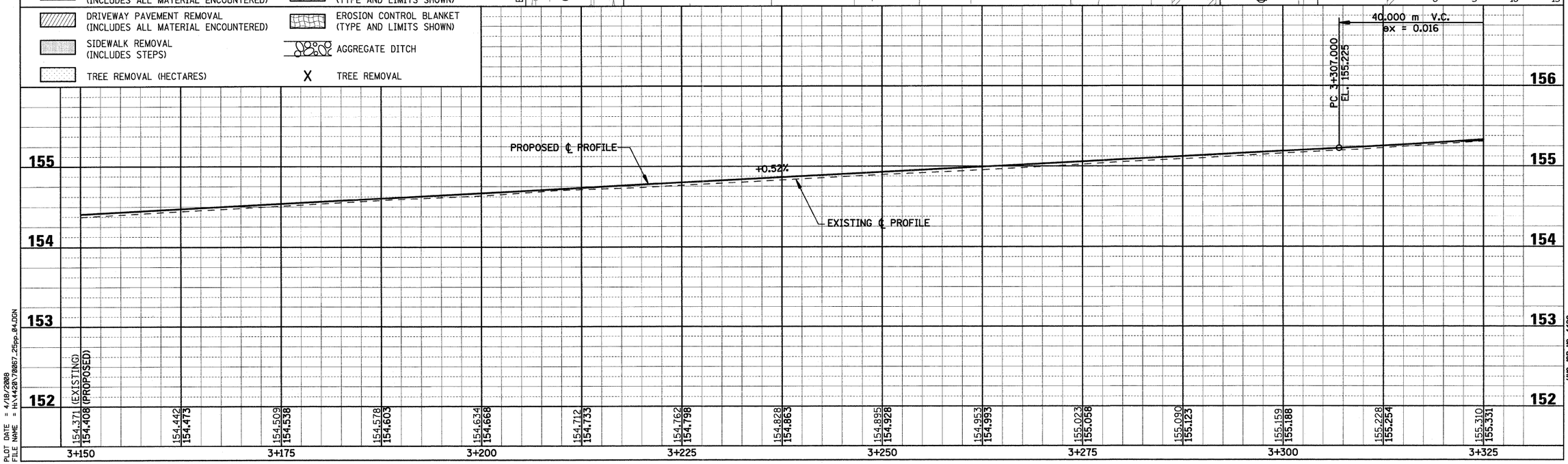
CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	67
STA. 3+150		TO STA. 3+325		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL



PLOT DATE = 4/18/2008
FILE NAME = H:\4420\78067.25pp_04.DGN

HMG JOB NO. 4420

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	68
STA. 3+325		TO STA. 3+500		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

MATCHLINE STA. 3+325

MATCHLINE STA. 3+500

¢ WILSON ST.

EXIST. R.O.W.

1.2m P.C. CONCRETE SIDEWALK, 100

COMB. CONC. CURB AND GUTTER, TYPE B-15.60

PROPOSED R.O.W.

EASEMENT LINE

P.E. +354.5

+980

STA. 3+385.05 FAP RTE. 781 = STA. 10+000 WILSON ST.

CONSTRUCTION LIMITS

STA. 3+472.4 FAP RTE. 781 = STA. 10+000 ADAMS ST.

C.E. +437.3

C.E. +483

¢ F.A.P. 781 (IL. RTE. 33)

P.C.C. BASE COURSE, 200

3+350

3+400

3+450

+394.6

4m

9.2m F-F

3.4m

5.9m

13m F-F

5.3m

+479.275
10.575 RT

STRUCTURE REMOVAL

PROP. R.O.W.

+479.275
19.375 RT

+025

+028.315

C.E. +334

P.E. +345.5

C.E. +385.225

+340.576
10.575 RT

P.C.C. DRIVEWAY PAVEMENT, 200

COMB. CONC. CURB AND GUTTER, TYPE B-15.30 (TYP)

AGG. SURFACE COURSE, TYPE B, 150

+405.645
10.575 RT

+423.551
10.575 RT

C.E. +415.6

C.E. +433.4

C.E. +452.2

+464.283
10.575 RT

C.E. 10+016.2

+464.283
28.308 RT

C.E. 10+015.1

C.E. +493.7

P.C.C. DRIVEWAY PAVEMENT, 200

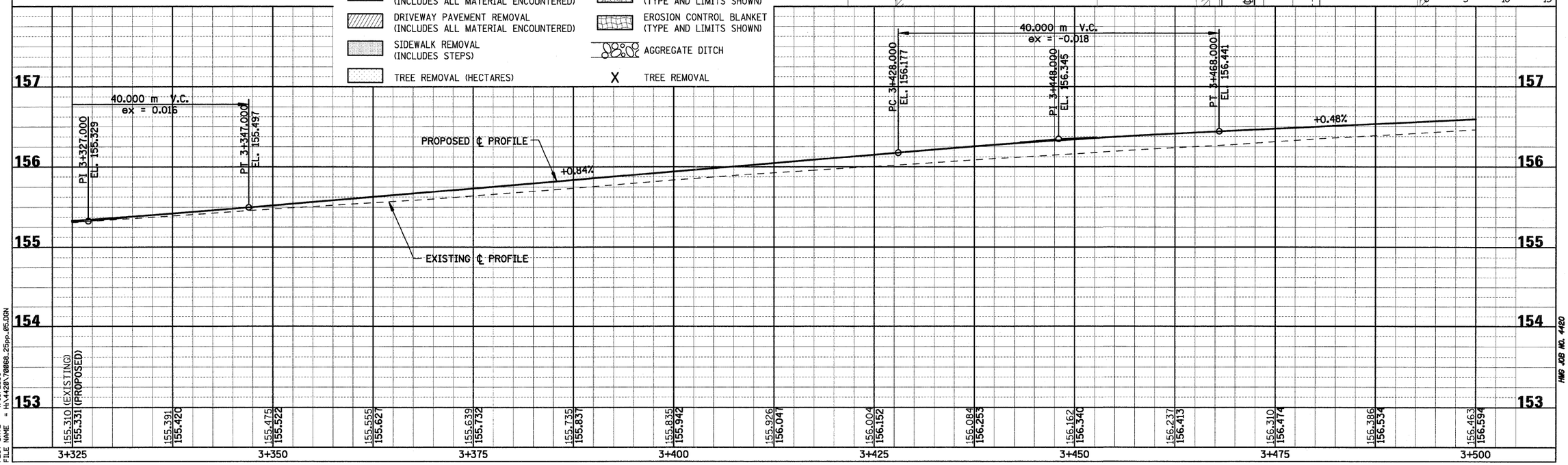
COMB. CONC. CURB AND GUTTER, TYPE B-15.30 (TYP)

¢ ADAMS ST.

SCALE IN METERS
0 5 10 15

LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL



PLOT DATE = 4/18/2008
FILE NAME = H:\4420\78068_25pp_05.DGN

HMG JOB NO. 4420

Sheet: 5
Angle: 0.9788
Chain: P_IL33

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	69
STA. 3+500		TO STA. 3+675		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

MATCHLINE STA. 3+500

MATCHLINE STA. 3+675

EXIST. R.O.W.

℄ N. RANGE ST.

℄ S. RANGE ST.

℄ GARFIELD ST.

℄ F.A.P. 781 (IL. RTE. 33)

STA. 3+572.7 FAP RTE. 781 = STA. 10+000 N. RANGE ST.

STA. 3+572.156 FAP RTE. 781 = STA. 10+000 S. RANGE ST.

STA. 3+659.2 FAP RTE. 781 = STA. 10+000 GARFIELD ST.

POT 3+572.717

179°40'48"

FULL - WIDTH P.C. CONCRETE SIDEWALK, 100

EASEMENT LINE

CONSTRUCTION LIMITS

VARIABLE - WIDTH P.C. CONCRETE SIDEWALK, 100

+581.648 9.675 LT

+608.648 9.675 LT

COMB. CONC. CURB AND GUTTER, TYPE B-15.60

1.2m P.C. CONCRETE SIDEWALK 100 mm

PROPOSED R.O.W.

+503.161 10.571 RT

+666.075 10.575 RT

+666.075 20.325 RT

COMB. CONC. C.E. CURB AND GUTTER, +016.225 TYPE B-15.30 (TYP)

COMB. CONC. CURB AND GUTTER, TYPE B-15.30 (TYP)

P.C.C. DRIVEWAY PAVEMENT, 200

P.C.C. BASE COURSE, 200

C.E. +504.6

P.E. +529.7

+978

+980

+985

+016.7

+020

5.9m F-F 13m

5.3m

3.4m

3.6m

3+500

3+550

3+600

3+650

MIDWEST HOME FURNISHINGS

MOVIE RENTAL

HARMON'S PHARMACY

BIT. PARKING

BURTON SUNDRIES

OBLONG COMMERCE CENTER

GEORGE CORRIE INC.

RAY'S T.

BOYD REAL ESTATE

CHAMBER OF COMMERCE

MAIN STREET

BANK

TERRY'S FLOWERS

FITNESS CENTER

VILLAGE STITCHERY

LIBRARY

HAIRSTYLING

HI-WAY CAFE

THE OBLONG

MAP

CONC. WALK

CONC&BIT

CONC

OIL&CHIP

SIDE ENT.

MAIN ENT.

APT. ENT.

EXIT

SIGN

PIPE BOLLARDS

300 RCP

200 VCP

450 RCP

CONC. DITCH

LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL

SCALE IN METERS 0 5 10 15

N

PC 3+564.500 EL. 156.904

PI 3+577.000 EL. 156.964

PT 3+589.500 EL. 156.805

25.000 m V.C. ex = -0.055

+0.48%

PROPOSED ℄ PROFILE

EXISTING ℄ PROFILE

-1.27%

PC 3+639.300 EL. 156.173

PI 3+659.300 EL. 155.919

40.000 m V.C. ex = 0.034

	3+500	3+525	3+550	3+575	3+600	3+625	3+650	3+675
(EXISTING)	156.463	156.523	156.609	156.701	156.790	156.877	156.901	156.808
(PROPOSED)	156.594	156.654	156.714	156.774	156.835	156.895	156.916	156.829
	156.644	156.482	156.321	156.155	155.999	155.890	155.797	
	156.672	156.513	156.355	156.196	156.047	155.924	155.828	

158 157 156 155 154

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70069_25pp_06.DGN

HMG JOB NO. 4420

Sheet: 6
Angle: 1.0772
Chain: P_IL33

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	70
STA. 3+675		TO STA. 3+850		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL

STA. 3+746 FAP RTE. 781 = STA. 10+000 GRANT ST. SOUTH

STA. 3+745.8 FAP RTE. 781 = STA. 10+000 GRANT ST. NORTH

EXIST. R.O.W. — ℄ GRANT ST. — EXIST. R.O.W.

1.2m P.C. CONCRETE SIDEWALK, 100

PROPOSED R.O.W.

+979

+983.6

COMB. CONC. CURB AND GUTTER, TYPE B-15.60

PIPE RAIL (DO NOT DISTRURB)

CONSTRUCTION LIMITS

EASEMENT LINE

+734.681

+757.472

+960

+967

EXIST. R.O.W.

EASEMENT LINE

C.E. 9+975.225

+976.4

PROPOSED R.O.W.

1.2m P.C. CONCRETE SIDEWALK, 100

℄ HARRISON ST.

MODULAR RETAINING WALL (SEE DETAILS)

+820.576

MATCHLINE STA. 3+675

MATCHLINE STA. 3+850

3+700 — 3+750 — 3+800

P.C.C. BASE COURSE, 200

℄ F.A.P. 781 (IL. RTE. 33)

+736.2

P.C.C. BASE COURSE, 200

EXISTING R.O.W.

EASEMENT LINE

C.E. +682.45

C.E. +696.30

C.E. +708.20

C.E. +790.1

P.E. +806.1

P.E. +822.6

PROPOSED R.O.W.

C.E. 10+014.7

+738.500 10.575 RT

+021.5

+025

COMB. CONC. CURB AND GUTTER, TYPE B-15.60

1.2m P.C. CONCRETE SIDEWALK, 100

PROPOSED R.O.W.

1.2m P.C. CONCRETE SIDEWALK, 100

P.C.C. DRIVEWAY PAVEMENT, 200

COMB. CONC. CURB AND GUTTER, TYPE B-15.30 (TYP)

1.2m P.C. CONCRETE SIDEWALK, 100

CONSTRUCTION LIMITS

1.2m P.C. CONCRETE SIDEWALK, 100

STA. 3+832.3 FAP RTE. 781 = STA. 10+000 HARRISON ST.

N

SCALE IN METERS 0 5 10 15

PT 3+679.300 EL. 155.801

PROPOSED ℄ PROFILE

30.000 m V.C. ex = -0.027

PC 3+748.000 EL. 155.396

PT 3+763.000 EL. 155.307

PT 3+778.000 EL. 155.312

-0.59%

-1.30%

EXISTING ℄ PROFILE

	3+675	3+700	3+725	3+750	3+775	3+800	3+825	3+850
(EXISTING)	155.797	155.723	155.637	155.564	155.481	155.415	155.344	155.217	155.074	154.922	154.765	154.601	154.428	154.255	154.099
(PROPOSED)	155.828	155.760	155.685	155.610	155.535	155.460	155.385	155.285	155.150	154.989	154.826	154.664	154.501	154.339	154.176

156 / 155 / 154 / 153

PLOT DATE = 4/18/2008
FILE NAME = H:\4428\70070_25pp_07.DGN

HMG JOB NO. 4420

Sheet: 7
Angle: 1.3348
Chain: P_IL33

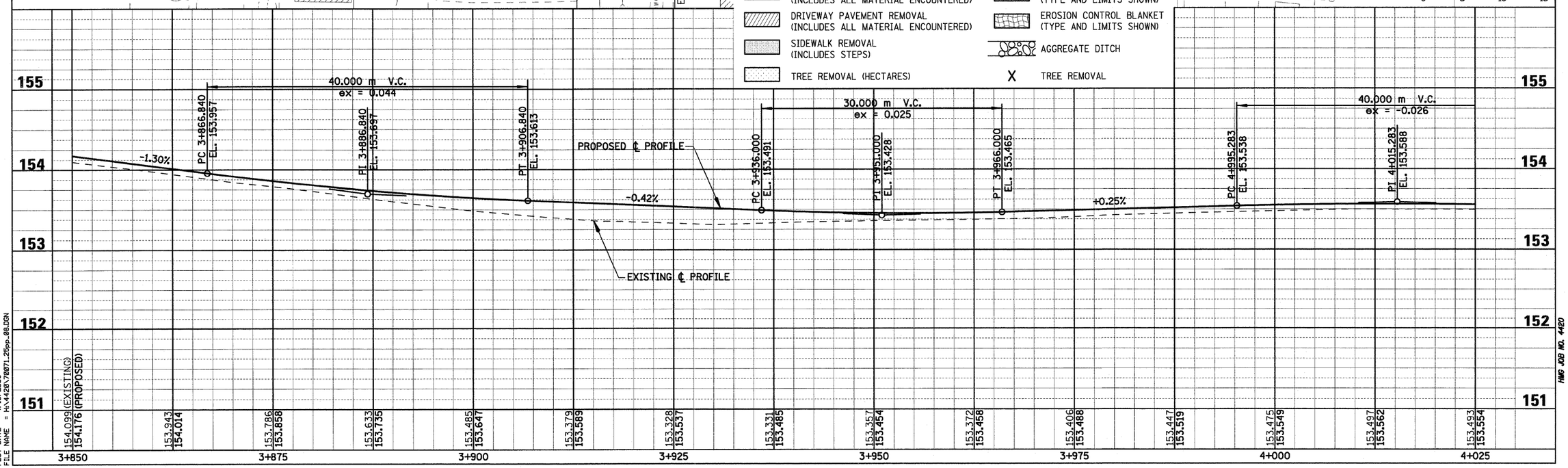
CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	71
STA. 3+850		TO STA. 4+025		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

EXIST. CONC. WALL TO BE REMOVED
BRICK COLUMNS TO BE REMOVED
1.2m P.C. CONC. SIDEWALK, 100
COMB. CONC. CURB AND GUTTER, TYPE B-15.60
MODULAR RETAINING WALL (SEE DETAILS)
EASEMENT LINE
PROPOSED R.O.W.
EXIST. R.O.W.
℄ TAYLOR ST.
P.E. +887.9
P.E. +906.322
+980
PROP. R.O.W.
+986.3
1.2m P.C. CONC. SIDEWALK, 100
CONSTRUCTION LIMITS
STONE DUMPED RIPRAP CLASS A4, 15.3 SQ.M.
EASEMENT LINE
C.E. +979.7
+988.5
COMB. CONC. CURB AND GUTTER, TYPE B-15.60
+021.5
EXIST. R.O.W.
MATCHLINE STA. 3+850
MATCHLINE STA. 4+025
3+850
3+900
3+950
4+000
4m
9.2m F-F
3.4m
3.4m
P.C.C. BASE COURSE, 200
STA. 3+919 FAP RTE. 781 = STA. 10+000 TAYLOR ST.
℄ F.A.P. 781 (IL RTE 33)
300 VCP
450 RCP (2 BARREL)
200 VCP
CONC&BIT
CONC. WALK
900 x 900 BOX
EXIST. R.O.W.
EASEMENT LINE
COMB. CONC. CURB AND GUTTER, TYPE B-15.60
1.2m P.C. CONC. SIDEWALK, 100
P.E. +882.2
P.E. +892.5
PROPOSED R.O.W.
+020
1.2m P.C. CONC. SIDEWALK, 100
PROP. R.O.W.
+016.1
1.2m P.C. CONC. SIDEWALK, 100
P.E. +943.9
CONSTRUCTION LIMITS
P.E. +984
P.E. +989.5
FLAG POLE
1.2m P.C. CONC. SIDEWALK, 100
ROCK
℄ TAYLOR ST.
OIL&CHIP
EXIST. R.O.W.
EXIST. R.O.W.
EXIST. R.O.W.
EXIST. R.O.W.
N
SCALE IN METERS
0 5 10 15

LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL



PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70071.25pp_08.DGN

HMG JOB NO. 4420

Sheet: 8
Angle: 1.3344
Chain: P_IL33

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	72
STA. 4+025		TO STA. 4+200		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

MATCHLINE STA. 4+025

MATCHLINE STA. 4+200

COMB. CONC. CURB AND AND GUTTER, TYPE B-15.60

EASEMENT LINE

CONSTRUCTION LIMITS

1.2m P.C. CONC. SIDEWALK, 100

COMB. CONC. CURB AND GUTTER, TYPE B-15.60

EXIST. R.O.W.

P.C.C. BASE COURSE, 200

3.4m 3.4m 4m 4m 9.2m F-F

℄ F.A.P. 781 (IL. RTE. 33)

STA. 4+155.8 FAP RTE. 781 = STA. 10+000 ROOSEVELT ST.

179°29'53"

1.2m P.C. CONC. SIDEWALK, 100

COMB. CONC. CURB AND GUTTER, TYPE B-15.60

℄ ROOSEVELT ST.

SCALE IN METERS 0 5 10 15

LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL

PT 4+035.283 EL. 153.532

PROPOSED ℄ PROFILE

-0.28%

EXISTING ℄ PROFILE

PC 4+130.000 EL. 153.267

40.000 m V.C. ex = -0.036

PI 4+150.000 EL. 153.211

PT 4+170.000 EL. 153.011

-1.00%

	4+025	4+050	4+075	4+100	4+125	4+150	4+175	4+200
(EXISTING)	153.493	153.461	153.426	153.417	153.386	153.346	153.306	153.268
(PROPOSED)	153.554	153.526	153.491	153.456	153.421	153.386	153.351	153.316
	153.235	153.201	153.139	153.035	152.922	152.803	152.675	
	153.281	153.241	153.175	153.081	152.961	152.836	152.711	

PLOT DATE = 4/18/2008
FILE NAME = H:\4420\70072_25pp_09.DGN

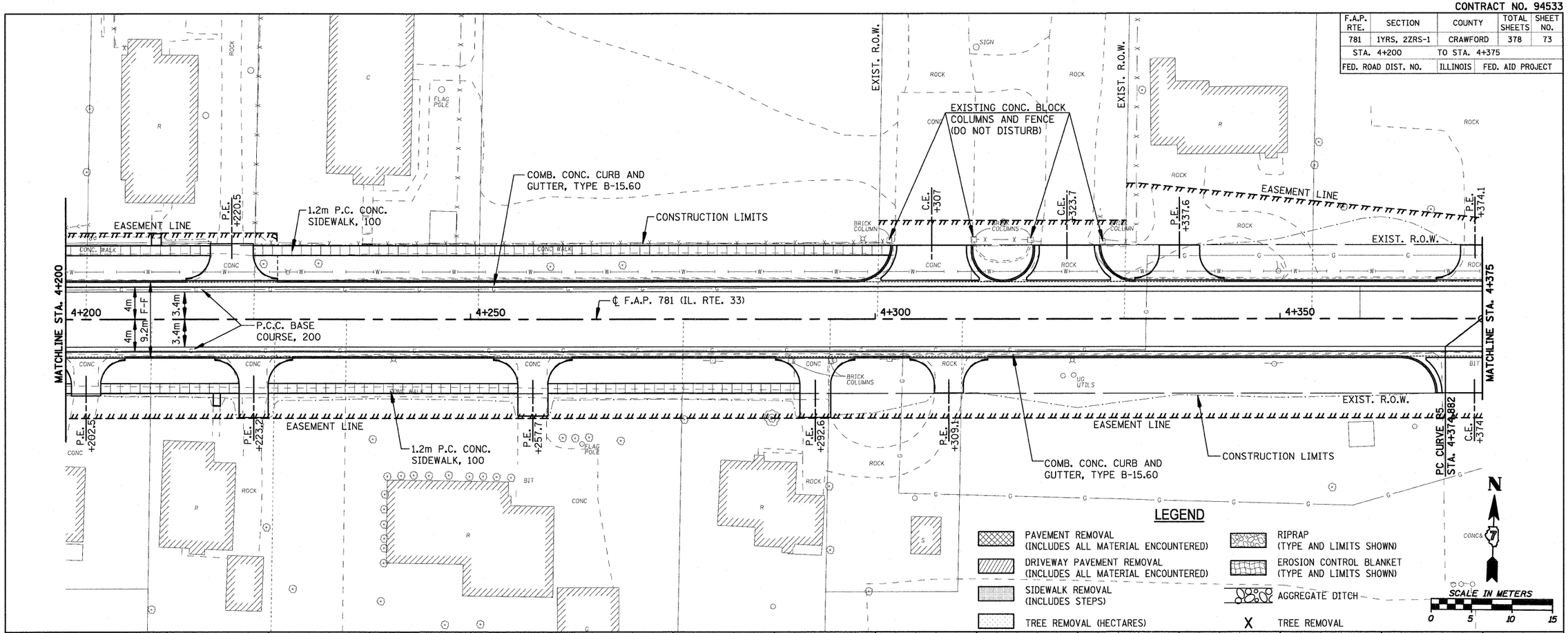
HMG JOB NO. 4420

Sheet: 9
Angle: 1.3348
Chain: P_IL33

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

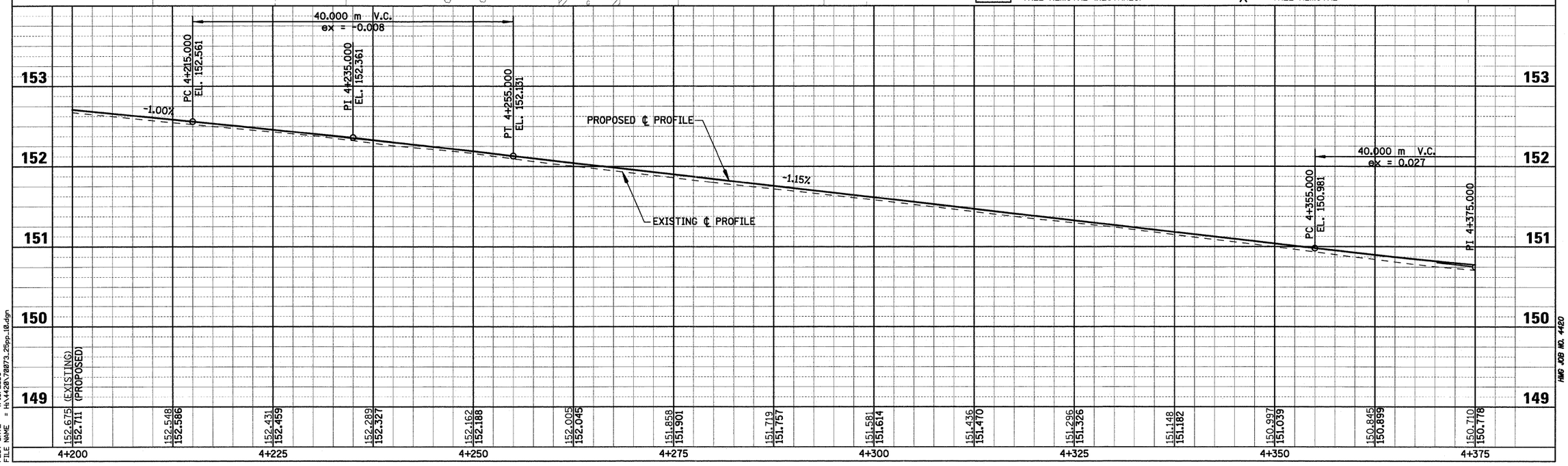
CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	73
STA. 4+200		TO STA. 4+375		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL



PLOT DATE = 4/18/2008
FILE NAME = H:\4420\78073_25pp_10.dgn

HMG JOB NO. 4420

Sheet: 10
Angle: 1.7120
Chain: P_IL33

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	74
STA. 4+375		TO STA. 4+550		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CITY OF OBLONG SECTION

RURAL SECTION

MATCHLINE STA. 4+375

MATCHLINE STA. 4+550

CONSTRUCTION LIMITS

EXIST. ROW

EXIST. R.O.W.

COMB. CONC. CURB AND GUTTER, TYPE B-15.60

GUTTER OUTLET

STONE DUMPED RIPRAP CLASS A4, 27.5 SQ.M.

STONE DUMPED RIPRAP CLASS A4, 31.2 SQ.M.

1.5m AGG. SHLDR.

0.9 m HMA SHLDR.

P.C.C. BASE COURSE, 200

3.35m

3.35m

3.4m

2.8m

4+400

4+450

4+500

℄ F.A.P. 781 (IL. RTE. 33)

PT CURVE P5 STA. 4+428.404

PAVEMENT AND SHOULDER TRANSITION

+475.071

+495.071

C.E. +391.9

C.E. +432.1

C.E. +452.6

C.E. +441.5

C.E. +461.7

15.64m PIPE CULVERTS
2 EACH PARALLEL
CLASS D, TYPE 1, 450
4 END SECTIONS, 450

P.E. +529
W = 7.2m

OIL&CHIP

SCALE IN METERS
0 5 10 15

LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL

CURVE P5 DATA
PI STA. 4+401.662
Δ = 5° 18′ 28″ (RT)
T = 26.781 m
R = 577.756 m
L = 53.523 m
E = 0.620 m
e= 2.8%
T.R.= 14.000 m
S.E. RUN (L_1)= 20.000 m
PC STA. 4+374.882
PT STA. 4+428.404

TBM STA. 4+378.618, 11.997m LT.
ELEV. 151.167 TOP NE BOLT ON RIM OF FIRE HYDRANT. NORTH SIDE OF IL. 33 (NEW) FIRST ROBINSON SAVINGS BANK

NOMINAL/VARIABLE MILLING (SEE SCHEDULE) VARIABLE DEPTH HMA RESURFACING

NOMINAL/VARIABLE MILLING (SEE SCHEDULE) TYP. HMA RESURFACING

40.000 m V.C.
ex = 0.027

32.500 m V.C.
ex = -0.033

EL. 150.751

PT 4+395.000 EL. 150.630

PC 4+467.500 EL. 150.192

PI 4+483.750 EL. 150.093

PT 4+500.000 EL. 149.863

PROPOSED ℄ PROFILE

EXISTING ℄ PROFILE

-0.60%

-1.42%

STANDARD DITCH LEFT

MODIFIED STANDARD DITCH RIGHT (PROFILE GRADE MINUS 1.309 M)

LT. 149.013

	4+375	4+400	4+425	4+450	4+475	4+500	4+525	4+550
(EXISTING)	150.710	150.620	150.553	150.474	150.397	150.325	150.246	150.176	150.094	149.985	149.821	149.640	149.421	149.168	148.852
(PROPOSED)	150.778	150.679	150.600	150.524	150.449	150.373	150.297	150.222	150.139	150.021	149.863	149.682	149.463	149.210	

152 151 150 149 148

PLOT DATE = 4/18/2008
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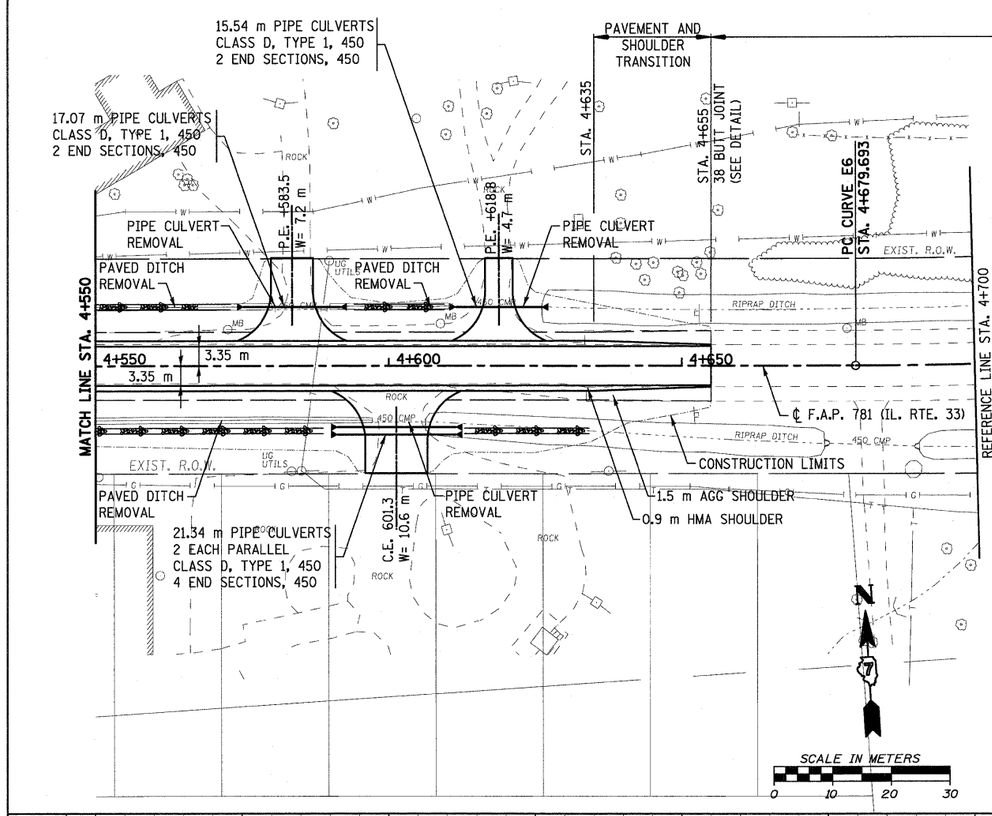
HMG JOB NO. 4420

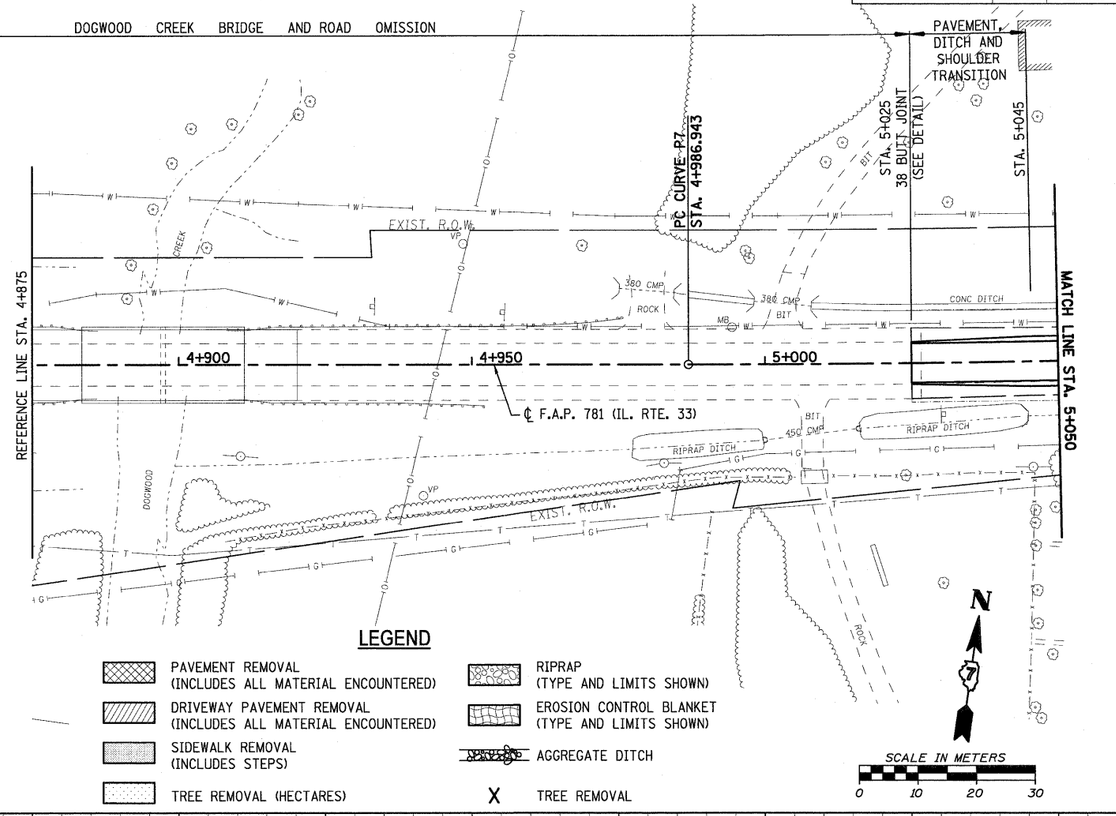
HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

Sheet: 11
Angle: 359.6778
Chain: P_IL33

CONTRACT NO. 94533

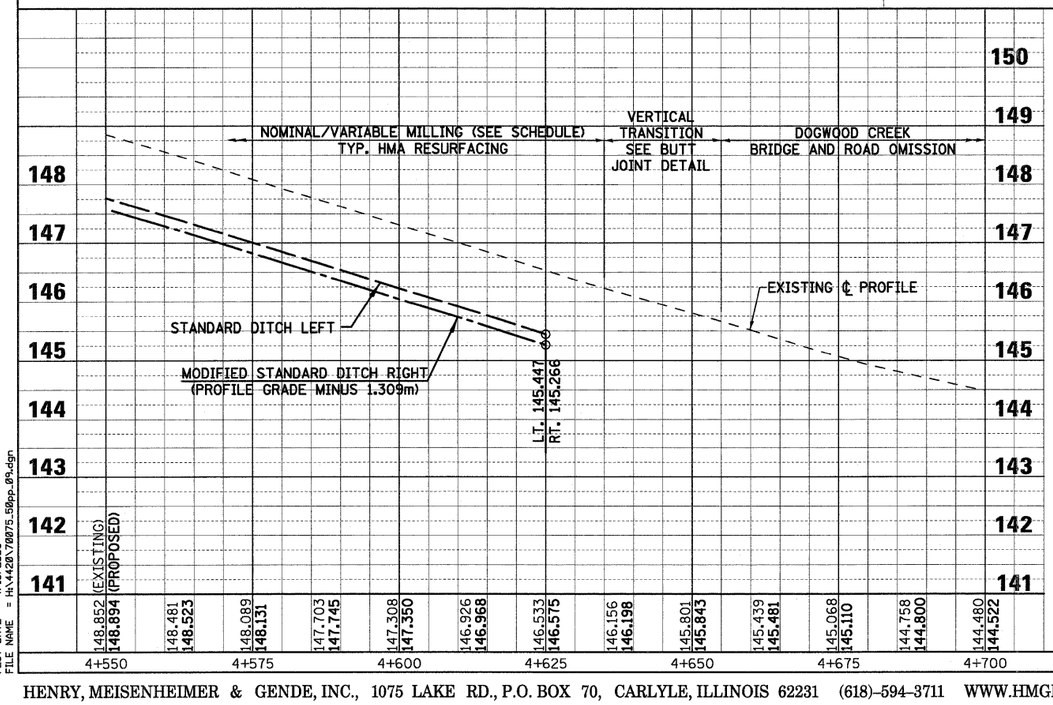
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	75
STA. 4+550		TO STA. 5+050		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

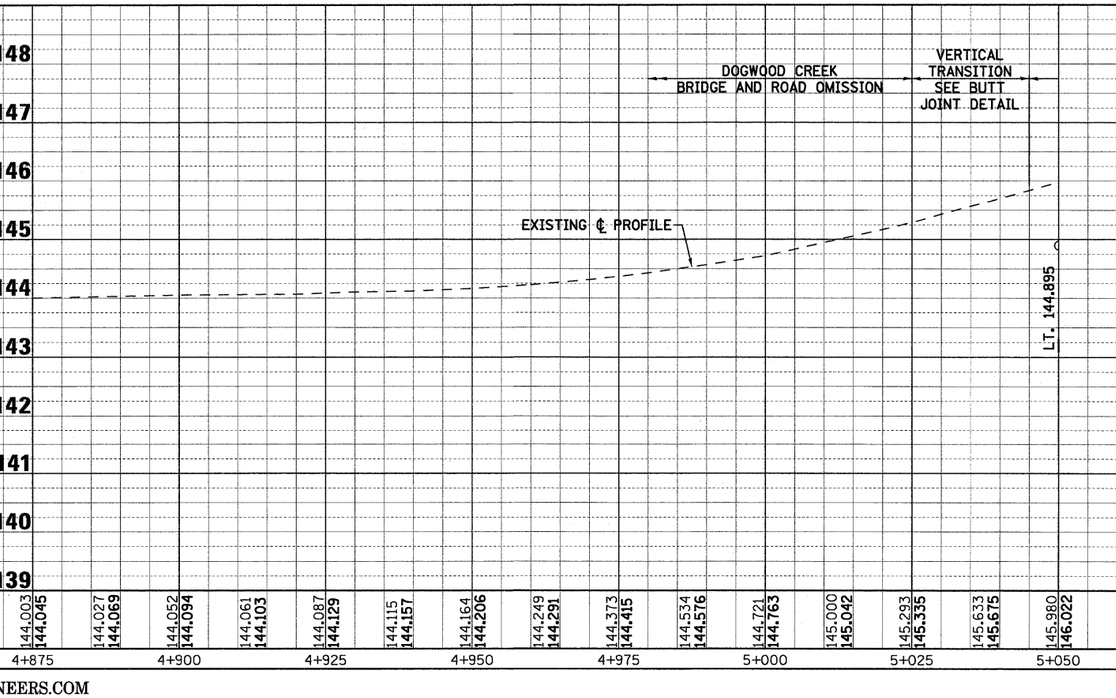




LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL





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HMG JOB NO. 4420

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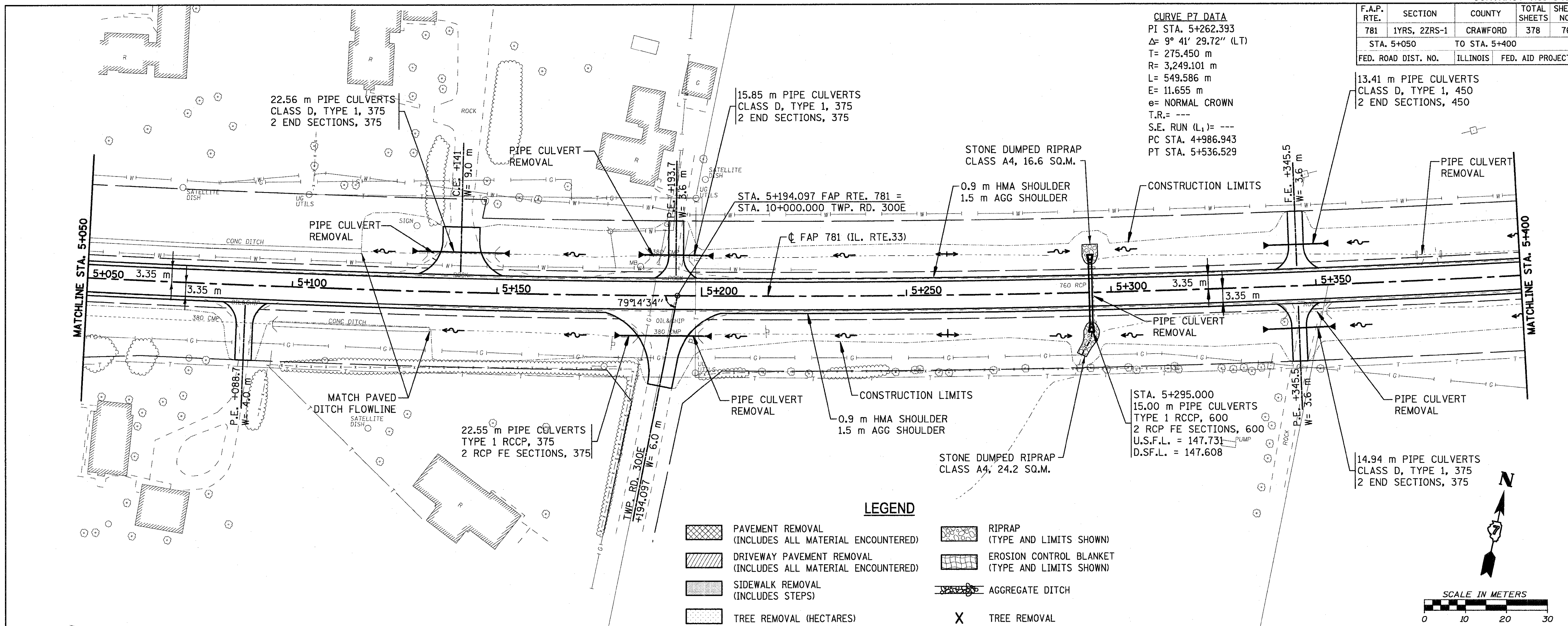
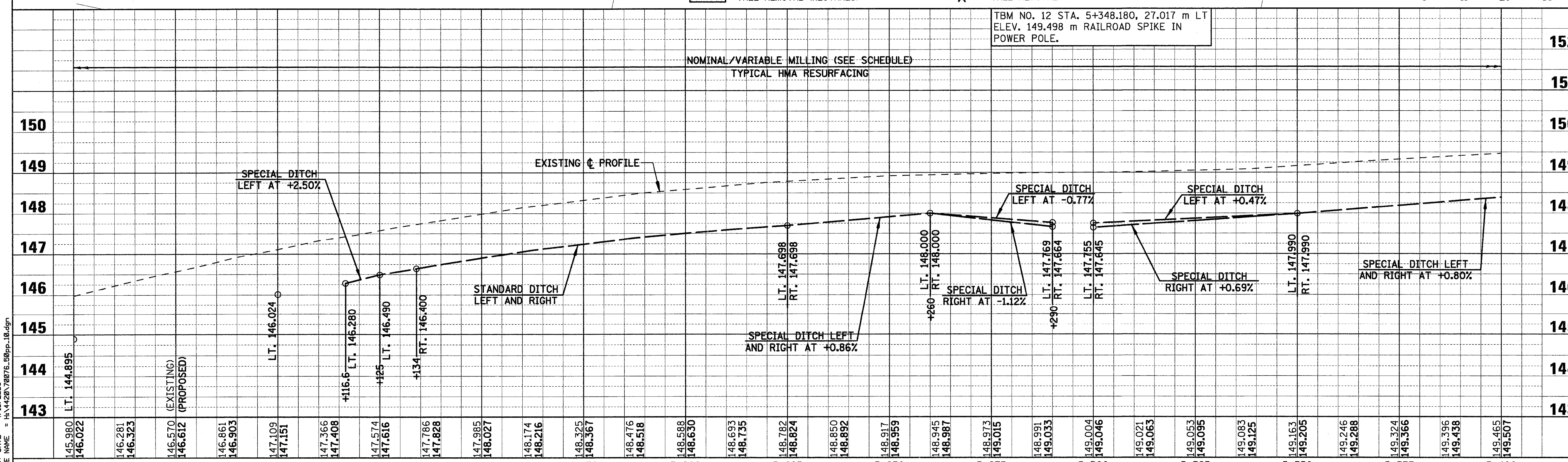
Chain: P_IL33

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	76
STA. 5+050	TO STA. 5+400			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	77
STA. 5+400		TO STA. 5+750		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SEE SPECIAL PROVISIONS FOR SPECIAL AND NON-SPECIAL WASTE WORKING CONDITIONS STA. 5+580 TO STA. 5+820± (0-25 m LEFT)

16.46 m PIPE CULVERTS CLASS D, TYPE 1, 375 2 END SECTIONS, 375

P.E. +466.7 W= 4.6 m

PT CURVE P7 STA. 5+536.529

0.9 m HMA SHOULDER 1.5 m AGG SHOULDER

CONSTRUCTION LIMITS

P.E. +621.5 W= 7.2 m

PIPE CULVERT REMOVAL

16.46 m PIPE CULVERTS CLASS D, TYPE 1, 450 2 END SECTIONS, 450

12.19 m PIPE CULVERTS CLASS D, TYPE 1, 600 2 END SECTIONS, 600

F.E. +720 W= 4.0 m

STONE DUMPED RIPRAP CLASS A4, 122.8 SQ.M.

PROPOSED R.O.W.

EXIST. R.O.W.

MATCHLINE STA. 5+400

MATCHLINE STA. 5+750

5+400 5+450 5+500 5+550 5+600 5+650 5+700

3.35 m

℄ F.A.P. 781 (IL. RTE. 33)

CONSTRUCTION LIMITS

0.9 m HMA SHOULDER 1.5 m AGG SHOULDER

C.E. +518 W= 10.6 m

PIPE CULVERT REMOVAL

C.E. +651.5 W= 10.6 m

PIPE CULVERT REMOVAL

22.56 m PIPE CULVERTS CLASS D, TYPE 1, 375 2 END SECTIONS, 375

STONE DUMPED RIPRAP CLASS A4, 175.1 SQ.M.

21.03 m PIPE CULVERTS CLASS D, TYPE 1, 375 2 END SECTIONS, 375

PIPE CULVERT REMOVAL

LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL

N

SCALE IN METERS 0 10 20 30

NOMINAL/VARIABLE MILLING (SEE SCHEDULE)
TYPICAL HMA RESURFACING

EXISTING ℄ PROFILE

+432.5 LT. 148.650 RT. 148.650

SPECIAL DITCH LEFT AND RIGHT AT -0.85%

+487.5 LT. 148.184 RT. 148.184

STANDARD DITCH LEFT AND RIGHT

+637.5 LT. 146.688 RT. 146.688

SPECIAL DITCH LEFT AND RIGHT AT -0.80%

+745 LT. 145.388 RT. 145.088

SPECIAL DITCH LEFT AT -3.00%

SPECIAL DITCH RIGHT AT -4.50%

	5+400	5+425	5+450	5+475	5+500	5+525	5+550	5+575	5+600	5+625	5+650	5+675	5+700	5+725	5+750
(EXISTING)	149.465	149.505	149.545	149.537	149.509	149.460	149.364	149.268	149.160	149.052	148.934	148.805	148.678	148.551	148.424
(PROPOSED)	149.507	149.547	149.587	149.579	149.551	149.502	149.406	149.310	149.202	149.094	148.976	148.847	148.720	148.593	148.466
	148.294	148.160	148.028	147.901	147.773	147.691	147.612	147.556	147.522	147.491	147.479	147.467	147.455	147.441	
	148.336	148.202	148.070	147.943	147.815	147.733	147.654	147.598	147.564	147.533	147.521	147.509	147.497	147.483	

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PLOT DATE = 4/18/2008
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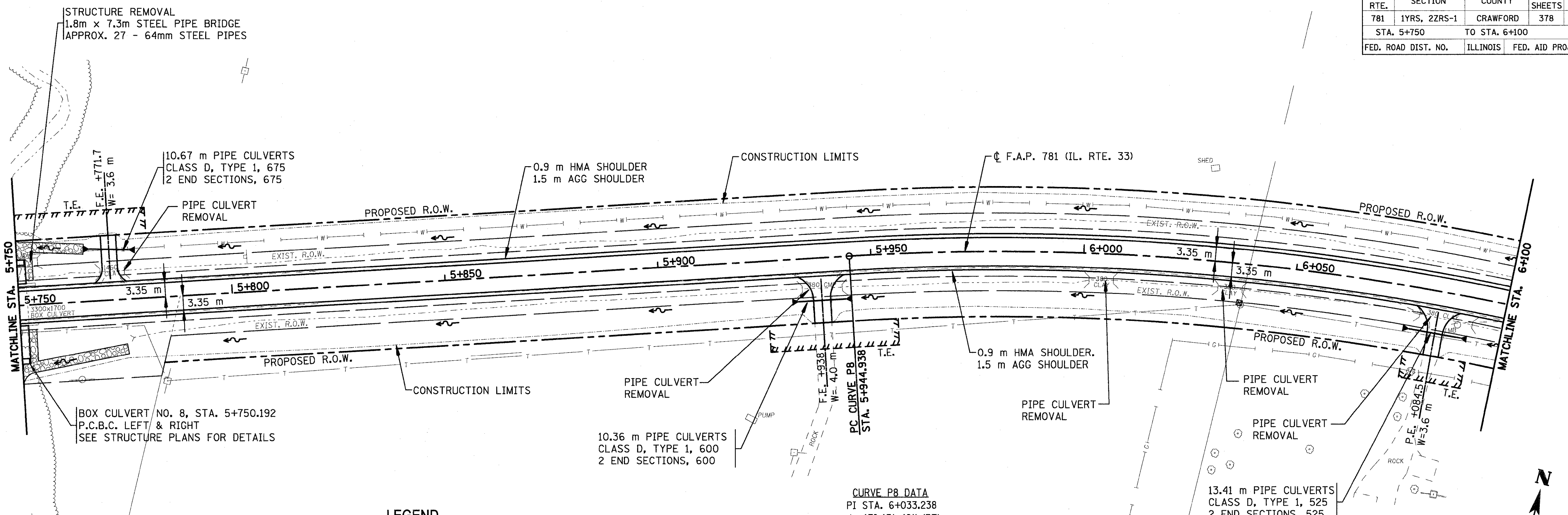
Chain: P_IL33
HMG JOB NO. 4420

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	78
STA. 5+750	TO STA. 6+100			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

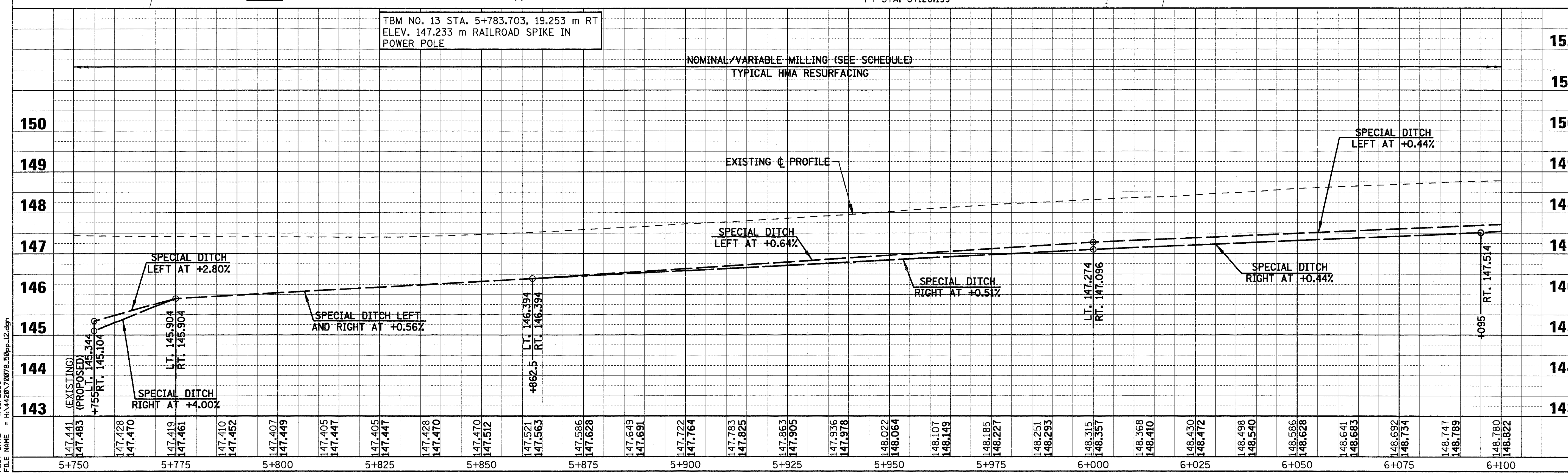


LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL

CURVE P8 DATA
PI STA. 6+033.238
Δ= 17° 15′ 48″ (RT)
T= 88.299 m
R= 581.672 m
L= 175.260 m
E= 6.664 m
e= 5.2%
T.R.= 11.000m
S.E. RUN (L_1)= 37.000m
PC STA. 5+944.938
PT STA. 6+120.199

SCALE IN METERS 0 10 20 30



HMG JOB NO. 4420

PLOT DATE = 4/18/2008
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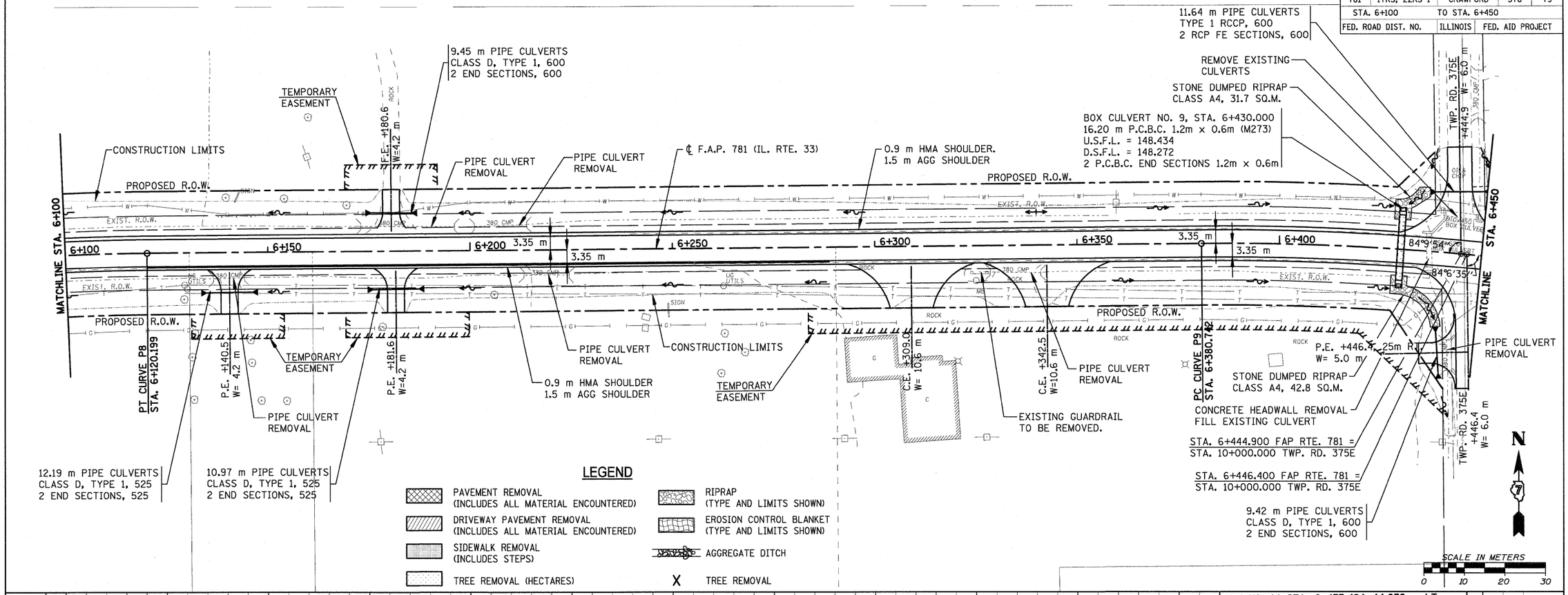
Chain: P_IL33

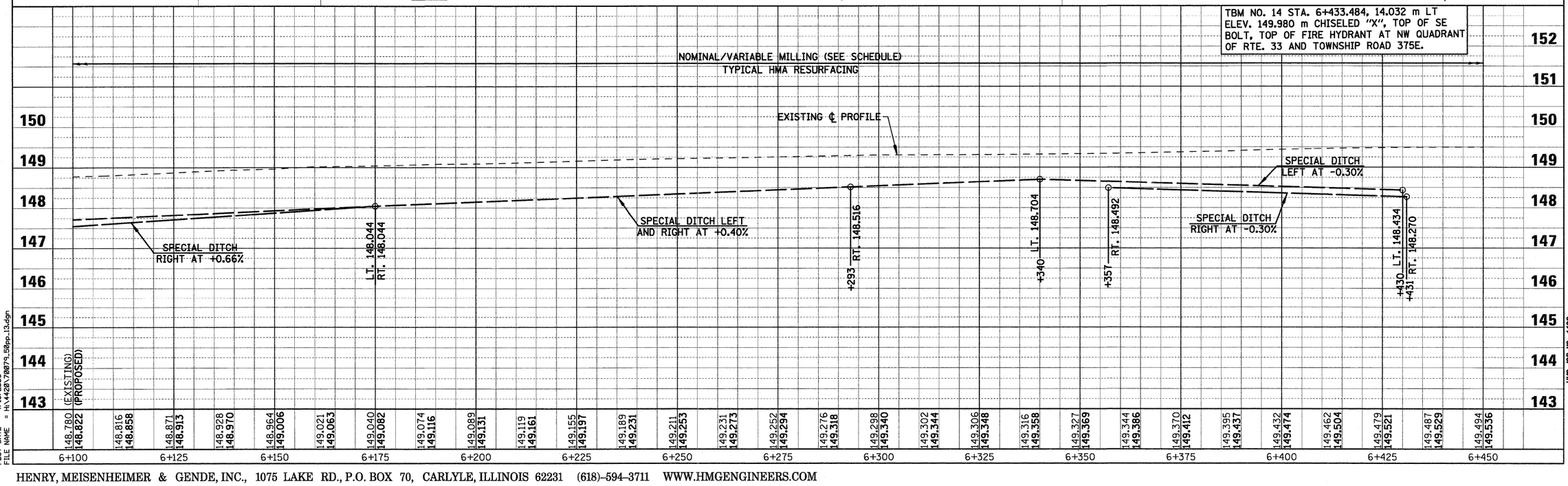
CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	79
STA. 6+100		TO STA. 6+450		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL



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HMG JOB NO. 4420

Sheet: 13
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Chain: P_L33

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	80
STA. 6+450		TO STA. 6+800		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

17.68 m PIPE CULVERTS
CLASS D, TYPE 1, 375
2 END SECTIONS, 375

14.63 m PIPE CULVERTS
CLASS D, TYPE 1, 375
2 END SECTIONS, 375

15.54 m PIPE CULVERTS
CLASS D, TYPE 1, 375
2 END SECTIONS, 375

14.02 m PIPE CULVERTS
CLASS D, TYPE 1, 375
1 END SECTIONS, 375

STA. 6+643.5
2.44 m PIPE CULVERTS
CLASS D, TYPE 1, 300
1 END SECTIONS, 300
1 PIPE TEE 375 PIPE x 300 RISER
U.S. FL.= 148.250

17.68 m PIPE CULVERTS
CLASS D, TYPE 1, 375
1 END SECTIONS, 375

PIPE CULVERT REMOVAL

℄ F.A.P. 781 (IL. RTE. 33)

CONSTRUCTION LIMITS

0.9 m HMA SHOULDER
1.5 m AGG SHOULDER

PROPOSED R.O.W.

EXIST. R.O.W.

PROP. R.O.W.

MATCHLINE STA. 6+450

MATCHLINE STA. 6+800

6+450 6+500 6+550 6+600 6+650 6+700 6+750

C.E. +500 W= 10.6 m

P.E. +562.5 W= 3.9 m

P.E. +592.7 W= 3.8 m

P.E. +636.7 W= 3.6 m

P.E. +652.1 W= 7.2 m

C.E. +483.5 W= 10.6 m

C.E. +524.5 W= 10.6 m

C.E. +572.5 W= 7.3 m

P.E. +632.8 W=4.0 m

P.E. +746.5 W= 5 m

P.E. +784.5 W= 3.6 m

PT CURVE P9
STA. 6+566.330

3.35 m

3.35 m

CONST. LIMITS

0.9 m HMA SHOULDER
1.5 m AGG SHOULDER

16.46 m PIPE CULVERTS
CLASS D, TYPE 1, 375
2 END SECTIONS, 375

14.02 m PIPE CULVERTS
CLASS D, TYPE 1, 375
2 END SECTIONS, 375

12.50 m PIPE CULVERTS
CLASS D, TYPE 1, 450
2 END SECTIONS, 450

12.80 m PIPE CULVERTS
CLASS D, TYPE 1, 450
2 END SECTIONS, 450

16.76 m PIPE CULVERTS
TYPE 1 RCCP, 375
2 END SECTIONS, 375

CURVE P9 DATA
PI STA. 6+473.659
Δ = 16° 14' 09.93" (RT)
T = 92.916 m
R = 651.393 m
L = 184.587 m
E = 6.594 m
e= 4.4%
T.R.= 11.000m
S.E. RUN (L$_s$)= 31.000m
PC STA. 6+380.742
PT STA. 6+565.330

LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL

N

SCALE IN METERS
0 10 20 30

NOMINAL/VARIABLE MILLING (SEE SCHEDULE)
TYPICAL HMA RESURFACING

EXISTING ℄ PROFILE

SPECIAL DITCH LEFT AT +0.50%

+460 LT. 148.625

+470 RT. 148.495

SPECIAL DITCH RIGHT AT +0.60%

+512.5 RT. 148.750

+515 LT. 148.800

+535 LT. 148.807
RT. 148.807

SPECIAL DITCH LEFT AND RIGHT AT -1.00%

LT. 147.657
RT. 147.657

STANDARD DITCH LEFT AND RIGHT

	6+450	6+475	6+500	6+525	6+550	6+575	6+600	6+625	6+650	6+675	6+700	6+725	6+750	6+775	6+800
(EXISTING)	149.536	149.550	149.563	149.574	149.585	149.602	149.622	149.631	149.604	149.578	149.516	149.418	149.318	149.180	149.043
(PROPOSED)	149.494	149.508	149.521	149.532	149.543	149.560	149.580	149.589	149.562	149.536	149.474	149.376	149.276	149.138	149.001
	148.783	148.741	148.652	148.610	148.505	148.463	148.358	148.316	148.220	148.178	148.086	148.044	147.946	147.904	147.797	147.755	147.648	147.606	147.461	147.419	147.273	147.231	147.064	147.022	146.839	146.797

152 151 150 149 148 147 146 145 144 143

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HMG JOB NO. 4420

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Chain: P_IL33

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	81
STA. 6+800		TO STA. 7+150		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CURVE P10 DATA
PI STA. 7+052.666
Δ = 9° 23' 03" (LT)
T = 65.847 m
R = 802.264 m
L = 131.400 m
E = 2.698 m
e= 4.8%
T.R.= 11.000m
S.E. RUN (L$_1$)= 34.000m
PC STA. 6+986.819
PT STA. 7+118.219

17.98 m PIPE CULVERTS
CLASS D, TYPE 1, 375
2 END SECTIONS, 375

SHED TO BE RELOCATED
BY OTHERS

PIPE CULVERT
REMOVAL

PIPE CULVERT
REMOVAL

0.9 m HMA SHOULDER
1.5 m AGG SHOULDER

EROSION CONTROL
BLANKET, 180.0 SQ.M.

PROPOSED R.O.W.

EXIST. R.O.W.

CONST. LIMITS

PC CURVE P10
STA. 6+986.819

C.E. +015
W= 7.2 m

REMOVE WALL AS NEEDED
PAID AS EARTH EXCAVATION

C.E. +090
W= 7.2m

PT CURVE P10
STA. 7+118.219

MATCHLINE STA. 6+800

6+800 | 6+850 | 6+900 | 6+950 | 7+000 | 7+050 | 7+100

3.35 m | 3.35 m | 3.35 m | 3.35 m

MATCHLINE STA. 7+150

P.E. +819.2
W= 4.2 m

T.E.

PROPOSED R.O.W.

EROSION CONTROL
BLANKET, 176.8 SQ.M.

9.75 m PIPE CULVERTS
CLASS D, TYPE 1, 600
2 END SECTIONS, 600

F.E. +905
W= 3.6 m

PIPE CULVERT
REMOVAL

STONE DUMPED RIPRAP
CLASS A4, 122.3 SQ.M.

℄ F.A.P. 781 (IL. RTE. 33)

T.E.

P.E. +071
W= 3.7 m

CONSTRUCTION LIMITS

0.9 m HMA SHOULDER
1.5 m AGG SHOULDER

PIPE CULVERT
REMOVAL

14.33 m PIPE CULVERTS
CLASS D, TYPE 1, 450
2 END SECTIONS, 450

17.07 m PIPE CULVERTS
CLASS D, TYPE 1, 450
2 END SECTIONS, 450

LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL

N

SCALE IN METERS
0 10 20 30

TBM NO. 15 STA. 6+957.353, 9.523 m LT
ELEV. 144.317 m CHISELED SQUARE,
NORTHEAST WINGWALL, TRIPLE RCBC AT
BRUSH CREEK

NOMINAL/VARIABLE MILLING (SEE SCHEDULE) TYP. HMA RESURFACING
NOMINAL MILLING VERTICAL REALIGNMENT
NOMINAL MILLING VERTICAL REALIGNMENT
NOMINAL/VARIABLE MILLING (SEE SCHEDULE) TYP. HMA RESURFACING

60 m V.C.
ex = 0.109

60 m V.C.
ex = 0.060

PI 6+825.000 EL. 146.381
PC 6+841.330 EL. 146.079
PI 6+871.330 EL. 145.524
PT 6+901.330 EL. 145.404
PC 6+922.280 EL. 145.320
PI 6+952.280 EL. 145.200
PT 6+982.280 EL. 145.320
PI 7+100.000 EL. 145.791

-1.85%
-0.40%
+0.40%

PROPOSED ℄ PROFILE
EXISTING ℄ PROFILE

STANDARD DITCH
LEFT AND RIGHT

LT. 144.802
RT. 144.802

SPECIAL DITCH
LEFT AT -2.04%

LT. 144.292

SPECIAL DITCH
RIGHT AT -2.04%

SPECIAL DITCH
RIGHT AT -3.80%

RT. 143.272
+945
RT. 142.512

SPECIAL DITCH
RIGHT AT +3.60%

+960
RT. 142.600
+980
RT. 143.320

SPECIAL DITCH
RIGHT AT +1.40%

LT. 143.285

SPECIAL DITCH
LEFT AT +2.66%

LT. 143.950

SPECIAL DITCH LEFT
AND RIGHT AT +1.40%

LT. 144.720
+080
RT. 145.000

SPECIAL DITCH
RIGHT AT -0.63%

149 | 148 | 147 | 146 | 145 | 144 | 143 | 142 | 141 | 140

	6+800	6+825	6+850	6+875	6+900	6+925	6+950	6+975	7+000	7+025	7+050	7+075	7+100	7+125	7+150
(EXISTING)	146.797	146.571	146.339	146.106	145.886	145.667	145.452	145.233	145.014	144.894	144.775	144.657	144.539	144.551	144.644	144.722	144.818	144.953	145.130	145.273	145.422	145.549	145.639	145.705	145.749	145.798	145.842	145.873	145.899
(PROPOSED)	146.839	146.611	146.364	146.133	145.914	145.732	145.587	145.481	145.412	145.362	145.313	145.278	145.263	145.270	145.298	145.344	145.394	145.444	145.494	145.544	145.594	145.644	145.694	145.744	145.794	145.840	145.884	145.915	145.941

PLOT DATE = 4/18/2008
FILE NAME = H:\4428\70081.50pp_15.dgn

HMG JOB NO. 4420

Sheet: 15
Angle: 346.8299
Chain: P_IL33

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	82
STA. 7+150		TO STA. 7+500		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CURVE P11 DATA
PI STA. 7+419.751
Δ = 9° 10' 39" (LT)
T = 46.658 m
R = 581.332 m
L = 93.117 m
E = 1.869 m
e= 5.0%
T.R.= 11.000m
S.E. RUN (L_1)= 36.000m
PC STA. 7+373.093
PT STA. 7+466.210

10.36 m PIPE CULVERTS
RCCP, TYPE 1, 900
2 RCP FE SECTIONS, 900

14.94 m PIPE CULVERTS
CLASS D, TYPE 1, 900
2 END SECTIONS, 900

11.89 m PIPE CULVERTS
CLASS D, TYPE 1, 900
2 END SECTIONS, 900

9.14 m PIPE CULVERTS
CLASS D, TYPE 1, 750
2 END SECTIONS, 750

12.80 m PIPE CULVERTS
CLASS D, TYPE 1, 750
2 END SECTIONS, 750

20.73 m PIPE CULVERTS
CLASS D, TYPE 1, 375
2 END SECTIONS, 375

CONSTRUCTION LIMITS
PROPOSED R.O.W.
PIPE CULVERT REMOVAL
REMOVE EXISTING CULVERTS
SIDEWALK REMOVAL
CONCRETE FOUNDATION REMOVAL, PARTIAL
STONE DUMPED RIPRAP CLASS A4, 9.4 SQ.M.
STONE DUMPED RIPRAP CLASS A4, 96.3 SQ.M.
STONE DUMPED RIPRAP CLASS A4, 163.1 SQ.M.
STONE DUMPED RIPRAP CLASS A4, 12.5 SQ.M.
0.9 m HMA SHOULDER
1.5 m AGG SHOULDER
0.9 m HMA SHOULDER
2.7 m HMA SHOULDER
BOX CULVERT NO. 10, STA. 7+189.092
P.C.B.C. EXTENSION LEFT& RIGHT
SEE STRUCTURE PLANS FOR DETAILS
BOX CULVERT NO. 11, STA. 7+421.533
P.C.B.C. EXTENSION LEFT& RIGHT
SEE STRUCTURE PLANS FOR DETAILS
STEEL PLATE BEAM GUARDRAIL, TYPE A
TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)
TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)
TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)
STEEL PLATE BEAM GUARDRAIL, TYPE A
TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)
MATCHLINE STA. 7+150
MATCHLINE STA. 7+500
PC CURVE P11 STA. 7+373.093
PT CURVE P11 STA. 7+466.210
℄ F.A.P. 781 (IL. RTE. 33)
P.E. +291.8 W= 4.6 m
P.E. +328.6 W= 4.6 m
P.E. +392.9 W= 4.5 m
P.E. +355 W= 5.5 m
F.E. +377 W= 6 m
F.E. +471.6 W= 3.7 m
F.E. +478.0 W= 3.7 m
660x510 BOX CULVERT
480x450 BOX CULVERT
880x620 BOX CULVERT
7+150
7+200
7+250
7+300
7+350
7+400
7+450
3.35 m
N

LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL

SCALE IN METERS
0 10 20 30

TBM NO. 16 STA. 7+407.990, 20.251 m LT
ELEV. 146.502 m RAILROAD SPIKE IN POWER POLE.

NOMINAL/VARIABLE MILLING (SEE SCHEDULE)
TYPICAL HMA RESURFACING

EXISTING ℄ PROFILE

SPECIAL DITCH RIGHT AT -0.63%
SPECIAL DITCH RIGHT AT +2.00%
SPECIAL DITCH RIGHT AT +0.88%
SPECIAL DITCH LEFT AT +0.90%
SPECIAL DITCH RIGHT AT -0.60%
SPECIAL DITCH LEFT AT +1.15%
SPECIAL DITCH LEFT AT +0.40%
SPECIAL DITCH RIGHT AT +0.33%

+185 RT. 144.465
+195 RT. 144.548
RT. 145.148
+244 LT. 144.184
+345 RT. 146.204
+362.5 RT. 146.494
+418 RT. 146.161
LT. 145.813 RT. 146.158
LT. 146.100

	7+150	7+175	7+200	7+225	7+250	7+275	7+300	7+325	7+350	7+375	7+400	7+425	7+450	7+475	7+500
(EXISTING)	145.899	145.913	145.933	145.983	146.041	146.099	146.157	146.215	146.273	146.341	146.406	146.463	146.513	146.548	146.597
(PROPOSED)	145.941	145.955	145.975	146.025	146.083	146.141	146.199	146.257	146.315	146.383	146.448	146.505	146.555	146.590	146.639
	146.670	146.764	146.815	146.884	146.952	147.007	147.058	147.101	147.129	147.176	147.218	147.255	147.296	147.337	
	146.712	146.806	146.857	146.926	146.994	147.049	147.100	147.143	147.171	147.218	147.260	147.297	147.338	147.379	

PLOT DATE = 4/18/2008
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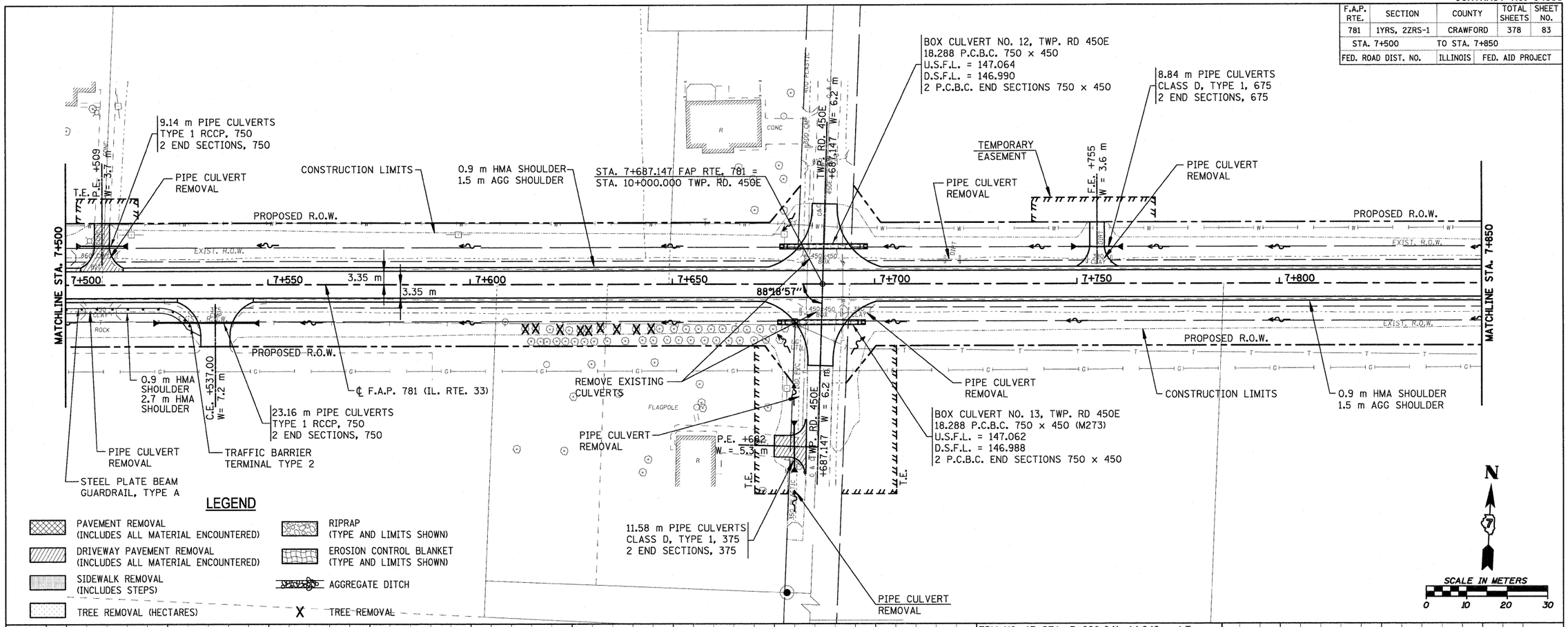
Chain: P_IL33

HMG JOB NO. 4420

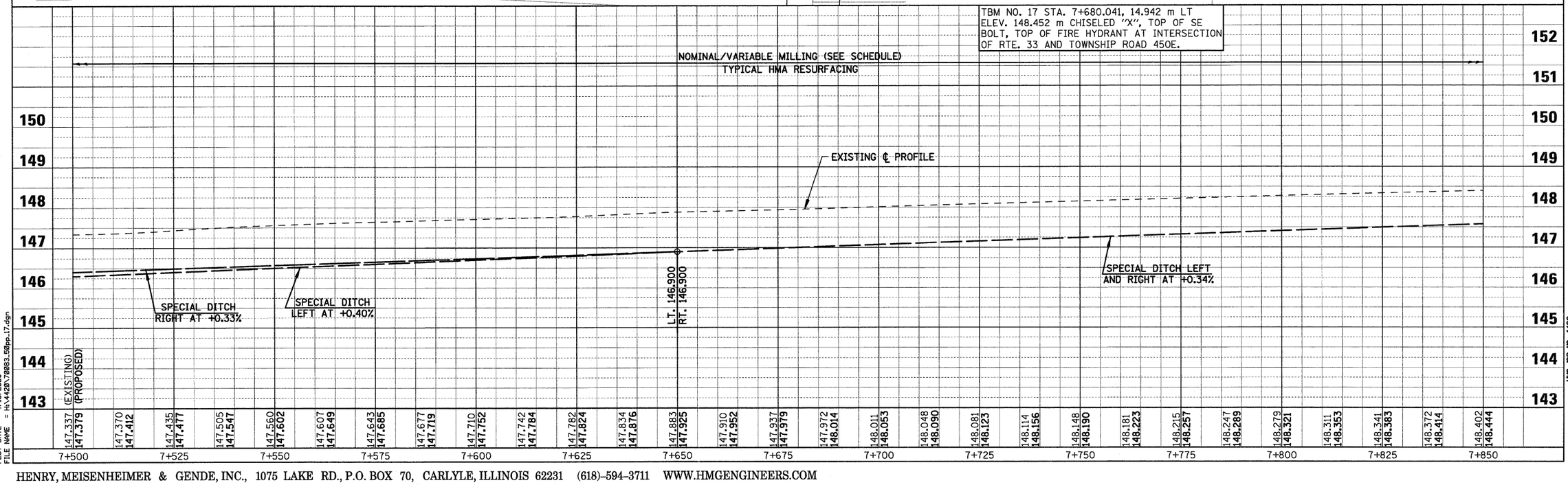
CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	83
STA. 7+500		TO STA. 7+850		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL



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Sheet: 17
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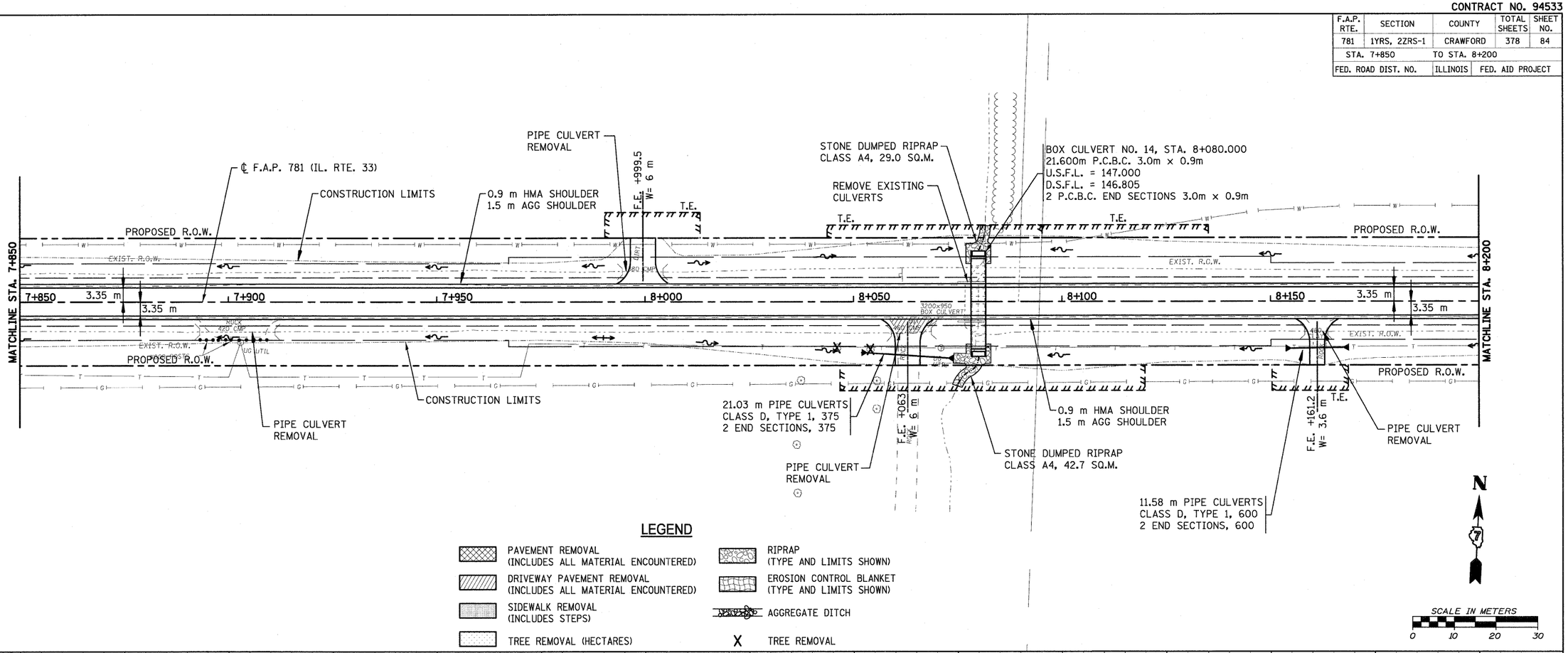
Chain: P_IL33

HMG JOB NO. 4420

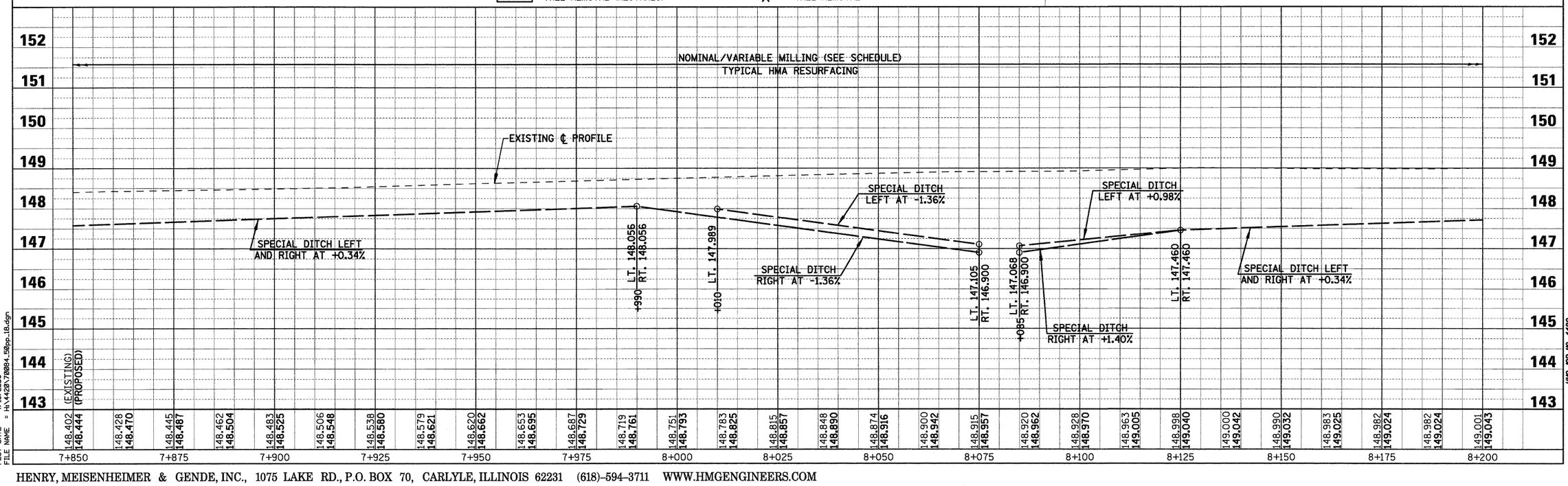
CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	84
STA. 7+850		TO STA. 8+200		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL



PLOT DATE = 4/18/2008
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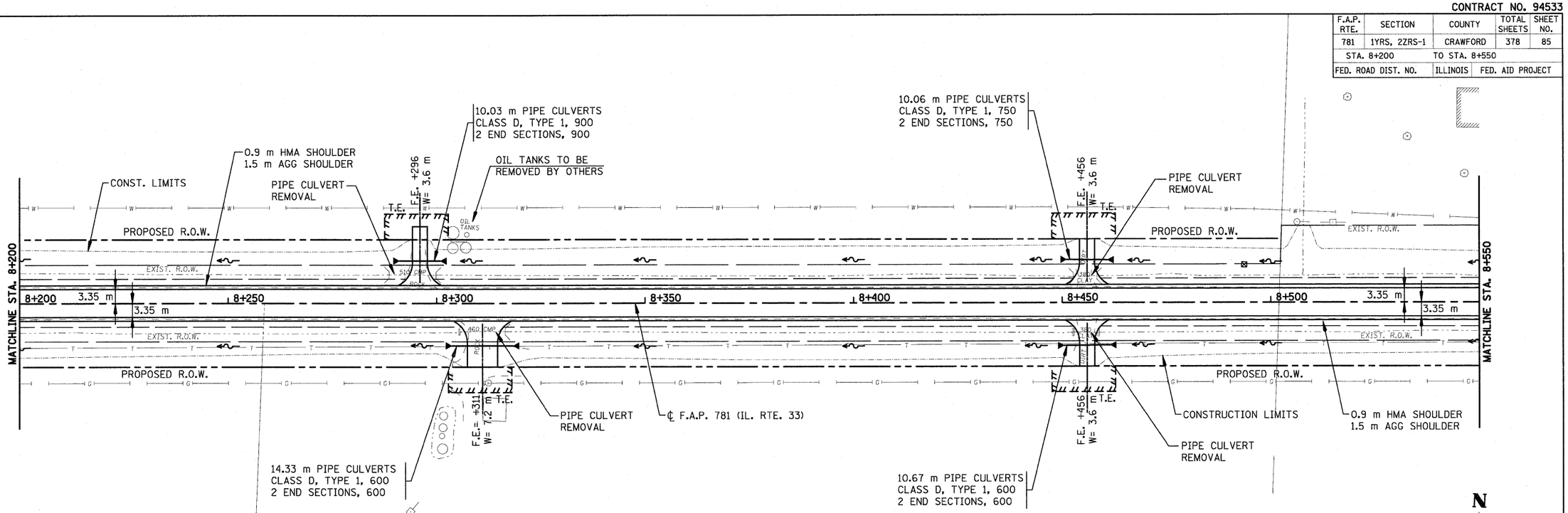
HMG JOB NO. 4420

Sheet: 18
Angle: 2.7862
Chain: P_IL33

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	85
STA. 8+200		TO STA. 8+550		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

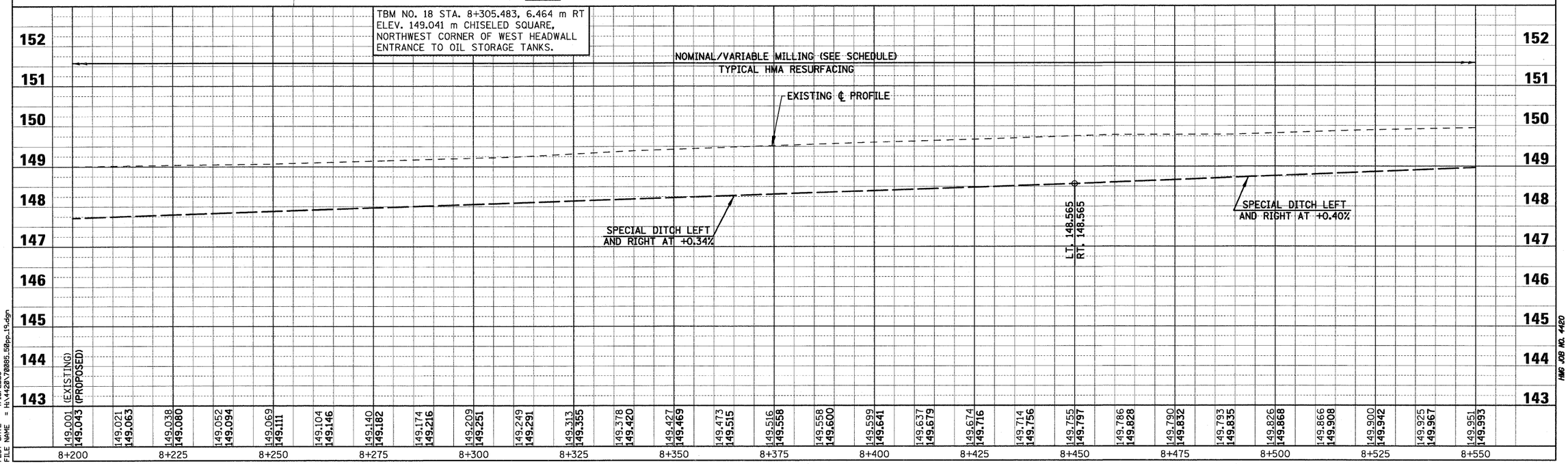


LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL

N

SCALE IN METERS
0 10 20 30



PLOT DATE = 4/18/2008
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HMG JOB NO. 4420

Sheet: 19
Angle: 2.7862
Chain: P_IL33

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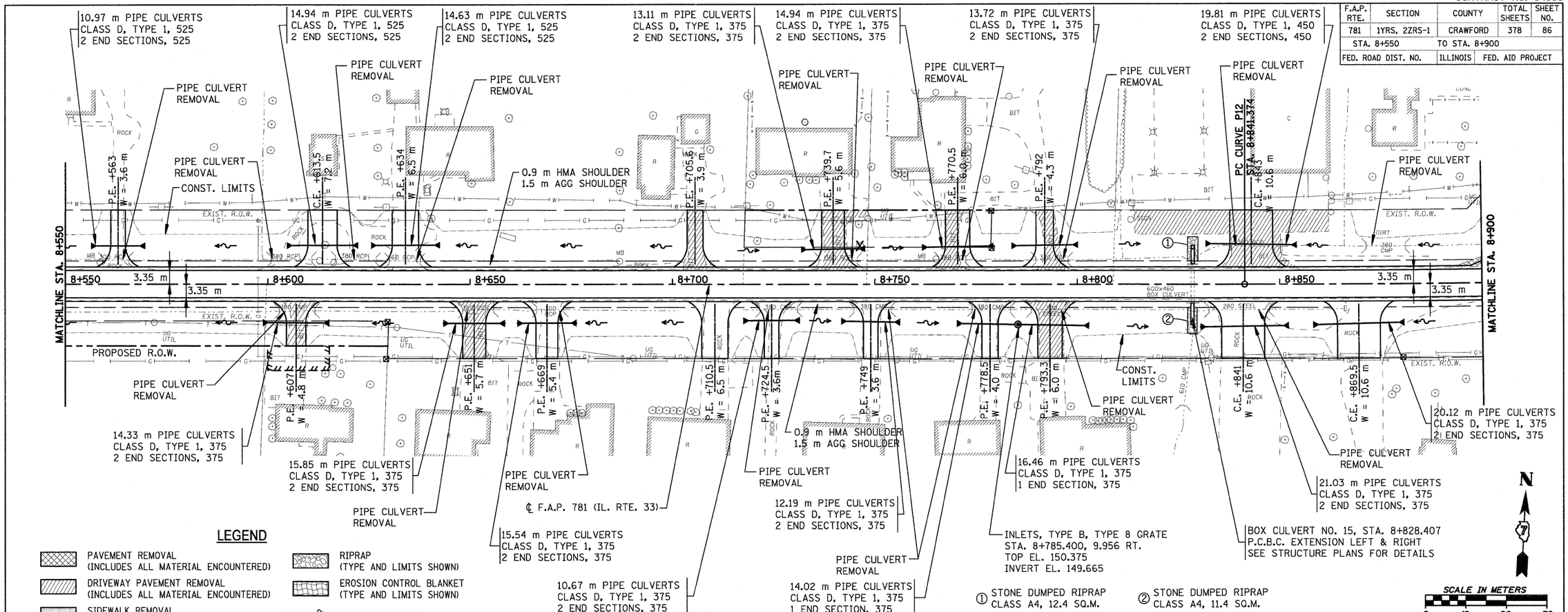
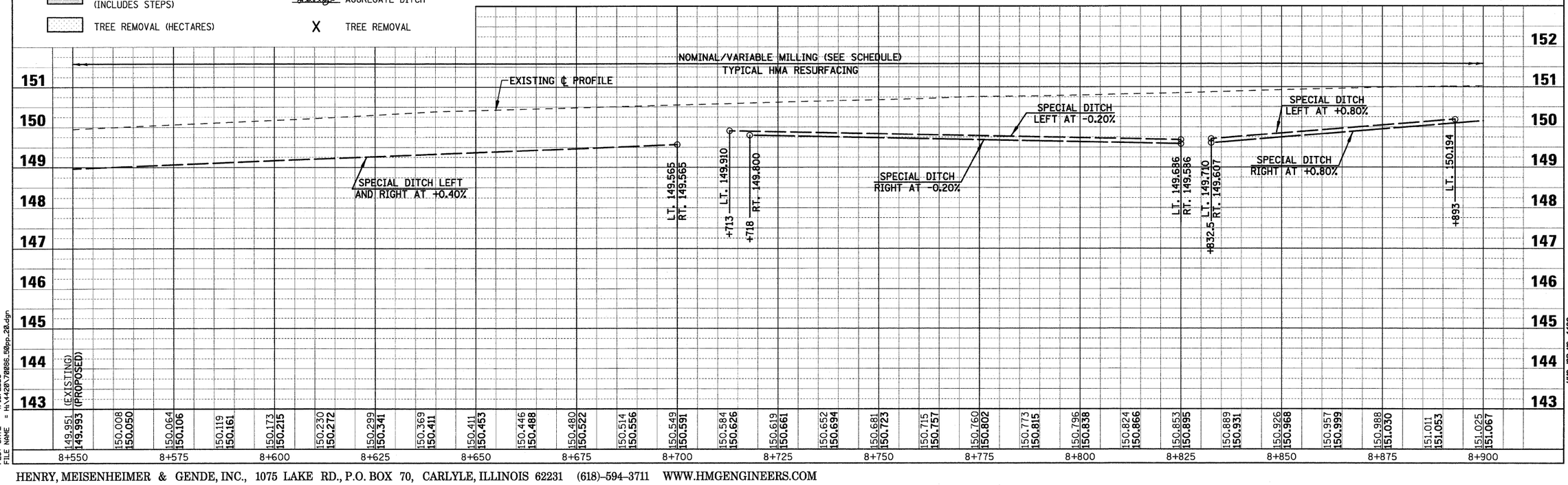
CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	86
STA. 8+550		TO STA. 8+900		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL



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HMG JOB NO. 4420

PLOT DATE = 4/18/2008
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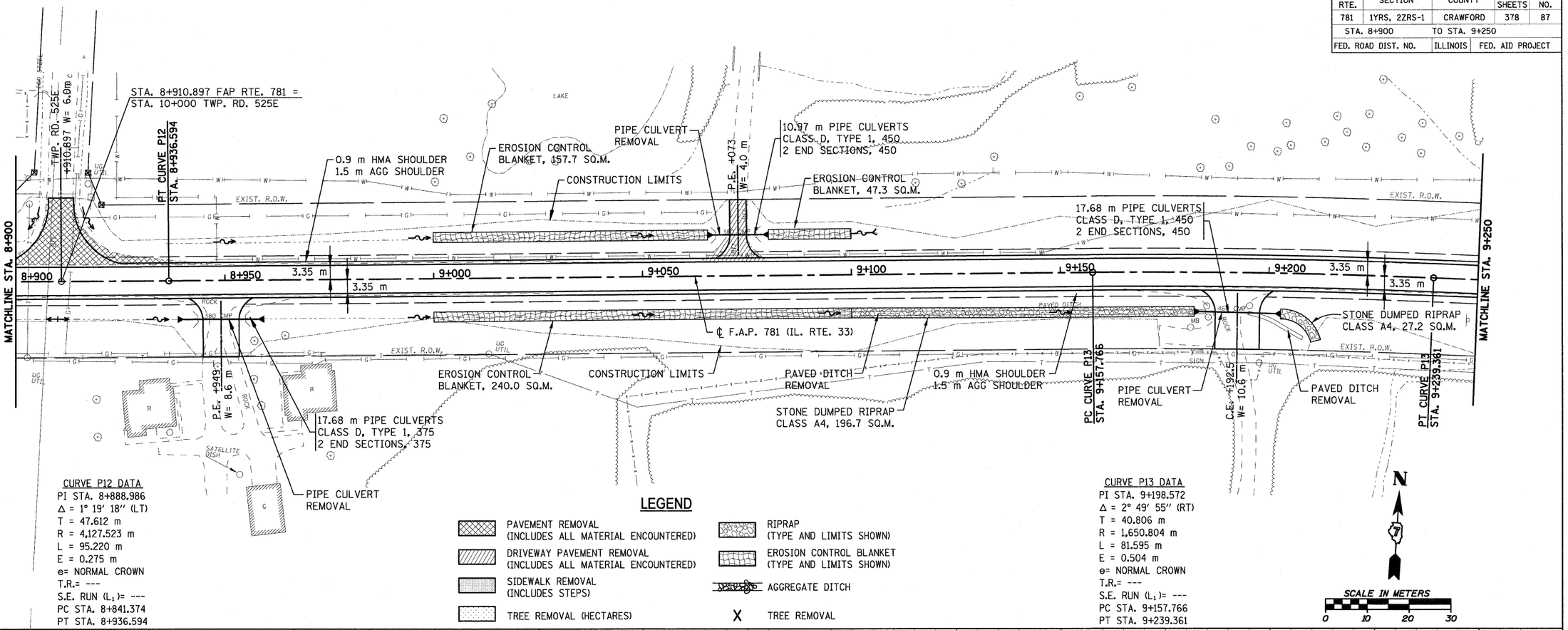
Sheet: 20
Angle: 2.8540
Chain: P_IL33

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	87
STA. 8+900		TO STA. 9+250		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



CURVE P12 DATA
PI STA. 8+888.986
Δ = 1° 19′ 18″ (LT)
T = 47.612 m
R = 4,127.523 m
L = 95.220 m
E = 0.275 m
e= NORMAL CROWN
T.R.= ---
S.E. RUN (L_1)= ---
PC STA. 8+841.374
PT STA. 8+936.594

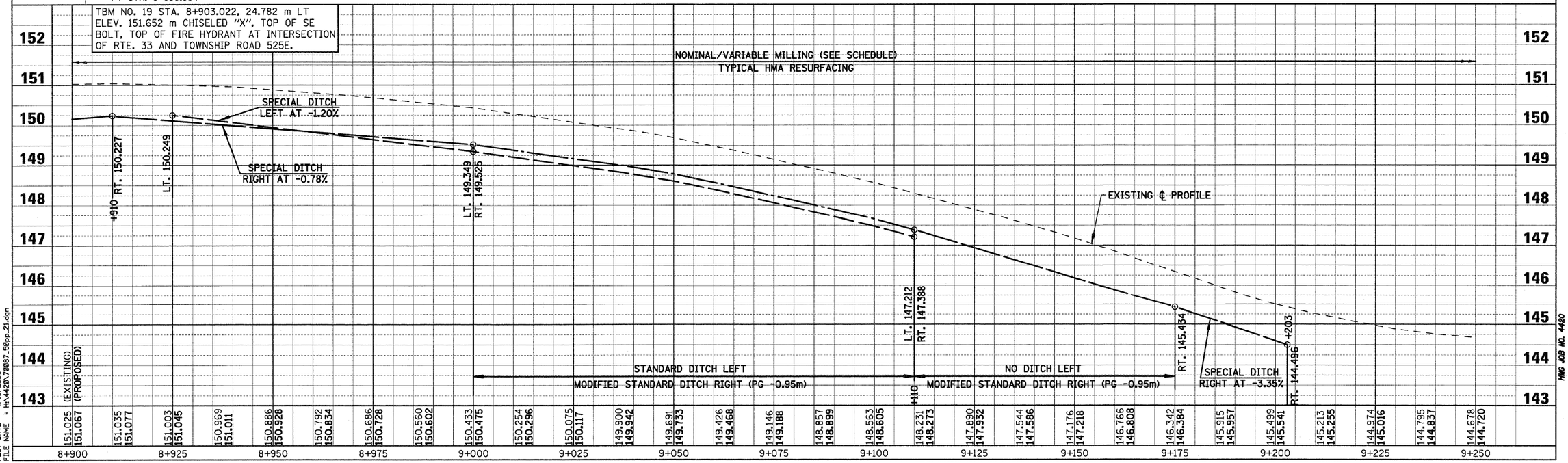
LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL

CURVE P13 DATA
PI STA. 9+198.572
Δ = 2° 49′ 55″ (RT)
T = 40.806 m
R = 1,650.804 m
L = 81.595 m
E = 0.504 m
e= NORMAL CROWN
T.R.= ---
S.E. RUN (L_1)= ---
PC STA. 9+157.766
PT STA. 9+239.361

N

SCALE IN METERS
0 10 20 30



PLOT DATE = 4/18/2008
FILE NAME = H:\1420\78087.50\pp.21.dgn

HMG JOB NO. 1420

Sheet: 21
Angle: 3.6548
Chain: P_IL33

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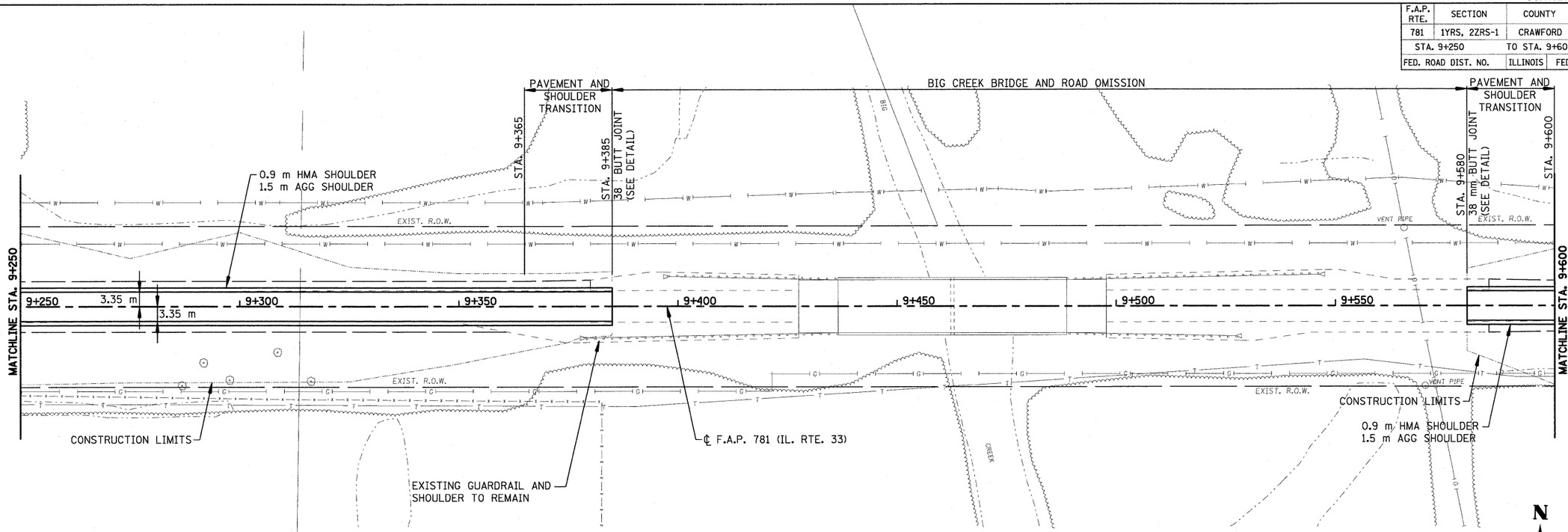
CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	88
STA. 9+250		TO STA. 9+600		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

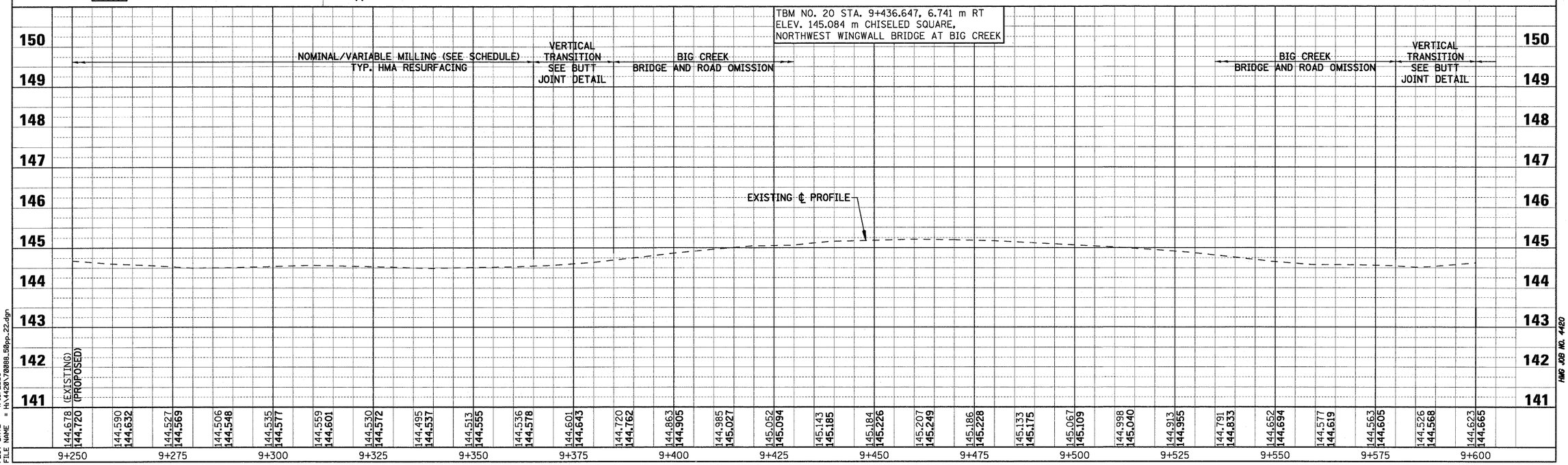


LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL

N

SCALE IN METERS
0 10 20 30



PLOT DATE = 4/18/2008
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HMG JOB NO. 4420

Sheet: 22
Angle: 1.2681
Chain: P_IL33

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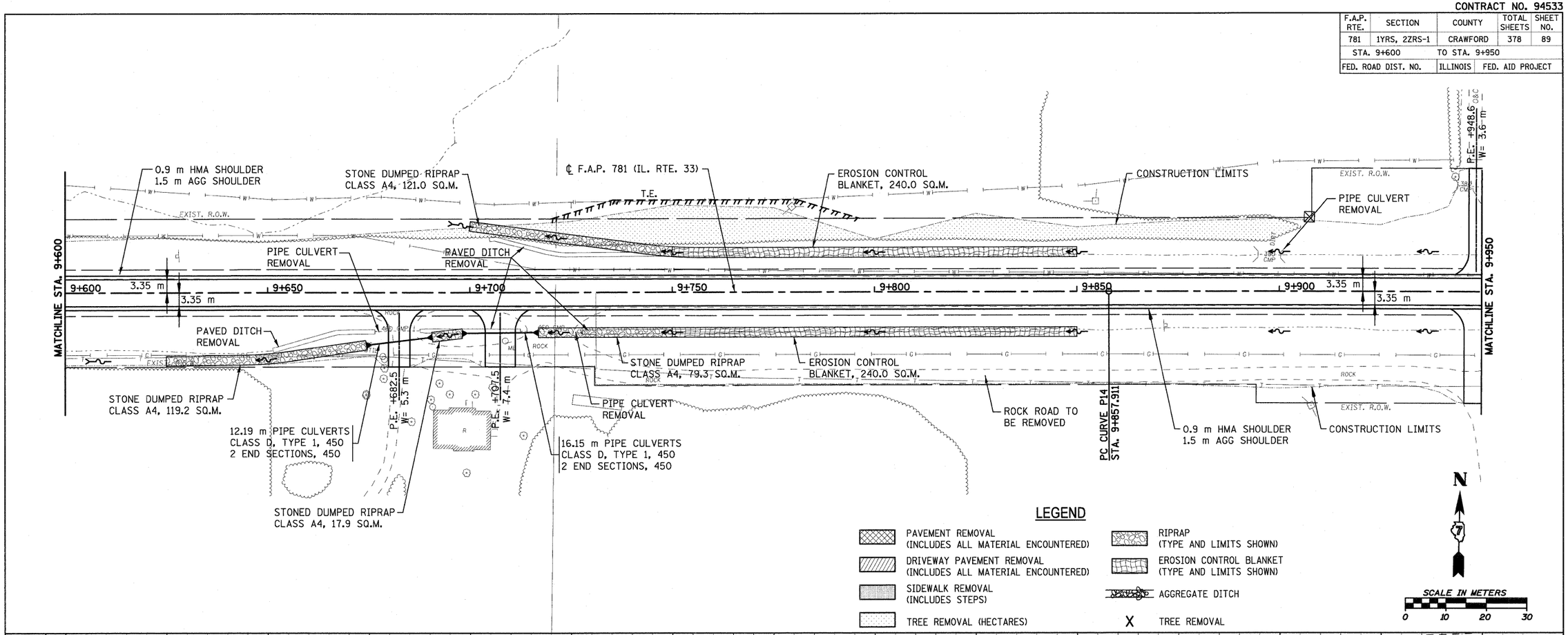
CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	89
STA. 9+600		TO STA. 9+950		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

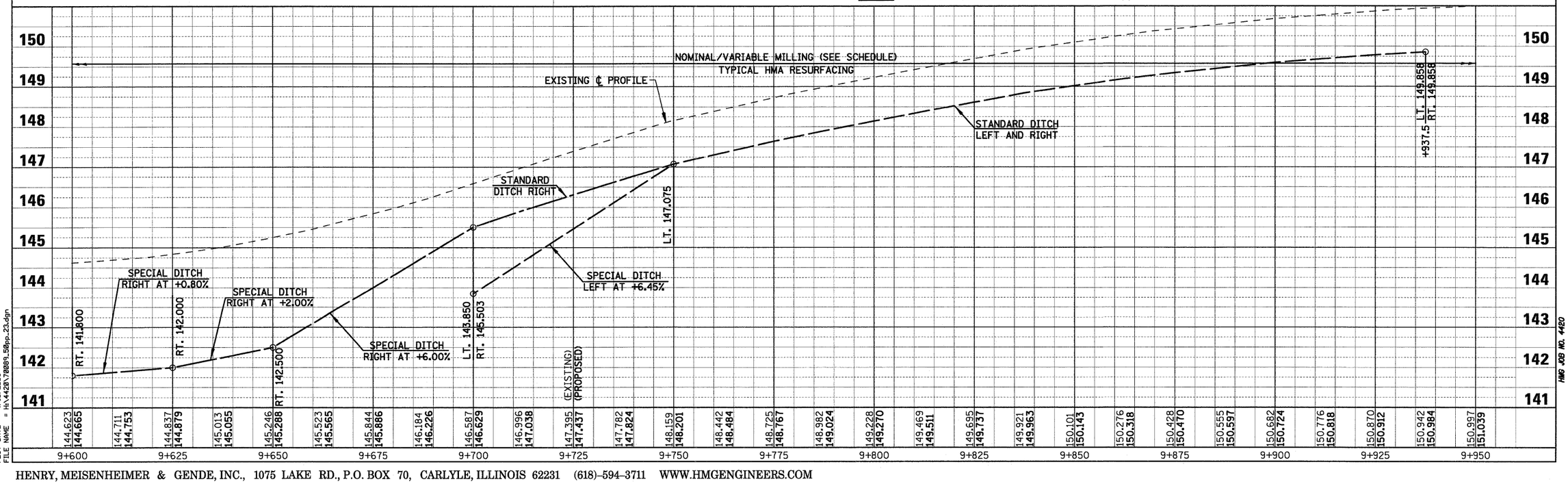


LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL

N

SCALE IN METERS
0 10 20 30



PLOT DATE = 4/18/2008
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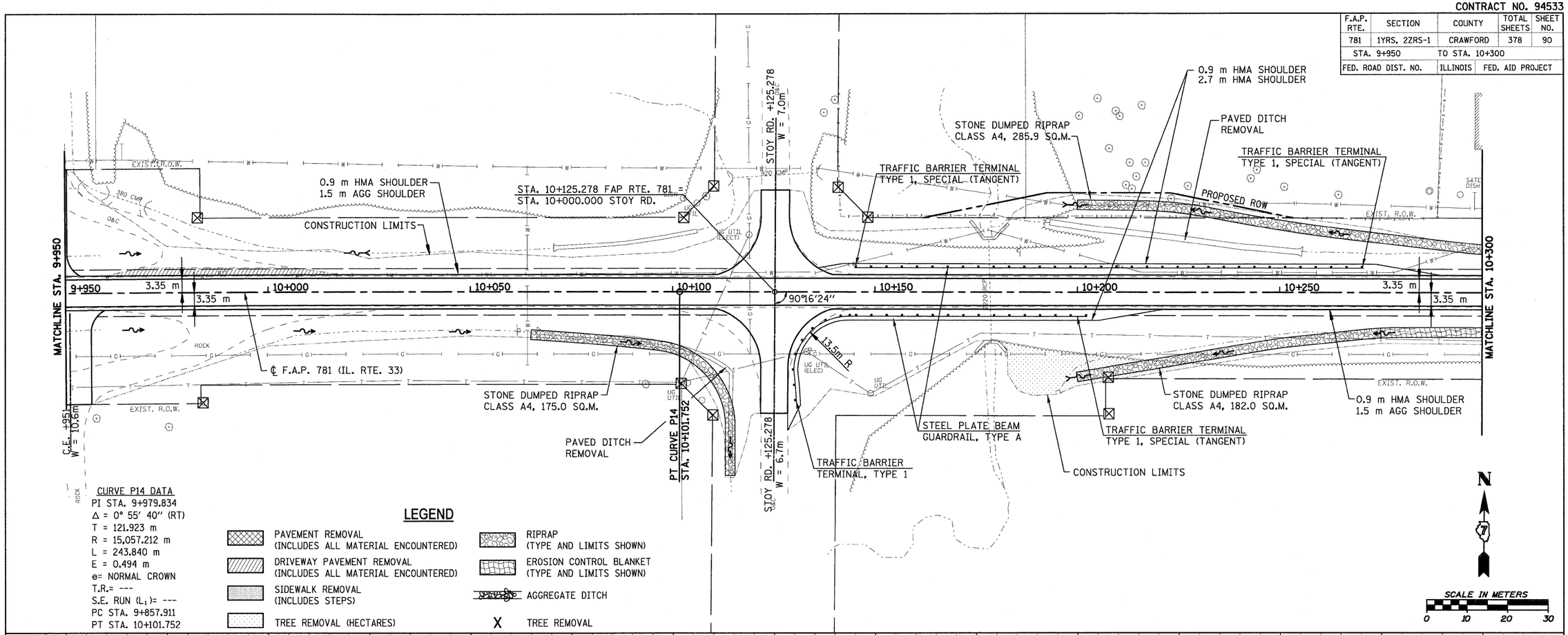
HMG JOB NO. 4420

Sheet: 23
Angle: 1.2233
Chain: P_IL33

CONTRACT NO. 94533

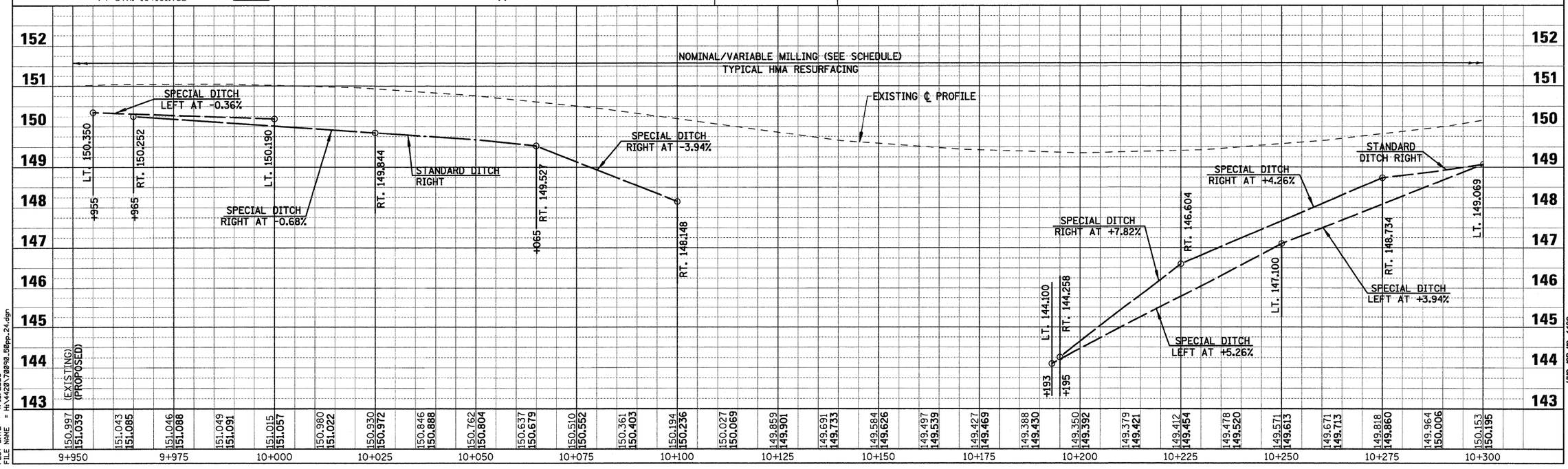
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	90
STA. 9+950		TO STA. 10+300		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



CURVE P14 DATA
PI STA. 9+979.834
Δ = 0° 55' 40" (RT)
T = 121.923 m
R = 15,057.212 m
L = 243.840 m
E = 0.494 m
e= NORMAL CROWN
T.R.= ---
S.E. RUN (L_1)= ---
PC STA. 9+857.911
PT STA. 10+101.752

LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL



PLOT DATE = 4/18/2008
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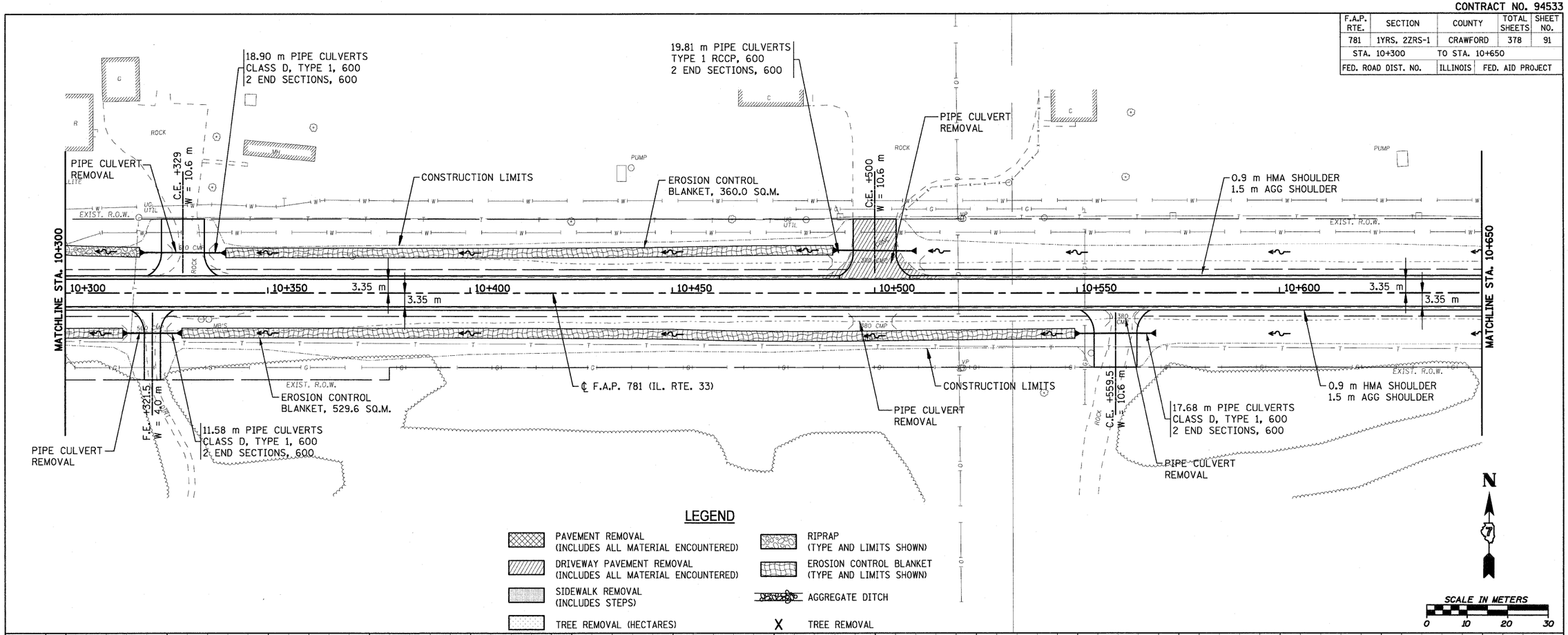
Sheet: 24
Angle: 0.4867
Chain: P_IL33

HMG JOB NO. 4420

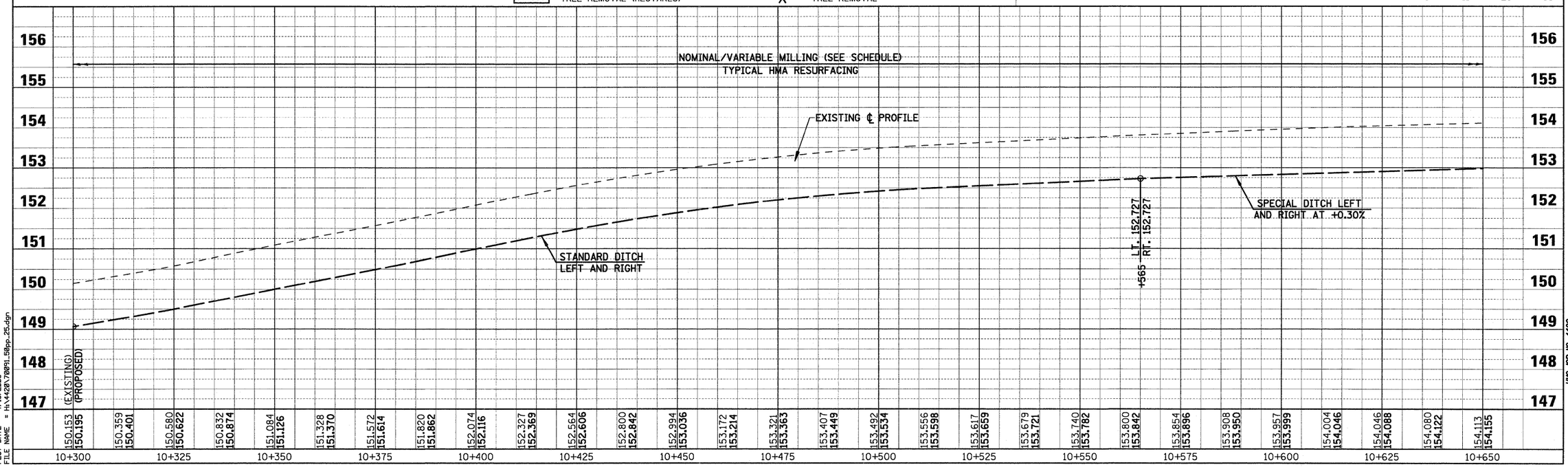
CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	91
STA. 10+300		TO STA. 10+650		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL



PLOT DATE = 4/18/2008
FILE NAME = H:\4420\78091_58pp_25.dgn

Sheet: 25
Angle: 0.3651
Chain: P_IL33

HMG JOB NO. 4420

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CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	92
STA. 10+650	TO STA. 11+000			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

INLETS, TYPE B, TYPE 8 GRATE
STA. 10+736.075, 9.710 LT.
TOP EL. 154.075
INVERT EL. 153.240

17.92 m PIPE CULVERTS
CLASS D, TYPE 1, 600
2 END SECTIONS, 600

14.63 m PIPE CULVERTS
CLASS D, TYPE 1, 600
2 END SECTIONS, 600

11.89 m PIPE CULVERTS
CLASS D, TYPE 1, 450
2 END SECTIONS, 450

21.34 m PIPE CULVERTS
CLASS D, TYPE 1, 450
2 END SECTIONS, 450

14.63 m PIPE CULVERTS
CLASS D, TYPE 1, 450
2 END SECTIONS, 450

10.67 m PIPE CULVERTS
CLASS D, TYPE 1, 450
2 END SECTIONS, 450

PIPE CULVERT REMOVAL

CURVE P15 DATA
PI STA. 10+871.558
Δ = 1° 50′ 24″ (LT)
T = 113.888 m
R = 7,091.872 m
L = 227.756 m
E = 0.914 m
e= NORMAL CROWN
T.R.= ---
S.E. RUN (L_1)= ---
PC STA. 10+757.670
PT STA. 10+985.426

F.E. +705 W= 7.2 m
P.E. +732 W= 3.9 m
P.E. +740 W= 3.6 m
PC CURVE P15 STA. 10+757.670
P.E. +765.5 W= 3.6 m
P.E. +784.8 W= 3.6 m
P.E. +793.9 W= 4.0 m
P.E. +824 W= 7 m
P.E. +915.5 W= 3.6 m
PT CURVE P15 STA. 10+985.426

CONSTRUCTION LIMITS
PROPOSED R.O.W.
EXIST. R.O.W.
MATCHLINE STA. 10+650
MATCHLINE STA. 11+000
10+650 10+700 10+750 10+800 10+850 10+900 10+950
3.35 m 3.35 m 3.35 m 3.35 m

0.9 m HMA SHOULDER
1.5 m AGG SHOULDER

CONST. LIMITS

FIREBAUGH AVE. +736.079 W=6m

C.E. +819.6 W= 7.2 m
C.E. +864 W= 7.2 m
P.E. +920.5 W= 3.6 m

18.70 m PIPE CULVERTS
TYPE 1 RCCP, 600
2 P.R.C. FLARED END
SECTIONS, 600

14.33 m PIPE CULVERTS
CLASS D, TYPE 1, 450
2 END SECTIONS, 450

10.06 m PIPE CULVERTS
CLASS D, TYPE 1, 450
2 END SECTIONS, 450

STA. 10+736.079 FAP RTE. 781 =
STA. 10+000.000 FIREBAUGH AVE.

℄ F.A.P. 781 (IL. RTE. 33)

N

SCALE IN METERS
0 10 20 30

LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL

NOMINAL/VARIABLE MILLING (SEE SCHEDULE)
TYPICAL HMA RESURFACING

EXISTING ℄ PROFILE

SPECIAL DITCH LEFT AND RIGHT AT +0.30%

	10+650	10+675	10+700	10+725	10+750	10+775	10+800	10+825	10+850	10+875	10+900	10+925	10+950	10+975	11+000
(EXISTING)	154.113	154.136	154.158	154.183	154.209	154.236	154.264	154.290	154.323	154.357	154.390	154.419	154.449	154.478	154.507
(PROPOSED)	154.155	154.178	154.200	154.225	154.251	154.278	154.306	154.332	154.365	154.399	154.432	154.461	154.491	154.520	154.549
	154.536	154.566	154.595	154.624	154.654	154.674	154.692	154.709	154.724	154.739	154.741	154.742	154.760	154.794	
	154.578	154.608	154.637	154.666	154.696	154.716	154.734	154.751	154.766	154.781	154.783	154.784	154.802	154.836	

156 155 154 153 152 151 150 149 148 147

PLOT DATE = 4/18/2008
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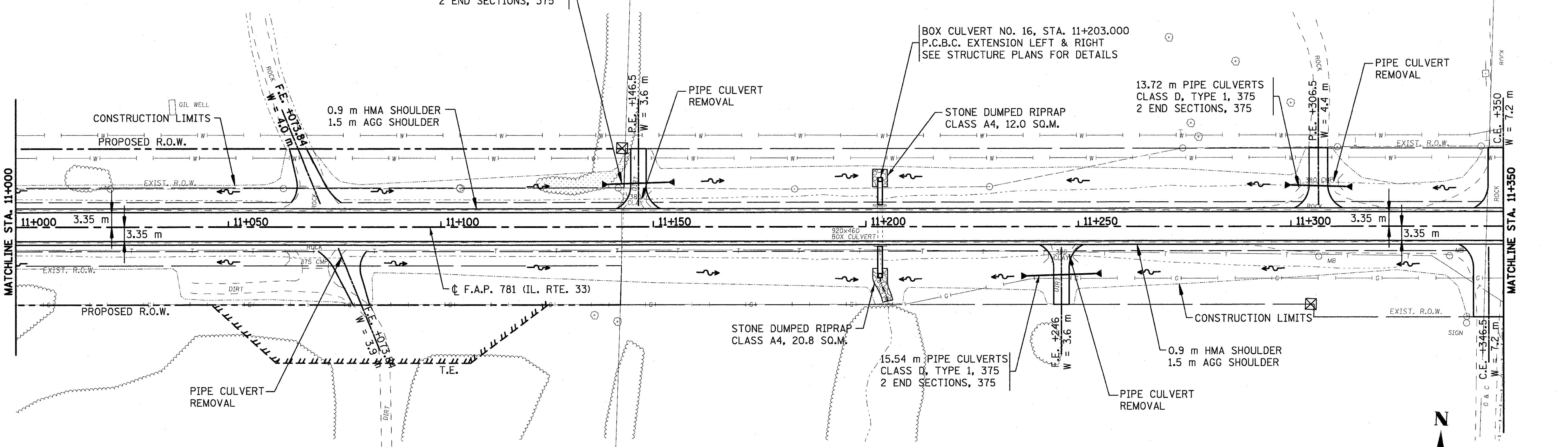
Chain: P_IL33

HMG JOB NO. 4420

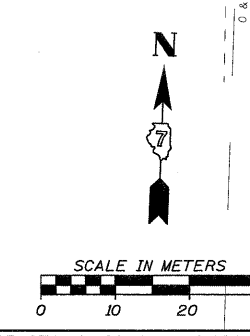
CONTRACT NO. 94533

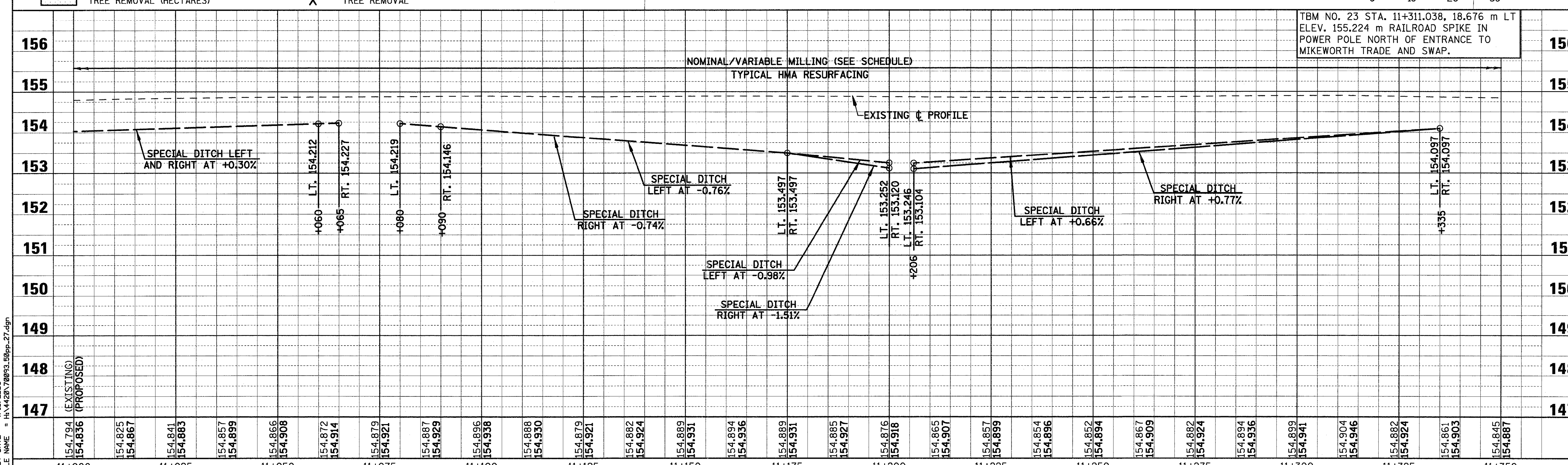
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	93
STA. 11+000	TO STA. 11+350			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND

- ▨ PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- ▨ DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- ▨ SIDEWALK REMOVAL (INCLUDES STEPS)
- ▨ TREE REMOVAL (HECTARES)
- ▨ RIPRAP (TYPE AND LIMITS SHOWN)
- ▨ EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL





HMG JOB NO. 4420

PLOT DATE = 4/18/2008
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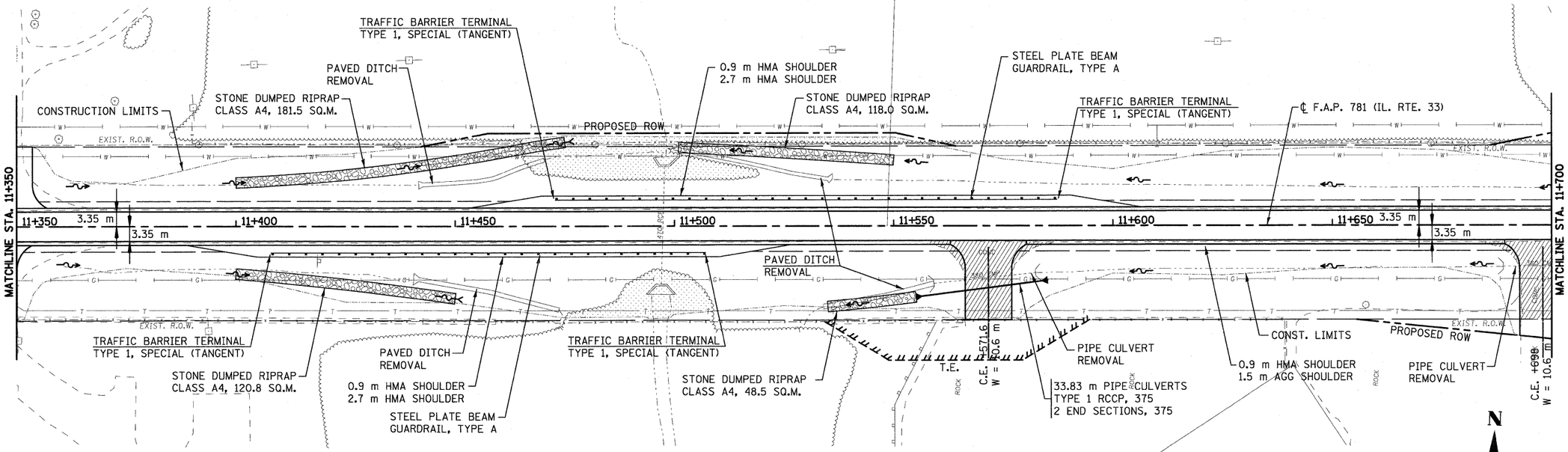
Chain: P_IL33

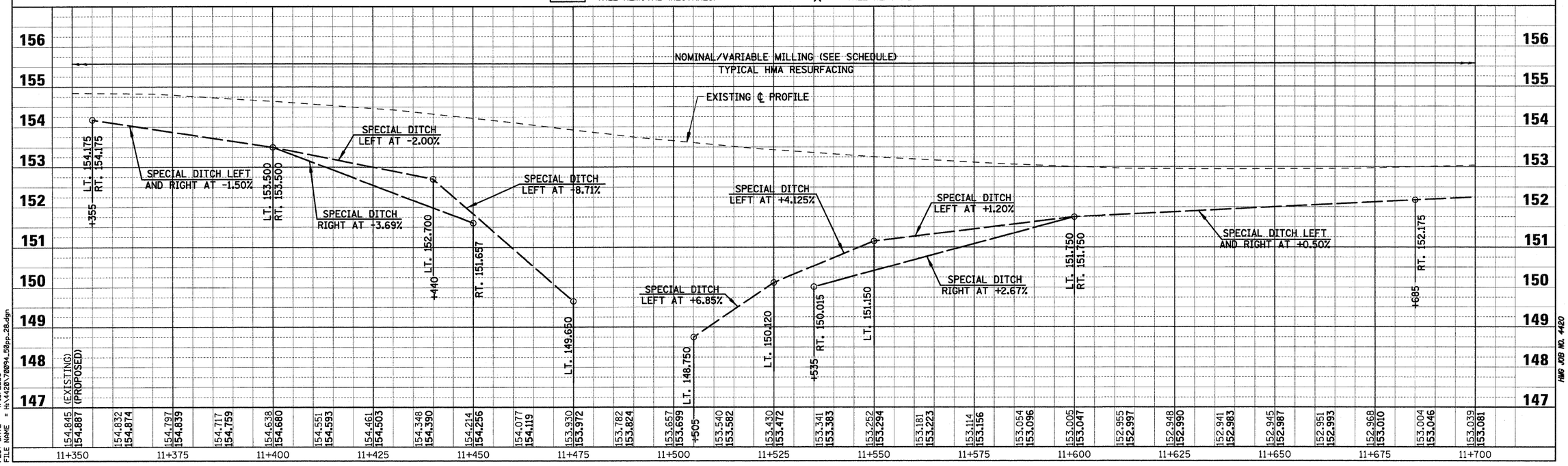
CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	94
STA. 11+350		TO STA. 11+700		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL



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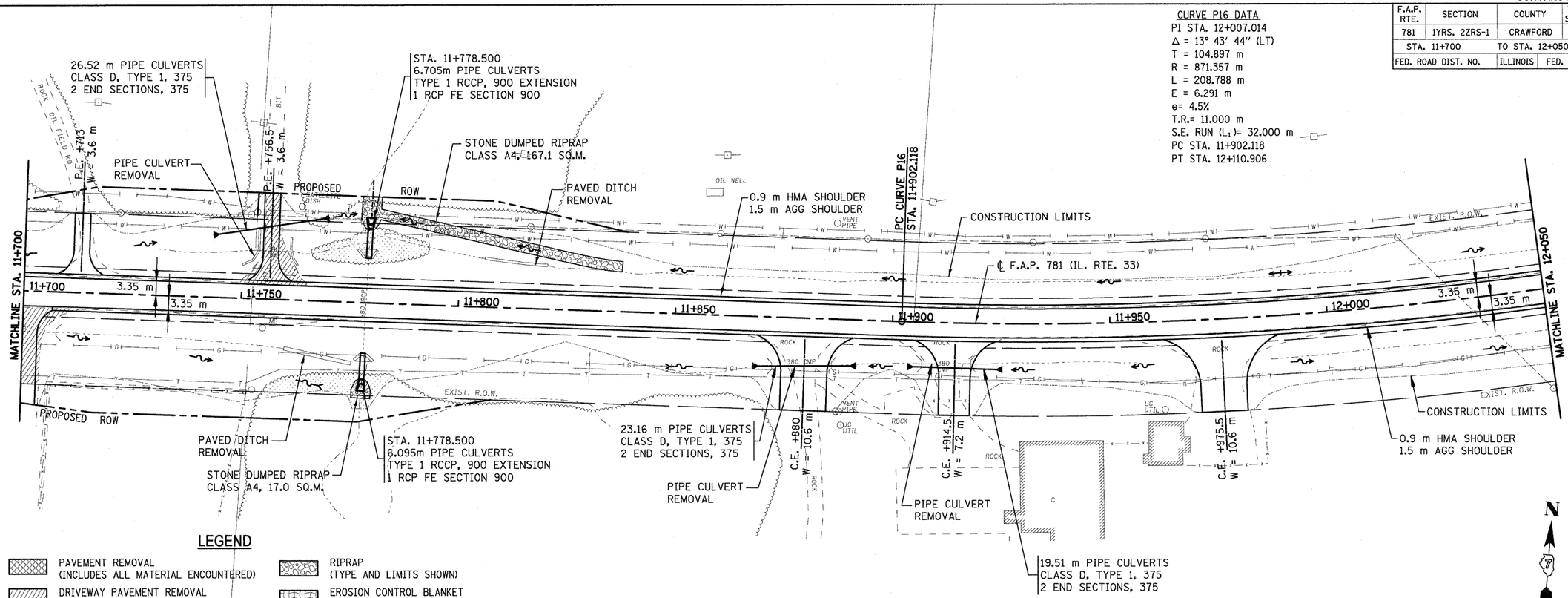
Chain: P_IL33

HMG JOB NO. 4420

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	95
STA. 11+700		TO STA. 12+050		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CURVE P16 DATA
PI STA. 12+007.014
Δ = 13° 43' 44" (LT)
T = 104.897 m
R = 871.357 m
L = 208.788 m
E = 6.291 m
e= 4.5%
T.R.= 11.000 m
S.E. RUN (L_1)= 32.000 m
PC STA. 11+902.118
PT STA. 12+110.906

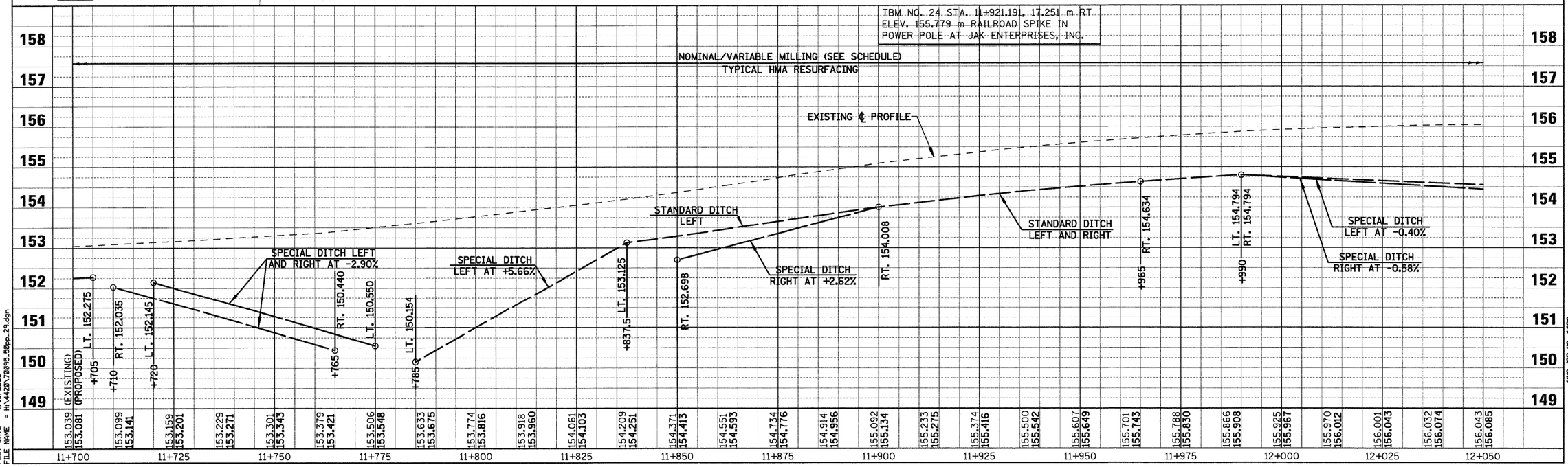


LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL

N

SCALE IN METERS
0 10 20 30



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HMG JOB NO. 4420

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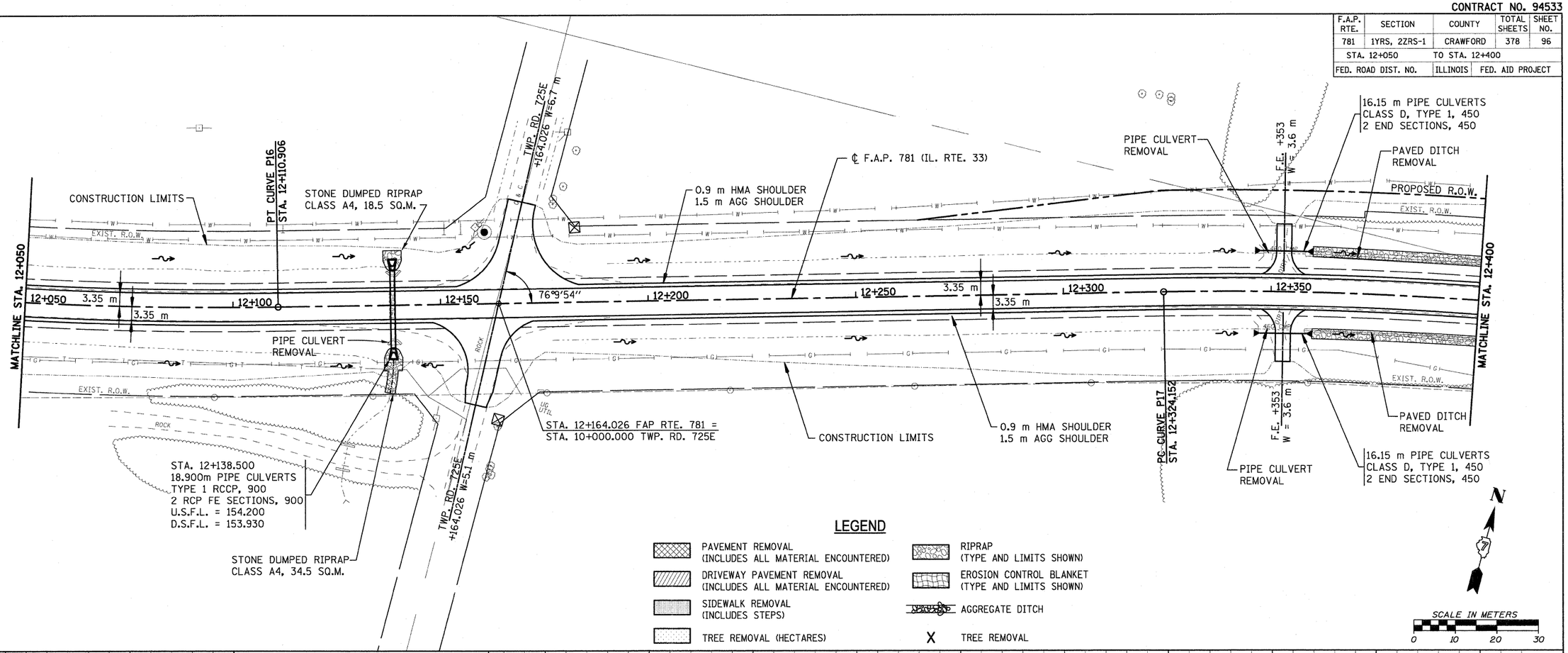
Chain: P_IL33

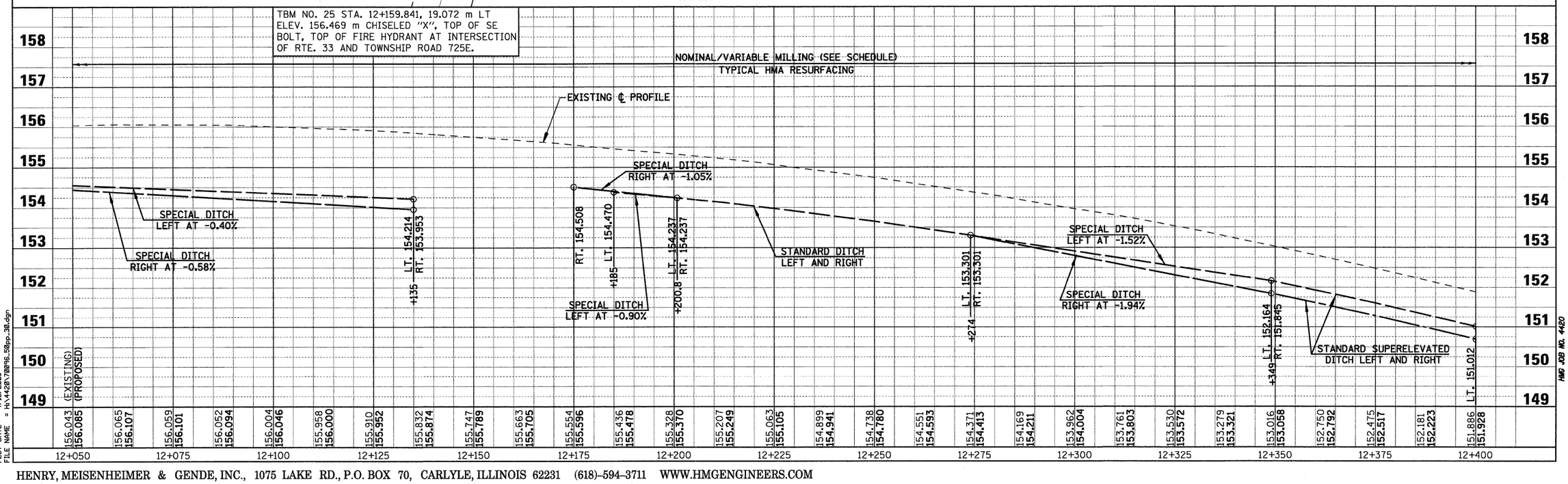
CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	96
STA. 12+050		TO STA. 12+400		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL



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HMG JOB NO. 4420

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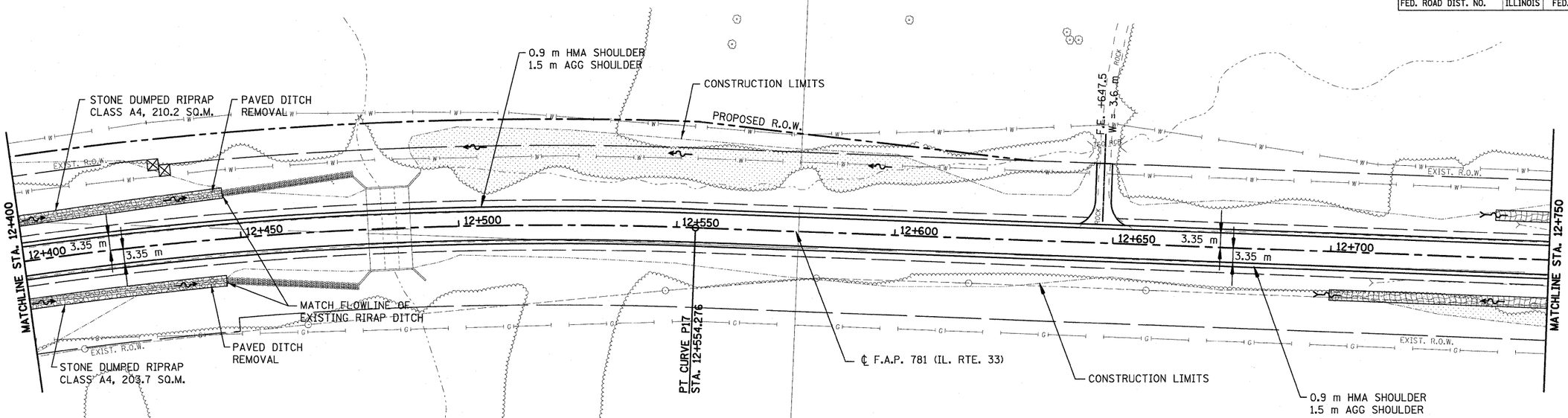
Chain: P_IL33

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	97
STA. 12+400		TO STA. 12+750		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



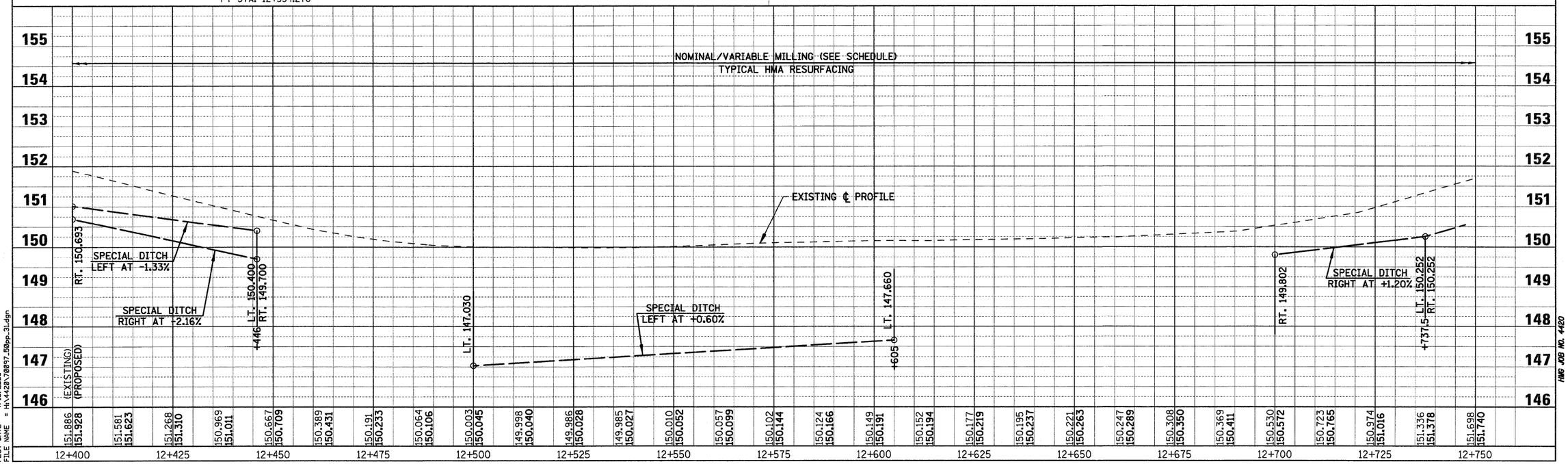
CURVE P17 DATA
PI STA. 12+439.894
Δ = 15° 12′ 19″ (RT)
T = 115.742 m
R = 867.140 m
L = 230.124 m
E = 7.690 m
e= 4.6%
T.R.= 11.000 m
S.E. RUN (L_1)= 33.000 m
PC STA. 12+324.152
PT STA. 12+554.276

LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL

N

SCALE IN METERS
0 10 20 30



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HMG JOB NO. 4420

Sheet: 31
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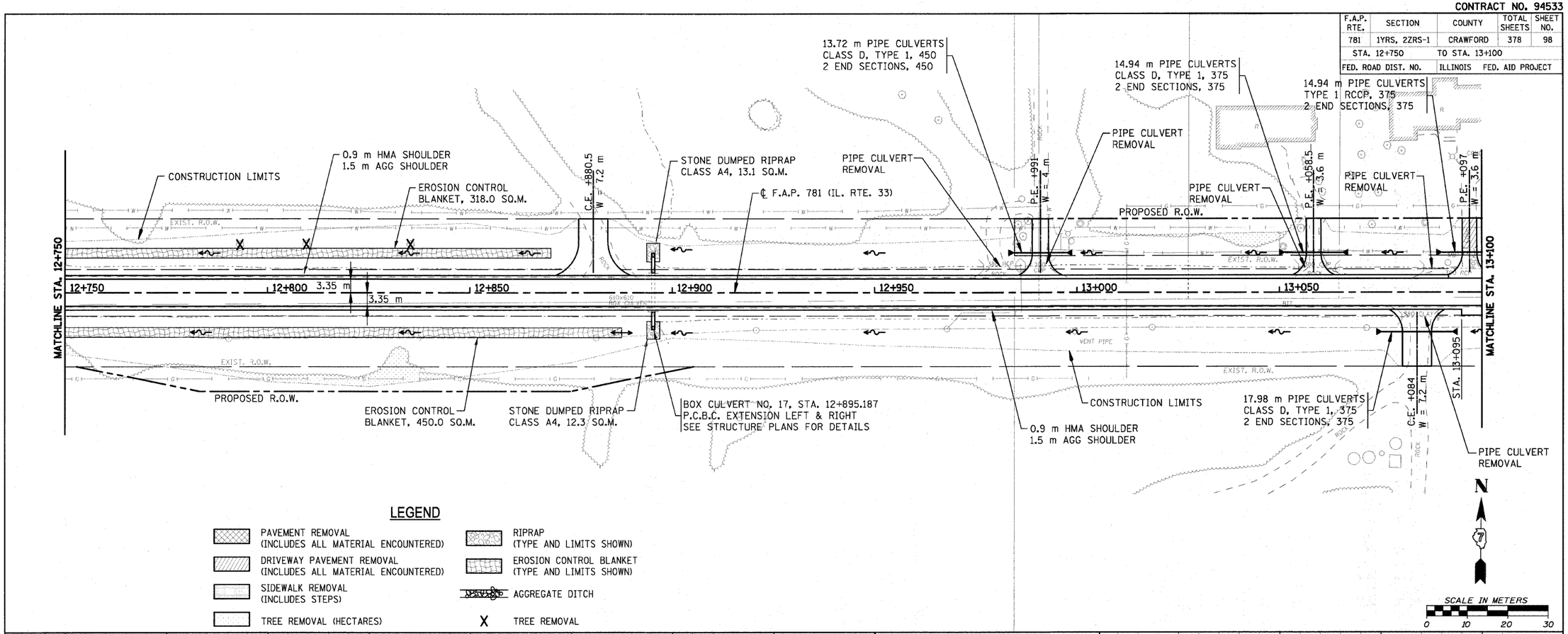
Chain: P_IL33

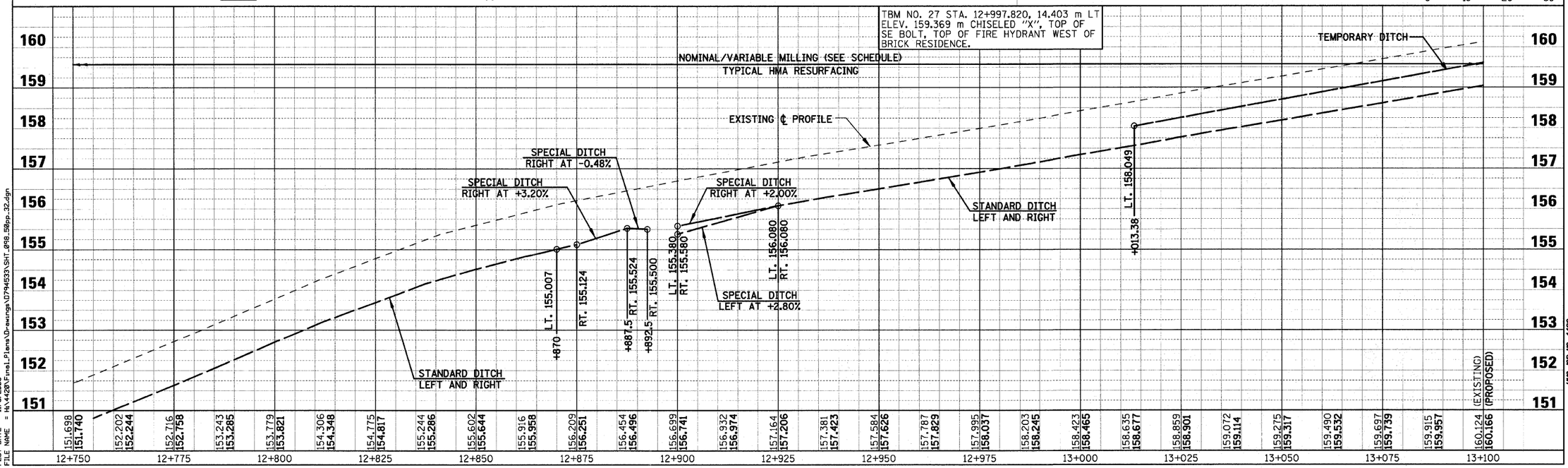
CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	98
STA. 12+750		TO STA. 13+100		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL



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Chain: P_IL33

HMG JOB NO. 4420

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	99
STA. 13+100		TO STA. 13+450		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

27.36 m PIPE CULVERTS
CLASS D, TYPE 1, 375mm
2 END SECTIONS, 375mm

PC CURVE P18
STA. 13+143.500

15.24 m PIPE CULVERTS
CLASS D, TYPE 1, 375
2 END SECTIONS, 375

14.94 m PIPE CULVERTS
CLASS D, TYPE 1, 375
2 END SECTIONS, 375

16.46 m PIPE CULVERTS
CLASS D, TYPE 1, 375
2 END SECTIONS, 375

CURVE P18 DATA
PI STA. 13+297.116
Δ = 5° 44′ 12″ (LT)
T = 153.616 m
R = 3,066.000 m
L = 306.975 m
E = 3.846 m
e= NORMAL CROWN
T.R.= ---
S.E. RUN (L$_1$)= ---
PC STA. 13+143.500
PT STA. 13+450.475

13.72 m PIPE CULVERTS
CLASS D, TYPE 1, 375
2 END SECTIONS, 375

PIPE CULVERT REMOVAL

P.E. +127.5 W = 5.2 m

P.E. +140.5 W = 3.6 m

P.E. +163.5 W = 3.6 m

PIPE CULVERT REMOVAL

PROP. R.O.W.

P.E. +205.5 W = 3.6 m

CONST. LIMITS

P.E. +246 W = 6.0 m

BUILDING NO. 1 REMOVAL

P.E. +290 W = 3.6 m

C.E. +328.5 W = 7.2 m

STONE DUMPED RIPRAP CLASS A4, 14.4 SQ.M.

PIPE CULVERT REMOVAL

TWP. RD. 800E +391.693 W=6.7m

STA. 13+391.693 FAP. RTE. 781 =
STA. 10+000.000 TWP. RD. 800E

PIPE CULVERT REMOVAL

PROPOSED R.O.W.

EXIST. R.O.W.

MATCHLINE STA. 13+100

13+100 13+150 3.35 m 3.35 m 13+200 13+250 13+300 13+350 13+400

85°29′26″

MATCHLINE STA. 13+450

2.4 m HMA SHOULDER

℄ F.A.P. 781 (IL. RTE. 33)

PIPE CULVERT REMOVAL

PIPE CULVERT REMOVAL

BOX CULVERT NO. 18, STA. 13+375.000
16.200m P.C.B.C. 900 x 450
U.S.F.L. = 161.124
D.S.F.L. = 161.004
2 P.C.B.C. END SECTIONS 900 x 450

EXIST. R.O.W.

PROPOSED R.O.W.

CONSTRUCTION LIMITS

2.4 m HMA SHOULDER

STONE DUMPED RIPRAP CLASS A4, 15.1 SQ.M.

PIPE CULVERT REMOVAL

TWP. RD. 800E +391.693 W=6.2m

N

SCALE IN METERS
0 10 20 30

LEGEND

- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL

NOMINAL/VARIABLE MILLING (SEE SCHEDULE) TYPICAL HMA RESURFACING

VERTICAL AND HORIZONTAL REALIGNMENT

150 m V.C.
ex = -0.383

TBM NO. 28 STA. 13+382.587, 23.309 m LT
ELEV. 162.339 m CHISELED "X", TOP OF SOUTH BOLT, TOP OF FIRE HYDRANT AT INTERSECTION OF RTE. 33 AND TOWNSHIP ROAD 800E.

PI 13+143.500 EL. 160.890

PC 13+174.500 EL. 161.399

PI 13+249.500 EL. 162.629

PT 13+324.500 EL. 162.329

+1.64%

TEMPORARY DITCH

PROPOSED ℄ PROFILE

EXISTING ℄ PROFILE

TEMPORARY DITCH -0.40%

TEMPORARY DITCH

LT. 160.958

LT. 161.505

LT. 161.124 RT. 161.124

LT. 161.749

LT. 161.394

+286

LT. 161.499 RT. 161.499

LT. 161.519

+410

LT. 161.274 RT. 161.154

LT. 161.152 RT. 161.152

+410

STANDARD DITCH LEFT AND RIGHT

SPECIAL DITCH LEFT AND RIGHT AT +0.75%

SPECIAL DITCH LEFT AT -0.30%

SPECIAL DITCH RIGHT AT -0.46%

SPECIAL DITCH LEFT AND RIGHT AT -0.58%

	13+100	13+125	13+150	13+175	13+200	13+225	13+250	13+275	13+300	13+325	13+350	13+375	13+400	13+425	13+450
(EXISTING)	160.124	160.339	160.552	160.754	160.951	161.161	161.366	161.552	161.743	161.889	162.017	162.128	162.199	162.262	162.278
(PROPOSED)	160.166	160.381	160.594	160.796	160.999	161.204	161.408	161.600	161.770	161.919	162.047	162.154	162.239	162.303	162.346
	162.291	162.234	162.118	161.998	161.706	161.337	161.475	161.467	161.857	161.794	161.761	161.805	161.842	161.860	
	162.367	162.368	162.347	162.305	162.255	162.205	162.155	162.105	162.055	162.005	161.955	161.905	161.855	161.805	

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10/28/2008

HMG JOB NO. 4428

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM

CONTRACT NO. 94533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	100
STA. 13+450		TO STA. 13+800		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PIPE CULVERT REMOVAL
PRC CURVE P18, P19 STA. 13+450.475
MATCHLINE STA. 13+450
F.E. +480 W = 6 m
13.11 m PIPE CULVERTS CLASS D, TYPE 1, 450 2 END SECTIONS, 450
PROPOSED R.O.W.
EXIST. R.O.W.
℄ F.A.P. 781 (IL. RTE. 33)
2.4 m HMA SHOULDER
PIPE CULVERT REMOVAL
STONE DUMPED RIPRAP CLASS A4, 111.3 SQ.M.
STRUCTURE REMOVAL
REMOVE EXISTING CULVERTS
CONSTRUCTION LIMITS
PIPE CULVERT REMOVAL
PT CURVE 19 STATION EQUATION STA. 13+750.733 BK= STA. 13+752.021 AHD
0.9 m HMA SHOULDER 1.5 m AGG SHOULDER
PROP. R.O.W.
MATCHLINE STA. 13+800
13+450 13+500 13+550 13+600 13+650 13+700 13+750
3.35 m
3.35 m
P.E. +490.5 W = 3.9 m
P.E. +527.5 W = 3.9 m
P.E. +602.7 W = 3.9 m
P.E. +615 W = 3.6 m
C.E. +672 W = 7.2 m T.E.
P.E. +750.4 W = 4.3 m
PROPOSED R.O.W.
12.50 m PIPE CULVERTS CLASS D, TYPE 1, 450 2 END SECTIONS, 450
CONSTRUCTION LIMITS
PIPE CULVERT REMOVAL
PIPE CULVERT REMOVAL
PIPE CULVERT REMOVAL
STONE DUMPED RIPRAP CLASS A4, 113.5 SQ.M.
12.50 m PIPE CULVERT CLASS D, TYPE 1, 450 2 END SECTIONS, 450
2.4 m HMA SHOULDER
PIPE CULVERT REMOVAL
PIPE CULVERT REMOVAL
21.64 m PIPE CULVERTS CLASS D, TYPE 1, 600 2 END SECTIONS, 600
18.90 m PIPE CULVERTS CLASS D, TYPE 1, 600 2 END SECTIONS, 600
PIPE CULVERT REMOVAL
12.19 m PIPE CULVERTS CLASS D, TYPE 1, 375 2 END SECTIONS, 375
13.11 m PIPE CULVERTS CLASS D, TYPE 1, 375 2 END SECTIONS, 375

LEGEND

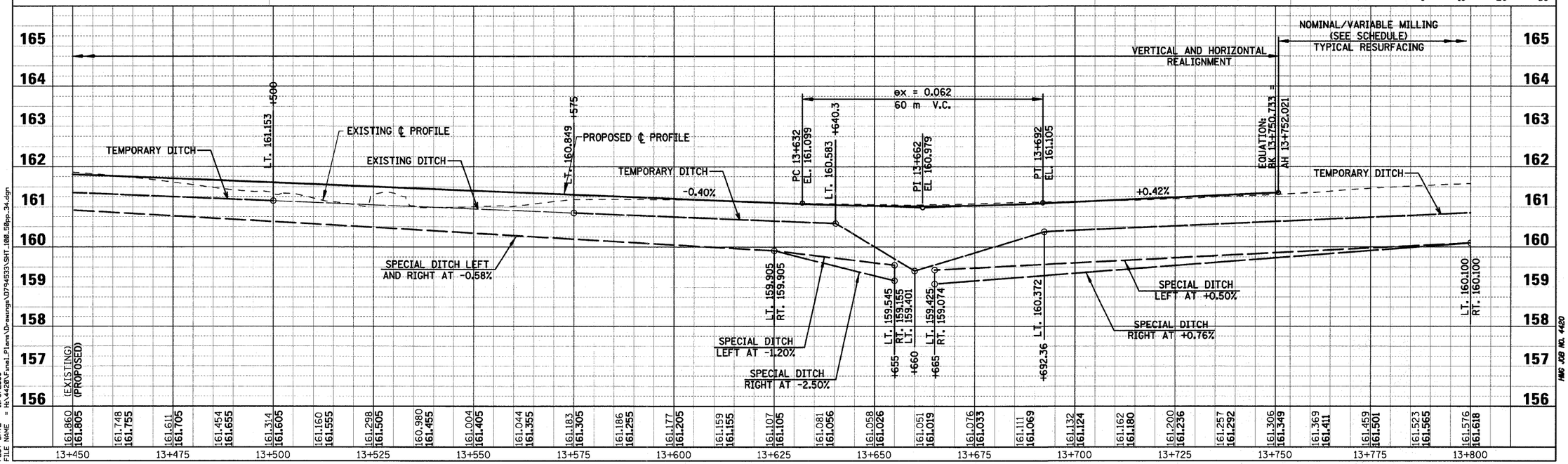
- PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- DRIVEWAY PAVEMENT REMOVAL (INCLUDES ALL MATERIAL ENCOUNTERED)
- SIDEWALK REMOVAL (INCLUDES STEPS)
- TREE REMOVAL (HECTARES)
- RIPRAP (TYPE AND LIMITS SHOWN)
- EROSION CONTROL BLANKET (TYPE AND LIMITS SHOWN)
- AGGREGATE DITCH
- X TREE REMOVAL

CURVE P19 DATA
PI STA. 13+600.724
Δ = 5° 36' 40" (RT)
T = 150.249 m
R = 3,066.000 m
L = 300.258 m
E = 3.679 m
e= NORMAL CROWN
T.R.= ---
S.E. RUN (L_1)= ---
PC STA. 13+450.475
PT STA. 13+750.733

BOX CULVERT NO. 19, STA. 13+660.000
21.600m P.C.B.C. 3.0m x 0.9m
U.S.F.L. = 159.400
D.S.F.L. = 159.030
2 P.C.B.C. END SECTIONS 3.0m x 0.9m

N

SCALE IN METERS
0 10 20 30



PLOT DATE = 11/6/2008
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11/6/2008

HMG JOB NO. 4428

HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMGENGINEERS.COM