

165+1 = 166

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 63248	

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

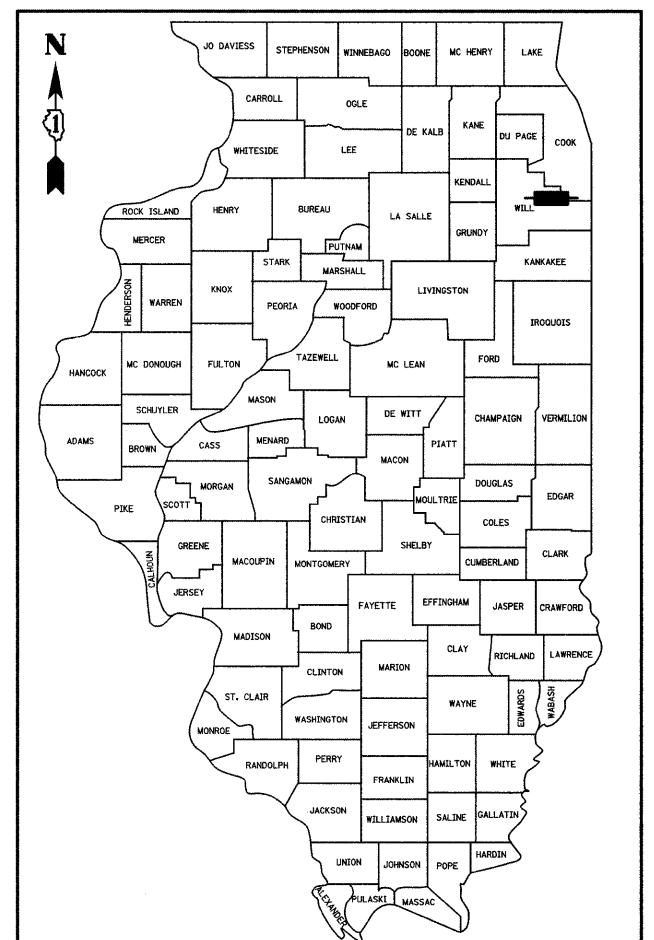
PROPOSED PLANS FOR FEDERAL-AID HIGHWAY

**FAU ROUTE 3759 (CENTER ROAD)
LARAWAY ROAD TO SAUK TRAIL
ROADWAY WIDENING AND RESURFACING
SECTION 04-00038-00-WR
PROJECT NO. ARA-M-9003 (524)
JOB NO. C-91-136-05**

**VILLAGE OF FRANKFORT
WILL COUNTY**

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LOCATION OF SECTION INDICATED THIS: - [shaded area] -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED Paul E. Sloman 4-7-10
WARD E. SUGAN
VILLAGE OF FRANKFORT - ASST. VILLAGE ADMINISTRATOR

PASSED APRIL 9, 2010
C. Held Chen-Hellou
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR
BID BASED ON
LIMITED REVIEW APRIL 9, 2010
Diana M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

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OF THE STATE OF ILLINOIS**



PROJECT MANAGER: RAYMOND KUMAPLEY (815) 744-4200

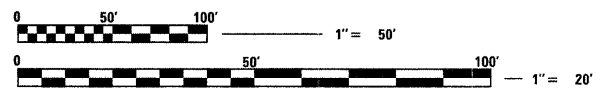
FIELD ENGINEER: MELCHOR MANGOBA (847) 705-4408

DESIGN DESIGNATION - 5150 (20) LOCAL 1.23 (HMA-20)

ADT CENTER ROAD (2006) - 4200
ADT CENTER ROAD (2030) - 6000
ADT LARAWAY ROAD (2006) - 11,100
ADT LARAWAY ROAD (2030) - 18,000

VILLAGE OF FRANKFORT
POLICE DEPARTMENT (815) 469-9435
FIRE DEPARTMENT (815) 469-1700

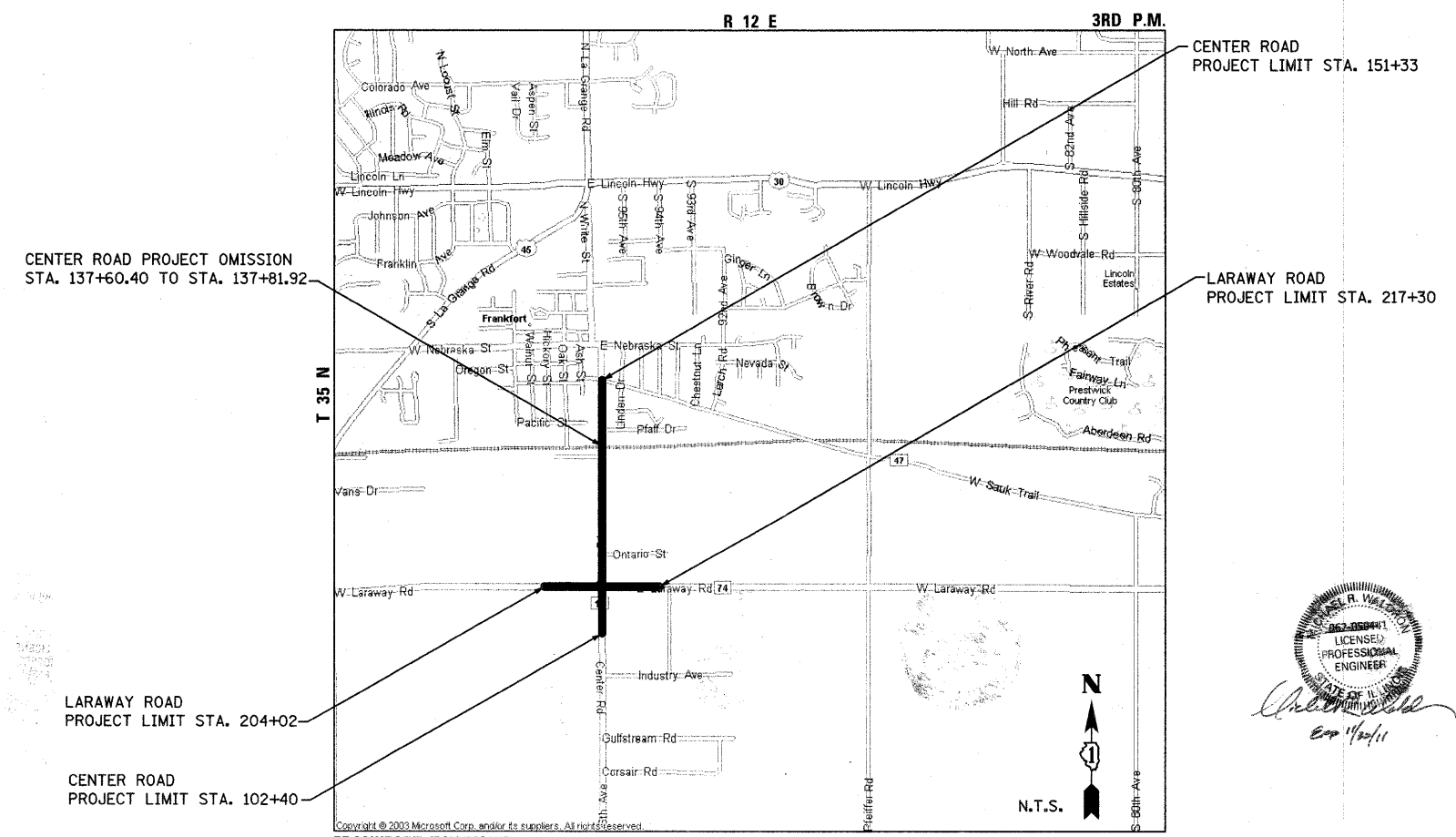
POSTED SPEED LIMIT
CENTER ROAD - 25, 35, 45 MPH
LARAWAY ROAD - 40 MPH



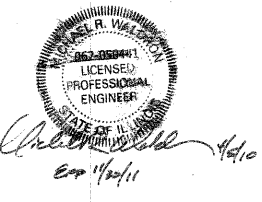
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CONTRACT NO. 63248



FRANKFORT TOWNSHIP
GROSS PROJECT LENGTH: 4,879 FEET = 0.93 MILES
NET PROJECT LENGTH: 4,957 FEET = 0.92 MILES



GENERAL NOTES

1. THE LOCATION AND ELEVATION OF THE VARIOUS UNDERGROUND UTILITIES AS SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN CONDUCTING CONSTRUCTION OPERATIONS NEAR THEM AND IS RESPONSIBLE FOR ANY DAMAGE THAT MAY BE CAUSED.
2. 48 HOURS PRIOR TO THE START OF ANY EXCAVATION, THE CONTRACTOR SHALL CALL J.U.L.I.E. AND THE VILLAGE OF FRANKFORT (815-469-2177) FOR VERIFICATION OF ALL UTILITY LOCATIONS IN THE FIELD.
3. THE CONTRACTOR SHALL COORDINATE WITH ALL ABOVE AND UNDERGROUND UTILITY COMPANIES IF UTILITIES NEED TO BE RELOCATED.
4. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKER MONUMENTS UNTIL THE OWNER, AN AUTHORIZED AGENT, OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DISRUPTED BY THEIR OPERATIONS.
5. BARRICADES: ALL UNBALLASTED TYPE I AND TYPE II BARRICADES SHALL HAVE A MINIMUM OF TWO (2) SANDBAGS ON THE BOTTOM RAIL. A TYPE III BARRICADE SHALL REQUIRE A MINIMUM OF FOUR (4) SANDBAGS.
6. THE CONTRACTOR SHALL ENSURE THAT POSITIVE DRAINAGE IS MAINTAINED AT ALL TIMES DURING AND AFTER THE CONSTRUCTION OF THE PROPOSED COMBINATION CONCRETE CURB AND GUTTER. THIS WORK SHALL BE INCLUDED FOR THE CONTRACT UNIT PRICE FOR THE APPLICABLE TYPE OF COMBINATION CONCRETE CURB AND GUTTER.
7. TEN FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS TO EXISTING CURBS AND GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPLICABLE TYPE OF COMBINATION CONCRETE CURB AND GUTTER.
8. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
9. SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED SHALL BE PROVIDED AT ALL CROSSWALK AND DRIVEWAY LOCATIONS OR AS DIRECTED BY THE ENGINEER, ACCORDING TO STANDARD 424001.
10. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, WILL COUNTY DEPARTMENT OF HIGHWAYS, AND THE VILLAGE OF FRANKFORT.
11. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ACCESS TO ALL PRIVATE AND COMMERCIAL PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
12. THE CONTRACTOR SHALL CLEAN THE CURB AND GUTTER AREA PRIOR TO THE ENGINEER MARKING CURB AND GUTTER REMOVAL AND REPLACEMENT LIMITS. THIS WORK SHALL BE INCLUDED IN THE COST OF CURB AND GUTTER REMOVAL.
13. WHENEVER A SEWER CROSSES UNDER A WATER MAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATER MAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SEWERS AND WATER MAINS SHALL BE MAINTAINED UNLESS; THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATER MAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED ABOVE CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS.
14. THE VILLAGE OF FRANKFORT WATER DEPARTMENT SHALL BE RESPONSIBLE FOR TURNING WATER MAIN VALVES ON AND OFF. THE CONTRACTOR IS NOT ALLOWED TO TURN THE FRANKFORT OWNED WATER MAIN VALVES ON AND OFF. THE CONTRACTOR SHALL CONTACT THE VILLAGE OF FRANKFORT FOR A WATER METER IF NECESSARY.

15. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
16. THE FRAMES AND LIDS OF EXISTING UTILITY OR DRAINAGE STRUCTURES WITHIN THE LIMITS OF THIS IMPROVEMENT PROJECT THAT ARE NOT NOTED ON THE PLANS FOR REPLACEMENT OR RECONSTRUCTION SHALL BE ADJUSTED TO MATCH THE PROPOSED ROADWAY GRADES. THE FRAMES AND LIDS OF PRIVATE UTILITY STRUCTURES SHALL BE ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL COORDINATE WITH PRIVATE UTILITY OWNERS TO HAVE ADJUSTMENTS PERFORMED.
17. TREE PRUNING AND TREE TRUNK PROTECTION HAVE BEEN PROVIDED FOR LOCATIONS WHERE EXISTING TREES MAY BE IMPACTED BY CONSTRUCTION ACTIVITY. THE ACTUAL NEED SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. TREE TRUNK PROTECTION AND TREE PRUNING SHALL BE DONE ACCORDING TO THE REQUIREMENTS OF ARTICLES 201.05 AND 201.06 OF THE STANDARD SPECIFICATIONS, RESPECTIVELY. TREE TRUNK PROTECTION AND TREE PRUNING SHALL BE MEASURED AND PAID FOR ACCORDING TO SECTION 201 OF THE STANDARD SPECIFICATIONS. THESE QUANTITIES WILL BE DEDUCTED IF THE WORK IS NOT DEEMED NECESSARY AND NO EXTRA COMPENSATION SHALL BE DUE TO THE CONTRACTOR. PAVEMENT PATCHING, WHERE REQUIRED, SHALL BE COMPLETED PRIOR TO THE PLACEMENT OF LEVELING BINDER.
18. PAVEMENT PATCHING HAS BEEN INDICATED ON THE DRAWINGS, INCLUDING PATCHING REQUIREMENTS FOR THE REPAIR OF LOCALIZED PAVEMENT FAILURES AND INSTALLATION OF STORM SEWER MATERIALS. THE ACTUAL NEED FOR PAVEMENT PATCHING WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF PAVEMENT PATCHING IS NOT REQUIRED, THEN THE QUANTITY WILL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
19. ALL STORM SEWER SHALL BE O-RING GASKETED OR EQUAL CONFORMING TO ASTM C443. THIS WORK SHALL BE INCLUDED IN THE COST FOR STORM SEWERS OF THE CLASS, TYPE AND SIZE SPECIFIED.
20. ALL MANHOLE COVERS SHALL BE STAMPED "VILLAGE OF FRANKFORT", ALL CASTINGS SHALL BE MADE IN THE U.S.A. WITH U.S.A. MATERIALS.
21. SHORTLY AFTER THE CONCRETE CURB IS POURED, THE CONTRACTOR SHALL MARK THE CURB WITH AN "S" FOR SEWER AND A "W" FOR WATER AT ALL KNOWN UTILITIES. OBTAIN THE "S" AND "W" STAMP FROM THE VILLAGE OF FRANKFORT. THIS WORK SHALL BE INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER OF THE TYPE SPECIFIED.
22. POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED FOR SOILS THAT TEND TO BE UNSTABLE WHEN WET. THE AMOUNT OF PGES WAS ESTIMATED USING THE GEOTECHNICAL REPORT. ACTUAL AMOUNT AND LOCATION OF UNDER CUT WILL BE DETERMINED BY THE ENGINEER IN THE FIELD. THE CONTRACTOR SHALL ONLY BE COMPENSATED FOR THE QUANTITY OF PGES THAT IS INSTALLED.
23. THE CONTRACTOR SHALL TAKE CARE TO PROTECT EXISTING LANDSCAPING AT LOCATIONS NOT SHOWN IN THE PLANS TO BE REMOVED AND AS DIRECTED BY THE ENGINEER. LANDSCAPING TO BE PROTECTED THAT IS DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED IN KIND AND AT THEIR EXPENSE.
24. PAVEMENT IN WIDENING AREAS SHALL BE SAW CUT 6 INCHES FROM THE EXISTING EDGE OF PAVEMENT PRIOR TO HMA WIDENING. THIS WORK SHALL BE INCLUDED IN THE COST OF HOT-MIX ASPHALT BASE COURSE, 1 1/2".
25. LAYOUT AND STAKING FOR ALL CONSTRUCTION OPERATIONS SHALL BE PROVIDED BY THE CONTRACTOR.
26. THE CONTRACTOR'S OPERATIONS AND TEMPORARY STORAGE ACTIVITIES SHALL BE LIMITED TO THE WORK AREA AND/OR CONSTRUCTION LIMITS. ANY ADDITIONAL STAGING AREAS ADJACENT TO THE PROJECT ARE SUBJECT TO PRIOR APPROVAL BY THE APPROPRIATE AGENCY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR COMPLIANCE WITH THE ABOVE REQUIREMENTS.
27. THE CONTRACTOR SHALL COORDINATE WITH CANADIAN NATIONAL RAILROAD REGARDING ANY PERMITS REQUIRED. THE CONTRACTOR SHALL BE RESPONSIBLE IF ANY OF THEIR ACTIVITIES INTERFERE WITH OR COMPROMISE SAFETY AT THE RAILROAD CROSSING, OR THE INTEGRITY OF THE RAILROAD TRACKS.
28. TOP SOIL SHALL BE FERTILE, FRIABLE, NATURAL LOAM, SURFACE SOIL, REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS AND OTHER LITTER AND FREE OF ROOT STUMPS, STONES AND OTHER MATERIAL HARMFUL TO PLANT GROWTH.
29. CLEARING OF BRUSH, BUSHES AND TREES WITH A DIAMETER LESS THAN 6" WILL NOT BE PAID FOR SEPARATELY PER SECTION 202 OF THE STANDARD SPECIFICATIONS.
30. WHERE SPECIFIED ON THE PLANS, OR DIRECTED BY THE ENGINEER, TRIMMING OF VEGETATION TO THE RIGHT OF WAY LINE WILL BE CONSIDERED TO BE CLEARING AND NOT MEASURED FOR PAYMENT.

31. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, OR CATCH BASINS. THEY SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE SAME. THEY SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT ROADSIDE DRAINAGE SYSTEM IS BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR DIRECTLY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
32. ALL SUBSURFACE DRAINS AND/OR FIELD TILES ENCOUNTERED IN THE ROADWAY EXCAVATION SHALL BE REMOVED AND CONSIDERED TO BE INCLUDED IN THE COST OF EARTH EXCAVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CAPPING THE EXISTING SUBSURFACE DRAINS OR CONNECTING TO THE PROPOSED DITCHES AT THE LOCATIONS SHOWN IN THE PLANS OR AS DIRECTED BY THE OWNER. THIS WORK SHALL NOT BE MEASURED SEPARATELY FOR PAYMENT, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
33. THE CONTRACTOR SHALL NOTIFY THE WILL COUNTY DEPARTMENT OF HIGHWAYS (MR. GEORGE CATALANO, 815-727-8476) TWO DAYS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES LOCATED IN THE COUNTY RIGHT-OF-WAY.
34. CHANGEABLE MESSAGE SIGNS SHALL BE PROVIDED AT THE NORTHBOUND, WESTBOUND AND EASTBOUND APPROACHES TO THE INTERSECTION OF CENTER ROAD AND LARAWAY ROAD. SIGNS SHALL BE USED ACCORDING TO IDOT STANDARDS AND PLACED 72 HOURS PRIOR TO COMMENCING THE WORK.
35. PATCHING OF THE EXISTING PAVEMENT, WHERE REQUIRED, SHALL BE COMPLETED PRIOR TO THE PLACEMENT OF LEVELING BINDER.
36. ALL EXISTING RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED AND ADEQUATELY BACKFILLED PRIOR TO PLACING ASPHALT LEVELING BINDER AND SURFACE COURSE. THIS WORK SHALL NOT BE MEASURED FOR PAYMENT.
37. THE VILLAGE OF FRANKFORT SHALL ADJUST ALL WATER VALVES AND FIRE HYDRANTS IMPACTED BY THE PROJECT. THE CONTRACTOR SHALL CONTACT THE VILLAGE OF FRANKFORT PUBLIC WORKS [(815) 469-2177] AT LEAST TWO WEEKS PRIOR TO ANY WORK BEING PERFORMED IN AREAS ADJACENT TO WATER VALVES AND FIRE HYDRANTS THAT NEED TO BE ADJUSTED. RELOCATION OF WATER VALVES AND FIRE HYDRANTS SHALL BE PERFORMED BY THE CONTRACTOR.
38. TREE REMOVAL (6 TO 15 UNITS DIAMETER) AND TREE REMOVAL (OVER 15 UNITS DIAMETER) HAVE BEEN PROVIDED TO FACILITATE CONSTRUCTION OF THE PROPOSED STORM SEWER ALONG THE NORTHERN LIMITS OF BLACHFORD CORP. AND PACTIV CORP. ACTUAL NEED FOR TREE REMOVAL SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. THE CONTRACTOR SHALL ONLY BE COMPENSATED FOR ACTUAL TREE REMOVAL QUANTITIES.
39. THE PROPOSED DRAINAGE STRUCTURES AND PIPES SHALL BE PROTECTED IMMEDIATELY AFTER THEY ARE CONSTRUCTED UNTIL THE SURFACES THAT DRAIN TO THEM ARE FULLY PAVED OR VEGETATED.
40. THE CONTRACTOR SHALL TAKE CARE NOT TO DISRUPT THE ACTIVITIES OF BLACHFORD CORP., CN AND PACTIV CORP. DURING THE STORM SEWER INSTALLATION AND DRAINAGE IMPROVEMENTS ON THEIR VARIOUS PROPERTIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COSTS ASSOCIATED WITH ANY REPAIRS DUE TO THEIR ACTIONS AND/OR ACTIVITIES, AT NO COST TO THE CONTRACT.
41. THE EXISTING RAILROAD SPURS TO THE PACTIV CORP. FACILITY ARE ACTIVE. THE CONTRACTOR SHALL NOT DISRUPT RAIL TRAFFIC OR DAMAGE THE RAILROAD TRACKS. ANY COSTS ASSOCIATED WITH THE DISRUPTION OF RAIL TRAFFIC TO PACTIV'S COMPOUND SHALL BE AT THE CONTRACTOR'S EXPENSE.
42. WHERE THE LIMITS OF CONSTRUCTION HAVE NOT BEEN SHOWN ON THE PLANS, THE RIGHT OF WAY SHALL BE CONSIDERED THE CONSTRUCTION LIMIT.

43. ALL SIGN RELOCATIONS AND PROPOSED SIGNS SHALL BE PLACED IN THE LOCATION INDICATED IN THE SIGN SCHEDULE IN THE SCHEDULE OF QUANTITIES. ALL SIGNS SHALL BE INSTALLED ACCORDING TO THE MUTCD AND THE ILLINOIS STANDARD SPECIFICATIONS.
44. CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED HAS BEEN PROVIDED TO FACILITATE CONSTRUCTION OF A STABILIZED CONSTRUCTION ENTRANCE. ACTUAL NEED FOR FENCE REMOVAL AND RE-ERECTION SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. THE CONTRACTOR SHALL ONLY BE COMPENSATED FOR ACTUAL FENCE REMOVAL AND RE-ERECTION QUANTITIES. IF FENCE REMOVAL IS NOT REQUIRED, THEN THE QUANTITY WILL BE REDUCED AND NO COMPENSATION SHALL BE DUE THE CONTRACTOR.
45. LEVELING BINDER (MACHINE METHOD) HAS BEEN PROVIDED FOR CROSS SLOPE CORRECTION FOLLOWING THE MILLING OF THE SURFACE COURSE. ACTUAL USE OF THE LEVELING BINDER SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. THE CONTRACTOR SHALL ONLY BE COMPENSATED FOR ACTUAL QUANTITIES OF LEVELING BINDER (MACHINE METHOD) USED.

46. IT IS ASSUMED THAT THE TOP 4" OF THE EXISTING GROUND OUTSIDE THE PAVEMENT SHALL BE REMOVED AND DISPOSED OF. QUANTITIES FOR THIS WORK ARE INCLUDED IN REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.

47. BELOW ARE CONTACT DETAILS FOR VARIOUS BUSINESSES AND UTILITIES THAT WILL BE IMPACTED BY THE PROJECT. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY AGENCIES PRIOR TO EXCAVATING NORTH OF THE GRADE CROSSING: NICOR, ENDRIDGE ENERGY, AUX SABLE LIQUIDS, AND NATURAL GAS PIPELINE CO.

AGENCY	CONTACT PERSON	TELEPHONE NO.
NICOR	CONSTANCE LANE	(630) 388-3830
COM ED	TIM COSLET	(815) 724-5010
ENDRIDGE ENERGY	TREVOR MCINTYRE	(219) 922-7011
PACTIV	ART MANDYLA	(815) 464-3654
AUX SABLE LIQUIDS	JEFF GISH	(815) 941-5992
CANADIAN NATIONAL	JONATHAN GRIFFITH	(708) 332-6581
BLACHFORD	RICHARD FEIGEL	(815) 464-2112
COMCAST	TED WYMAN	(630) 600-6349
SBC	CURT IVINS	(815) 727-0527
NATURAL GAS PIPELINE CO.	GREG SMITH	(303) 914-7848

48. THE PAVEMENT WIDENING SHALL BE POURED MONOLITHICALLY WITH THE CURB AND GUTTER IN AREAS WHERE THE PAVEMENT SHALL BE WIDENED BY UP TO TWO FEET. THIS COST SHALL BE INCLUDED IN THE COST OF THE APPLICABLE TYPE OF COMBINATION CONCRETE CURB AND GUTTER.

DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	2
				CONTRACT NO. 63248

DISTRICT DETAILS

- BD-01 DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥ 15'(4.5m)
- BD-02 DRIVEWAY DETAILS DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5m)
- BD-03 OUTLET FOR CONCRETE CURB AND GUTTER
- BD-07 DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
- BD-08 DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
- BD-22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
- BD-24 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
- BD-32 BUTT JOINT AND HMA TAPER DETAILS
- BD-34 DETAILS FOR STEEL PLATE BEAM GUARD RAIL ADJACENT TO CURB AND GUTTER STABILIZATION AT TBT TY 1 SPL
- BD-36 FIRE HYDRANT TO BE MOVED
- BD-37 MANHOLE TYPE A 7 FT. DIAMETER
- BD-51 BENCHING DETAIL FOR EMBANKMENT WIDENING
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- TC-11 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TC-16 PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
- TC-22 ARTERIAL ROAD INFORMATION SIGN
- TC-23 TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS

HIGHWAY STANDARDS

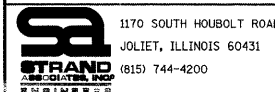
- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS (8 SHEETS)
- 280001-05 TEMPORARY EROSION CONTROL SYSTEMS (2 SHEETS)
- 406201-01 MAILBOX TURNOUT
- 424001-05 CURB RAMPS FOR SIDEWALKS (2 SHEETS)
- 442201-03 CLASS C AND D PATCHES
- 482011-03 HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS (2 SHEETS)
- 542301-02 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 542311-01 GRATING FOR CONCRETE FLARED END SECTION (FOR 24" (600 mm) THRU 54" (1350 mm) PIPE) (2 SHEETS)
- 601001-03 SUB-SURFACE DRAINS (2 SHEETS)
- 602001-01 CATCH BASIN TYPE A
- 602301-02 INLET - TYPE A
- 602401-02 MANHOLE TYPE A
- 602406-03 MANHOLE TYPE A 6' (1.8m) DIAMETER (2 SHEETS)
- 602411-01 MANHOLE TYPE A 7' (2.1m) DIAMETER (2 SHEETS)
- 602416-01 MANHOLE TYPE A 8' (2.4m) DIAMETER (2 SHEETS)
- 602701-02 MANHOLE STEPS (2 SHEETS)
- 604001-03 FRAMES AND LIDS TYPE 1
- 604036-02 GRATE TYPE 8
- 604051-03 FRAME AND GRATE TYPE 11
- 606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER (2 SHEETS)
- 606006-02 OUTLETS FOR CONC. CURB AND GUTTER TYPE B-6.24 (B-15.60) (2 SHEETS)
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS (2 SHEETS)
- 630001-08 STEEL PLATE BEAM GUARDRAIL (4 SHEETS)
- 630301-05 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS (2 SHEETS)
- 631011-05 TRAFFIC BARRIER TERMINAL, TYPE 2
- 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-02 REFLECTOR MARKER AND MOUNTING DETAILS (3 SHEETS)
- 664001-02 RIGHT OF WAY MARKERS
- 666001-01 CHAIN LINK FENCE (3 SHEETS)
- 701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
- 701006-03 OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
- 701011-02 OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701201-03 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701301-03 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-02 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W MOVING OPERATIONS-DAY ONLY
- 701326-03 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
- 701336-05 LANE CLOSURE, 2L, 3W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45MPH
- 701501-05 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701801-04 LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE

- 701901-01 TRAFFIC CONTROL DEVICES (3 SHEETS)
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-02 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
- 729001-01 APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
- 780001-02 TYPICAL PAVEMENT MARKINGS (2 SHEETS)
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

UTILITY LEGEND

EXISTING	PROPOSED	
		JUNCTION BOX
		MANHOLE
		CATCH BASIN
		INLET
		POWER POLE
		CONTROL POINT
		FIRE HYDRANT
		SERVICE BOX
		WATER VALVE IN BOX
		STORM SEWER
		SANITARY SEWER
		WATER MAIN
		GAS MAIN
		CABLE TV
		TELEPHONE CABLE
		ELECTRICAL LINE
		AERIAL LINE
		TIMBER EDGE/VEGETATION LINE
		FIBER OPTIC

FILE NAME = s:\proj\66909-6699\6628\08A\mircos\Sheets\GenNotes.dgn



1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = odomm	DESIGNED -	REVISED -
	PLOT SCALE = 20,0000 1/ IN.	DRAWN -	REVISED -
	PLOT DATE = 3/31/22	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HIGHWAY STANDARDS AND DISTRICT DETAILS

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	3
CONTRACT NO. 63248				

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

NUMBER	ITEM	UNIT	TOTAL	ROADWAY 1000-2A QTY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	300	300
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	350	350
20101100	TREE TRUNK PROTECTION	EACH	5	5
20200100	EARTH EXCAVATION	CU YD	4,035	4,035
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	4,395	4,395
20400800	FURNISHED EXCAVATION	CU YD	1,090	1,090
* 20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	790	790
20800150	TRENCH BACKFILL	CU YD	3,144	3,144
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	7,120	7,120
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	20,990	20,990
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	100	100
25000210	SEEDING, CLASS 2A	ACRE	0.75	0.75
25000312	SEEDING, CLASS 4A	ACRE	1.00	1.00
25000314	SEEDING, CLASS 4B	ACRE	0.25	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	250	250
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	250	250
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	250	250
25100630	EROSION CONTROL BLANKET	SQ YD	8,955	8,955
25200110	SODDING, SALT TOLERANT	SQ YD	14,520	14,520
25200200	SUPPLEMENTAL WATERING	UNIT	30	30
* 28000305	TEMPORARY DITCH CHECKS	FOOT	150	150
28000400	PERIMETER EROSION BARRIER	FOOT	10,125	10,125
28000500	INLET AND PIPE PROTECTION	EACH	121	121
28100105	STONE RIPRAP, CLASS A3	SQ YD	125	125
28100107	STONE RIPRAP, CLASS A4	SQ YD	40	40
28200200	FILTER FABRIC	SQ YD	155	155
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	747	747
31101300	SUB-BASE GRANULAR MATERIAL, TYPE B 5"	SQ YD	1,693	1,693
31101400	SUB-BASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	6,067	6,067
35501324	HOT-MIX ASPHALT BASE COURSE, 10"	SQ YD	2,865	2,865
35501330	HOT-MIX ASPHALT BASE COURSE, 11 1/2"	SQ YD	2,800	2,800
35800100	PREPARATION OF BASE	SQ YD	14,205	14,205
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	192	192
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	5,131	5,131
40600300	AGGREGATE (PRIME COAT)	TON	44	44
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	723	723
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	410	410
40600895	CONSTRUCTING TEST STRIP	EACH	4	4

+ INDICATES SPECIALTY ITEMS

* INDICATES SPECIAL PROVISION

NUMBER	ITEM	UNIT	TOTAL	ROADWAY 1000-2A QTY
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	695	695
* 40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	125	125
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	412	412
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	435	435
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	1,450	1,450
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	915	915
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	75	75
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	85	85
42400800	DETECTABLE WARNINGS	SQ FT	162	162
* 44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	14,205	14,205
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2,871	2,871
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,364	1,364
* 44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	310	310
44002206	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 1 1/2"	SQ YD	2,013	2,013
* 44004400	PAVEMENT REMOVAL (SPECIAL)	SQ YD	4,010	4,010
* 44004600	SIDEWALK REMOVAL AND REPLACEMENT	SQ FT	2,752	2,752
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	913	913
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	733	733
44201781	CLASS D PATCHES, TYPE III, 11 INCH	SQ YD	191	191
44201783	CLASS D PATCHES, TYPE IV, 11 INCH	SQ YD	176	176
* 44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	9,200	9,200
* 48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	1,675	1,675
50105220	PIPE CULVERT REMOVAL	FOOT	1,779	1,779
50200100	STRUCTURE EXCAVATION	CU YD	675	675
54010402	PRECAST CONCRETE BOX CULVERT 4' X 2'	FOOT	295	295
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	18	18
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	4	4
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	4	4
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2	2
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	1	1
* 54247110	GRATING FOR CONCRETE FLARED END SECTION 18"	EACH	2	2
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	4	4
54247170	GRATING FOR CONCRETE FLARED END SECTION 36"	EACH	2	2
54247180	GRATING FOR CONCRETE FLARED END SECTION 42"	EACH	1	1
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	229	229
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	13	13
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	134	134

FILE NAME = s:\p1\6680-6699\6629\0804\microsheets\summaryofquantities.dgn



USER NAME = adamn	DESIGNED -	REVISED -
PLOT SCALE = 28.0000" / 1"	DRAWN -	REVISED -
PLOT DATE = 3/31/2018	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	4
CONTRACT NO. 63248				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

	NUMBER	ITEM	UNIT	TOTAL	ROADWAY 1000-2A QTY
	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	79	79
	550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	10	10
	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	12	12
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1,216	1,216
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	714	714
	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	191	191
	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	1,116	1,116
	550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	63	63
	550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	560	560
	550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	544	544
	55101200	STORM SEWER REMOVAL 24"	FOOT	230	230
	55101600	STORM SEWER REMOVAL 36"	FOOT	20	20
	552A1300	STORM SEWERS JACKED IN PLACE, CLASS A 36"	FOOT	215	215
+	56300300	ADJUSTING WATER SERVICE LINES	FOOT	40	40
+	56400800	FIRE HYDRANT AND VALVE TO BE MOVED	EACH	1	1
	60107600	PIPE UNDERDRAINS 4"	FOOT	90	90
	60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1
	60200305	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1	1
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	7	7
	60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	22	22
	60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1
	60204805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	10	10
	60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1
	60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1
	60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	1	1
	60224005	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	2	2
	60224020	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	2	2
	60224448	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 8 GRATE	EACH	1	1
	60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	17	17
	60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	10	10
*	60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	8	8
	60500040	REMOVING MANHOLES	EACH	6.0	6.0
	60600095	CLASS SI CONCRETE (OUTLET)	CU YD	8	8
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6,12	FOOT	5,994	5,994
	60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6,18	FOOT	374	374
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6,24	FOOT	150	150
	60620321	CONCRETE MEDIAN, TYPE SB-8.06	SQ FT	1,190	1,190
+	63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	425	425

	NUMBER	ITEM	UNIT	TOTAL	ROADWAY 1000-2A QTY
+	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1
+	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	1
*	63200310	GUARD RAIL REMOVAL	FOOT	382	382
*	66410400	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	283	283
	66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	3	3
	67100100	MOBILIZATION	L SUM	1	1
	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
	70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	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	5	5
	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	15	15
	70300100	SHORT-TERM PAVEMENT MARKING	FOOT	5,000	5,000
	70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	306	306
	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	21,743	21,743
	70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1,274	1,274
	70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	602	602
	70300270	TEMPORARY PAVEMENT MARKING - LINE 16"	FOOT	88	88
	70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	272	272
	70300520	PAVEMENT MARKING TAPE, TYPE III 4	FOOT	1,300.00	1,300.00
	72000100	SIGN PANEL - TYPE 1	SQ FT	27.25	27.25
	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	16.3	16.3
	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	114	114
	72900110	METAL POST - TYPE A	EACH	33	33
	72900210	METAL POST - TYPE B	EACH	1	1
+	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	306	306
+	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	21,743	21,743
+	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,274	1,274
+	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	602	602
+	78000610	THERMOPLASTIC PAVEMENT MARKING - LINE 16"	FOOT	88	88
+	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	272	272
+	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	289	289
+	78200410	GUARDRAIL MARKERS, TYPE A	EACH	6	6
+	78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2
*	78300100	PAVEMENT MARKING REMOVAL	SQ FT	8,625	8,625
+	84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	1	1

+ INDICATES SPECIALTY ITEMS

* INDICATES SPECIAL PROVISION

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1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = raymondk
PLOT SCALE = 20,000' / IN.
PLOT DATE = 3/31/2012

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.J.
RTE.
3759

SECTION
04-00038-00-WR

COUNTY
WILL

TOTAL SHEETS
165

SHEET NO.
5

CONTRACT NO. 63248

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

NUMBER	ITEM	UNIT	TOTAL	ROADWAY 1000-2A QTY
* X0322089	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	21	21
* X0322127	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	FOOT	14.0	14.0
* X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	26	26
* X0322671	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	150	150
* X0324752	STORM SEWER TO BE FILLED	CU YD	65	65
* X0325281	CULVERT REPAIR	EACH	1	1
* X0325581	MANHOLES, TYPE A, 7' DIAMETER, SPECIAL	EACH	1	1
* X0326372	REMOVE RIGHT-OF-WAY MARKERS	EACH	1	1
* X0350810	BOLLARD REMOVAL	EACH	3	3
* X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	2	2
* X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	15	15
* Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	3,370	3,370
* Z0004530	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	SQ YD	120	120
* Z0004538	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"	SQ YD	1,437	1,437
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
* Z0019600	DUST CONTROL WATERING	UNIT	30	30
* Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1
* Z0048900	RAILROAD TRACK REMOVAL	FOOT	80	80
* Z0051500	REMOVING AND RESETTING STREET SIGNS	EACH	1	1
△ * Z0076600	TRAINEES	HOUR	500	500

- △ Y080
- + INDICATES SPECIALTY ITEMS
- * INDICATES SPECIAL PROVISION

FILE NAME = S:\JOL\6600-6699\6628\004\Micros\Sheets\summaryofquantities.dgn



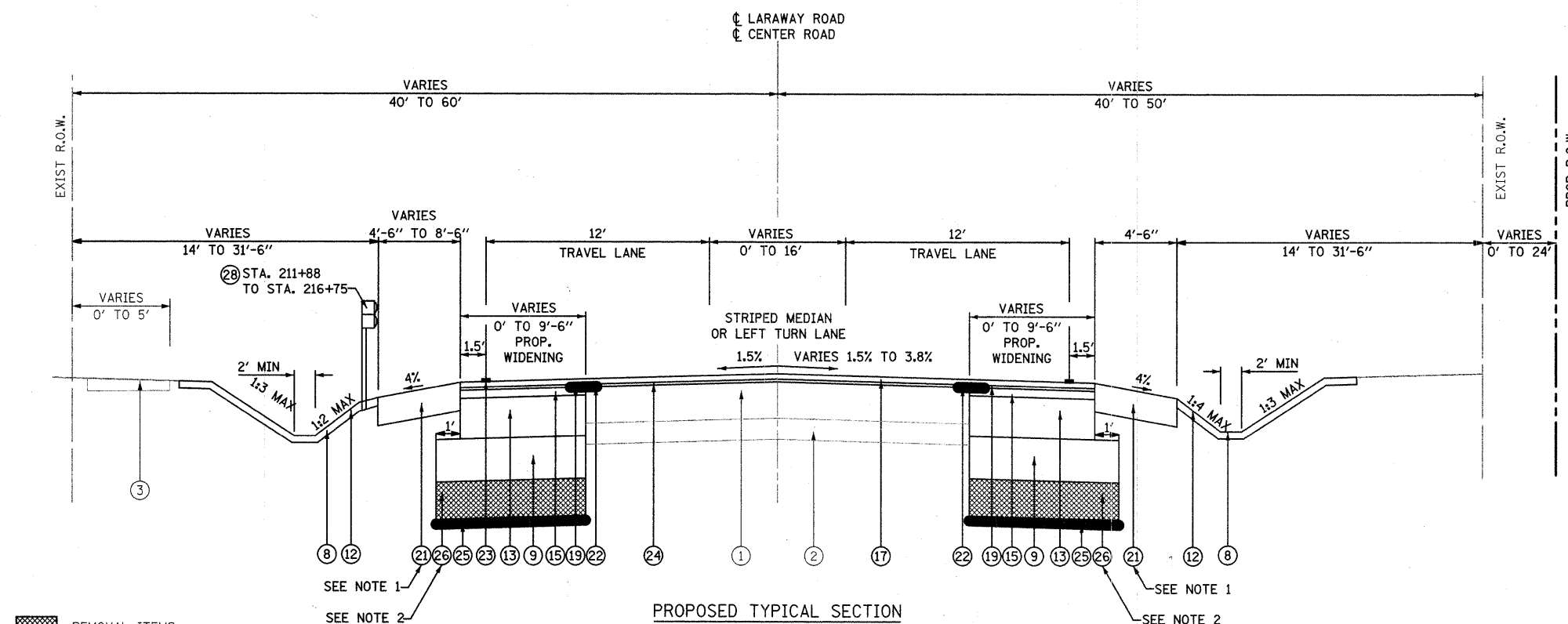
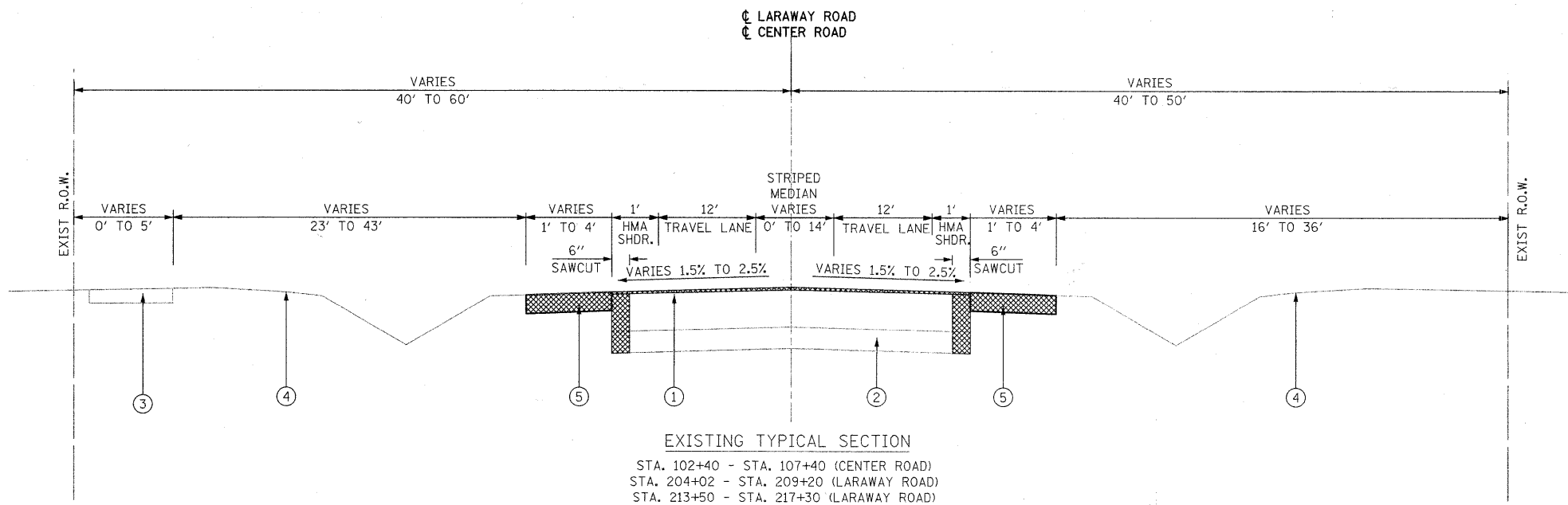
1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = raymondk	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -
PLOT SCALE = 20.0000' / IN.		PLOT DATE = 3/31/2012	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 3759	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 6
CONTRACT NO. 63248				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



- 1 EXISTING HOT-MIX ASPHALT PAVEMENT (8.6" - 11.8")
- 2 EXISTING SUB-BASE GRANULAR MATERIAL (5" - 9")
- 3 EXISTING P.C.C. SIDEWALK, 5"
- 4 EXISTING TURF AREA
- 5 EXISTING AGGREGATE SHOULDERS
- 6 EXISTING COMB. CONCRETE CURB AND GUTTER TYPE B-6.18
- 7 EXISTING COMB. CONCRETE CURB AND GUTTER TYPE B-6.12
- 8 PROP. DRAINAGE SWALE/DITCH
- 9 PROP. AGGREGATE SUBGRADE, 12"
- 10 PROP. SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- 11 PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 12 PROP. TOPSOIL FURNISH AND PLACE, 4", WITH PROP. SEEDING AND EROSION CONTROL BLANKET, OR PROP. SODDING, SALT TOLERANT
- 13 PROP. HOT-MIX ASPHALT BASE COURSE, 11.5"
- 14 PROP. HOT-MIX ASPHALT BASE COURSE, 10"
- 15 2.25", PROP. HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- 16 2.25", PROP. HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
- 17 1.5", PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- 18 1.5", PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- 19 3/4" MIN. PROP. LEVELING BINDER (MACHINE METHOD), N70
- 20 3/4" MIN. PROP. LEVELING BINDER (MACHINE METHOD), N50
- 21 PROP. AGGREGATE SHOULDERS, TYPE B, 8"
- 22 STRIP REFLECTIVE CRACK CONTROL
- 23 THERMOPLASTIC PAVEMENT MARKING EDGE STRIPE
- 24 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- 25 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- 26 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL & POROUS GRANULAR EMBANKMENT, SUBGRADE
- 27 PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- 28 PROP. STEEL PLATE BEAM GUARD RAIL, TYPE A
- 29 PROP. SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- 30 PROP. SUB-BASE GRANULAR MATERIAL, TYPE B, 5"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS
PAVEMENT RESURFACING / WIDENING / RECONSTRUCTION	
CENTER ROAD (NORTH OF LARAWAY)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 1.5"	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2.25"	4% @ 50 Gyr.
LEVELING BINDER (MACHINE METHOD), N50 (IL 9.5 mm)	4% @ 50 Gyr.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm); 10"	4% @ 50 Gyr.
LARAWAY ROAD & CENTER ROAD (SOUTH LEG)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm), 1.5"	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 2.25"	4% @ 70 Gyr.
LEVELING BINDER (MACHINE METHOD), N70 (IL 9.5 mm)	4% @ 70 Gyr.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm); 11.5"	4% @ 70 Gyr.
DRIVEWAYS	
HMA SURFACE COURSE, MIX "C", N50 (IL 9.5 mm); 2"	4% @ 50 Gyr.
HMA BASE COURSE (HMA BINDER IL-19 mm); PE - 6", CE - 8"	4% @ 50 Gyr.
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 Gyr.
OTHER	
INCIDENTAL HOT-MIX ASPHALT SURFACING (IL 9.5 mm, C)	4% @ 50 Gyr.

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. FOR "PERCENT RAP" SEE DISTRICT ONE SPECIAL PROVISIONS
3. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SPR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS

- NOTE:
1. AT THE INTERSECTION OF LARAWAY ROAD AND CENTER ROAD, COMBINATION CURB AND GUTTER, TYPE B-6.12 SHALL BE INSTALLED AT THE NORTHEAST, NORTHWEST, AND SOUTHEAST QUADRANTS. COMBINATION CURB AND GUTTER, TYPE B-6.24 SHALL BE INSTALLED AT THE SOUTHWEST QUADRANT.
 2. SEE CROSS SECTIONS AND GEOTECHNICAL REPORT FOR ESTIMATED UNDERCUT AREAS AND DEPTHS.
 3. THE BITUMINOUS MATERIALS (PRIME COAT) QUANTITIES HAVE BEEN DETERMINED USING A RATE OF 0.25 GAL/SQ YD BETWEEN THE SUBBASE AND BASE COURSES, AND 0.08 GAL/SQ YD BETWEEN THE BASE AND BINDER COURSES AND THE BINDER AND SURFACE COURSES.

STRUCTURAL TRAFFIC: YEAR 2020

PV= 12,556 SU= 1,314 MU= 730

ROAD/STREET CLASSIFICATION: CLASS II

P= 86% S= 9% M= 5%

TRAFFIC FACTOR: ACTUAL TF= 3.47

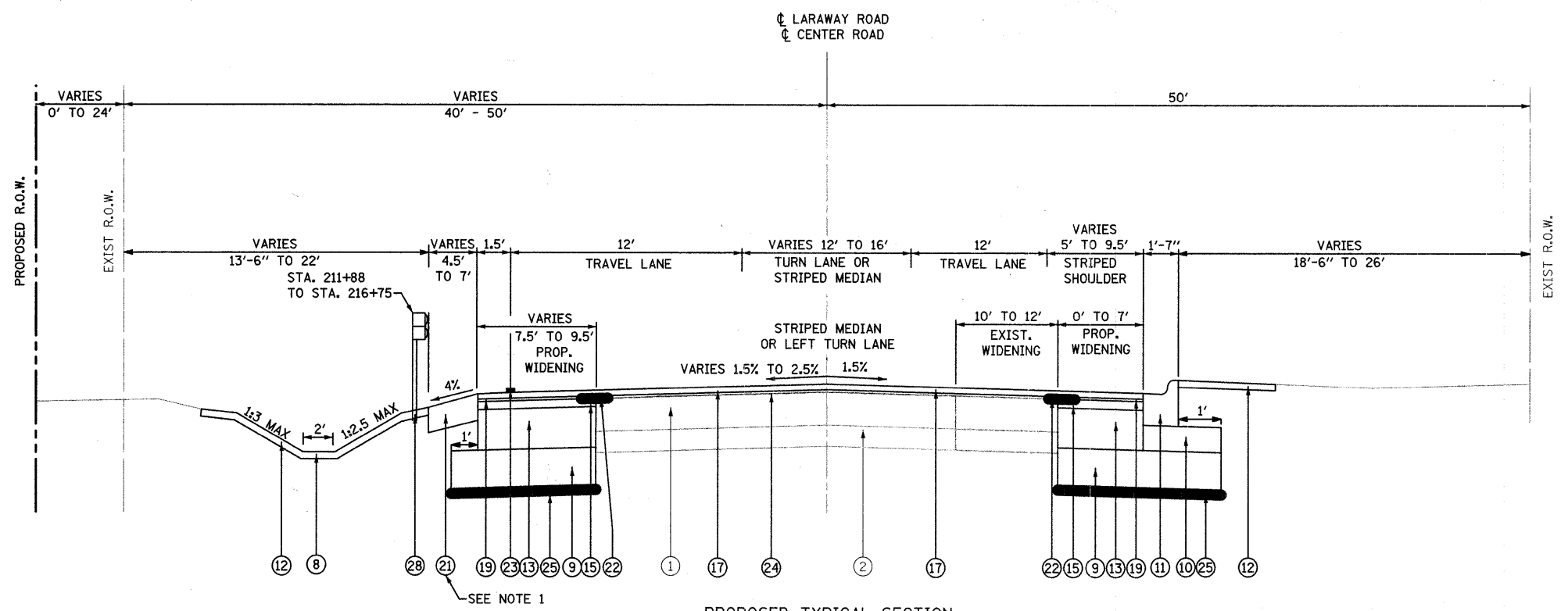
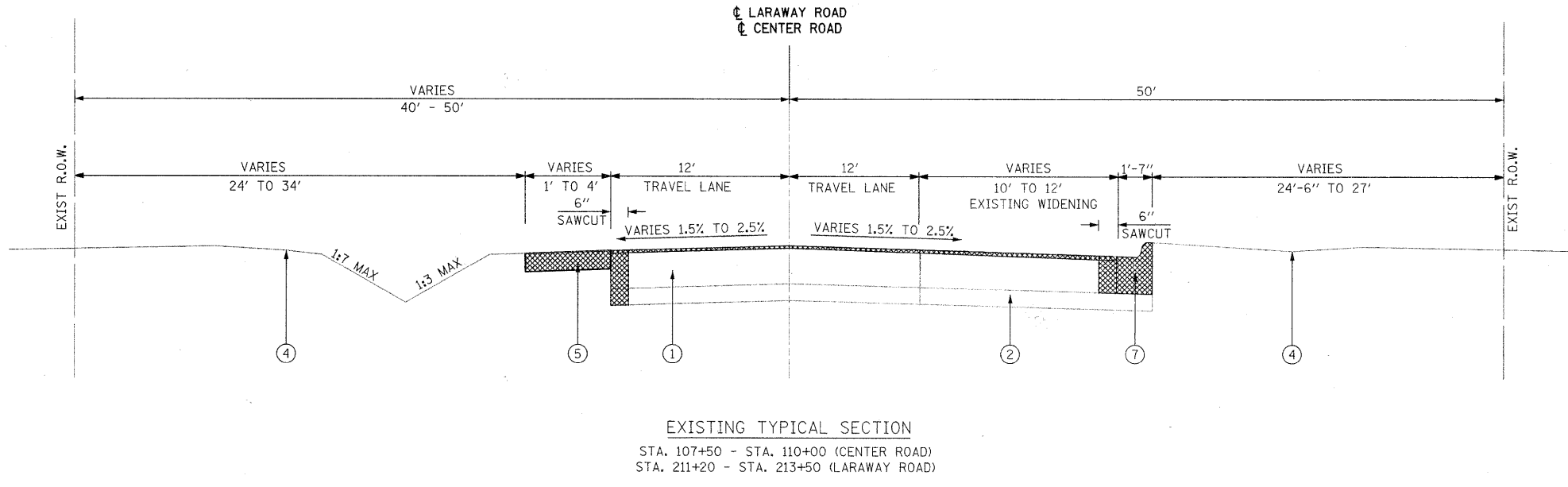
MINIMUM TF= N/A

BINDER = PG 64-22 SURFACE= PG 64-22

SUBGRADE SUPPORT RATING:

IBR= 3.0

- ① EXISTING HOT-MIX ASPHALT PAVEMENT (8.6" - 11.8")
- ② EXISTING SUB-BASE GRANULAR MATERIAL (5" - 9")
- ③ EXISTING P.C.C. SIDEWALK, 5"
- ④ EXISTING TURF AREA
- ⑤ EXISTING AGGREGATE SHOULDERS
- ⑥ EXISTING COMB. CONCRETE CURB AND GUTTER TYPE B-6.18
- ⑦ EXISTING COMB. CONCRETE CURB AND GUTTER TYPE B-6.12
- ⑧ PROP. DRAINAGE SWALE/DITCH
- ⑨ PROP. AGGREGATE SUBGRADE, 12"
- ⑩ PROP. SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- ⑪ PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑫ PROP. TOPSOIL FURNISH AND PLACE, 4", WITH PROP. SEEDING AND EROSION CONTROL BLANKET, OR PROP. SODDING, SALT TOLERANT
- ⑬ PROP. HOT-MIX ASPHALT BASE COURSE, 11.5"
- ⑭ PROP. HOT-MIX ASPHALT BASE COURSE, 10"
- ⑮ 2.25", PROP. HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- ⑯ 2.25", PROP. HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
- ⑰ 1.5", PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- ⑱ 1.5", PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- ⑲ 3/4" MIN. PROP. LEVELING BINDER (MACHINE METHOD), N70
- ⑳ 3/4" MIN. PROP. LEVELING BINDER (MACHINE METHOD), N50
- ㉑ PROP. AGGREGATE SHOULDERS, TYPE B, 8"
- ㉒ STRIP REFLECTIVE CRACK CONTROL
- ㉓ THERMOPLASTIC PAVEMENT MARKING EDGE STRIPE
- ㉔ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ㉕ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ㉖ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL & POROUS GRANULAR EMBANKMENT, SUBGRADE
- ㉗ PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ㉘ PROP. STEEL PLATE BEAM GUARD RAIL, TYPE A
- ㉙ PROP. SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- ㉚ PROP. SUB-BASE GRANULAR MATERIAL, TYPE B, 5"



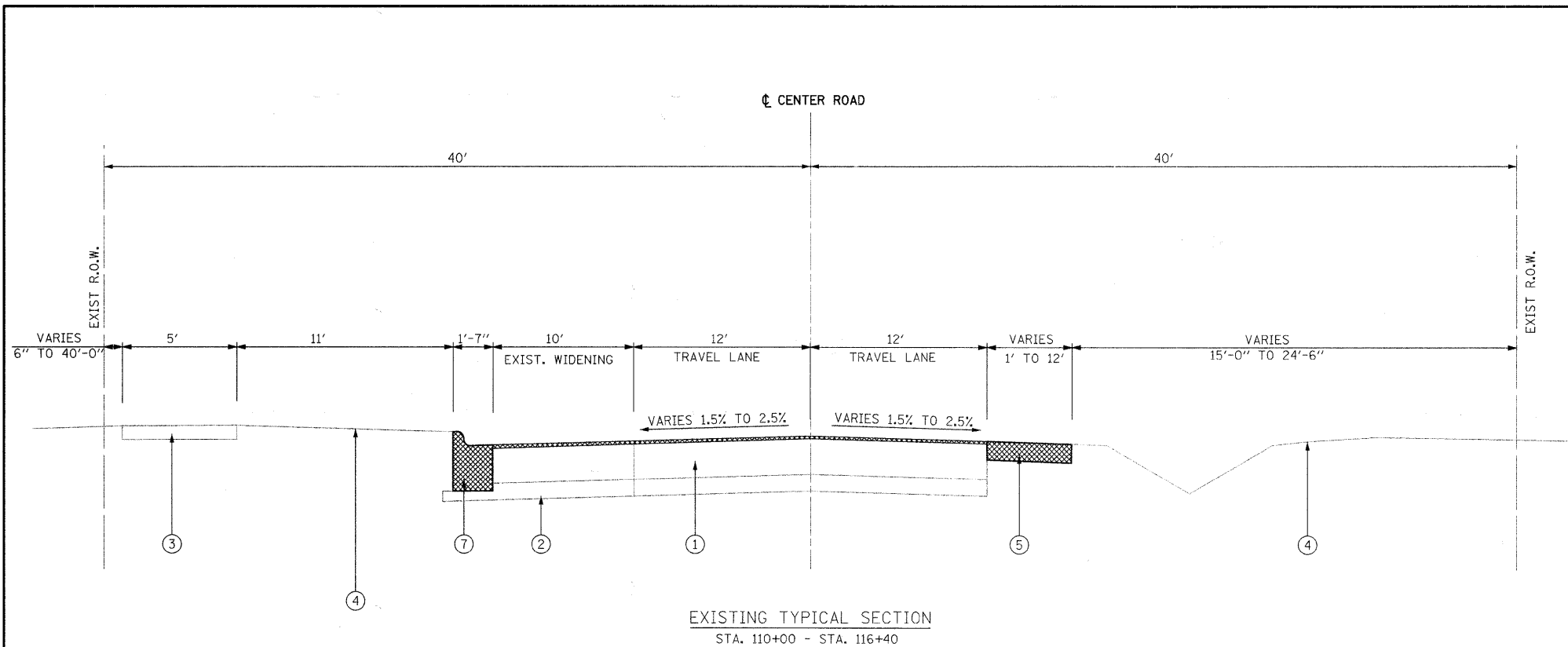
PROPOSED TYPICAL SECTION
 STA. 107+40 - STA. 111+00 (CENTER ROAD)
 STA. 211+20 - STA. 213+50 (LARAWAY ROAD)

STRUCTURAL PAVEMENT DESIGN INFORMATION - CENTER ROAD

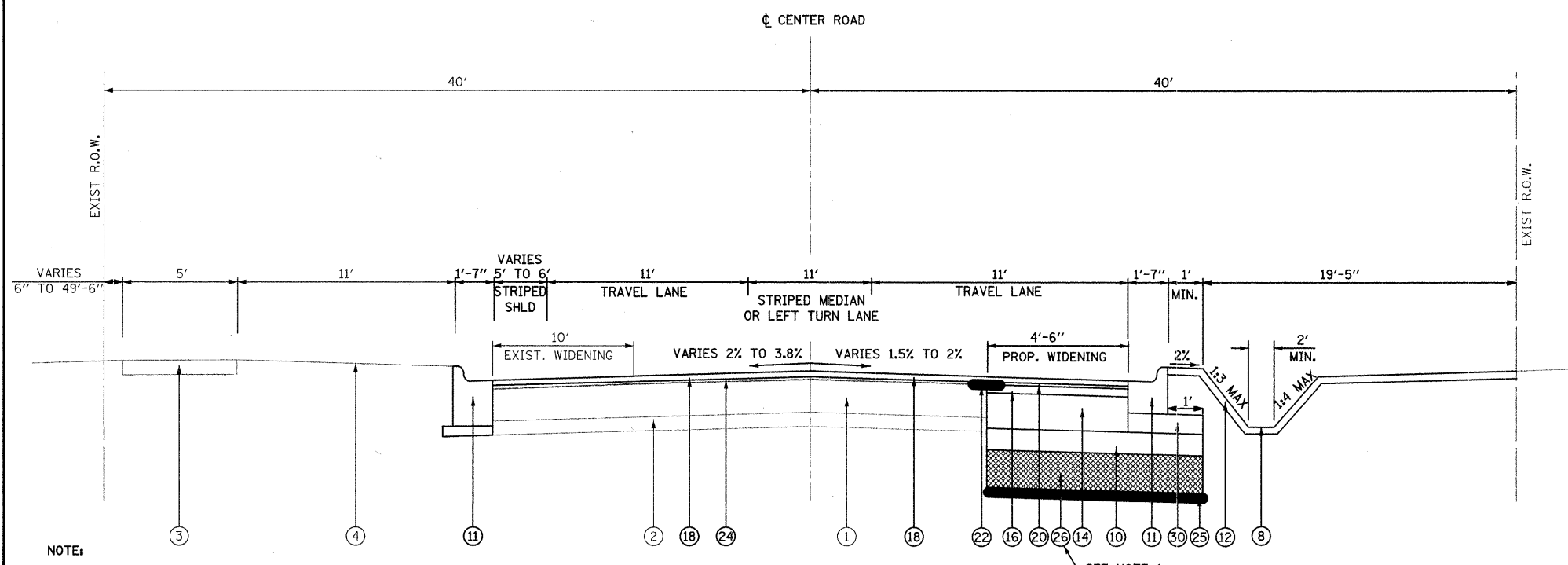
STRUCTURAL TRAFFIC: YEAR 2020		
PV= 4,429	SU= 464	MU= 257
ROAD/STREET CLASSIFICATION: CLASS II		
P= 86%	S= 9%	M= 5%
TRAFFIC FACTOR: ACTUAL TF= 1.23		
MINIMUM TF= N/A		
BINDER = PG 64-22	SURFACE= PG 64-22	
SUBGRADE SUPPORT RATING:		
IBR= 3.0		

REMOVAL ITEMS

- NOTE:**
- AT THE INTERSECTION OF LARAWAY ROAD AND CENTER ROAD, COMBINATION CURB AND GUTTER, TYPE B-6.12 SHALL BE INSTALLED AT THE NORTHEAST, NORTHWEST, AND SOUTHEAST QUADRANTS. COMBINATION CURB AND GUTTER, TYPE B-6.24 SHALL BE INSTALLED AT THE SOUTHWEST QUADRANT.
 - THE BITUMINOUS MATERIALS (PRIME COAT) QUANTITIES HAVE BEEN DETERMINED USING A RATE OF 0.25 GAL/SQ YD BETWEEN THE SUBBASE AND BASE COURSES, AND 0.08 GAL/SQ YD BETWEEN THE BASE AND BINDER COURSES AND THE BINDER AND SURFACE COURSES.



EXISTING TYPICAL SECTION
STA. 110+00 - STA. 116+40



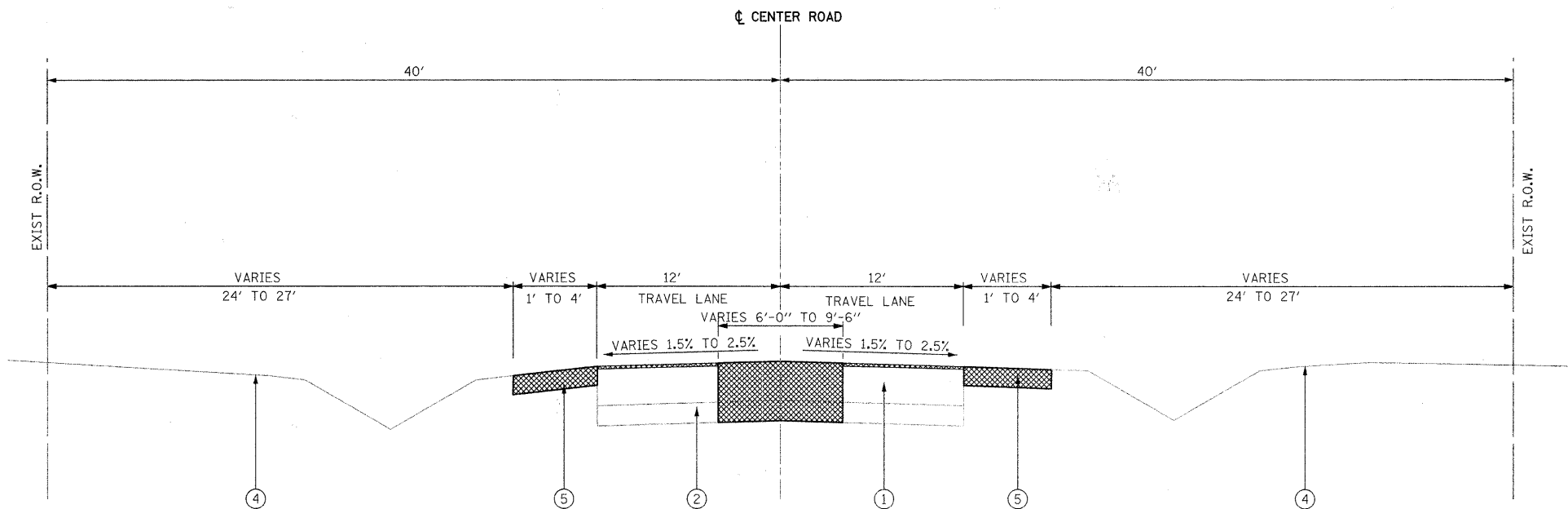
PROPOSED TYPICAL SECTION
STA. 111+00 - STA. 116+40

- ① EXISTING HOT-MIX ASPHALT PAVEMENT (8.6" - 11.8")
- ② EXISTING SUB-BASE GRANULAR MATERIAL (5" - 9")
- ③ EXISTING P.C.C. SIDEWALK, 5"
- ④ EXISTING TURF AREA
- ⑤ EXISTING AGGREGATE SHOULDERS
- ⑥ EXISTING COMB. CONCRETE CURB AND GUTTER TYPE B-6.18
- ⑦ EXISTING COMB. CONCRETE CURB AND GUTTER TYPE B-6.12
- ⑧ PROP. DRAINAGE SWALE/DITCH
- ⑨ PROP. AGGREGATE SUBGRADE, 12"
- ⑩ PROP. SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- ⑪ PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑫ PROP. TOPSOIL FURNISH AND PLACE, 4", WITH PROP. SEEDING AND EROSION CONTROL BLANKET, OR PROP. SODDING, SALT TOLERANT
- ⑬ PROP. HOT-MIX ASPHALT BASE COURSE, 11.5"
- ⑭ PROP. HOT-MIX ASPHALT BASE COURSE, 10"
- ⑮ 2.25", PROP. HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- ⑯ 2.25", PROP. HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
- ⑰ 1.5", PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- ⑱ 1.5", PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- ⑲ 3/4" MIN. PROP. LEVELING BINDER (MACHINE METHOD), N70
- ⑳ 3/4" MIN. PROP. LEVELING BINDER (MACHINE METHOD), N50
- ㉑ PROP. AGGREGATE SHOULDERS, TYPE B, 8"
- ㉒ STRIP REFLECTIVE CRACK CONTROL
- ㉓ THERMOPLASTIC PAVEMENT MARKING EDGE STRIPE
- ㉔ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ㉕ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ㉖ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL & POROUS GRANULAR EMBANKMENT, SUBGRADE
- ㉗ PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ㉘ PROP. STEEL PLATE BEAM GUARD RAIL, TYPE A
- ㉙ PROP. SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- ㉚ PROP. SUB-BASE GRANULAR MATERIAL, TYPE B, 5"

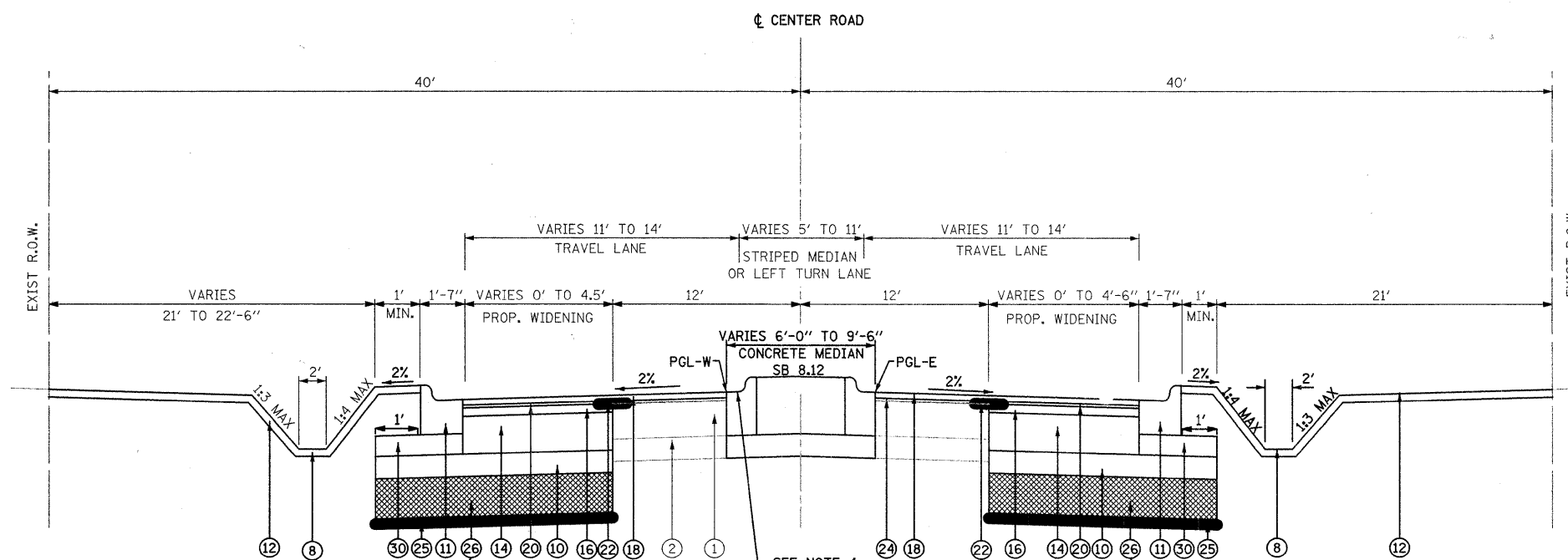
- NOTE:
- SEE CROSS SECTIONS AND GEOTECHNICAL REPORT FOR ESTIMATED UNDERCUT AREAS AND DEPTHS.
 - THE BITUMINOUS MATERIALS (PRIME COAT) QUANTITIES HAVE BEEN DETERMINED USING A RATE OF 0.25 GAL/SQ YD BETWEEN THE SUBBASE AND BASE COURSES, AND 0.08 GAL/SQ YD BETWEEN THE BASE AND BINDER COURSES AND THE BINDER AND SURFACE COURSES.

REMOVAL ITEMS

FILE NAME =	USER NAME = edamm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
sv\jo1\6600--6699\6628\004\micos\typicals.dgn		DRAWN -	REVISED -			3759	04-00038-00-WR	WILL	165	9
PLOT SCALE = 21.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 63248				
PLOT DATE = 3/31/2018		DATE -	REVISED -			SCALE: NONE	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT



EXISTING TYPICAL SECTION
STA. 116+40 - STA. 137+60.4



PROPOSED TYPICAL SECTION
STA. 116+40 - STA. 137+60.4

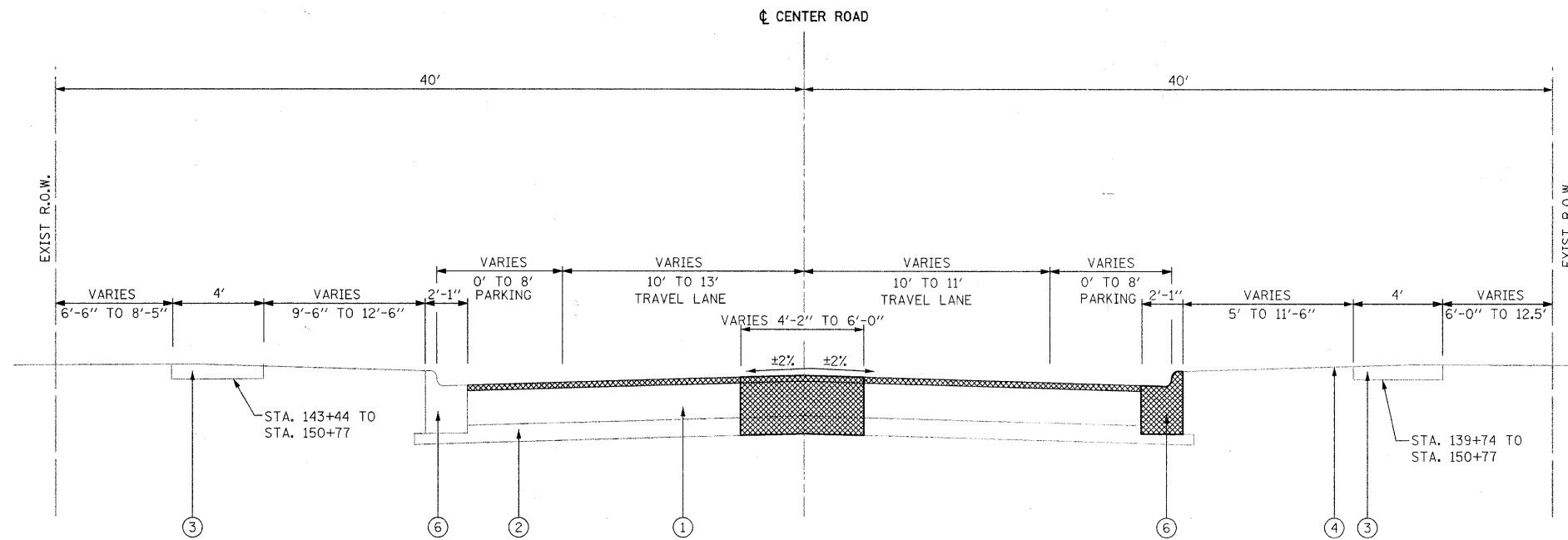
- ① EXISTING HOT-MIX ASPHALT PAVEMENT (8.6" - 11.8")
- ② EXISTING SUB-BASE GRANULAR MATERIAL (5" - 9")
- ③ EXISTING P.C.C. SIDEWALK, 5"
- ④ EXISTING TURF AREA
- ⑤ EXISTING AGGREGATE SHOULDERS
- ⑥ EXISTING COMB. CONCRETE CURB AND GUTTER TYPE B-6.18
- ⑦ EXISTING COMB. CONCRETE CURB AND GUTTER TYPE B-6.12
- ⑧ PROP. DRAINAGE SWALE/DITCH
- ⑨ PROP. AGGREGATE SUBGRADE, 12"
- ⑩ PROP. SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- ⑪ PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑫ PROP. TOPSOIL FURNISH AND PLACE, 4", WITH PROP. SEEDING AND EROSION CONTROL BLANKET, OR PROP. SODDING, SALT TOLERANT
- ⑬ PROP. HOT-MIX ASPHALT BASE COURSE, 11.5"
- ⑭ PROP. HOT-MIX ASPHALT BASE COURSE, 10"
- ⑮ 2.25", PROP. HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- ⑯ 2.25", PROP. HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
- ⑰ 1.5", PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- ⑱ 1.5", PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- ⑲ 3/4" MIN. PROP. LEVELING BINDER (MACHINE METHOD), N70
- ⑳ 3/4" MIN. PROP. LEVELING BINDER (MACHINE METHOD), N50
- ㉑ PROP. AGGREGATE SHOULDERS, TYPE B, 8"
- ㉒ STRIP REFLECTIVE CRACK CONTROL
- ㉓ THERMOPLASTIC PAVEMENT MARKING EDGE STRIPE
- ㉔ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ㉕ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ㉖ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL & POROUS GRANULAR EMBANKMENT, SUBGRADE
- ㉗ PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ㉘ PROP. STEEL PLATE BEAM GUARD RAIL, TYPE A
- ㉙ PROP. SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- ㉚ PROP. SUB-BASE GRANULAR MATERIAL, TYPE B, 5"

NOTES:

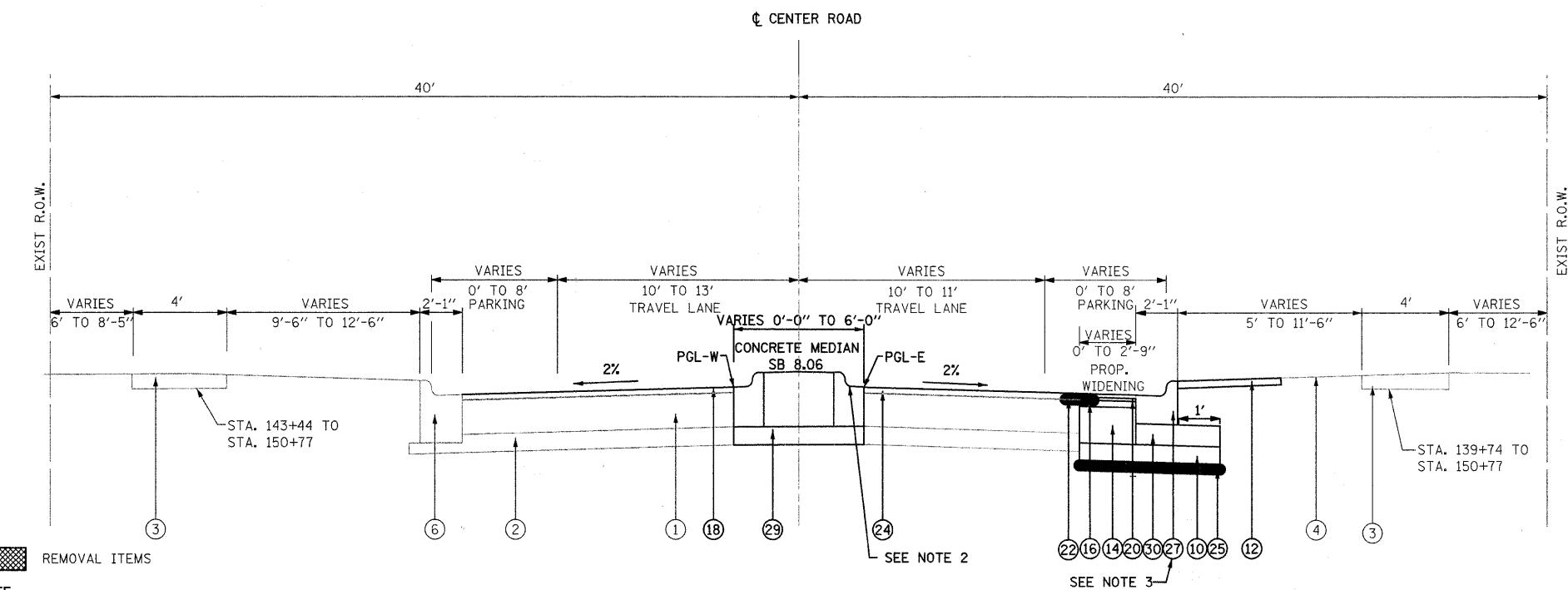
- 1. PAVEMENT RECONSTRUCTION STA. 133+50 TO STA. 135+50
- 2. SEE CROSS SECTIONS AND GEOTECHNICAL REPORT FOR ESTIMATED UNDERCUT AREAS AND DEPTHS.
- 3. THE BITUMINOUS MATERIALS (PRIME COAT) QUANTITIES HAVE BEEN DETERMINED USING A RATE OF 0.25 GAL/SQ YD BETWEEN THE SUBBASE AND BASE COURSES, AND 0.08 GAL/SQ YD BETWEEN THE BASE AND BINDER COURSES AND THE BINDER AND SURFACE COURSES.
- 4. STA. 136+62 TO STA. 137+55. GUTTER SHALL SLOPE AWAY FROM MEDIAN CURB FACE.

REMOVAL ITEMS

FILE NAME =	USER NAME = adamm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
st:\j01\66808--6699\6628\004\micos\Typicals.dgn		DRAWN -	REVISED -			3759	04-00038-00-WR	WILL	165	10
PLOT SCALE = 21.0000" / IN.		CHECKED -	REVISED -			CONTRACT NO. 63248				
PLOT DATE = 3/31/2012		DATE -	REVISED -			SCALE: NONE	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT



EXISTING TYPICAL SECTION
STA. 137+82 - STA. 151+33



PROPOSED TYPICAL SECTION
STA. 137+82 - STA. 151+33

- ① EXISTING HOT-MIX ASPHALT PAVEMENT (8.6" - 11.8")
- ② EXISTING SUB-BASE GRANULAR MATERIAL (5" - 9")
- ③ EXISTING P.C.C. SIDEWALK, 5"
- ④ EXISTING TURF AREA
- ⑤ EXISTING AGGREGATE SHOULDERS
- ⑥ EXISTING COMB. CONCRETE CURB AND GUTTER TYPE B-6.18
- ⑦ EXISTING COMB. CONCRETE CURB AND GUTTER TYPE B-6.12
- ⑧ PROP. DRAINAGE SWALE/DITCH
- ⑨ PROP. AGGREGATE SUBGRADE, 12"
- ⑩ PROP. SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- ⑪ PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑫ PROP. TOPSOIL FURNISH AND PLACE, 4", WITH PROP. SEEDING AND EROSION CONTROL BLANKET, OR PROP. SODDING, SALT TOLERANT
- ⑬ PROP. HOT-MIX ASPHALT BASE COURSE, 11.5"
- ⑭ PROP. HOT-MIX ASPHALT BASE COURSE, 10"
- ⑮ 2.25", PROP. HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- ⑯ 2.25", PROP. HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
- ⑰ 1.5", PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- ⑱ 1.5", PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- ⑲ 3/4" MIN. PROP. LEVELING BINDER (MACHINE METHOD), N70
- ⑳ 3/4" MIN. PROP. LEVELING BINDER (MACHINE METHOD), N50
- ㉑ PROP. AGGREGATE SHOULDERS, TYPE B, 8"
- ㉒ STRIP REFLECTIVE CRACK CONTROL
- ㉓ THERMOPLASTIC PAVEMENT MARKING EDGE STRIPE
- ㉔ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ㉕ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ㉖ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL & POROUS GRANULAR EMBANKMENT, SUBGRADE
- ㉗ PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ㉘ PROP. STEEL PLATE BEAM GUARD RAIL, TYPE A
- ㉙ PROP. SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- ㉚ PROP. SUB-BASE GRANULAR MATERIAL, TYPE B, 5"

REMOVAL ITEMS

NOTE:

1. THE BITUMINOUS MATERIALS (PRIME COAT) QUANTITIES HAVE BEEN DETERMINED USING A RATE OF 0.25 GAL/SQ YD BETWEEN THE SUBBASE AND BASE COURSES, AND 0.08 GAL/SQ YD BETWEEN THE BASE AND BINDER COURSES AND THE BINDER AND SURFACE COURSES.
2. STA. 137+86 TO STA. 138+86. GUTTER SHALL SLOPE AWAY FROM MEDIAN CURB FACE.
3. CURB AND GUTTER SHALL BE REMOVED AND REPLACED BETWEEN STA. 137+92 AND STA. 141+22.

FILE NAME =	USER NAME = adamm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
sv\j01\6600--6699\6628\004\micros\typical.dgn		DRAWN -	REVISED -			3759	04-00038-00-WR	WILL	165	11	
PLOT SCALE = 21.0000" / IN.		CHECKED -	REVISED -			CONTRACT NO. 63248					
PLOT DATE = 3/31/2012		DATE -	REVISED -			SCALE: NONE	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS 78000100				
LOCATION (STATION)	OFFSET	COLOR	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT
STATION	ROADWAY			
107+82	CENTER	CL	WHITE	20.8
108+07	CENTER	CL	WHITE	15.6
111+99	CENTER	CL	WHITE	15.6
112+25	CENTER	CL	WHITE	20.8
117+61	CENTER	CL	WHITE	15.6
117+87	CENTER	CL	WHITE	20.8
135+17	CENTER	CL	WHITE	20.8
135+43	CENTER	CL	WHITE	15.6
134+50	CENTER	RT	WHITE	3.6
134+50	CENTER	RT	WHITE	3.6
135+15	CENTER	CL	WHITE	20.8
135+40	CENTER	CL	WHITE	15.6
140+90	CENTER	LT	WHITE	3.6
140+90	CENTER	LT	WHITE	3.6
206+95	LARAWAY	CL	WHITE	20.8
207+25	LARAWAY	CL	WHITE	15.6
208+80	LARAWAY	CL	WHITE	20.8
209+09	LARAWAY	CL	WHITE	15.6
211+50	LARAWAY	CL	WHITE	15.6
211+80	LARAWAY	CL	WHITE	20.8
TOTAL				306

THERMOPLASTIC PAVEMENT MARKING - LINE 24" 78000650				
LOCATION (STATION)	OFFSET	COLOR	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT
FROM	TO			
CENTER ROAD				
109+54		CL/RT	WHITE	33
110+52		CL/LT	WHITE	26
116+58		RT	WHITE	28
134+25		RT	WHITE	11
134+75		RT	WHITE	11
136+24		LT	WHITE	14
137+40		RT	WHITE	11
138+02		LT	WHITE	11
140+65		LT	WHITE	15.5
141+15		LT	WHITE	15.5
141+56		RT	WHITE	17
150+96		RT	WHITE	23
LARAWAY ROAD				
209+25		RT/CL	WHITE	28
210+45		LT/CL	WHITE	28
TOTAL				272

THERMOPLASTIC PAVEMENT MARKING - LINE 12" 78000600					
LOCATION (STATION)	OFFSET	COLOR	TYPE	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT
FROM	TO				
CENTER ROAD					
104+00	107+30	CL	YELLOW	DIAGONAL	127
107+70	109+80	RT	WHITE	DIAGONAL	44
108+98	109+72	LT	WHITE	DIAGONAL	22
110+22	115+68	LT	WHITE	DIAGONAL	82
110+20	110+80	RT	WHITE	DIAGONAL	17
112+97	116+20	CL	YELLOW	DIAGONAL	219
118+40	134+74	CL	YELLOW	DIAGONAL	63
138+86	139+71	CL	YELLOW	DIAGONAL	28
LARAWAY ROAD					
204+32	206+76	CL	YELLOW	DIAGONAL	131
212+05	216+23	CL	YELLOW	DIAGONAL	209
TOTAL					602

THERMOPLASTIC PAVEMENT MARKING - LINE 6" 78000400				
LOCATION (STATION)	OFFSET	COLOR	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT
FROM	TO			
CENTER ROAD				
107+69	109+54	RT	WHITE	185
110+52	112+37	LT	WHITE	185
116+87	118+02	LT	WHITE	115
133+80	134+25	RT	WHITE	12
134+25	134+75	RT	WHITE	50
134+75	135+01	RT	WHITE	8
135+01	136+16	RT	WHITE	115
141+36	141+74	RT	WHITE	74
150+96	151+11	RT/LT	WHITE	44
151+00	151+24	RT	WHITE	24
151+03	151+26	RT	WHITE	24
151+02	151+17	RT/LT	WHITE	43
151+31	151+41	LT	WHITE	10
LARAWAY ROAD				
206+84	209+25	RT	WHITE	240
210+47	211+92	CL	WHITE	145
TOTAL				1,274

THERMOPLASTIC PAVEMENT MARKING - LINE 4" 78000200					
LOCATION (STATION)	OFFSET	COLOR	TYPE	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT
FROM	TO				
CENTER ROAD					
102+40	103+00	CL	YELLOW	DOUBLE	120
102+40	109+80	LT	WHITE		770
103+00	109+54	LT/CL	YELLOW	DOUBLE	1,310
103+00	107+69	RT/CL	YELLOW	DOUBLE	940
102+40	109+80	RT			776
107+70	109+80	RT			53
110+20	111+26	RT	WHITE		117
110+27	116+04	LT	WHITE		584
110+52	116+29	RT	YELLOW	DOUBLE	1,152
112+38	116+29	LT	YELLOW	DOUBLE	792
116+88	135+01	RT	YELLOW	DOUBLE	3,632
118+02	136+16	LT	YELLOW	DOUBLE	3,640
136+60	137+60	RT	YELLOW		103
136+60	137+60	LT	YELLOW		103
137+82	138+86	RT	YELLOW		104
137+82	138+86	LT	YELLOW		104
138+86	140+08	RT	YELLOW	DOUBLE	246
138+86	140+05	LT	YELLOW	DOUBLE	238
140+08	141+26	CL	YELLOW	DOUBLE	238
141+97	151+00	CL	YELLOW	SKIP-DASH	226
LARAWAY ROAD					
204+02	209+32	RT	WHITE		530
204+02	209+24	RT	YELLOW	DOUBLE	1,046
204+02	209+24	LT	YELLOW	DOUBLE	1,044
204+32	209+48	LT	WHITE		515
210+47	217+30	RT	YELLOW	DOUBLE	1,368
210+47	217+00	LT	YELLOW	DOUBLE	1,310
210+49	217+30	LT	WHITE		682
TOTAL					21,743

PAVEMENT MARKING REMOVAL 78300105			
LOCATION (STATION)	OFFSET	STREET	PAVEMENT MARKING REMOVAL
FROM	TO		FOOT
102+40	106+70	CENTER	968
110+50	137+50	CENTER	3,375
204+30	207+50	LARAWAY	1,672
207+50	209+40	LARAWAY	570
210+50	217+30	LARAWAY	2,040
TOTAL			8,625

THERMOPLASTIC PAVEMENT MARKING - LINE 16" 78000610				
LOCATION (STATION)	OFFSET	COLOR	THERMOPLASTIC PAVEMENT MARKING - LINE 16"	FOOT
FROM	TO			
134+50		RT	WHITE	44
140+90		LT	WHITE	44
TOTAL				88

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT 40600980			
LOCATION (STATION AT CENTERLINE OF CENTER ROAD)	OFFSET	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD
102+40	CL		84
103+06	RT		50
113+79	LT		41
116+15	LT		27
116+50	LT		40
136+45	LT		27
137+30	LT		78
137+82	LT		15
141+50	RT		39
151+07	CL		160
LARAWAY ROAD			
204+02	CL		172
212+92	RT		74
216+66	RT		44
217+00	CL		87
TOTAL			936

FILE NAME = s:\j\166280 - 65991662800A.mxd, sheet: s:\schedule\quantities.dgn

EARTHWORK SCHEDULE							
			20200100	20201200			
LOCATION (STATION)	STAGE	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	REMOVAL OF UNSUITABLE MATERIAL	
FROM	TO	(CUBIC YARD)	(CUBIC YARD)	(CUBIC YARD)	(CUBIC YARD)	TOPSOIL REMOVAL	UNDERCUT
CENTER ROAD							
102+40	110+00	I	400	340	260	+80	
110+50	116+50	I	155	135	330	-195	
116+50	137+50	I	935	795	760	35	
138+00	151+00	I	95	85	0	+85	
SUBTOTAL		I	1,585	1,355	1,350	-160	440
CENTER ROAD							
102+40	110+00	II	310	265	380	-115	
110+50	116+50	II	50	45	12	+33	
116+50	137+50	II	985	840	690	+150	
138+00	151+00	II	10	10	0		
SUBTOTAL		II	1,355	1,150	1,082	-115	365
LARAWAY ROAD							
204+02	210+00	III	335	285	180	+105	
210+00	217+30	III	155	135	130	5	
SUBTOTAL		III	490	420	310	+110	65
LARAWAY ROAD							
204+02	210+00	IV	385	330	150	+180	
210+00	217+30	IV	220	190	735	-925	
SUBTOTAL		IV	605	520	885	-925	0
DRAINAGE POND							
12+00	20+25						1,335
TOTAL			4,035	3,445	3,627	-1,090	4,395

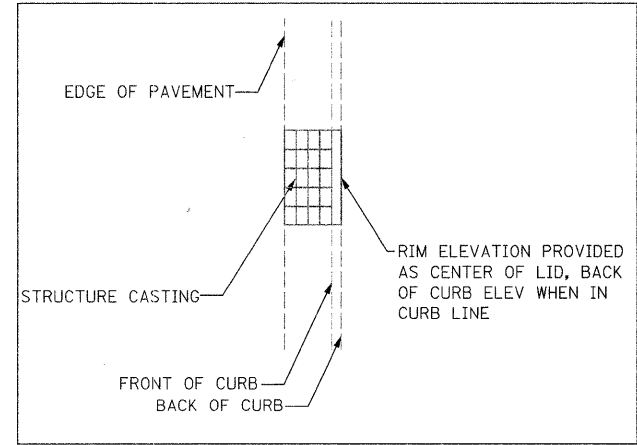
TOPSOIL				
LOCATION (STATION)		OFFSET		21101615
FROM	TO	LEFT	RIGHT	TOPSOIL FURNISH AND PLACE 4"
CENTER ROAD				
102+40	110+00	165	122	2,609
110+50	116+50	440	588	9,345
LARAWAY ROAD				
204+02	210+00	93	98	1,736
210+00	217+30	192	111	2,755
DRAINAGE POND/SEWER				
10+00	12+00			230
12+00	20+25	330		3,000
22+00	28+00			1,315
TOTAL				20,990

PERIMETER EROSION BARRIER			
			28000400
LOCATION/STATION	OFFSET		PERIMETER EROSION BARRIER
FROM	TO		FOOT
CENTER ROAD			
102+50	109+50	LT	700
103+25	104+25	RT	115
108+75	109+50	RT	70
110+50	116+50	RT	630
110+50	116+50	LT	211
117+00	119+00	LT	285
117+00	118+30	RT	200
119+25	126+50	LT	750
118+50	119+50	RT	95
120+00	122+90	RT	300
124+10	132+50	RT	830
127+25	133+00	LT	570
132+75	133+25	RT	55
134+00	135+00	LT	100
135+50	137+00	RT	150
LARAWAY ROAD			
204+00	210+00	LT	580
204+00	210+00	RT	524
210+00	217+30	LT	715
210+01	217+31	RT	455
CN RAILROAD			
16+23	18+25	RT	220
18+25	18+25	RT	40
18+25	26+00	RT	760
16+00	26+70	LT	1,070
27+00	28+20	LT	120
28+50	34+30	LT	580
			10,125

RIPRAP						
				28100105	28100107	28200200
LOCATION/STATION	OFFSET	LENGTH	WIDTH	STONE RIPRAP, CLASS A3	STONE RIPRAP, CLASS A4	FILTER FABRIC
		FOOT	FOOT	SQ YD	SQ YD	SQ YD
CENTER ROAD						
104+90	RT	15	18	30		30
106+50	RT	14	7	11		11
107+00	LT	16	7	12		12
115+07	RT	12	8	11		11
131+72	RT	12	8	11		11
132+50	LT	14	8	12		12
135+00	LT	31	8	28		28
CN RAILROAD						
13+00	-	24	8		21	21
29+00	-	24	7		19	19
TOTAL				115	40	155

FRAMES AND LIDS TO BE ADJUSTED			
		60300305	60300305
LOCATION (CENTER)	OFFSET	FRAMES AND LIDS TO BE ADJUSTED	FRAMES AND LIDS TO BE ADJUSTED, SPECIAL
		EACH	EACH
CENTER ROAD			
110+30	RT		1
110+53	LT		1
113+31	RT	1	
116+16	LT		1
116+42	RT		1
120+55	RT	1	
123+60	RT		1
124+84	RT	1	
128+75	RT	1	
132+30	LT	1	
134+90	LT	1	
136+25	RT	1	
136+95	LT		1
144+12	LT		1
147+94	LT		1
LARAWAY ROAD			
211+96	RT	1	
212+69	RT	1	
214+01	RT		
214+00	RT	1	
TOTAL		10	8

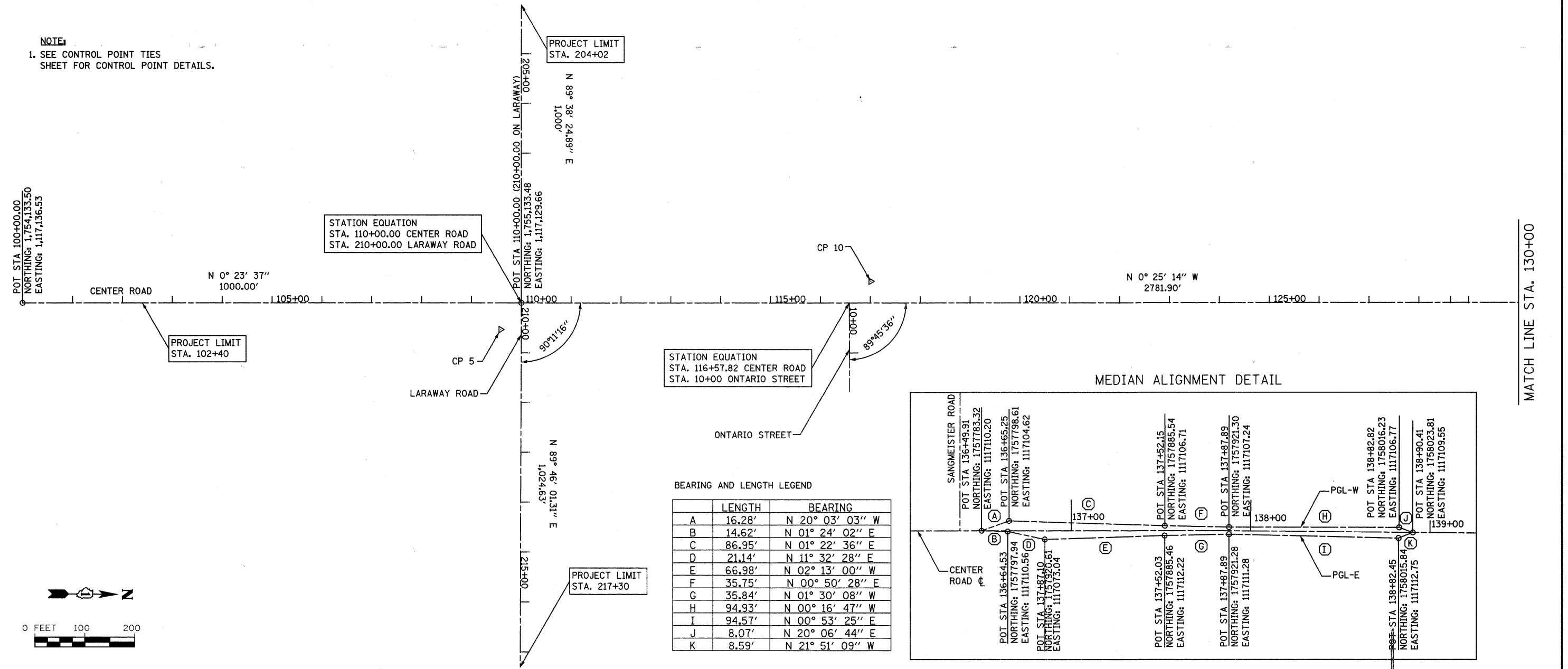
PIPE CULVERT REMOVAL					
				50105220	20800150
LOCATION	OFFSET	PIPE CULVERT REMOVAL	TRENCH BACKFILL		
FROM	TO	FOOT	CU YD		
CENTER ROAD					
103+78	104+87	25	RT	109	18.0
104+92			CL	51	11.0
106+68	107+38	26	RT	72	16.0
112+09	112+28	23	RT	19	
118+13	120+28	25	RT	216	34.0
119+05	119+27	20	LT	22	
122+88	124+62	23	RT	175	23.0
126+75	127+33	22	LT	58	19.0
128+48	128+76	22	LT	28	
132+18	134+60	24	RT	243	60.0
132+85	134+34	28	LT	147	27.0
135+05			CL	49	15.0
135+09	136+50	27.0	RT	142	15.0
13651		22.0	RT	9	
137+18		47.0	RT	240	
137+23		995.0	RT	35	
LARAWAY ROAD					
204+26	204+38	28.0	LT	12	
207+72	207+98	26.0	RT	26	
208+40	208+61		RT	21	
209+07	209+31		RT	24	
209+37			CL	50	18.0
211+52	211+82	35.0	LT	31	8.0
TOTAL				1,779	264



RIM ELEVATION DETAIL
SEE DRAINAGE AND UTILITY PLAN AND PROFILE DRAWINGS FOR DRAINAGE STRUCTURE SCHEDULE

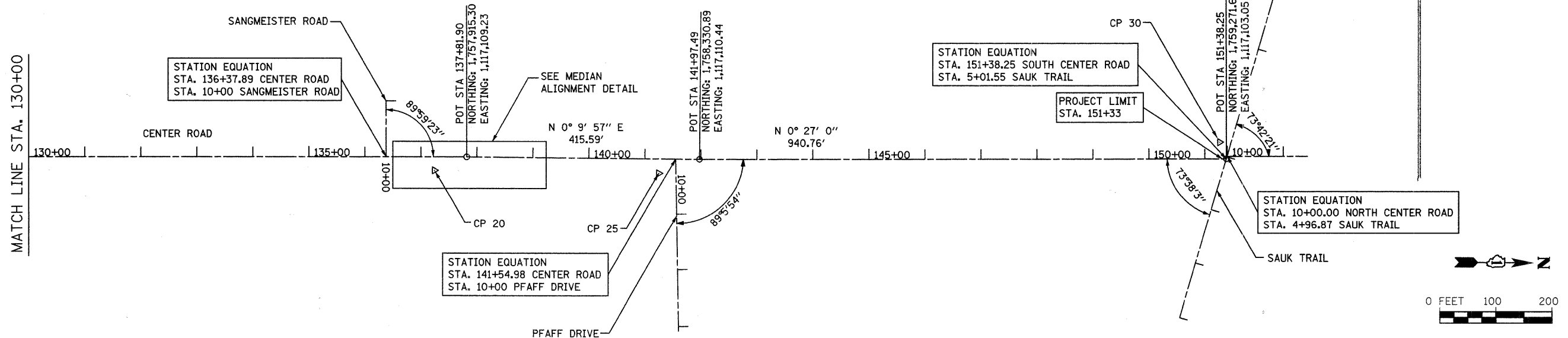
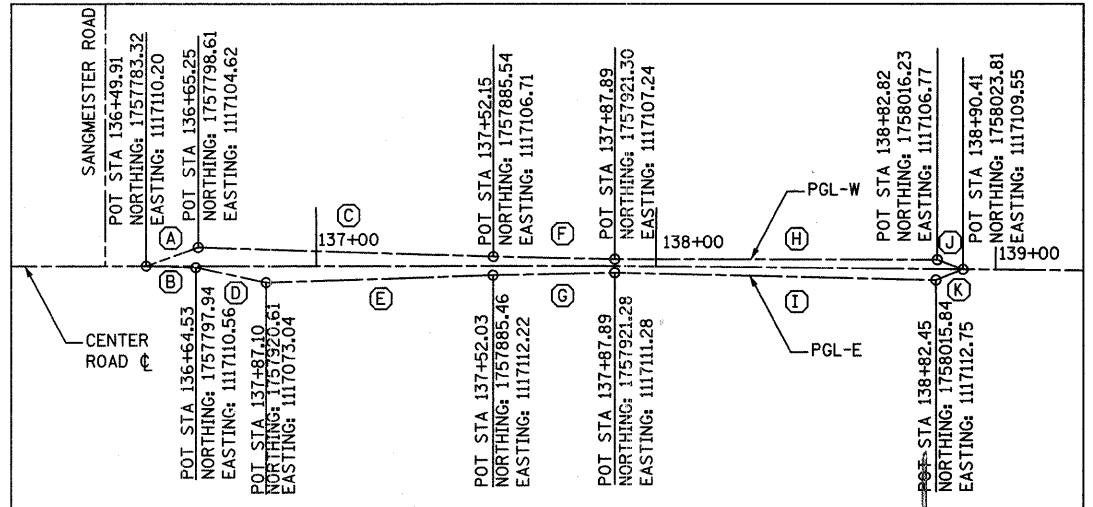
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NOTE:
1. SEE CONTROL POINT TIES SHEET FOR CONTROL POINT DETAILS.



BEARING AND LENGTH LEGEND

	LENGTH	BEARING
A	16.28'	N 20° 03' 03" W
B	14.62'	N 01° 24' 02" E
C	86.95'	N 01° 22' 36" E
D	21.14'	N 11° 32' 28" E
E	66.98'	N 02° 13' 00" W
F	35.75'	N 00° 50' 28" E
G	35.84'	N 01° 30' 08" W
H	94.93'	N 00° 16' 47" W
I	94.57'	N 00° 53' 25" E
J	8.07'	N 20° 06' 44" E
K	8.59'	N 21° 51' 09" W



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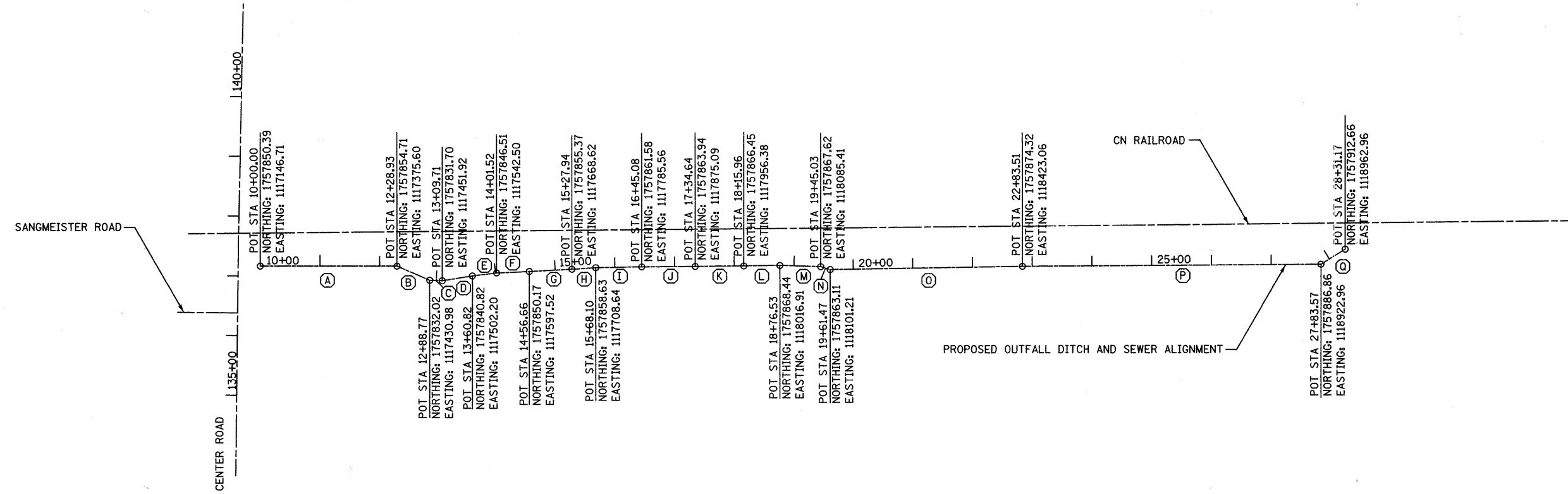
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PLOT DATE = 3/31/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HORIZONTAL ALIGNMENT	
SCALE: AS SHOWN	SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 3759	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 17
CONTRACT NO. 63248			ILLINOIS FED. AID PROJECT	

NOTE:
1. SEE CONTROL POINT TIES SHEET FOR CONTROL POINT DETAILS.



BEARING AND LENGTH LEGEND

	LENGTH	BEARING
A	228.93'	N 88° 55' 10" E
B	59.84'	S 67° 43' 25" E
C	20.94'	S 89° 07' 16" E
D	51.11'	N 79° 43' 42" E
E	40.70'	N 81° 57' 24" E
F	55.14'	N 86° 11' 59" E
G	71.29'	N 85° 49' 00" E
H	40.16'	N 85° 20' 30" E
I	76.98'	N 87° 47' 53" E
J	89.55'	N 88° 29' 29" E
K	81.33'	N 88° 13' 53" E
L	60.56'	N 88° 07' 12" E
M	68.50'	N 89° 19' 05" E
N	16.44'	S 74° 03' 23" E
O	322.04'	N 88° 00' 15" E
P	500.06'	N 88° 33' 50" E
Q	47.60'	N 57° 10' 16" E

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USER NAME = adamn	DESIGNED -	REVISED -
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	DATE -	REVISED -

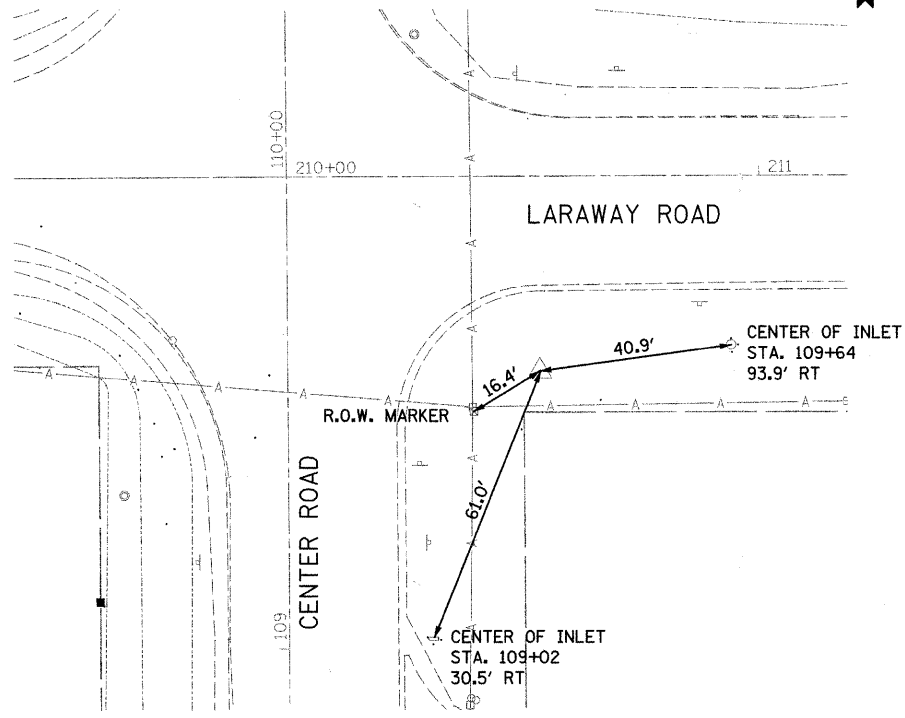
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HORIZONTAL ALIGNMENT

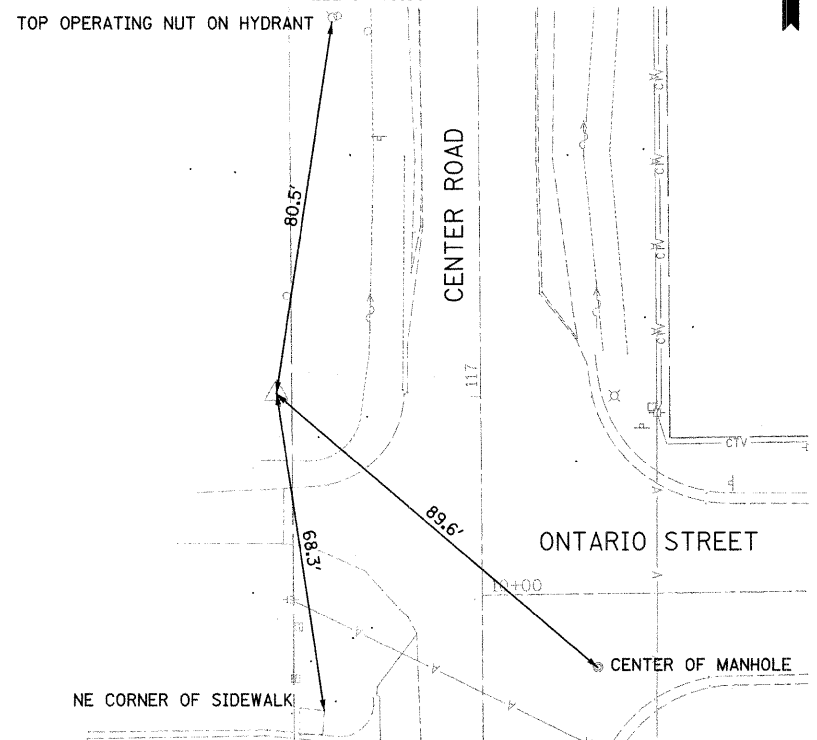
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 3759	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 17A
CONTRACT NO. 63248				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

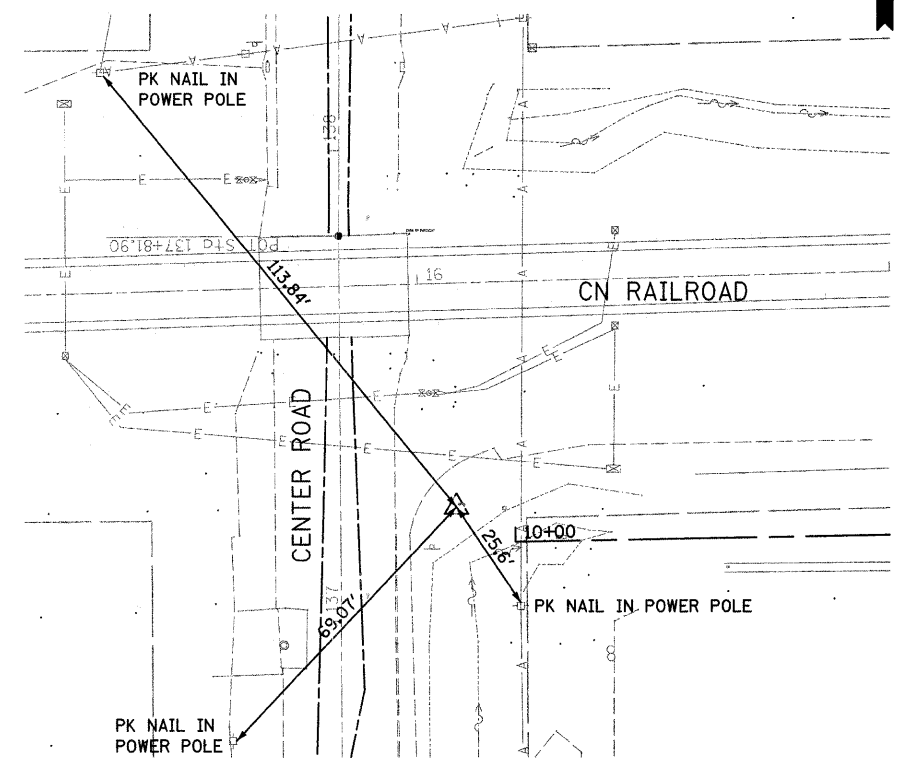
CP 5
REBAR W/ CAP
NORTHING: 1,755,092.51
EASTING: 1,117,183.33
ELEV: 776.60



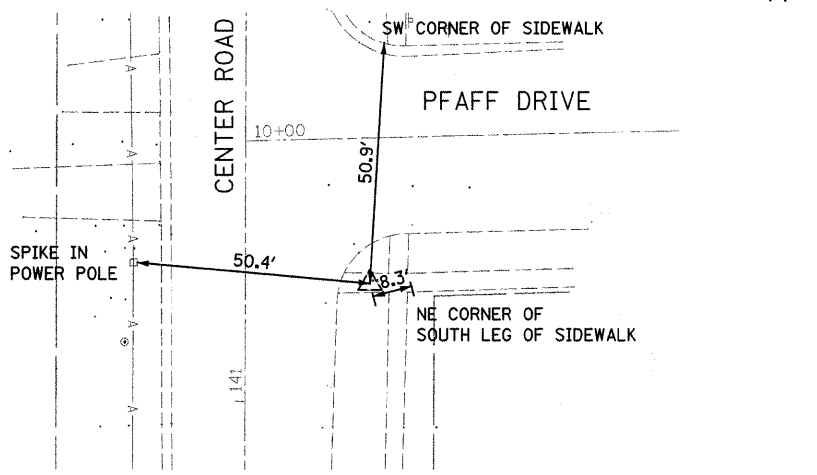
CP 10
REBAR W/ CAP
NORTHING: 1,755,834.13
EASTING: 1,117,081.28
ELEV: 773.90



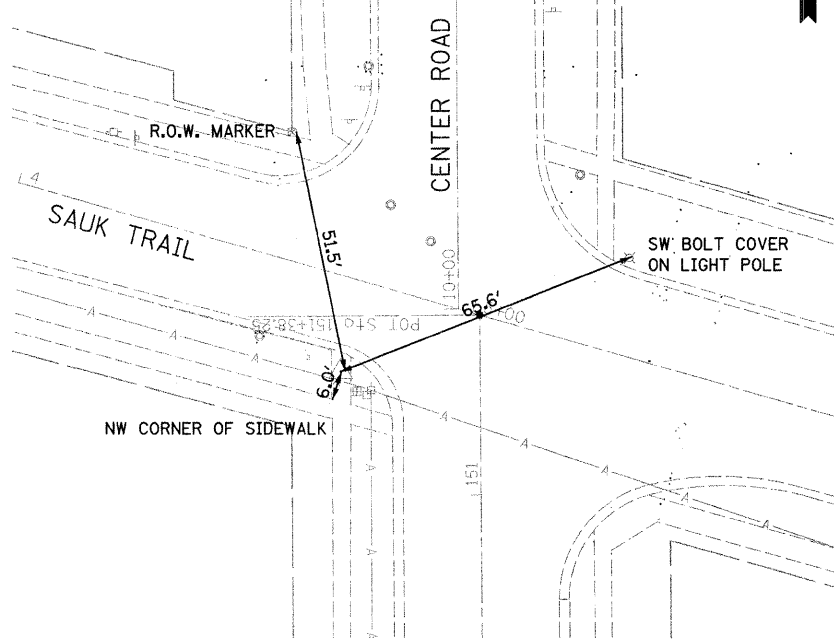
CP 20
REBAR W/CAP
NORTHING: 1,757,857.73
EASTING: 1,117,134.19
ELEV: 767.09



CP 25
CHISELED "X"
NORTHING: 1,758,258.31
EASTING: 1,117,136.62
ELEV: 770.07



CP 30
CHISELED "X"
NORTHING: 1,759,259.58
EASTING: 1,117,073.60
ELEV: 764.74



BENCHMARK LOCATIONS

- TBM "1"
WEST BONNET BOLT ON HYDRANT MARKED WITH AN "X"
NORTH OF TRACKS ON WEST SIDE OF CENTER ROAD
EL. 771.94
- TBM "2"
WEST BONNET BOLT ON HYDRANT MARKED WITH AN "X"
NORTH OF PFAFF DRIVE ON WEST SIDE OF CENTER ROAD
EL. 767.44
- TBM "3"
WEST BONNET BOLT ON HYDRANT SOUTH OF SAUK TRAIL
ON CENTER ROAD
EL. 766.24
- TBM "4"
ARROW BOLT ON HYDRANT AT NORTHWEST CORNER OF
SAUK TRAIL AND LINDEN DRIVE
EL. 762.78
- TBM "5"
ARROW BOLT ON HYDRANT AT NORTHWEST CORNER OF
EVERGREEN AND SAUK TRAIL
EL. 765.43
- TBM "6"
ARROW BOLT ON HYDRANT AT THE NORTHWEST CORNER
OF SYCAMORE LANE AND SAUK TRAIL
EL. 767.28

TBM = TEMPORARY BENCH MARK

HORIZONTAL DATUM: NAD 83 ILLINOIS STATE PLANE EAST ZONE
VERTICAL DATUM: NAVD 88 FROM ELLIPSOIDAL HEIGHTS

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PLOT SCALE =	DRAWN -	REVISED -
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONTROL POINT TIES	
SCALE: AS SHOWN	SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	18
CONTRACT NO. 63248				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

AGRICULTURAL

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 PLOTTED
 CHECKED
 DATE
 NO. OF WAY CHECKED
 NO. OF WAY CHECKED
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 DATE
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 PADD FILE NAME

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 CHECKED
 DATE
 NO. OF WAY CHECKED
 NO. OF WAY CHECKED
 PADD FILE NAME

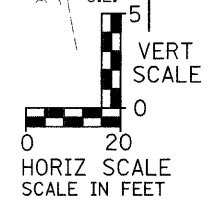
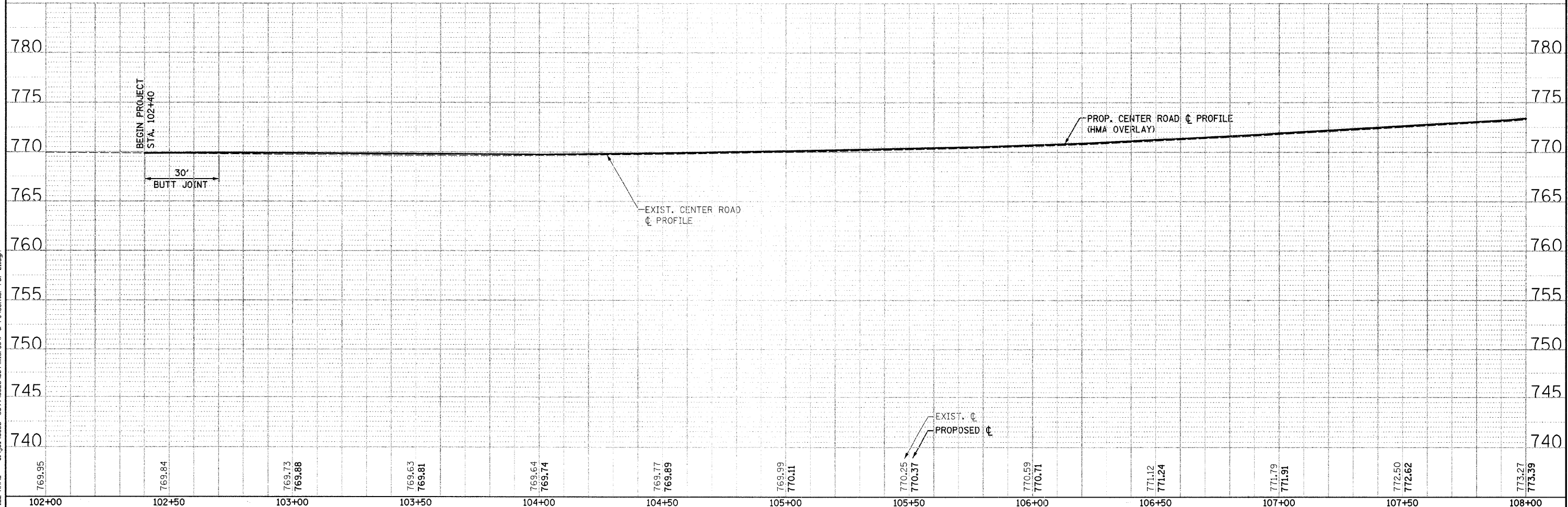
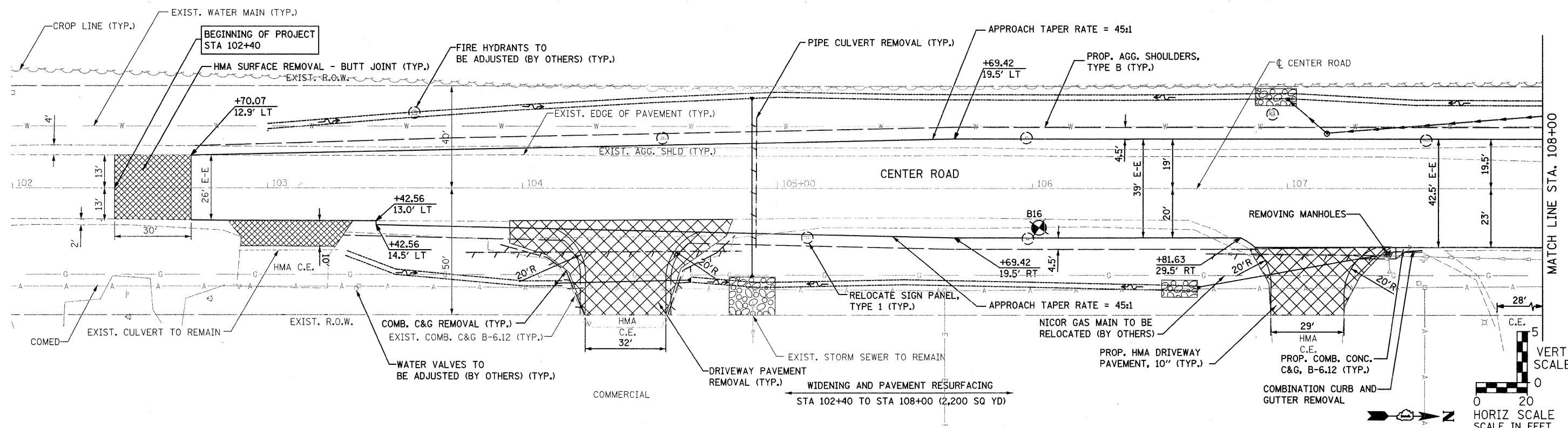
1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200
STRAND
 ENGINEERS

USER NAME = edamm	DESIGNED - ARM	REVISED -
PLOT SCALE = 20.0000' / IN.	CHECKED - RKK	REVISED -
PLOT DATE = 3/31/2012	DRAWN - KAS	REVISED -
	CHECKED - RKK	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

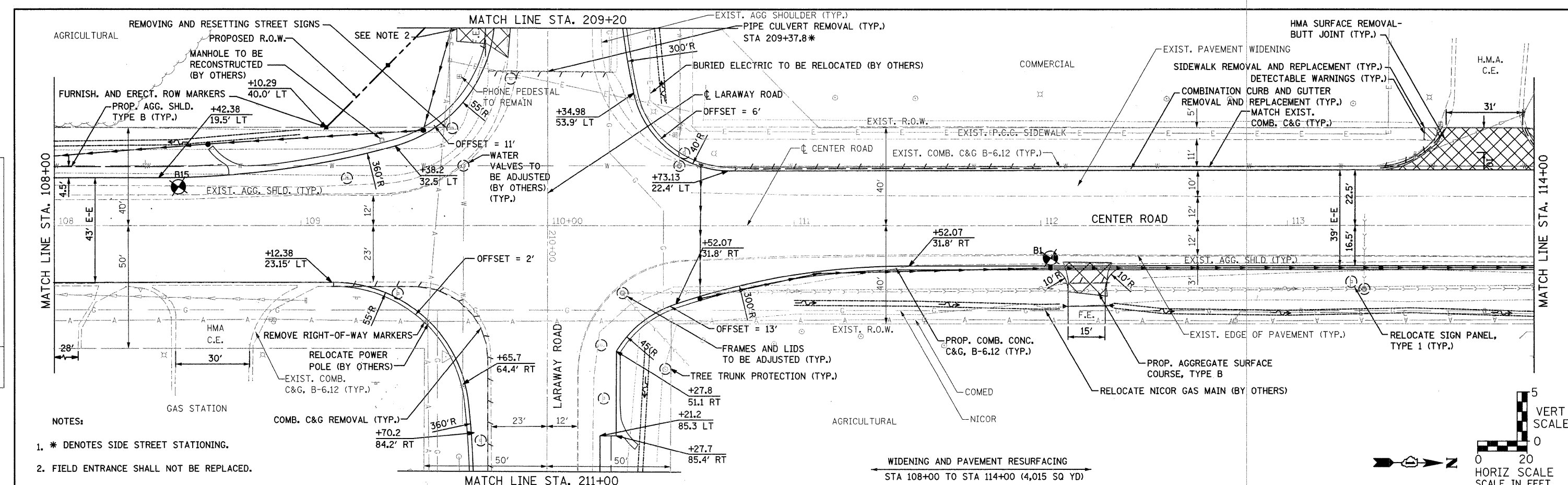
CENTER ROAD PLAN AND PROFILE

F.A.I.L. RTE. 3759	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 19
SCALE: AS SHOWN			CONTRACT NO. 63248	

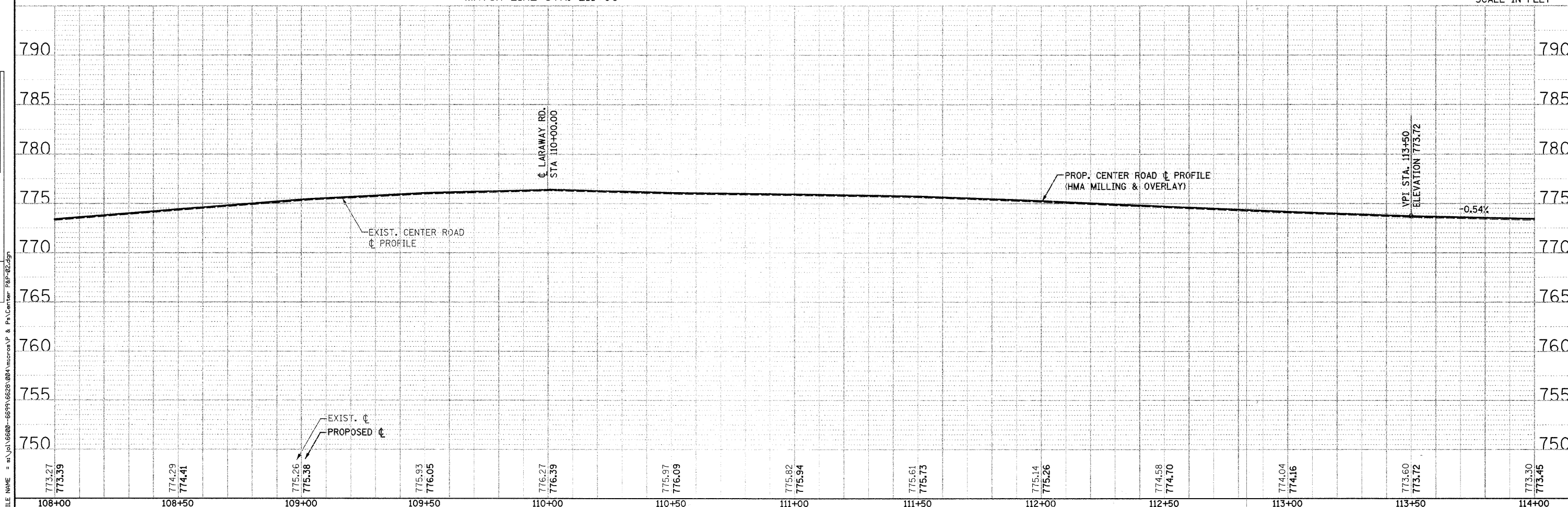
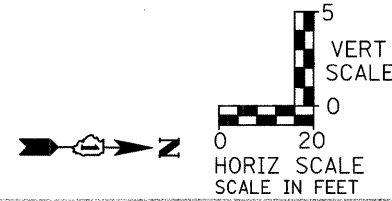


SURVEYED
 PLOTTED
 CHECKED
 NO. _____
 NOTE BOOK
 NO. _____
 FILE NAME

SURVEYED
 PLOTTED
 CHECKED
 NO. _____
 NOTE BOOK
 NO. _____
 FILE NAME



- NOTES:
- * DENOTES SIDE STREET STATIONING.
 - FIELD ENTRANCE SHALL NOT BE REPLACED.



773.27 773.39	774.29 774.41	775.26 775.38	775.93 776.05	776.27 776.39	775.97 776.09	775.82 775.94	775.61 775.73	775.14 775.26	774.58 774.70	774.04 774.16	773.60 773.72	773.30 773.45
108+00	108+50	109+00	109+50	110+00	110+50	111+00	111+50	112+00	112+50	113+00	113+50	114+00

STRAND
 ASSOCIATES, INC.
 ENGINEERS
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = edamm
 DESIGNED - ARM
 CHECKED - RKK
 DRAWN - KAS
 CHECKED - RKK
 PLOT SCALE = 20.0000" / 1" IN.
 PLOT DATE = 9/31/2018

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

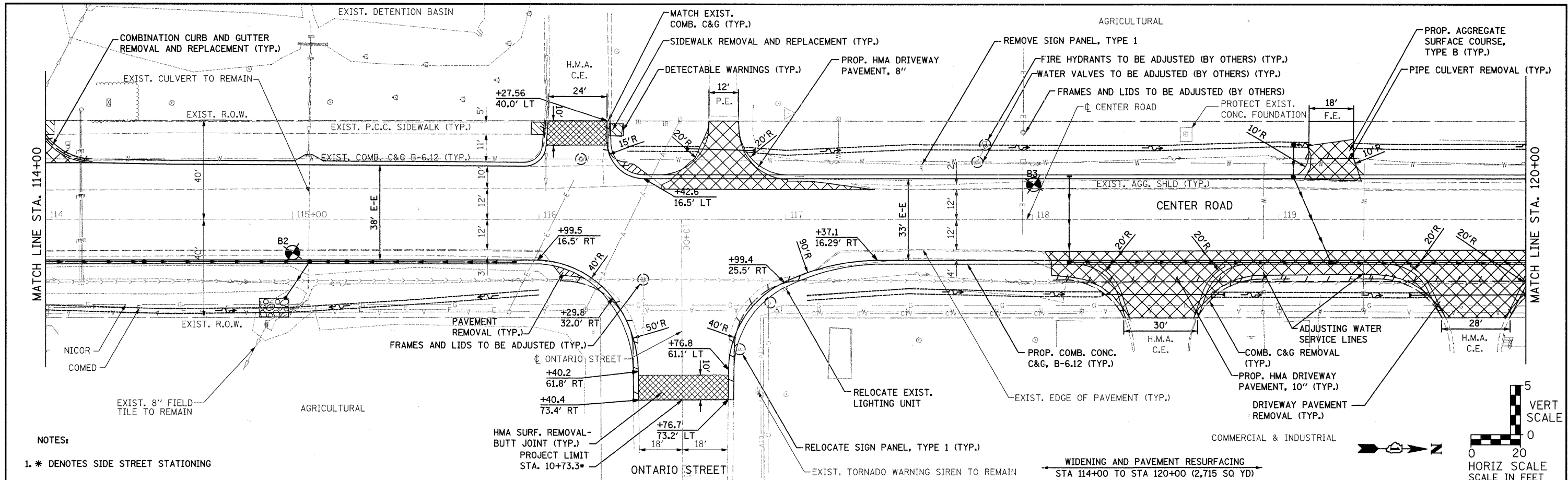
CENTER ROAD PLAN AND PROFILE
 SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 108+00 TO STA. 114+00

F.A.U. RTE. 3759	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 20
CONTRACT NO. 63248				

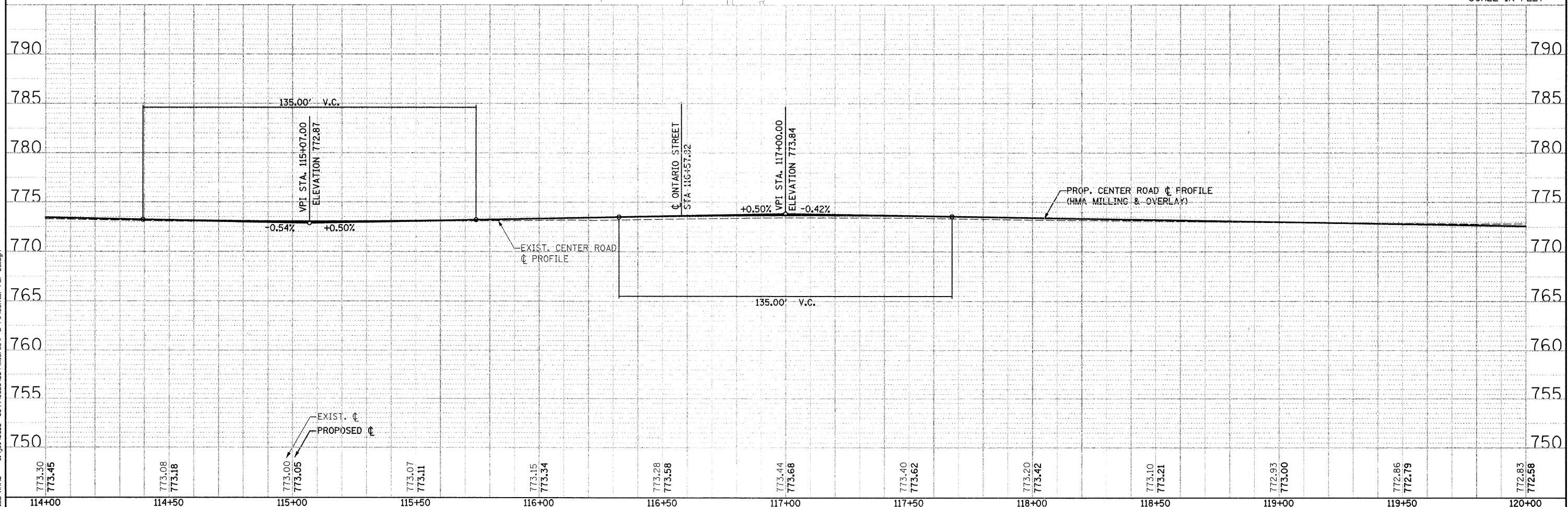
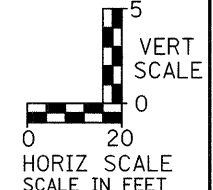
FED. ROAD DIST. NO. (ILLINOIS) FED. AID PROJECT

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 PLOTTED
 CHECKED
 NO. OF W.A. CHECKED
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 SURVEYED
 PLOTTED
 CHECKED
 NO. OF W.A. CHECKED
 STRUCTURE NOTATIONS CHD



NOTES:
 1. * DENOTES SIDE STREET STATIONING



773.30 773.45	773.08 773.18	773.00 773.05	773.07 773.11	773.15 773.34	773.28 773.58	773.44 773.68	773.40 773.62	773.20 773.42	773.10 773.21	772.93 773.00	772.86 772.79	772.83 772.58
114+00	114+50	115+00	115+50	116+00	116+50	117+00	117+50	118+00	118+50	119+00	119+50	120+00

1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200
STRAND ASSOCIATES, INC.

USER NAME = edamm
 DESIGNED - ARM
 CHECKED - RKK
 DRAWN - KAS
 PLOT SCALE = 20.0000" / 1"
 PLOT DATE = 9/21/2012

DESIGNED - ARM
 CHECKED - RKK
 DRAWN - KAS
 PLOT DATE = 9/21/2012

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

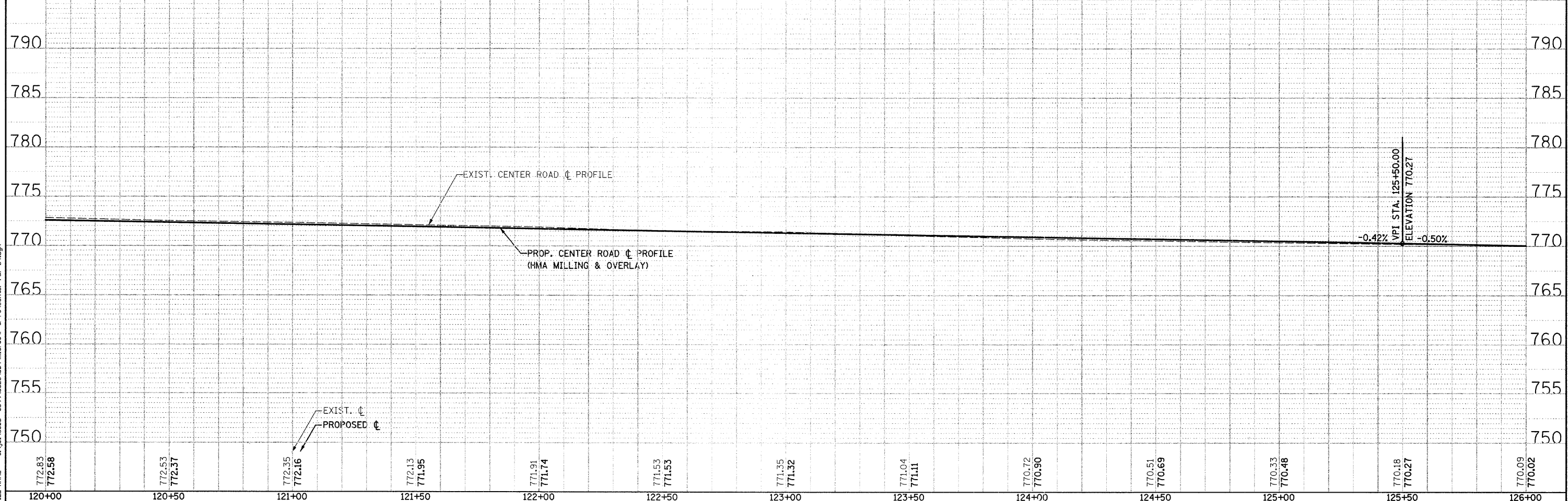
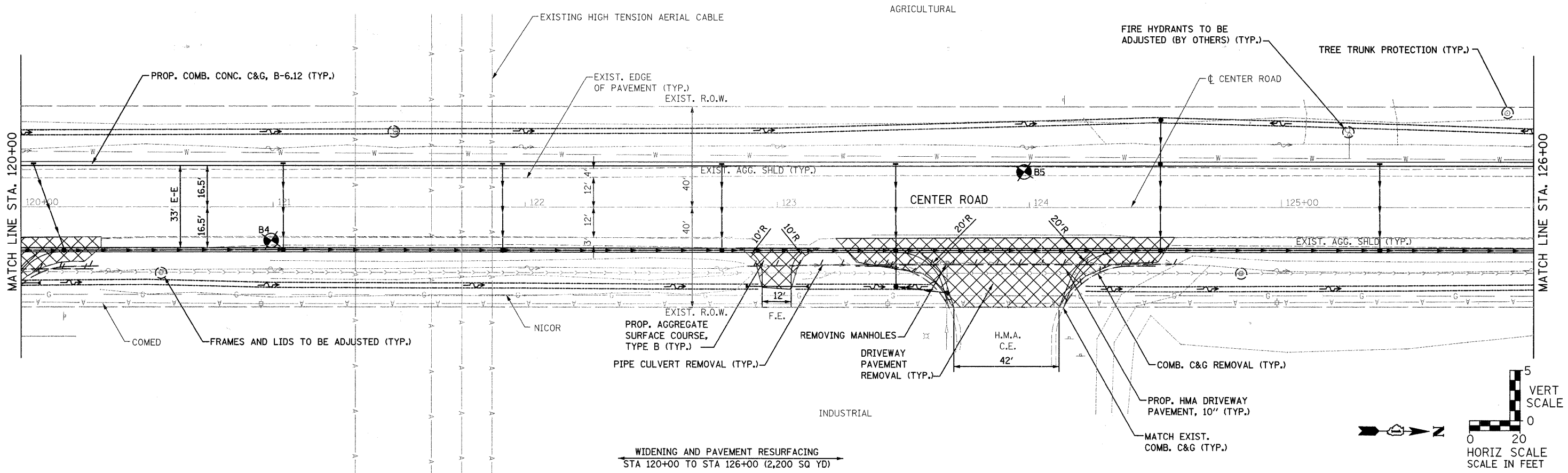
CENTER ROAD PLAN AND PROFILE

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 102+00 TO STA. 108+00

F.A.U. RTE. 3759	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 21
CONTRACT NO. 63248				

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 PLOTTED
 CHECKED
 NO. OF WAY CHECKED
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 SURVEYED
 PLOTTED
 CHECKED
 NO. OF WAY CHECKED
 STRUCTURE NOTATIONS CHRD



STRAND ASSOCIATES, INC.
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = edamm	DESIGNED -	REVISED -
PLOT SCALE = 20.00000' / IN.	CHECKED -	REVISED -
PLOT DATE = 3/31/2012	DRAWN -	REVISED -
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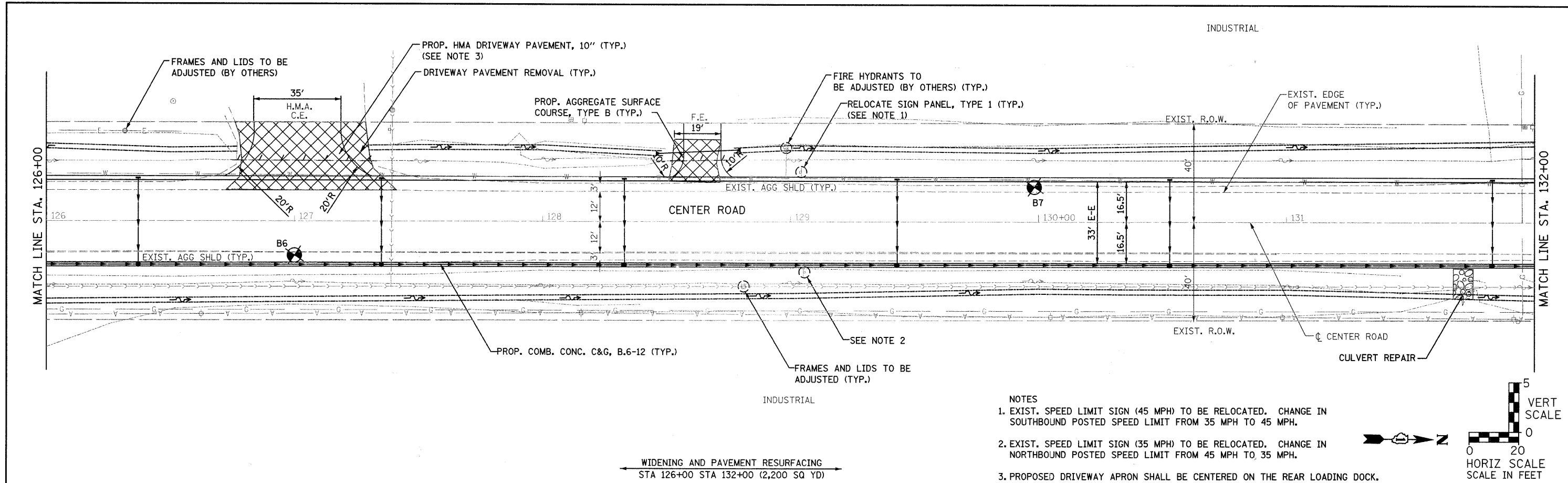
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CENTER ROAD PLAN AND PROFILE
 SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 120+00 TO STA. 126+00

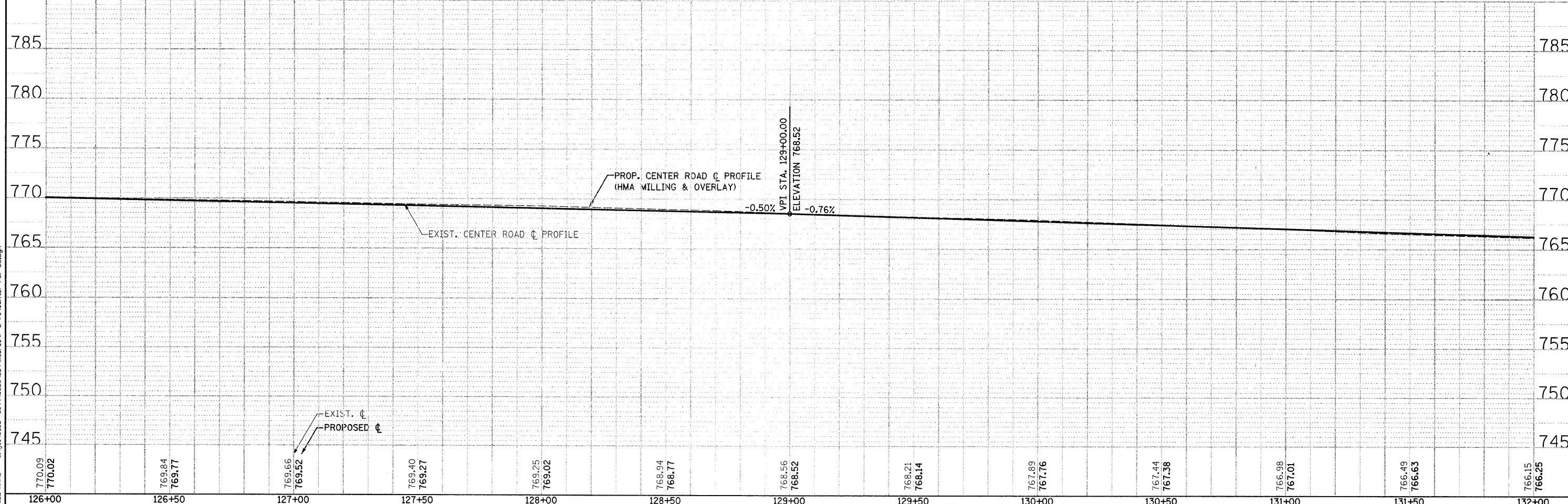
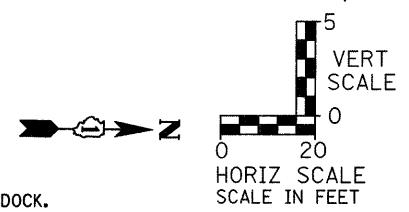
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00038-00-WR	WILL	165	22
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 63248		

SURVEYED
 PLOTTED
 REVISIONS
 NO. OF MAY CHECKED
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 PLOT DATE = 3/31/2012
 USER NAME = edamm
 DESIGNED - ARM
 CHECKED - RKK
 DRAWN - KAS
 CHECKED - RKK



- NOTES**
- EXIST. SPEED LIMIT SIGN (45 MPH) TO BE RELOCATED. CHANGE IN SOUTHBOUND POSTED SPEED LIMIT FROM 35 MPH TO 45 MPH.
 - EXIST. SPEED LIMIT SIGN (35 MPH) TO BE RELOCATED. CHANGE IN NORTHBOUND POSTED SPEED LIMIT FROM 45 MPH TO 35 MPH.
 - PROPOSED DRIVEWAY APRON SHALL BE CENTERED ON THE REAR LOADING DOCK.



770.09 770.02	769.84 769.77	769.66 769.52	769.40 769.27	769.25 769.02	768.94 768.77	768.56 768.52	768.21 768.14	767.89 767.76	767.44 767.38	766.98 767.01	766.49 766.63	766.15 766.25
126+00	126+50	127+00	127+50	128+00	128+50	129+00	129+50	130+00	130+50	131+00	131+50	132+00

STRAND
 ASSOCIATES, INC.
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

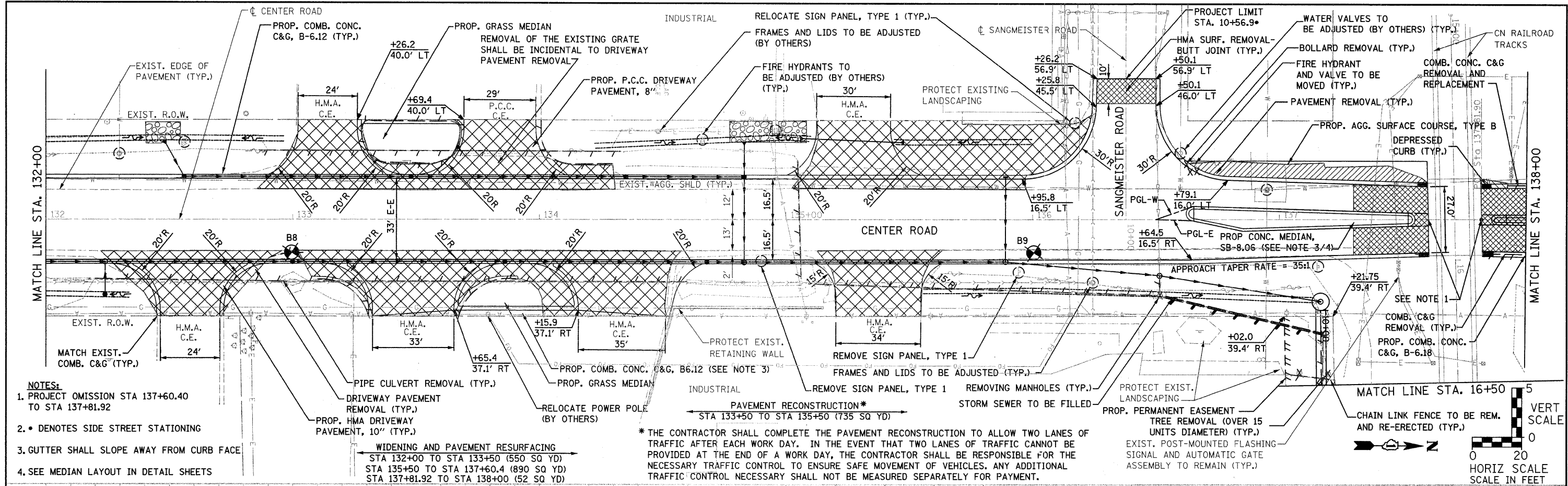
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CENTER ROAD PLAN AND PROFILE

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 126+00 TO STA. 132+00
 F.A.U. RTE. 3759 SECTION 04-00038-00-WR COUNTY WILL TOTAL SHEETS 165 SHEET NO. 23 CONTRACT NO. 63248
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

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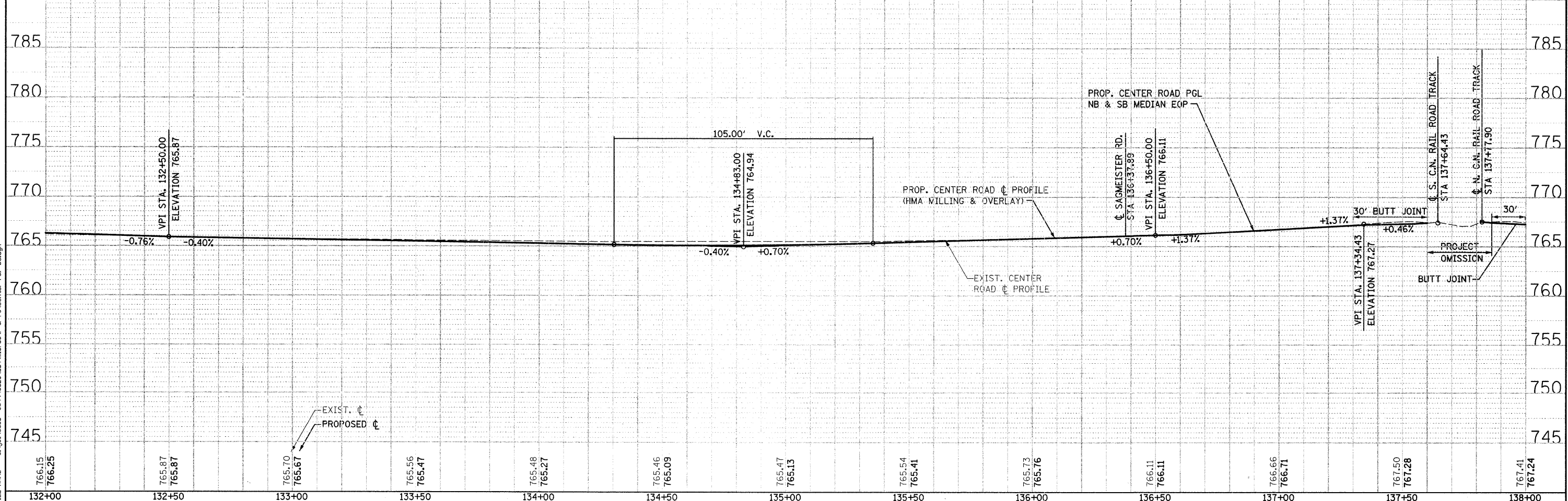
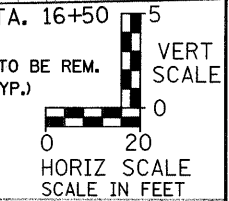
SURVEYED
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- NOTES:**
- PROJECT OMISSION STA 137+60.40 TO STA 137+81.92
 - DENOTES SIDE STREET STATIONING
 - GUTTER SHALL SLOPE AWAY FROM CURB FACE
 - SEE MEDIAN LAYOUT IN DETAIL SHEETS

PAVEMENT RECONSTRUCTION*
 STA 133+50 TO STA 135+50 (735 SQ YD)

* THE CONTRACTOR SHALL COMPLETE THE PAVEMENT RECONSTRUCTION TO ALLOW TWO LANES OF TRAFFIC AFTER EACH WORK DAY. IN THE EVENT THAT TWO LANES OF TRAFFIC CANNOT BE PROVIDED AT THE END OF A WORK DAY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE NECESSARY TRAFFIC CONTROL TO ENSURE SAFE MOVEMENT OF VEHICLES. ANY ADDITIONAL TRAFFIC CONTROL NECESSARY SHALL NOT BE MEASURED SEPARATELY FOR PAYMENT.



1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200
STRAND ASSOCIATES, INC.
 ENGINEERS

USER NAME = edamn	DESIGNED - ARM	REVISED -
PLOT SCALE = 20.0000' / IN.	CHECKED - RKK	REVISED -
PLOT DATE = 3/31/22	DRAWN - KAS	REVISED -
	CHECKED - RKK	REVISED -

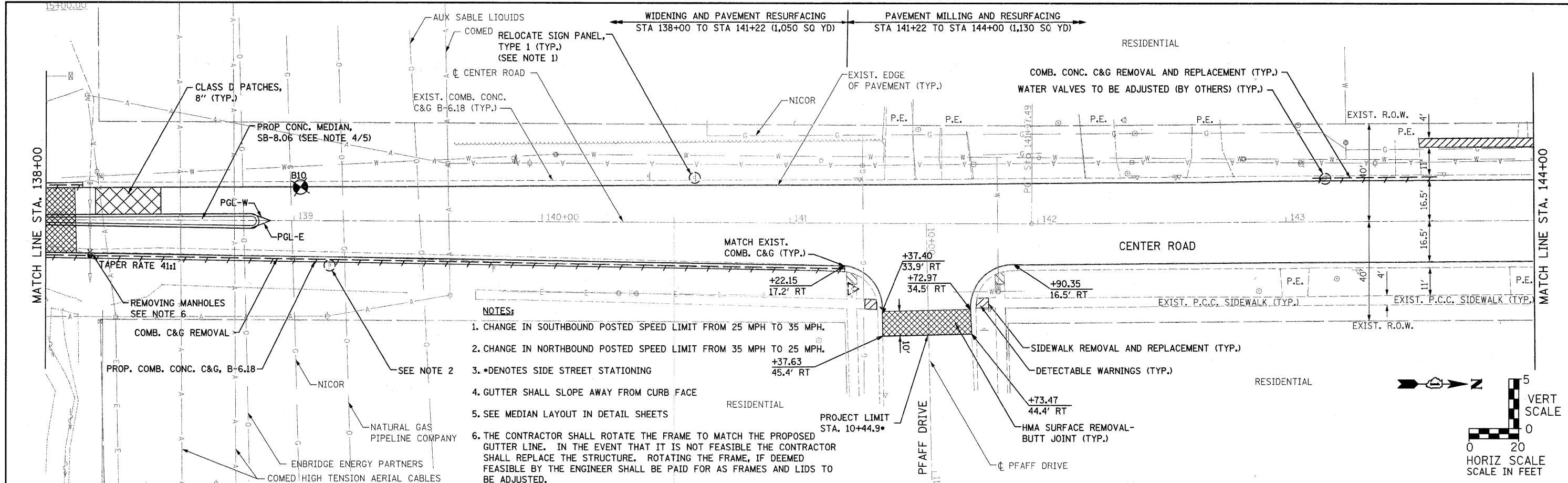
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CENTER ROAD PLAN AND PROFILE
 SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 132+00 TO STA. 138+00

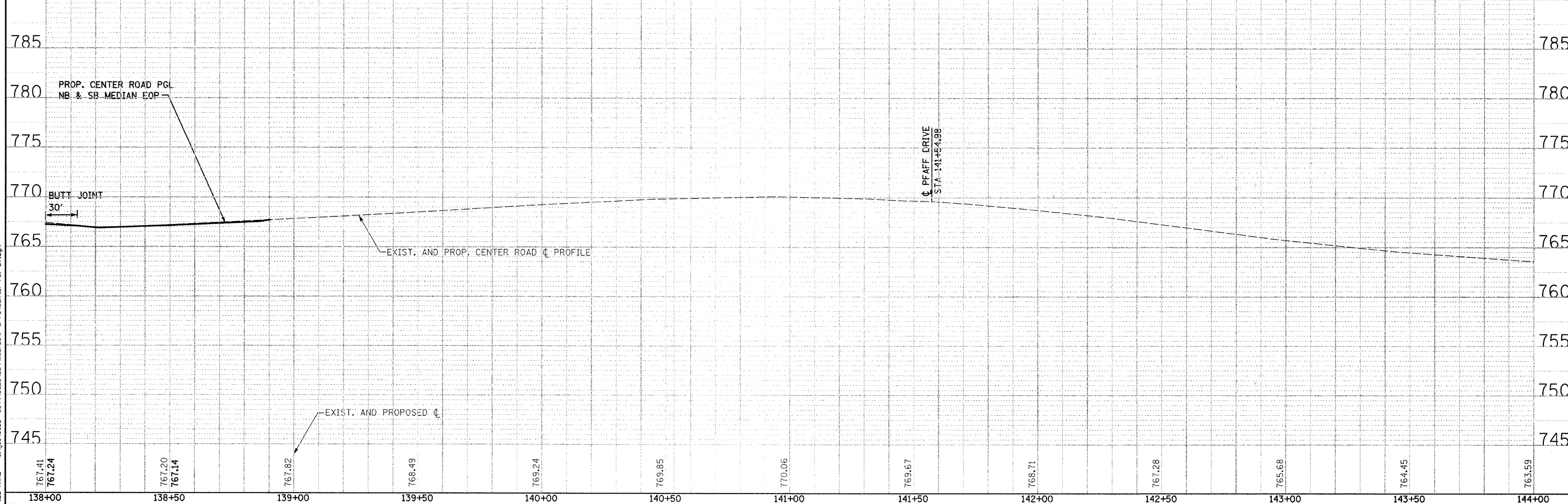
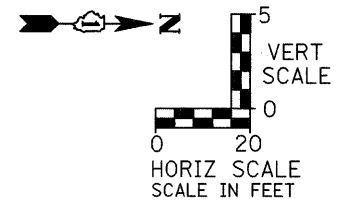
F.A.U. RTE. 3759	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 24
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63248	

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- NOTES:**
- CHANGE IN SOUTHBOUND POSTED SPEED LIMIT FROM 25 MPH TO 35 MPH.
 - CHANGE IN NORTHBOUND POSTED SPEED LIMIT FROM 35 MPH TO 25 MPH.
 - *DENOTES SIDE STREET STATIONING
 - GUTTER SHALL SLOPE AWAY FROM CURB FACE
 - SEE MEDIAN LAYOUT IN DETAIL SHEETS
 - THE CONTRACTOR SHALL ROTATE THE FRAME TO MATCH THE PROPOSED GUTTER LINE. IN THE EVENT THAT IT IS NOT FEASIBLE THE CONTRACTOR SHALL REPLACE THE STRUCTURE. ROTATING THE FRAME, IF DEEMED FEASIBLE BY THE ENGINEER SHALL BE PAID FOR AS FRAMES AND LIDS TO BE ADJUSTED.



STRAND
 ASSOCIATES, INC.
 ENGINEERS

1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = edamm
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PLOT SCALE = 20.0000' / IN.
 PLOT DATE = 3/31/2012

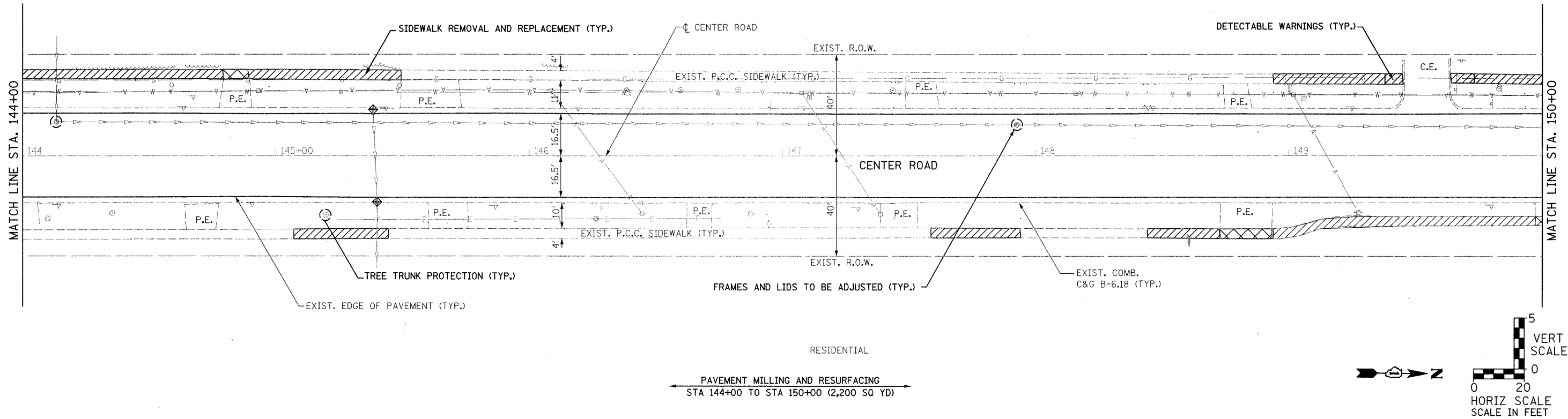
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CENTER ROAD PLAN AND PROFILE
 SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 138+00 TO STA. 144+00

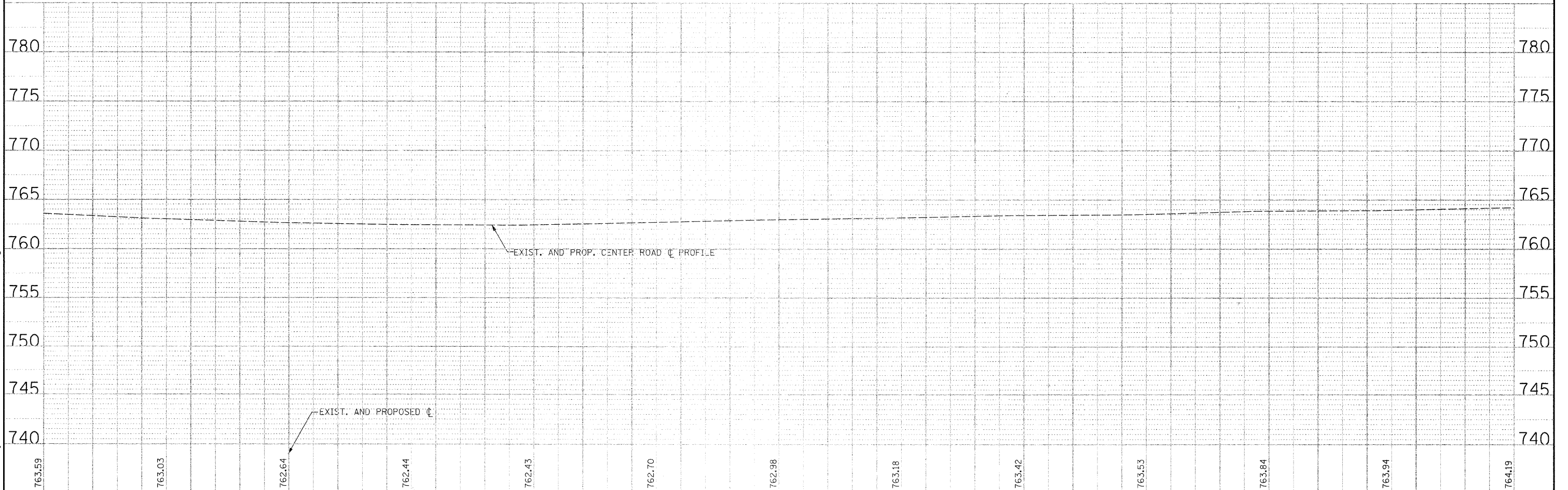
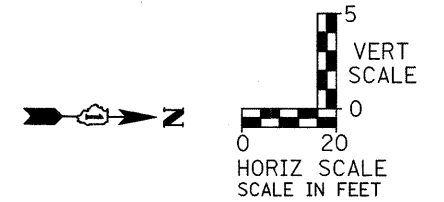
F.A.U. RTE. 3759	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 25
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63248	

RESIDENTIAL

SAINT PETER'S UNITED
CHURCH OF CHRIST



PAVEMENT MILLING AND RESURFACING
STA 144+00 TO STA 150+00 (2,200 SQ YD)



144+00	144+50	145+00	145+50	146+00	146+50	147+00	147+50	148+00	148+50	149+00	149+50	150+00
763.59	763.03	762.64	762.44	762.43	762.70	762.98	763.18	763.42	763.53	763.84	763.94	764.19

1170 SOUTH HOBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = adamm	DESIGNED - ARM	REVISED -
CHECKED - RKK	DRAWN - KAS	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED - RKK	REVISED -
PLOT DATE = 3/31/2012		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CENTER ROAD PLAN AND PROFILE

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 144+00 TO STA. 150+00

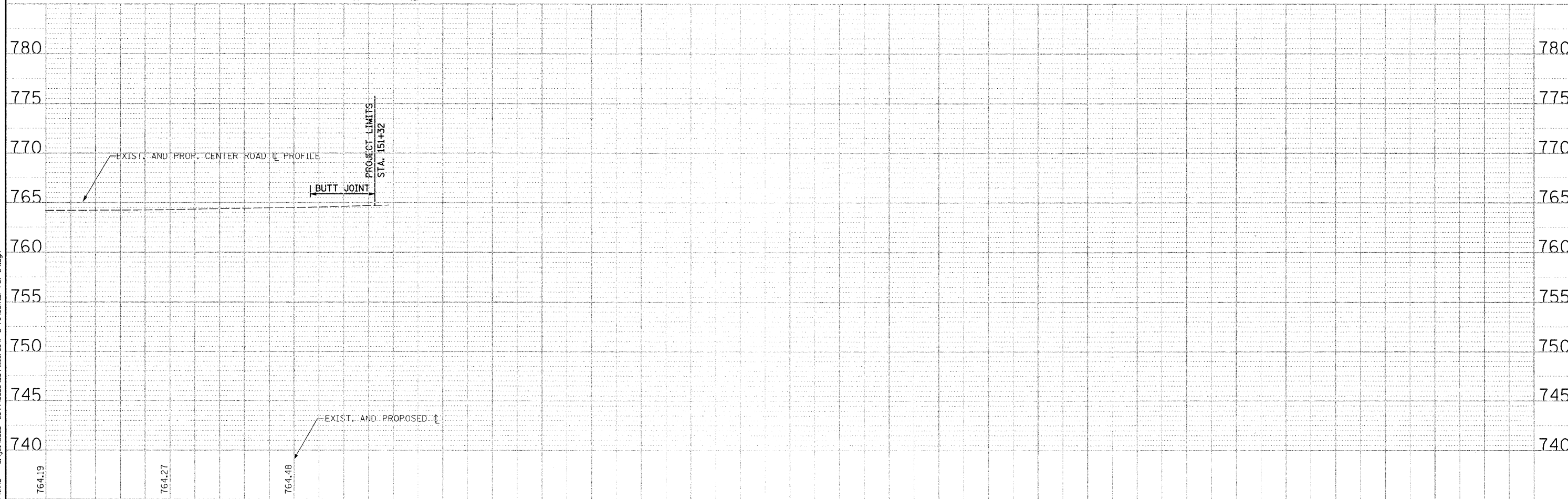
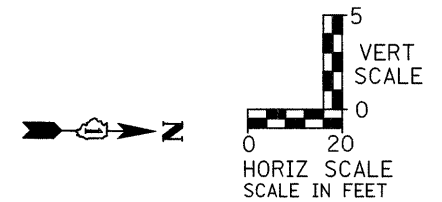
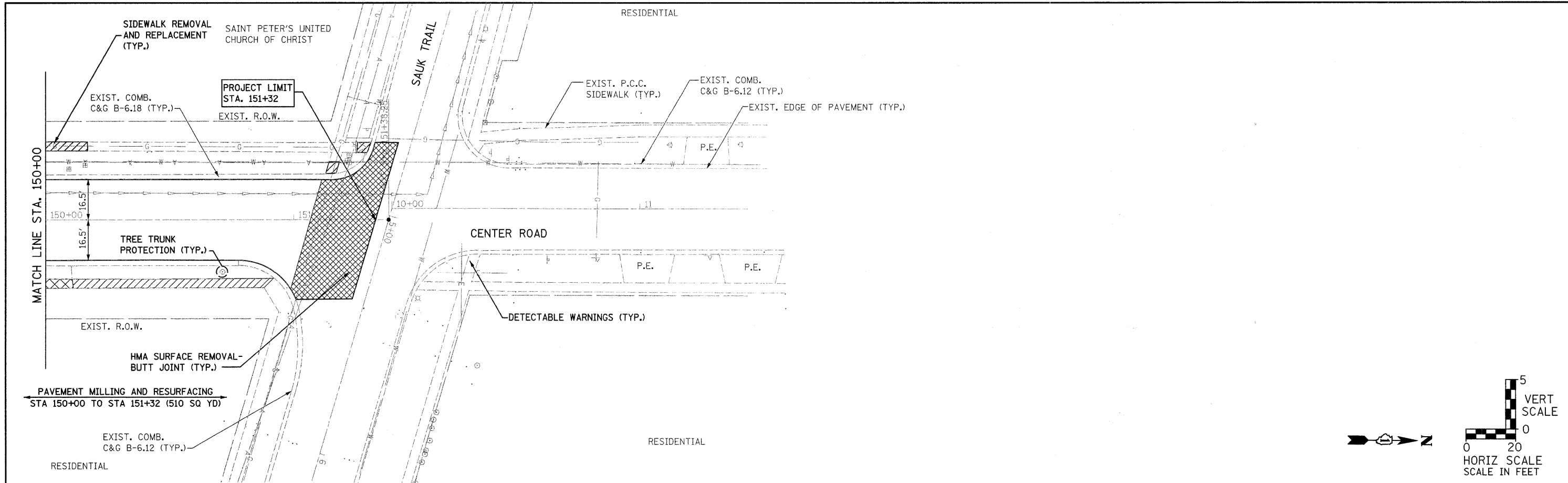
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	26
CONTRACT NO. 63248			ILLINOIS FED. AID PROJECT	

DATE PLOTTED: 3/31/2012
PLOT SCALE: 20.0000' / 1"
PLOT DATE: 3/31/2012

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 1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = edamm	DESIGNED - ARM CHECKED - RKK DRAWN - KAS CHECKED - RKK	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CENTER ROAD PLAN AND PROFILE	F.A.U. RTE. 3759	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 27
	PLOT SCALE = 20.0000' / IN. PLOT DATE = 3/31/22	SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 150+00 TO STA. END	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63248				

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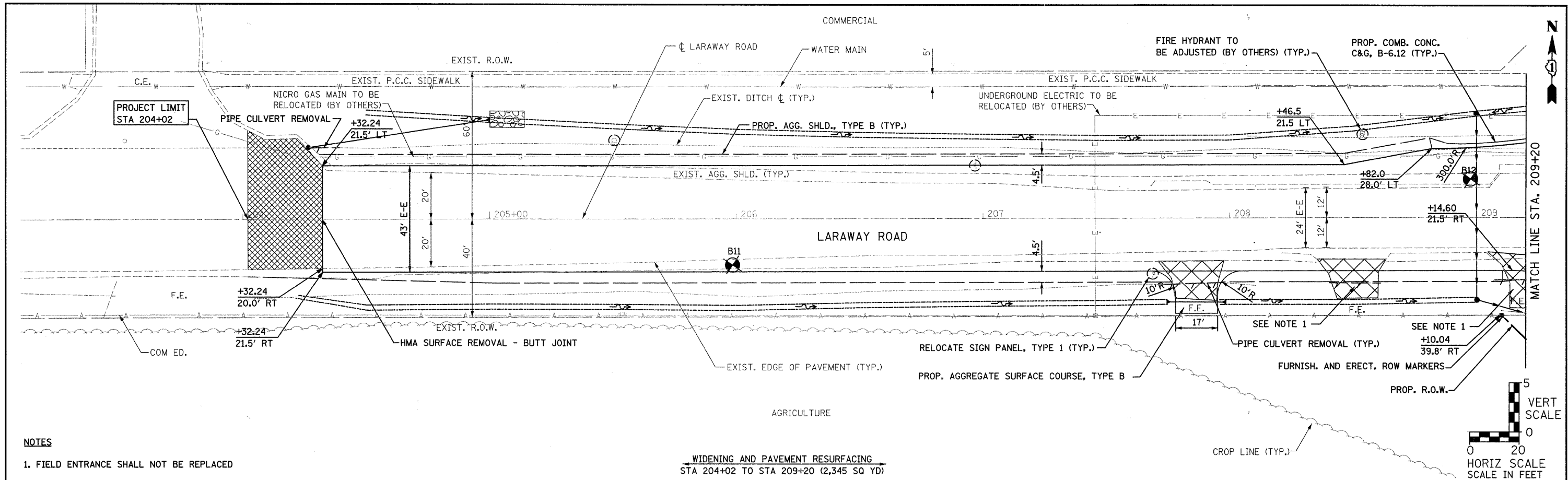
STRAND
 ASSOCIATES, INC.
 ENGINEERS
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = edemm	DESIGNED -	REVISÉD -
PLOT SCALE = 20,0000' / IN.	CHECKED -	REVISÉD -
PLOT DATE = 3/31/22	DRAWN -	REVISÉD -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

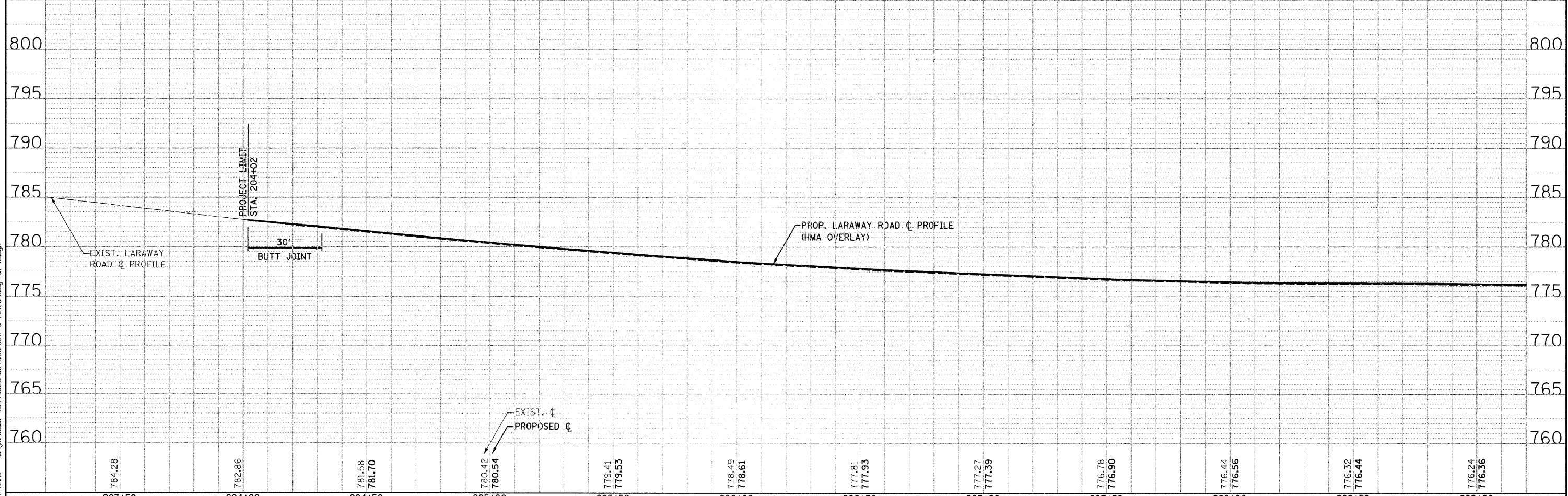
LARAWAY ROAD PLAN AND PROFILE
 SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 3759	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 28
CONTRACT NO. 63248				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



NOTES
 1. FIELD ENTRANCE SHALL NOT BE REPLACED

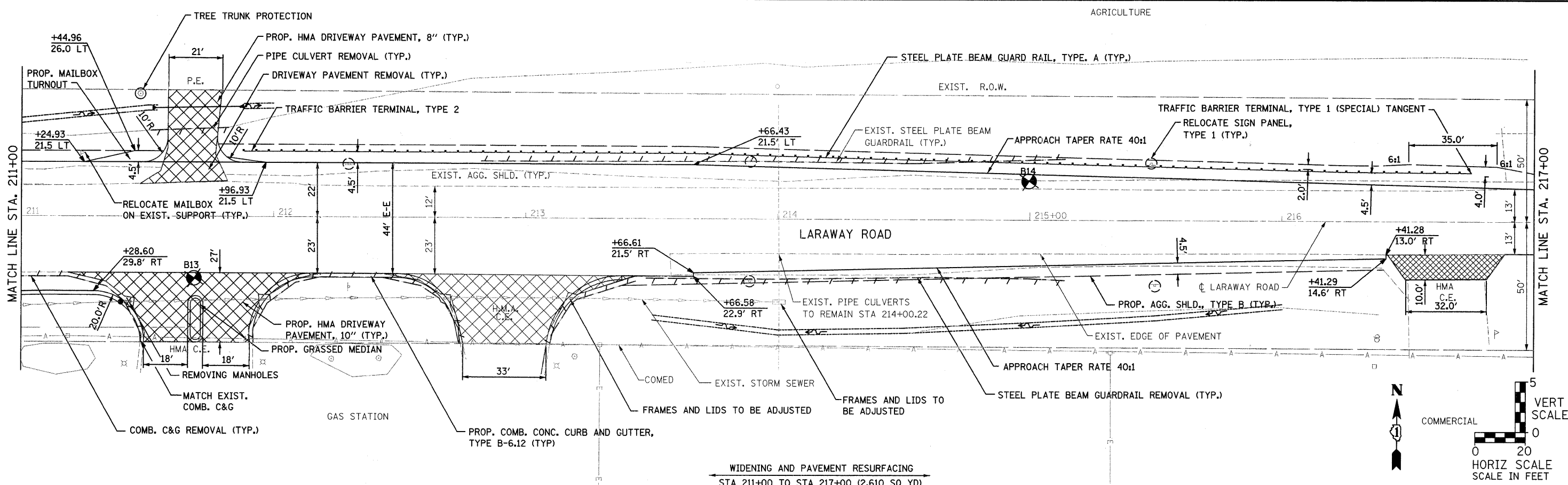
WIDENING AND PAVEMENT RESURFACING
 STA 204+02 TO STA 209+20 (2,345 SQ YD)



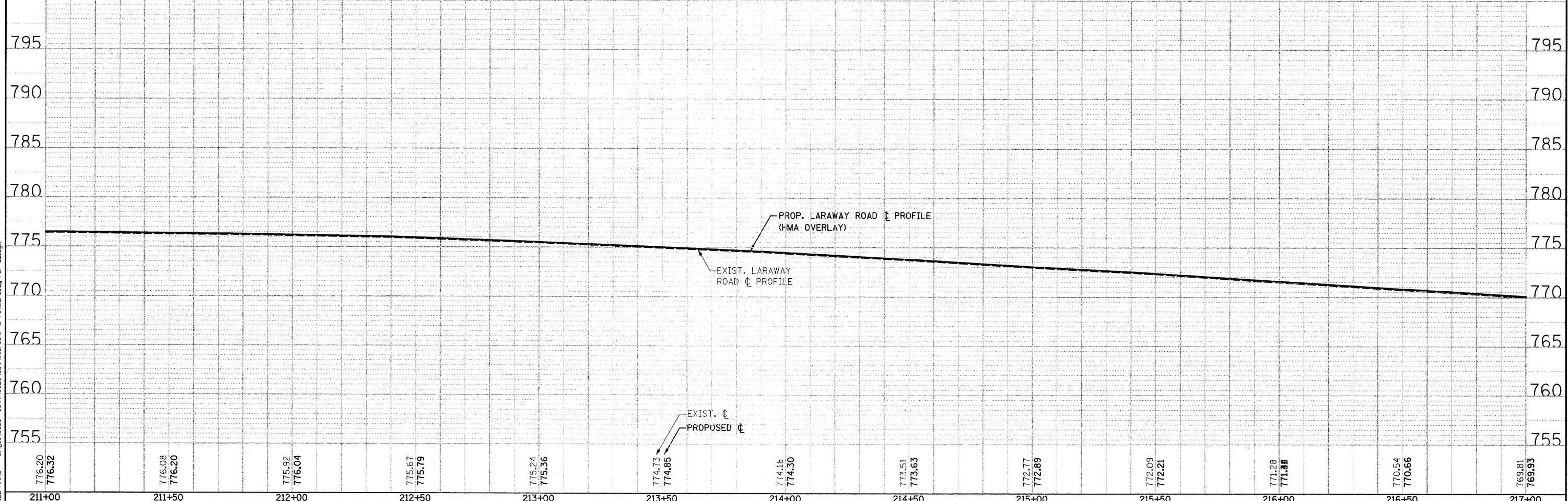
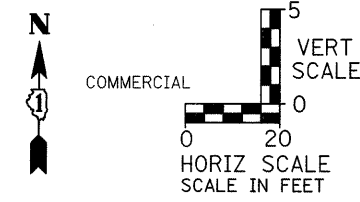
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WIDENING AND PAVEMENT RESURFACING
 STA 211+00 TO STA 217+00 (2,610 SQ YD)



776.20 776.32	776.08 776.20	775.92 776.04	775.67 775.79	775.24 775.36	774.73 774.85	774.18 774.30	773.51 773.63	772.77 772.89	772.09 772.21	771.28 771.38	770.54 770.66	769.81 769.93
211+00	211+50	212+00	212+50	213+00	213+50	214+00	214+50	215+00	215+50	216+00	216+50	217+00

STRAND ASSOCIATES, INC.
 ENGINEERS
 1170 SOUTH HOBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = edamm
 DESIGNED -
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 PLOT SCALE = 20.0000" / IN.
 PLOT DATE = 3/31/22

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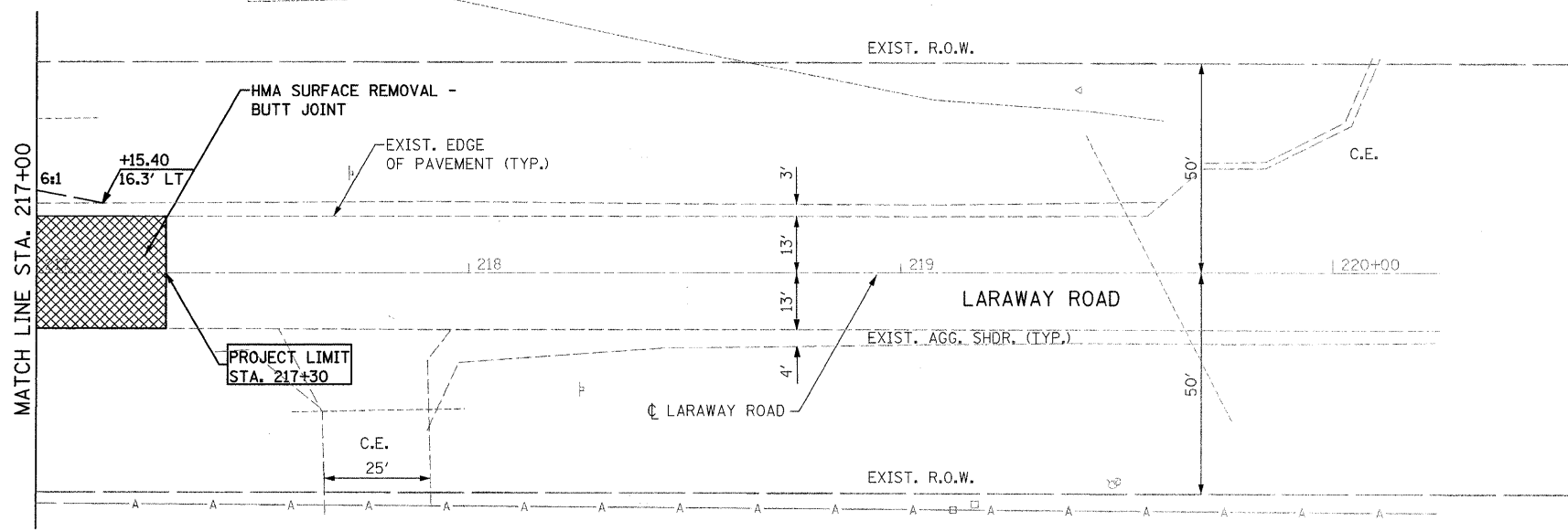
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LARAWAY ROAD PLAN AND PROFILE
 SCALE: AS SHOWN | SHEET NO. OF SHEETS | STA. TO STA.

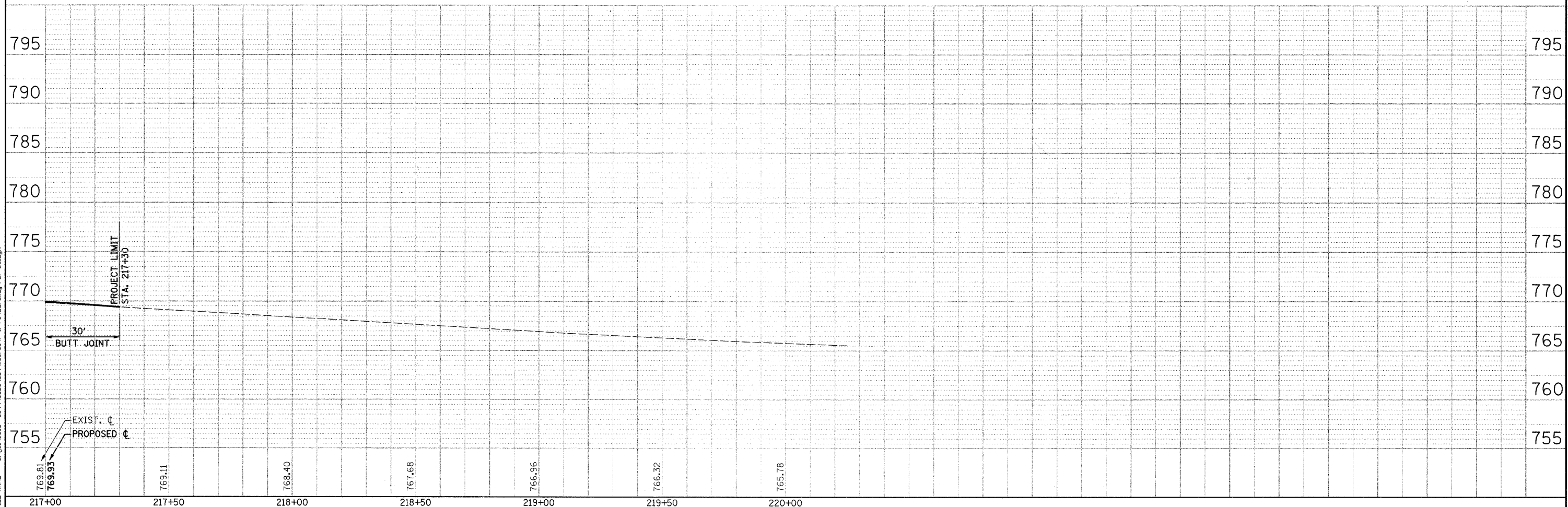
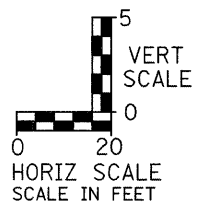
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 FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT

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WIDENING AND PAVEMENT RESURFACING
 STA. 217+00 TO STA. 217+30 (85 SQ YD)



STRAND ASSOCIATES, INC.
 ENGINEERS
 1170 SOUTH HOOBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

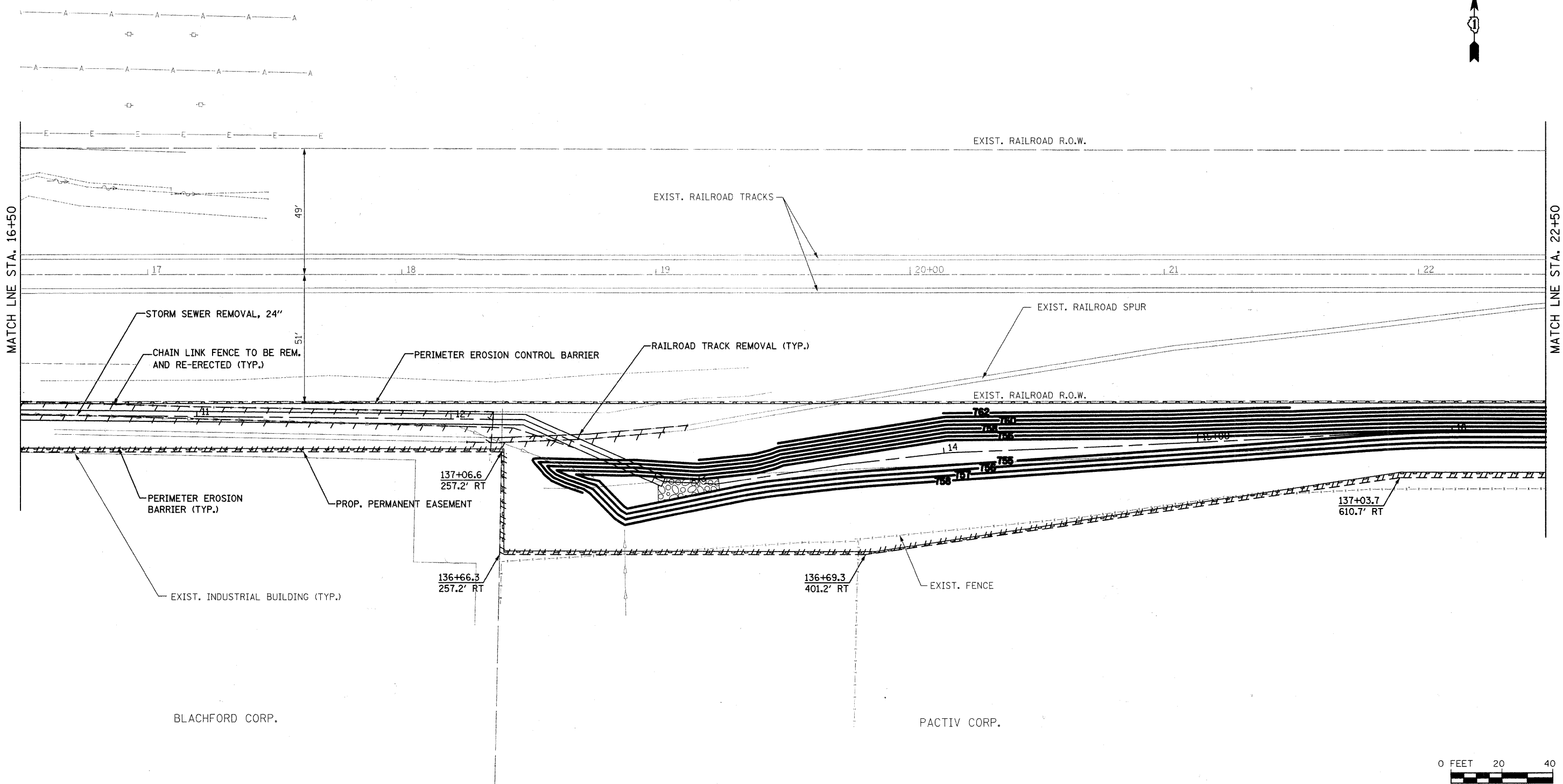
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PLOT SCALE = 20.0000" / IN.	CHECKED - RKK	REVISED -
PLOT DATE = 3/31/22	DRAWN - KAS	REVISED -
	CHECKED - RKK	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LARAWAY ROAD PLAN AND PROFILE

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 150+00 TO STA. END

F.A.U. RTE. 3759	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 30
CONTRACT NO. 6694			ILLINOIS FED. AID PROJECT	

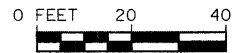


MATCH LINE STA. 16+50

MATCH LINE STA. 22+50

BLACHFORD CORP.

PACTIV CORP.



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USER NAME = edamm	DESIGNED -	REVISED -
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DATE -	REVISED -	
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PLOT DATE = 3/31/2018		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

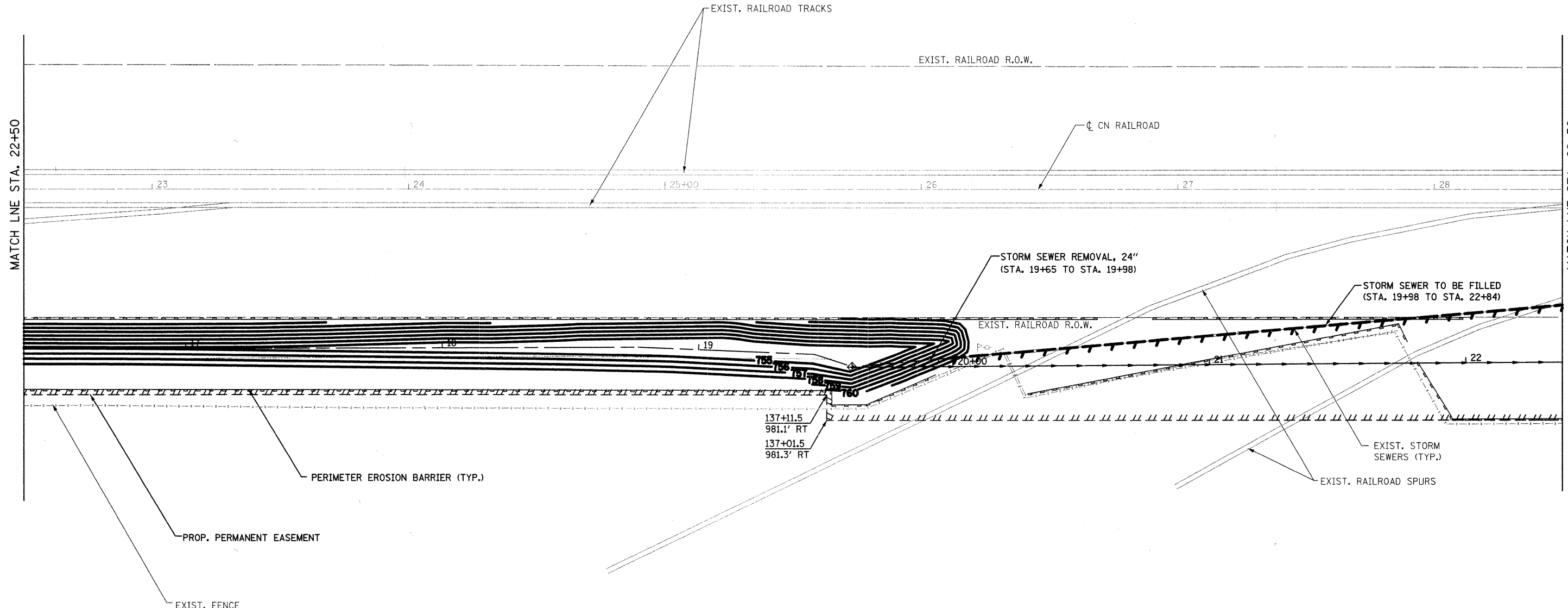
PROPOSED RAILROAD PLAN

SCALE: AS SHOWN | SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 3759	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 31
CONTRACT NO. 63248				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 22+50

MATCH LINE STA. 28+50



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STRAND
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

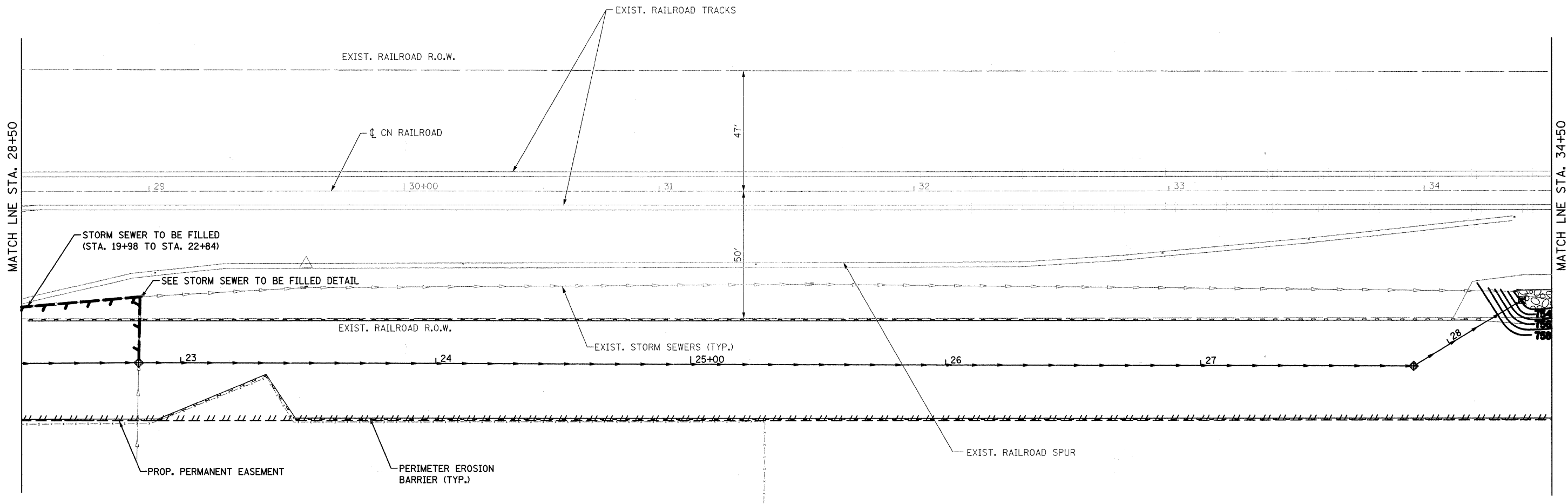
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

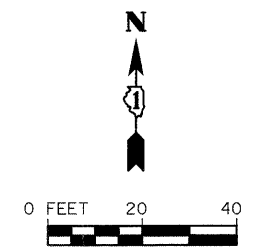
PROPOSED RAILROAD PLAN				
SCALE: AS SHOWN	SHEET NO.	OF	SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	32
CONTRACT NO. 63248				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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PACTIV CORP.



STRAND
ENGINEERS
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

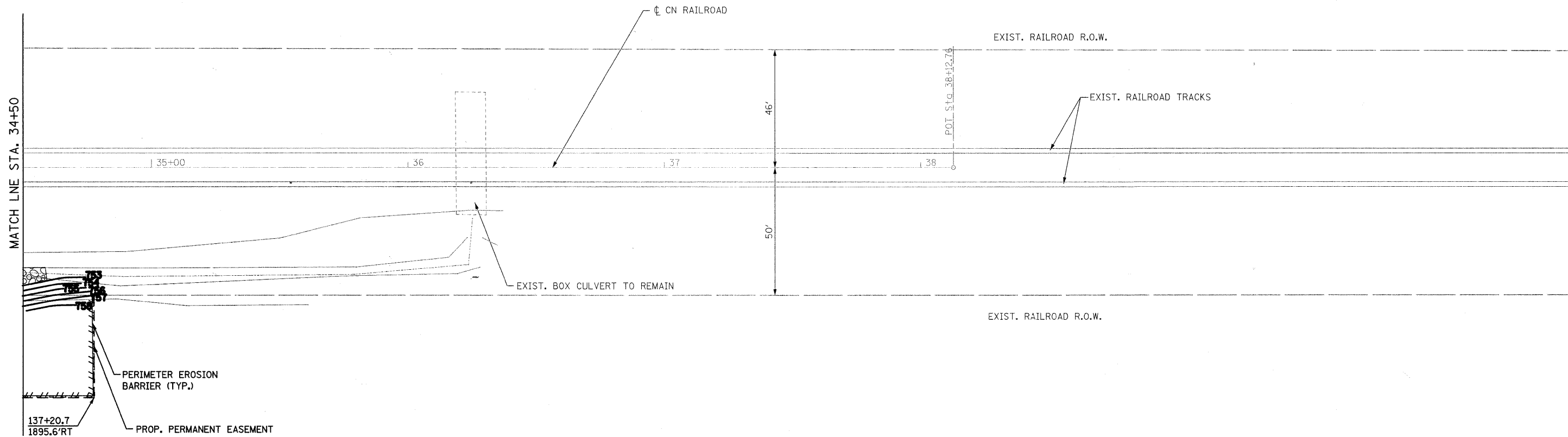
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PLOT DATE = 3/31/2018	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED RAILROAD PLAN

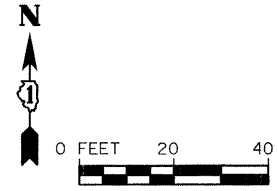
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	33
CONTRACT NO. 63248				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



MATCH LINE STA. 34+50

PACTIV CORP.



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STRAND ASSOCIATES, INC.
ENGINEERS

1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = adam	DESIGNED -	REVISED -
	PLOT SCALE = 20.0000' / IN.	DRAWN -	REVISED -
	PLOT DATE = 3/31/2012	CHECKED -	REVISED -
		DATE -	REVISED -

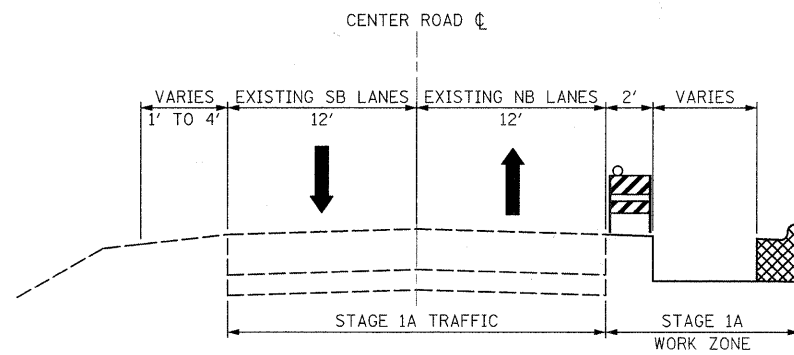
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED RAILROAD PLAN

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	34
CONTRACT NO. 63248				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

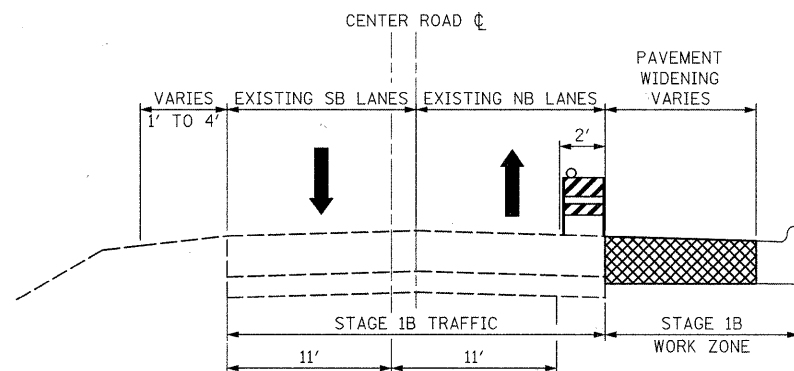
STAGE 1A



DURING STAGE 1A, BOTH NORTHBOUND (NB) AND SOUTHBOUND (SB) LANES SHALL REMAIN OPEN TO TRAFFIC. THE CONTRACTOR WILL BE ABLE TO INSTALL CURB AND GUTTER, WHERE APPLICABLE, SIDEWALK, DRAINAGE STRUCTURES AND SEWER LATERALS.

HIGHWAY STANDARDS: 701001-02, 701006-03, 701011-02, 701301-03, 701336-05, 701901-01

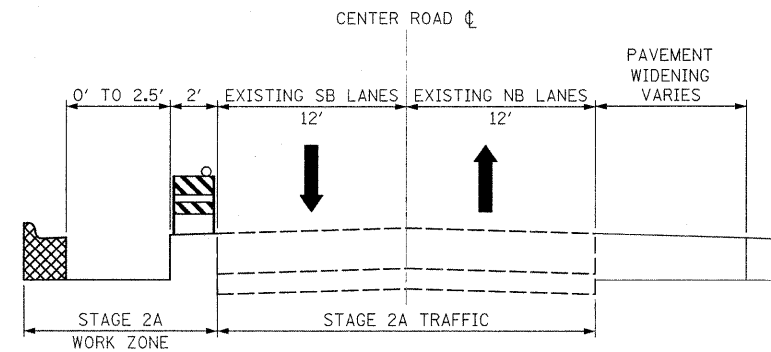
STAGE 1B



DURING STAGE 1B, THE NORTHBOUND AND SOUTHBOUND TRAFFIC LANE WIDTH SHALL BE REDUCED TO 11 FEET WHERE NECESSARY. THE CONTRACTOR WILL BE ABLE TO EXCAVATE AND PLACE SUBBASE, BASE, AND BINDER COURSES FOR THE PAVEMENT WIDENING AND GRADE THE PARKWAYS AS REQUIRED. THE CONTRACTOR SHALL CLOSE THE NB TRAVEL LANES, AS APPROVED BY THE ENGINEER, TO GRIND THE EXISTING PAVEMENT AND PATCH TO THE REQUIRED DEPTH AS NECESSARY. THE REQUIRED GRINDING DEPTH WILL BE ACHIEVED BY HMA SURFACE REMOVAL - VARIABLE DEPTH. DURING DAY TIME OPERATIONS FLAGGERS SHALL BE USED TO CONTROL TRAFFIC IN LOCATIONS WHERE THE TRAFFIC WIDTH IS LESS THAN 20 FEET AT ANY TIME. THE CONTRACTOR SHALL ENSURE THAT TWO LANES SHALL BE PROVIDED AT ALL TIMES AT NIGHT.

HIGHWAY STANDARDS: 701001-02, 701006-03, 701011-02, 701301-03, 701501-05, 701901-01

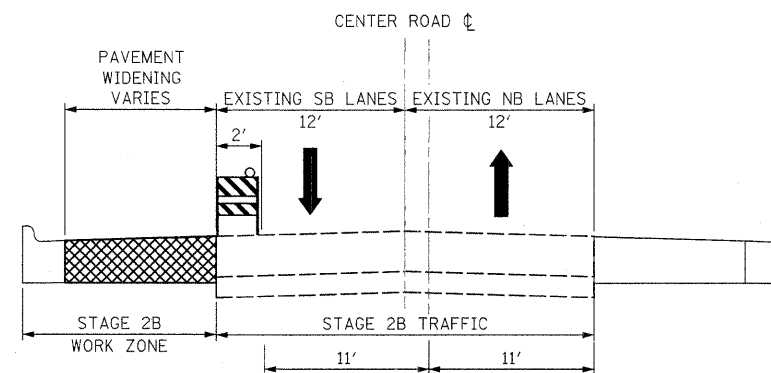
STAGE 2A



DURING STAGE 2A, BOTH NORTHBOUND (NB) AND SOUTHBOUND (SB) LANES SHALL REMAIN OPEN TO TRAFFIC. THE CONTRACTOR WILL BE ABLE TO INSTALL CURB AND GUTTER, WHERE APPLICABLE, SIDEWALK, DRAINAGE STRUCTURES AND SEWER LATERALS.

HIGHWAY STANDARDS: 701001-02, 701006-03, 701011-02, 701301-03, 701801-04, 701336-05, 701901-01

STAGE 2B



DURING STAGE 2B, THE NORTHBOUND AND SOUTHBOUND TRAFFIC LANE WIDTHS SHALL BE REDUCED TO 11 FEET WHERE NECESSARY. THE CONTRACTOR WILL BE ABLE TO EXCAVATE AND PLACE SUBBASE, BASE, AND BINDER COURSES FOR THE PAVEMENT WIDENING AND GRADE PARKWAYS AS REQUIRED. THE CONTRACTOR SHALL CLOSE THE SB TRAVEL LANES, AS APPROVED BY THE ENGINEER, TO GRIND THE EXISTING PAVEMENT AND PATCH TO THE REQUIRED DEPTH AS NECESSARY. THE REQUIRED GRINDING DEPTH WILL BE ACHIEVED BY HMA SURFACE REMOVAL - VARIABLE DEPTH. DURING DAY TIME OPERATIONS FLAGGERS SHALL BE USED TO CONTROL TRAFFIC IN LOCATIONS WHERE THE TRAFFIC WIDTH IS LESS THAN 20 FEET AT ANY TIME. THE CONTRACTOR SHALL ENSURE THAT TWO LANES SHALL BE PROVIDED AT ALL TIMES AT NIGHT.

HIGHWAY STANDARDS: 701001-02, 701006-03, 701011-02, 701301-03, 701501-05, 701801-04, 701901-01

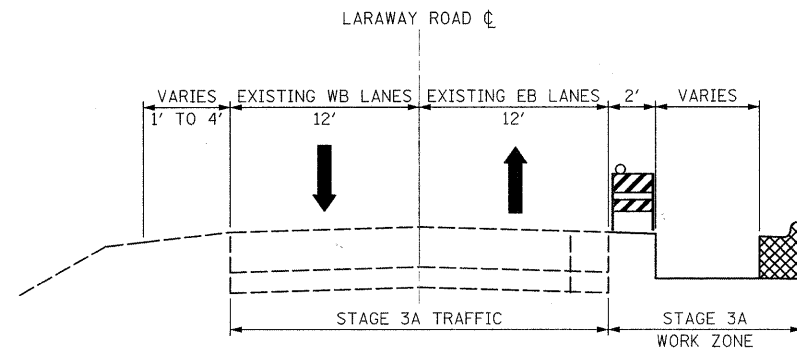
GENERAL NOTES

- ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES.
- THE MAXIMUM ALLOWABLE LANE DROP DIFFERENTIAL ALLOWED WILL BE 2".
- DETOURS ARE NOT ANTICIPATED BUT WILL BE ALLOWED IF APPROVED BY THE VILLAGE OF FRANKFORT. THEIR COST WILL BE INCLUDED IN THE TRAFFIC CONTROL AND PROTECTION PAY ITEM. CENTER ROAD DETOURS SHALL BE INSTALLED ACCORDING TO THE LATEST MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES MANUAL AND APPLICABLE IDOT HIGHWAY STANDARDS.
- SIDE ROAD ACCESS MUST BE MAINTAINED DURING CONSTRUCTION. TEMPORARY PAVEMENT QUANTITY IS INCLUDED TO RE-ESTABLISH CROSS TRAFFIC FOLLOWING THE GRINDING OPERATION. TEMPORARY RAMPS AND A SUITABLE DRIVING SURFACE SHALL BE PROVIDED FOR CROSS TRAFFIC IMMEDIATELY FOLLOWING GRINDING ACROSS AN INTERSECTION.
- ANY SIDEWALK CLOSURES REQUIRED ALONG THE PROJECT CORRIDOR SHALL BE DONE ACCORDING TO THE LATEST REVISION OF HIGHWAY STANDARDS.
- THE CONTRACTOR WILL BE REQUIRED TO SUBMIT DETAILED WORK SCHEDULES FOR EACH LOCATION ALONG THE PROJECT CORRIDOR. THE SCHEDULES SHALL BE APPROVED BY THE VILLAGE OF FRANKFORT AND THE ENGINEER PRIOR TO THE CONTRACTOR STARTING WORK IN ANY AREA.
- WEEKLY PROGRESS MEETINGS SHALL BE HELD BY THE CONTRACTOR TO UPDATE THE VILLAGE AND RESIDENTS.

FILE NAME = s:\j\16280-6559\6220-004\micro\Sheet1.mxd

	1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = adam	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGES OF CONSTRUCTION	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / 1" INL	CHECKED -	REVISED -	3759			04-00038-00-WR	WILL	165	35	
PLOT DATE = 3/31/22	DATE -	REVISED -	SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 63248			

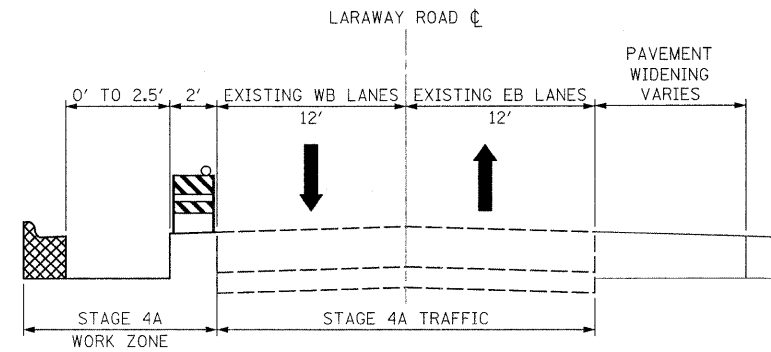
STAGE 3A



DURING STAGE 3A, BOTH EASTBOUND (EB) AND WESTBOUND (WB) LANES SHALL REMAIN OPEN TO TRAFFIC. THE CONTRACTOR WILL BE ABLE TO INSTALL CURB AND GUTTER, WHERE APPLICABLE, DRAINAGE STRUCTURES AND SEWER LATERALS.

HIGHWAY STANDARDS: 701001-02, 701006-03, 701011-02, 701301-03, 701336-05, 701901-01

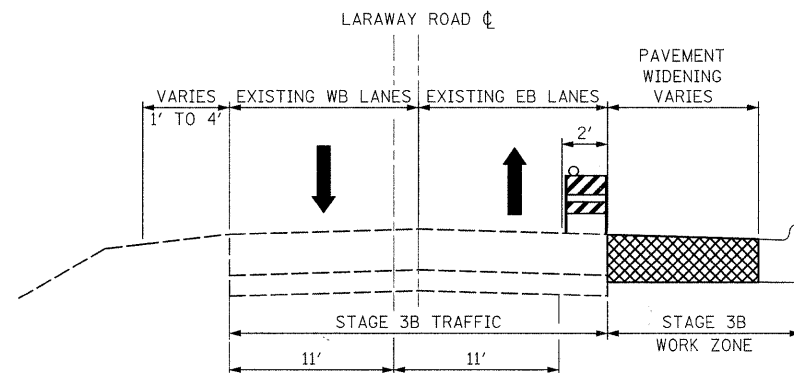
STAGE 4A



DURING STAGE 4A, BOTH EASTBOUND (EB) AND WESTBOUND (WB) LANES SHALL REMAIN OPEN TO TRAFFIC. THE CONTRACTOR WILL BE ABLE TO INSTALL CURB AND GUTTER, WHERE APPLICABLE, DRAINAGE STRUCTURES AND SEWER LATERALS.

HIGHWAY STANDARDS: 701001-02, 701006-03, 701011-02, 701301-03, 701336-05, 701801-04, 701901-01

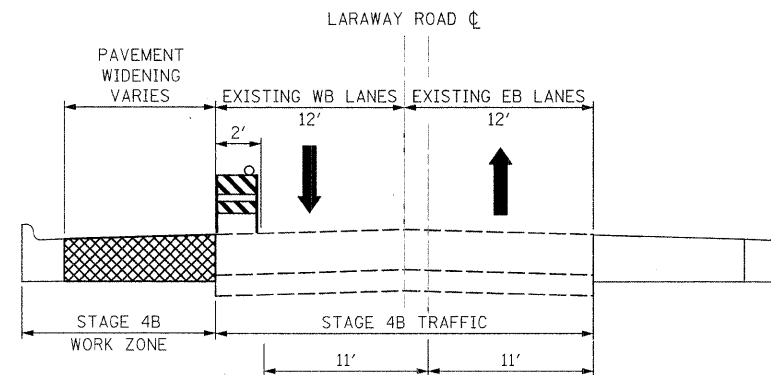
STAGE 3B



DURING STAGE 3B, THE EASTBOUND AND WESTBOUND TRAFFIC LANES WIDTH SHALL BE REDUCED TO 11 FEET WHERE NECESSARY. THE CONTRACTOR WILL BE ABLE TO EXCAVATE AND PLACE THE AGGREGATE SHOULDERS, SUBBASE, BASE, AND BINDER COURSES FOR THE PAVEMENT WIDENING AND GRADE THE PARKWAYS AS REQUIRED. THE CONTRACTOR SHALL CLOSE THE EB TRAVEL LANES, AS APPROVED BY THE ENGINEER, TO GRIND THE EXISTING PAVEMENT AND PATCH TO THE REQUIRED DEPTH AS NECESSARY. THE REQUIRED GRINDING DEPTH WILL BE ACHIEVED BY HMA SURFACE REMOVAL - VARIABLE DEPTH. DURING DAY TIME OPERATIONS FLAGGERS SHALL BE USED TO CONTROL TRAFFIC IN LOCATIONS WHERE THE TRAFFIC WIDTH IS LESS THAN 20 FEET AT ANY TIME. THE CONTRACTOR SHALL ENSURE THAT TWO LANES SHALL BE PROVIDED AT ALL TIMES AT NIGHT.

HIGHWAY STANDARDS: 701001-02, 701006-03, 701011-02, 701201-03, 701301-03, 701306-02, 701326-03, 701336-05, 701501-05, 701901-01

STAGE 4B



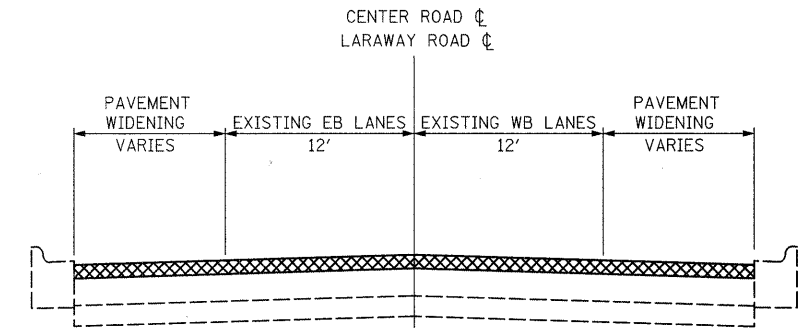
DURING STAGE 4B, THE EASTBOUND AND WESTBOUND TRAFFIC LANES WIDTH SHALL BE REDUCED TO 11 FEET WHERE NECESSARY. THE CONTRACTOR WILL BE ABLE TO EXCAVATE AND PLACE THE AGGREGATE SHOULDERS, SUBBASE, BASE, AND BINDER COURSES FOR THE PAVEMENT WIDENING AND GRADE PARKWAYS AS REQUIRED. THE CONTRACTOR SHALL CLOSE THE WB TRAVEL LANES, AS APPROVED BY THE ENGINEER, TO GRIND THE EXISTING PAVEMENT AND PATCH TO THE REQUIRED DEPTH AS NECESSARY. THE REQUIRED GRINDING DEPTH WILL BE ACHIEVED BY HMA SURFACE REMOVAL - VARIABLE DEPTH. DURING DAY TIME OPERATIONS FLAGGERS SHALL BE USED TO CONTROL TRAFFIC IN LOCATIONS WHERE THE TRAFFIC WIDTH IS LESS THAN 20 FEET AT ANY TIME. THE CONTRACTOR SHALL ENSURE THAT TWO LANES SHALL BE PROVIDED AT ALL TIMES AT NIGHT.

HIGHWAY STANDARDS: 701001-02, 701006-03, 701011-02, 701201-03, 701301-03, 701306-02, 701326-03, 701336-05, 701501-05, 701801-04, 701901-01

GENERAL NOTES

- ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES.
- THE MAXIMUM ALLOWABLE LANE DROP DIFFERENTIAL ALLOWED WILL BE 2".
- DETOURS ARE NOT ANTICIPATED BUT WILL BE ALLOWED IF APPROVED BY THE ENGINEER. THEIR COST WILL BE INCLUDED IN THE TRAFFIC CONTROL AND PROTECTION PAY ITEM. CENTER ROAD DETOURS WILL BE REQUIRED TO DIRECT TRAFFIC TO NEBRASKA STREET AND SHALL BE INSTALLED ACCORDING TO THE LATEST MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES MANUAL AND APPLICABLE IDOT HIGHWAY STANDARDS.
- SIDE ROAD ACCESS MUST BE MAINTAINED DURING CONSTRUCTION. TEMPORARY PAVEMENT QUANTITY IS INCLUDED TO RE-ESTABLISH CROSS TRAFFIC FOLLOWING THE GRINDING OPERATION. TEMPORARY RAMPS AND A SUITABLE DRIVING SURFACE SHALL BE PROVIDED FOR CROSS TRAFFIC IMMEDIATELY FOLLOWING GRINDING ACROSS AN INTERSECTION.
- ANY SIDEWALK CLOSURES REQUIRED ALONG THE PROJECT CORRIDOR SHALL BE DONE ACCORDING TO THE LATEST REVISION OF HIGHWAY STANDARDS.
- THE CONTRACTOR WILL BE REQUIRED TO SUBMIT DETAILED WORK SCHEDULES FOR EACH LOCATION ALONG THE PROJECT CORRIDOR. THE SCHEDULES SHALL BE APPROVED BY THE VILLAGE OF FRANKFORT AND THE ENGINEER PRIOR TO THE CONTRACTOR STARTING WORK IN ANY AREA.
- WEEKLY PROGRESS MEETINGS SHALL BE HELD BY THE CONTRACTOR TO UPDATE THE VILLAGE AND RESIDENTS.

STAGE 5

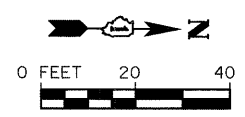
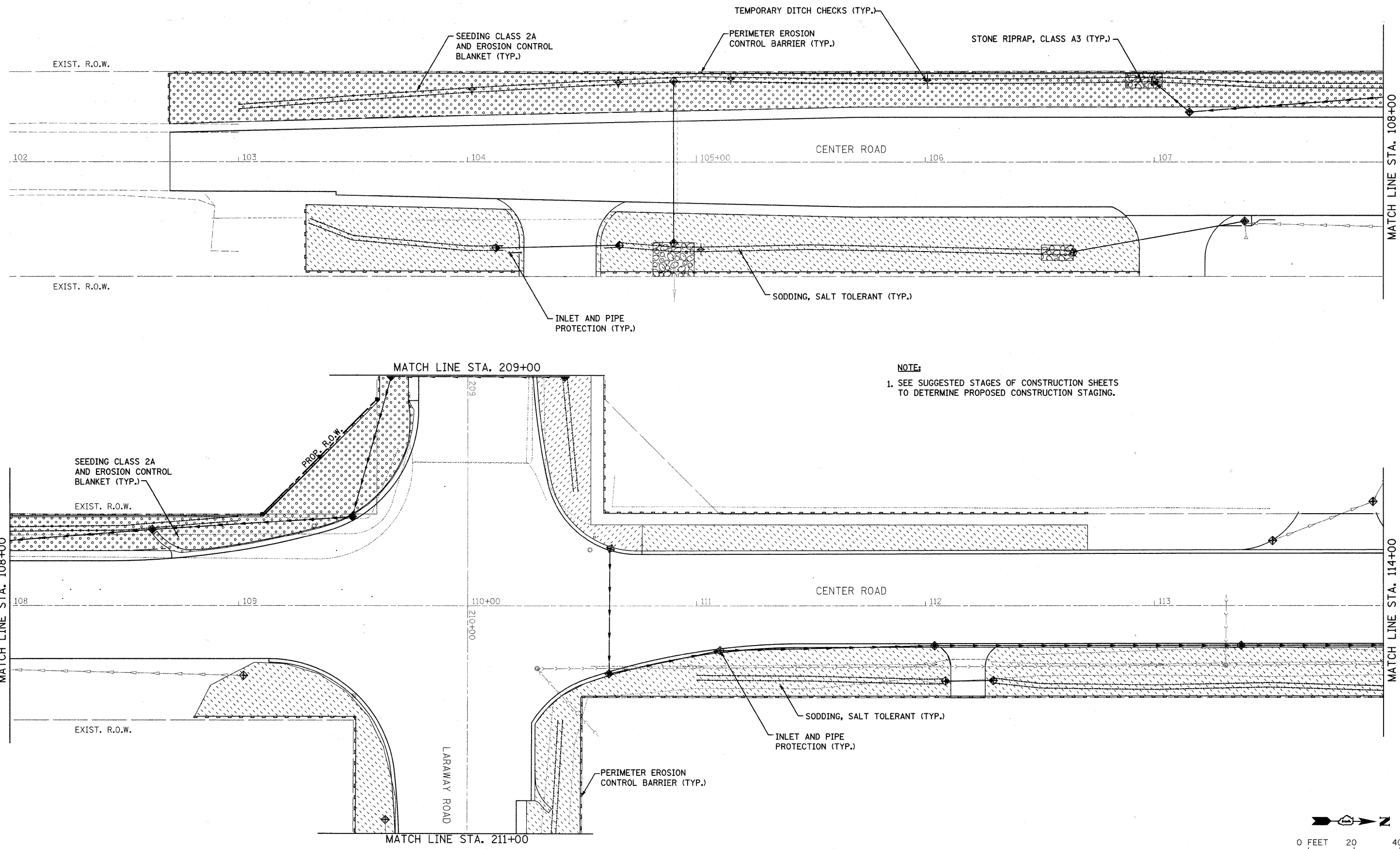


DURING STAGE 5, ONE LANE OF TRAFFIC SHALL BE MAINTAINED IN EACH DIRECTION. THE CONTRACTOR WILL BE ABLE TO PLACE THE SURFACE COURSE, AND PERMANENT PAVEMENT MARKINGS ON BOTH CENTER ROAD AND LARAWAY ROAD.

HIGHWAY STANDARDS: 701001-02, 701006-03, 7010011-02, 701301-03, 701306-02, 701311-03, 701801-04, 701901-01

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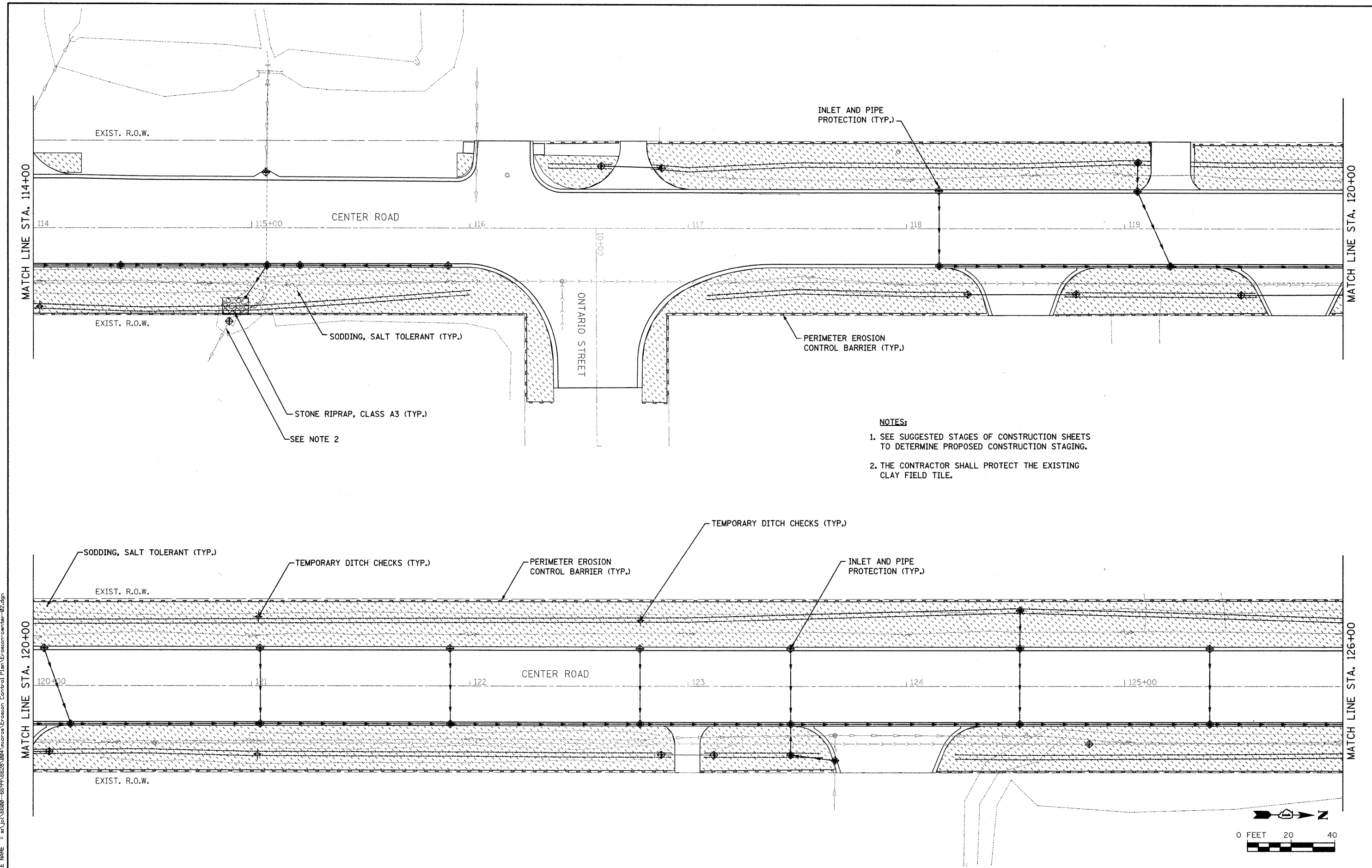
STRAND
 CONSULTING AND ENGINEERING
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = adam	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / IN.	DRAWN -	REVISED -
PLOT DATE = 3/31/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LANDSCAPING AND EROSION CONTROL PLAN				
SCALE: AS SHOWN	SHEET NO.	OF	SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	37
CONTRACT NO. 63248				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



- NOTES:**
1. SEE SUGGESTED STAGES OF CONSTRUCTION SHEETS TO DETERMINE PROPOSED CONSTRUCTION STAGING.
 2. THE CONTRACTOR SHALL PROTECT THE EXISTING CLAY FIELD TILE.

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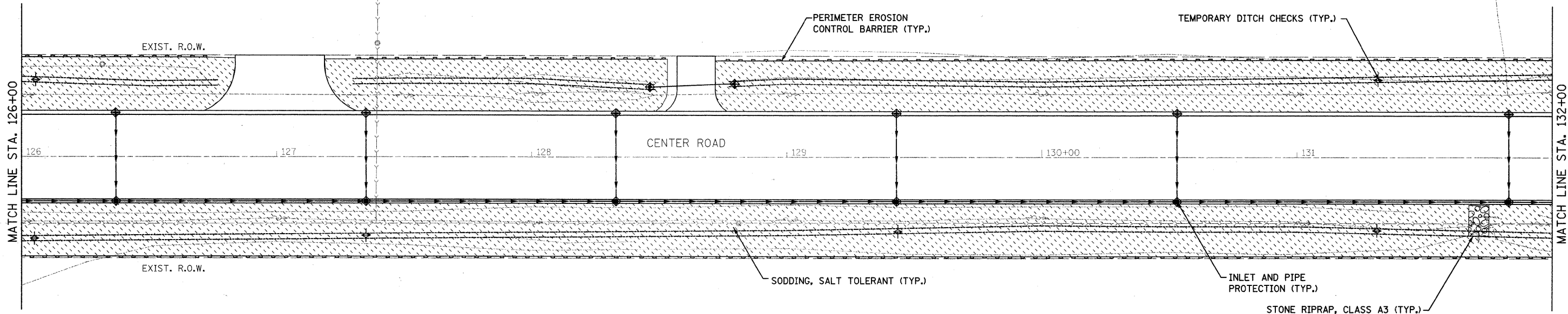
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

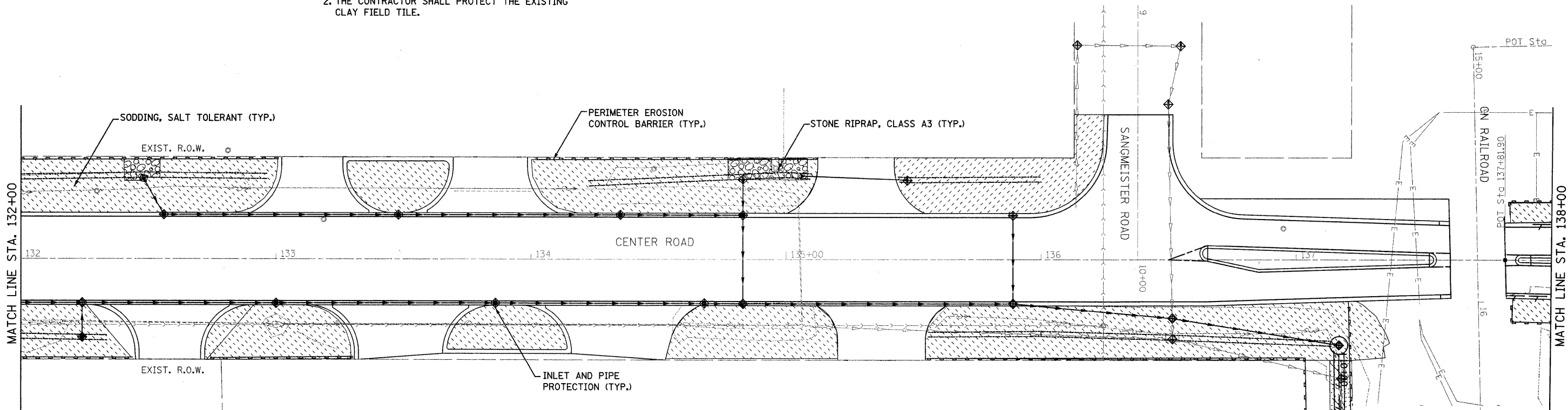
LANDSCAPING AND EROSION CONTROL PLAN

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	38
CONTRACT NO. 63248				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- NOTES:**
1. SEE SUGGESTED STAGES OF CONSTRUCTION SHEETS TO DETERMINE PROPOSED CONSTRUCTION STAGING.
 2. THE CONTRACTOR SHALL PROTECT THE EXISTING CLAY FIELD TILE.



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STRAND
ENGINEERS

1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = adamm	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / IN.	DRAWN -	REVISED -
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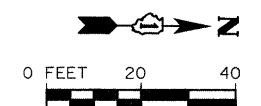
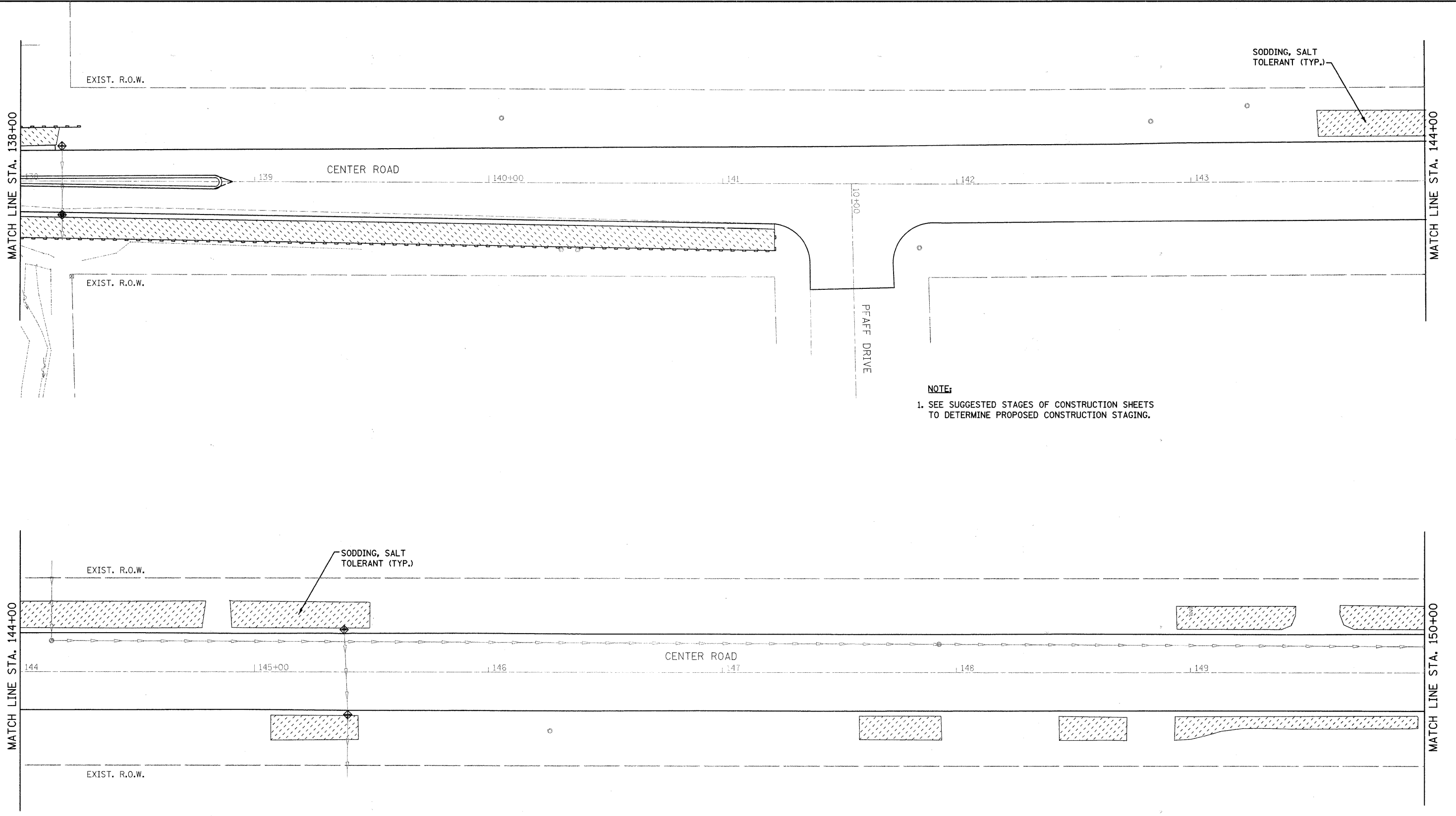
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPING AND EROSION CONTROL PLAN

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CONTRACT NO. 63248				
FED. ROAD DIST. NO. ILLINOIS' FED. AID PROJECT				

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ASSOCIATES, INC.
ENGINEERS

1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

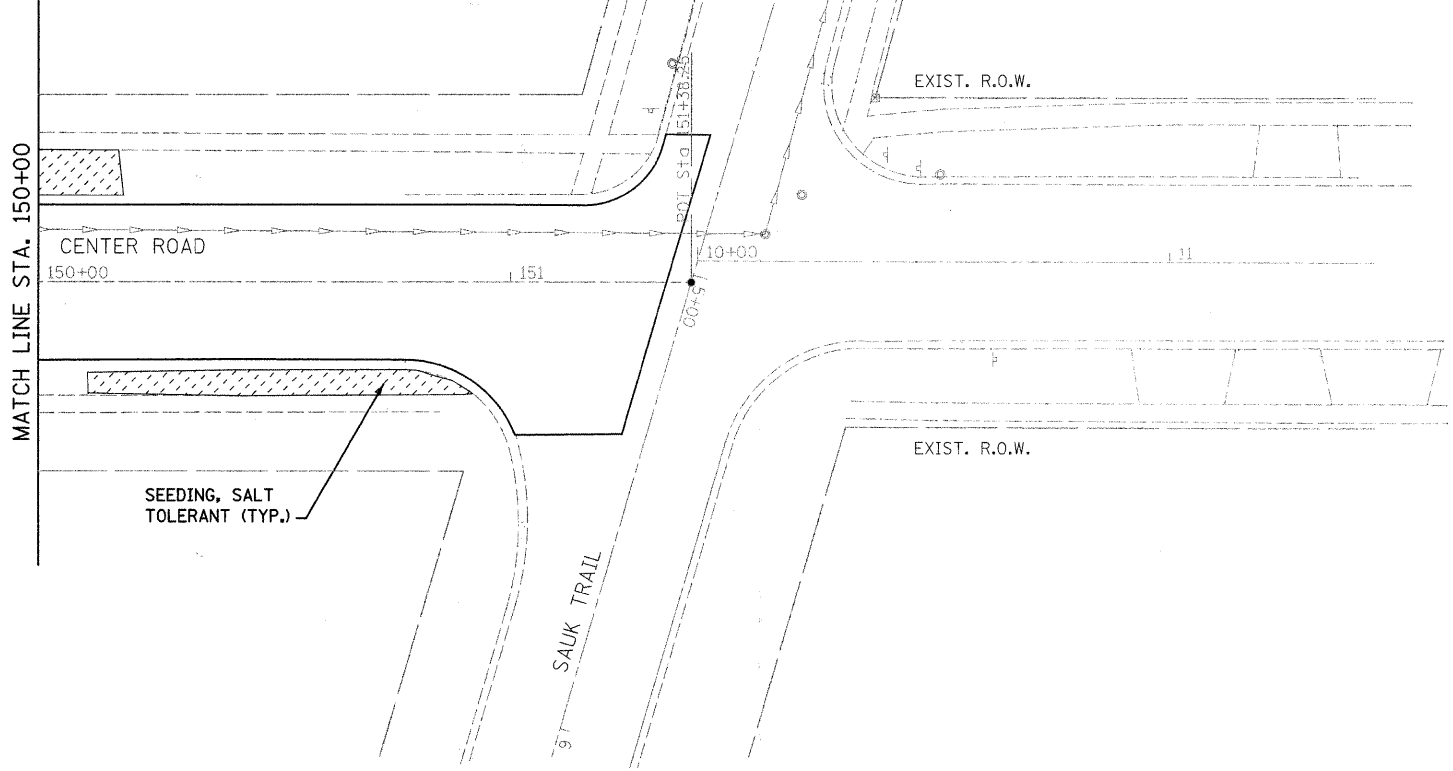
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DATE -	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING AND EROSION CONTROL PLAN

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	40
CONTRACT NO. 63248				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



NOTE:
 1. SEE SUGGESTED STAGES OF CONSTRUCTION SHEETS TO DETERMINE PROPOSED CONSTRUCTION STAGING.



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 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = adam
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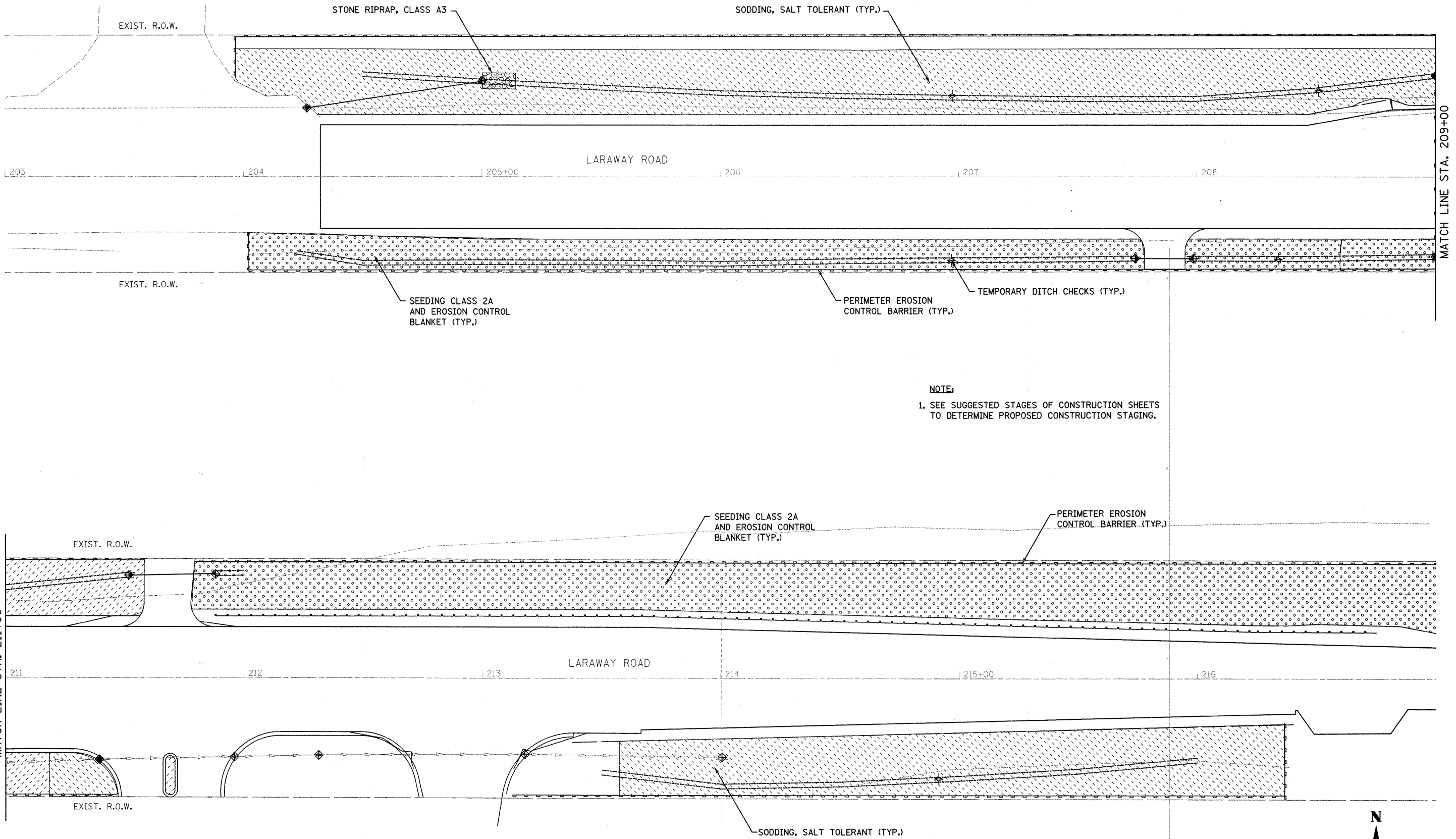
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DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

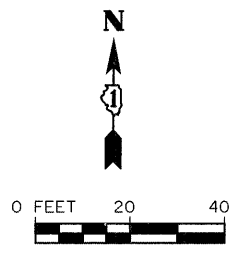
LANDSCAPING AND EROSION CONTROL PLAN

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	41
CONTRACT NO. 63248				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



NOTE:
 1. SEE SUGGESTED STAGES OF CONSTRUCTION SHEETS TO DETERMINE PROPOSED CONSTRUCTION STAGING.



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B STRAND ENGINEERS
 1170 SOUTH HOBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

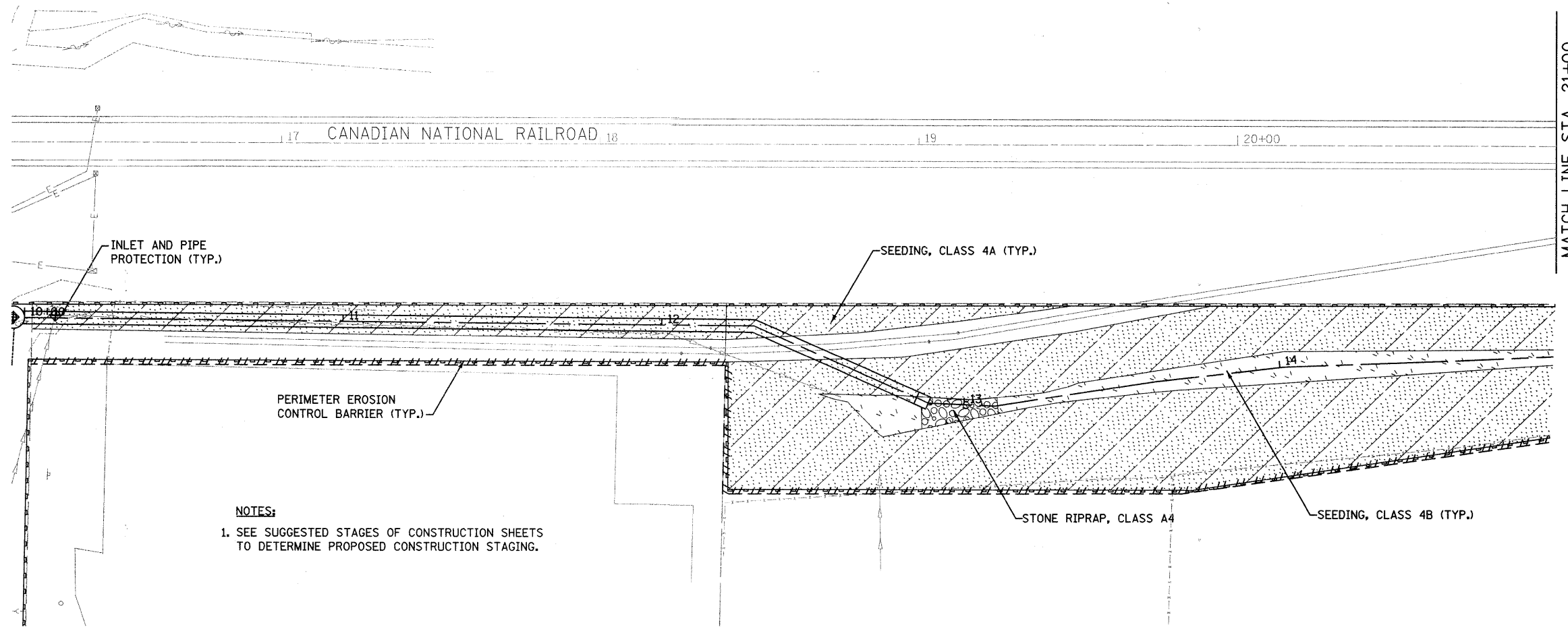
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

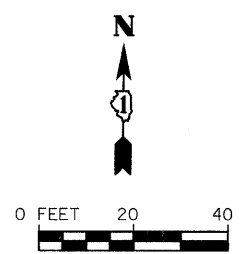
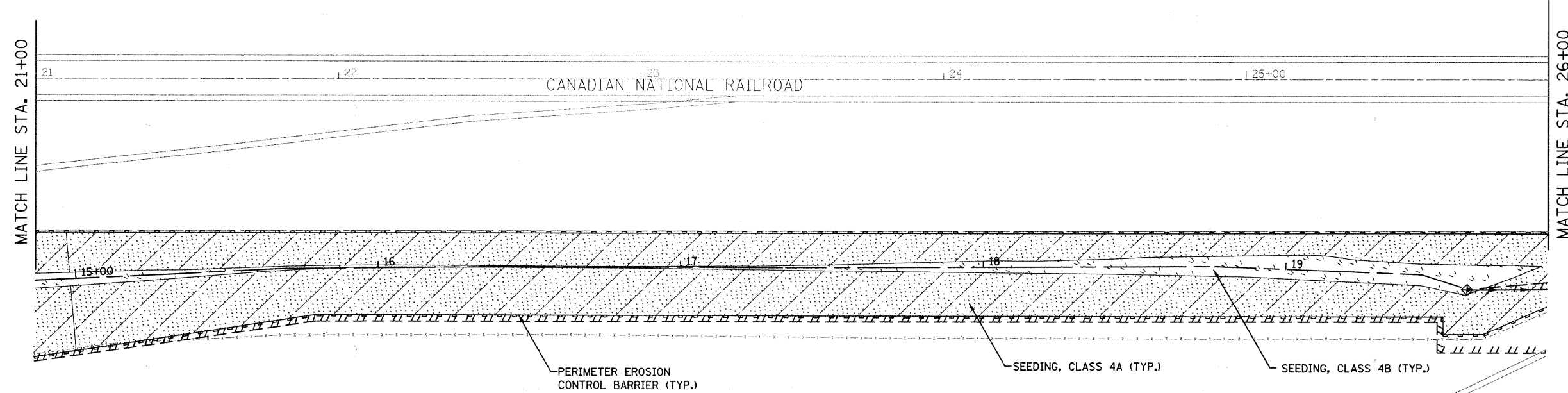
LANDSCAPING AND EROSION CONTROL PLAN

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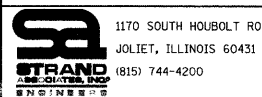
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CONTRACT NO. 63248				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



NOTES:
 1. SEE SUGGESTED STAGES OF CONSTRUCTION SHEETS TO DETERMINE PROPOSED CONSTRUCTION STAGING.



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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

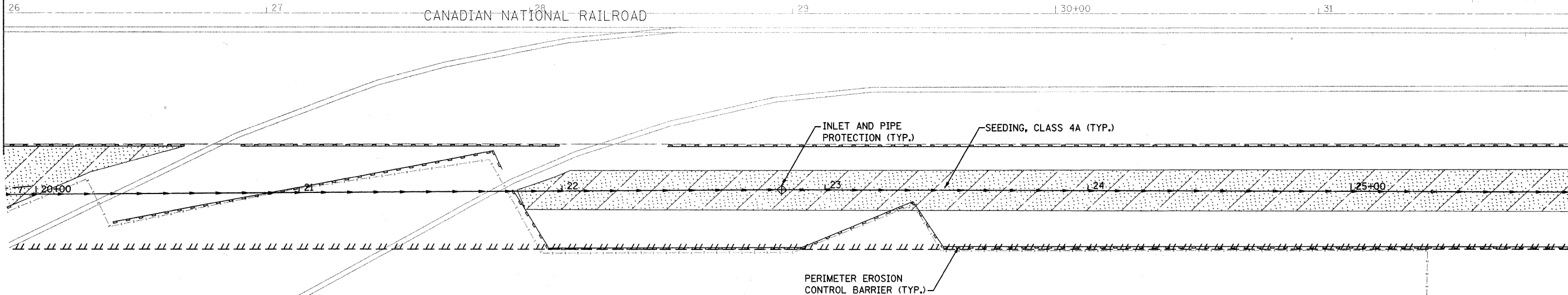
LANDSCAPING AND EROSION CONTROL PLAN

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 63248				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

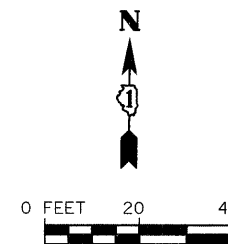
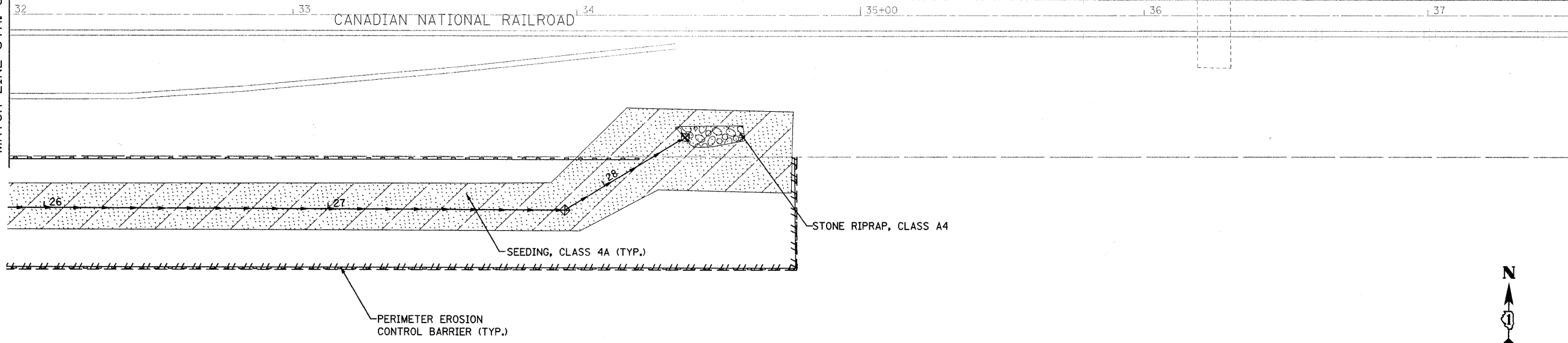
MATCH LINE STA. 26+00

MATCH LINE STA. 32+00



NOTES:
 1. SEE SUGGESTED STAGES OF CONSTRUCTION SHEETS TO DETERMINE PROPOSED CONSTRUCTION STAGING.

MATCH LINE STA. 32+00



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 1170 SOUTH HOUBOLT ROAD
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USER NAME = adamm	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / IN.	DRAWN -	REVISED -
PLOT DATE = 3/31/2018	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING AND EROSION CONTROL PLAN

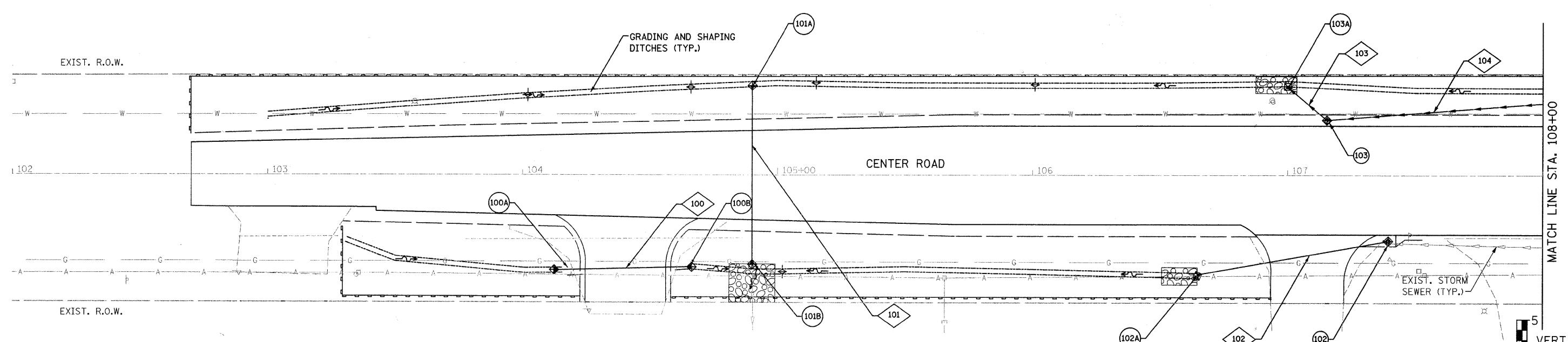
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	44
CONTRACT NO. 63248				

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

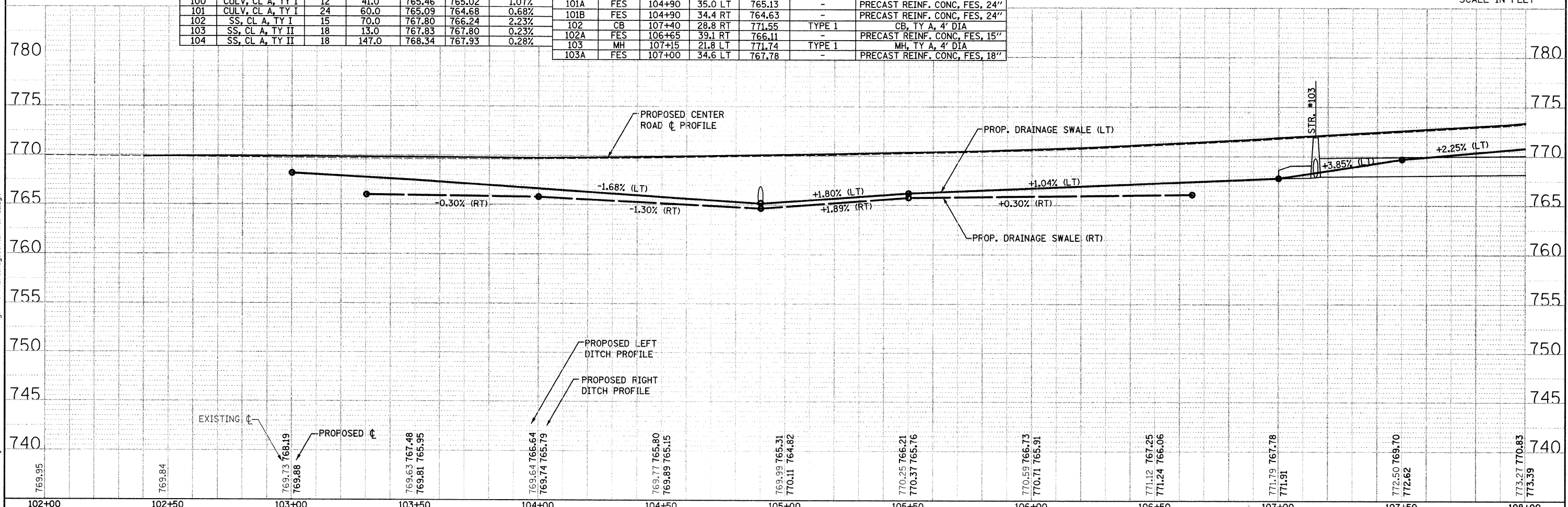
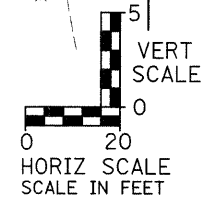
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 SURVEYED
 PLOTTED
 CHECKED
 NO. OF DAYS
 CAD FILE NAME



SEWER PIPE SCHEDULE							DRAINAGE STRUCTURE SCHEDULE						
STR NO.	PIPE MATERIAL	PIPE SIZE (IN)	PIPE LENGTH (FT)	INVERT ELEVATION (PIPE ONLY)		Slope (%)	STR NO.	STR TY	STATION	OFFSET	RIM EL.	CASTING TYPE	TYPE OF WORK TO BE COMPLETED
				UP	DOWN								
100	CULV. CL A, TY I	12	41.0	765.46	765.02	1.07%	100A	FES	104+13	37.3 RT	765.53	-	PRECAST REINF. CONC, FES, 12"
101	CULV. CL A, TY I	24	60.0	765.09	764.68	0.68%	100B	FES	104+65	36.2 RT	764.95	-	PRECAST REINF. CONC, FES, 12"
102	SS, CL A, TY I	15	70.0	767.80	766.24	2.23%	101A	FES	104+90	35.0 LT	765.13	-	PRECAST REINF. CONC, FES, 24"
103	SS, CL A, TY II	18	13.0	767.83	767.80	0.23%	101B	FES	104+90	34.4 RT	764.63	-	PRECAST REINF. CONC, FES, 24"
104	SS, CL A, TY II	18	147.0	768.34	767.93	0.28%	102	CB	107+40	28.8 RT	771.55	TYPE 1	CB, TY A, 4' DIA
							102A	FES	106+65	39.1 RT	766.11	-	PRECAST REINF. CONC, FES, 15"
							103	MH	107+15	21.8 LT	771.74	TYPE 1	MH, TY A, 4' DIA
							103A	FES	107+00	34.6 LT	767.78	-	PRECAST REINF. CONC, FES, 18"

NOTE:
RIM ELEVATION AND OFFSET FOR STRUCTURES LOCATED IN CURB LINE ARE MEASURED TO THE BACK AND TOP OF CURB.



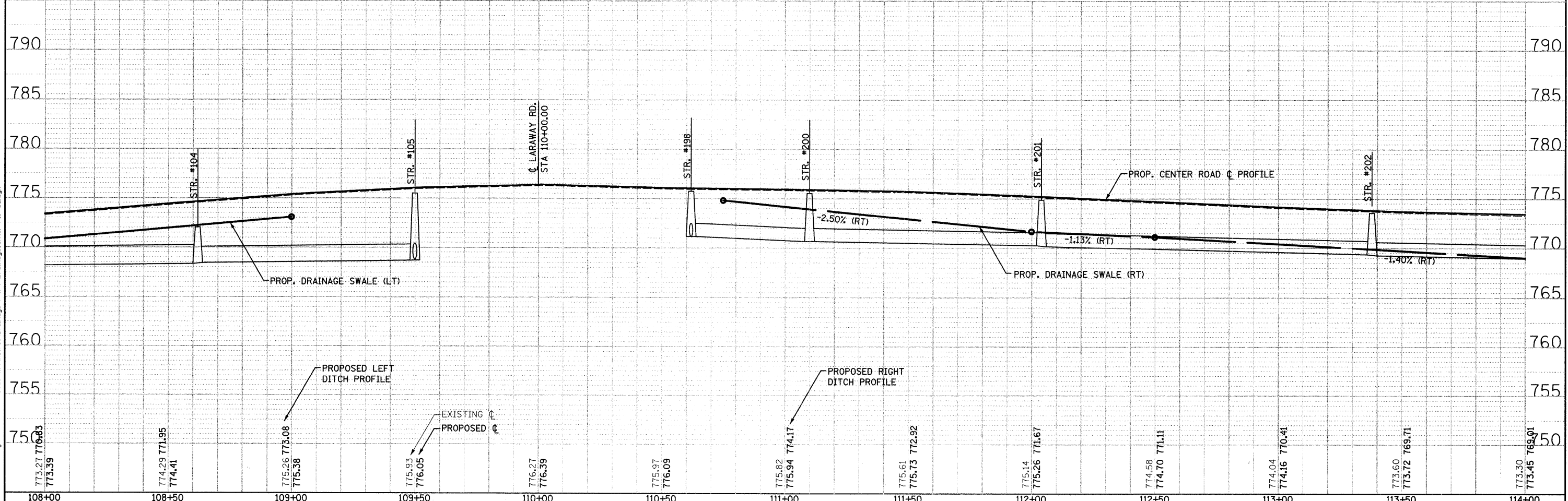
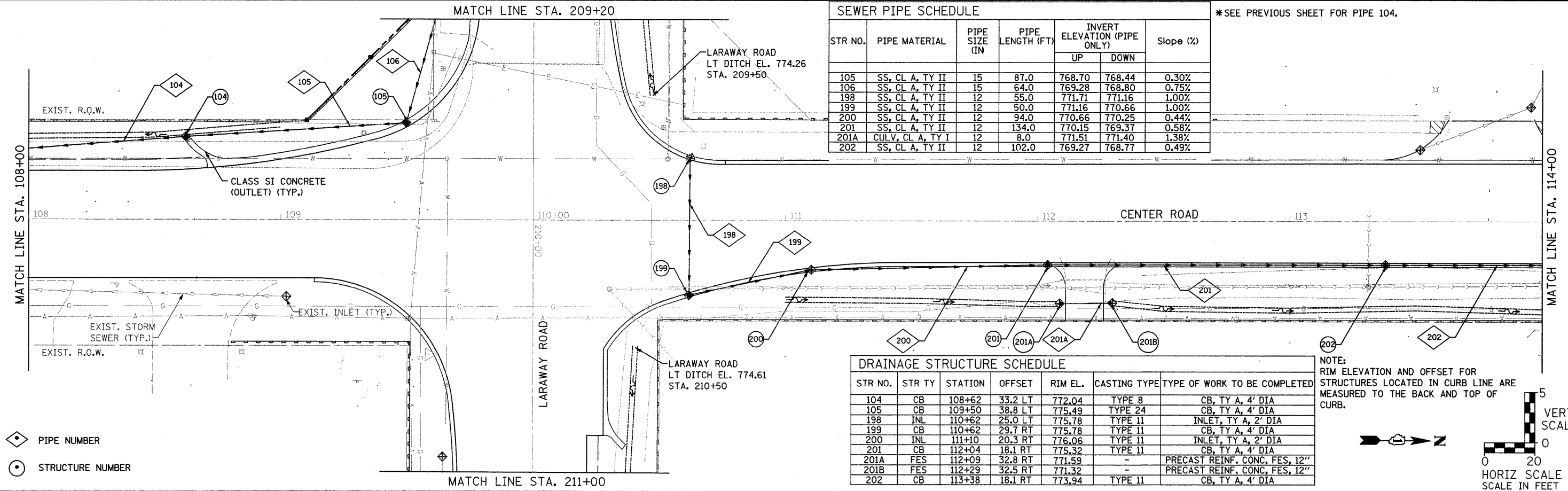
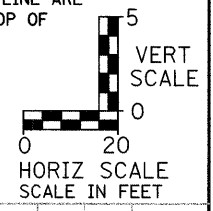
 1170 SOUTH HOUBOLT ROAD JULIET, ILLINOIS 60431 (815) 744-4200	USER NAME = edamm CHECKED - DRAWN - DATE = 3/21/2017	DESIGNED - CHECKED - DRAWN - CHECKED -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CENTER ROAD DRAINAGE AND UTILITY PLAN AND PROFILE	F.A.U. RTE. 3759 SECTION 04-00038-00-WR COUNTY WILL TOTAL SHEETS 165 SHEET NO. 45 CONTRACT NO. 63248	SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
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STR NO.	PIPE MATERIAL	PIPE SIZE (IN)	PIPE LENGTH (FT)	INVERT ELEVATION (PIPE ONLY)		Slope (%)
				UP	DOWN	
105	SS, CL A, TY II	15	87.0	768.70	768.44	0.30%
106	SS, CL A, TY II	15	64.0	769.28	768.80	0.75%
198	SS, CL A, TY II	12	55.0	771.71	771.16	1.00%
199	SS, CL A, TY II	12	50.0	771.16	770.66	1.00%
200	SS, CL A, TY II	12	94.0	770.66	770.25	0.44%
201	SS, CL A, TY II	12	134.0	770.15	769.37	0.58%
201A	CULV, CL A, TY I	12	8.0	771.51	771.40	1.38%
202	SS, CL A, TY II	12	102.0	769.27	768.77	0.49%

*SEE PREVIOUS SHEET FOR PIPE 104.

STR NO.	STR TY	STATION	OFFSET	RIM EL.	CASTING TYPE	TYPE OF WORK TO BE COMPLETED
104	CB	108+62	33.2 LT	772.04	TYPE 8	CB, TY A, 4' DIA
105	CB	109+50	38.8 LT	775.49	TYPE 24	CB, TY A, 4' DIA
198	INL	110+62	25.0 LT	775.78	TYPE 11	INLET, TY A, 2' DIA
199	CB	110+62	29.7 RT	775.78	TYPE 11	CB, TY A, 4' DIA
200	INL	111+10	20.3 RT	776.06	TYPE 11	INLET, TY A, 2' DIA
201	CB	112+04	18.1 RT	775.32	TYPE 11	CB, TY A, 4' DIA
201A	FES	112+09	32.8 RT	771.59	-	PRECAST REINF. CONC, FES, 12"
201B	FES	112+29	32.5 RT	771.32	-	PRECAST REINF. CONC, FES, 12"
202	CB	113+38	18.1 RT	773.94	TYPE 11	CB, TY A, 4' DIA

NOTE: RIM ELEVATION AND OFFSET FOR STRUCTURES LOCATED IN CURB LINE ARE MEASURED TO THE BACK AND TOP OF CURB.



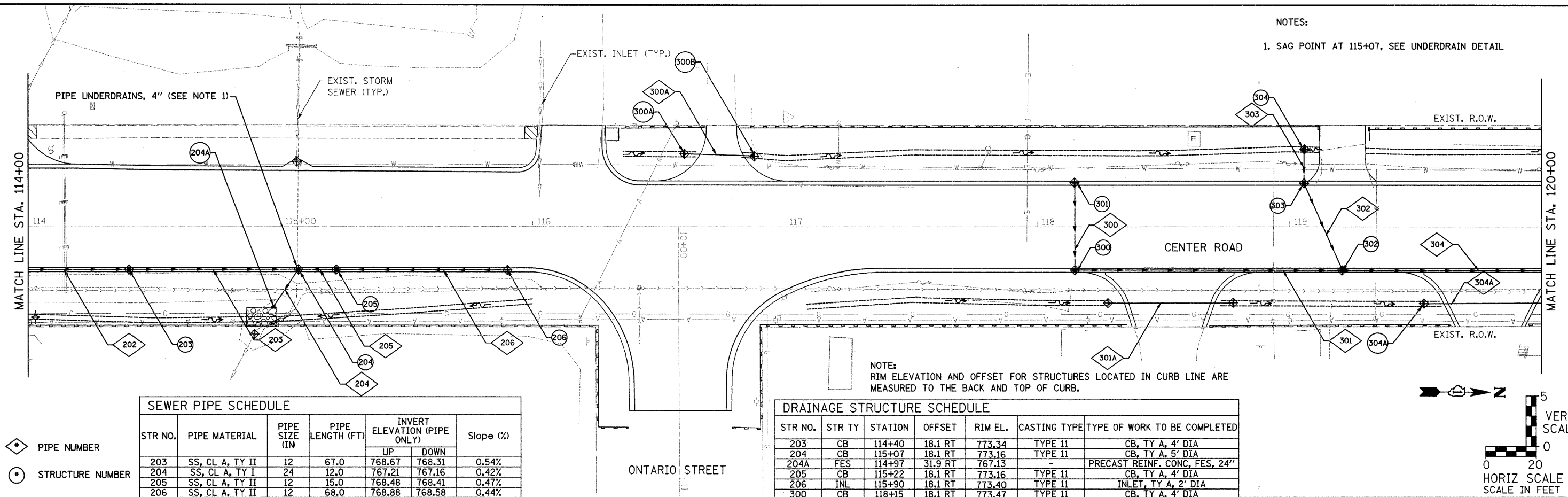
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1170 SOUTH HOUBOLT ROAD JULIET, ILLINOIS 60431 (815) 744-4200	USER NAME = adam	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CENTER ROAD DRAINAGE AND UTILITY PLAN AND PROFILE			F.A.U. RTE. 3759	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 46
	PLOT SCALE = 20.0000' / IN.	DRAWN -	REVISED -		CONTRACT NO. 63248							
	PLOT DATE = 3/31/22	CHECKED -	REVISED -		SCALE: AS SHOWN	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

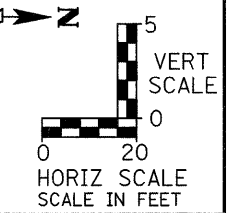
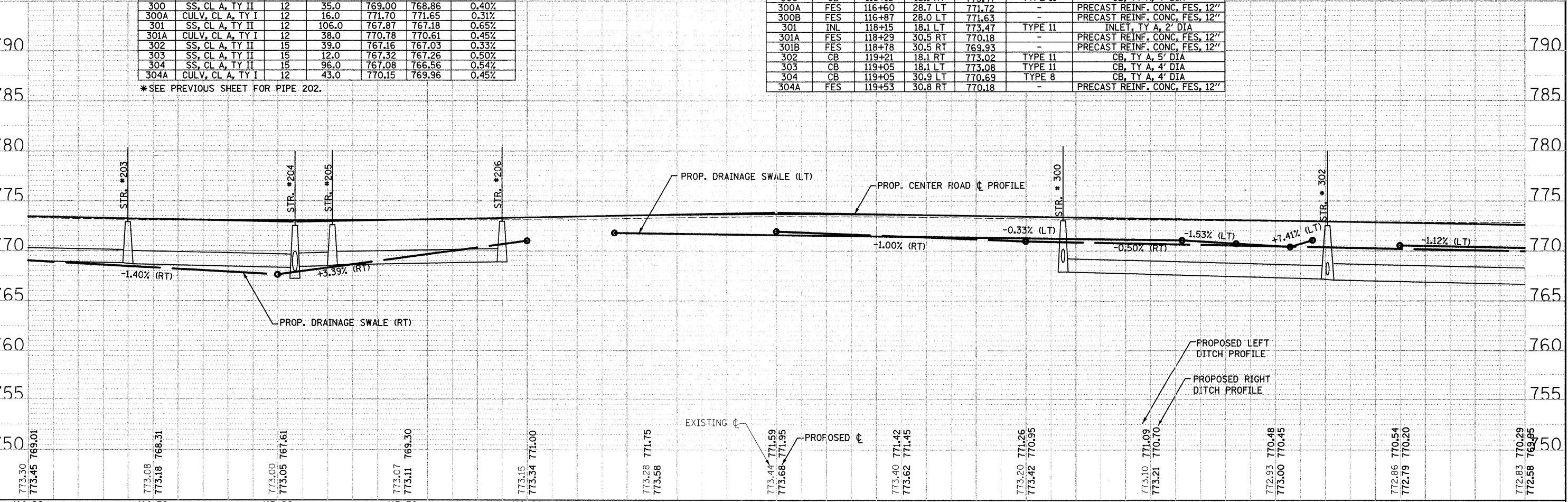
NOTES:
1. SAG POINT AT 115+07, SEE UNDERDRAIN DETAIL



SEWER PIPE SCHEDULE						
STR NO.	PIPE MATERIAL	PIPE SIZE (IN)	PIPE LENGTH (FT)	INVERT ELEVATION (PIPE ONLY)		Slope (%)
				UP	DOWN	
203	SS, CL A, TY II	12	67.0	768.67	768.31	0.54%
204	SS, CL A, TY I	24	12.0	767.21	767.16	0.42%
205	SS, CL A, TY II	12	15.0	768.48	768.41	0.47%
206	SS, CL A, TY II	12	68.0	768.88	768.58	0.44%
300	SS, CL A, TY II	12	35.0	769.00	768.86	0.40%
300A	CULV, CL A, TY I	12	16.0	771.70	771.65	0.31%
301	SS, CL A, TY II	12	106.0	767.87	767.18	0.65%
301A	CULV, CL A, TY I	12	38.0	770.78	770.61	0.45%
302	SS, CL A, TY II	15	39.0	767.16	767.03	0.33%
303	SS, CL A, TY II	15	12.0	767.32	767.26	0.50%
304	SS, CL A, TY II	15	96.0	767.08	766.56	0.54%
304A	CULV, CL A, TY I	12	43.0	770.15	769.96	0.45%

*SEE PREVIOUS SHEET FOR PIPE 202.

DRAINAGE STRUCTURE SCHEDULE						
STR NO.	STR TY	STATION	OFFSET	RIM EL.	CASTING TYPE	TYPE OF WORK TO BE COMPLETED
203	CB	114+40	18.1 RT	773.34	TYPE 11	CB, TY A, 4' DIA
204	CB	115+07	18.1 RT	773.16	TYPE 11	CB, TY A, 5' DIA
204A	FES	114+97	31.9 RT	767.13	-	PRECAST REINF. CONC, FES, 24"
205	CB	115+22	18.1 RT	773.16	TYPE 11	CB, TY A, 4' DIA
206	INL	115+90	18.1 RT	773.40	TYPE 11	INLET, TY A, 2' DIA
300	CB	118+15	18.1 RT	773.47	TYPE 11	CB, TY A, 4' DIA
300A	FES	116+60	28.7 LT	771.72	-	PRECAST REINF. CONC, FES, 12"
300B	FES	116+87	28.0 LT	771.63	-	PRECAST REINF. CONC, FES, 12"
301	INL	118+15	18.1 LT	773.47	TYPE 11	INLET, TY A, 2' DIA
301A	FES	118+29	30.5 RT	770.18	-	PRECAST REINF. CONC, FES, 12"
301B	FES	118+78	30.5 RT	769.93	-	PRECAST REINF. CONC, FES, 12"
302	CB	119+21	18.1 RT	773.02	TYPE 11	CB, TY A, 5' DIA
303	CB	119+05	18.1 LT	773.08	TYPE 11	CB, TY A, 4' DIA
304	CB	119+05	30.9 LT	770.69	TYPE 8	CB, TY A, 4' DIA
304A	FES	119+53	30.8 RT	770.18	-	PRECAST REINF. CONC, FES, 12"



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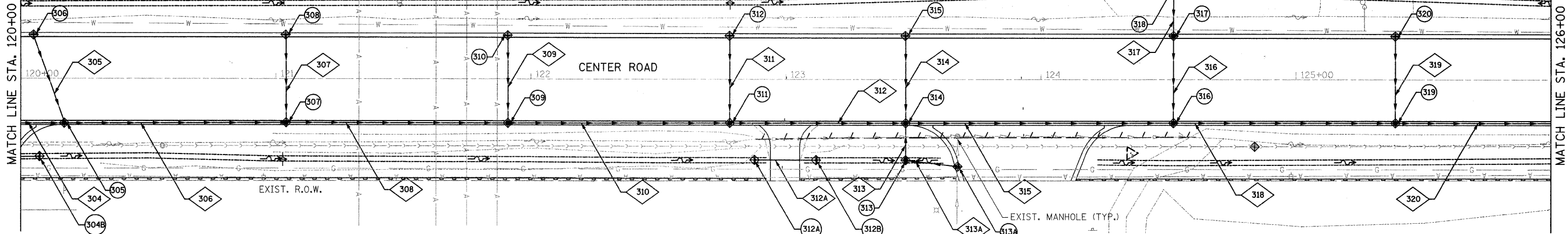
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 1170 SOUTH HOBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = odamm DESIGNED - CHECKED - DRAWN - CHECKED -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		CENTER ROAD DRAINAGE AND UTILITY PLAN AND PROFILE		F.A.U. RTE. 3759 SECTION 04-00038-00-WR COUNTY WILL TOTAL SHEETS 165 SHEET NO. 47	CONTRACT NO. 63248
	PLOT SCALE = 20.0000' / IN. PLOT DATE = 3/31/2018			SCALE: AS SHOWN	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT	

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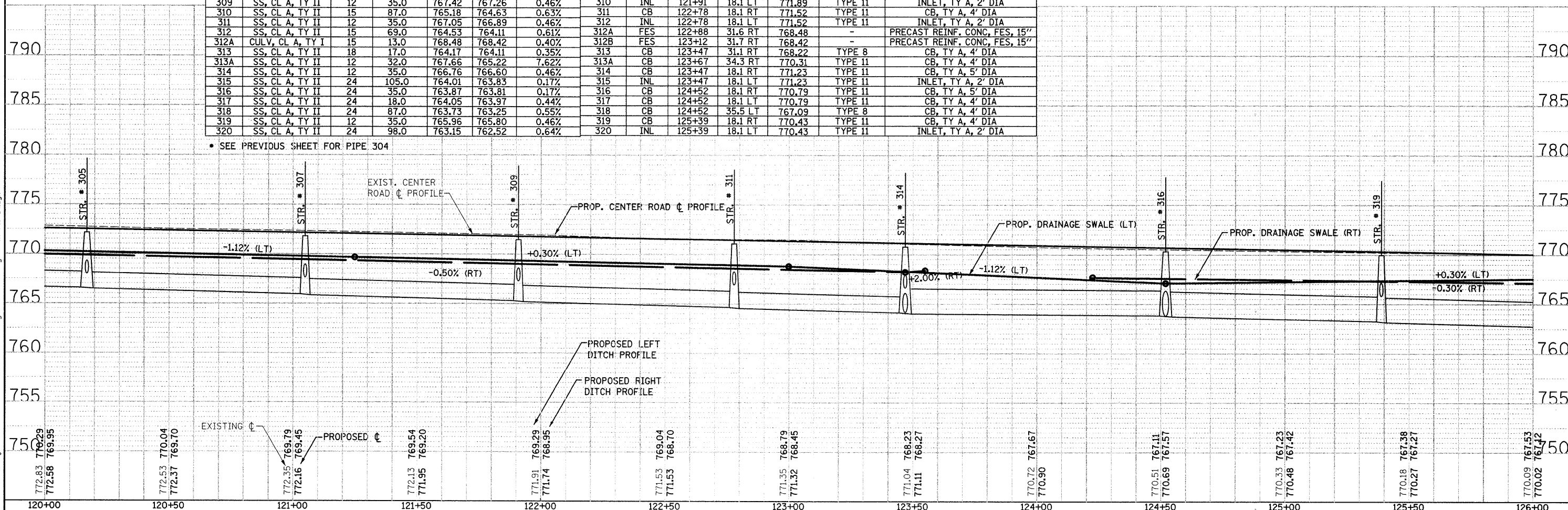
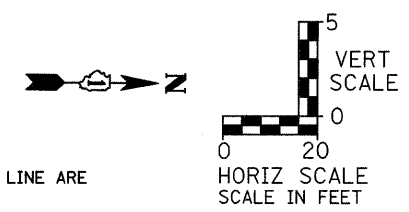
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 PLOT DATE = 3/21/2012



SEWER PIPE SCHEDULE							DRAINAGE STRUCTURE SCHEDULE						
STR NO.	PIPE MATERIAL	PIPE SIZE (IN)	PIPE LENGTH (FT)	INVERT ELEVATION (PIPE ONLY)		Slope (%)	STR NO.	STR TY	STATION	OFFSET	RIM EL.	CASTING TYPE	TYPE OF WORK TO BE COMPLETED
				UP	DOWN								
305	SS, CL A, TY II	12	38.0	768.15	767.98	0.45%	304B	FES	120+07	30.4 RT	769.96	-	PRECAST REINF. CONC, FES, 12"
306	SS, CL A, TY II	15	97.0	766.46	765.93	0.55%	305	CB	120+17	18.1 RT	772.62	TYPE 11	CB, TY A, 5' DIA
307	SS, CL A, TY II	12	35.0	767.78	767.62	0.46%	306	INL	120+05	18.1 LT	772.67	TYPE 11	INLET, TY A, 2' DIA
308	SS, CL A, TY II	15	87.0	765.83	765.28	0.63%	307	CB	121+05	18.1 RT	772.25	TYPE 11	CB, TY A, 4' DIA
309	SS, CL A, TY II	12	35.0	767.42	767.26	0.46%	308	INL	121+05	18.1 LT	772.25	TYPE 11	INLET, TY A, 2' DIA
310	SS, CL A, TY II	15	87.0	765.18	764.63	0.63%	309	CB	121+91	18.1 RT	771.89	TYPE 11	CB, TY A, 4' DIA
311	SS, CL A, TY II	12	35.0	767.05	766.89	0.46%	310	INL	121+91	18.1 LT	771.89	TYPE 11	INLET, TY A, 2' DIA
312	SS, CL A, TY II	15	69.0	764.53	764.11	0.61%	311	CB	122+78	18.1 RT	771.52	TYPE 11	CB, TY A, 4' DIA
312A	CULV, CL A, TY I	15	13.0	768.48	768.42	0.40%	312	INL	122+78	18.1 LT	771.52	TYPE 11	INLET, TY A, 2' DIA
313	SS, CL A, TY II	18	17.0	764.17	764.11	0.35%	312A	FES	122+88	31.6 RT	768.48	-	PRECAST REINF. CONC, FES, 15"
313A	SS, CL A, TY II	12	32.0	767.66	765.22	7.62%	312B	FES	123+12	31.7 RT	768.42	-	PRECAST REINF. CONC, FES, 15"
314	SS, CL A, TY II	12	35.0	766.76	766.60	0.46%	313	CB	123+47	31.1 RT	768.22	TYPE 8	CB, TY A, 4' DIA
315	SS, CL A, TY II	24	105.0	764.01	763.83	0.17%	313A	CB	123+67	34.3 RT	770.31	TYPE 11	CB, TY A, 4' DIA
316	SS, CL A, TY II	24	35.0	763.87	763.81	0.17%	314	CB	123+47	18.1 RT	771.23	TYPE 11	CB, TY A, 5' DIA
317	SS, CL A, TY II	24	18.0	764.05	763.97	0.44%	315	INL	123+47	18.1 LT	771.23	TYPE 11	INLET, TY A, 2' DIA
318	SS, CL A, TY II	24	87.0	763.73	763.25	0.55%	316	CB	124+52	18.1 RT	770.79	TYPE 11	CB, TY A, 5' DIA
319	SS, CL A, TY II	12	35.0	765.96	765.80	0.46%	317	CB	124+52	18.1 LT	770.79	TYPE 11	CB, TY A, 4' DIA
320	SS, CL A, TY II	24	98.0	763.15	762.52	0.64%	318	CB	124+52	35.5 LT	767.09	TYPE 8	CB, TY A, 4' DIA
							319	CB	125+39	18.1 RT	770.43	TYPE 11	CB, TY A, 4' DIA
							320	INL	125+39	18.1 LT	770.43	TYPE 11	INLET, TY A, 2' DIA

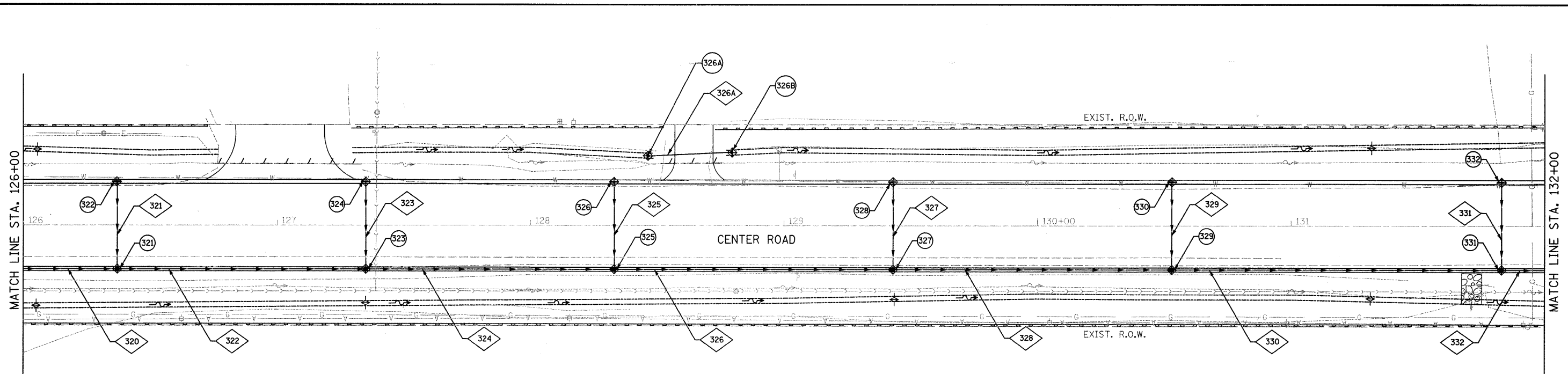
• SEE PREVIOUS SHEET FOR PIPE 304

NOTE:
 RIM ELEVATION AND OFFSET FOR STRUCTURES LOCATED IN CURB LINE ARE MEASURED TO THE BACK AND TOP OF CURB.



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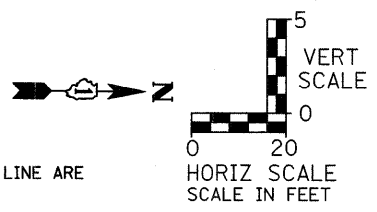


SEWER PIPE SCHEDULE						
STR NO.	PIPE MATERIAL	PIPE SIZE (IN)	PIPE LENGTH (FT)	INVERT ELEVATION (PIPE ONLY)		Slope (%)
				UP	DOWN	
321	SS, CL A, TY II	12	35.0	765.48	765.32	0.46%
322	SS, CL A, TY II	24	98.0	762.42	761.78	0.65%
323	SS, CL A, TY II	12	35.0	764.98	764.82	0.46%
324	SS, CL A, TY II	24	98.0	761.68	761.05	0.64%
325	SS, CL A, TY II	12	35.0	764.49	764.33	0.46%
326	SS, CL A, TY II	24	110.0	760.95	760.23	0.65%
326A	CULV, CL A, TY I	12	22.0	766.38	766.29	0.41%
327	SS, CL A, TY II	12	35.0	763.82	763.66	0.46%
328	SS, CL A, TY II	24	110.0	760.13	759.58	0.50%
329	SS, CL A, TY II	12	35.0	763.00	762.84	0.46%
330	SS, CL A, TY II	24	130.0	759.48	758.92	0.43%
331	SS, CL A, TY II	12	35.0	762.02	761.86	0.46%
332	SS, CL A, TY II	30	41.0	758.82	758.71	0.26%

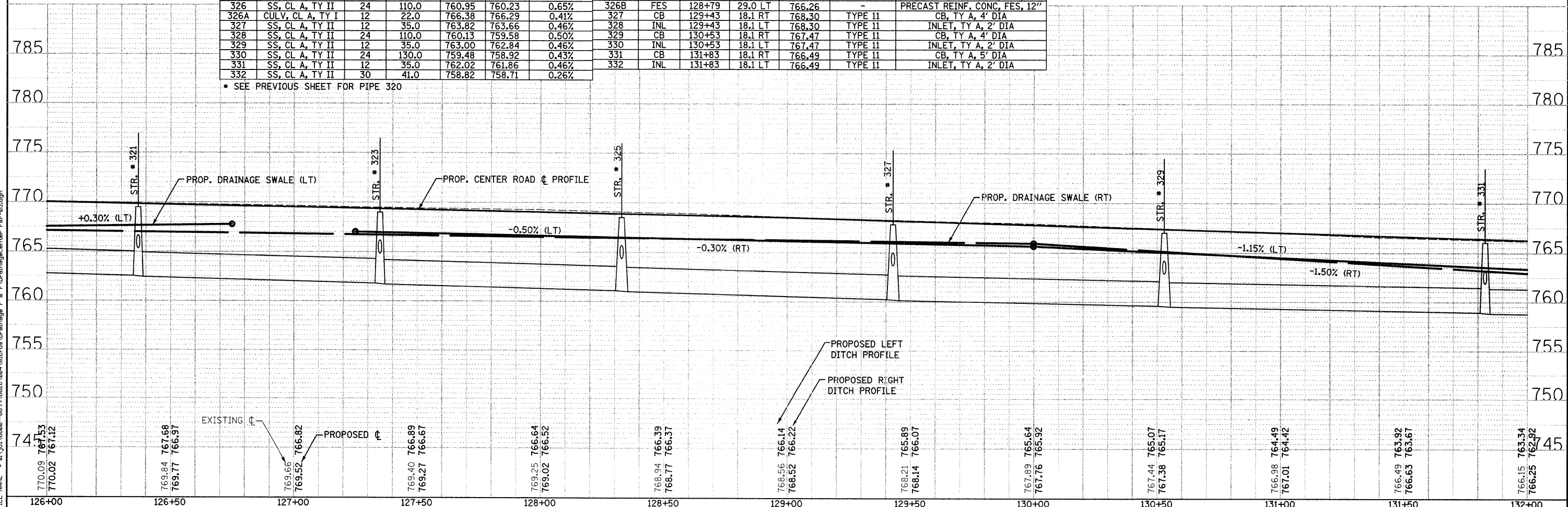
DRAINAGE STRUCTURE SCHEDULE						
STR NO.	STR TY	STATION	OFFSET	RIM EL.	CASTING TYPE	TYPE OF WORK TO BE COMPLETED
321	CB	126+37	18.1 RT	769.95	TYPE II	CB, TY A, 4' DIA
322	INL	126+37	18.1 LT	769.95	TYPE II	INLET, TY A, 2' DIA
323	CB	127+35	18.1 RT	769.46	TYPE II	CB, TY A, 4' DIA
324	INL	127+35	18.1 LT	769.46	TYPE II	INLET, TY A, 2' DIA
325	CB	128+33	18.1 RT	768.97	TYPE II	CB, TY A, 4' DIA
326	INL	128+33	18.1 LT	768.97	TYPE II	INLET, TY A, 2' DIA
326A	FES	128+46	27.7 LT	766.40	-	PRECAST REINF. CONC, FES, 12"
326B	FES	128+79	29.0 LT	766.26	-	PRECAST REINF. CONC, FES, 12"
327	CB	129+43	18.1 RT	768.30	TYPE II	CB, TY A, 4' DIA
328	INL	129+43	18.1 LT	768.30	TYPE II	INLET, TY A, 2' DIA
329	CB	130+53	18.1 RT	767.47	TYPE II	CB, TY A, 4' DIA
330	INL	130+53	18.1 LT	767.47	TYPE II	INLET, TY A, 2' DIA
331	CB	131+83	18.1 RT	766.49	TYPE II	CB, TY A, 5' DIA
332	INL	131+83	18.1 LT	766.49	TYPE II	INLET, TY A, 2' DIA

* SEE PREVIOUS SHEET FOR PIPE 320

- ◇ PIPE NUMBER
- STRUCTURE NUMBER



NOTE:
RIM ELEVATION AND OFFSET FOR STRUCTURES LOCATED IN CURB LINE ARE MEASURED TO THE BACK AND TOP OF CURB.



STRAND ASSOCIATES, INC.
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = edamm
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

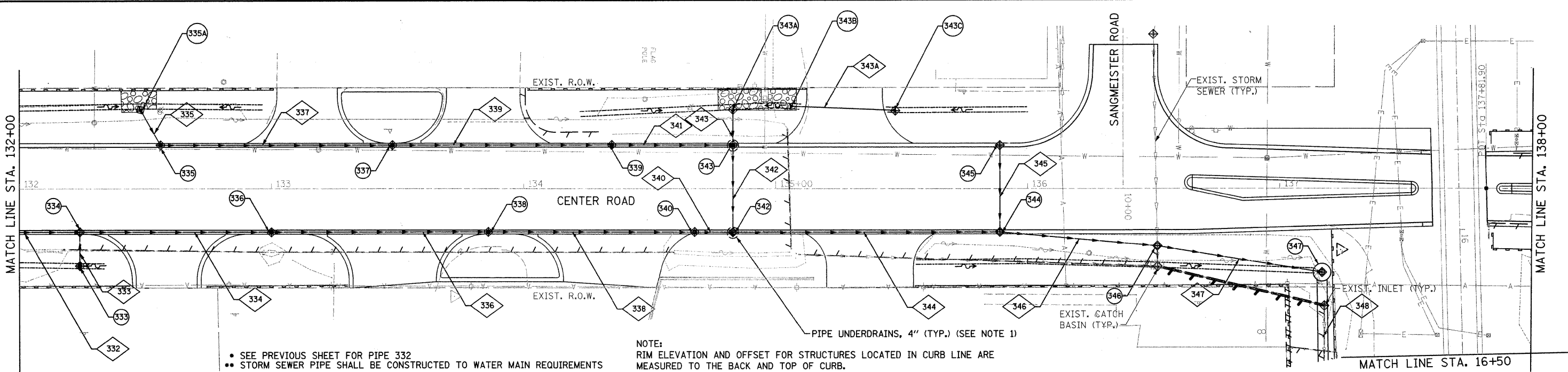
CENTER ROAD DRAINAGE AND UTILITY PLAN AND PROFILE

F.A.U. RTE. 3759	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 49
CONTRACT NO. 63248			ILLINOIS FED. AID PROJECT	

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

DATE PLOTTED: 11/11/11
 PLOTTED BY: J. GARDNER
 CHECKED BY: J. GARDNER
 NO. OF SHEETS: 50
 SHEET NO.: 50
 FILE NAME: \\p1\6600-6699\6628\08A\micro\Drainage P & U\DrainageCenter P&U.dgn

DATE PLOTTED: 11/11/11
 PLOTTED BY: J. GARDNER
 CHECKED BY: J. GARDNER
 NO. OF SHEETS: 50
 SHEET NO.: 50
 FILE NAME: \\p1\6600-6699\6628\08A\micro\Drainage P & U\DrainageCenter P&U.dgn



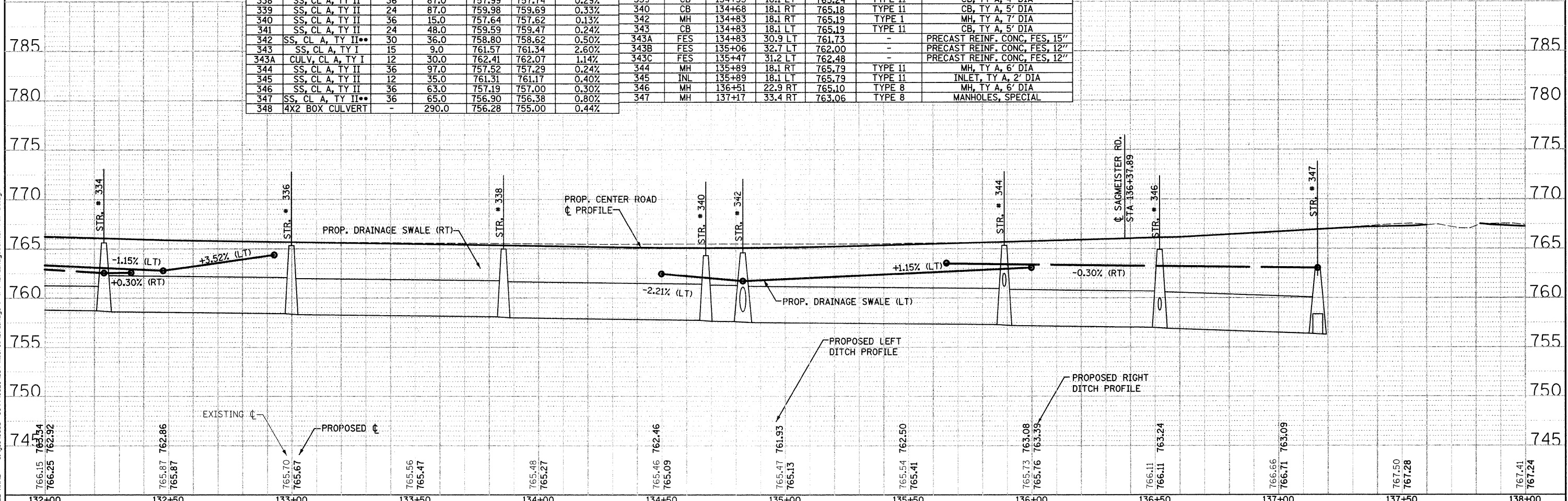
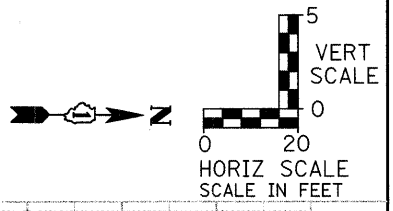
- SEE PREVIOUS SHEET FOR PIPE 332
- STORM SEWER PIPE SHALL BE CONSTRUCTED TO WATER MAIN REQUIREMENTS

NOTE:
 RIM ELEVATION AND OFFSET FOR STRUCTURES LOCATED IN CURB LINE ARE MEASURED TO THE BACK AND TOP OF CURB.

SEWER PIPE SCHEDULE						
STR NO.	PIPE MATERIAL	PIPE SIZE (IN)	PIPE LENGTH (FT)	INVERT ELEVATION (PIPE ONLY)		Slope (%)
				UP	DOWN	
333	SS, CL A, TY II	18	14.0	758.79	758.74	0.35%
334	SS, CL A, TY II	36	76.0	758.61	758.41	0.26%
335	SS, CL A, TY I	18	10.0	762.58	762.23	3.50%
336	SS, CL A, TY II	36	81.0	758.31	758.09	0.27%
337	SS, CL A, TY II	24	92.0	760.49	760.08	0.45%
338	SS, CL A, TY II	36	87.0	757.99	757.74	0.29%
339	SS, CL A, TY II	24	87.0	759.98	759.69	0.33%
340	SS, CL A, TY II	36	15.0	757.64	757.62	0.13%
341	SS, CL A, TY II	24	48.0	759.59	759.47	0.24%
342	SS, CL A, TY II**	30	36.0	758.80	758.62	0.50%
343	SS, CL A, TY I	15	9.0	761.57	761.34	2.60%
343A	CULV, CL A, TY I	12	30.0	762.41	762.07	1.14%
344	SS, CL A, TY II	36	97.0	757.52	757.29	0.24%
345	SS, CL A, TY II	12	35.0	761.31	761.17	0.40%
346	SS, CL A, TY II	36	63.0	757.19	757.00	0.30%
347	SS, CL A, TY II**	36	65.0	756.90	756.38	0.80%
348	4X2 BOX CULVERT	-	290.0	756.28	755.00	0.44%

DRAINAGE STRUCTURE SCHEDULE						
STR NO.	STR TY	STATION	OFFSET	RIM EL.	CASTING TYPE	TYPE OF WORK TO BE COMPLETED
333	CB	132+24	30.8 RT	762.56	TYPE 8	CB, TY A, 4' DIA
334	MH	132+24	18.1 RT	766.18	TYPE 11	MH, TY A, 6' DIA
335	CB	132+56	18.1 LT	765.96	TYPE 11	CB, TY A, 4' DIA
335A	FES	132+48	30.9 LT	762.79	-	PRECAST REINF. CONC, FES, 18"
336	CB	133+00	18.1 RT	765.78	TYPE 11	CB, TY A, 5' DIA
337	CB	133+48	18.1 LT	765.59	TYPE 11	CB, TY A, 4' DIA
338	CB	133+86	18.1 RT	765.44	TYPE 11	CB, TY A, 5' DIA
339	CB	134+35	18.1 LT	765.24	TYPE 11	CB, TY A, 4' DIA
340	CB	134+68	18.1 RT	765.18	TYPE 11	CB, TY A, 5' DIA
342	MH	134+83	18.1 RT	765.19	TYPE 1	MH, TY A, 7' DIA
343	CB	134+83	18.1 LT	765.19	TYPE 11	CB, TY A, 5' DIA
343A	FES	134+83	30.9 LT	761.73	-	PRECAST REINF. CONC, FES, 15"
343B	FES	135+06	32.7 LT	762.00	-	PRECAST REINF. CONC, FES, 12"
343C	FES	135+47	31.2 LT	762.48	-	PRECAST REINF. CONC, FES, 12"
344	MH	135+89	18.1 RT	765.79	TYPE 11	MH, TY A, 6' DIA
345	INL	135+89	18.1 LT	765.79	TYPE 11	INLET, TY A, 2' DIA
346	MH	136+51	22.9 RT	765.10	TYPE 8	MH, TY A, 6' DIA
347	MH	137+17	33.4 RT	763.06	TYPE 8	MANHOLES, SPECIAL

NOTES:
 1. SAG POINT AT 134+83, SEE UNDERDRAIN DETAIL



132+00	132+50	133+00	133+50	134+00	134+50	135+00	135+50	136+00	136+50	137+00	137+50	138+00
766.15 763.34 766.25 762.92	765.87 765.87	765.70 765.67	765.56 765.47	765.48 765.27	765.46 765.09	765.47 765.13	765.54 765.41	765.73 763.08 765.76 763.39	766.11 766.11	766.66 766.71 763.09	767.50 767.28	767.41 767.24

1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200
STRAND ASSOCIATES ENGINEERS

USER NAME = odamm
 DESIGNED -
 CHECKED -
 PLOT SCALE = 20.0000' / IN.
 PLOT DATE = 9/31/2018

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

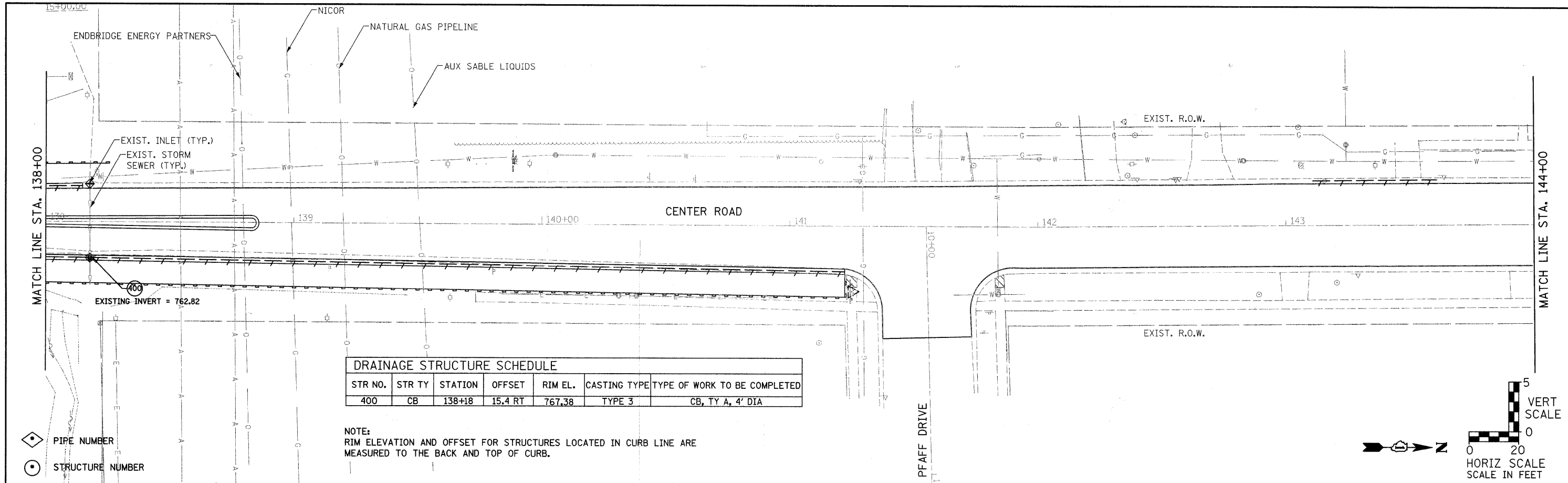
CENTER ROAD DRAINAGE AND UTILITY PLAN AND PROFILE

F.A.U. RTE. 3759	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 50
CONTRACT NO. 63248				

SCALE: AS SHOWN | SHEET NO. OF SHEETS | STA. TO STA. | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT

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 NO. FILE NAME

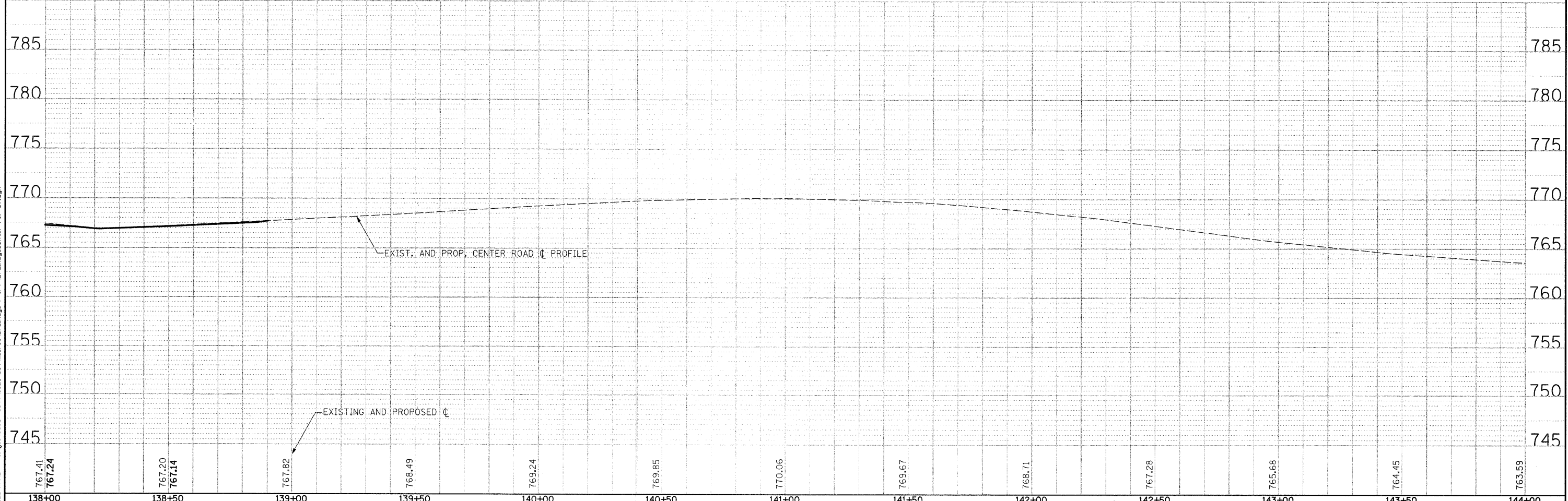
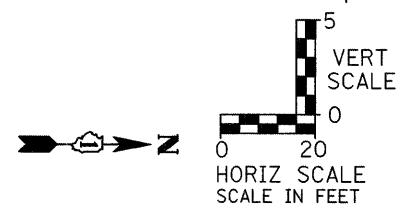
SURVEYED
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 NO. OF MAY CHECKED
 NO. FILE NAME
 STRAND
 1170 SOUTH HOUBOLT ROAD
 JULIET, ILLINOIS 60431
 (815) 744-4200



DRAINAGE STRUCTURE SCHEDULE						
STR NO.	STR TY	STATION	OFFSET	RIM EL.	CASTING TYPE	TYPE OF WORK TO BE COMPLETED
400	CB	138+18	15.4 RT	767.38	TYPE 3	CB, TY A, 4' DIA

NOTE:
RIM ELEVATION AND OFFSET FOR STRUCTURES LOCATED IN CURB LINE ARE MEASURED TO THE BACK AND TOP OF CURB.

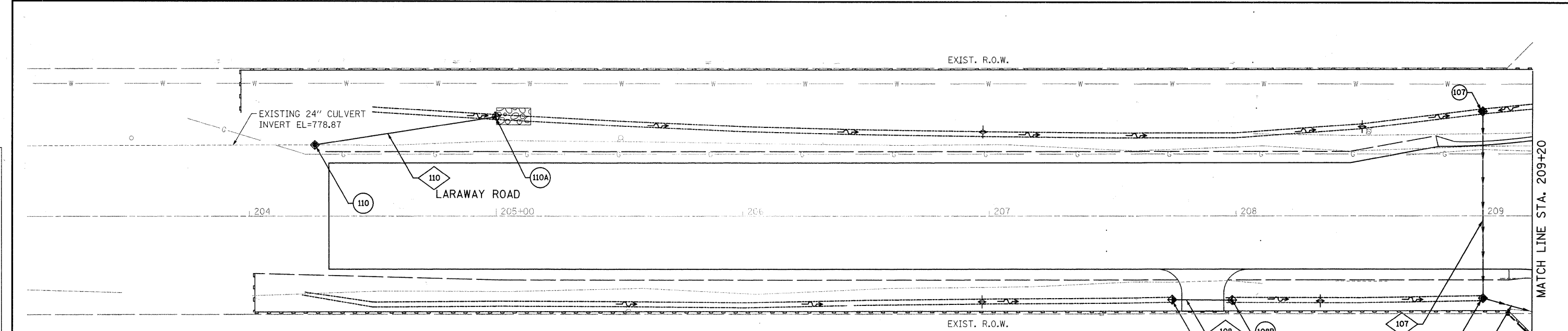
- ◇ PIPE NUMBER
- STRUCTURE NUMBER



138+00	138+50	139+00	139+50	140+00	140+50	141+00	141+50	142+00	142+50	143+00	143+50	144+00
USER NAME = edamm DESIGNED - CHECKED - DRAWN - CHECKED -			REVISED - REVISED - REVISED - REVISED -			STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			CENTER ROAD DRAINAGE AND UTILITY PLAN AND PROFILE			F.A.U. RTE. 3759 SECTION 04-00038-00-WR COUNTY WILL CONTRACT NO. 63248
PLOT SCALE = 20.0000' / IN. PLOT DATE = 3/31/2018						SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

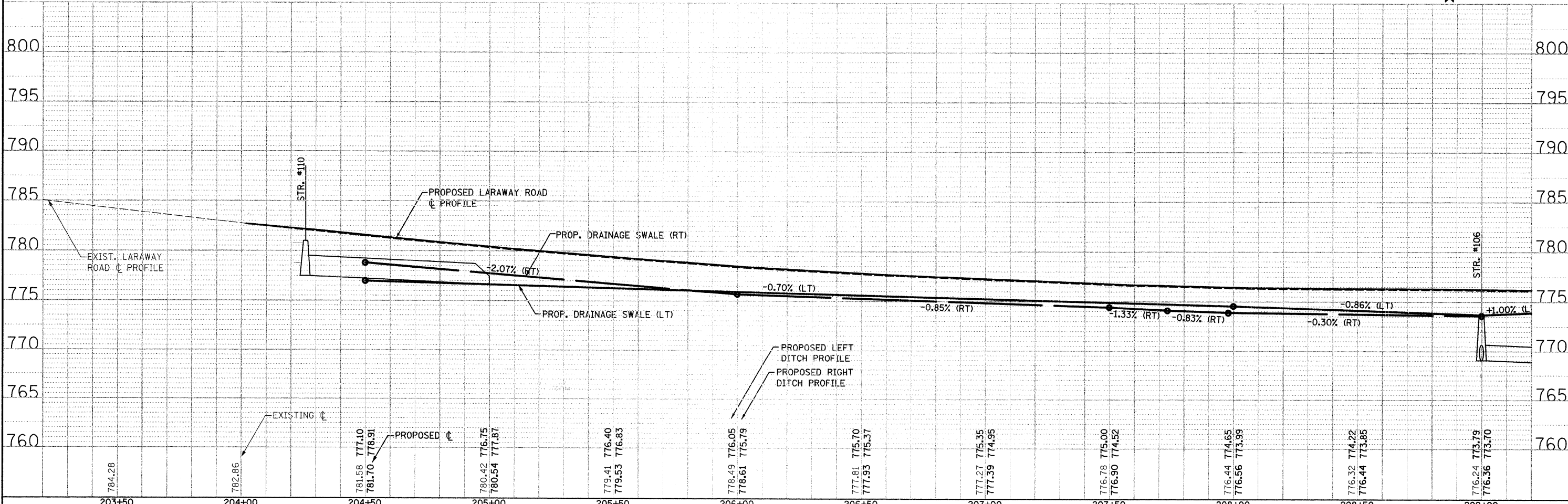
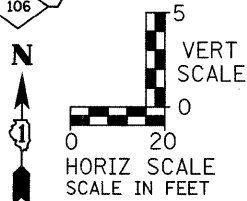
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 2 03/11/2012 RT. OF WAY CHECKED
 3 03/11/2012 PLOTTING FILE NAME

PROVIDED
 GRADES CHECKED
 B.M. NOTED
 STRUCTURE NOTATIONS OK'D
 NO. DATE DESCRIPTION
 1 03/11/2012 PLOTTING FILE NAME



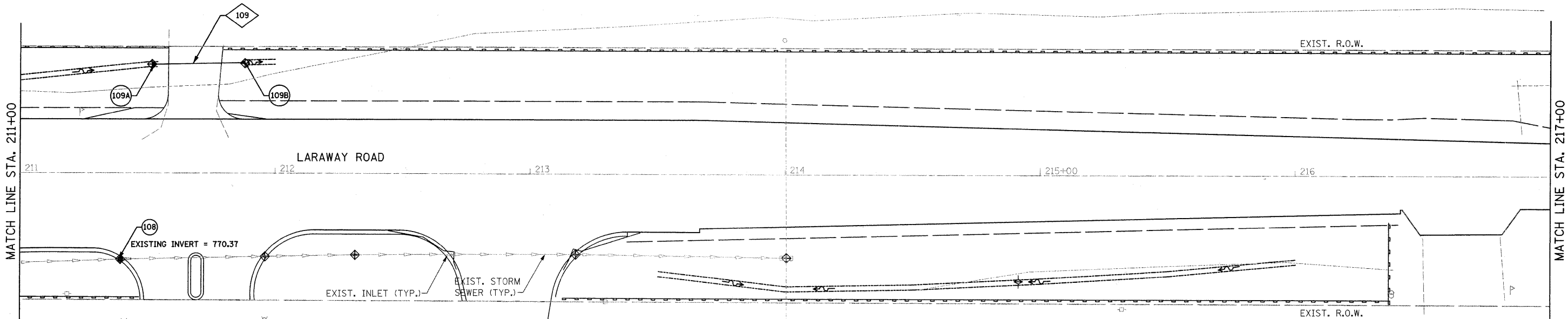
SEWER PIPE SCHEDULE							DRAINAGE STRUCTURE SCHEDULE						
STR NO.	PIPE MATERIAL	PIPE SIZE (IN)	PIPE LENGTH (FT)	INVERT ELEVATION		Slope (%)	STR NO.	STR TY	STATION	OFFSET	RIM EL.	CASTING TYPE	TYPE OF WORK TO BE COMPLETED
				UP	DOWN								
106	SS, CL A, TY II	15	64.0	769.28	768.80	0.75%	106	CB	209+00	33.6 RT	773.70	TYPE 8	CB, TY A, 4' DIA
107	SS, CL A, TY II	15	76.0	769.63	769.38	0.33%	107	CB	209+00	42.4 LT	773.79	TYPE 8	CB, TY A, 4' DIA
108	CULV, CL A, TY I	12	12.0	774.15	774.05	0.83%	108A	FES	207+75	34.1 RT	774.20	-	PRECAST REINF. CONC, FES, 12"
110	CULV, CL A, TY I	24	74.0	777.61	776.82	1.07%	108B	FES	207+98	34.3 RT	774.00	-	PRECAST REINF. CONC, FES, 12"
							110	MH	204+26	28.8 LT	781.10	TYPE 1	MH, TY A, 5' DIA
							110A	FES	205+00	40.3 LT	776.75	-	PRECAST REINF. CONC, FES, 24"

NOTE:
 RIM ELEVATION AND OFFSET FOR STRUCTURES LOCATED IN CURB LINE ARE MEASURED TO THE BACK AND TOP OF CURB.



 1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = raymondk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LARAWAY ROAD DRAINAGE AND UTILITY PLAN AND PROFILE			F.A.U. RTE. 3759	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 52
	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -		SCALE AS SHOWN	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	CONTRACT NO. 63248				
	PLOT DATE = 3/31/2012	DRAWN -	REVISED -									
		CHECKED -	REVISED -									

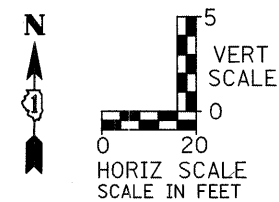
SURVEYED
 ALIGNED
 PLANNED
 NOTE BOOK
 NO. _____
 RT. OF WAY CHECKED
 RT. OF WAY CHECKED
 CAD FILE NAME
 NO. _____



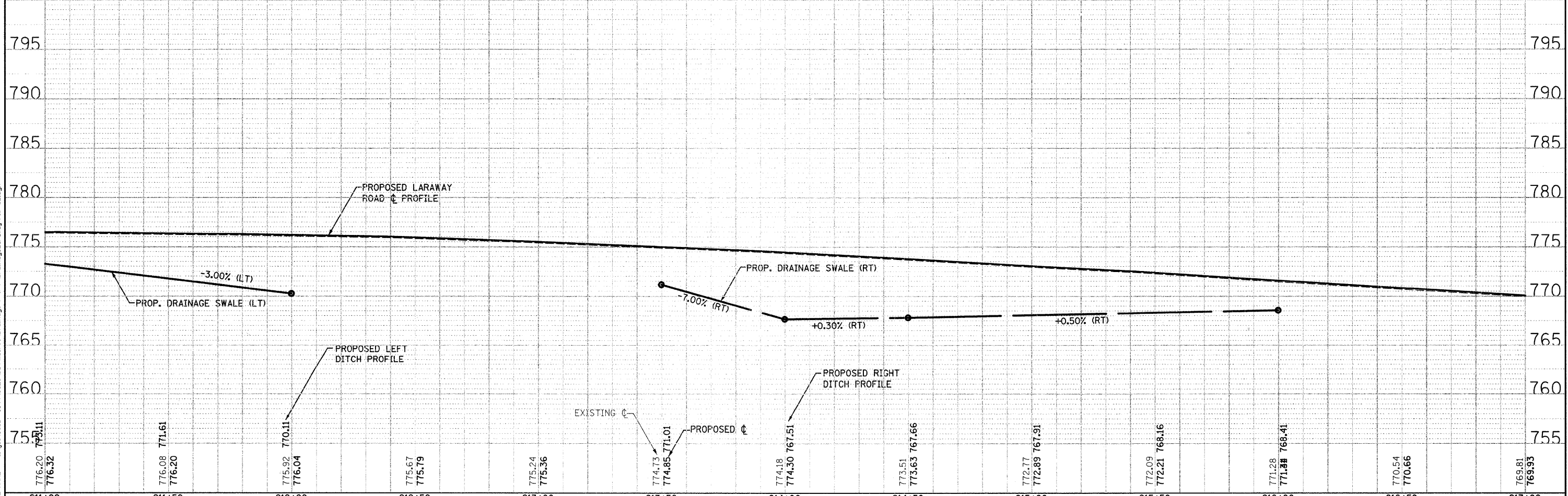
SEWER PIPE SCHEDULE						
STR NO.	PIPE MATERIAL	PIPE SIZE (IN)	PIPE LENGTH (FT)	INVERT ELEVATION (PIPE ONLY)		Slope (%)
				UP	DOWN	
109	CULV, CL A, TY I	12	24.0	771.35	770.79	2.33%

DRAINAGE STRUCTURE SCHEDULE						
STR NO.	STR TY	STATION	OFFSET	RIM EL.	CASTING TYPE	TYPE OF WORK TO BE COMPLETED
108	CB	211+39	34.5 RT	776.21	TYPE 11	CB, TY A, 4' DIA
109A	FES	211+52	43.0 LT	771.49	-	PRECAST REINF. CONC, FES, 12"
109B	FES	211+87	43.7 LT	770.65	-	PRECAST REINF. CONC, FES, 12"

NOTE:
 RIM ELEVATION AND OFFSET FOR STRUCTURES LOCATED IN CURB LINE ARE MEASURED TO THE BACK AND TOP OF CURB.



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 STRUCTURE NOTATIONS CHRD
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211+00	211+50	212+00	212+50	213+00	213+50	214+00	214+50	215+00	215+50	216+00	216+50	217+00
776.20 776.32	776.08 776.20	775.92 776.04	775.67 775.79	775.24 775.36	774.73 774.85 771.01	774.18 774.30 767.51	773.51 773.63 767.66	772.77 772.89 767.91	772.09 772.21 768.16	771.28 771.38 768.41	770.54 770.66	769.81 769.93

1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200
STRAND ASSOCIATES, INC.
 ENGINEERS

USER NAME = adamm	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -
PLOT DATE = 3/21/22	DRAWN -	REVISED -
	CHECKED -	REVISED -

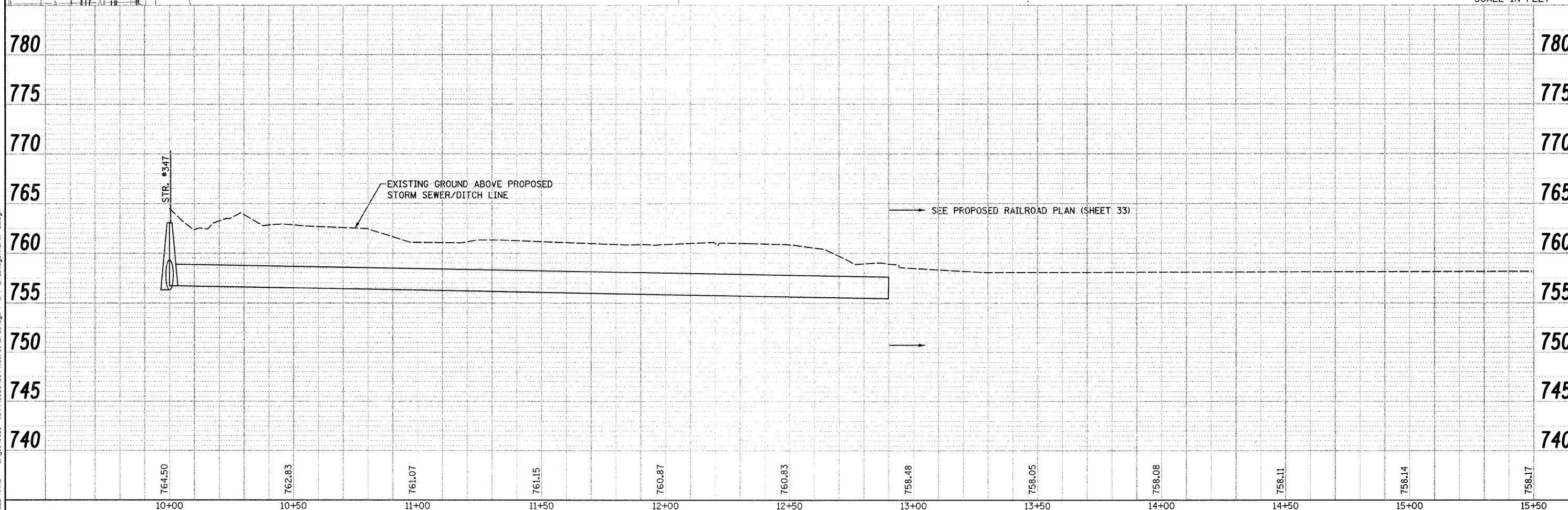
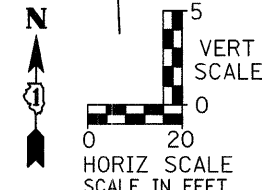
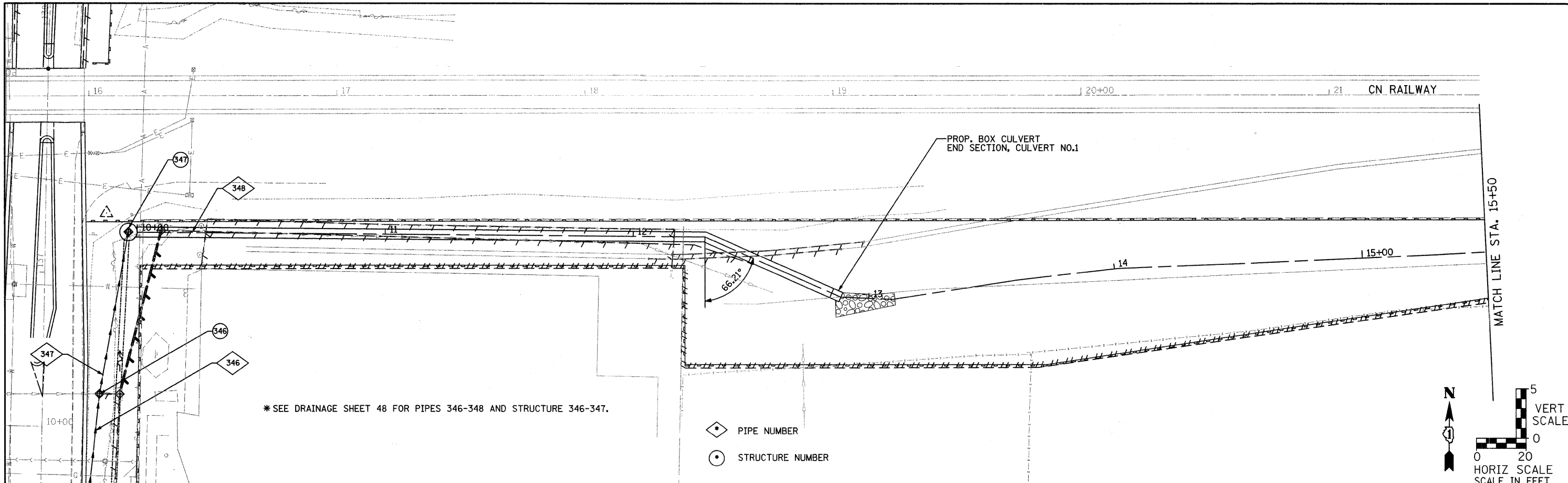
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LARAWAY ROAD DRAINAGE AND UTILITY PLAN AND PROFILE
 SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 3759	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 53
CONTRACT NO. 63248				

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 NOTE BOOK NO. _____
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STRAND ASSOCIATES, INC.
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

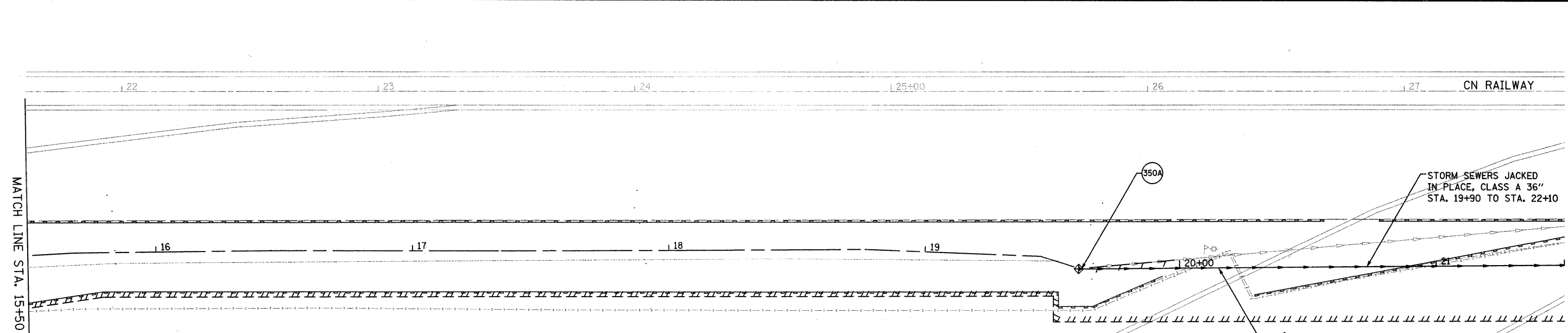
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PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -
PLOT DATE = 3/31/2018	DRAWN -	REVISED -
	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN AND PROFILE
 SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 3759	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 54
CONTRACT NO. 63248				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

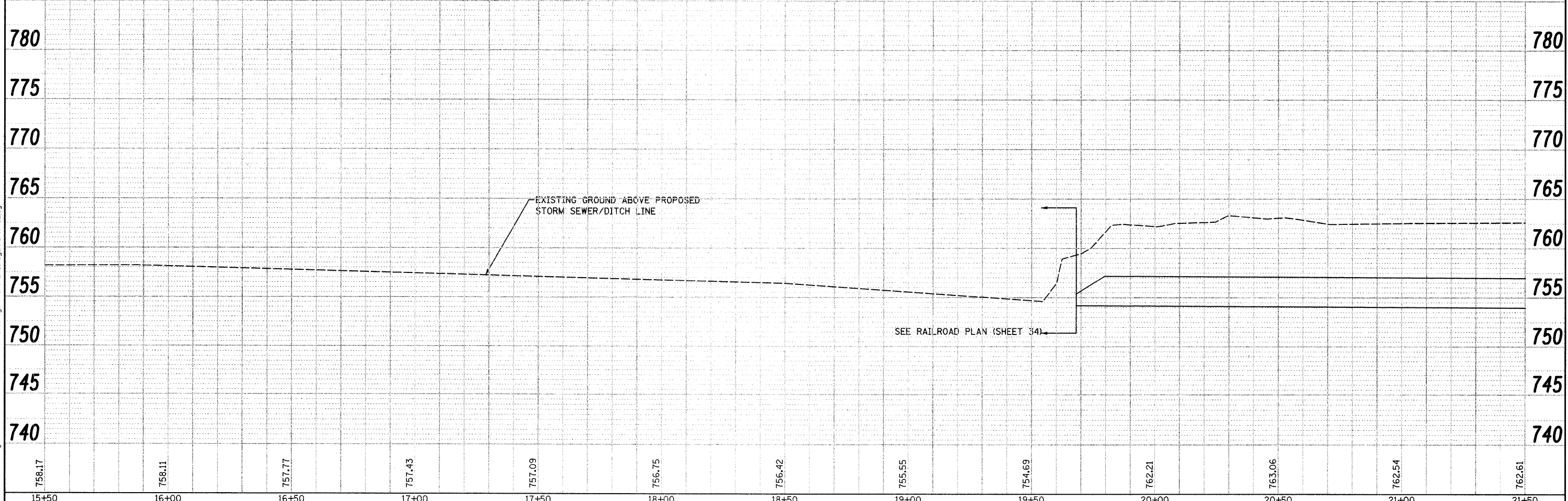
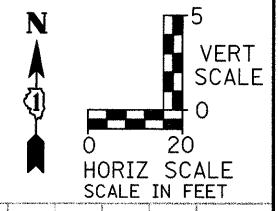
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 PLOTTED
 CHECKED
 RT. OF WAY CHECKED
 NO. CAD FILE NAME



SEWER PIPE SCHEDULE						
STR NO.	PIPE MATERIAL	PIPE SIZE (IN)	PIPE LENGTH (FT)	INVERT ELEVATION (PIPE ONLY)		Slope (%)
				UP	DOWN	
350	SS, CL A, TY II	36	312.0	754.18	753.81	0.12%

DRAINAGE STRUCTURE SCHEDULE						
STR NO.	STR TY	STATION	OFFSET	RIM EL.	CASTING TYPE	TYPE OF WORK TO BE COMPLETED
350A	FES	19+62	0 RT	754.19	-	PRECAST REINF. CONC, FES, 36"

- ◇ PIPE NUMBER
- STRUCTURE NUMBER

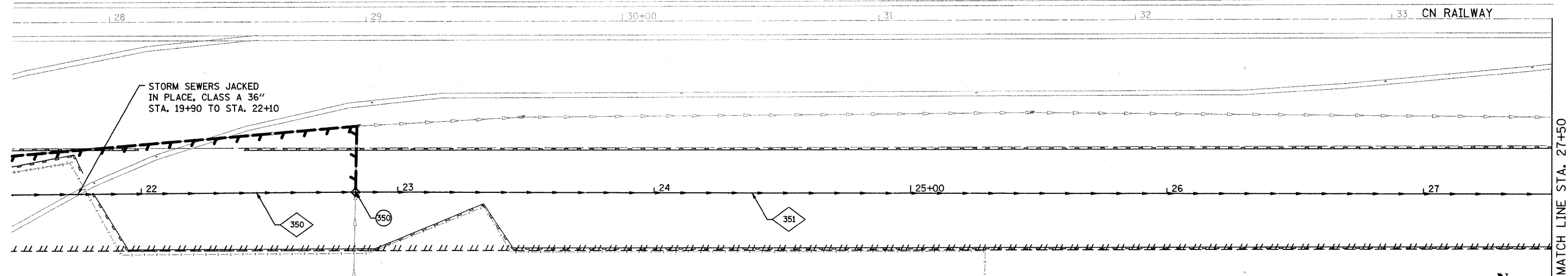


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 CHECKED
 RT. OF WAY CHECKED
 NO. CAD FILE NAME

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 CHECKED
 RT. OF WAY CHECKED
 NO. _____
 CAD FILE NAME

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 PLOTTED
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 RT. OF WAY CHECKED
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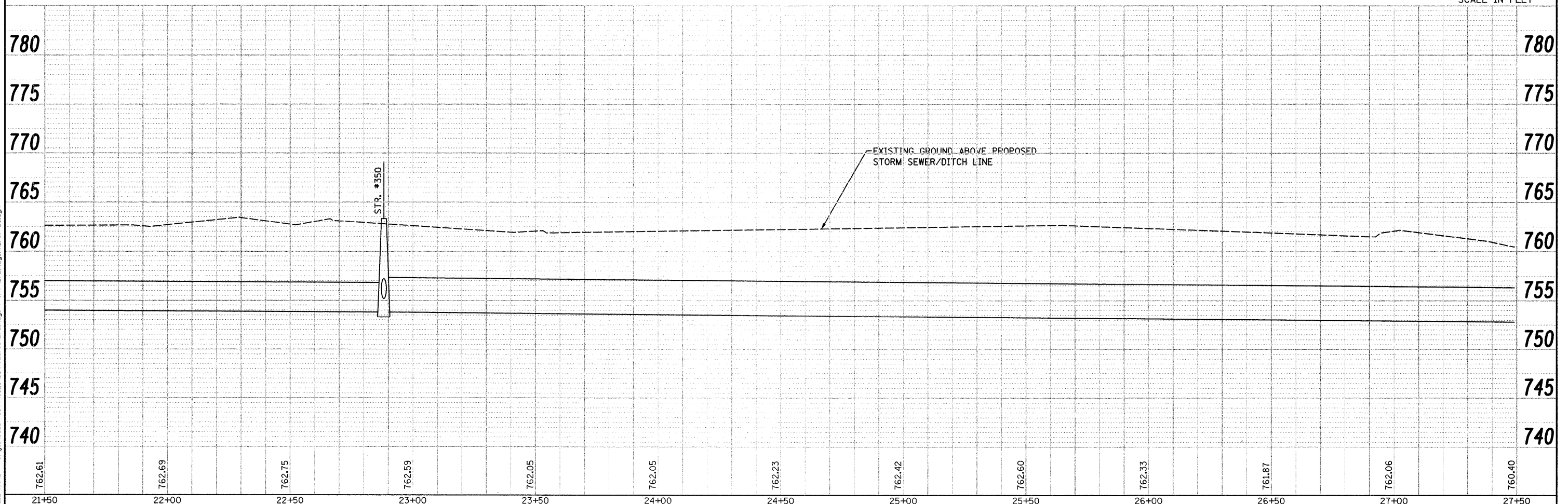
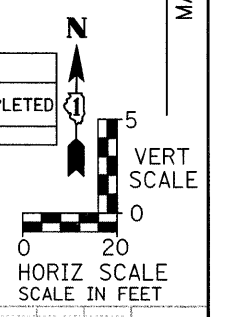


SEWER PIPE SCHEDULE						
STR NO.	PIPE MATERIAL	PIPE SIZE (IN)	PIPE LENGTH (FT)	INVERT ELEVATION (PIPE ONLY)		Slope (%)
				UP	DOWN	
351	SS, CL A, TY II	42	500.0	753.31	752.78	0.11%

DRAINAGE STRUCTURE SCHEDULE						
STR NO.	STR TY	STATION	OFFSET	RIM EL.	CASTING TYPE	TYPE OF WORK TO BE COMPLETED
350	MH	22+83.5	0 RT	763.32	TYPE 8	MH, TY A, 5' DIA

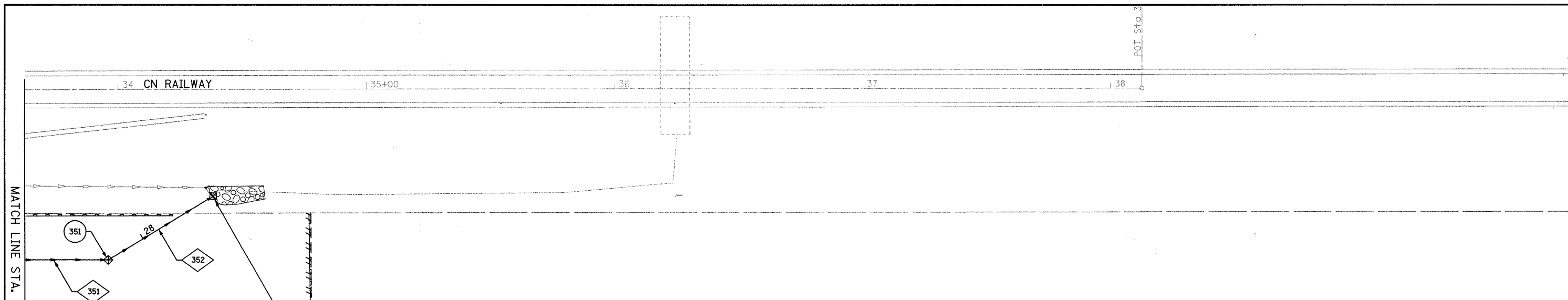
- ◆ PIPE NUMBER
- STRUCTURE NUMBER

*SEE PREVIOUS SHEET FOR PIPE 350.



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 NO. _____
 FILE NAME

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 STRUCTURE NOTATIONS OK'D
 NO. _____
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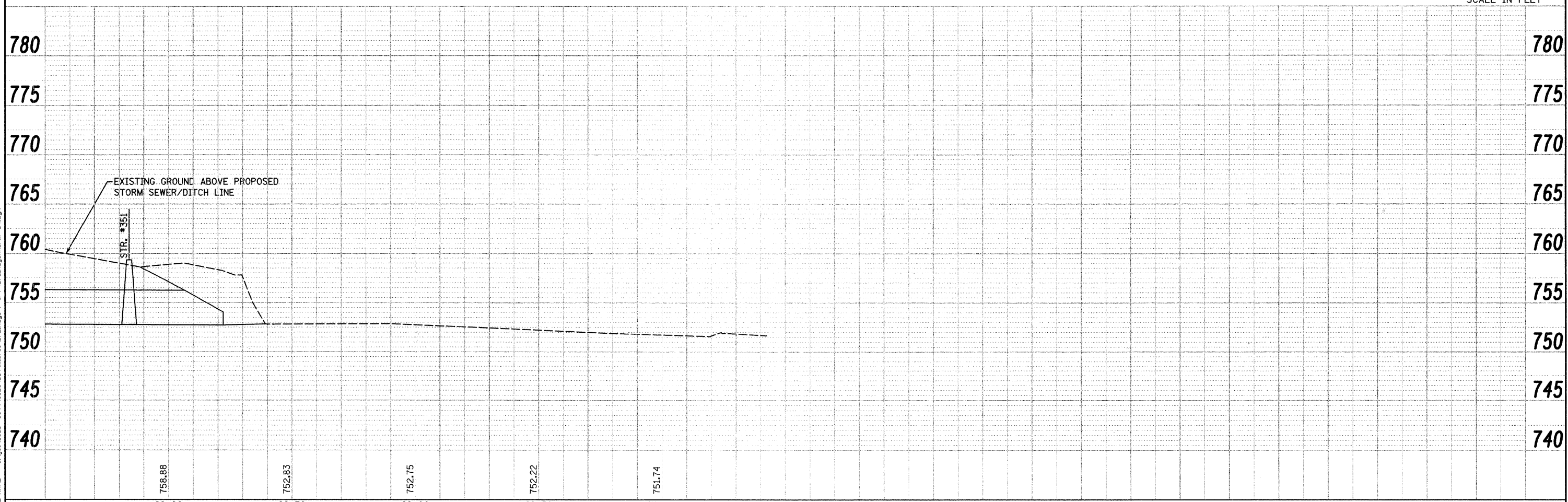
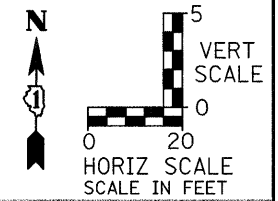


SEWER PIPE SCHEDULE						
STR NO.	PIPE MATERIAL	PIPE SIZE (IN)	PIPE LENGTH (FT)	INVERT ELEVATION (PIPE ONLY)		Slope (%)
				UP	DOWN	
352	SS, CL A, TY II	42	44.0	752.77	752.73	0.10%

DRAINAGE STRUCTURE SCHEDULE						
STR NO.	STR TY	STATION	OFFSET	RIM EL.	CASTING TYPE	TYPE OF WORK TO BE COMPLETED
351	MH	27+83.5	0 RT	760.64	TYPE 8	MH, TY A, 6' DIA
352A	FES	28+33	0 RT	752.78	-	PRECAST REINF. CONC, FES, 42"

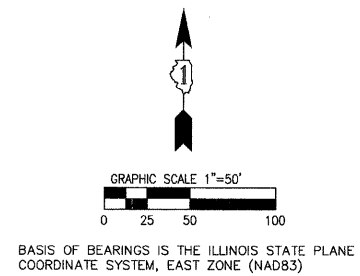
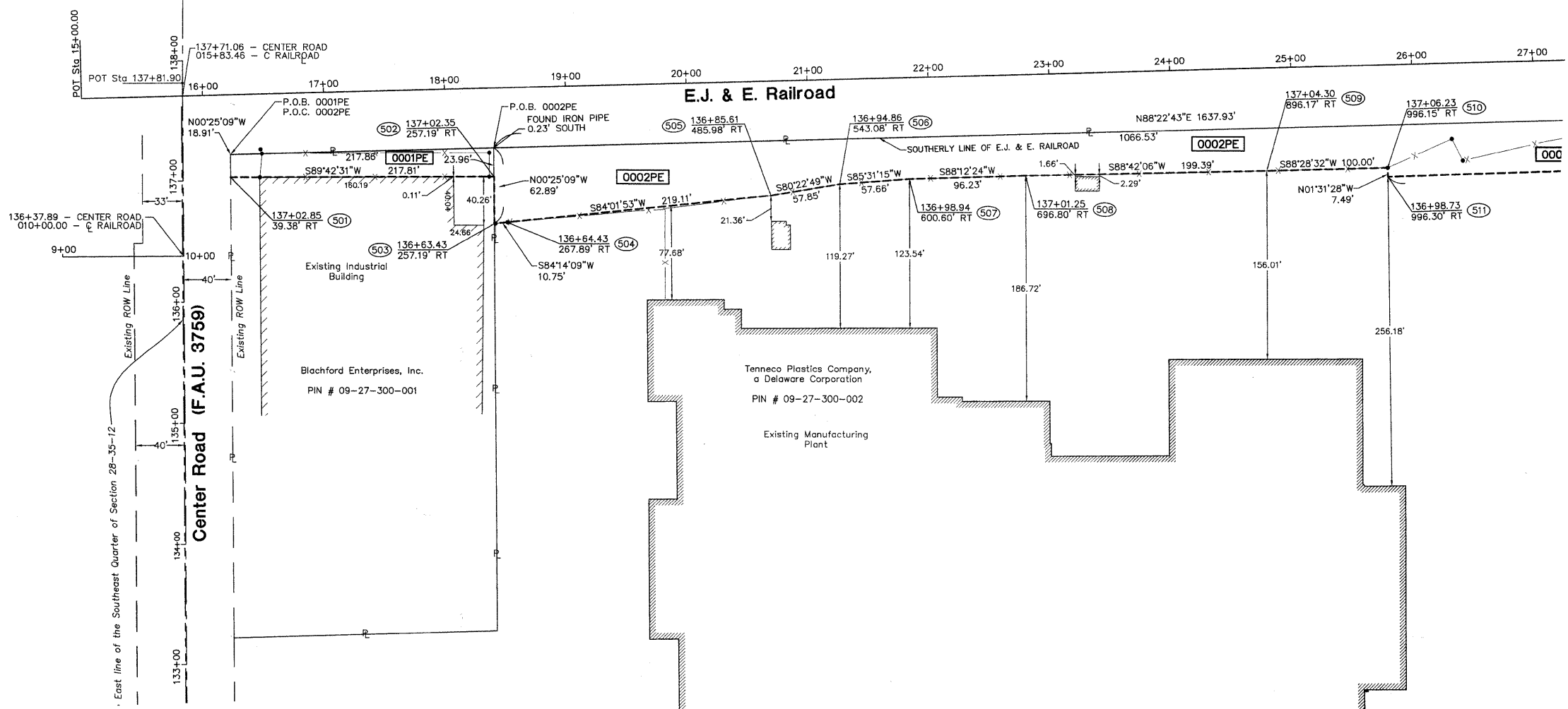
*SEE PREVIOUS SHEET FOR PIPE 351.

- ◆ PIPE NUMBER
- STRUCTURE NUMBER

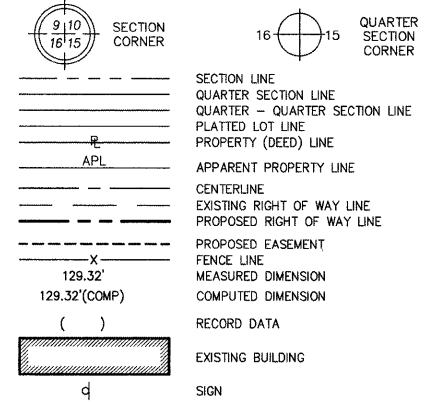


PART OF THE SW 1/4 OF SEC. 27, TOWNSHIP 35 NORTH, RANGE 12 EAST OF THE THIRD P. M., WILL COUNTY, ILLINOIS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	58
STA.	TO			
FED. ROAD DIST. 1	ILLINOIS	FED. AID PROJECT		



SYMBOL LEGEND



- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE.
- T3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.
- BT2 BURIED 5/8" IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

Node ID	Northing	Easting
501	1757836.54	1117149.20
502	1757837.65	1117367.00
503	1757800.34	1117368.97
504	1757799.80	1117377.98
505	1757822.58	1117595.91
506	1757832.25	1117652.94
507	1757836.75	1117710.42
508	1757839.76	1117806.61
509	1757844.28	1118005.95
510	1757846.94	1118105.91
511	1757839.45	1118106.11
512	1757850.86	1118433.37
513	1757852.64	1118484.32
514	1757867.93	1119005.23
515	1757907.95	1119004.10
516	1755092.82	1117039.04
517	1755043.12	1117089.40

PARCEL NO.	OWNER	TOTAL HOLDINGS	PART TAKEN	REMAINDER	PREVIOUS DEDICATION	EASEMENT	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
		ACRES	ACRES	ACRES	ACRES	ACRES			
0001PE	Blachford Enterprises, Inc.	2.0±	N/A	2.0±	N/A	0.107	Drainage	09-27-300-001	
0002PE	Tenneco Plastics Company, a Delaware Corporation	84.67±	N/A	84.67±	N/A	1.549	Drainage	09-27-300-002 09-27-300-026	
0003DED	Odyssey Holdings, Ltd. Meadows Market Two, LLC Cress Incorporated	5.00±	0.029	4.971±	N/A	N/A	R.O.W.	09-33-200-026	IDOT

*PREVIOUS DEDICATION OR THAT PART USED FOR ROADWAY PURPOSES

SURVEYOR'S CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF WILL) (SS

THIS IS TO CERTIFY THAT I, DOUGLAS R. MCCLINTIC, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON WITHIN SECTION 27, TOWNSHIP 35 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, ILLINOIS. THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF. THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY. THAT ALL MONUMENTS ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

Dated this _____ day of _____, 2010.

Jacob and Hefner Associates, Inc.
Douglas R. McClintic
Illinois Professional Land Surveyor No. 35-2992



JACOB & HEFNER ASSOCIATES, INC.
ENGINEERS - SURVEYORS
1901 S. Meyers Road, Suite 350
Oakbrook Terrace, IL 60181
(630) 852-4800 FAX (630) 852-4801
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-003073 EXP. 4/30/11

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 3759 (CENTER ROAD)

SECTION: 04-00038-00-WR WILL COUNTY
PROJECT: M-8003 (488) JOB NO. R-55-001-97
STATION: 133+00.00 to 137+81.90
SCALE: 1 : 50 SHEET 2 OF 4

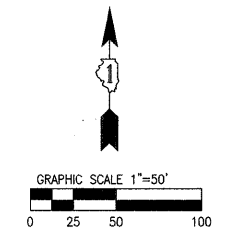
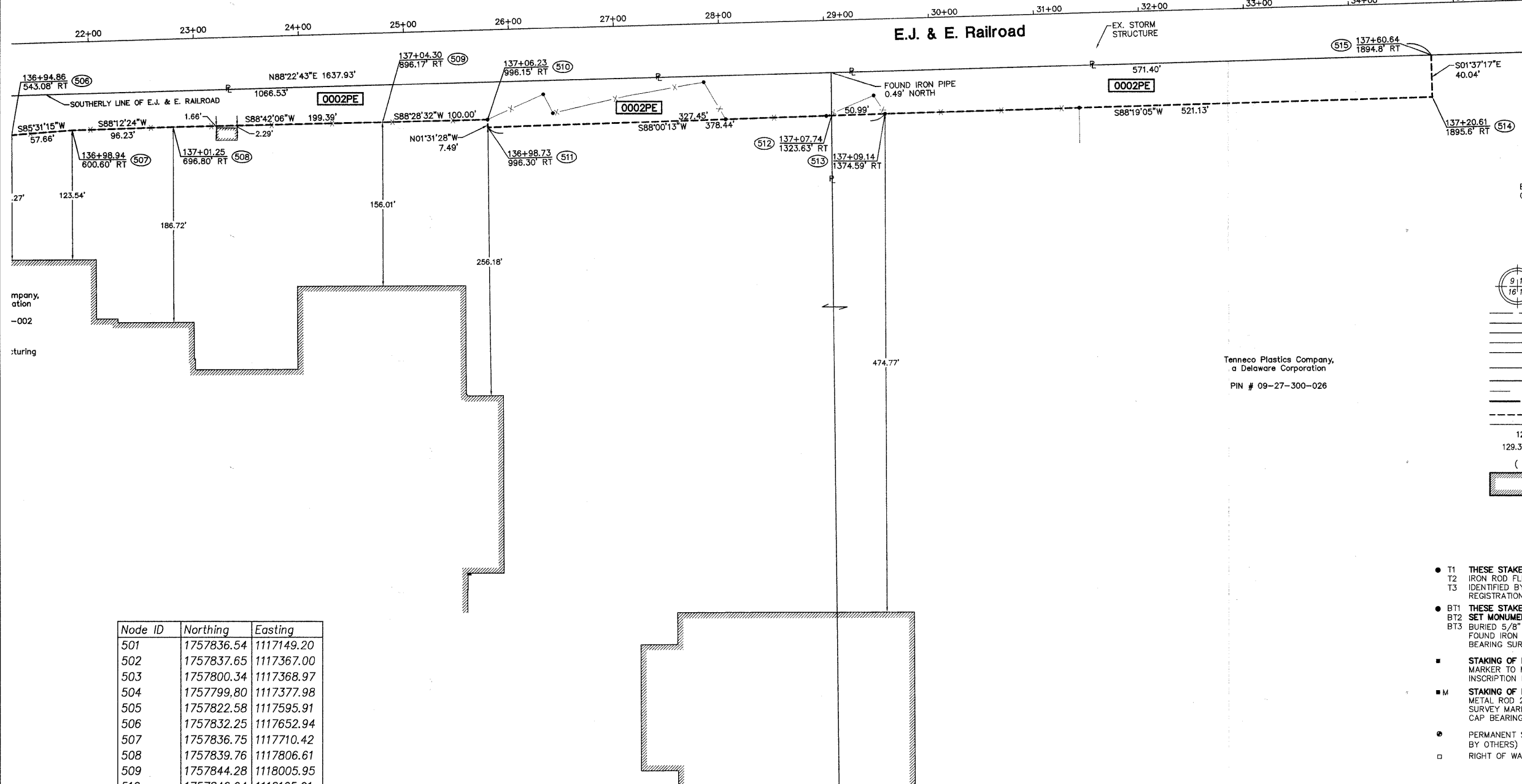
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS

H:\E\2259\From Job\1\Road\PLAT OF HIGHWAYS\2258 Plat of Highway Plat Book.dwg

PART OF THE SW 1/4 OF SEC. 27, TOWNSHIP 35 NORTH, RANGE 12 EAST OF THE THIRD P. M., WILL COUNTY, ILLINOIS

CONTRACT NO. 63248

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	59
STA.	TO			
FED. ROAD DIST. 1	ILLINOIS		FED. AID PROJECT	



BASIS OF BEARINGS IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE (NAD83)

SYMBOL LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER - QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- FENCE LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING
- SIGN

Tenneco Plastics Company, a Delaware Corporation
PIN # 09-27-300-026

Node ID	Northing	Easting
501	1757836.54	1117149.20
502	1757837.65	1117367.00
503	1757800.34	1117368.97
504	1757799.80	1117377.98
505	1757822.58	1117595.91
506	1757832.25	1117652.94
507	1757836.75	1117710.42
508	1757839.76	1117806.61
509	1757844.28	1118005.95
510	1757846.94	1118105.91
511	1757839.45	1118106.11
512	1757850.86	1118433.37
513	1757852.64	1118484.32
514	1757867.93	1119005.23
515	1757907.95	1119004.10
516	1755092.82	1117039.04
517	1755043.12	1117089.40

PARCEL NO.	OWNER	TOTAL HOLDINGS	PART TAKEN	REMAINDER	*PREVIOUS DEDICATION	EASEMENT	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
		ACRES	ACRES	ACRES	ACRES	ACRES			
0001PE	Blachford Enterprises, Inc.	2.0±	N/A	2.0±	N/A	0.107	Drainage	09-27-300-001	
0002PE	Tenneco Plastics Company, a Delaware Corporation	84.67±	N/A	84.67±	N/A	1.549	Drainage	09-27-300-002 09-27-300-026	
0003DED	Odyssey Holdings, Ltd. Meadows Market Two, LLC Cross Incorporated	5.00±	0.029	4.971±	N/A	N/A	R.O.W.	09-33-200-026	IDOT

*PREVIOUS DEDICATION OR THAT PART USED FOR ROADWAY PURPOSES

SURVEYOR'S CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF WILL)

THIS IS TO CERTIFY THAT I, DOUGLAS R. MCCLINTIC, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON WITHIN SECTION 27, TOWNSHIP 35 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, ILLINOIS. THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF. THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY. THAT ALL MONUMENTS ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

Dated this _____ day of _____, 2010.

Jacob and Hefner Associates, Inc.
Douglas R. McClintic
Illinois Professional Land Surveyor No. 35-2992



JACOB & HEFNER ASSOCIATES, INC.
ENGINEERS - SURVEYORS
1901 S. Meyers Road, Suite 350
Oakbrook Terrace, IL 60181
(630) 852-4800 FAX (630) 852-4801
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-093973 EXP. 4/30/11

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 3759 (CENTER ROAD)

SECTION: 04-00038-00-WR WILL COUNTY
PROJECT: M-8003 (488) JOB NO. R-55-001-97
STATION: 133+00.00 to 137+81.90
SCALE: 1 : 50 SHEET 3 OF 4

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS

COUNTY: WILL

SECTION: 04-00038-00-WR

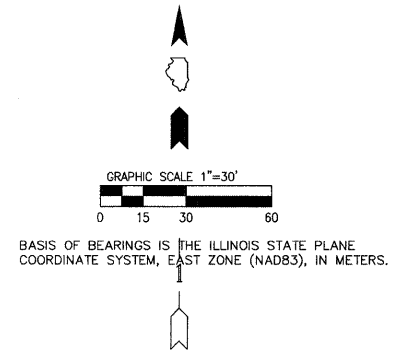
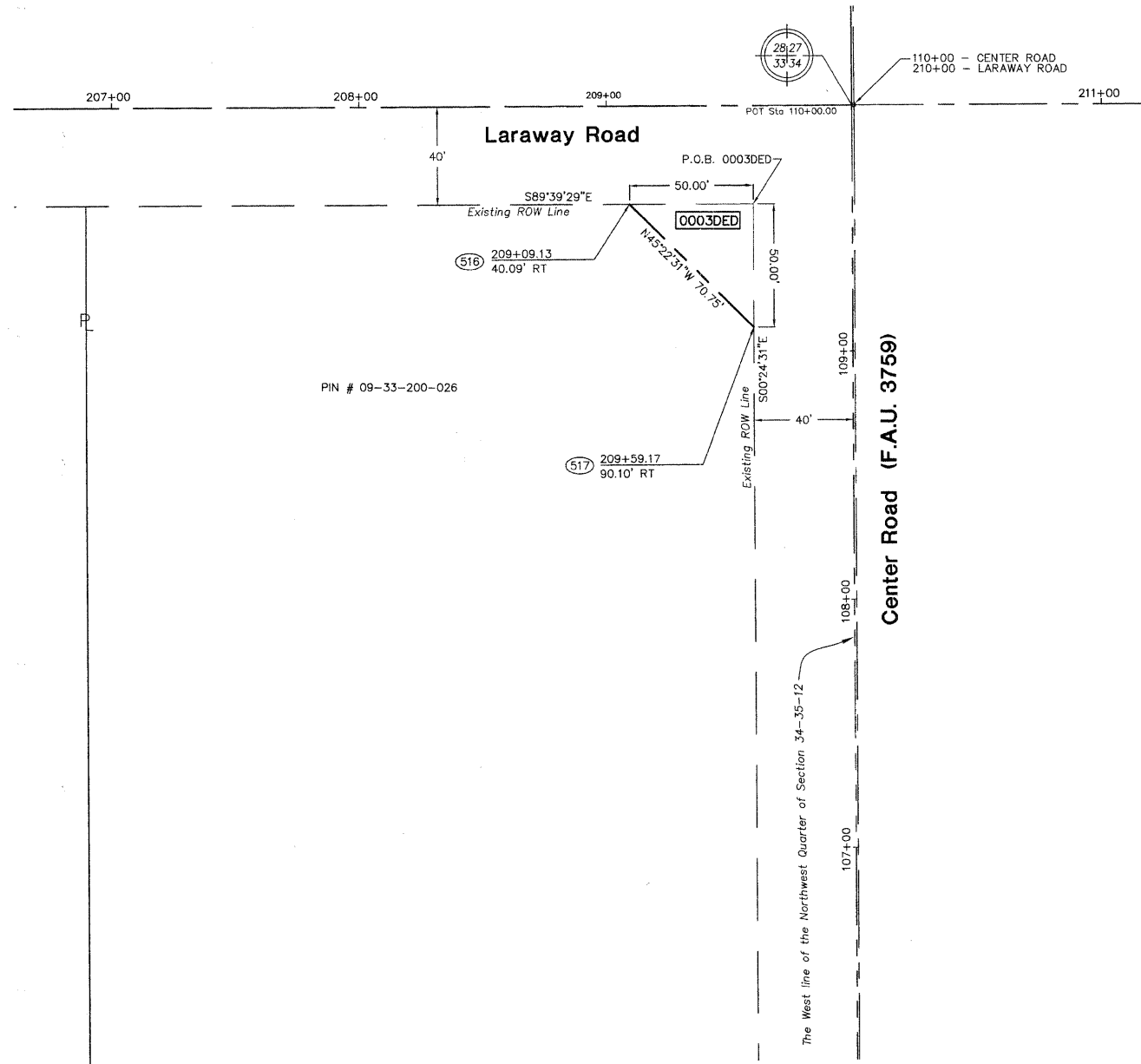
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JOB NO.: R-55-001-97

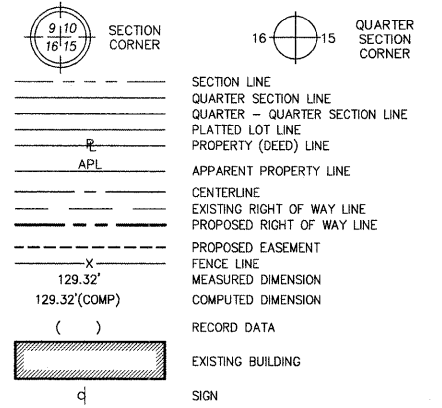
H:\E\3887\From Joblet\3\ood\PLAT OF HIGHWAYS\EZ58 Plat of Highway Plat Base.dwg

PART OF THE NE 1/4 OF SEC.33, TOWNSHIP 35 NORTH, RANGE 12 EAST OF THE THIRD P. M., WILL COUNTY, ILLINOIS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	60
STA.	TO			
FED. ROAD DIST. 1	ILLINOIS			
FED. AID PROJECT				



SYMBOL LEGEND



- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE.
- T3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.
- BT2 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT3 BURIED 5/8" IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

Node ID	Northing	Easting
501	1757836.54	1117149.20
502	1757837.65	1117367.00
503	1757800.34	1117368.97
504	1757799.80	1117377.98
505	1757822.58	1117595.91
506	1757832.25	1117652.94
507	1757836.75	1117710.42
508	1757839.76	1117806.61
509	1757844.28	1118005.95
510	1757846.94	1118105.91
511	1757839.45	1118106.11
512	1757850.86	1118433.37
513	1757852.64	1118484.32
514	1757867.93	1119005.23
515	1757907.95	1119004.10
516	1755092.82	1117039.04
517	1755043.12	1117089.40

PARCEL NO.	OWNER	TOTAL HOLDINGS	PART TAKEN	REMAINDER	*PREVIOUS DEDICATION	EASEMENT	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
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0002PE	Tenneco Plastics Company, a Delaware Corporation	84.67±	N/A	84.67±	N/A	1.549	Drainage	09-27-300-002 09-27-300-026	
0003DED	Odyssey Holdings, Ltd. Meadows Market Two, LLC Cress Incorporated	5.00±	0.029	4.971±	N/A	N/A	R.O.W.	09-33-200-026	IDOT

*PREVIOUS DEDICATION OR THAT PART USED FOR ROADWAY PURPOSES

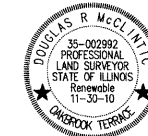
SURVEYOR'S CERTIFICATE

STATE OF ILLINOIS)
) SS
COUNTY OF WILL)

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Dated this _____ day of _____ 2010.

Jacob and Hefner Associates, Inc.
Douglas R. McClintic
Illinois Professional Land Surveyor No. 35-2992

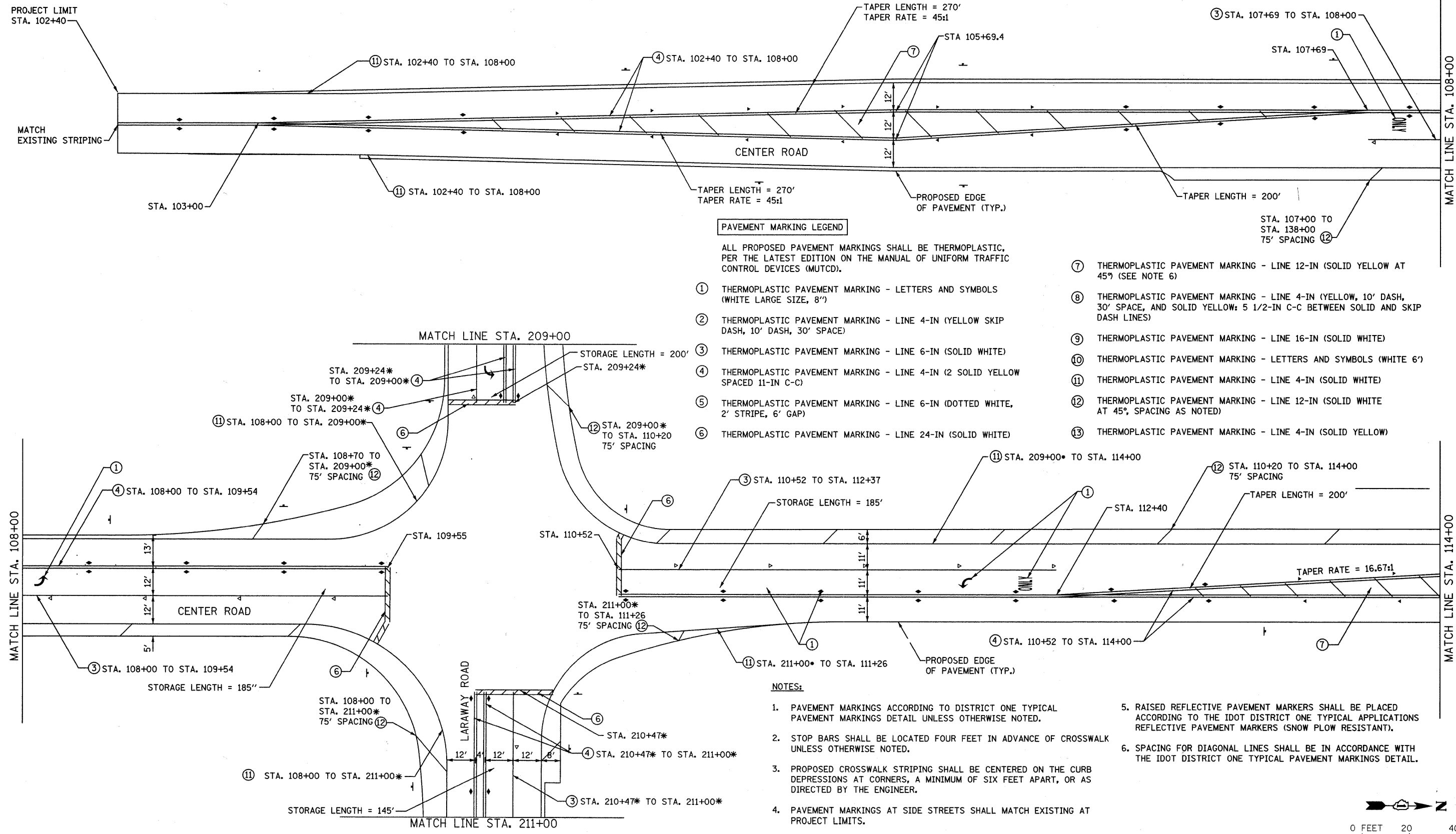


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ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-003076 EXP. 4/30/11

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 3759 (CENTER ROAD)

SECTION: 04-00038-00-WR WILL COUNTY
PROJECT: M-8003 (488) JOB NO. R-55-001-97
STATION: 103+57.00 to 110+93.00
SCALE: 1 : 30 SHEET 4 OF 4

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS



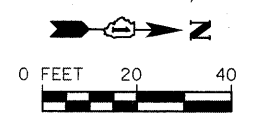
PAVEMENT MARKING LEGEND

- ALL PROPOSED PAVEMENT MARKINGS SHALL BE THERMOPLASTIC, PER THE LATEST EDITION ON THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- ① THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE LARGE SIZE, 8")
 - ② THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (YELLOW SKIP DASH, 10' DASH, 30' SPACE)
 - ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6-IN (SOLID WHITE)
 - ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (2 SOLID YELLOW SPACED 11-IN C-C)
 - ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6-IN (DOTTED WHITE, 2' STRIPE, 6' GAP)
 - ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 24-IN (SOLID WHITE)
 - ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12-IN (SOLID YELLOW AT 45° (SEE NOTE 6))
 - ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (YELLOW, 10' DASH, 30' SPACE, AND SOLID YELLOW: 5 1/2-IN C-C BETWEEN SOLID AND SKIP DASH LINES)
 - ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 16-IN (SOLID WHITE)
 - ⑩ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE 6")
 - ⑪ THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (SOLID WHITE)
 - ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 12-IN (SOLID WHITE AT 45°, SPACING AS NOTED)
 - ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (SOLID YELLOW)

NOTES:

1. PAVEMENT MARKINGS ACCORDING TO DISTRICT ONE TYPICAL PAVEMENT MARKINGS DETAIL UNLESS OTHERWISE NOTED.
2. STOP BARS SHALL BE LOCATED FOUR FEET IN ADVANCE OF CROSSWALK UNLESS OTHERWISE NOTED.
3. PROPOSED CROSSWALK STRIPING SHALL BE CENTERED ON THE CURB DEPRESSIONS AT CORNERS, A MINIMUM OF SIX FEET APART, OR AS DIRECTED BY THE ENGINEER.
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5. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED ACCORDING TO THE IDOT DISTRICT ONE TYPICAL APPLICATIONS REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT).
6. SPACING FOR DIAGONAL LINES SHALL BE IN ACCORDANCE WITH THE IDOT DISTRICT ONE TYPICAL PAVEMENT MARKINGS DETAIL.

* = LARAWAY ROAD STATIONING



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STRAND ENGINEERS
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = edamm	DESIGNED -	REVISED -
PLOT SCALE = 20,0000' / IN.	DRAWN -	REVISED -
PLOT DATE = 3/31/2012	CHECKED -	REVISED -
	DATE -	REVISED -

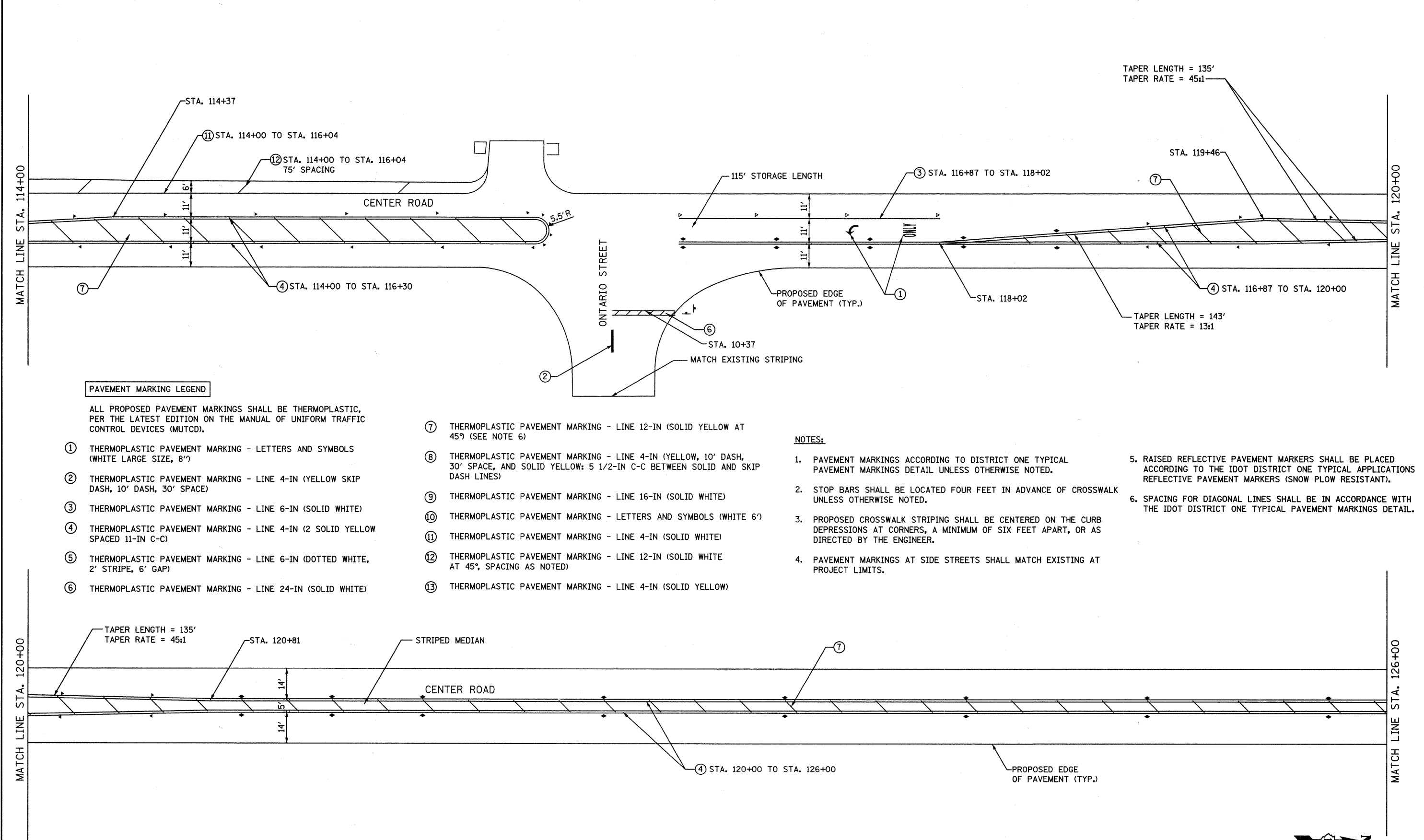
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKING AND SIGNING PLAN

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	61
CONTRACT NO. 63248				

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



PAVEMENT MARKING LEGEND

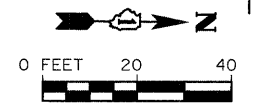
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STRAND
ENGINEERS

1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = edann	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / IN.	DRAWN -	REVISED -
PLOT DATE = 3/31/2012	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKING AND SIGNING PLAN

SCALE: AS SHOWN | SHEET NO. OF SHEETS | STA. TO STA.

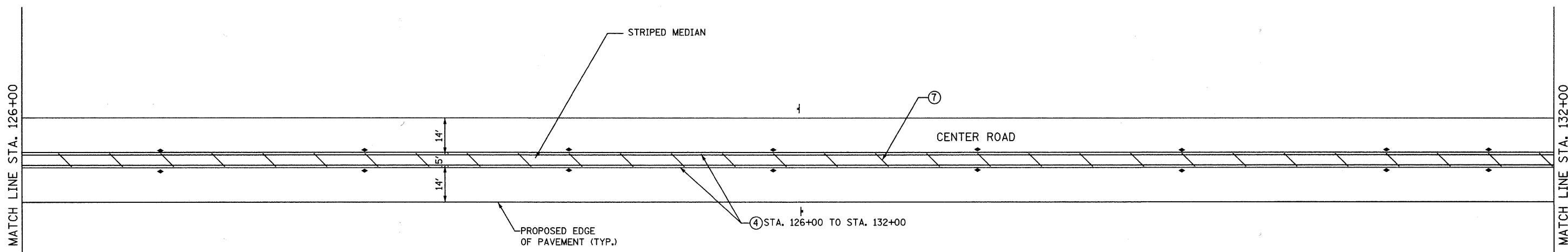
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	62
CONTRACT NO. 63248				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 126+00

MATCH LINE STA. 132+00

MATCH LINE STA. 132+00

MATCH LINE STA. 138+00



PAVEMENT MARKING LEGEND

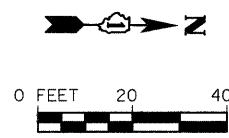
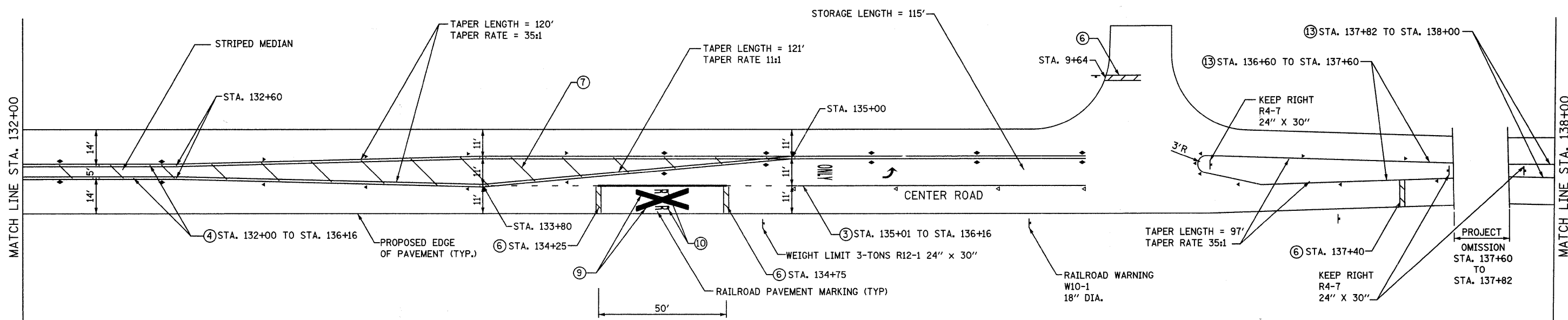
ALL PROPOSED PAVEMENT MARKINGS SHALL BE THERMOPLASTIC, PER THE LATEST EDITION ON THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

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STRAND
ENGINEERS

1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

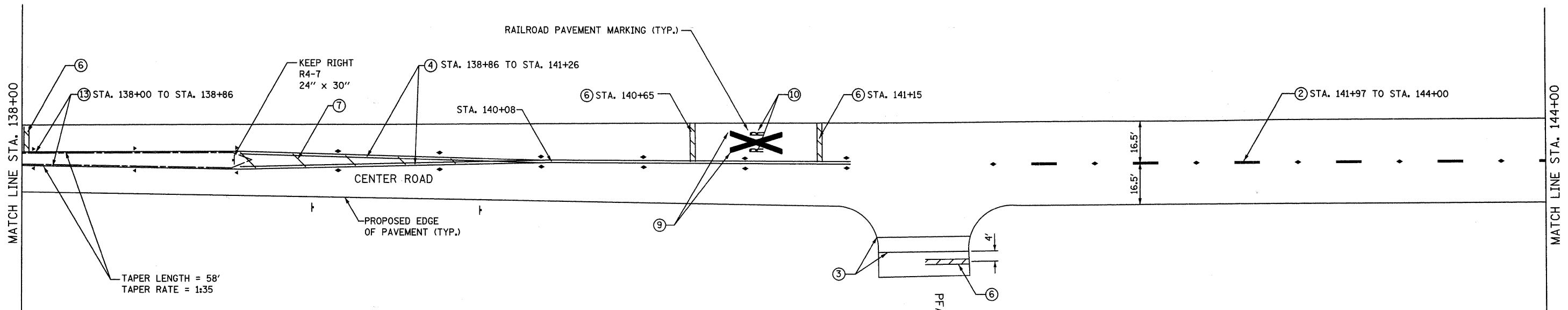
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKING AND SIGNING PLAN

SCALE: AS SHOWN | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	63
CONTRACT NO. 63248				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



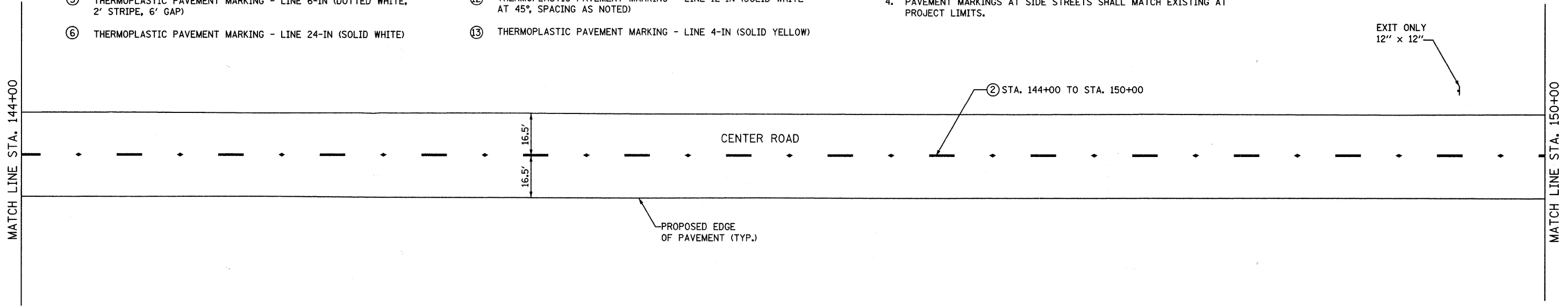
PAVEMENT MARKING LEGEND

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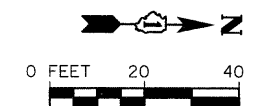
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ALL PROPOSED PAVEMENT MARKINGS SHALL BE THERMOPLASTIC, PER THE LATEST EDITION ON THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)



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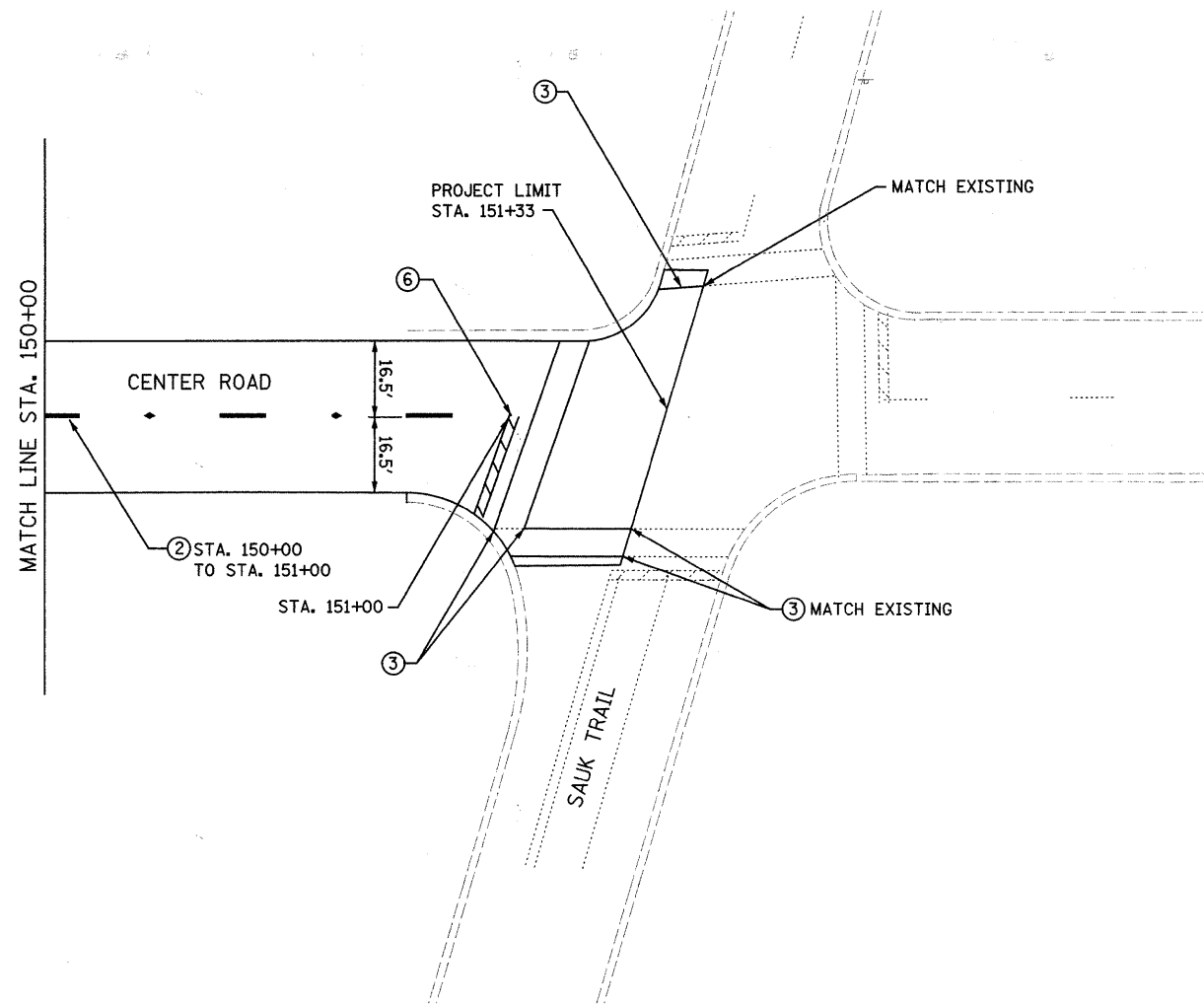
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PLOT DATE = 2/21/22	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKING AND SIGNING PLAN

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	64
CONTRACT NO. 63248				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

ALL PROPOSED PAVEMENT MARKINGS SHALL BE THERMOPLASTIC, PER THE LATEST EDITION ON THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

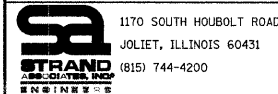
- ① THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE LARGE SIZE, 8")
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (YELLOW SKIP DASH, 10' DASH, 30' SPACE)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6-IN (SOLID WHITE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (2 SOLID YELLOW SPACED 11-IN C-C)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6-IN (DOTTED WHITE, 2' STRIPE, 6' GAP)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 24-IN (SOLID WHITE)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12-IN (SOLID YELLOW AT 45°) (SEE NOTE 6)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (YELLOW, 10' DASH, 30' SPACE, AND SOLID YELLOW; 5 1/2-IN C-C BETWEEN SOLID AND SKIP DASH LINES)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 16-IN (SOLID WHITE)
- ⑩ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE 6")
- ⑪ THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (SOLID WHITE)
- ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 12-IN (SOLID WHITE AT 45°, SPACING AS NOTED)
- ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (SOLID YELLOW)

NOTES:

1. PAVEMENT MARKINGS ACCORDING TO DISTRICT ONE TYPICAL PAVEMENT MARKINGS DETAIL UNLESS OTHERWISE NOTED.
2. STOP BARS SHALL BE LOCATED FOUR FEET IN ADVANCE OF CROSSWALK UNLESS OTHERWISE NOTED.
3. PROPOSED CROSSWALK STRIPING SHALL BE CENTERED ON THE CURB DEPRESSIONS AT CORNERS, A MINIMUM OF SIX FEET APART, OR AS DIRECTED BY THE ENGINEER.
4. PAVEMENT MARKINGS AT SIDE STREETS SHALL MATCH EXISTING AT PROJECT LIMITS.
5. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED ACCORDING TO THE IDOT DISTRICT ONE TYPICAL APPLICATIONS REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT).
6. SPACING FOR DIAGONAL LINES SHALL BE IN ACCORDANCE WITH THE IDOT DISTRICT ONE TYPICAL PAVEMENT MARKINGS DETAIL.



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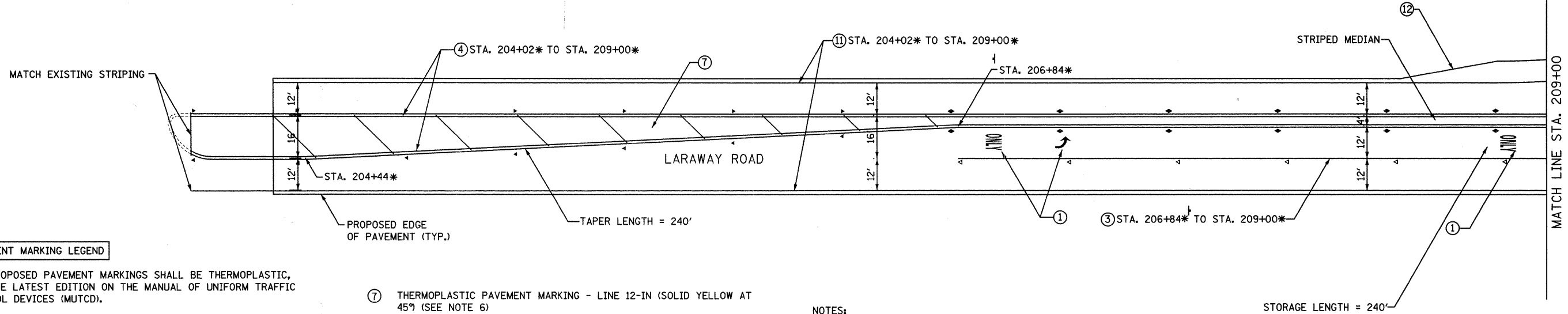
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PLOT SCALE = 20,0000' / IN.	DRAWN -	REVISED -
PLOT DATE = 3/31/22	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKING AND SIGNING PLAN

SCALE: AS SHOWN | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	65
CONTRACT NO. 63248			ILLINOIS FED. AID PROJECT	



PAVEMENT MARKING LEGEND

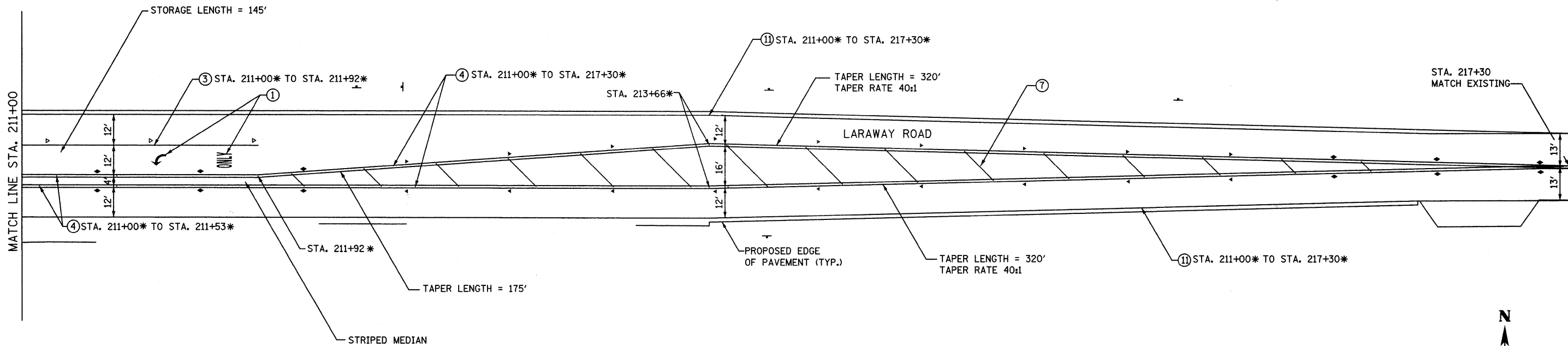
ALL PROPOSED PAVEMENT MARKINGS SHALL BE THERMOPLASTIC, PER THE LATEST EDITION ON THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

- ① THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE LARGE SIZE, 8")
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (YELLOW SKIP DASH, 10' DASH, 30' SPACE)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6-IN (SOLID WHITE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (2 SOLID YELLOW SPACED 11-IN C-C)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6-IN (DOTTED WHITE, 2' STRIPE, 6' GAP)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 24-IN (SOLID WHITE)

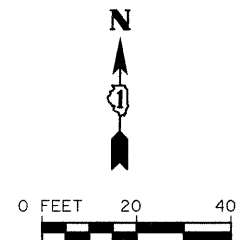
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12-IN (SOLID YELLOW AT 45° (SEE NOTE 6))
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (YELLOW, 10' DASH, 30' SPACE, AND SOLID YELLOW: 5 1/2-IN C-C BETWEEN SOLID AND SKIP DASH LINES)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 16-IN (SOLID WHITE)
- ⑩ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE 6")
- ⑪ THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (SOLID WHITE)
- ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 12-IN (SOLID WHITE AT 45°, SPACING AS NOTED)
- ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 4-IN (SOLID YELLOW)

NOTES:

1. PAVEMENT MARKINGS ACCORDING TO DISTRICT ONE TYPICAL PAVEMENT MARKINGS DETAIL UNLESS OTHERWISE NOTED.
2. STOP BARS SHALL BE LOCATED FOUR FEET IN ADVANCE OF CROSSWALK UNLESS OTHERWISE NOTED.
3. PROPOSED CROSSWALK STRIPING SHALL BE CENTERED ON THE CURB DEPRESSIONS AT CORNERS, A MINIMUM OF SIX FEET APART, OR AS DIRECTED BY THE ENGINEER.
4. PAVEMENT MARKINGS AT SIDE STREETS SHALL MATCH EXISTING AT PROJECT LIMITS.
5. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED ACCORDING TO THE IDOT DISTRICT ONE TYPICAL APPLICATIONS REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT).
6. SPACING FOR DIAGONAL LINES SHALL BE IN ACCORDANCE WITH THE IDOT DISTRICT ONE TYPICAL PAVEMENT MARKINGS DETAIL.



*LARAWAY STATIONING



FILE NAME = s:\j\16680-6699\6628\00\micro\striping\striping_laraway.dgn

STRAND
ENGINEERS

1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = edamm	DESIGNED -	REVISED -
PLOT SCALE = 20,0000' / IN.	DRAWN -	REVISED -
PLOT DATE = 3/31/22	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKING AND STRIPING PLAN

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 3759	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 66
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 63248		

PROJECT **Center Road Improvements, Laraway Rd. to Sauk Trail., Frankfort, Illinois**

CLIENT **Strand Associates, Inc., Joliet, Illinois**



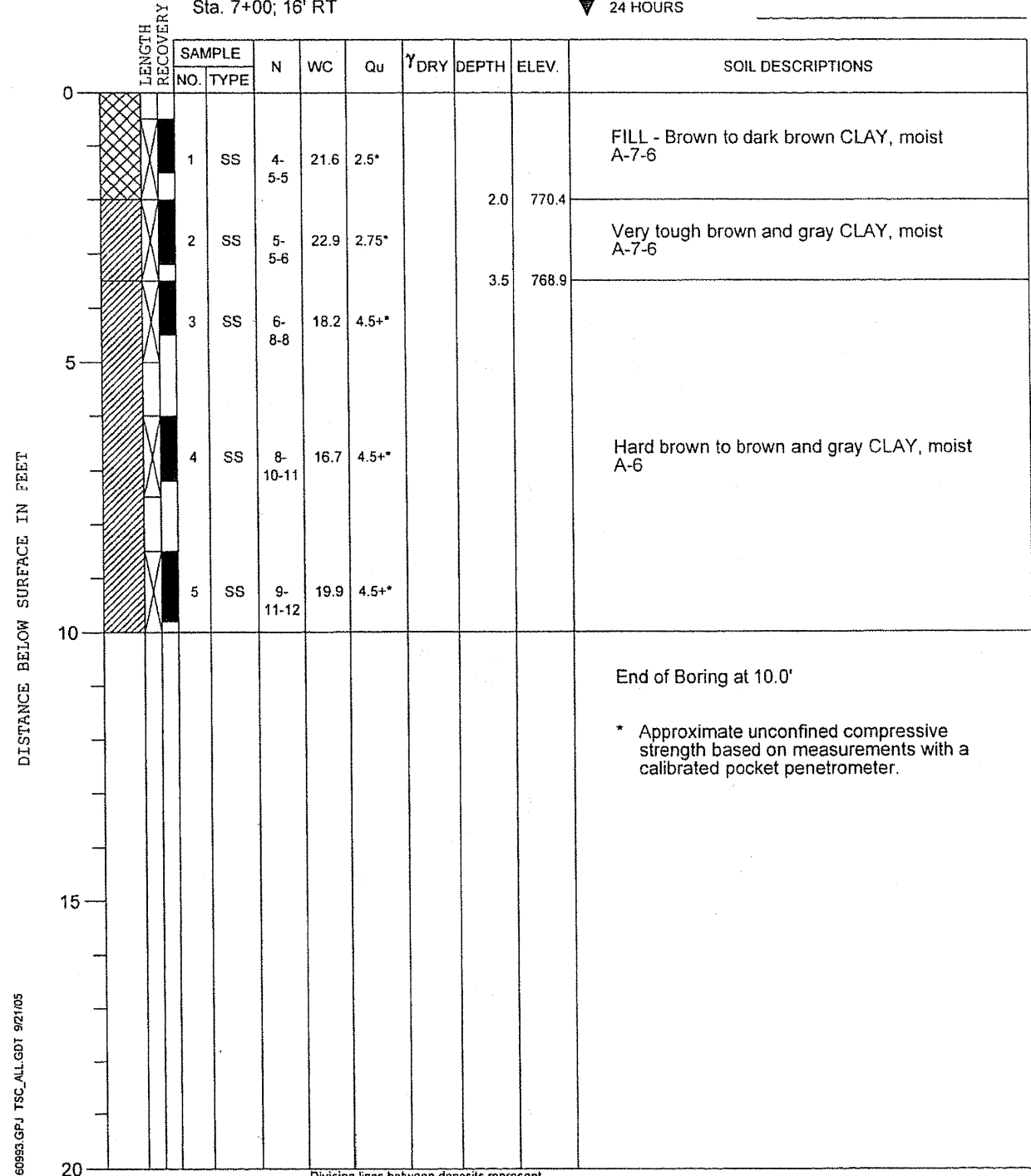
BORING **1** DATE STARTED **7-23-04** DATE COMPLETED **7-23-04** JOB **L-60,993**

ELEVATIONS WATER LEVEL OBSERVATIONS

GROUND SURFACE **772.4** WHILE DRILLING **Dry**

END OF BORING **762.4** AT END OF BORING **Dry**

Sta. 7+00; 16' RT



Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

DRILL RIG NO. **282**

PROJECT **Center Road Improvements, Laraway Rd. to Sauk Trail., Frankfort, Illinois**

CLIENT **Strand Associates, Inc., Joliet, Illinois**



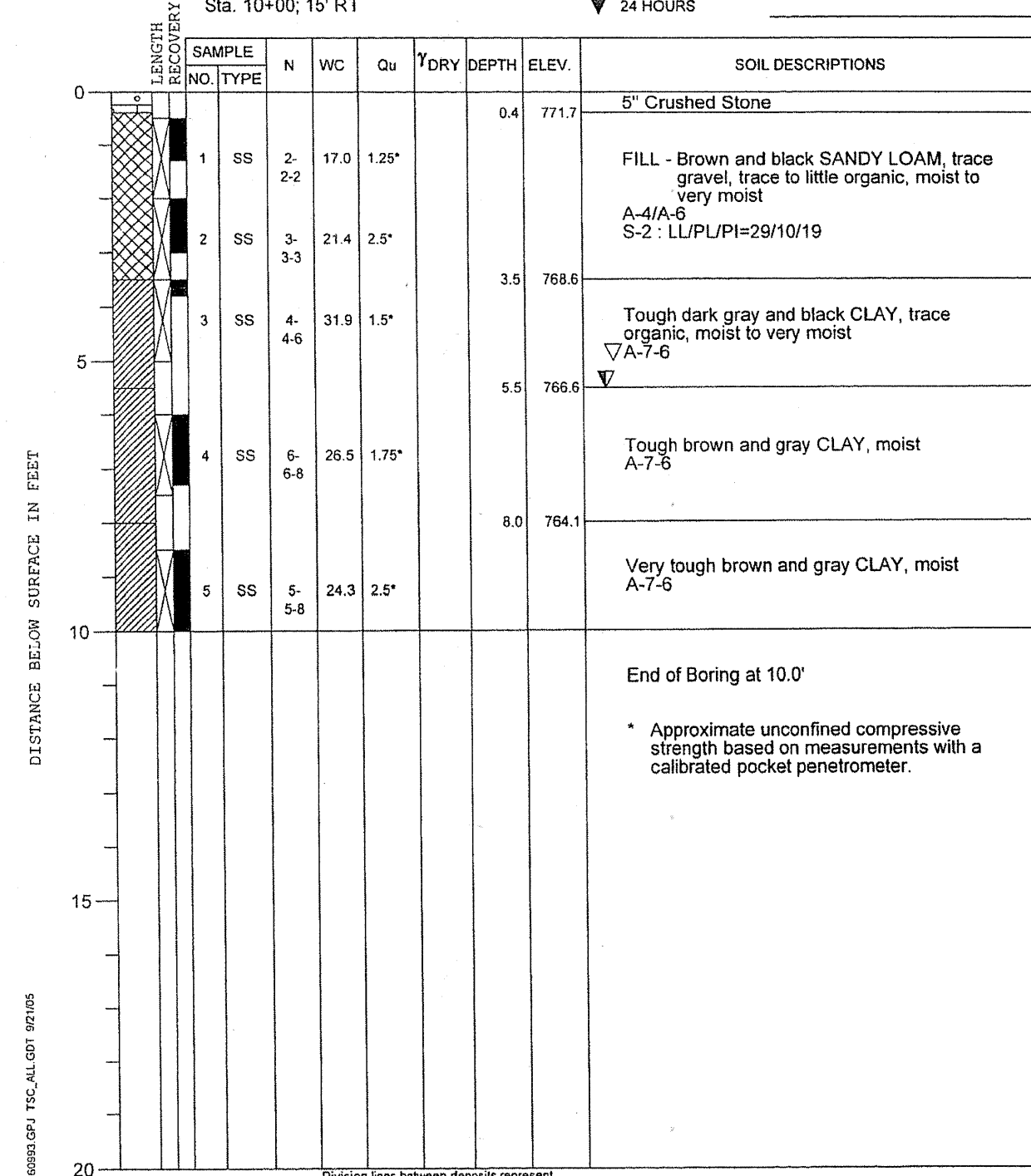
BORING **2** DATE STARTED **7-23-04** DATE COMPLETED **7-5-05** JOB **L-60,993**

ELEVATIONS WATER LEVEL OBSERVATIONS

GROUND SURFACE **772.1** WHILE DRILLING **5.5'**

END OF BORING **762.1** AT END OF BORING **5.0'**

Sta. 10+00; 15' RT



Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

DRILL RIG NO. **282**

FILE NAME: s:\j\16800--6659\6628\084\micro\Boring_Log\Boring_Log.dgn

SEE PLAN AND PROFILE DRAWINGS FOR BORING LOCATIONS



1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = edamm	DESIGNED -	REVISED -
	PLOT SCALE = 20.0000' / IN.	DRAWN -	REVISED -
	PLOT DATE = 3/31/22/02	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL.	168	67
CONTRACT NO. 63248				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PROJECT **Center Road Improvements, Laraway Rd. to Sauk Trail., Frankfort, Illinois**

CLIENT **Strand Associates, Inc., Joliet, Illinois**

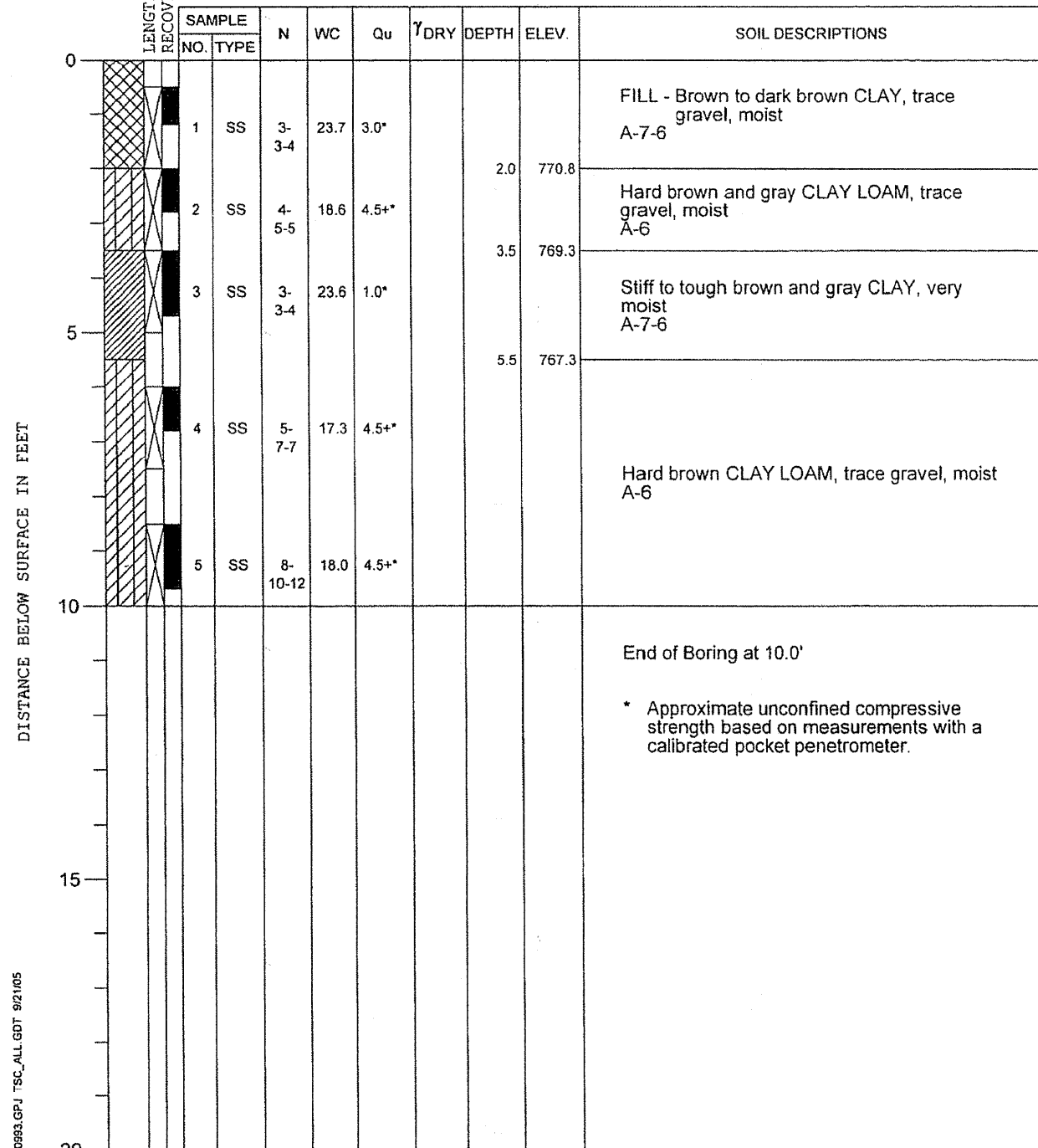


BORING **3** DATE STARTED **7-23-04** DATE COMPLETED **7-23-04** JOB **L-60,993**

ELEVATIONS
 GROUND SURFACE **772.8**
 END OF BORING **762.8**

WATER LEVEL OBSERVATIONS
 WHILE DRILLING **Dry**
 AT END OF BORING **Dry**
 24 HOURS

Sta. 13+00; 15' LT



DRILL RIG NO. **282**

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

PROJECT **Center Road Improvements, Laraway Rd. to Sauk Trail., Frankfort, Illinois**

CLIENT **Strand Associates, Inc., Joliet, Illinois**

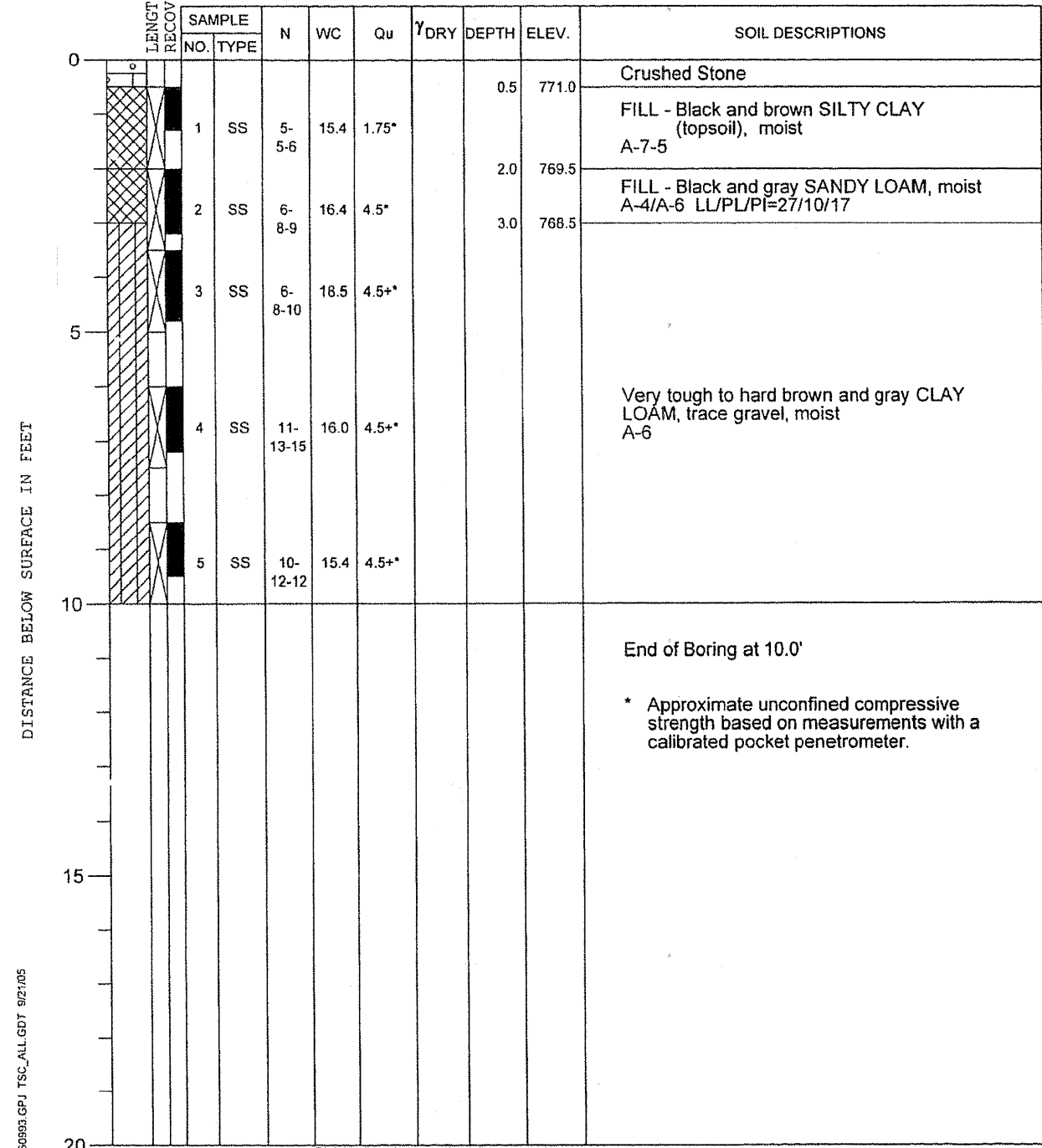


BORING **4** DATE STARTED **7-23-04** DATE COMPLETED **7-5-05** JOB **L-60,993**

ELEVATIONS
 GROUND SURFACE **771.5**
 END OF BORING **761.5**

WATER LEVEL OBSERVATIONS
 WHILE DRILLING **Dry**
 AT END OF BORING **Dry**
 24 HOURS

Sta. 16+00; 16' RT



DRILL RIG NO. **282**

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

SEE PLAN AND PROFILE DRAWINGS FOR BORING LOCATIONS



1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = edamm	DESIGNED -	REVISED -
	PLOT SCALE = 20.0000' / IN.	DRAWN -	REVISED -
	PLOT DATE = 3/31/2012	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	68
CONTRACT NO. 63248				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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PROJECT **Center Road Improvements, Laraway Rd. to Sauk Trail, Frankfort, Illinois**

CLIENT **Strand Associates, Inc., Joliet, Illinois**

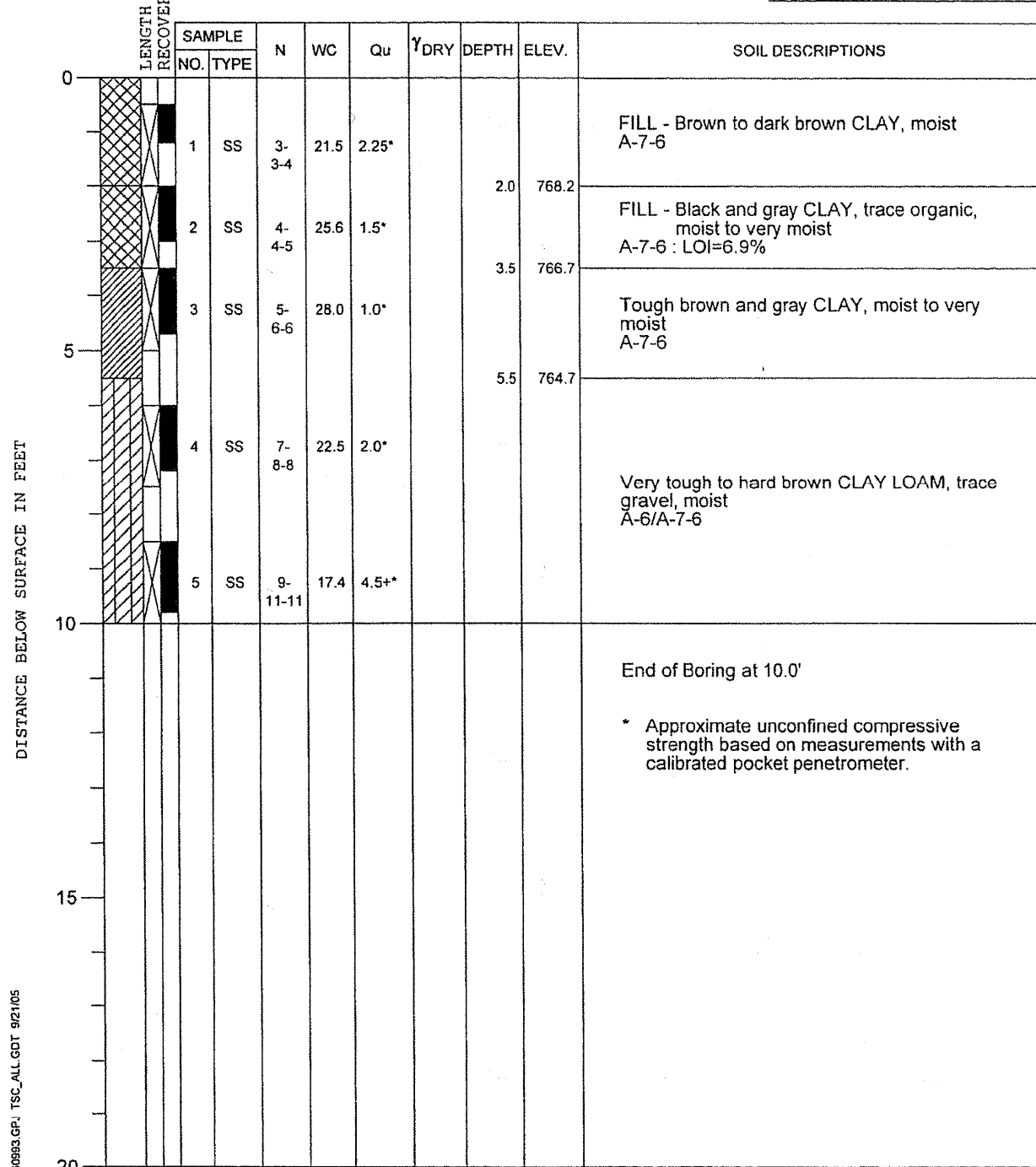
BORING **5** DATE STARTED **7-23-04** DATE COMPLETED **7-5-05** JOB **L-60,993**

ELEVATIONS
GROUND SURFACE **770.2**
END OF BORING **760.2**

WATER LEVEL OBSERVATIONS
▽ WHILE DRILLING **Dry**
▽ AT END OF BORING **Dry**
▽ 24 HOURS



Sta. 19+00; 15' LT



DRILL RIG NO. **282**

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

PROJECT **Center Road Improvements, Laraway Rd. to Sauk Trail, Frankfort, Illinois**

CLIENT **Strand Associates, Inc., Joliet, Illinois**

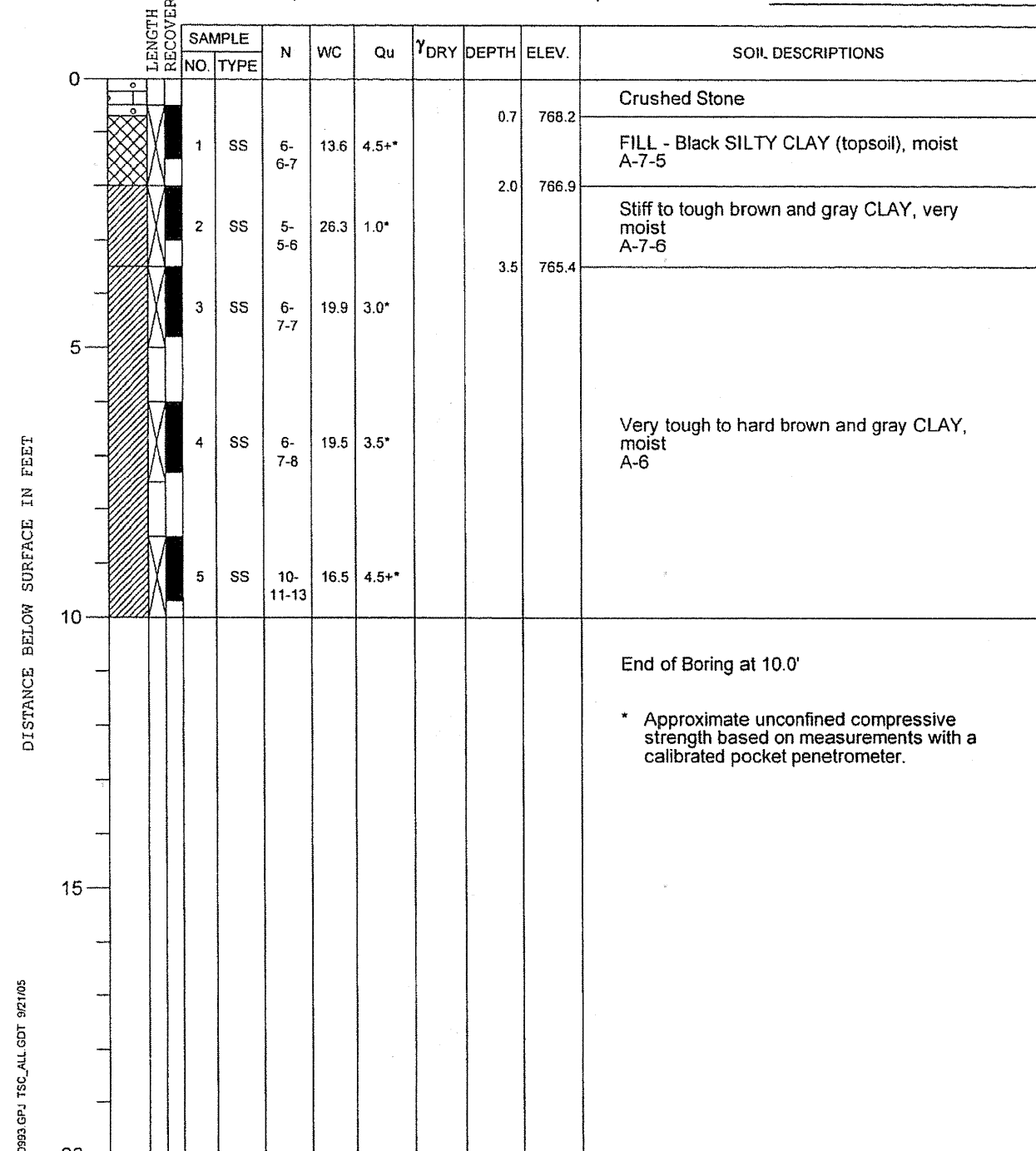
BORING **6** DATE STARTED **7-23-04** DATE COMPLETED **7-23-04** JOB **L-60,993**

ELEVATIONS
GROUND SURFACE **768.9**
END OF BORING **758.9**

WATER LEVEL OBSERVATIONS
▽ WHILE DRILLING **Dry**
▽ AT END OF BORING **Dry**
▽ 24 HOURS



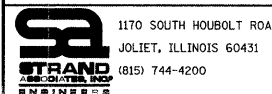
Sta. 22+00; 17' RT



DRILL RIG NO. **282**

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

SEE PLAN AND PROFILE DRAWINGS FOR BORING LOCATIONS



USER NAME = edamm	DESIGNED -	REVISED -
1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	DRAWN -	REVISED -
PLOT SCALE = 20,000' / IN.	CHECKED -	REVISED -
PLOT DATE = 3/31/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	69
CONTRACT NO. 63248				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

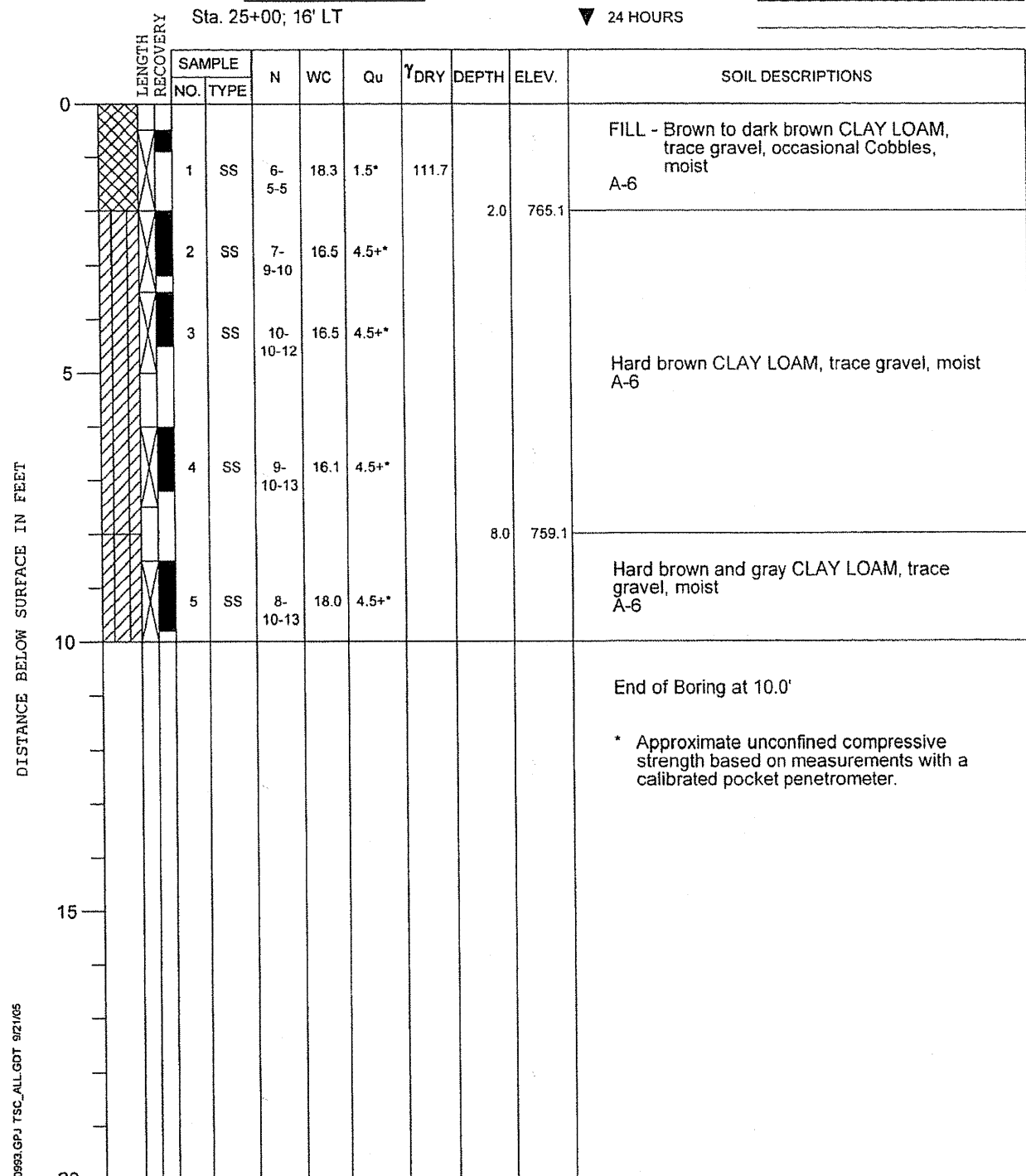
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PROJECT **Center Road Improvements, Laraway Rd. to Sauk Trail., Frankfort, Illinois**

CLIENT **Strand Associates, Inc., Joliet, Illinois**

BORING **7** DATE STARTED **7-23-04** DATE COMPLETED **7-23-04** JOB **L-60,993**

ELEVATIONS WATER LEVEL OBSERVATIONS
 GROUND SURFACE **767.1** WHILE DRILLING **Dry**
 END OF BORING **757.1** AT END OF BORING **Dry**
 24 HOURS



DRILL RIG NO. **282**

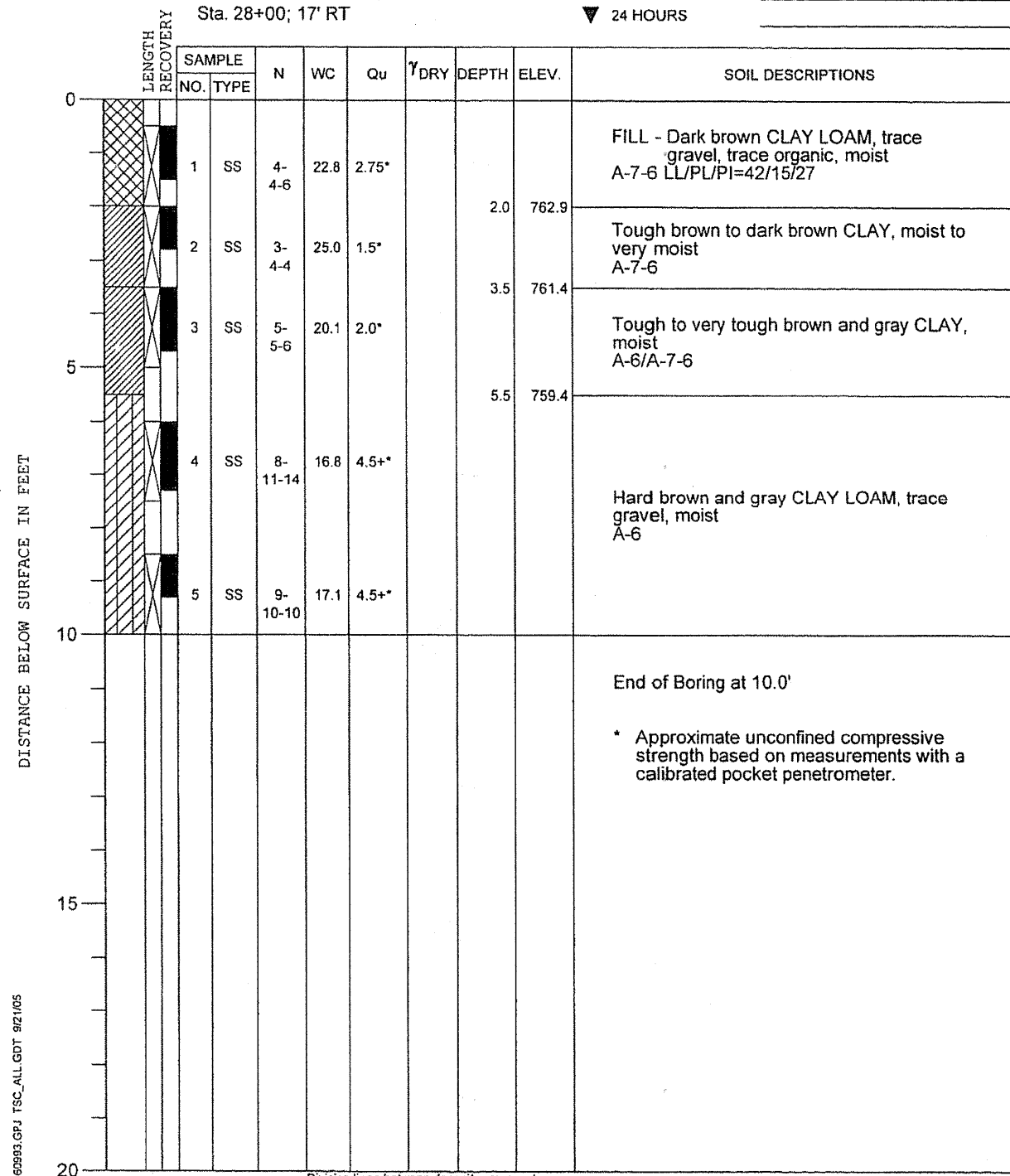
Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

PROJECT **Center Road Improvements, Laraway Rd. to Sauk Trail., Frankfort, Illinois**

CLIENT **Strand Associates, Inc., Joliet, Illinois**

BORING **8** DATE STARTED **7-23-04** DATE COMPLETED **7-5-05** JOB **L-60,993**

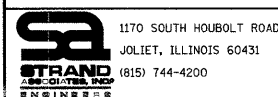
ELEVATIONS WATER LEVEL OBSERVATIONS
 GROUND SURFACE **764.9** WHILE DRILLING **Dry**
 END OF BORING **754.9** AT END OF BORING **Dry**
 24 HOURS



DRILL RIG NO. **282**

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

SEE PLAN AND PROFILE DRAWINGS FOR BORING LOCATIONS



1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = edamm	DESIGNED -	REVISED -
	PLOT SCALE = 20.0000 "/> <td>DRAWN -</td> <td>REVISED -</td>	DRAWN -	REVISED -
	PLOT DATE = 3/31/2013	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE: AS SHOWN	SHEET NO. OF SHEETS	STA. TO STA.	F.A.U. RTE. 3759	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 70
			CONTRACT NO. 63248				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

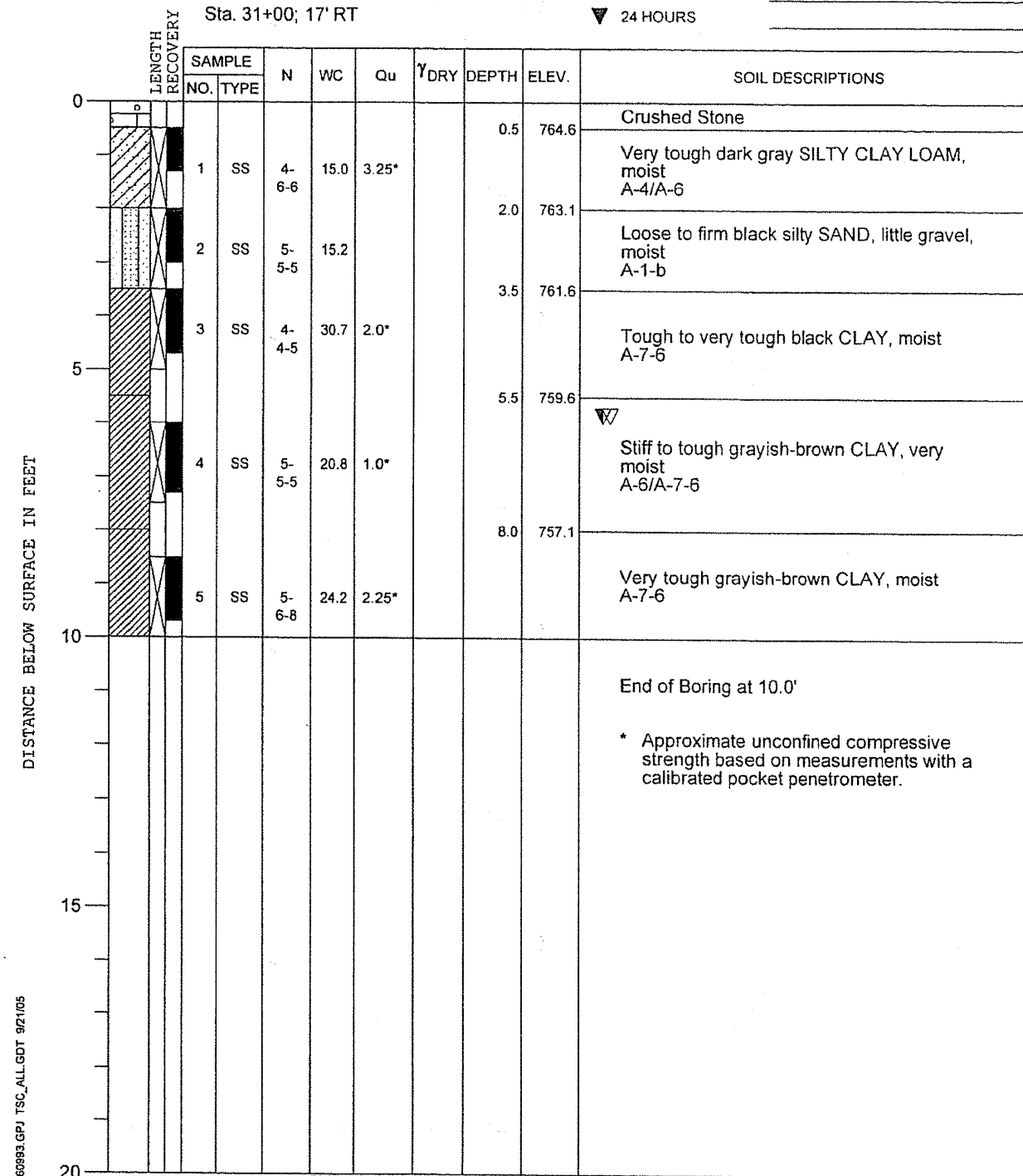
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PROJECT **Center Road Improvements, Laraway Rd. to Sauk Trail., Frankfort, Illinois**

CLIENT **Strand Associates, Inc., Joliet, Illinois**

BORING **9** DATE STARTED **7-23-04** DATE COMPLETED **7-23-04** JOB **L-60,993**

ELEVATIONS WATER LEVEL OBSERVATIONS
 GROUND SURFACE **765.1** WHILE DRILLING **6.0'**
 END OF BORING **755.1** AT END OF BORING **6.0'**
 24 HOURS

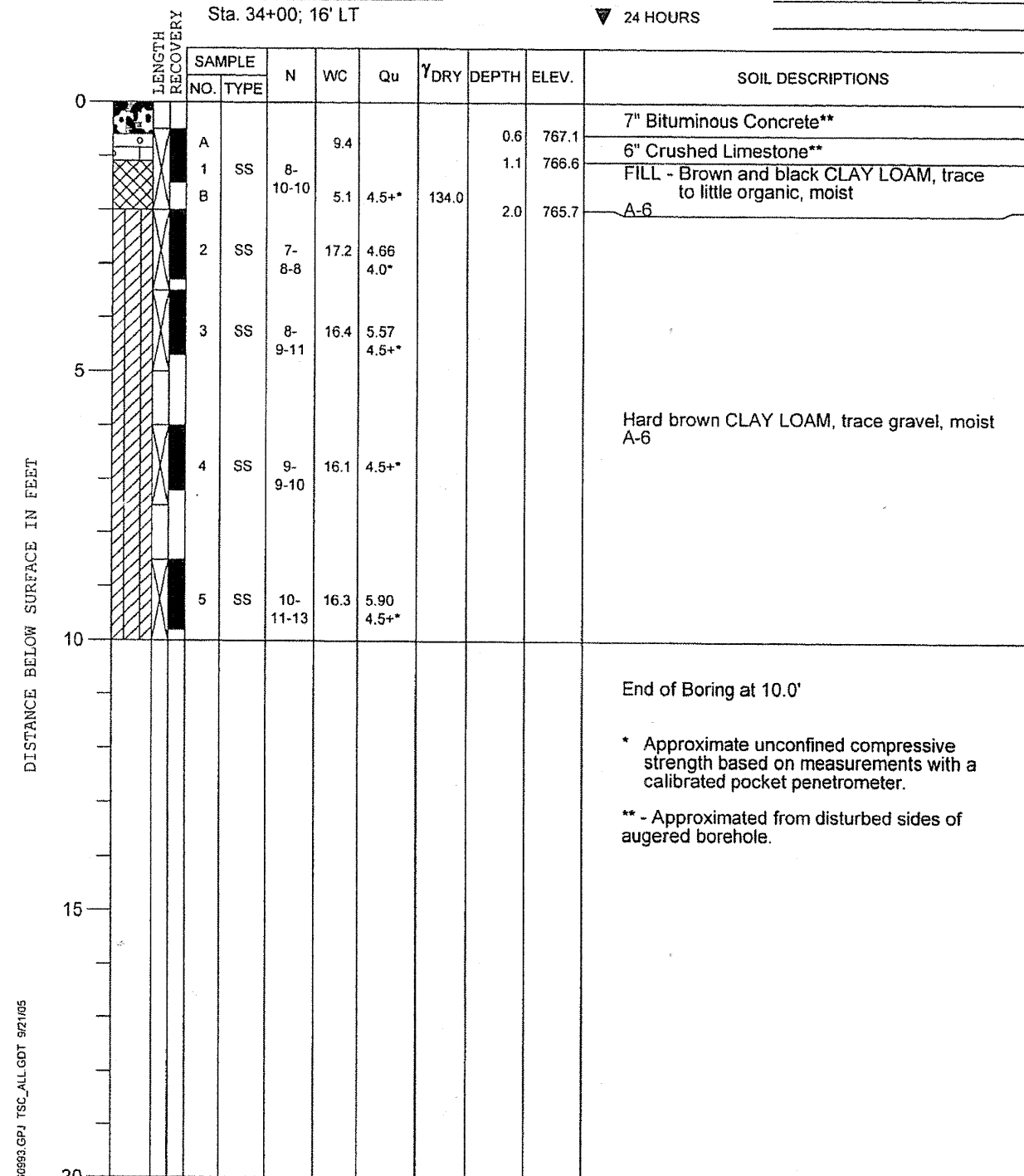


PROJECT **Center Road Improvements, Laraway Rd. to Sauk Trail., Frankfort, Illinois**

CLIENT **Strand Associates, Inc., Joliet, Illinois**

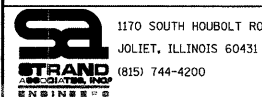
BORING **10** DATE STARTED **7-23-04** DATE COMPLETED **7-23-04** JOB **L-60,993**

ELEVATIONS WATER LEVEL OBSERVATIONS
 GROUND SURFACE **767.7** WHILE DRILLING **Dry**
 END OF BORING **757.7** AT END OF BORING **Dry**
 24 HOURS



SEE PLAN AND PROFILE DRAWINGS FOR BORING LOCATIONS

FILE NAME = s:\j\66800-66993\6628-004\microsta\Boring_Log\Boring_Log.dgn



1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = adam	DESIGNED -	REVISED -
	PLOT SCALE = 20,0000' / IN.	DRAWN -	REVISED -
	PLOT DATE = 3/31/22/2	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	71
CONTRACT NO. 63248				
FED. ROAD DIST. NO. ILLINOIS' FED. AID PROJECT				

PROJECT **Center and West Laraway Roads**

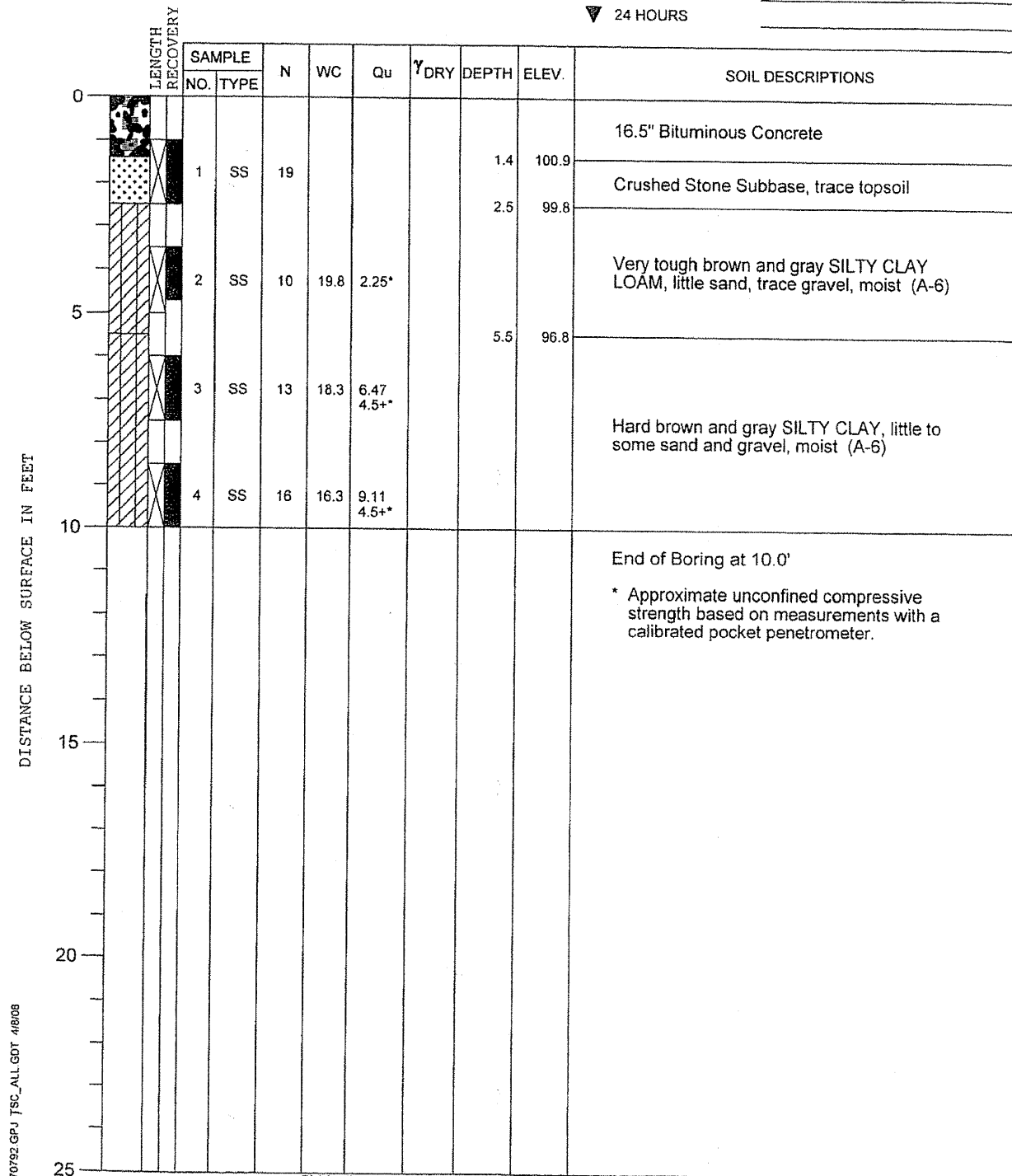
CLIENT **Strand Associates, Inc.**



BORING **11** DATE STARTED **3-7-08** DATE COMPLETED **3-7-08** JOB **L-70,792**

ELEVATIONS
 GROUND SURFACE **102.3**
 END OF BORING **92.3**

WATER LEVEL OBSERVATIONS
 WHILE DRILLING **Dry**
 AT END OF BORING **Dry**
 24 HOURS



DRILL RIG NO. **262**

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

PROJECT **Center and West Laraway Roads**

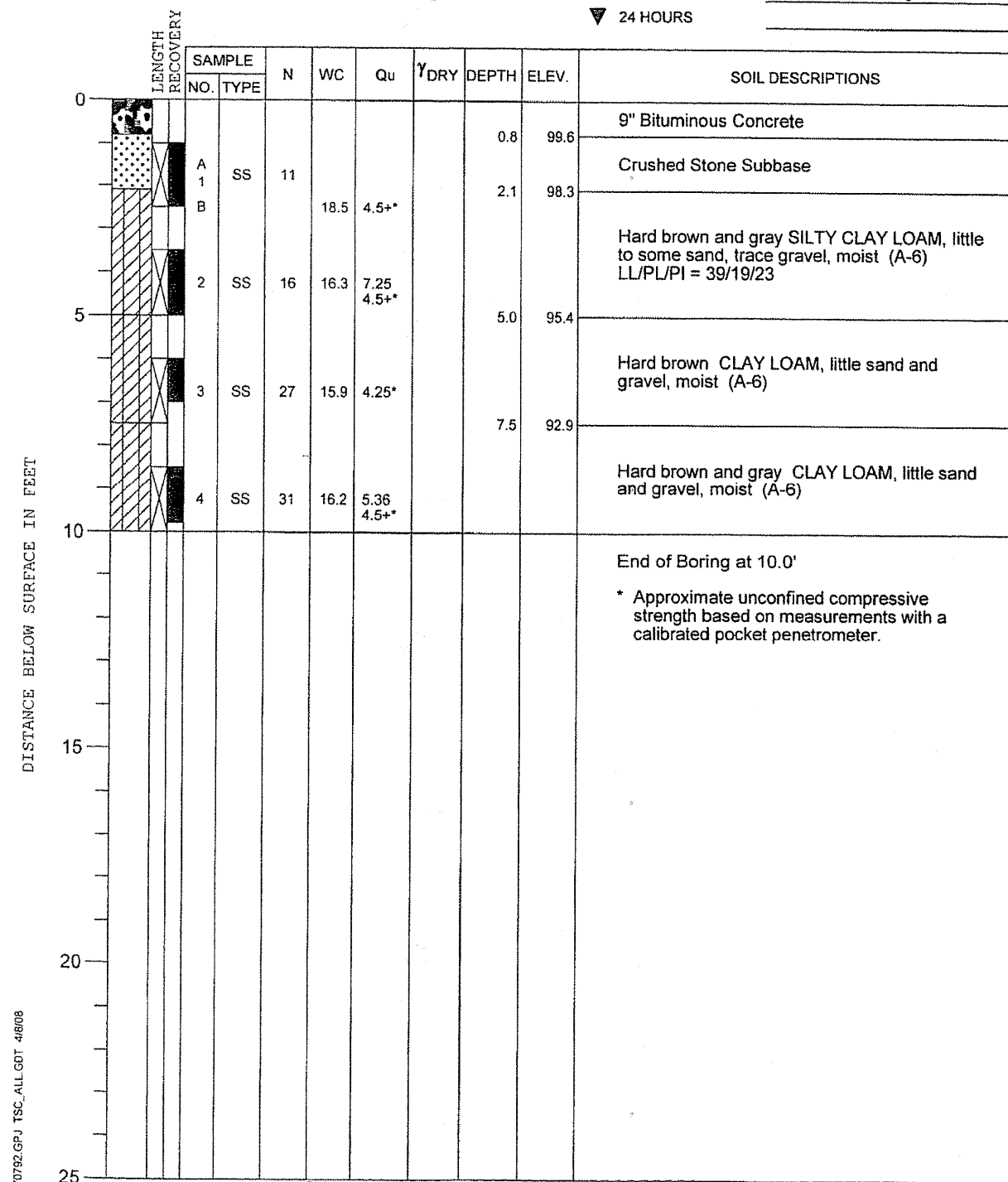
CLIENT **Strand Associates, Inc.**



BORING **12** DATE STARTED **3-7-08** DATE COMPLETED **3-7-08** JOB **L-70,792**

ELEVATIONS
 GROUND SURFACE **100.4**
 END OF BORING **90.4**

WATER LEVEL OBSERVATIONS
 WHILE DRILLING **Dry**
 AT END OF BORING **Dry**
 24 HOURS



DRILL RIG NO. **262**

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

SEE PLAN AND PROFILE DRAWINGS FOR BORING LOCATIONS



USER NAME = adam	DESIGNED -	REVISED -
PLOT SCALE = 20,0000' / IN.	DRAWN -	REVISED -
PLOT DATE = 3/31/2008	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	72
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63248	

PROJECT Center and West Laraway Roads

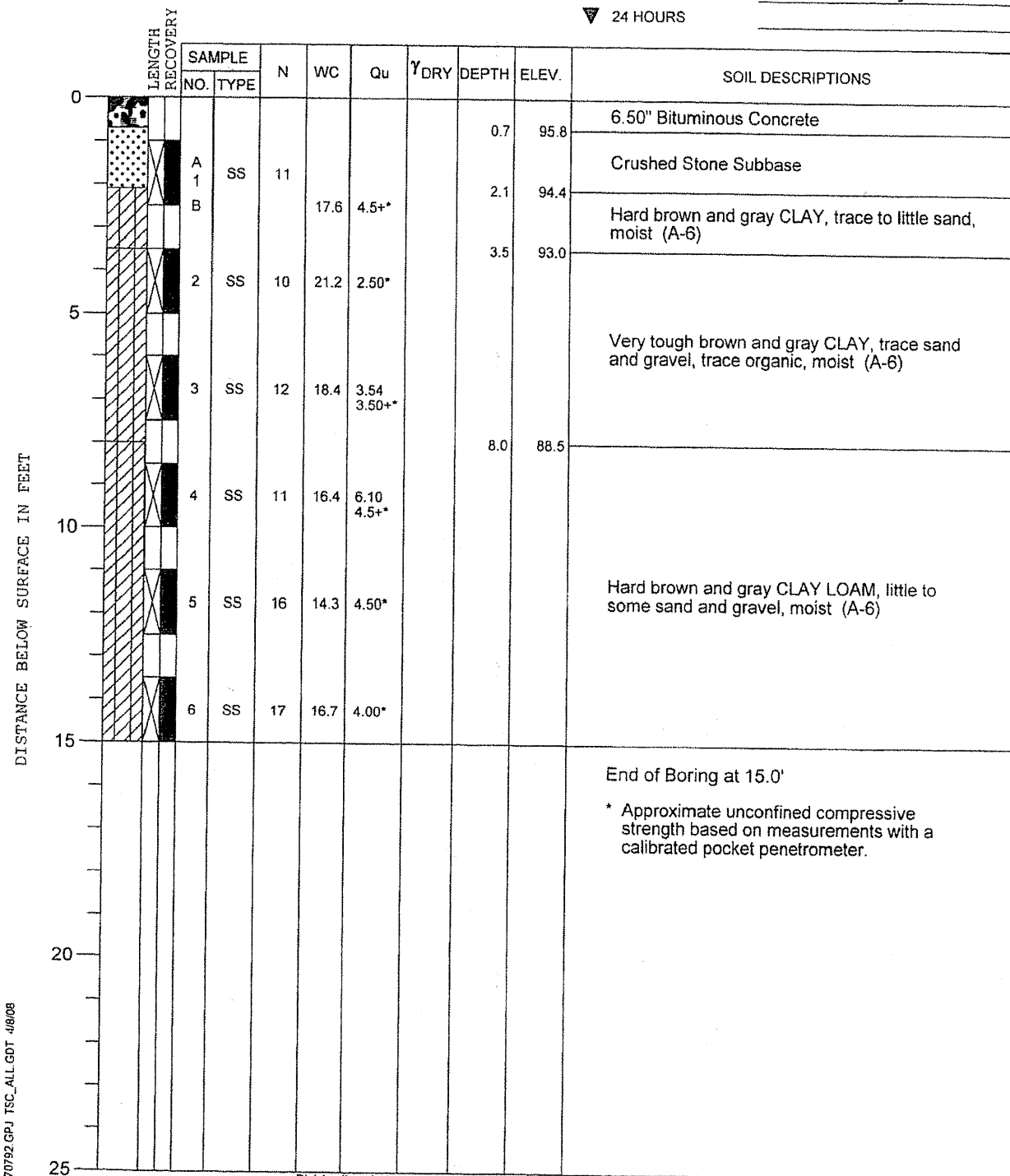
CLIENT Strand Associates, Inc.



BORING 13 DATE STARTED 3-7-08 DATE COMPLETED 3-7-08 JOB L-70,792

ELEVATIONS WATER LEVEL OBSERVATIONS

GROUND SURFACE 96.5 WHILE DRILLING Dry
 END OF BORING 81.5 AT END OF BORING Dry
 24 HOURS



DRILL RIG NO. 262

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

PROJECT Center and West Laraway Roads

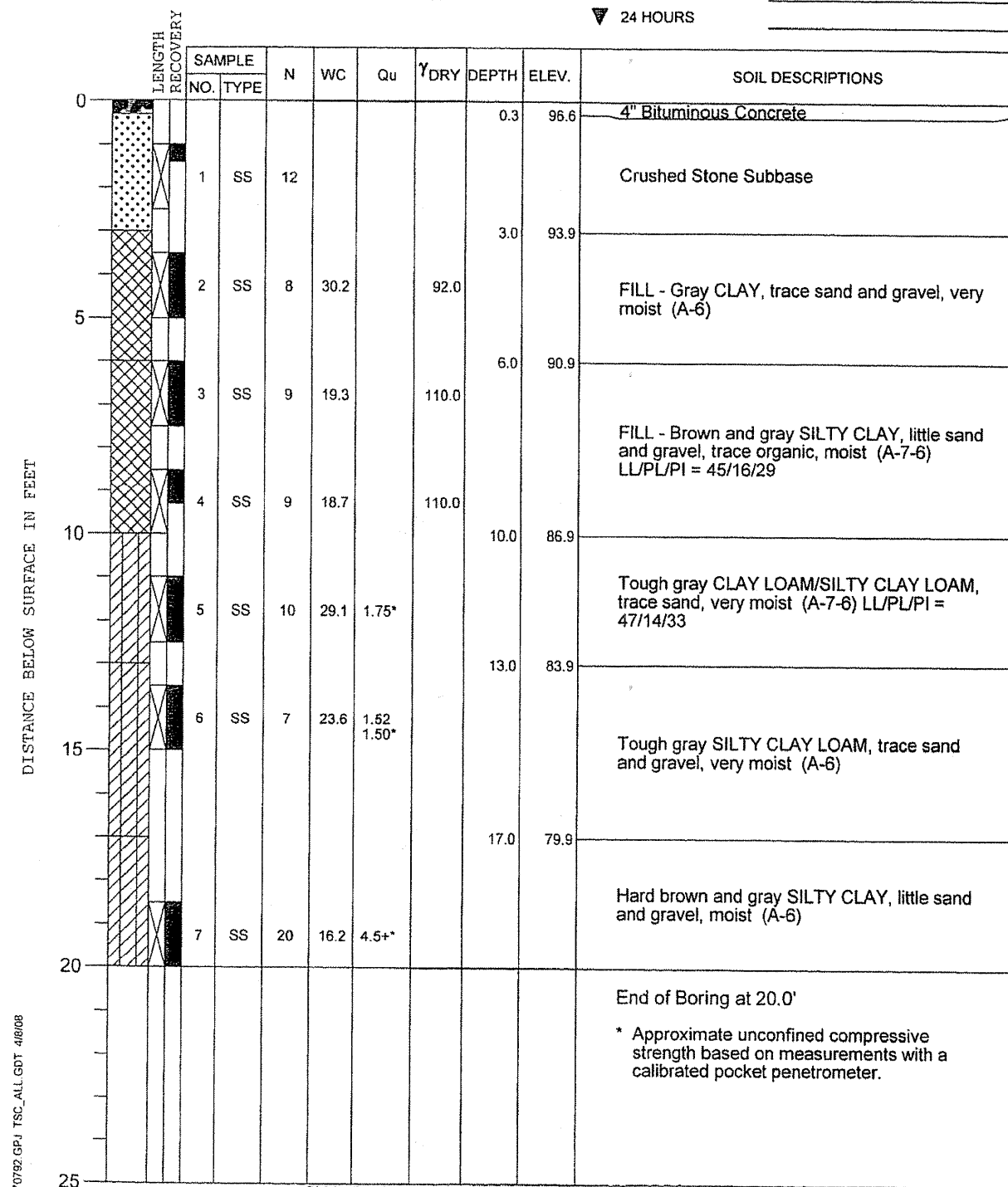
CLIENT Strand Associates, Inc.



BORING 14 DATE STARTED 3-7-08 DATE COMPLETED 3-7-08 JOB L-70,792

ELEVATIONS WATER LEVEL OBSERVATIONS

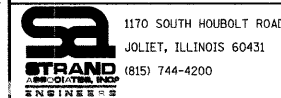
GROUND SURFACE 96.9 WHILE DRILLING Dry
 END OF BORING 76.9 AT END OF BORING Dry
 24 HOURS



DRILL RIG NO. 262

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

SEE PLAN AND PROFILE DRAWINGS FOR BORING LOCATIONS



USER NAME = edamm	DESIGNED -	REVISED -
PLOT SCALE = 20,000' / IN.	DRAWN -	REVISED -
PLOT DATE = 3/21/2012	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS

F.A.U. RTE. 3759	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 73
CONTRACT NO. 63248				
SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA.	TO STA.
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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PROJECT Center and West Laraway Roads

CLIENT Strand Associates, Inc.



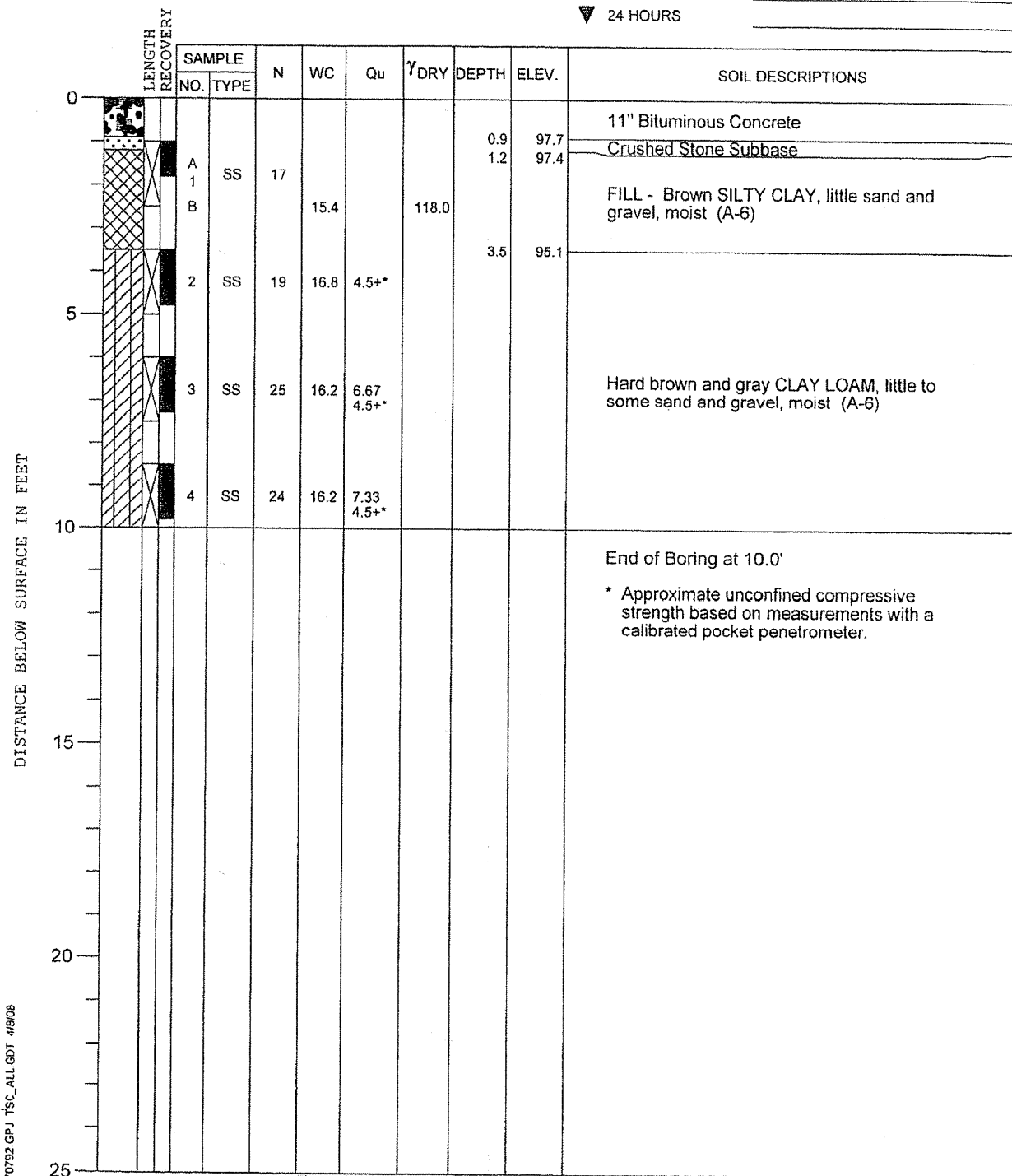
BORING 15 DATE STARTED 3-7-08 DATE COMPLETED 3-7-08 JOB L-70,792

ELEVATIONS WATER LEVEL OBSERVATIONS

GROUND SURFACE 98.6 WHILE DRILLING Dry

END OF BORING 88.6 AT END OF BORING Dry

▽ 24 HOURS



DRILL RIG NO. 262

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

PROJECT Center and West Laraway Roads

CLIENT Strand Associates, Inc.



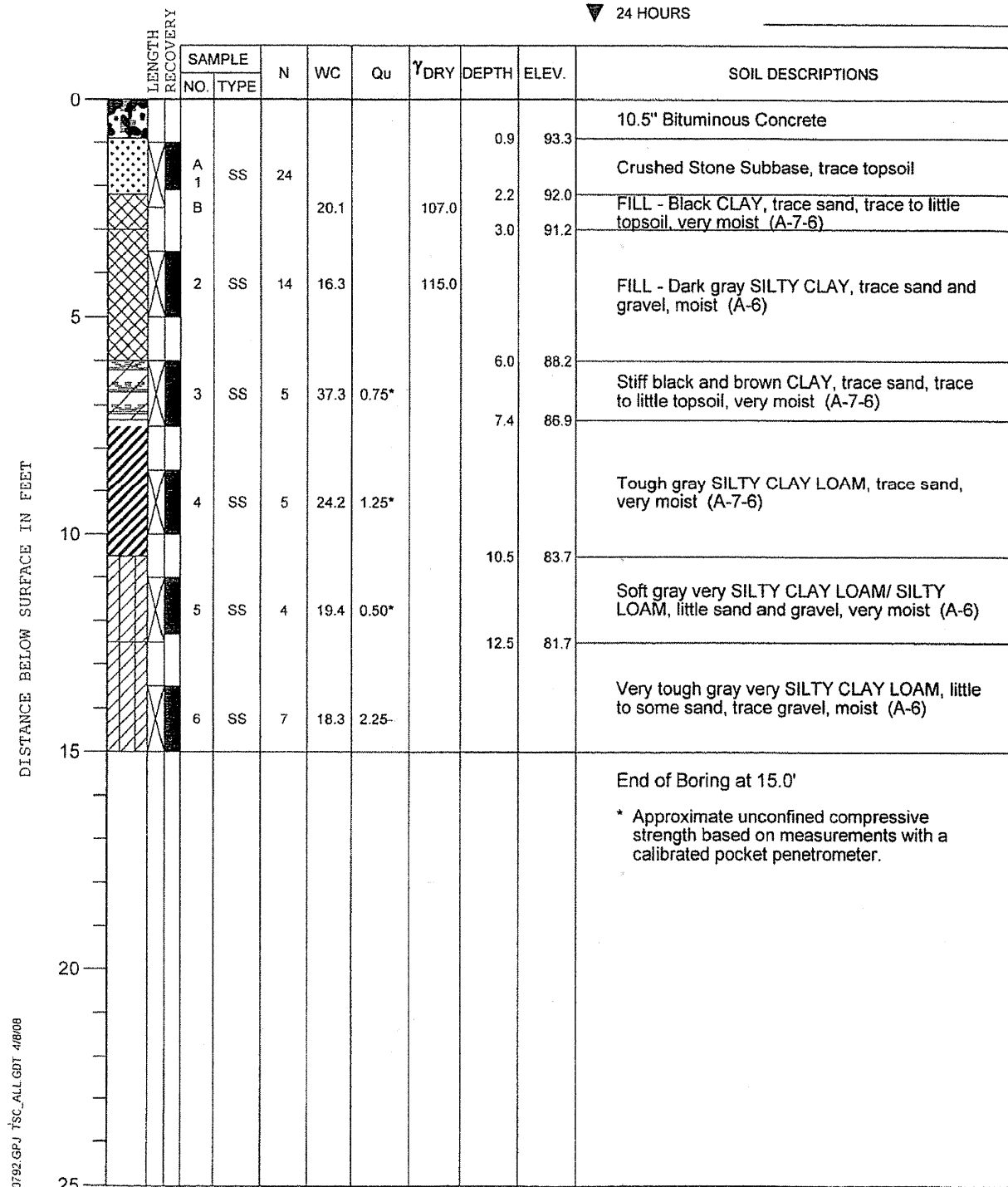
BORING 16 DATE STARTED 3-7-08 DATE COMPLETED 3-7-08 JOB L-70,792

ELEVATIONS WATER LEVEL OBSERVATIONS

GROUND SURFACE 94.2 WHILE DRILLING Dry

END OF BORING 79.2 AT END OF BORING Dry

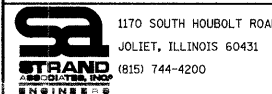
▽ 24 HOURS



DRILL RIG NO. 262

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

SEE PLAN AND PROFILE DRAWINGS FOR BORING LOCATIONS



1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = <u>sdamm</u>	DESIGNED -	REVISED -
	PLOT SCALE = <u>20.0000</u> ' / IN.	DRAWN -	REVISED -
	PLOT DATE = <u>3/31/2008</u>	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

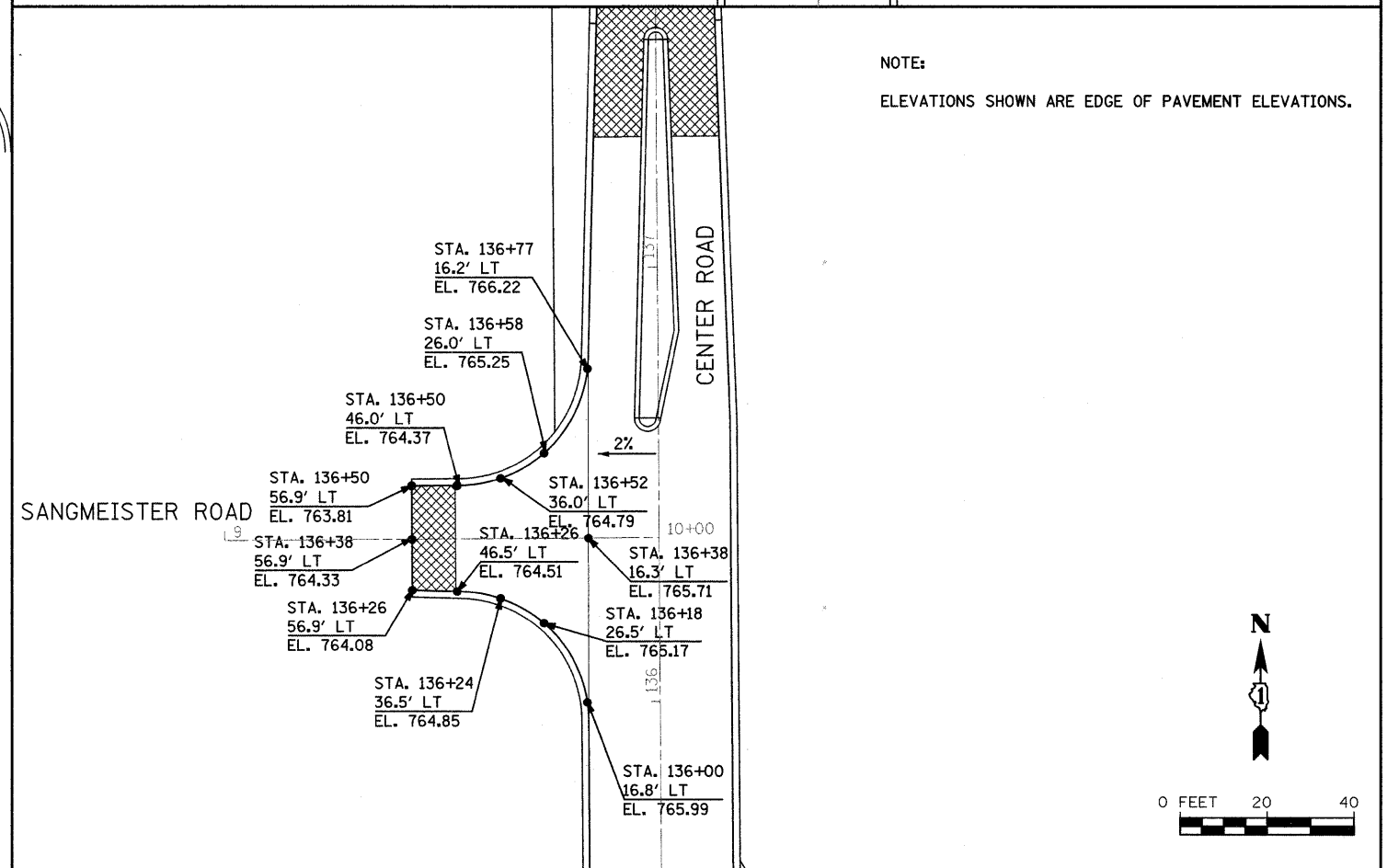
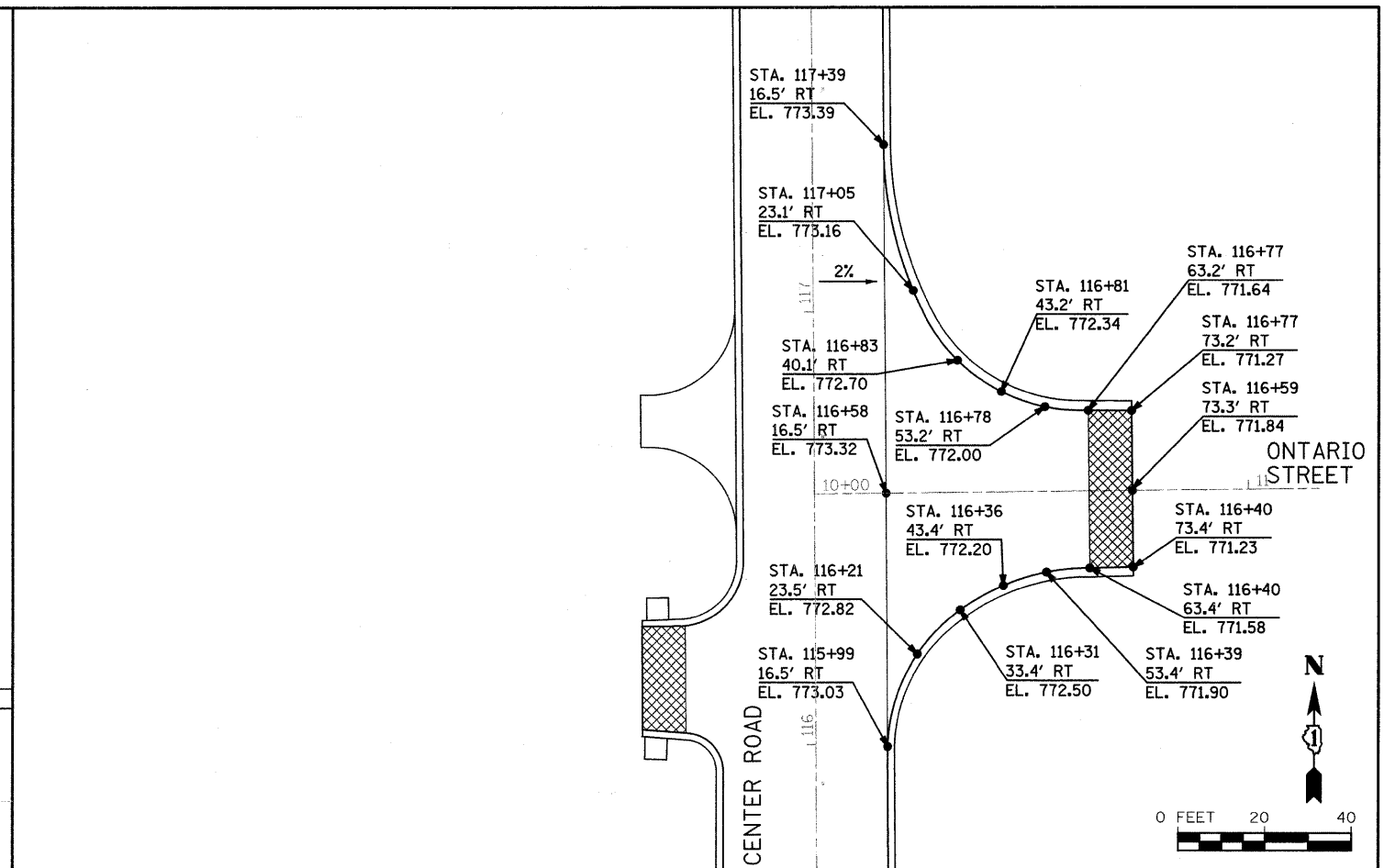
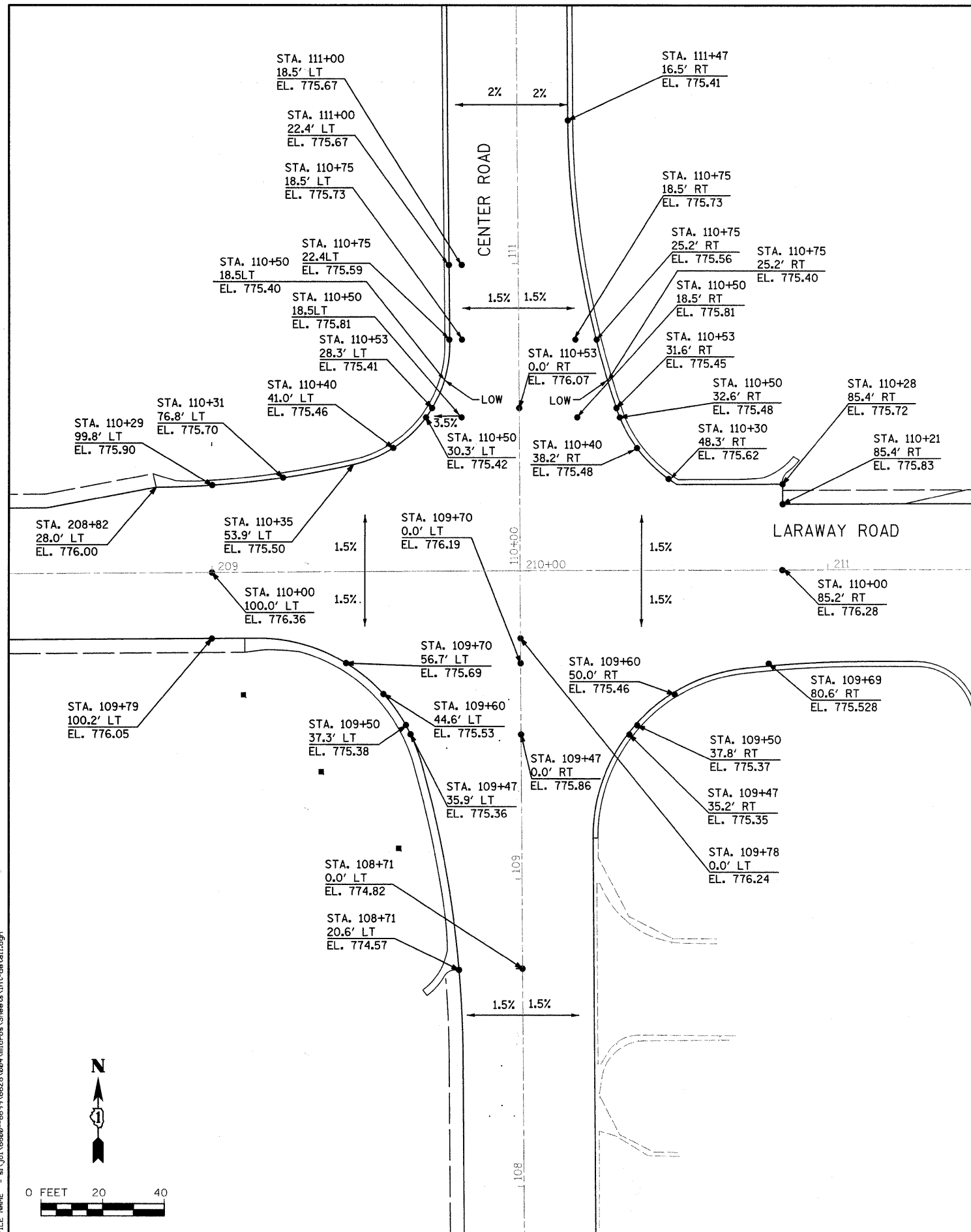
BORING LOGS

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	74
CONTRACT NO. 63248				

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

FILE NAME = s:\j\166208-6599\6628\08\macro\Boring_Log\Boring_Log.dgn



NOTE:
ELEVATIONS SHOWN ARE EDGE OF PAVEMENT ELEVATIONS.

FILE NAME = s:\proj\66280-66280\66280\micross\Sheets\int-detail.dgn

STRAND ENGINEERS
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

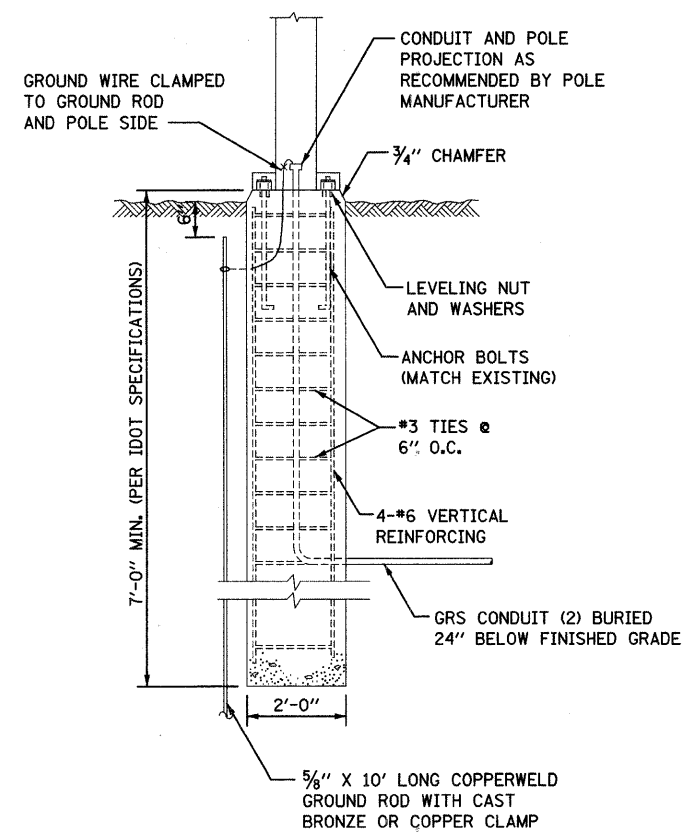
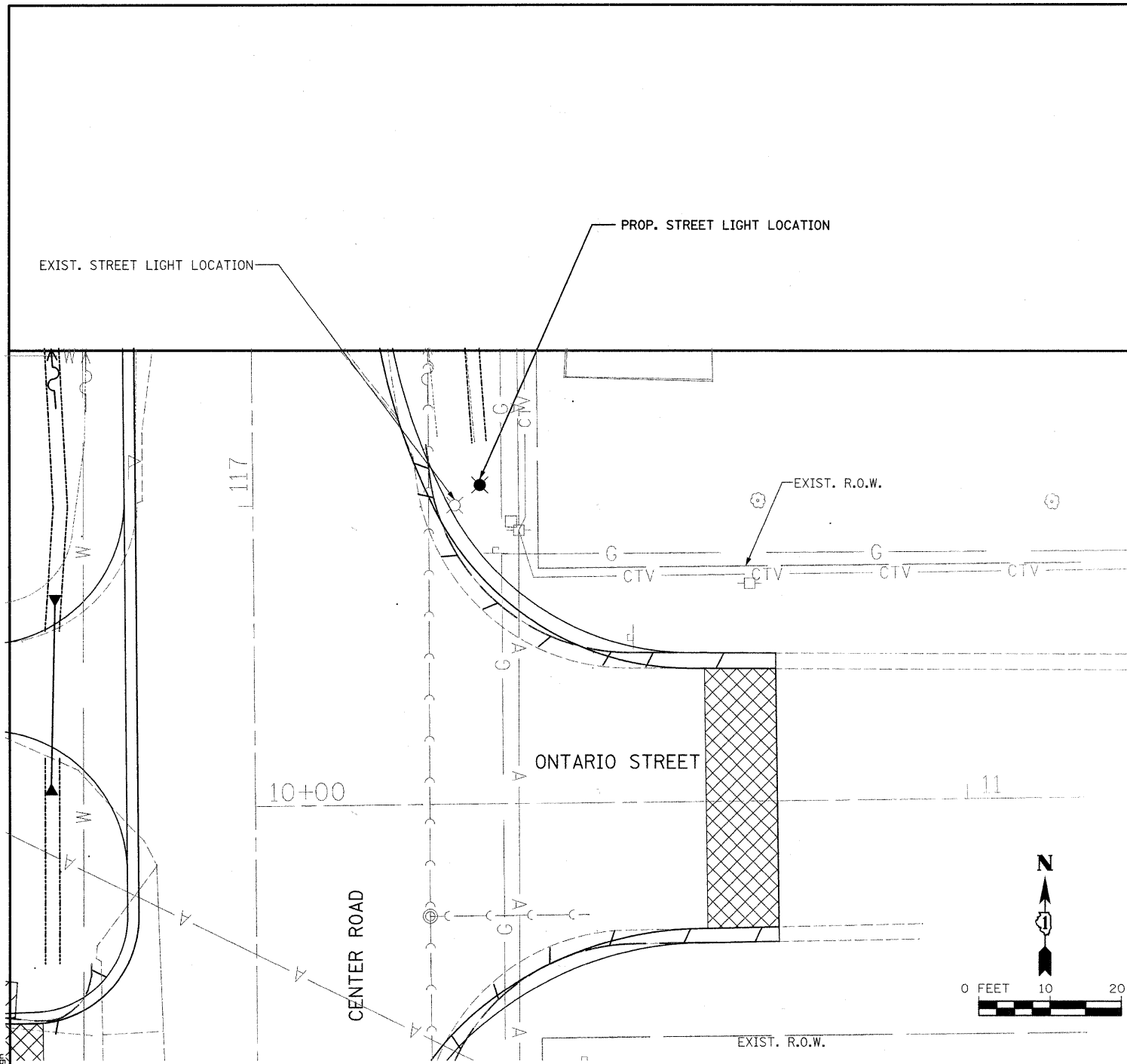
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

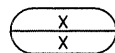
INTERSECTION DETAIL SHEET

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	75
CONTRACT NO. 63248				
ILLINOIS FED. AID PROJECT				



- NOTES:**
1. TOP OF BASE TO BE 4" ABOVE TOP OF FUTURE CURB, TOP 12" TO BE FORMED.
 2. POLE SHALL BE MOUNTED 4'-0" BACK FROM EDGE OF PAVEMENT.

 LIGHT POLE BASE-ARCHITECTURAL

FILE NAME = s:\j\16520-6859\6628\08A\micross\Sheet\Light-relocate.dwg



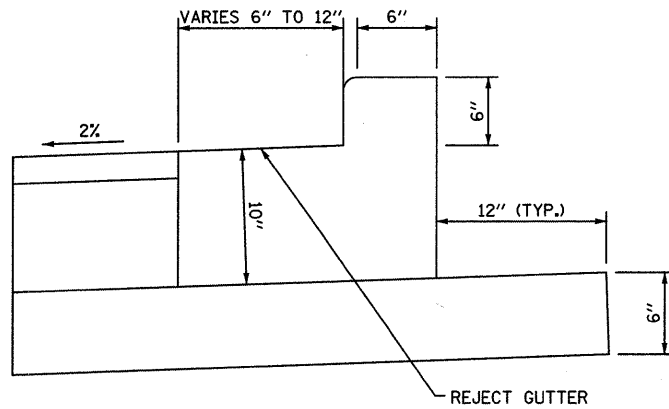
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHTING RELOCATION PLAN

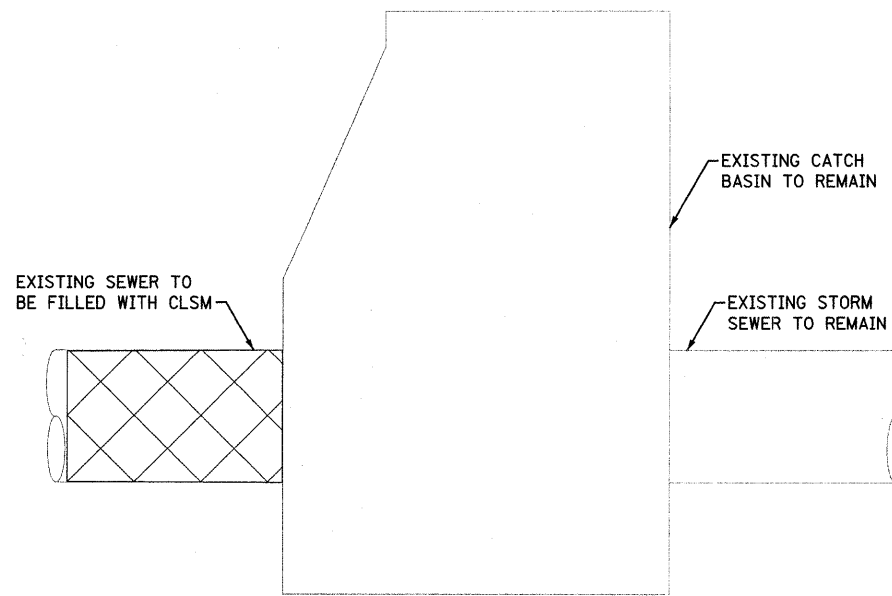
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	76
CONTRACT NO. 63248				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



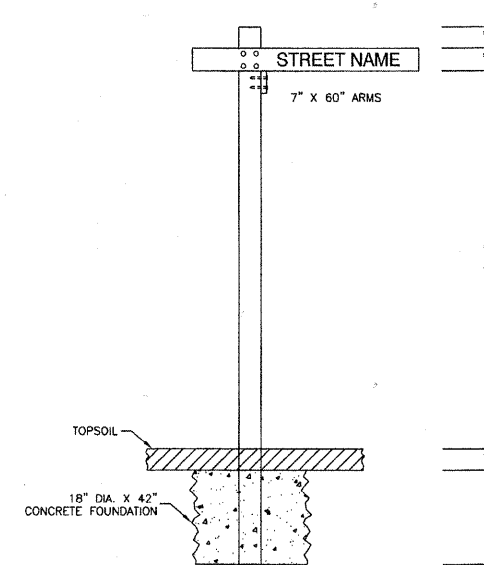
REJECT CURB AND GUTTER DETAIL

NOTE:
THIS GUTTER TYPE SHALL ONLY BE USED IN AREAS SHOWN ON THE PLANS WHERE THE GUTTER SHALL SLOPE AWAY FROM THE CURB FACE.

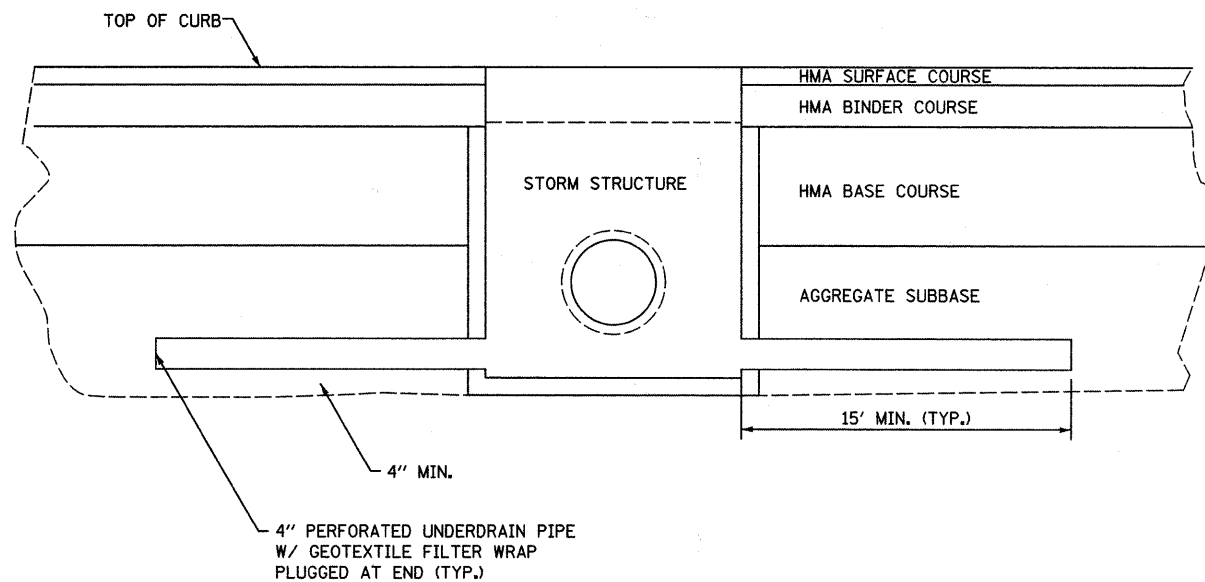


STORM SEWER TO BE FILLED

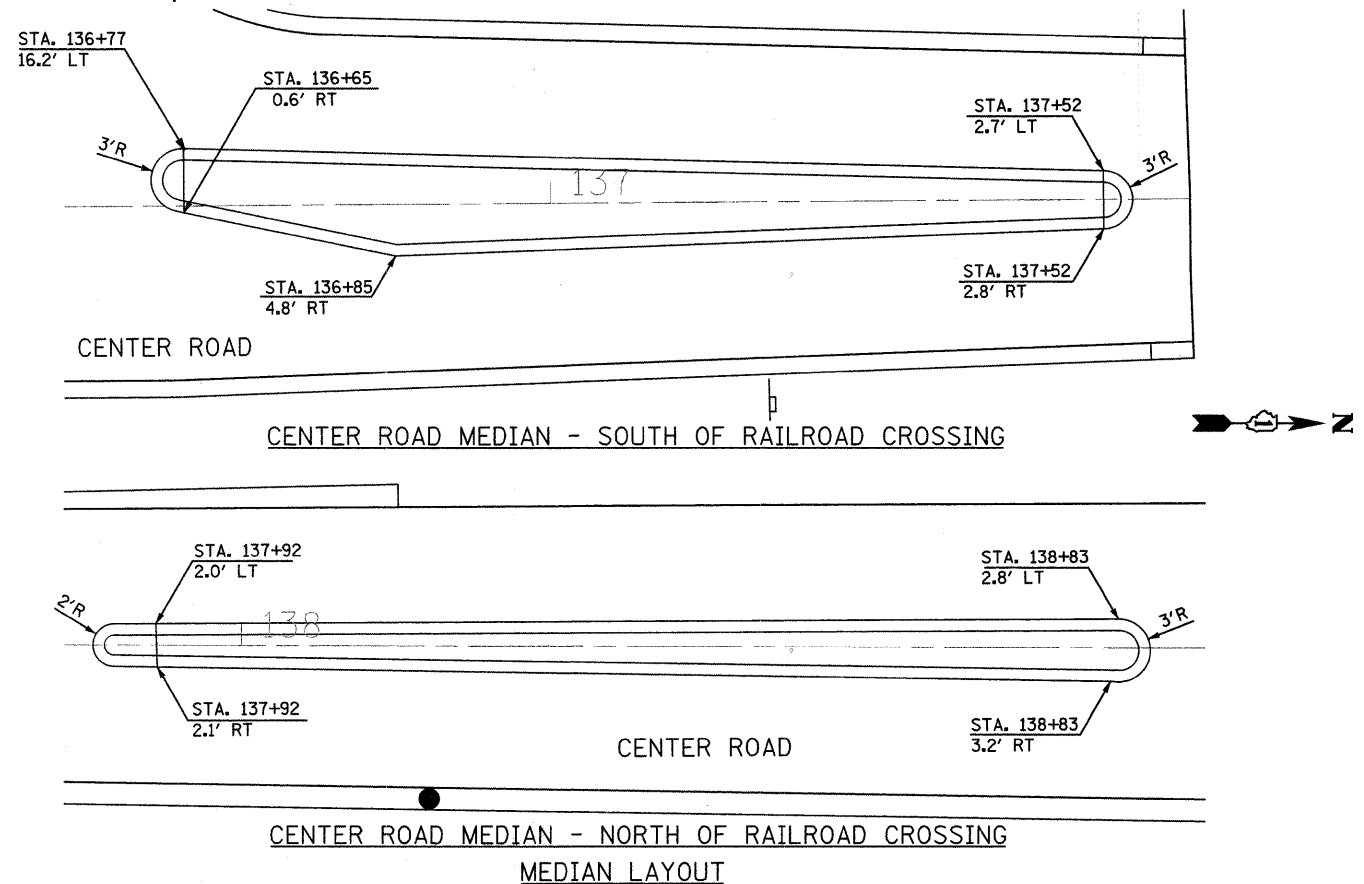
NOTE:
1. THE CONTRACTOR SHALL PROTECT ALL ITEMS TO REMAIN



REMOVING AND RESETTING STREET SIGN

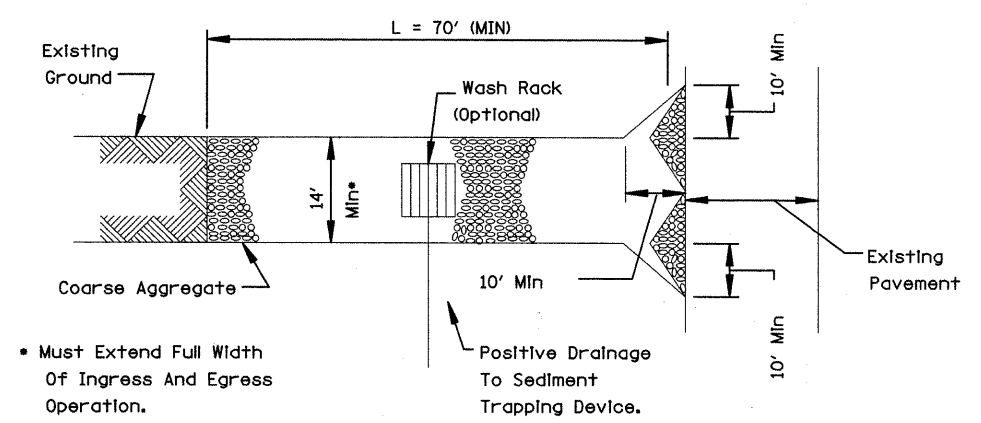


UNDERDRAIN DETAIL



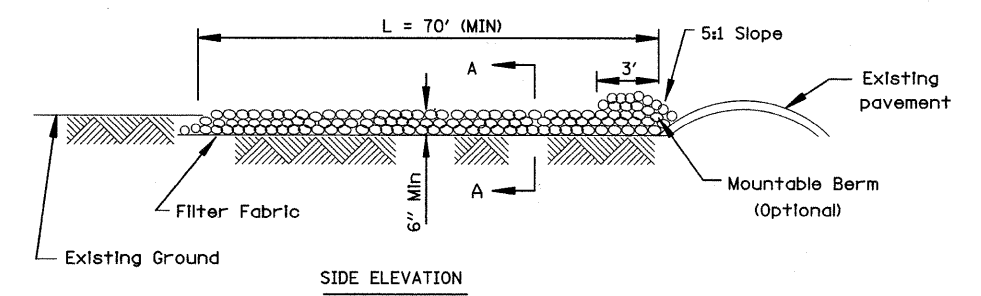
MEDIAN LAYOUT

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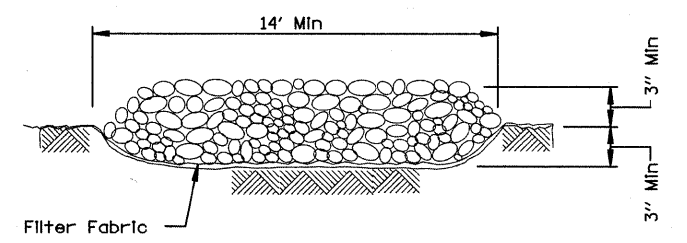


• Must Extend Full Width Of Ingress And Egress Operation.

PLAN VIEW



SIDE ELEVATION

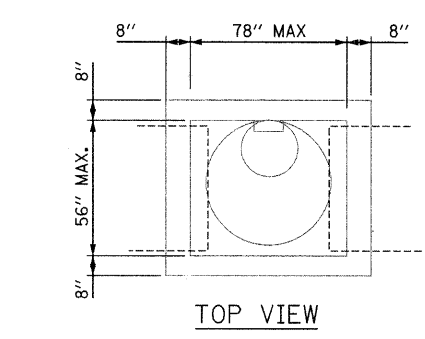


SECTION A-A

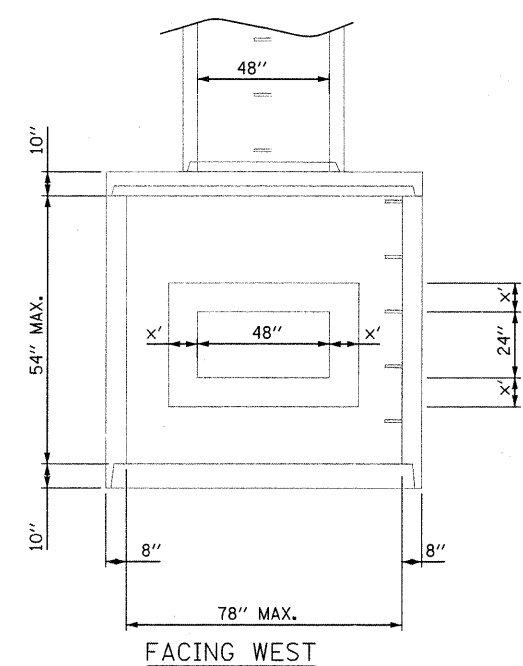
NOTES:

1. NO VEHICLES SHALL BE DRIVEN OR MOVED ON ANY STREET UNLESS SUCH MATERIAL IS FREE FROM MUD OR OTHER FOREIGN SUBSTANCE.
2. FILTER FABRIC SHALL MEET THE REQUIREMENTS OF IDOT GEOTEXTILE MATERIAL SPECIFICATIONS AND SHALL BE PLACED OVER THE CLEARED AREA PRIOR TO THE PLACEMENT OF ROCK.
3. ROCK OR RECLAIMED CONCRETE SHALL MEET ONE OF THE FOLLOWING IDOT COARSE AGGREGATE GRADATION, CA-1, CA-2, CA-3 OR CA-4 AND BE PLACED ACCORDING TO CONSTRUCTION SPECIFICATION 25 ROCKFILL USING PLACEMENT METHOD 1 AND CLASS III COMPACTION.
4. ANY WASH RACKS OR DRAINAGE FACILITIES REQUIRED BECAUSE OF WASHING SHALL BE CONSTRUCTED ACCORDING TO MANUFACTURERS SPECIFICATIONS.

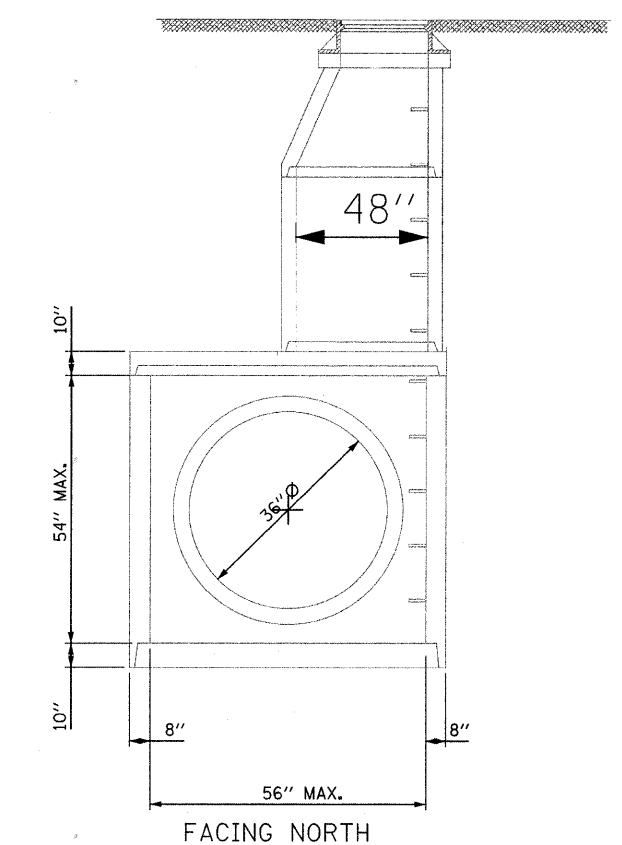
STABILIZED CONSTRUCTION ENTRANCE



TOP VIEW



FACING WEST

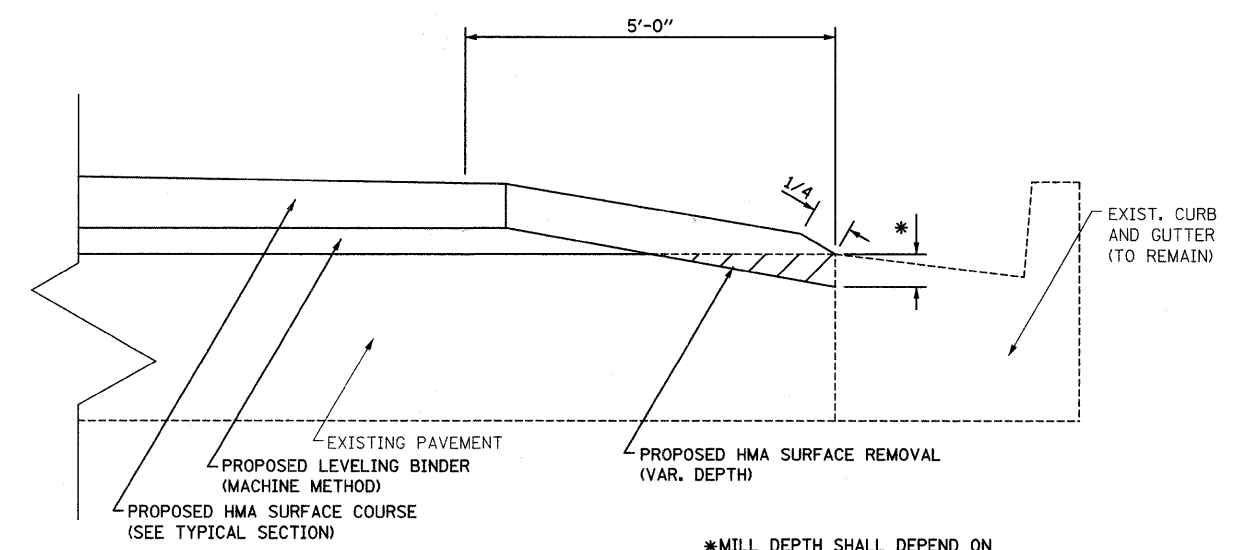


FACING NORTH

NOTE:

1. WALL THICKNESS X' ON PRECAST CONCRETE BOX CULVERT 4'x2' SHALL BE DETERMINED BY CONTRACTOR.

MANHOLES, SPECIAL
NOT TO SCALE



EDGE GRIND DETAIL

*MILL DEPTH SHALL DEPEND ON HMA SURFACE COURSE LIFT THICKNESS.

FILE NAME = m:\p1\6280-8591\6280\084\mcrora\sheet\detail.dgn

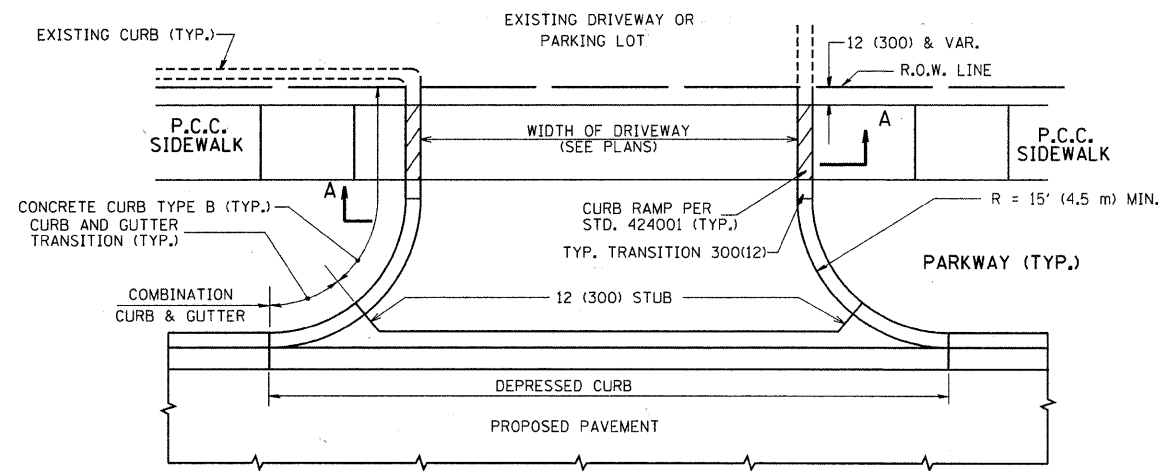


USER NAME = edamm	DESIGNED -	REVISED -
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	DATE -	REVISED -

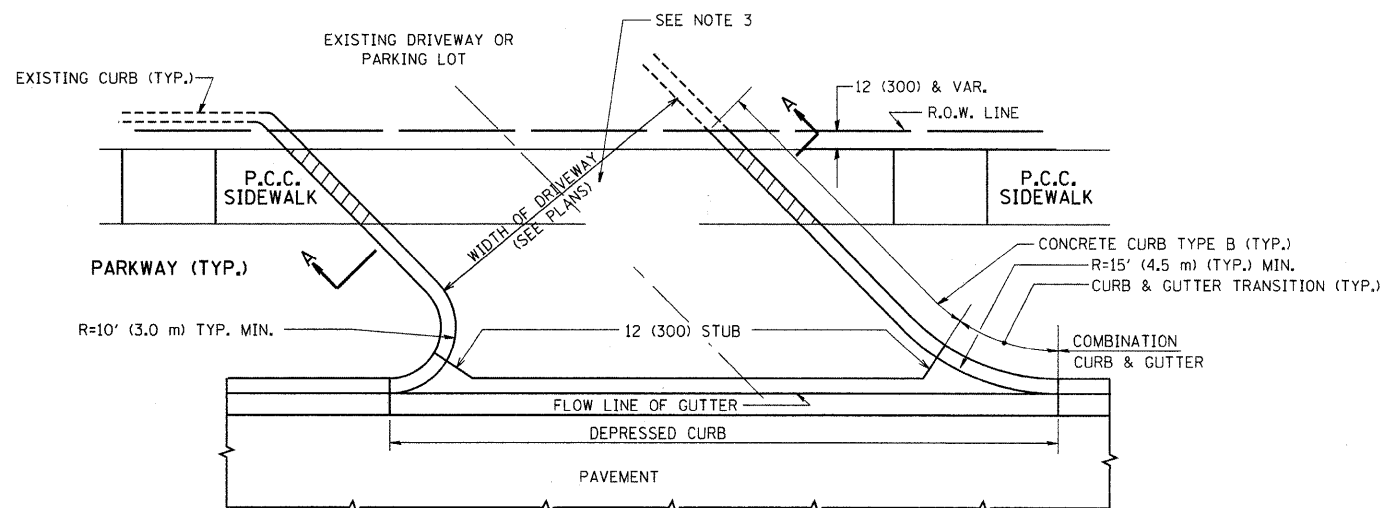
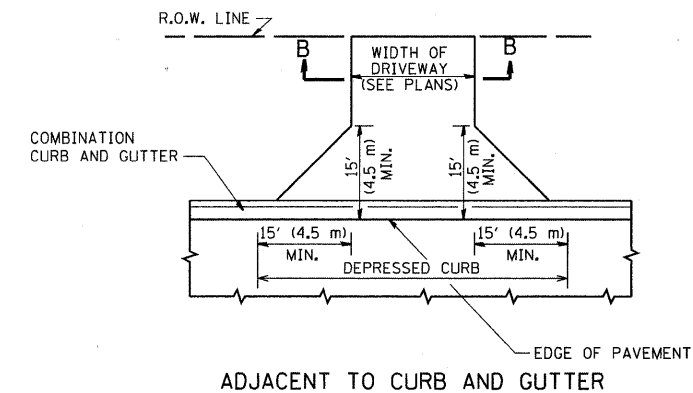
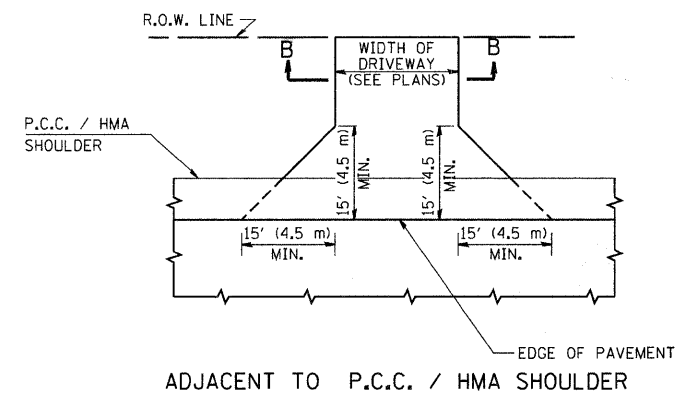
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS	
SCALE: AS SHOWN	SHEET NO. OF SHEETS STA. TO STA.

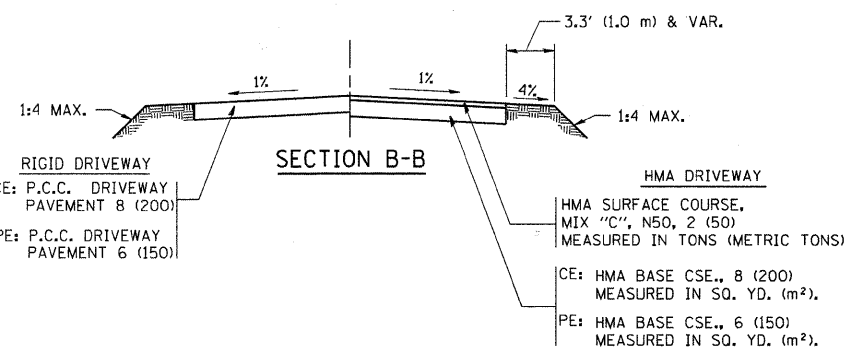
F.A.U. RTE. 3759	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 78
CONTRACT NO. 63248				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



WITH CONCRETE CURB, TYPE B



WITH CONCRETE CURB, TYPE B



RURAL FIELD ENTRANCE (FE)

HMA SURFACE COURSE, MIX "C", N50, 2 (50) MEASURED IN TONS (METRIC TONS)

AGGREGATE BASE CSE., TYPE B, 8 (200) MEASURED IN SQ. YD. (m²).

GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

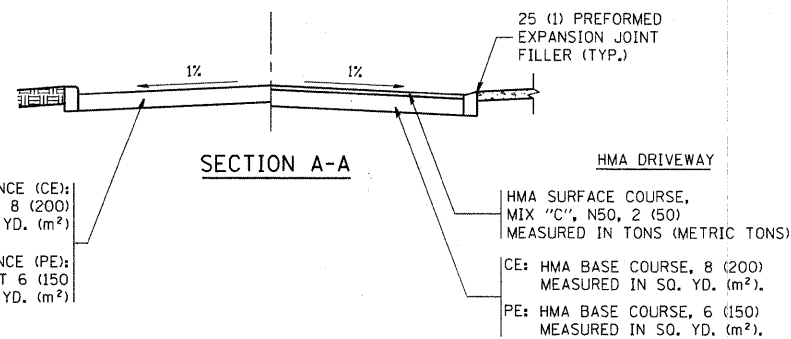
COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

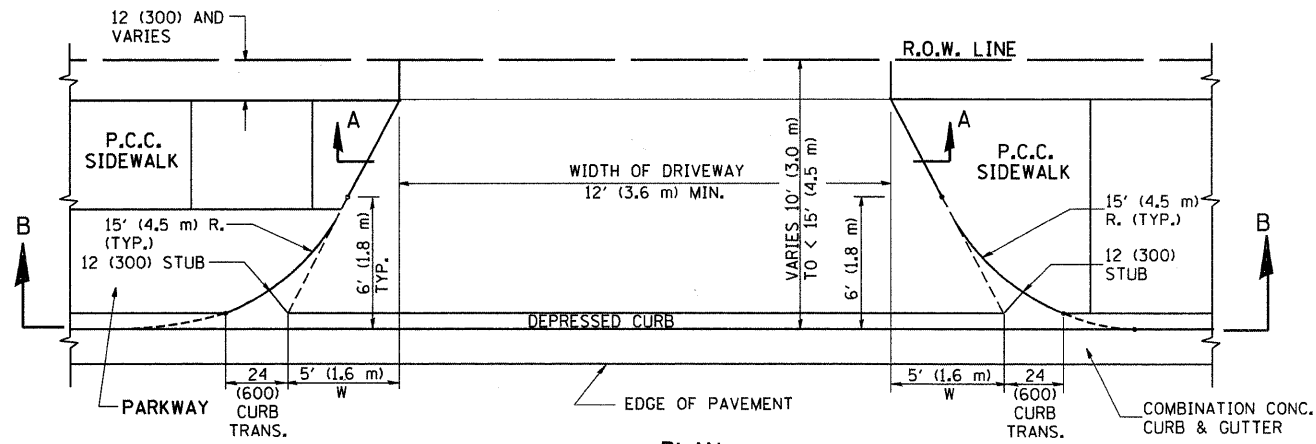
COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

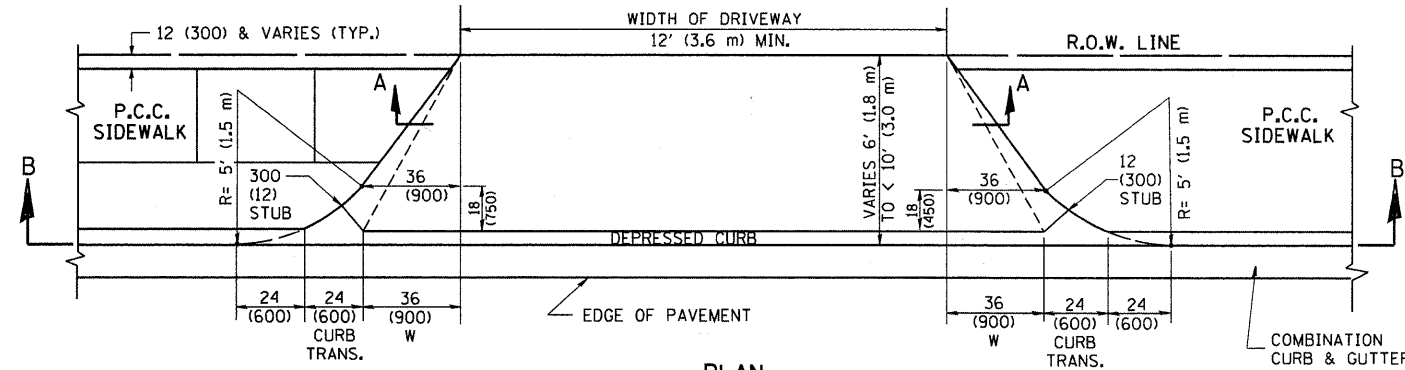
WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.



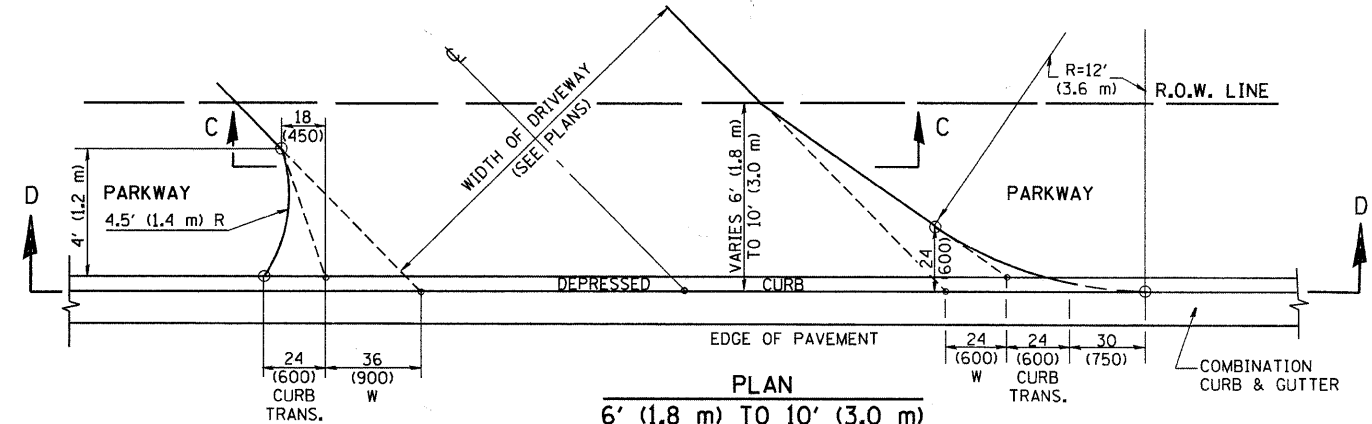
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PLOT SCALE = 49,9999' / IN.	CHECKED -	DATE - 11-04-95	REVISED - P. LOFLUER 04-15-03			BD0156-07 (BD-01)		CONTRACT NO. 63248		
PLOT DATE = 6/12/2008	CHECKED -	DATE - 11-04-95	REVISED - R. BORO 01-01-07			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	
	CHECKED -	DATE - 11-04-95	REVISED - R. BORO 06-11-08							



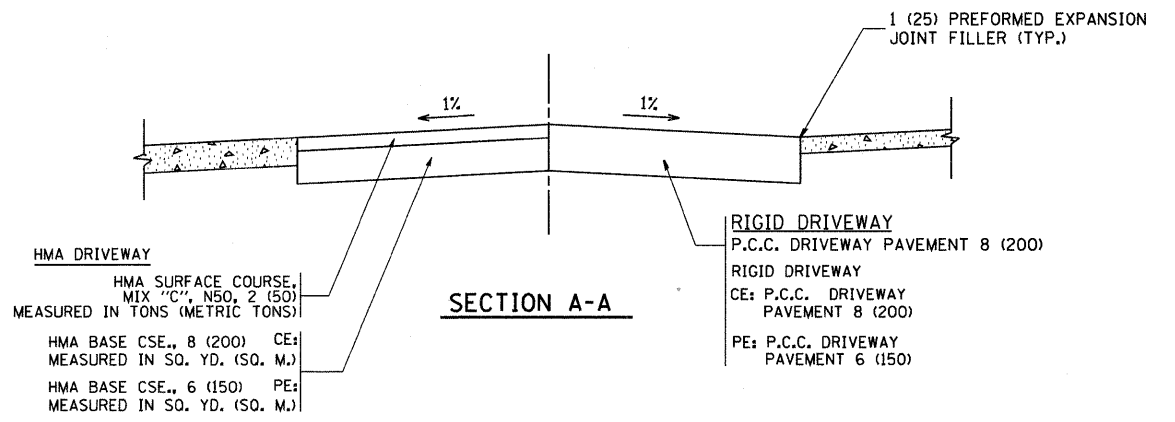
PLAN
10' (3.0 m) TO < 15' (4.5 m)



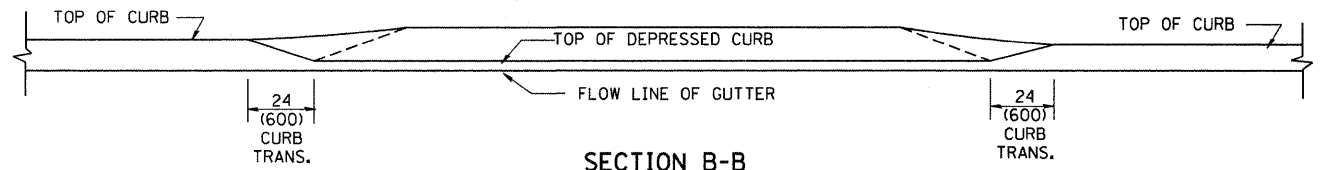
PLAN
6' (1.8 m) TO < 10' (3.0 m)



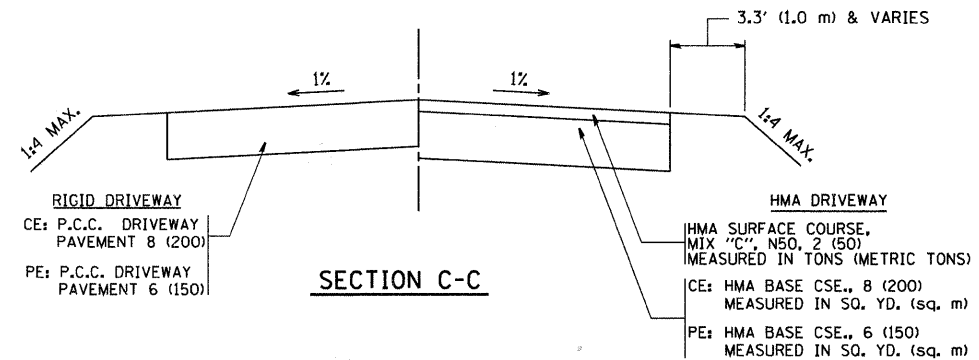
PLAN
6' (1.8 m) TO 10' (3.0 m)



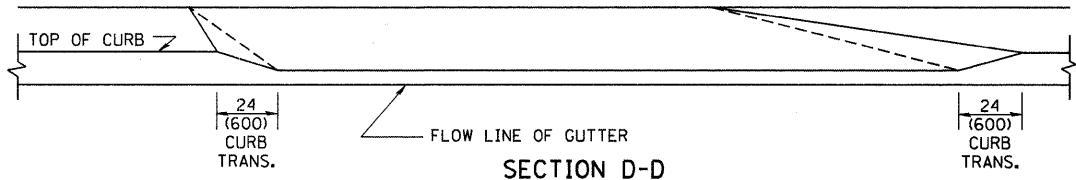
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

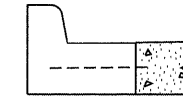
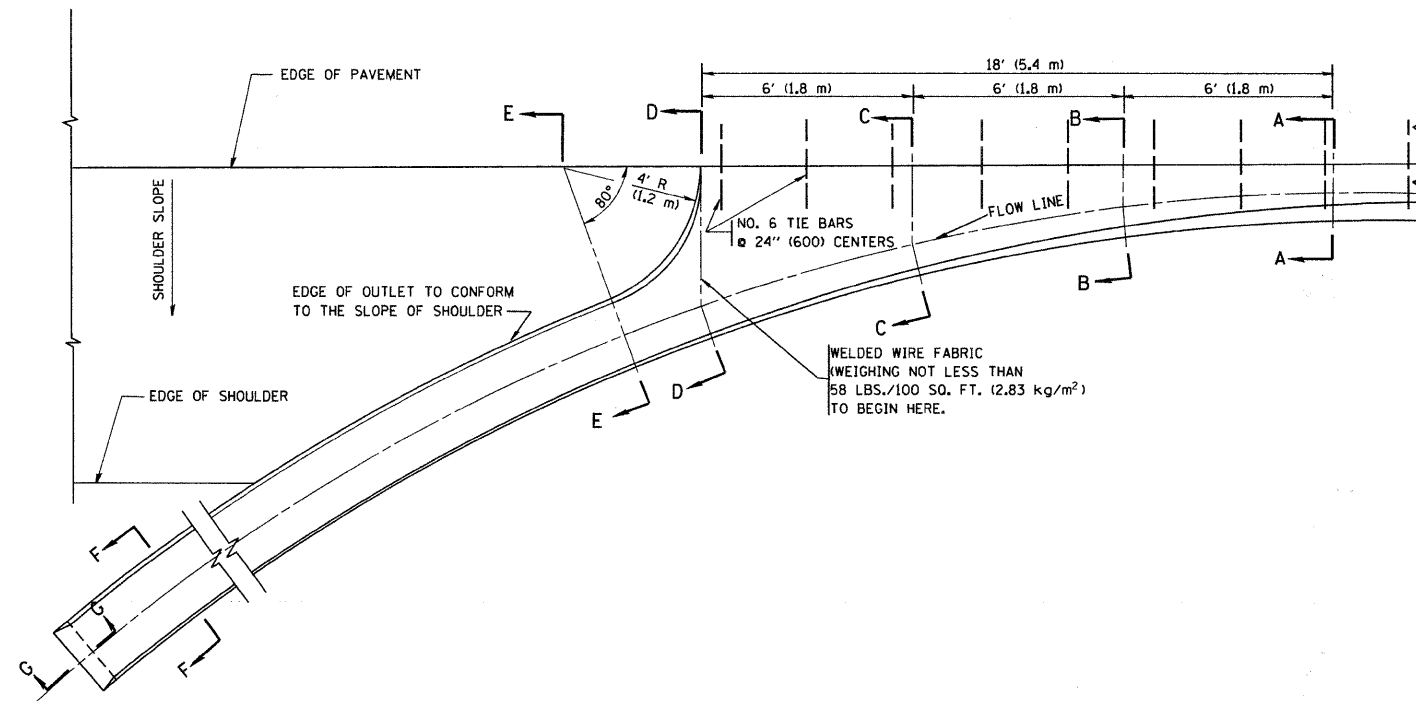
COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

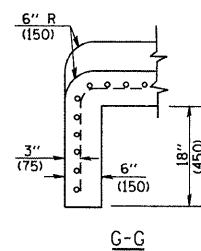
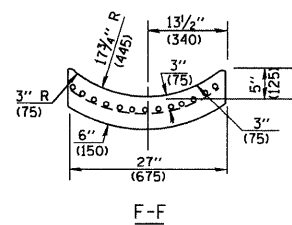
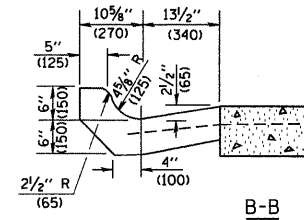
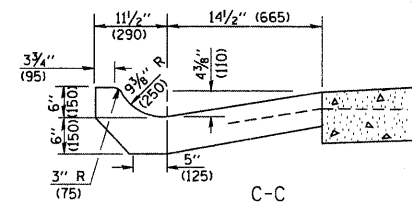
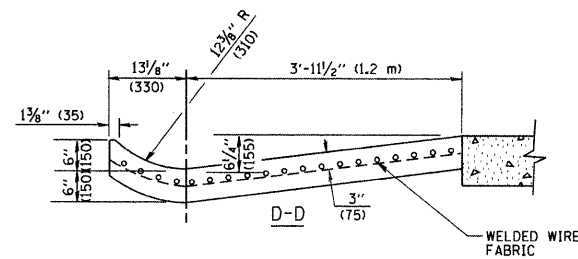
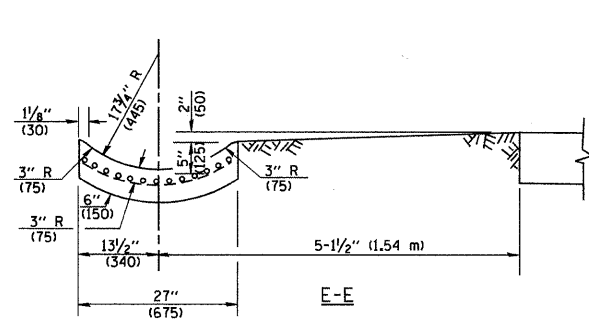
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

FILE NAME = W:\dstatd\22x34\bd02.dgn	USER NAME = goglianob	DESIGNED - R. SHAH	REVISED - T. HOLTZ 04-08-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY DETAILS		F.A. RTE. = 3759	SECTION = 04-00038-00-WR	COUNTY = WILL	TOTAL SHEETS = 185	SHEET NO. = 80	
PLOT SCALE = 5/8" = 1' / IN.		DRAWN -	REVISED - M. GOMEZ 04-06-01		DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)		BD400-02 (BD-02)		CONTRACT NO. 63248			
PLOT DATE = 1/4/2008		CHECKED -	REVISED - P. LOFLEUR 04-15-03		SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA. TO STA.		FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT	
		DATE = 11-06-95	REVISED - R. BORO 01-01-07		SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA. TO STA.		FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT	



A-A *

* DIMENSIONS OF THE CURB & GUTTER AT SECTION A-A ARE SHOWN ON STATE STANDARD 606001. FOR DETAILS OF OUTLET FOR CONCRETE CURB & GUTTER, TYPE B-6.24 (B-15.60) SEE STATE STANDARD 606006.



GENERAL NOTES

GUTTER OUTLET SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.

TIE BARS SHALL BE NO. 20 (NO.6) AT 24" (600) CENTERS UNLESS OTHERWISE SHOWN.

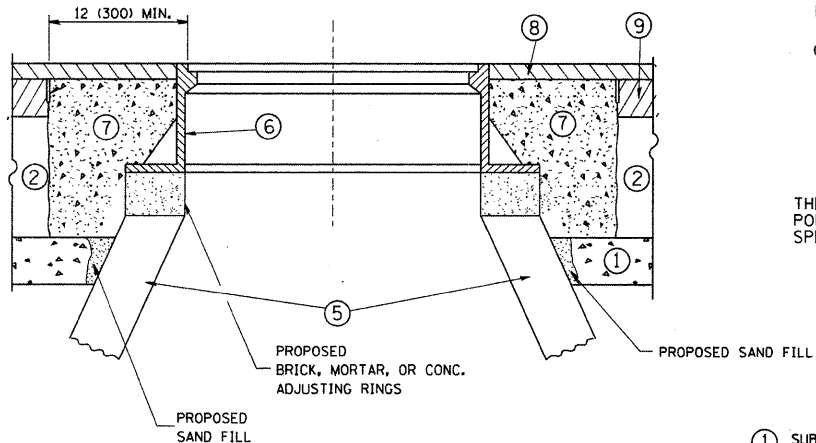
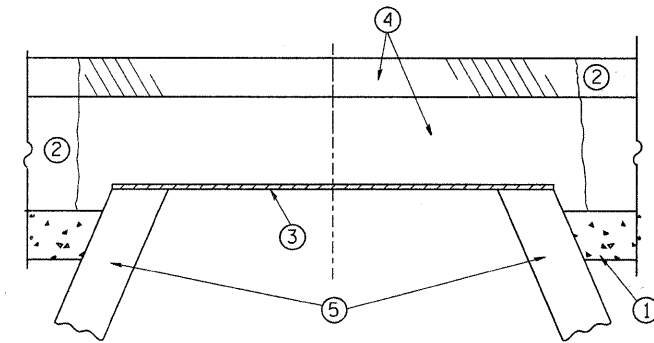
IF THE AVERAGE GRADE OF PAVEMENT FOR THE DISTANCE FROM SECTION A-A TO D-D EXCEEDS 2%, THIS DISTANCE SHALL BE INCREASED 6' (1.8 m) FOR EACH 1% INCREASE IN GRADE.

QUANTITIES

FOR SECTION A-A TO E-E AND CURTAIN WALL =
 1.25 CU. YDS. (0.96 m³) CLASS S1 CONCRETE (OUTLET) FOR 9" (225) PAV'T.
 1.27 CU. YDS. (0.96 m³) CLASS S1 CONCRETE (OUTLET) FOR 10" (250) PAV'T.
 FOR SECTION F-F =
 0.045 CU. YDS. (0.03 m³) CLASS S1 CONCRETE PER FT. (m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\bd83.dgn	USER NAME = geglanoht	DESIGNED - M. DE YONG	REVISED - R. SHAH 09-09-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OUTLET FOR CONCRETE CURB AND GUTTER			F.A. RTE. = 3759	SECTION = 04-00038-00-WR	COUNTY = WILL	TOTAL SHEETS = 165	SHEET NO. = 81
	PLOT SCALE = 50,0000' / IN.	DRAWN -	REVISED - R. SHAH 10-25-94		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	BD600-01 (BD-03) CONTRACT NO. 63248				
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - E. GOMEZ 12-21-00		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE = 08-04-86	REVISED -									



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS SI CONCRETE, OR HMA SURFACE COURSE OR HMA BINDER COURSE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS.

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS SI CONCRETE, HMA SURFACE COURSE OR HMA BINDER COURSE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT: THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "FRAMES AND LIDS TO BE ADJUSTED, SPECIAL"
NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

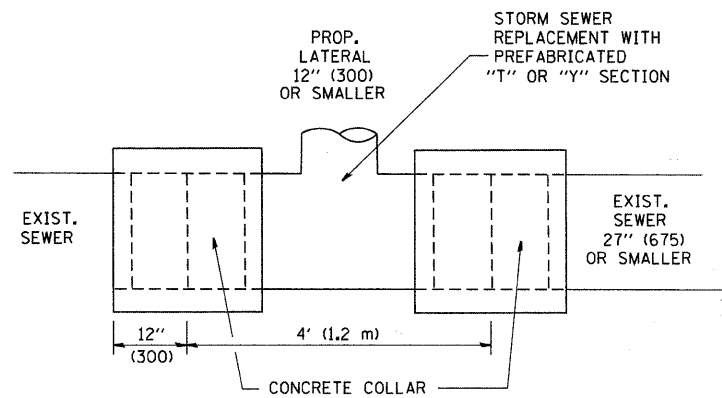
THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

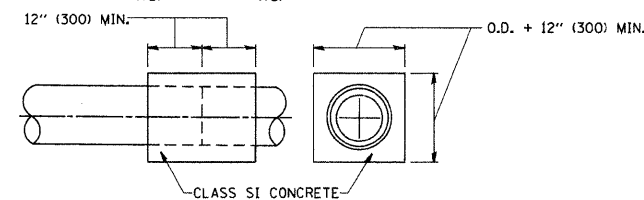
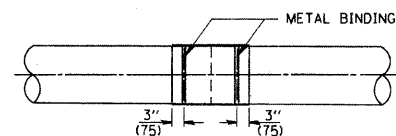
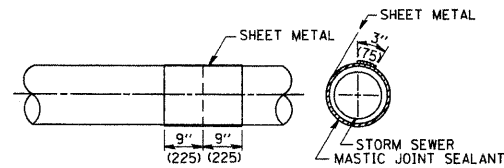
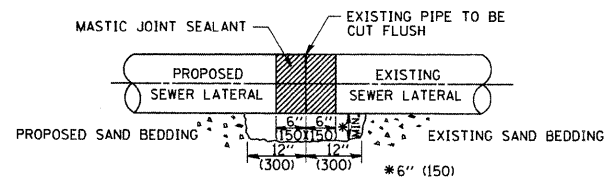
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME = W:\diststd\22x34\bd08.dgn	USER NAME = geglianobt	DESIGNED - R. SHAH	REVISED - R. SHAH 03-10-95	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING		F.A. RTE. = 3759	SECTION = 04-00038-00-WR	COUNTY = WILL	TOTAL SHEETS = 165	SHEET NO. = 82
	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED - A. ABBAS 03-21-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	BD600-03 (BD-8)		CONTRACT NO. = 63248	
	CHECKED -	DATE = 10-25-94	REVISED - R. WIEDEMAN 05-14-04								
	PLOT DATE = 1/4/2008	DATE = 10-25-94	REVISED - R. BORO 01-01-07								



DETAIL "A"

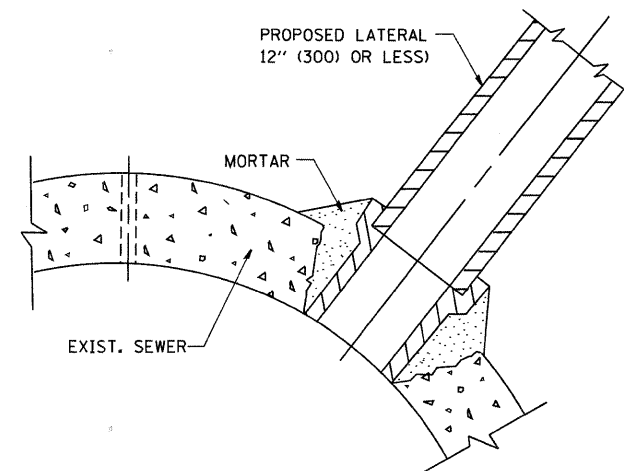
LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER



DETAIL "B"
CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"
PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

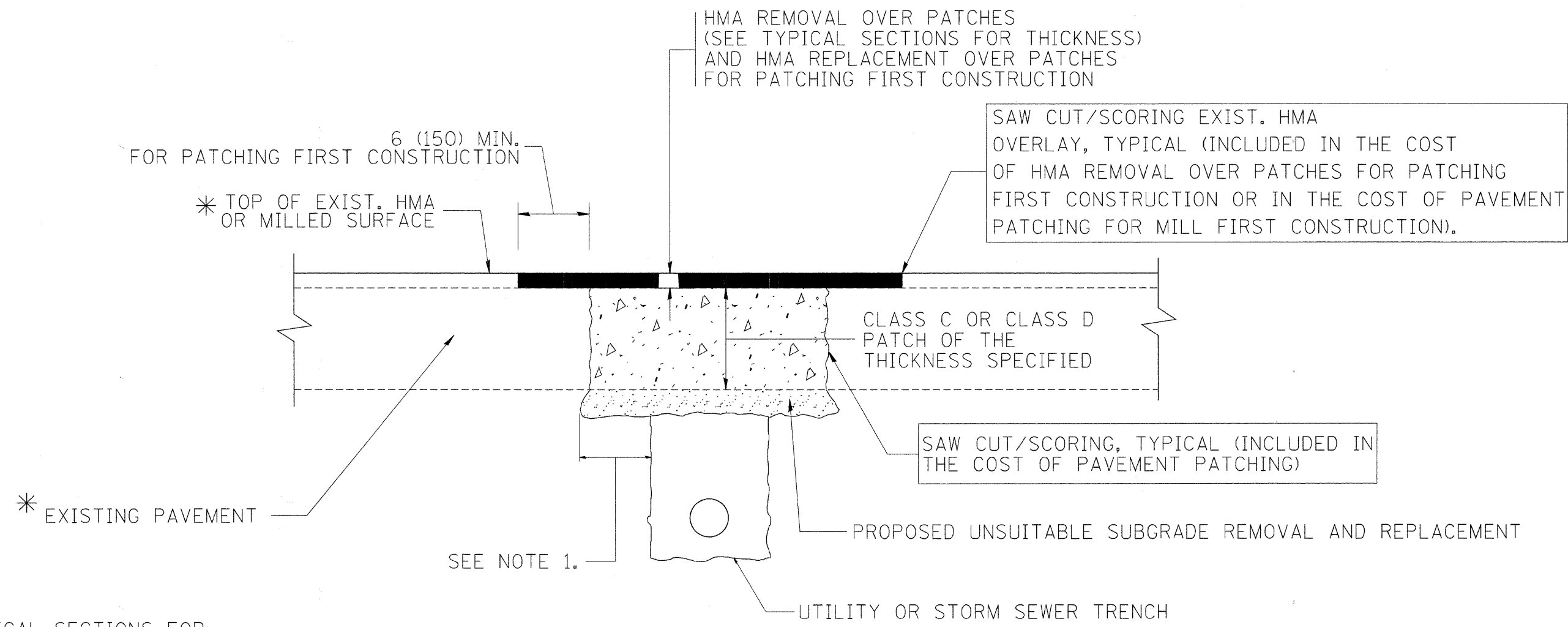
REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\distatd\22x34\bd07.dgn	USER NAME = gegljanobt	DESIGNED - M. DE YONG	REVISED - M. DE YONG 05-08-92	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER		F.A. RTE. = 3759	SECTION = 04-00038-00-WR	COUNTY = WILL	TOTAL SHEETS = 165	SHEET NO. = 83	
	PLOT SCALE = 50,000' / IN.	DRAWN -	REVISED - R. SHAH 09-09-94		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	BD500-01 (BD-7) CONTRACT NO. 63248				
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - R. SHAH 10-25-94									
		DATE = 07-25-90	REVISED - R. SHAH 06-12-96									



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = c:\projects\diststd22x34\bd22.dgn	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	F.A. RTE. = 3759	SECTION = 04-00038-00-WR	COUNTY = WILL	TOTAL SHEETS = 165	SHEET NO. = 84	
PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - R. BORO 09-04-07	SCALE = NONE			SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	BD400-04 (BD-22)		CONTRACT NO. 63248	
PLOT DATE = 10/27/2008	DATE = 10-25-94	REVISED - K. ENG 10-27-08	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

1/4" (5) **

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY,

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

BASIS OF PAYMENT:

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

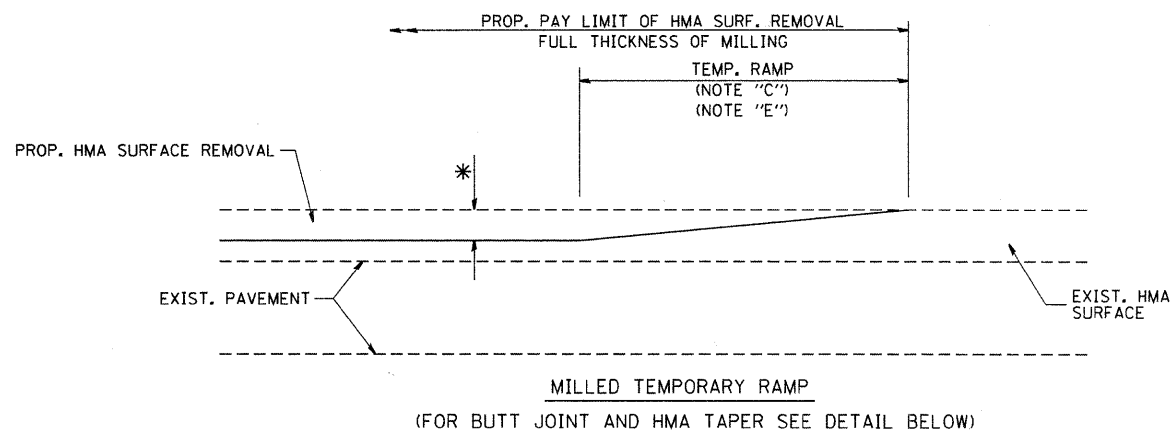
⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

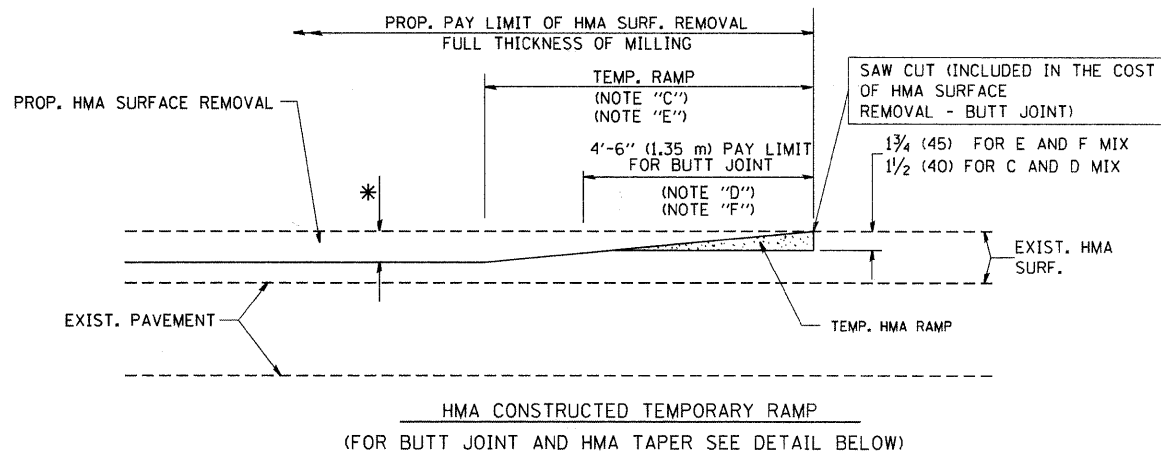
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

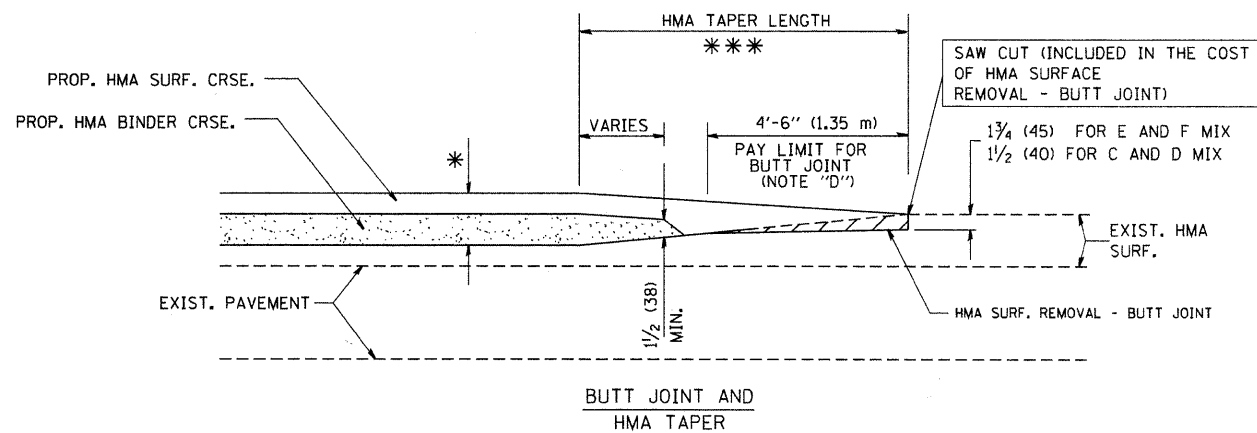
FILE NAME =	USER NAME = drivakosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwork\pwork\drivakosgn\d0100315\bd24.dgn	DRAWN -	REVISED - A. ABBAS 03-21-97	3759			04-00038-00-WR	WILL	165	85	
PLOT SCALE = 50,000 1/4 IN.	CHECKED -	REVISED - M. GOMEZ 01-22-01	BD600-06 (BD-24)			CONTRACT NO. 63248				
PLOT DATE = 12/15/2009	DATE - 03-11-94	REVISED - R. BORO 12-15-09	SCALE: NONE			SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		



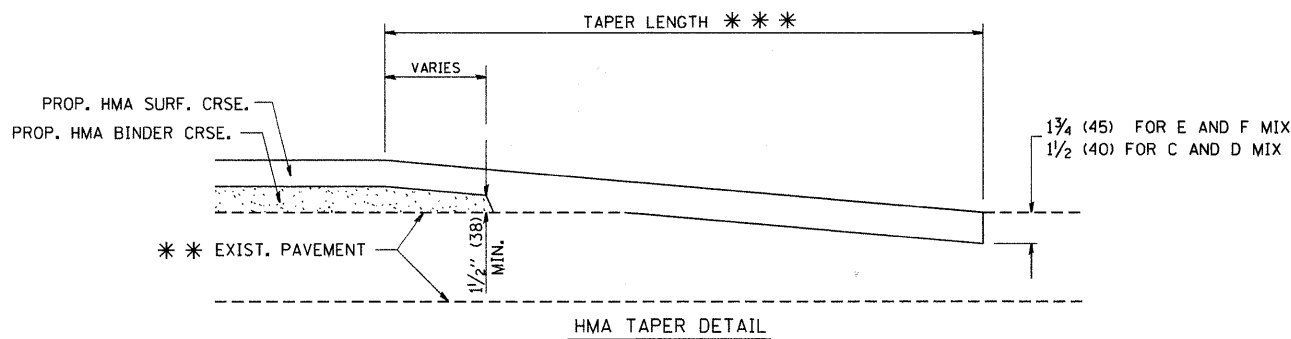
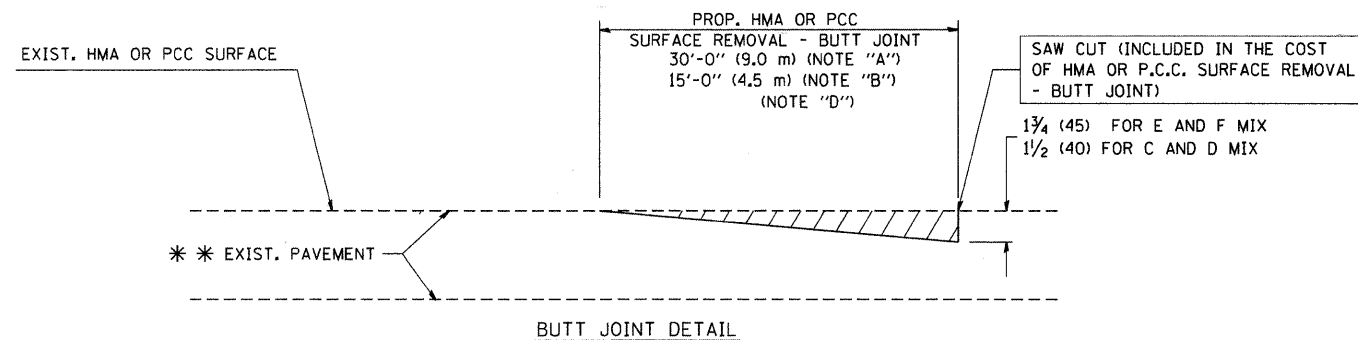
OPTION 1



**OPTION 2
TYPICAL TEMPORARY RAMP**



**TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING**



**TYPICAL BUTT JOINT AND HMA TAPER
FOR RESURFACING ONLY**

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

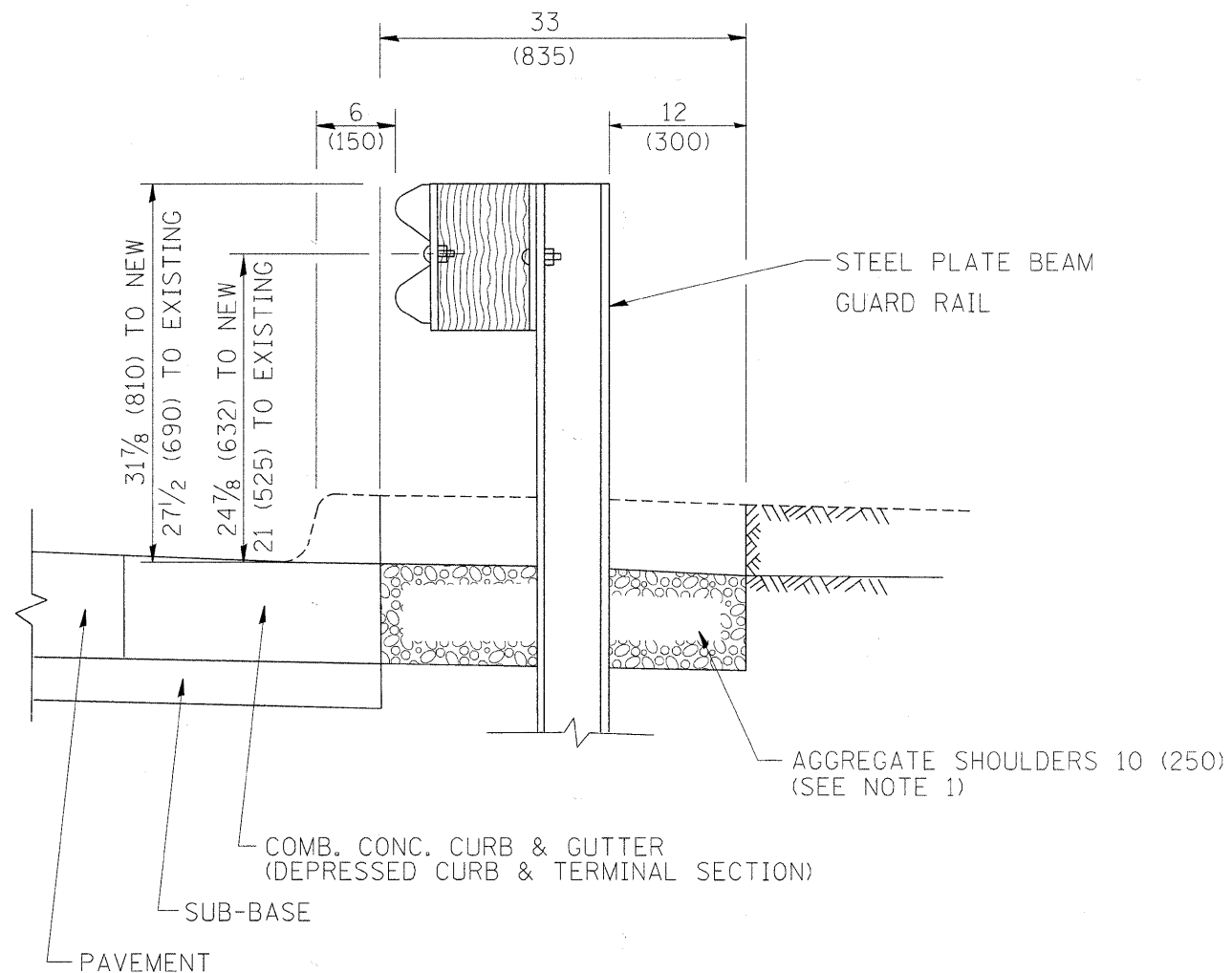
- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

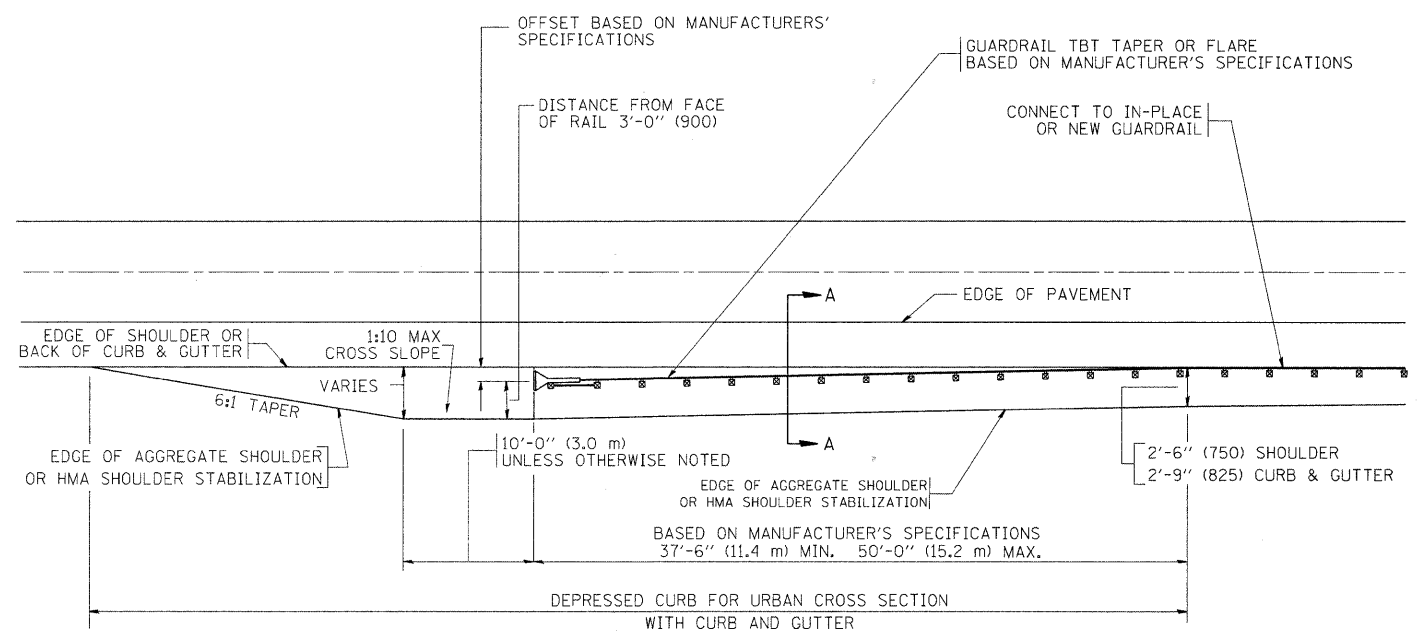
FILE NAME = W:\diststd\22x34\bd32.dgn	USER NAME = geglianobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT AND HMA TAPER DETAILS		F.A. RTE. 3759	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 86
PLOT SCALE = 50,0000 ' / IN.	CHECKED - M. GOMEZ 04-06-01	DATE - 06-13-90	REVISED - A. ABBAS 03-21-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	BD400-05 BD32		CONTRACT NO. 63248	
PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



SECTION A-A

- NOTES:
1. THE AGGREGATE SHOULDER, 10" OR HMA SHOULDER, 6" (IF REQUIRED) SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL.
 2. "EXISTING" GUARDRAIL REFERS TO CONNECTING TERMINAL SECTION TO GUARD RAILING PRIOR TO THE MIDWEST GUARDRAIL SYSTEM.
 3. THE CONTRACTOR SHALL VERIFY THE TYPE/HEIGHT OF GUARDRAIL IN-PLACE BEFORE ORDERING THE NEW TERMINAL SECTION. COST INCLUDED WITH THE COST OF THE TERMINAL. THE TERMINAL SECTION HEIGHT TO BE PLACED MUST MATCH THE HEIGHT OF THE IN-PLACE GUARDRAIL.

**DETAILS FOR STEEL PLATE BEAM
GUARD RAIL ADJACENT TO CURB AND GUTTER
[FOR ROADWAY SPEED 35 MPH (60 kmh) TO 45 MPH (70 kmh)]**



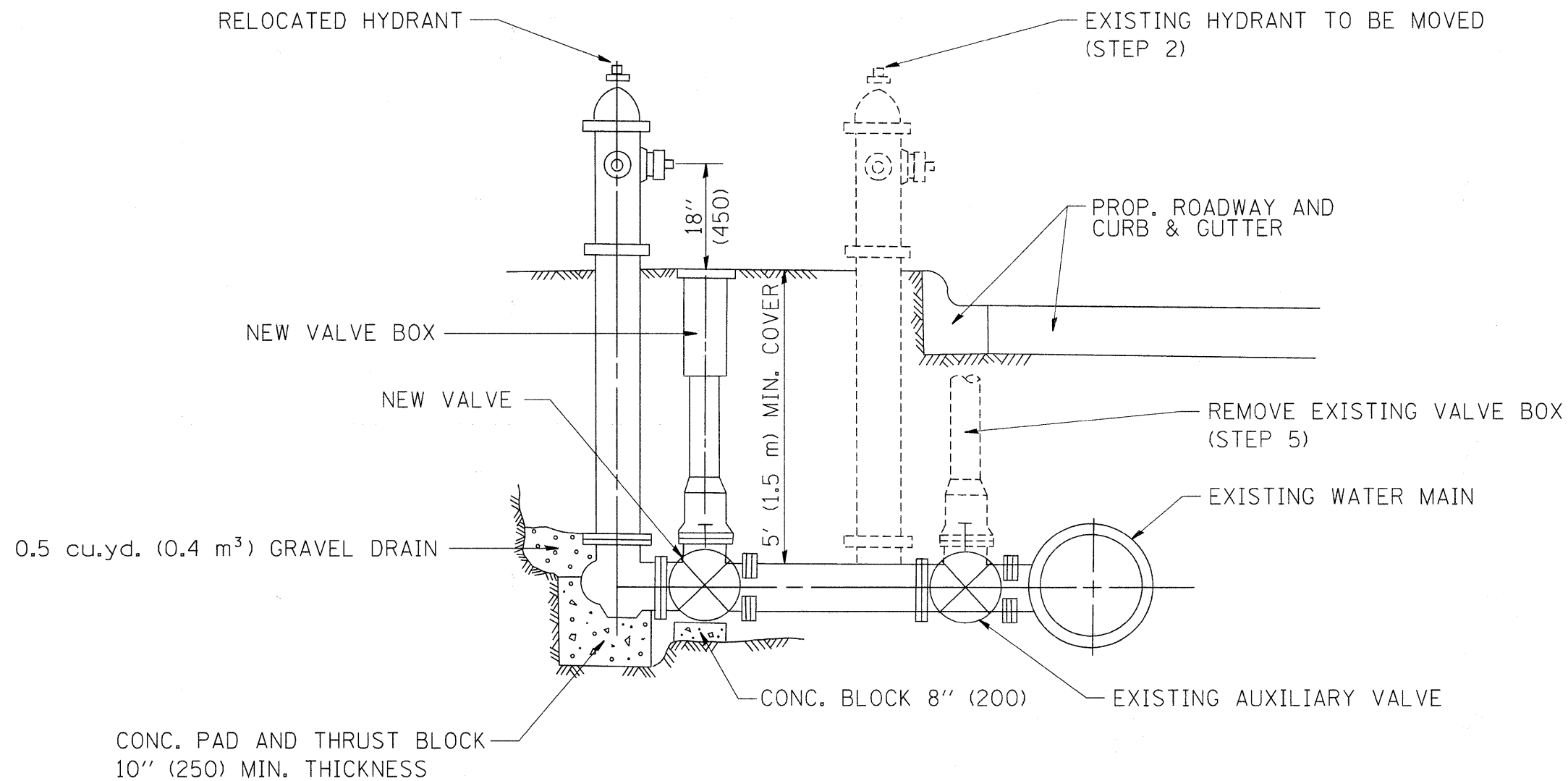
**DEPRESSED CURB AND GUTTER AND
SHOULDER TREATMENT AT TBT TY. 1 SPL.**

BASIS OF PAYMENT: HMA SHOULDERS 6 (150) (IF REQUIRED) WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SHOULDERS 6" (150 mm)".

STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

TBT = TRAFFIC BARRIER TERMINAL
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = drivakosgn	DESIGNED - M. DE YONG	REVISED - E. GOMEZ 08-28-00	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS FOR DEPRESSED CURB & GUTTER AND SHOULDER TREATMENT AT TBT TY 1 SPL.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\p100\DRIVAKOSGN\d018315\434.dgn	DRAWN -	REVISED - R. BORO 01-01-07	3759			04-00038-00-WR	WILL	165	87	
PLOT SCALE = 49,9999 1/2 IN.	CHECKED -	REVISED - R. BORO 12-08-2008	BD600-10 (BD 34)			CONTRACT NO. 63248				
PLOT DATE = 9/21/2009	DATE - 09-22-90	REVISED - R. BORO 09-14-2009	SCALE: NONE			SHEET NO. 1 OF 1 SHEETS		STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



SEQUENCE OF CONSTRUCTION:

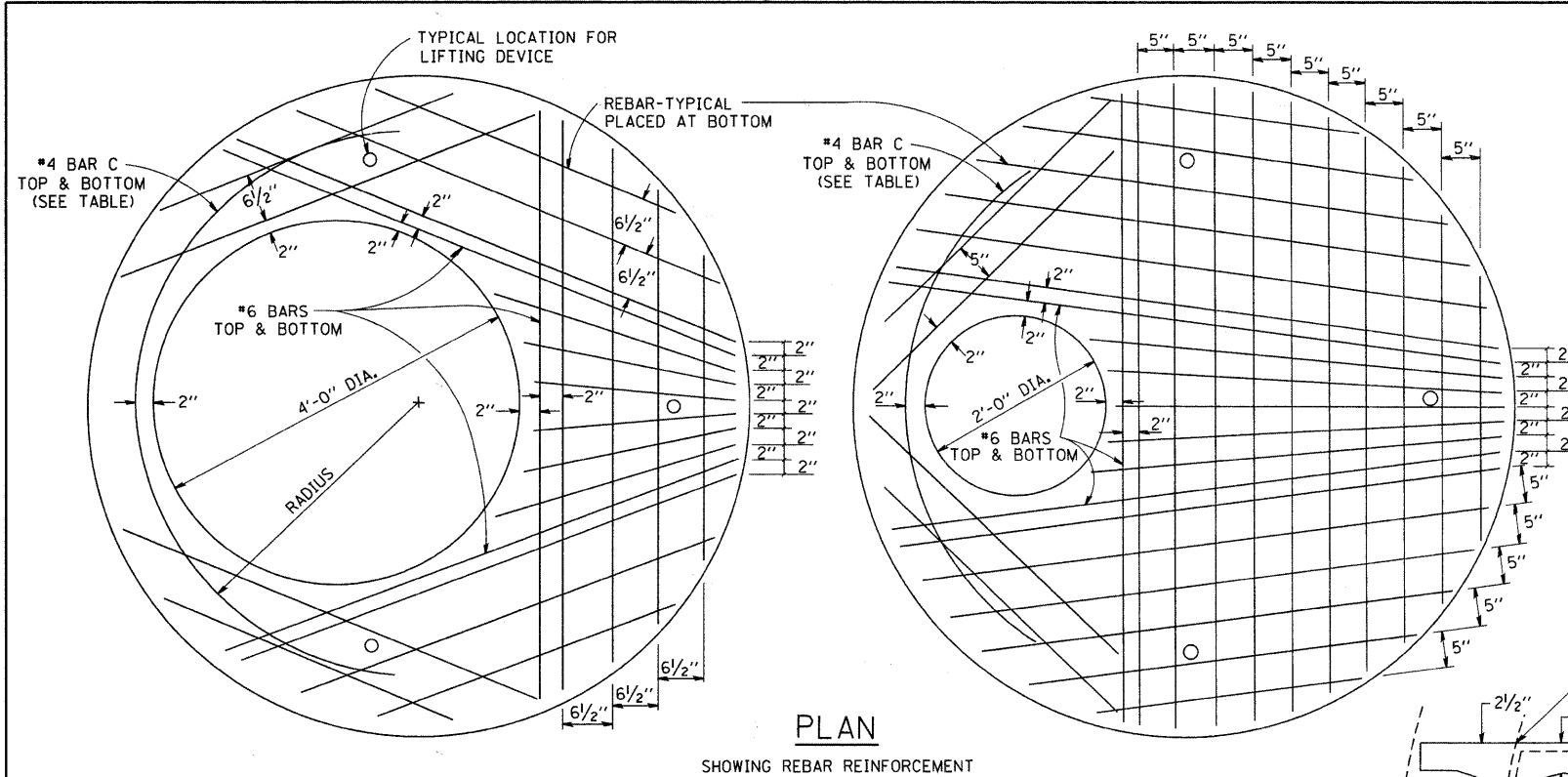
1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

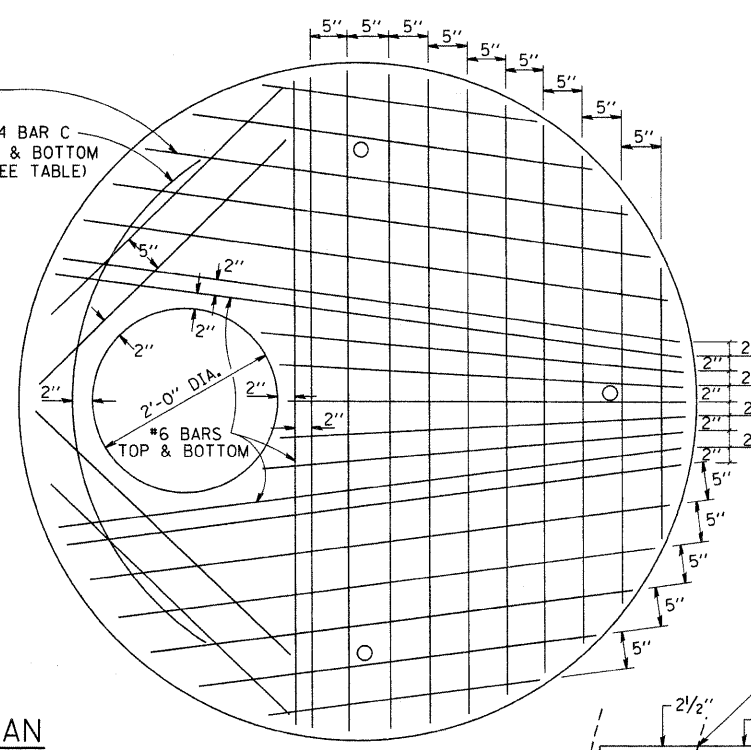
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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	PLOT SCALE = 50.0000 "/>										
	CHECKED -	REVISED -	SCALE: NONE		SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	BD-36		CONTRACT NO. 63248	
	DATE -	REVISED -					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

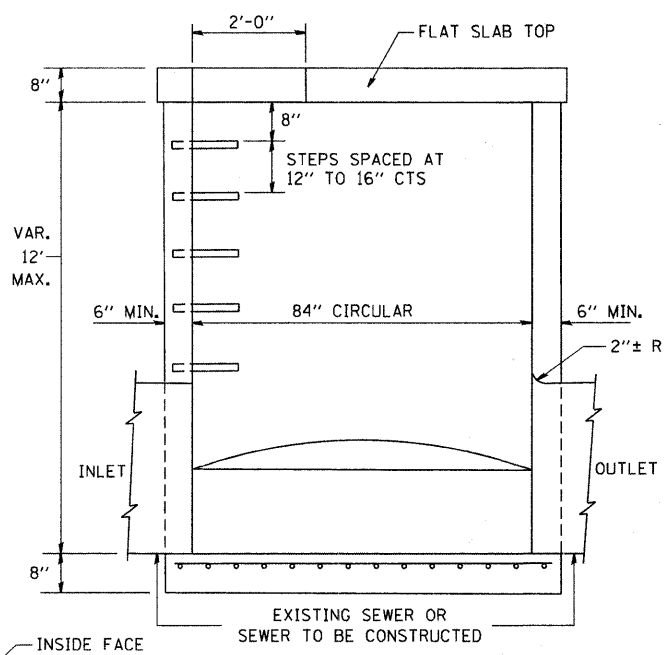


PLAN

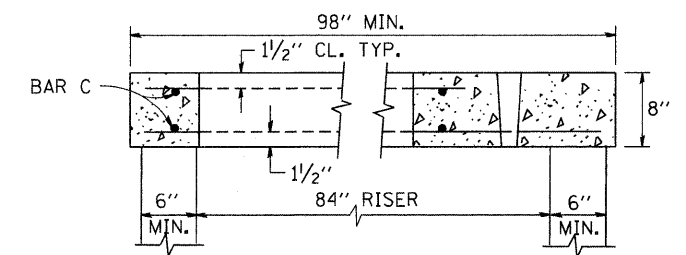
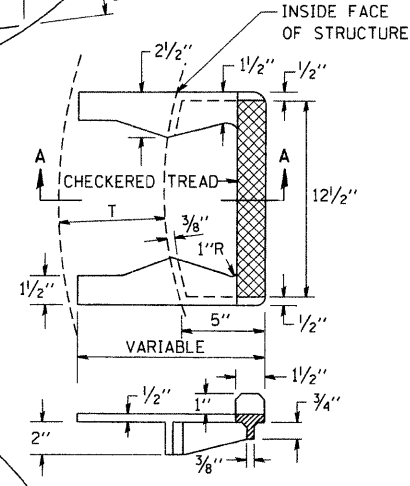
SHOWING REBAR REINFORCEMENT



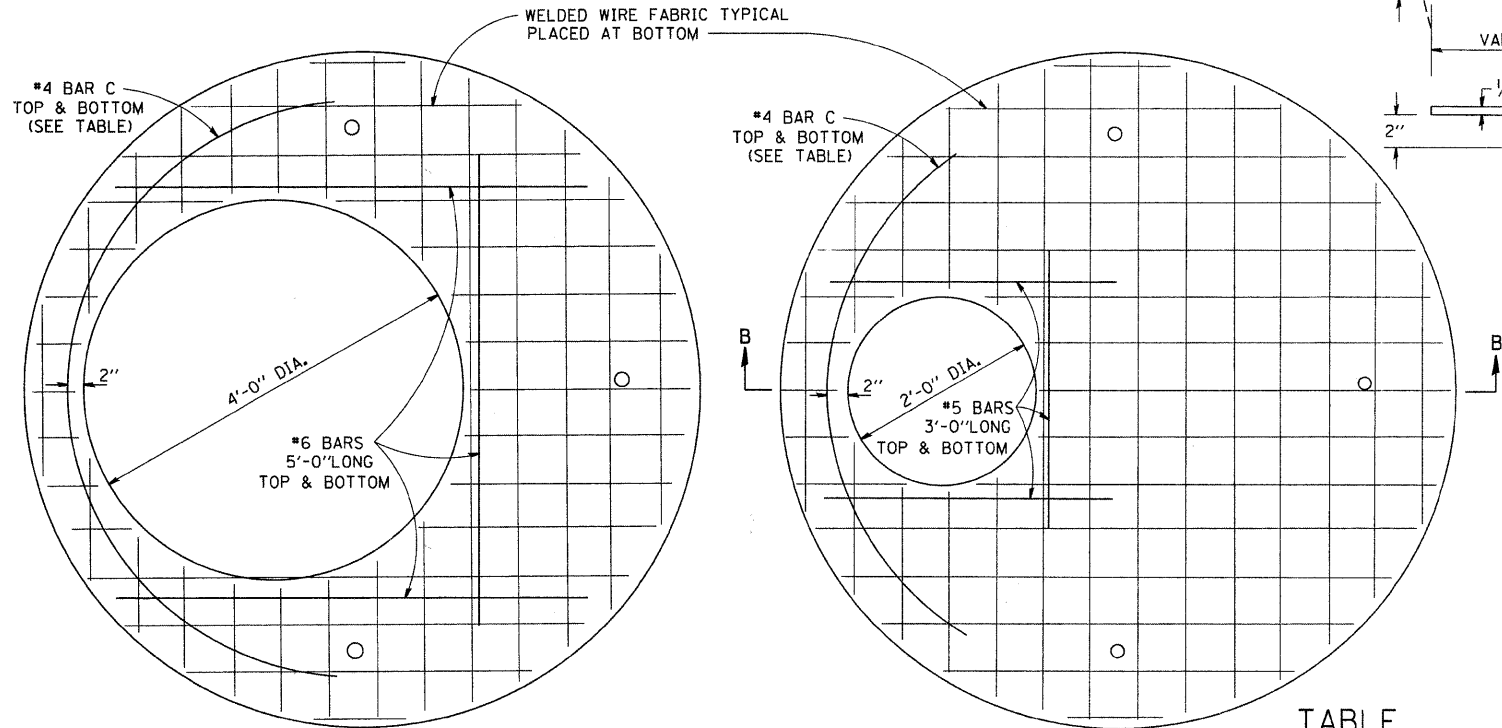
SEC. A-A
CAST IRON STEPS



ELEVATION



SECTION B-B

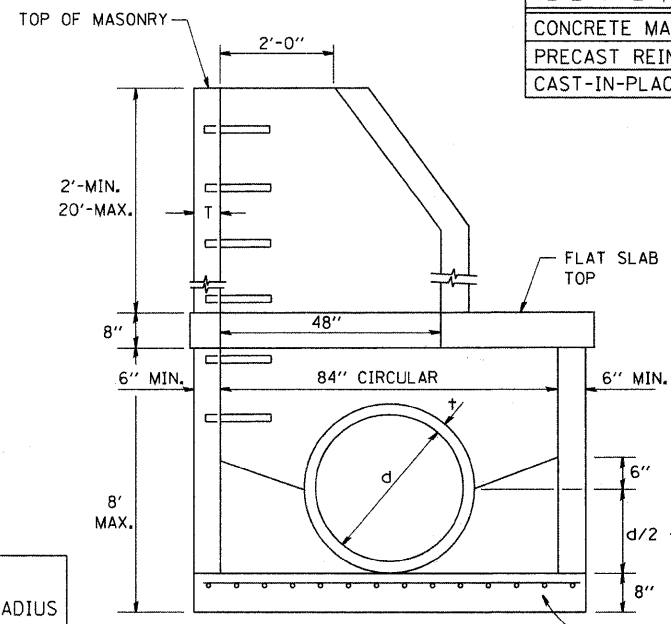


PLAN

SHOWING WELDED WIRE FABRIC REINFORCEMENT

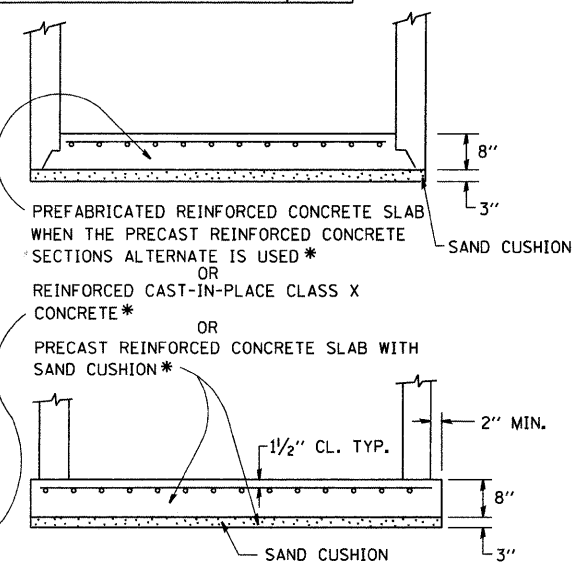
NOTE: THIS STRUCTURE SHOULD BE USED WITH PIPES SIZE 54" DIA. OR SMALLER.

DIAMETER OF OPENING	REINFORCEMENT "A.C." WWF OR BAR SIZE EACH DIRECTION	BAR SIZE	BAR C		
			SIZE	LENGTH	RADIUS
2'-0"	1.06 SQ.IN./LIN.FT.	#6	#4	6'-0"	38"
4'-0"	0.82 SQ.IN./LIN.FT.	#6	#4	9'-0"	38"



ELEVATION

ALTERNATE MATERIALS FOR RISERS	T (MIN.)
CONCRETE MASONRY UNITS	5"
PRECAST REINFORCED CONCRETE SECTIONS	4"
CAST-IN-PLACE CONCRETE	6"



GENERAL NOTES

ALTERNATE MATERIAL FOR THE WALLS MAY BE CONCRETE MASONRY UNITS, PRECAST REINFORCED CONCRETE SECTIONS OR CAST-IN-PLACE CONCRETE. THE CAST IRON STEPS AS DETAILED HEREON ARE TYPICAL. STEPS OF OTHER DESIGN AND MATERIAL THAT CONFORM TO THE MINIMUM REQUIREMENTS OF THE STEPS SHOWN MAY BE USED WHEN APPROVED BY THE ENGINEER.

CAST IRON STEPS SHALL BE GRAY IRON CONFORMING TO THE REQUIREMENTS OF ARTICLE 1006.14 OF THE STANDARD SPECIFICATIONS.

STEPS SHALL BE EMBEDDED INTO THE WALL A MINIMUM OF THREE (3) INCHES. STEPS SHALL NOT BE EXTENDED ON THE OUTSIDE.

STEPS SHALL BE OMITTED FOR WORK IN COOK COUNTY WHEN THE DEPTH OF THE MANHOLE IS TEN (10') OR LESS.

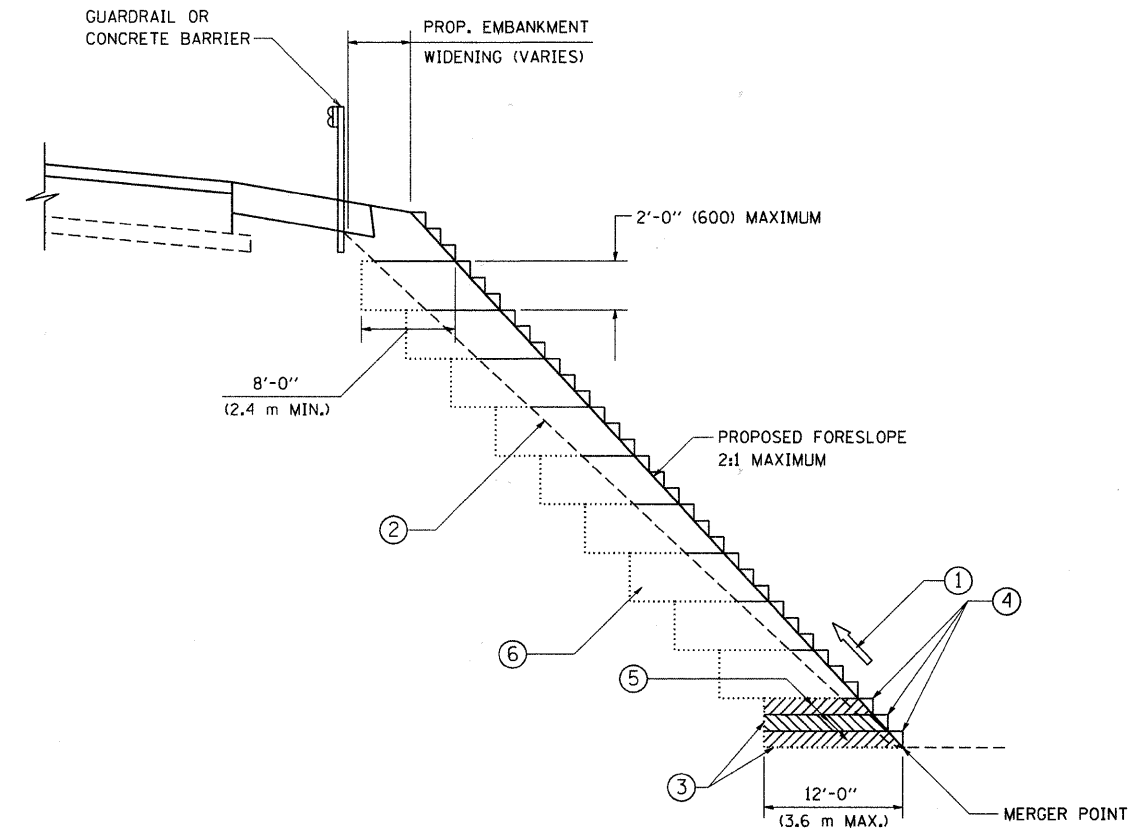
IN ADDITION TO THE REQUIREMENTS OF ARTICLE 612.13 OF THE STANDARD SPECIFICATIONS, THE CONTRACT UNIT PRICE FOR MANHOLES, TYPE A, 7'-DIAMETER SHALL INCLUDE THE SAND CUSHION WHEN REQUIRED, FURNISHING AND INSTALLING STEPS WHEN REQUIRED, FURNISHING AND COMPACTING THE SPECIFIED BACKFILL MATERIAL, AND FURNISHING AND INSTALLING FLAT SLAB TOP.

PRECAST FLAT SLAB TOP SHALL CONFORM TO ARTICLES 505.01 THRU 505.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT THE CONCRETE STRENGTH SHALL BE 4,000 PSI AFTER 28 DAYS. REINFORCEMENT BARS AND WELDED WIRE FABRIC SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 1006.10. ONLY GRADE 60 REINFORCEMENT BARS WILL BE PERMITTED.

BOTTOM SLAB SHALL BE REINFORCED BY EITHER REINFORCEMENT BARS OR WELDED WIRE FABRIC. THE MINIMUM REINFORCEMENT SHALL BE 0.46 SQUARE INCH PER LINEAR FOOT IN BOTH DIRECTIONS.

JOINT CONFIGURATION AND DIMENSIONS OF FLAT SLAB TOP SHALL MATCH AND FIT THE RISER JOINT DETAIL.

LIFTING DEVICES SHALL BE APPROVED BY THE ENGINEER.



**TYPICAL BENCHING DETAIL
FOR EMBANKMENT**

NOTES:

- ① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- ② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
- ③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
- ⑥ EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑦ SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

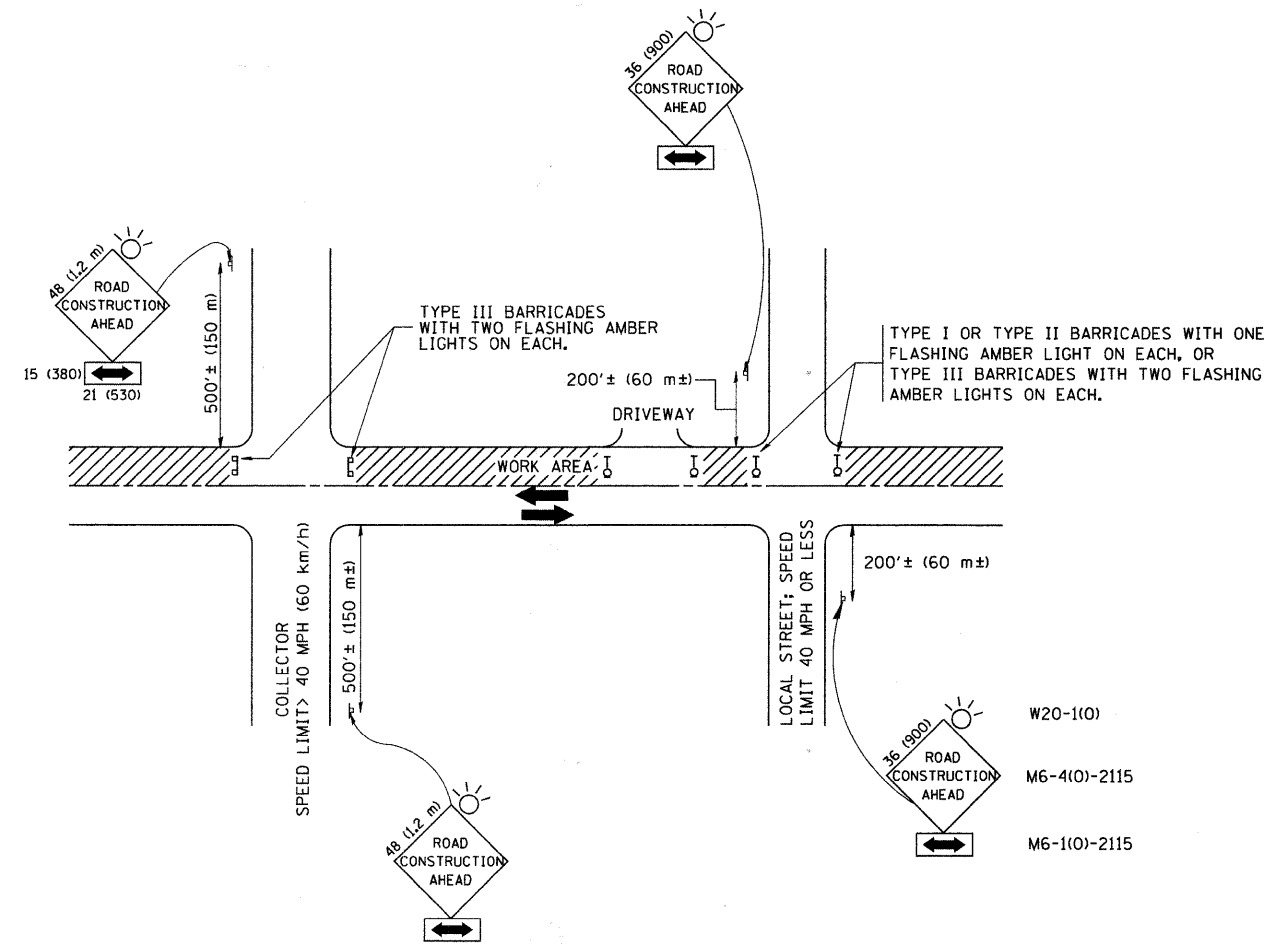
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

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		DRAWN - CADD	REVISED -
		CHECKED - S.E.B.	REVISED -
		DATE - 06-16-04	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BENCHING DETAIL FOR EMBANKMENT WIDENING	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	90
BD-51		CONTRACT NO. 63248		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

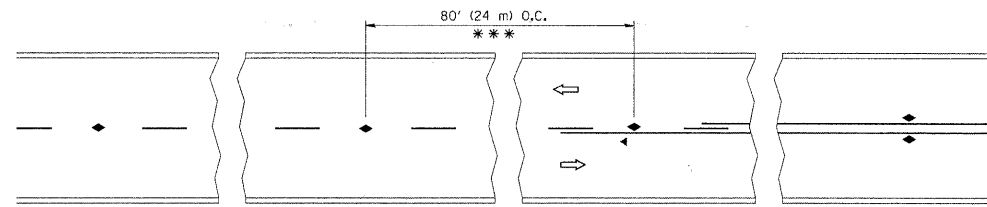
NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

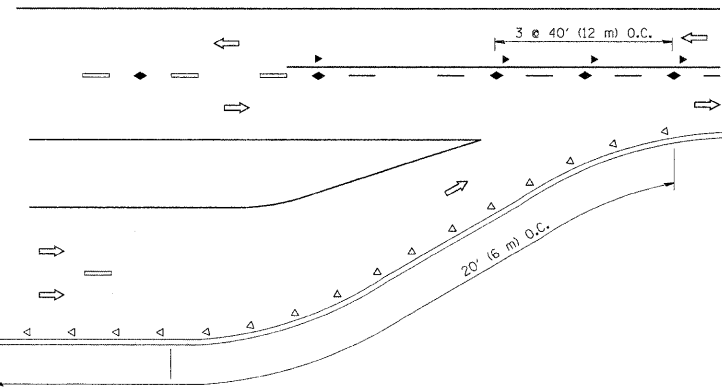
All dimensions are in millimeters (inches) unless otherwise shown.

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	PLOT SCALE = 50,000' / IN.	DRAWN -	REVISED - A. HOUSEH 03-06-96		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	3759	04-00038-00-WR	WILL	165	91
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - A. HOUSEH 10-15-96				TO STA.	TC-10		CONTRACT NO. 63248		
		DATE - 06-89	REVISED - T. RAMMACHER 01-06-00					FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

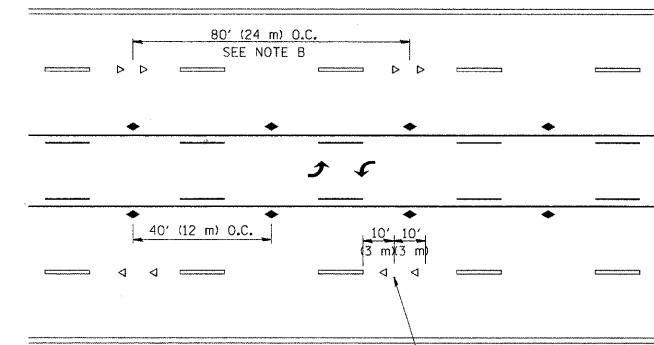


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

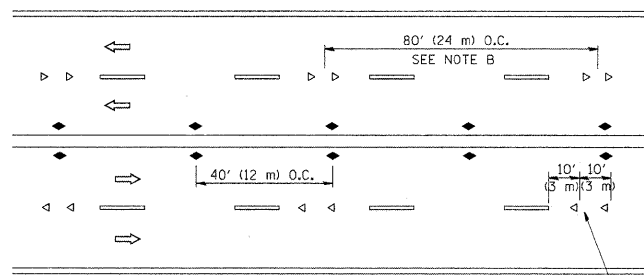
TWO-LANE/TWO-WAY



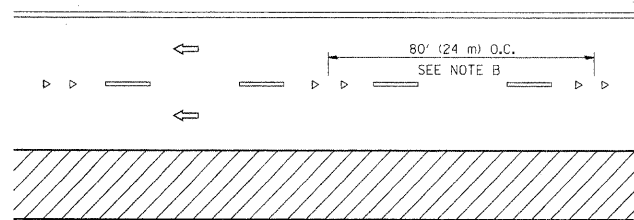
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

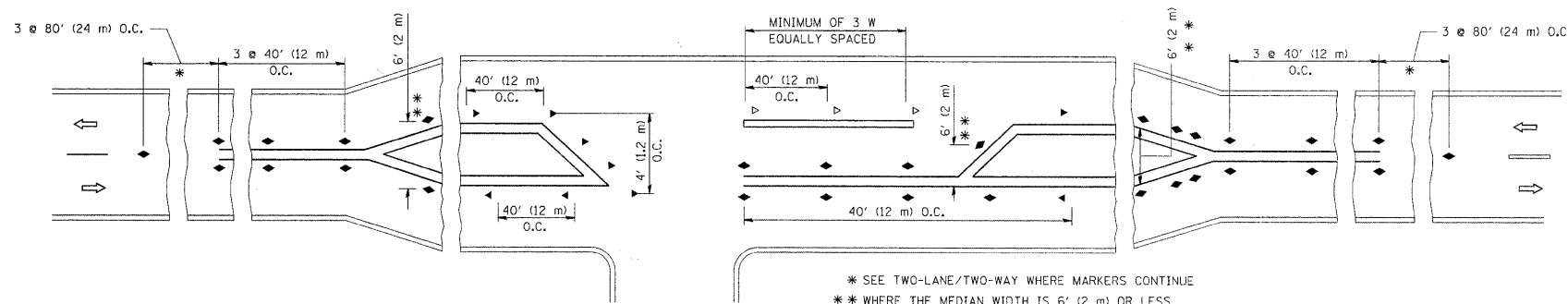
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



LEFT TURN

* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

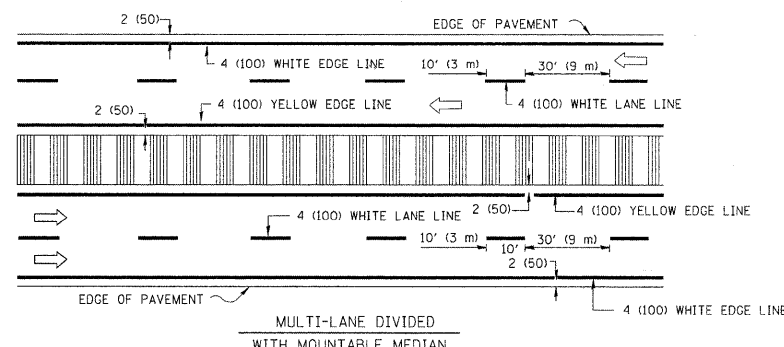
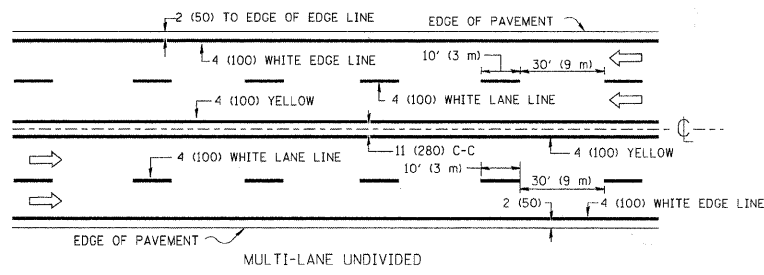
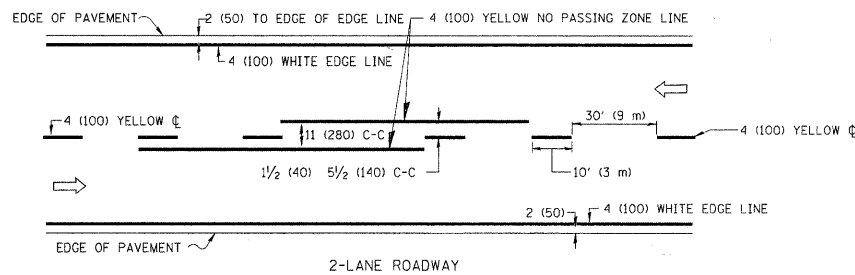
All dimensions are in inches (millimeters) unless otherwise shown.

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	PLOT DATE = 9/9/2009	DATE -	REVISED - C. JUCIUS 09-09-09

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

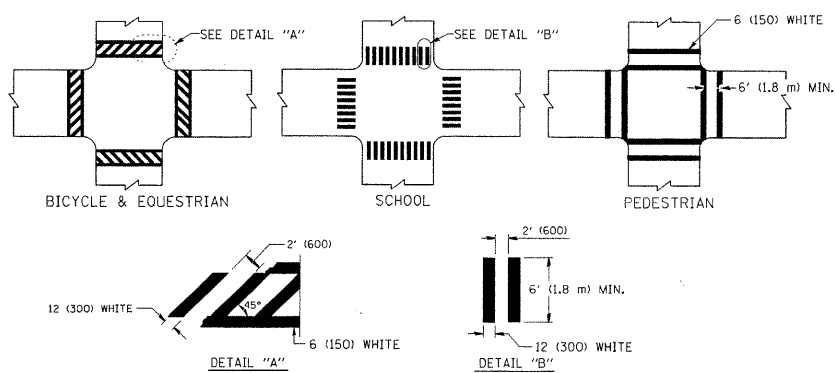
TYPICAL APPLICATIONS			
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-11			CONTRACT NO. 63248	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

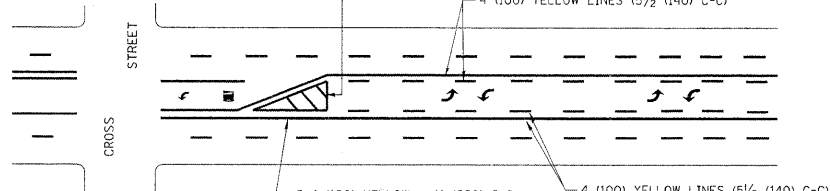
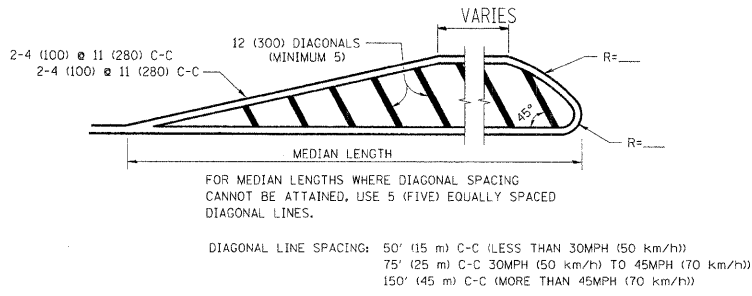
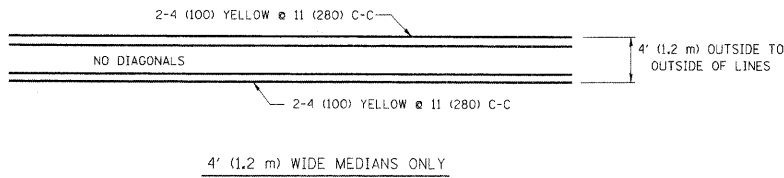


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

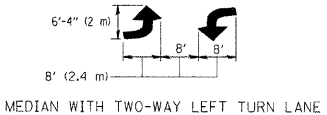
TYPICAL LANE AND EDGE LINE MARKING



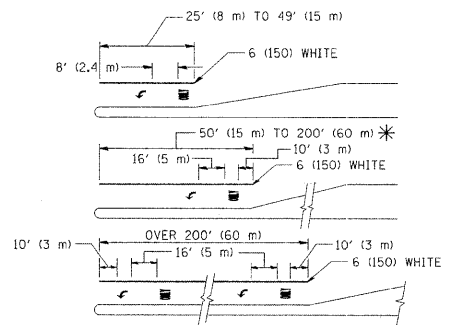
TYPICAL CROSSWALK MARKING



A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



TYPICAL PAINTED MEDIAN MARKING

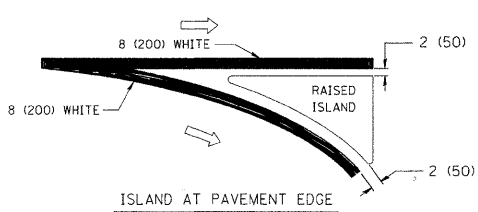
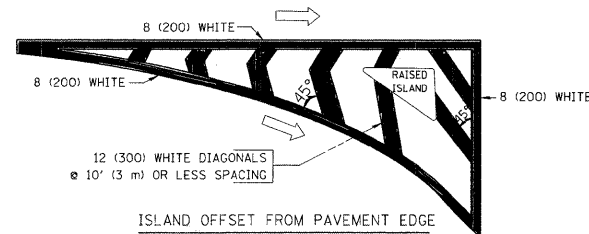


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

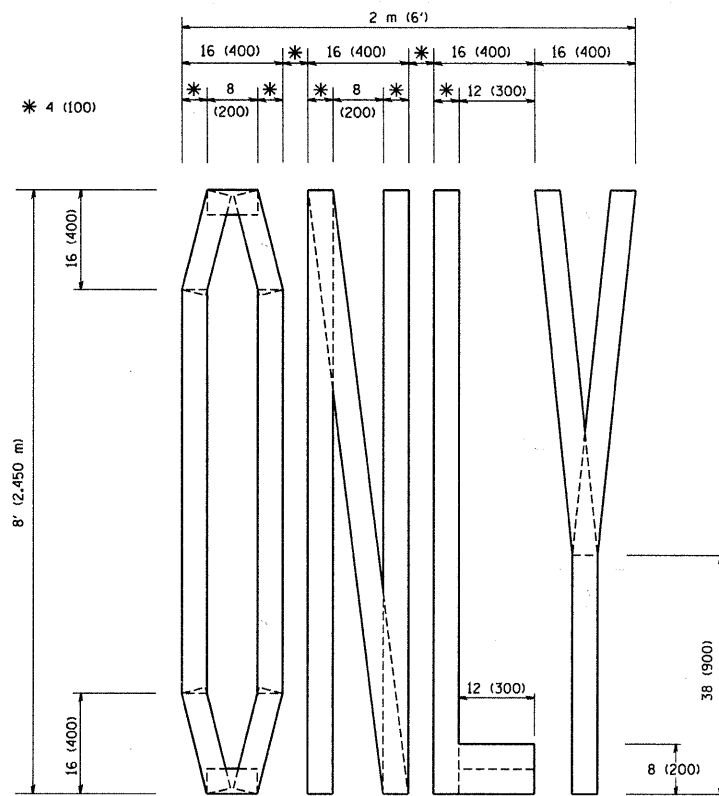


TYPICAL ISLAND MARKING

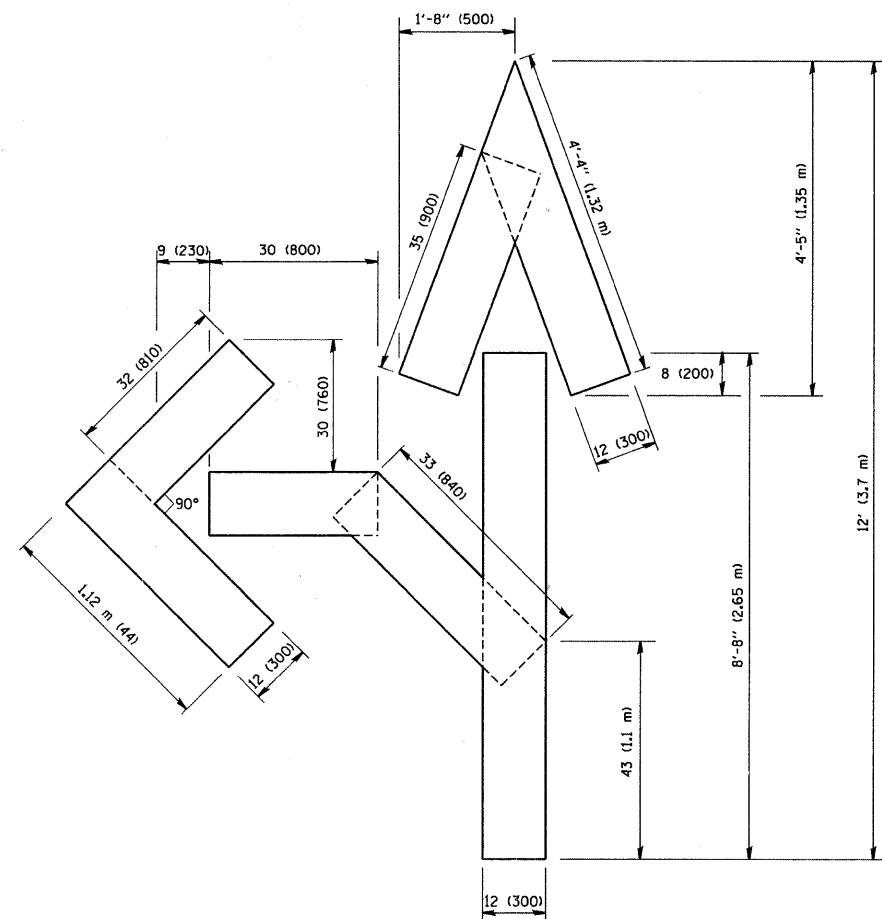
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

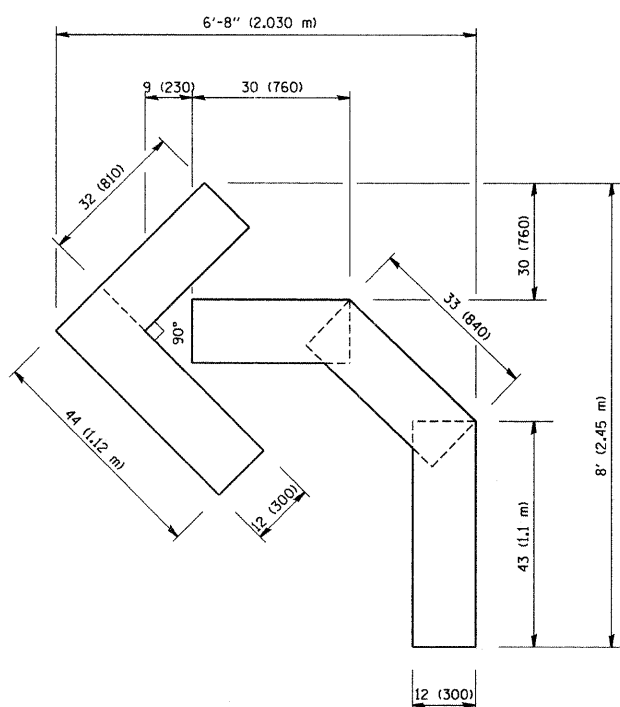
All dimensions are in inches (millimeters) unless otherwise shown.



QUANTITY
 4 (100) LINE = 64.1 ft. (19.7 m)
 21.1 sq. ft. (1.97 sq. m)



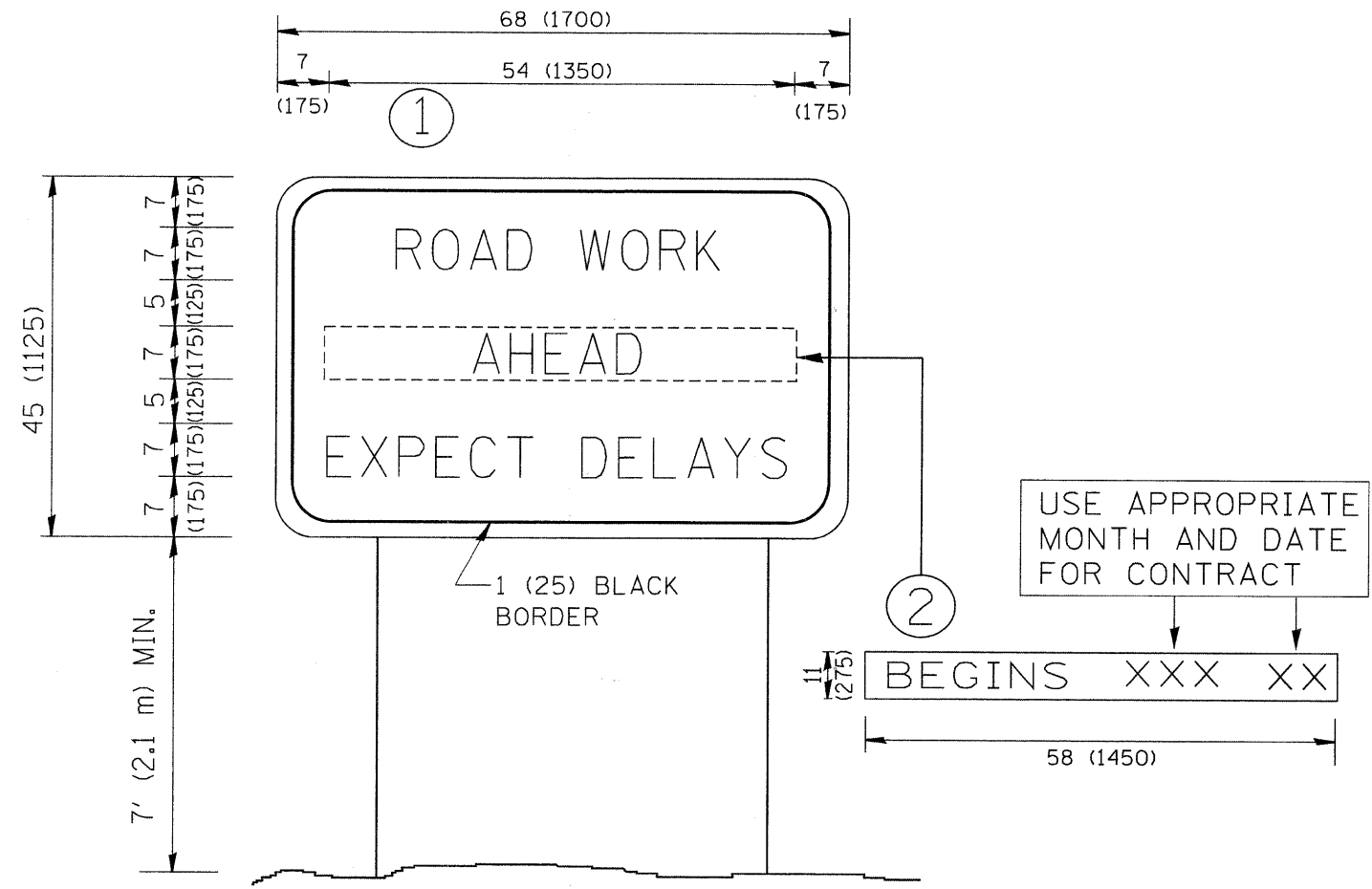
QUANTITY
 4 (100) LINE = 82.5 ft. (25.3 m)
 27.5 sq. ft. (2.53 sq. m)



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.39 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME = W:\diststd\22x34\tcl6.dgn	USER NAME = geglianobt	DESIGNED -	REVISED - T. RAMMACHER 06-05-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING		F.A. -	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 50.0000 "/ IN.	DRAWN -	REVISED - T. RAMMACHER 11-04-97		3759	04-00038-00-WR	WILL	165	94			
	PLOT DATE = 1/4/2009	CHECKED -	REVISED - T. RAMMACHER 03-02-98		SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	
		DATE - 09-18-94	REVISED - E. GOMEZ 08-28-00		TC-16		CONTRACT NO. 63248					



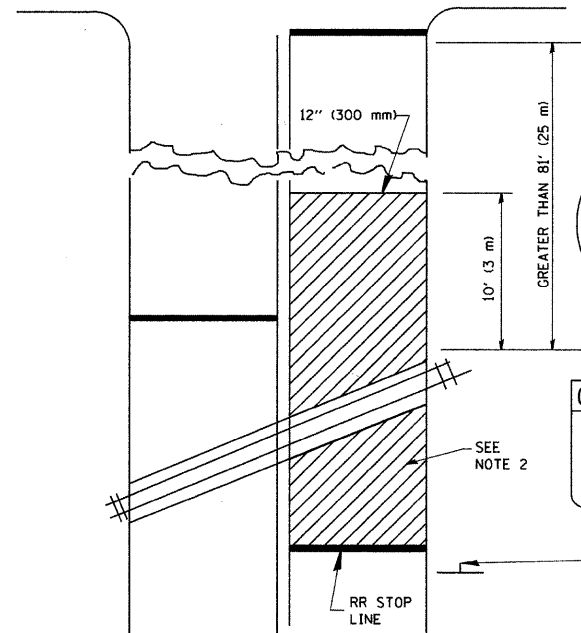
NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

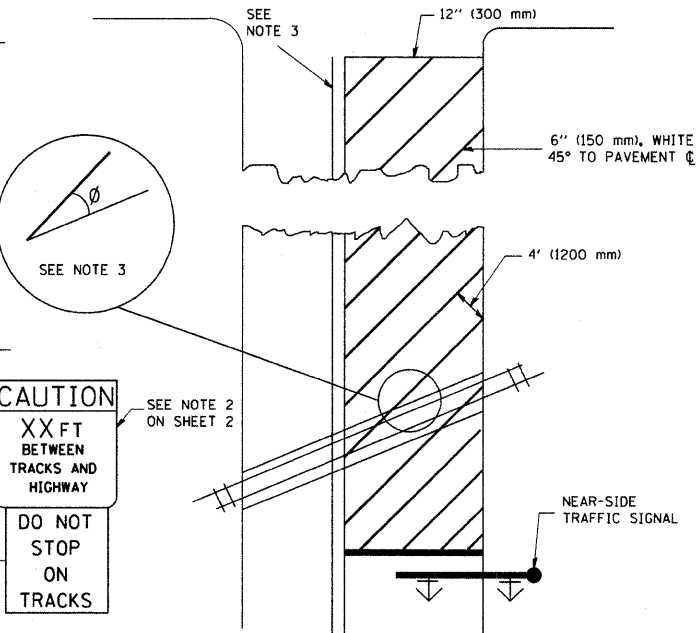
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\to22.dgn	USER NAME = gegljanobt	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN		F.A. RTE. 3759	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 95
	PLOT SCALE = 50.000 / / IN.	DRAWN -	REVISED - R. MIRS 12-11-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TC-22		CONTRACT NO. 63248	
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - T. RAMMACHER 02-02-99		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						
		DATE -	REVISED - C. JUCIUS 01-31-07								

WITH INTERSECTION TRAFFIC SIGNALS

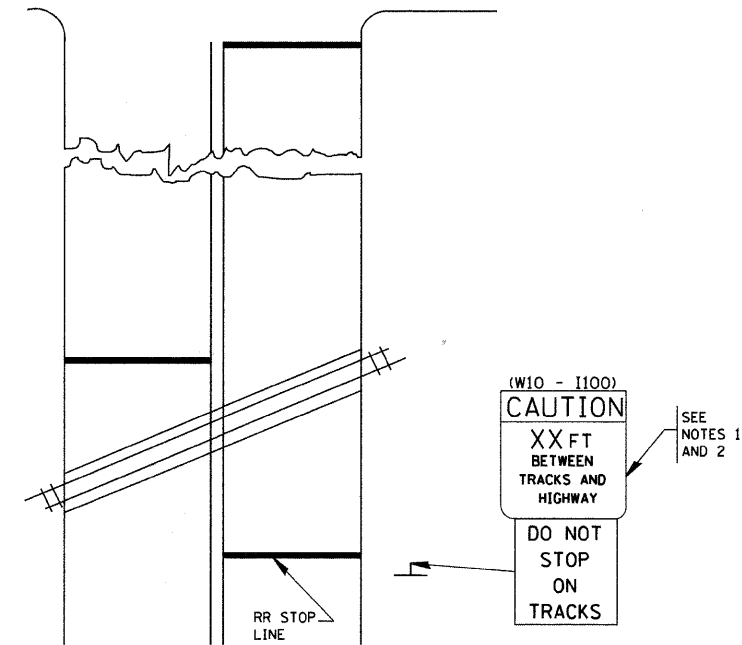


WITH NEAR-SIDE TRAFFIC SIGNALS



WITH NONSIGNALIZED INTERSECTION

81' (25 m) OR LESS TO CLOSEST RAIL



CAUTION
XX FT
BETWEEN
TRACKS AND
HIGHWAY
DO NOT
STOP
ON
TRACKS

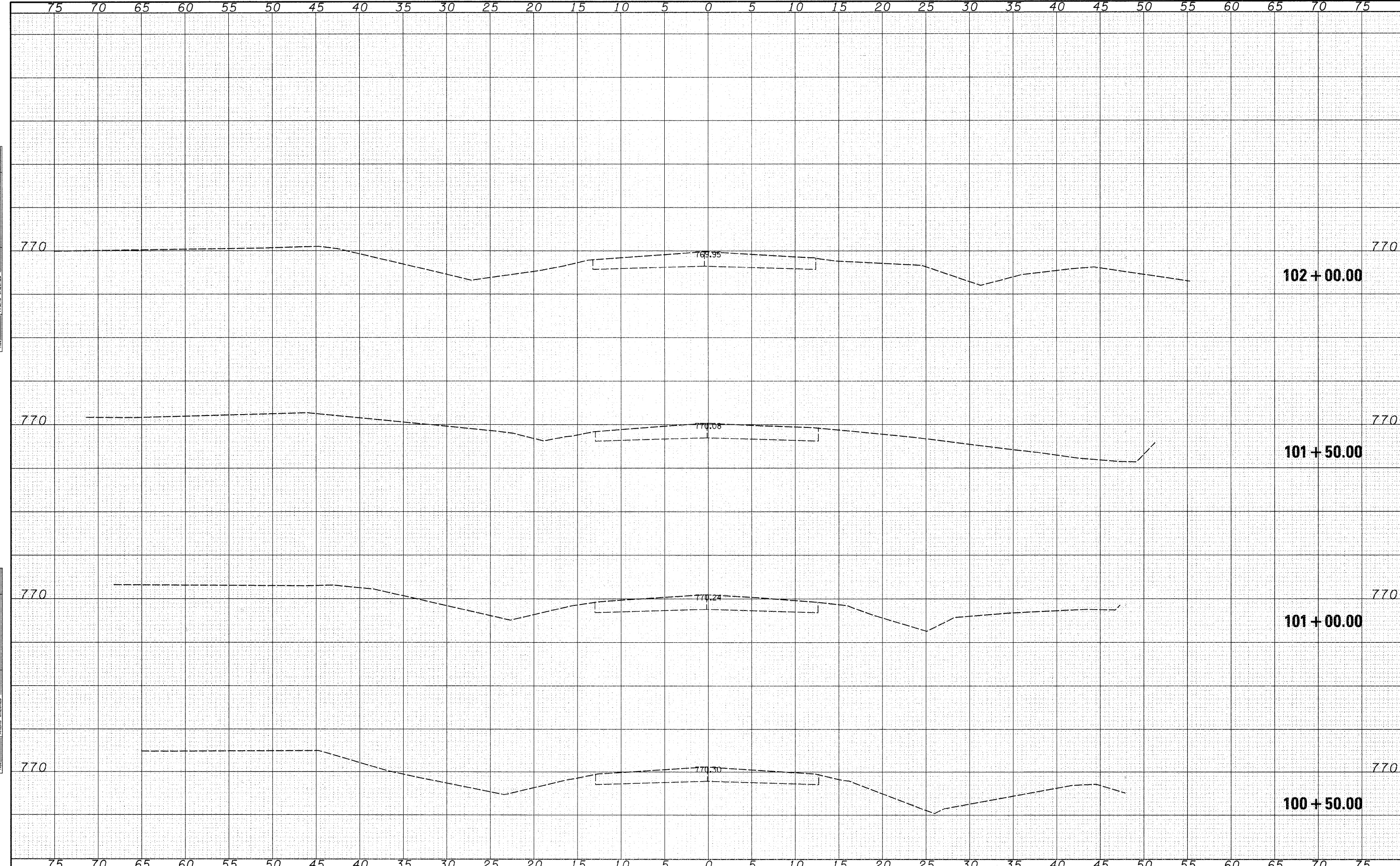
(W10 - 1100)
CAUTION
XX FT
BETWEEN
TRACKS AND
HIGHWAY
DO NOT
STOP
ON
TRACKS

- NOTES:
- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
 - WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED, THE PAVEMENT MARKINGS EXTENDS TO THE INTERSECTION.
 - WHERE THE ANGLE BETWEEN THE DIAGONAL STRIPES AND THE TRACK (θ) WOULD BE LESS THAN APPROXIMATELY 20°, THE STRIPES SHOULD BE SLOPED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.

- NOTE :
- DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET (1.8 m) FROM THE RAIL CLOSEST TO THE INTERSECTION TO THE STOP LINE OR CROSSWALK, WHICHEVER IS CLOSEST, ROUNDED DOWN TO THE NEAREST 5 FEET (1.5 m). WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE THE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
 - THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6-FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTEND TO THE INTERSECTION.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\to23.dgn	USER NAME = geglienobt	DESIGNED -	REVISED - 01-01-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS	F.A. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50,000' / IN.	DRAWN -	REVISED -			3759	04-00038-00-WR	WILL	165	96
	PLOT DATE = 1/4/2008	CHECKED -	REVISED -			TC-23		CONTRACT NO. 63248		
		DATE -	REVISED -			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	



FILE NAME =
 s:\JUL\6600--6699\6628\004\Micros\Cross Sections\XS-Sheets-Center.dgn

USER NAME = adams
 PLOT SCALE = 5,0000' / IN.
 PLOT DATE = 3/31/2002

DESIGNED -
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 DRAWN -
 CHECKED -

REVISED -
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 REVISED -
 REVISED -

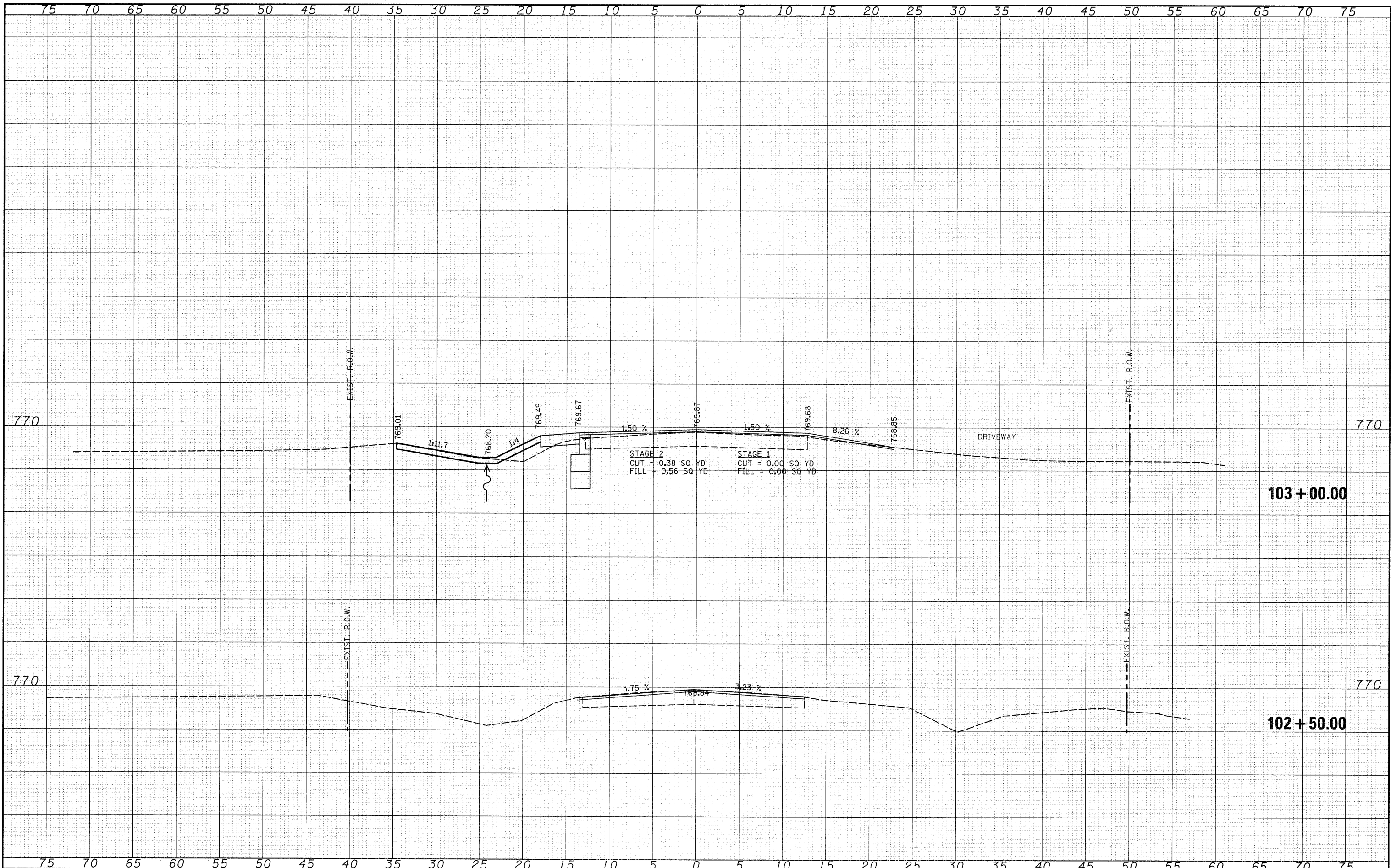
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING AND PROPOSED CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 100+50.00 TO STA.

F.A. RTE. 3759.	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 97
CONTRACT NO. 03148				

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING AND PROPOSED CROSS SECTIONS

FILE NAME =
ar\JOL\6600--6699\6620\004\Micros\Cross Sections\XS-Sheets-Center.dgn

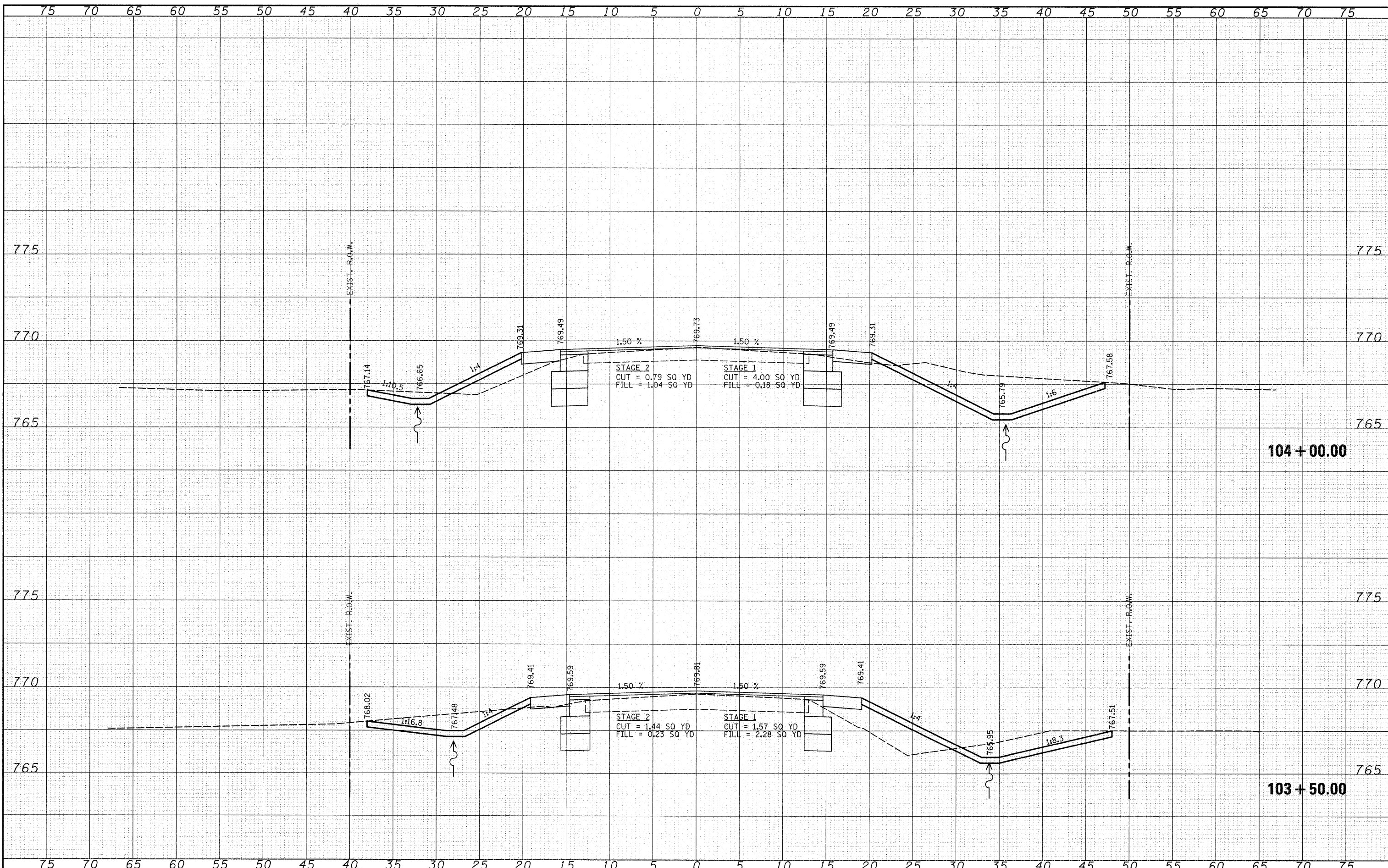
USER NAME = edamm
PLOT SCALE = 5.0000 "/ IN.
PLOT DATE = 3/31/2018

DESIGNED -	REVISED -
CHECKED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -

STATION	102+50.00	103+00.00
SECTION	04-00038-00-WR	

SCALE: SHEET NO. OF SHEETS STA. 102+50.00 TO STA. 103+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3759	04-00038-00-WR	WILL	165	98
CONTRACT NO. 3248				



AREAS CHECKED

FILE NAME =
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 PLOT SCALE = 5.0000 "/ IN.
 PLOT DATE = 3/31/2012

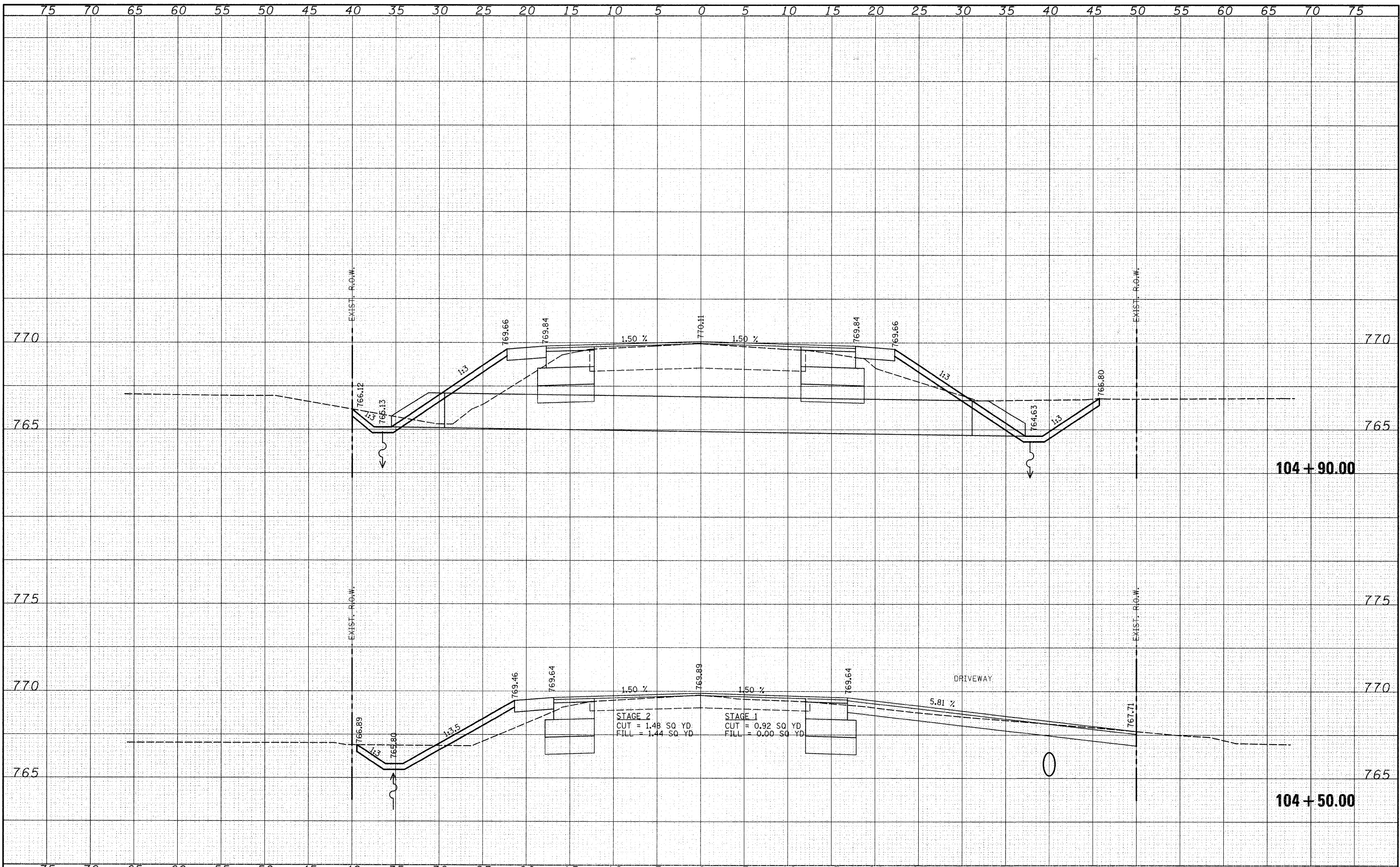
DESIGNED -	REVISED -
CHECKED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING AND PROPOSED CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 103+50.00 TO STA.

F.A. RTE. 3759.	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 99
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 3246	



NO. AREAS CHECKED

NO. AREAS CHECKED

FILE NAME =
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USER NAME = edamm
 PLOT SCALE = 5.0000' / IN.
 PLOT DATE = 3/31/2012

DESIGNED -	REVISD -
CHECKED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING AND PROPOSED CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 104+50.00 TO STA.

F.A. RTE. 3759.	SECTION 04-00038-00-WR	COUNTY WILL	TOTAL SHEETS 165	SHEET NO. 100
CONTRACT NO. 03248				

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT