

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

KEYES AVENUE, STATE STREET (FAU 0098) TO EAST OF INDUSTRIAL DRIVE
INDUSTRIAL DRIVE, KEYES AVENUE TO EAST OF ROWELL ROAD
MILL AVENUE, WEST OF KLINK STREET TO STATE STREET (FAU 0098)
PAVEMENT RECONSTRUCTION AND UTILITY IMPROVEMENTS

SECTION: 06-00015-00-PV
PROJECT NUMBER: HPP-1468(004)
JOB NUMBER: C-91-175-06
VILLAGE OF HAMPSHIRE
KANE COUNTY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	1

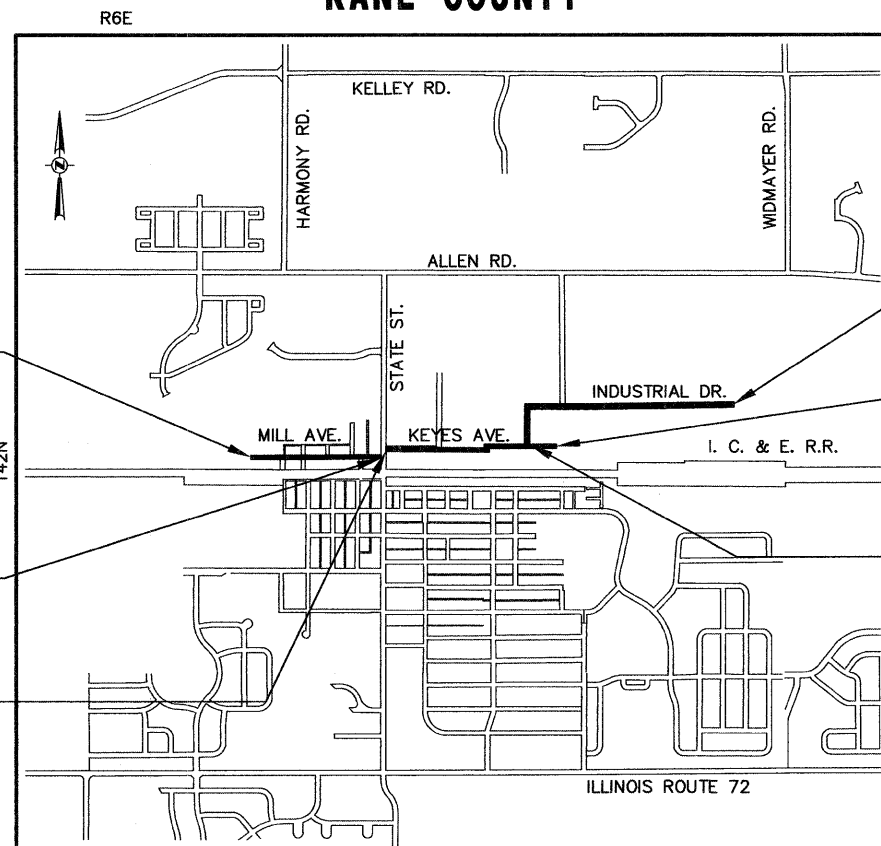
CONTRACT NO. 63406



LOCATION OF SECTION INDICATED THUS: - [black box] -

FOR INDEX OF SHEETS
AND STATE STANDARDS
SEE SHEET NO. 2

	KEYES AVENUE	INDUSTRIAL DRIVE	MILL AVENUE
DESIGN DESIGNATION	URBAN LOCAL ROAD	URBAN LOCAL ROAD	URBAN LOCAL ROAD
POSTED SPEED LIMIT	30 MPH	30 MPH	30 MPH
STR. DESIGN TRAFFIC (YEAR), DHV	1,550 (2030), 155	1,100 (2030), 110	850 (2030), 85
VEHICLE BREAKDOWN %: PV, SU, MJ	88%, 12%, 2%	83%, 13%, 2%	72%, 23%, 5%
% STR. DESIGN TRAF. IN DESIGN LANE	PV: 50%, SU: 50%, MJ: 50%	PV: 50%, SU: 50%, MJ: 50%	PV: 50%, SU: 50%, MJ: 50%
TRAFFIC FACTOR ACTUAL, MINIMUM	0.31	0.24	0.38



PROJECT LOCATED IN
VILLAGE OF HAMPSHIRE

CONSTRUCTION BEGINS
STA. 100+49
MILL AVENUE

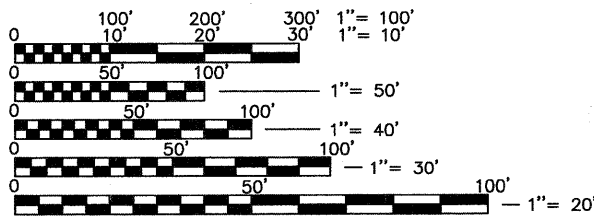
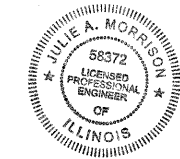
CONSTRUCTION ENDS
STA. 117+77
MILL AVENUE

CONSTRUCTION BEGINS
STA. 200+26
KEYES AVENUE

CONSTRUCTION ENDS
STA. 325+73
INDUSTRIAL DRIVE

CONSTRUCTION ENDS
STA. 222+82
KEYES AVENUE

CONSTRUCTION BEGINS
STA. 299+98
INDUSTRIAL DRIVE



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.

JULIE
JOINT
UTILITY
LOCATION
INFORMATION FOR
EXCAVATION
CALL 811

Know what's below.
Call before you dig.

CONTRACT NO. 63406

LOCATION MAP
(N.T.S.)
GROSS LENGTH = NET LENGTH OF PROJECT = 6,559 FEET (1.242 MILES)
KEYES AVENUE = 2,256 FEET (0.427 MILES)
INDUSTRIAL DRIVE = 2,575 FEET (0.488 MILES)
MILL AVENUE = 1,728 FEET (0.327 MILES)

Engineering Enterprises, Inc.
CONSULTING ENGINEERS
44 W 110 US Hwy 20
Hampshire, Illinois 60140
Phone: (847) 683-3100

ENGINEER'S CERTIFICATION

I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED UNDER MY DIRECT SUPERVISION.

DATED AT HAMPSHIRE, ILLINOIS,

THIS 2nd DAY OF February, 2010.

Julie A. Morrison
JULIE A. MORRISON, P.E.
ILLINOIS LICENSED PROFESSIONAL ENGINEER NO. 062-058372
EXPIRATION DATE: 11/30/11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED *[Signature]*
FEBRUARY 2, 2010
VILLAGE OF HAMPSHIRE, VILLAGE ADMINISTRATOR

PASSED *[Signature]*
FEBRUARY 3, 2010
DISTRICT ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR
BID BASED ON
LIMITED REVIEW *[Signature]*
FEBRUARY 3, 2010
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

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OF THE STATE OF ILLINOIS

CONSULTING ENGINEER: ENGINEERING ENTERPRISES, INC. CONTACT: JULIE MORRISON 847-683-3100
FIELD ENGINEER CONTACT: MARILYN SOLOMON 847-705-4407
Plotted: February 1, 2010 @ 2:02 PM By: Kris Pung - Tab: 01-CVR (2/2/34)
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Plotted: February 1, 2010 @ 2:02 PM By: Kris Pung - Tab: 02-INDEX (22-34)

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COPYRIGHT © 2010 ENGINEERING ENTERPRISES, INC.				<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>				INDEX OF SHEETS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE NAME	USER NAME = #USER#	DESIGNED - JAM, SWM	REVISED - 12/02/09					PROJECT NO. HPP-1468(004)		JOB NO. C-91-175-06		N/A	06-00015-00-PV	KANE	97	2
#FILE#		DRAWN - KKP	REVISED - 01/22/10	SCALE: N/A		SHEET NO. 2 OF 92 SHEETS		STA. N/A TO STA. N/A		CONTRACT NO. 63406						
	PLOT SCALE = #SCALE#	CHECKED - JAM	REVISED - 02/03/10	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT												
	PLOT DATE = #DATE#	DATE - 10/16/09	REVISED - -----													

GENERAL NOTES AND CONSTRUCTION SPECIFICATIONS

1. THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JAN. 1, 2007, SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIFICATIONS AND PROVISIONS ADOPTED JAN. 1, 2010, THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" SIXTH EDITION, DATED JULY, 2009, AND REVISIONS THERETO, THESE IMPROVEMENT PLANS AND DETAILS, SPECIAL PROVISIONS AND CODES AND ORDINANCES OF THE VILLAGE OF HAMPSHIRE, ILLINOIS SHALL GOVERN APPLICABLE PORTIONS OF THIS PROJECT.
2. THE CONTRACTOR SHALL OBTAIN, ERECT, MAINTAIN AND REMOVE ALL SIGNS, BARRICADES, FLAGMEN AND OTHER CONTROL DEVICES AS MAY BE NECESSARY FOR THE PURPOSE OF REGULATING, WARNING OR GUIDING TRAFFIC. PLACEMENT AND MAINTENANCE OF ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PARTS OF ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS.
3. LOCATION OF UTILITIES SHOWN ON PLANS ARE APPROXIMATE ONLY, AND ARE NOT NECESSARILY COMPLETE. CONTRACTOR SHALL MAKE HIS/HER OWN INVESTIGATIONS AS TO LOCATION OF ALL EXISTING UNDERGROUND STRUCTURES, CABLES, UTILITIES AND PIPE LINES.
4. IF EXISTING UTILITY LINES ARE ENCOUNTERED WHICH CONFLICT IN LOCATION WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND VILLAGE, SO THAT THE CONFLICT MAY BE RESOLVED.
5. THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. (1-800-892-0123) AT LEAST TEN DAYS PRIOR TO CONSTRUCTION SO THAT EACH UTILITY COMPANY CAN STAKE OUT ANY UNDERGROUND IMPROVEMENTS THAT MAY INTERFERE WITH THE PROPOSED CONSTRUCTION.
6. THE CONTRACTOR SHALL BE REQUIRED TO MAKE ARRANGEMENTS FOR THE PROPER BRACING, SHORING AND OTHER REQUIRED PROTECTION OF ALL ROADWAYS, STRUCTURES, POLES, CABLES AND PIPE LINES, BEFORE CONSTRUCTION BEGINS. HE/SHE SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE STREETS OR ROADWAYS AND ASSOCIATED STRUCTURES AND SHALL MAKE REPAIRS AS NECESSARY TO THE SATISFACTION OF THE ENGINEER AT HIS OWN EXPENSE.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL PRIVATE AND PUBLIC UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER BY THE CONTRACTOR AT HIS/HER OWN EXPENSE.
8. THE CONTRACTOR SHALL EXAMINE THE PLANS AND SPECIFICATIONS, VISIT THE SITE OF THE WORK AND INFORM HIMSELF/HERSELF FULLY WITH THE WORK INVOLVED, GENERAL AND LOCAL CONDITIONS, ALL FEDERAL, STATE AND LOCAL LAWS, ORDINANCES, RULES AND REGULATIONS AND ALL OTHER PERTINENT ITEMS WHICH MAY AFFECT THE COST AND TIME OF COMPLETION OF THIS PROJECT BEFORE SUBMITTING A PROPOSAL.
9. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH LATEST CODE REQUIREMENTS.
10. PRIOR TO SUBMITTING A PROPOSAL, THE CONTRACTOR SHALL CALL ATTENTION TO THE ENGINEER ALL MATERIAL OR EQUIPMENT HE DEEMS INADEQUATE AND TO ITEMS OF WORK OMITTED.
11. WHENEVER, DURING CONSTRUCTION OPERATIONS LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
12. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40 MM) WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THEN 45 MPH (80 KM/H). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING SLOPED A MINIMUM 1:3 (V:H).
13. ALL FINAL ADJUSTMENTS OF CASTING WILL BE ACCOMPLISHED BY THE USE OF PRECAST CONCRETE ADJUSTING RINGS SET IN BUTYL ROPE JOINT SEALANT, MORTAR JOINTS WILL NOT BE ALLOWED. TOTAL HEIGHT OF ADJUSTING RINGS USED SHALL NOT EXCEED EIGHT (8") INCHES. COST FOR ADJUSTMENT IS CONSIDERED INCLUDED IN THE COST OF FRAMES AND LIDS ADJUSTMENT, SPECIAL.
14. THE CONTRACTOR SHALL BE RESPONSIBLE TO PLACE ON GRADE AND COORDINATE WITH OTHER CONTRACTORS ALL UNDERGROUND STRUCTURE FRAMES SUCH AS CATCH BASINS, INLETS, MANHOLES, HYDRANTS, BUFFALO BOXES, VALVES, ETC. NO ADDITIONAL COMPENSATION SHALL BE PAID AND SAID ADJUSTMENTS SHALL BE CONSIDERED INCLUDED IN THE COST OF FRAMES AND LIDS ADJUSTMENT, SPECIAL.
15. THE CONTRACTOR SHALL RESTORE ANY AREA DISTURBED TO A CONDITION EQUAL TO OR BETTER THAN ITS ORIGINAL USE. THIS SHALL INCLUDE FINISH GRADING, ESTABLISHMENT OF A VEGETATIVE COVER (SEEDING OR SOD), GENERAL CLEANUP AND PAVEMENT REPLACEMENT.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE AND HEALTHFUL WORKING CONDITIONS THROUGHOUT THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
17. THE ENGINEER WILL BE GIVEN FORTY-EIGHT (48) HOURS NOTICE FOR ALL STAKING THAT IS TO BE DONE. EACH OF THE VARIOUS ITEMS OF WORK COVERED BY THIS CONTRACT WILL BE STAKED ONCE. ADDITIONAL STAKING REQUIRED DUE TO THE NEGLIGENCE OF THE CONTRACTOR SHALL BE PAID FOR BY THE CONTRACTOR AT THE CURRENT HOURLY RATE.

18. THE CONTRACTOR SHALL INFORM THE ENGINEER BEFORE WORK COMMENCES ON EACH CATEGORY OF CONSTRUCTION, I.E. WATER MAIN, GRADING, PAVEMENT AND DRAINAGE IMPROVEMENT. A TWENTY-FOUR (24) HOUR NOTICE SHALL BE GIVEN FOR ANY ITEM THAT REQUIRES FINAL TESTING AND INSPECTION SUCH AS WATER MAINS OR SANITARY SEWERS.
19. THE ENGINEER WILL FURNISH THE CONTRACTOR WITH LINES AND GRADES NECESSARY FOR THE PROPER EXECUTION AND CONTROL OF THE WORK. THE CONTRACTOR SHALL CALL ATTENTION TO THE ENGINEER OF ERRORS OR DISCREPANCIES WHICH MAY BE SUSPECTED IN LINES AND GRADES THAT ARE ESTABLISHED BY THE ENGINEER, AND SHALL NOT PROCEED WITH THE WORK UNTIL ALL LINES AND GRADES WHICH ARE BELIEVED TO BE IN ERROR HAVE BEEN VERIFIED OR CORRECTED BY THE ENGINEER OR HIS/HER REPRESENTATIVE.
20. ALL LOT IRONS DAMAGED OR REMOVED DURING CONSTRUCTION OF THIS PROJECT SHALL BE REPLACED BY THE ENGINEER AND THE COST OF REPLACEMENT SHALL BE PAID BY THE CONTRACTOR.
21. THE CONTRACTOR WILL HAVE IN HIS/HER POSSESSION ON THE JOB SITE A COPY OF THE PLANS AND SPECIFICATIONS DURING CONSTRUCTION.
22. IF APPROVED EQUAL ITEMS ARE REQUIRED, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR APPROVAL.
23. ANY DRAIN AND/OR FIELD TILE ENCOUNTERED BY THE CONTRACTOR DURING THE INSTALLATION OF THE IMPROVEMENTS SHALL BE RETURNED TO ORIGINAL CONDITION. THIS WORK IS TO BE CONSIDERED INCLUDED IN THE COST OF STORM SEWERS.
24. NO EXCAVATIONS WILL BE PERMITTED TO REMAIN OPEN OVER ANY WEEKEND.
25. RECORD DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS THE SITE IMPROVEMENTS ARE COMPLETED. ANY CHANGE IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED.
26. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS WITH THE ENGINEER.
27. SPECIAL ATTENTION IS DRAWN TO THE FACT THAT ARTICLE 105.06 OF THE STANDARD SPECIFICATIONS REQUIRES THE CONTRACTOR TO HAVE A COMPETENT SUPERINTENDENT ON THE PROJECT SITE AT ALL TIMES, IRRESPECTIVE OF THE AMOUNT OF WORK SUBLET. THE SUPERINTENDENT SHALL BE CAPABLE OF READING AND UNDERSTANDING THE PLANS AND SPECIFICATIONS, SHALL HAVE FULL AUTHORITY TO EXECUTE ORDERS TO EXPEDITE THE PROJECT, SHALL BE RESPONSIBLE FOR SCHEDULING AND HAVE CONTROL OF ALL WORK AS THE AGENT OF THE CONTRACTOR. FAILURE TO COMPLY WITH THIS PROVISION WILL RESULT IN A SUSPENSION OF WORK AS PROVIDED IN ARTICLE 108.07.
28. THE ENGINEER AND VILLAGE ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS OR FOR ANY SAFETY PRECAUTIONS USED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF HIS/HER WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS.
29. THE MATERIAL FOR TRENCH BACKFILL SHALL BE IN ACCORDANCE WITH SECTION 1004 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION WITH THE EXCEPTION THAT THE GRADATION SHALL BE CA 6 AND BE COMPACTED IN ACCORDANCE WITH METHOD 1.
30. THE MATERIAL FOR BEDDING MATERIAL SHALL BE IN ACCORDANCE WITH SECTION 1004 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION WITH THE EXCEPTION THAT THE GRADATION SHALL BE CA 7 AND SHALL BE PROVIDED TO TWELVE (12) INCHES ABOVE THE PIPE FOR PVC AND TO THE SPRING LINE FOR DUCTILE IRON AND REINFORCED CONCRETE PIPE WHICH SHALL BE INCLUDED IN THE COST OF THE PIPE.
31. THERE ARE MANY BUSINESSES THAT TAKE DAILY DELIVERIES THROUGHOUT THE PROJECT LIMITS. IN ORDER TO ACCOMMODATE THESE BUSINESSES THE CONTRACTOR WILL HAVE THE OPTION OF USING HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE IN ACCORDANCE WITH SECTIONS 1001 AND 1020 OF THE STANDARD SPECIFICATIONS AT THE LOCATIONS THAT ARE APPROVED IN WRITING BY THE ENGINEER. THE CONTRACTOR WILL ONLY BE PERMITTED TO CLOSE THE BUSINESSES ACCESS FOR A MAXIMUM OF THREE (3) DAYS AND THE COMPRESSIVE STRENGTH OF THE CONCRETE REACHES 4000 PSI IN LESS THAN THREE (3) DAYS. ALL MIX DESIGNED SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO CONSTRUCTION ACTIVITIES. THIS WORK SHALL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUDED IN THE COST OF THE RELATED ITEMS.
32. THE MATERIAL FOR AGGREGATE SURFACE COURSE, TYPE B SHALL BE IN ACCORDANCE WITH SECTION 402 OF THE STANDARD SPECIFICATIONS EXPECT THAT THE ONLY MATERIAL ALLOWED SHALL BE CRUSHED STONE IN ACCORDANCE WITH ARTICLE 1004.01(A)(4) AND THE GRADATION SHALL BE CA 6.
33. STORM SEWERS SHALL BE IN ACCORDANCE WITH SECTIONS 550, 1040, AND 1042 OF THE STANDARD SPECIFICATIONS EXCEPT THAT THE ONLY ALLOWABLE CLASS A AND B MATERIAL USED DURING STORM SEWER INSTALLATION SHALL BE REINFORCED CONCRETE PIPE AND POLYVINYL CHLORIDE (PVC) SDR-26 PIPE, RESPECTIVELY.
34. ANY DEWATERING THAT MAY BE REQUIRED TO PERFORM THE WORK CONTAINED IN THIS CONTRACT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT. NO ADDITIONAL COMPENSATION WILL BE PROVIDED FOR DEWATERING ACTIVITIES.
35. THE CONTRACTOR SHALL FOLLOW SECTION 105.08 OF THE STANDARD SPECIFICATION IN PARTICULAR, COOPERATION WITH THE VILLAGE OF HAMPSHIRE STREET LIGHTING CONTRACT. AS INDICATED IN THE STAGING AND TRAFFIC CONTROL PLAN THE STREET LIGHTS SHALL BE INSTALLED PRIOR TO ANY TREES, SIGNAGE, RESTORATION, AND HOT-MIX ASPHALT SURFACE COURSE. THE CONTRACTOR SHALL COORDINATE WITH THE STREET LIGHTING CONTRACTOR IN ORDER TO AVOID ANY DELAYS DURING CONSTRUCTION OF KEYES AVENUE.

**VILLAGE OF HAMPSHIRE
SOIL EROSION AND SEDIMENT CONTROL**

THE CONTRACTOR SHALL PROVIDE SOIL EROSION AND SEDIMENTATION CONTROL IN ACCORDANCE WITH THE "PROCEDURES AND STANDARDS FOR SOIL EROSION AND SEDIMENTATION CONTROL IN NORTHEASTERN ILLINOIS" (REVISED JULY, 1988) PREPARED BY THE NORTHEASTERN ILLINOIS EROSION AND SEDIMENTATION CONTROL STEERING COMMITTEE AND THE ILLINOIS URBAN MANUAL PUBLISHED BY THE UNITED STATES DEPARTMENT OF AGRICULTURE - NATURAL RESOURCE CONSERVATION SERVICE FOR THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (LATEST EDITION) AND IN ACCORDANCE WITH THE PLANS.

SOIL STABILIZATION

1. TOPSOIL AND VEGETATIVE COVER - STRIP TOPSOIL AND REMOVE EXISTING VEGETATION. STOCKPILE ON SITE (FOR REUSE) AT LOCATION DESIGNATED.
2. TEMPORARY SEEDING - TEMPORARY SEEDING SHALL BE PROVIDED WITHIN 15 DAYS TO ANY DISTURBED AREAS THAT ARE SCHEDULED TO REMAIN DENUDED FOR LONGER THAN 60 DAYS.
3. PERMANENT SEEDING - IMMEDIATELY FOLLOWING FINISH GRADING AND TOPSOIL PLACEMENT INSTALL SEEDING OR SOD IN AREAS AS DESIGNATED ON PLANS.
4. PAVED AREAS - INSTALL THE AGGREGATE BASE AS SOON AS POSSIBLE IN THE CONSTRUCTION SEQUENCE TO PROVIDE REQUIRED STABILIZATION.
5. SLOPE PROTECTION - PROTECT SEEDING ON STEEP SLOPES WITH MULCH, EXCELSIOR BLANKET, OR EQUAL.

SEDIMENT CONTROL

1. ADJACENT PROPERTY - PROTECT ADJACENT PROPERTY FROM SEDIMENT DEPOSITION BY PRESERVING A VEGETATED BUFFER STRIP OR BY SEDIMENT BARRIERS OR FILTERS AT THE LOWER PERIMETER OF THE LOT.
2. SEDIMENTATION CONTROL SHALL BE PROVIDED IN ALL AREAS AROUND THE PERIMETER OF ALL STOCKPILE AREAS.
3. STORM SEWER INLET PROTECTION - DURING CONSTRUCTION FILTER SEDIMENT LADEN WATER THROUGH STRAW BALES AND FILTER FABRIC BEFORE IT ENTERS NEWLY CONSTRUCTED STORM SEWER.
4. STRAW BALES SHALL BE INSTALLED AS DITCH CHECKS AND STAKED IN PLACE AT 250 LINEAL FEET MAXIMUM SPACING IN ALL SWALES.
5. CONSTRUCTION ACCESS - CONSTRUCTION TRAFFIC SHALL ENTER AND LEAVE SITE AT A DESIGNATED ACCESS. PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT (MUD) BY RUNOFF OR VEHICLE TRACKING ONTO STATE HIGHWAYS OR LOCAL STREETS. IF NECESSARY, STATE HIGHWAYS OR LOCAL STREETS SHALL BE CLEANED DAILY AT THE END OF EACH WORK DAY OR AS REQUIRED TO KEEP MUD AND/OR OTHER DEBRIS OFF OF ANY HIGHWAY OR STREET.
6. REMOVAL OF CONTROL MEASURES - DISPOSE OF ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED.

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FILE NAME	USER NAME = #USER#	DESIGNED - JAM, SWM	REVISED - 12/02/09
#FILE#		DRAWN - KKP	REVISED - 01/22/10
	PLOT SCALE = #SCALE#	CHECKED - JAM	REVISED - 02/03/10
	PLOT DATE = #DATE#	DATE - 10/16/09	REVISED - -----

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: N/A	PROJECT NO. HPP-1468(004)	N/A	06-00015-00-PV	KANE	97	3
	SHEET NO. 3 OF 92 SHEETS					CONTRACT NO. 63406
	STA. N/A TO STA. N/A					FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT

**VILLAGE OF HAMPSHIRE
STANDARDS FOR SANITARY SEWER CONSTRUCTION**

1. ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION, AND REVISIONS THERETO, THE NOTES AND ON THE PLANS, AND IN ACCORDANCE WITH CODES AND ORDINANCES OF THE VILLAGE OF HAMPSHIRE, ILLINOIS.
2. SANITARY SEWERS AND SEWER SERVICE SHALL BE CONSTRUCTED OF THE FOLLOWING MATERIALS:
 - a. POLYVINYL CHLORIDE PLASTIC GRAVITY SEWER PIPE (PVC) CONFORMING TO ASTM DESIGNATION D-3034 OR D-2241 WITH ELASTOMERIC GASKET JOINTS CONFORMING TO ASTM DESIGNATION D-3139. THE STANDARD DIMENSION RATIO (SDR) FOR PVC PIPE SHALL BE 26 AS A MINIMUM AND SHALL BE DEPENDENT ON THE DEPTH OF COVER. SDR 26 GRAVITY SEWER SHALL BE USED FOR DEPTHS UP TO FIFTEEN (15) FEET AS MEASURED FROM THE TOP OF THE PIPE. FROM FIFTEEN (15) TO TWENTY (20) FEET SDR 21 PRESSURE-RATED PIPE CONFORMING TO ASTM D-2241 SHALL BE USED. AT DEPTHS GREATER THAN TWENTY (20) FEET, PVC PRESSURE-RATED PIPE SHALL BE USED THAT HAS A MINIMUM DIMENSION RATIO (DR) OF 18 AND CONFORMS TO ASTM D-2241, AWWA C900 OR AWWA C 905, WHICHEVER IS APPLICABLE.
 - b. WHERE DUCTILE IRON SANITARY SEWER PIPE IS SHOWN ON THE PLANS, THE PIPE SHALL BE DUCTILE IRON PIPE, CLASS 52, CONFORMING TO AWWA C-151 (ANSI 21.51), WITH JOINTS COMPLYING WITH AWWA C-111 (ANSI A21.11).
3. PIPE SIZE SHALL BE A MINIMUM OF 8" FOR SEWER MAINS AND 6" FOR SEWER SERVICES. PIPE SLOPES SHALL BE A MINIMUM OF 0.40% FOR 8" SEWER AND 1.00% FOR 6" SEWER SERVICES.
4. ALL SANITARY SEWER MANHOLES SHALL BE PRECAST REINFORCED CONCRETE ASTM DESIGNATION C-478 PROVIDED WITH APPROVED CAST IN PLACE RUBBER BOOTS (FLEXIBLE MANHOLE SLEEVE) HAVING A NOMINAL WALL THICKNESS OF THREE/SIXTEENTHS (3/16) INCHES WITH A RIBBED CONCRETE CONFIGURATION AND WITH STAINLESS STEEL BINDING STRAPS PROPERLY SIZED. ALL SANITARY SEWER MANHOLES SHALL BE SET IN BUTYL ROPE JOINT SEALANT, INCLUDING ALL COMPONENT PARTS, BOTTOMS, BARRELS, ADJUSTING RINGS AND CASTINGS. THE OUTSIDE JOINTS SHALL BE PROVIDED WITH A FOUR (4) INCH WIDE STRIP OF BUTYL-RESIN SEALANT COMPLETELY AROUND EACH JOINT WITH VERTICAL LAP OF ONE (1) INCH AND HORIZONTAL LAP OF SIX (6) INCHES.
5. ALL MANHOLE COVERS SHALL HAVE "SANITARY" CAST INTO THE TOP AND SHALL BE THE CONCEALED PICKHOLE TYPE. ALL COVERS USED FOR SANITARY SEWERS SHALL HAVE A MACHINED SURFACE AND A WATERTIGHT RUBBER GASKET SEAL. ALL MANHOLE FRAMES SHALL BE SET WITH BUTYL ROPE JOINT SEALANT. FRAME AND LID SHALL BE NEENAH R-1713 WITH TYPE B LID OR EQUAL.
6. A 4' DIAMETER (MIN.) INSPECTION MANHOLE SHALL BE CONSTRUCTED OUTSIDE ALL BUILDINGS FOR THE PURPOSE OF FLOW MONITORING. MANHOLES SHALL PROVIDE A MINIMUM 6-INCH DROP FROM INLET TO OUTLET PIPE TO FACILITATE SAMPLING.
7. ALL FINAL ADJUSTMENTS OF CASTINGS WILL BE ACCOMPLISHED BY THE USE OF PRECAST CONCRETE ADJUSTING RINGS SET IN BUTYL ROPE JOINT SEALANT; MORTAR JOINTS WILL NOT BE ALLOWED. TOTAL HEIGHT OF ADJUSTING RINGS USED SHALL NOT EXCEED EIGHT (8") INCHES. NO MORE THAN 2 ADJUSTING RINGS SHALL BE USED.
8. "SURSEAL" CHIMNEY SEALS AS DISTRIBUTED BY MARATHON MATERIALS, INC. (800/983-9493) OR APPROVED EQUAL, SHALL BE INSTALLED ON ALL MANHOLES.
9. SANITARY SEWER SERVICES SHALL BE CONSTRUCTED ACCORDING TO THE DETAILS ON THE PLANS.
10. WHEN CONNECTING TO AN EXISTING SANITARY MAIN WHEN A TEE OR WYE IS NOT PROVIDED, AN "INSERTA TEE" FITTING MUST BE INSTALLED. THE MINIMUM DISTANCE BETWEEN FITTINGS IS 4 FEET CENTER TO CENTER. DISRUPTION OF ANY EXISTING SANITARY MAIN BY BREAKING OR CUTTING IN A WYE/TEE IS PROHIBITED UNLESS THE EXISTING MAIN IS CRACKED OR BROKEN AT THE POINT OF CONNECTION WITH "INSERTA TEE". A REPRESENTATIVE OF THE VILLAGE SHALL DETERMINE THE EXISTING MAIN REPAIR OR REPLACEMENT REQUIRED ON A CASE BY CASE BASIS PRIOR TO CONNECTION, CONSTRUCTION OR INSTALLATION.
11. INFILTRATION LEAKAGE SHALL NOT EXCEED 200 GALLONS PER INCH OF PIPE DIAMETER PER MILE PER DAY OF SEWER PIPE, INCLUDING MANHOLES IN THE TEST SECTION.
12. ALL SANITARY SEWERS WILL BE SUBJECT TO AN AIR EXFILTRATION TEST, TELEVISION TEST, AND DEFLECTION TEST TO BE PERFORMED BY THE CONTRACTOR UNDER THE SUPERVISION OF THE ENGINEER. ALL TESTING WILL BE DONE IN CONFORMANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", CURRENT EDITION AND VILLAGE OF HAMPSHIRE REQUIREMENTS. IN ADDITION ALL MANHOLES SHALL BE VACUUM TESTED.
13. VACUUM TESTING OF EACH MANHOLE SHALL BE CARRIED OUT IMMEDIATELY AFTER ASSEMBLY AND PRIOR TO BACKFILLING. ALL LIFT HOLES SHALL BE PLUGGED WITH AN APPROVED NON-SHRINK GROUT.

NO GROUT WILL BE PLACED IN THE HORIZONTAL JOINTS BEFORE TESTING. ALL PIPES ENTERING THE MANHOLE SHALL BE PLUGGED, TAKING CARE TO SECURELY BRACE THE PLUGS FROM BEING DRAWN INTO THE MANHOLE.

THE TEST HEAD SHALL BE PLACED AT THE INSIDE OF THE TOP OF THE FRAME SECTION AND THE SEAL INFLATED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION.

A VACUUM OF 10 INCHES OF MERCURY SHALL BE DRAWN AND THE VACUUM PUMP SHUT OFF. WITH THE VALVES CLOSED, THE TIME SHALL BE MEASURED FOR THE VACUUM TO DROP TO 9 INCHES. THE MANHOLE SHALL PASS OF THE TIME IS GREATER THAN 60 SECONDS FOR A 48" DIAMETER MANHOLE, 75 SECONDS FOR A 60" MANHOLE AND 90 SECONDS FOR A 72" INCH MANHOLE.

IF THE MANHOLE FAILS THE INITIAL TEST, NECESSARY REPAIRS SHALL BE MADE WITH A NON-SHRINK GROUT WHILE THE VACUUM IS STILL BEING DRAWN. RETESTING SHALL PROCEED UNTIL A SATISFACTORY TEST IS OBTAINED.

**VILLAGE OF HAMPSHIRE
STANDARDS FOR WATER MAIN CONSTRUCTION**

1. ALL WATER MAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", SIXTH EDITION, DATED JULY 2009, AND REVISIONS THERETO, THESE IMPROVEMENT PLANS AND DETAILS, SPECIAL PROVISIONS AND IN ACCORDANCE WITH CODES AND ORDINANCES OF THE VILLAGE OF HAMPSHIRE, ILLINOIS.
2. ALL WATER MAIN SHALL BE DUCTILE IRON PIPE CLASS 52 WITH EITHER MECHANICAL OR PUSH_ON JOINTS AND SHALL CONFORM TO ANSI A21.51-96, AWWA C151 AND ANSI A21.11-00, AWWA C111.
3. ALL FITTINGS SHALL BE COMPACT DUCTILE IRON AND SHALL CONFORM TO AWWA/ANSI C153/A21.53_00. FITTINGS SHALL BE U.L. LISTED CLASS 350, TYLER, GRIFFIN OR APPROVED EQUAL.
4. ALL PIPE AND FITTINGS SHALL BE CEMENT LINED IN ACCORDANCE WITH AWWA/ANSI C104/A21.4-95.
5. ALL FITTINGS SHALL BE MECHANICAL JOINT AND SHALL BE RESTRAINED WITH MEGA LUGS BY EBAA IRON UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
6. LONG RADIUS CURVES, EITHER HORIZONTAL OR VERTICAL, MAY BE LAID WITH STANDARD PIPE BY DEFLECTIONS AT THE JOINTS. MAXIMUM DEFLECTIONS AT PIPE JOINTS AND LAYING RADIUS FOR THE VARIOUS PIPE LENGTHS SHALL BE IN ACCORDANCE WITH AWWA C600-99. WHEN RUBBER GASKETED PIPE IS LAID ON A CURVE, THE PIPE SHALL BE JOINTED IN A STRAIGHT ALIGNMENT AND THEN DEFLECTED TO THE CURVED ALIGNMENT. TRENCHES SHALL BE MADE WIDER ON CURVES FOR THIS PURPOSE.
7. SLEEVES SHALL BE SMITH BLAIR OMNI-COUPLING #441 OR EQUAL. SLEEVES SHALL BE PROVIDED AT LOCATIONS SHOWN ON THE PLANS OR AS REQUIRED. THE COST OF SLEEVES IS CONSIDERED AS INCLUDED IN THE COST OF WATER MAIN.
8. ALL GATE VALVES SHALL HAVE A NON-RISING STEM, SHALL HAVE A STANDARD 2' SQUARE OPERATING NUT AND SHALL OPEN IN A COUNTER-CLOCKWISE DIRECTION. GATE VALVES SHALL BE MUELLER RESILIENT WEDGE GATE VALVE CAT. NO. A-2360-23 IN ACCORDANCE WITH AWWA C-509_01. MAIN LINE VALVES SHALL BE FURNISHED WITH MECHANICAL JOINT CONNECTIONS AND RESTRAINED WITH MEGA LUGS.
9. ALL VALVE BOXES SHALL BE CAST IRON, TWO PIECE 5 1/4" INCH SHAFTS, SCREW TYPE TYLER MODEL 666_S. LIDS TO BE MARKED "WATER" (VALVE BOX EXTENSIONS IF REQUIRED ARE CONSIDERED INCLUDED IN THE COST). ALL BOXES WILL BE EQUIPPED WITH A RUBBER STABILIZER MANUFACTURED BY ADAPTER, INC.
10. ALL HYDRANTS SHALL BE IN ACCORDANCE WITH AWWA C502_94 AND SHALL BE A MUELLER A423 SUPER CENTURIUM HYDRANT (BREAK AWAY STYLE TRAFFIC DESIGN) WITH ONE 4 1/2" STEAMER NOZZLE AND TWO (2) HOSE OUTLETS, OF WHICH THE THREADS CONFORM WITH THE STANDARDS OF THE VILLAGE OF HAMPSHIRE, ILLINOIS. THE CONNECTIONS BETWEEN THE MAIN LINE SWIVEL TEE TO AUXILIARY VALVE AND AUXILIARY VALVE TO HYDRANT SHALL BE SWIVEL ANCHOR COUPLINGS.
11. ALL PRESSURE TAPS TO AN EXISTING VILLAGE MAIN SHALL BE MADE WITH MUELLER MECHANICAL JOINT TAPPING SLEEVE NO. H615 AND MUELLER T2360 FLG X MJ RESILIENT WEDGE TAPPING VALVE. ALL SHOULD BE CONSTRUCTED IN A VALVE VAULT.
12. ALL TEES, BENDS, VALVES, AND FIRE HYDRANTS SHALL BE ADEQUATELY SUPPORTED WITH A CONCRETE BASE, AND SUPPORTED LATERALLY WITH POURED IN PLACE THRUST BLOCKING AGAINST UNDISTURBED EARTH FOR ALL WATER MAIN WITH A DIAMETER 16" AND GREATER. CONCRETE BLOCK MAY BE USED IN LIEU OF POURED IN PLACE THRUST BLOCKING FOR ALL WATER MAIN WITH A DIAMETER LESS THAN 16".
13. ALL WATER MAINS SHALL HAVE A MINIMUM DEPTH OF COVER OF 5.5' OR AS NOTED ON PLANS.
14. ALL WATER SERVICES SHALL BE TYPE "K" COPPER PIPE WITH COMPRESSION CONNECTIONS.
15. ALL CORPORATION STOPS SHALL BE MUELLER. (1" H15008) (1-1/2' & 2" H15013)
16. ALL CURB STOPS SHALL BE MUELLER MINNEAPOLIS PATTERN. (1" H15155) (1-1/2' & 2" B25155)
17. ALL CURB BOXES SHALL BE MUELLER MINNEAPOLIS PATTERN BASE CURB BOX. (6' H10300 TAPT 2)
18. HYDROSTATIC TESTS - THE CONTRACTOR SHALL PERFORM HYDROSTATIC TESTS IN ACCORDANCE WITH DIVISION IV, SECTION 41 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION, AND APPLICABLE PROVISIONS OF AWWA C_600 AND C_603. THE WATER MAINS SHALL BE PRESSURE TESTED AT 150 PSI. THE TEST PRESSURE SHALL NOT DROP MORE THAN 2 PSI FOR THE DURATION OF THE TEST. THE GAUGE SHALL BE OF GOOD QUALITY AND CONDITION, AND BE FLUID FILLED. THE GAUGE SHALL HAVE A LARGE ENOUGH RANGE FOR THE PRESSURE BEING TESTED AND SHALL BE CAPABLE OF READING A MINIMUM PRESSURE INCREMENT OF 2 PSI. ALLOWABLE LEAKAGE SHALL BE AS SET FORTH IN AWWA C_600 LATEST EDITION. THE TESTING LENGTH SHALL BE LIMITED TO 1000 FOOT. IF MORE THAN 1000 FOOT OF WATER MAIN IS TESTED, THE ALLOWABLE LEAKAGE WILL BE BASED UPON 1000 FOOT. THE DURATION OF THE TEST SHALL BE FOR TWO HOURS MINIMUM.
19. DISINFECTION OF THE WATER MAINS - UPON COMPLETION OF THE NEWLY LAID WATER MAINS (AND WATER SERVICE LINES 4" AND LARGER), THE WATER MAINS SHALL BE DISINFECTED IN ACCORDANCE WITH THE AMERICAN WATER WORKS ASSOCIATION, PROCEDURE DESIGNATION, AWWA C_651, LATEST EDITION. THE CONTRACTOR IS RESPONSIBLE FOR COLLECTING SAMPLES AND HAVING BACTERIOLOGICAL TESTING PERFORMED AS REQUIRED BY THE IEPA. THE CONTRACTOR SHALL FURNISH TO THE VILLAGE THE REQUIRED DOCUMENTATION, TEST RESULTS, ETC., REQUIRED BY THE IEPA BEFORE PLACING THE WATER MAINS IN SERVICE OR BEFORE OPENING A WATER SERVICE LINE TO THE VILLAGE SYSTEM.
20. ALL WATER MAINS AND WATER SERVICE LINES SHALL BE PROTECTED FROM SANITARY SEWERS, STORM SEWERS, COMBINED SEWERS, HOUSE SEWER SERVICE CONNECTIONS AND DRAINS IN ACCORDANCE WITH TITLE 35: ENVIRONMENTAL PROTECTION AGENCY SUBTITLE F: PUBLIC WATER SUPPLIES, CHAPTER II: ENVIRONMENTAL PROTECTION AGENCY, PARTS 651-654 TECHNICAL POLICY STATEMENTS, SECTION 653.119.
21. NO WATER SERVICE TAPS SHALL BE MADE PRIOR TO VILLAGE RECEIVING THE IEPA OPERATING PERMIT.

Printed: February 1, 2010 @ 2:03 PM By: Kils Pump - Tab: 04-NOTES (22-34)
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PLOT DATE = #DATE#				DATE - 10/16/09				REVISED - ---				SCALE: N/A		PROJECT NO. HPP-1468(004)										JOB NO. C-91-175-06		CONTRACT NO. 63406							
												SHEET NO. 3 OF 92 SHEETS		STA. N/A TO STA. N/A										FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT									

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SPECIALTY ITEMS	SPECIAL PROVISION	PAY ITEM NUMBER	PAY ITEM DESCRIPTION	UNITS	TOTAL QUANTITY	KEYES AVENUE QUANTITY	INDUSTRIAL DRIVE QUANTITY	MILL AVENUE QUANTITY	80% FEDERAL, 20% VILLAGE			100% VILLAGE
									1000	Y002 - TRAFFIC SIGNS	Y003 - LANDSCAPING	
Δ		20101000	TEMPORARY FENCE	FOOT	200	200	0	0	200			
Δ		20101100	TREE TRUNK PROTECTION	EACH	10	10	0	0	10			
Δ		20200410	EARTH EXCAVATION (SPECIAL)	CU YD	6,858	6,582	276	0	6,858			
		20200300	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	500	500	0	0	500			
		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,404	1,404	0	0	1,404			
Δ		20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	1,404	1,404	0	0	1,404			
		20800150	TRENCH BACKFILL	CU YD	7,154	7,154	0	0	7,154			
		21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	3,761	3,761	0	0	3,761			
X		21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	12,386	11,359	1,028	0	12,386			
X Δ		21300010	EXPLORATION TRENCH, SPECIAL	FOOT	250	250	0	0	250			
X Δ		25000100	SEEDING, CLASS 1	ACRE	1.1	1.1	0.0	0.0	1.1			
X Δ		25000110	SEEDING, CLASS 1A	ACRE	1.1	0.9	0.2	0.0	1.1			
X Δ		25000312	SEEDING, CLASS 4A	ACRE	0.3	0.3	0.0	0.0	0.3			
X		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	199	180	19	0	199			
X		25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	199	180	19	0	199			
X		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	199	180	19	0	199			
X		25100630	EROSION CONTROL BLANKET	SQ YD	10,719	9,691	1,028	0	10,719			
X		25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	1,667	1,667	0	0	1,667			
X		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	256	235	21	0	256			
Δ		28000305	TEMPORARY DITCH CHECKS	FOOT	150	150	0	0	150			
X		28000400	PERIMETER EROSION BARRIER	FOOT	2,673	2,258	415	0	2,673			
		28000510	INLET FILTERS	EACH	43	43	0	0	43			
		28100109	STONE RIPRAP, CLASS A5	SQ YD	80	80	0	0	80			
		40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	571	571	0	0	571			
Δ		40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	8,103	4,855	2,010	1,238	8,103			
		40600300	AGGREGATE (PRIME COAT)	TON	91	43	29	20	91			
Δ		40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	725	41	407	277	725			
		40600895	CONSTRUCTING TEST STRIP	EACH	1	1	0	0	1			
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	569	40	241	288	569			
Δ		40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	160	17	143	0	160			
Δ		40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1,338	40	744	555	1,338			
Δ		40701811	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6 1/2"	SQ YD	12,005	12,005	0	0	12,005			
Δ		42300720	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH, SPECIAL	SQ YD	767	733	34	0	767			
Δ		42400430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	13,356	12,285	1,071	0	13,356			
Δ		42400800	DETECTABLE WARNINGS	SQ FT	24	24	0	0	24			
		44000100	PAVEMENT REMOVAL	SQ YD	8,236	7,841	395	0	8,236			
		44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	11,776	636	6,686	4,454	11,776			
		44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	468	134	123	211	468			
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	673	520	153	0	673			
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	397	306	91	0	397			
		44000600	SIDEWALK REMOVAL	SQ FT	3,935	3,935	0	0	3,935			
Δ		44201713	CLASS D PATCHES, TYPE I, 6 INCH	SQ YD	3	0	3	0	3			
Δ		44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	13	0	13	0	13			

Plotted: February 1, 2010 @ 2:04 PM By: Kris Pung - Job: 05-QUANTS (22-34)

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PLOT DATE = #DATE#	CHECKED - JAM	REVISED - 02/03/10
	DATE - 10/16/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06		
SCALE: N/A	SHEET NO. 4 OF 92 SHEETS	STA. N/A	TO STA. N/A

F.A.R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	5
FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT	
			CONTRACT NO. 63406	

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SPECIALTY ITEMS SPECIAL PROVISION	PAY ITEM NUMBER	PAY ITEM DESCRIPTION	UNITS	TOTAL QUANTITY	KEYES AVENUE QUANTITY	INDUSTRIAL DRVE QUANTITY	MILL AVENUE QUANTITY	80% FEDERAL, 20% VILLAGE			100% VILLAGE
								1000 23	Y002 - TRAFFIC SIGNS	Y003 - LANDSCAPING	Y060
Δ	44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	23	0	23	0	1000 23	Y002 - TRAFFIC SIGNS	Y003 - LANDSCAPING	Y060
Δ	44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	206	68	138	0	206			
	44300100	AREA REFLECTIVE CRACK CONTROL TREATMENT	SQ YD	12,935	733	7,248	4,953	12,935			
Δ	48101300	AGGREGATE SHOULDERS, TYPE B (SPECIAL)	TON	1,589	132	711	746	1,589			
Δ	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	1	0	0	1			
Δ	54214080	ALUMINUM END SECTIONS 15"	EACH	1	0	1	0	1			
Δ	54214521	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 36"	EACH	1	1	0	0	1			
Δ	54248160	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 36"	EACH	1	1	0	0	1			
Δ	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	204	204	0	0	204			
Δ	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	140	140	0	0	140			
Δ	550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	213	213	0	0	213			
Δ	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	346	346	0	0	346			
Δ	550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	310	310	0	0	310			
Δ	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	158	158	0	0	158			
Δ	550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	FOOT	70	70	0	0	70			
Δ	550A2340	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	FOOT	192	192	0	0	192			
Δ	550A2360	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 24"	FOOT	303	303	0	0	303			
	550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	138	138	0	0	138			
	55100200	STORM SEWER REMOVAL 6"	FOOT	16	16	0	0	16			
	55100300	STORM SEWER REMOVAL 8"	FOOT	20	20	0	0	20			
	55100900	STORM SEWER REMOVAL 18"	FOOT	103	103	0	0	103			
X Δ	56102900	DUCTILE IRON WATER MAIN 4"	FOOT	35	35	0	0				35
X Δ	56103000	DUCTILE IRON WATER MAIN 6"	FOOT	488	488	0	0				488
X Δ	56103200	DUCTILE IRON WATER MAIN 10"	FOOT	819	819	0	0				819
X Δ	56200200	WATER SERVICE LINE 3/4"	FOOT	40	40	0	0				40
X Δ	56200300	WATER SERVICE LINE 1"	FOOT	75	75	0	0				75
X Δ	56300300	ADJUSTING WATER SERVICE LINES	FOOT	178	178	0	0				178
X Δ	56400500	FIRE HYDRANTS TO BE REMOVED	EACH	9	9	0	0				9
X Δ	56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	5	5	0	0				5
Δ	60101605	PIPE DRAINS 4" (SPECIAL)	FOOT	300	300	0	0	300			
Δ	60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4	0	0	4			
Δ	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	1	1	0	0	1			
Δ	60204805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	1	0	0	1			
Δ	60213300	CATCH BASINS, SPECIAL	EACH	1	1	0	0	1			
Δ	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	9	9	0	0	9			
Δ	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3	0	0	3			
Δ	60222000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	1	0	0	1			
Δ	60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2	0	0	2			
Δ	60228110	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11	11	0	0	11			
Δ	60228120	MANHOLES, SANITARY, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	0	0	1			
Δ	60235300	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	EACH	1	1	0	0	1			
Δ	60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	7	7	0	0	7			

Plotted: February 1, 2010 @ 2:04 PM By: Kris Pung - Job: 06-00015 (22-34)

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PLOT DATE = #DATE#		DATE - 10/16/09	REVISED - -----

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N/A	PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06	F.A. RTE. N/A	SECTION 06-00015-00-PV	COUNTY KANE	TOTAL SHEETS 97	SHEET NO. 6
	SHEET NO. 5 OF 92 SHEETS	STA. N/A TO STA. N/A	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
						CONTRACT NO. 63406	

Path: \\SSKSR001\H00587\DWG\H0028\DWG_FINAL_ENG\H00587-CR

SPECIALTY ITEMS SPECIAL PROVISION	PAY ITEM NUMBER	PAY ITEM DESCRIPTION	UNITS	TOTAL QUANTITY	KEYES AVENUE QUANTITY	INDUSTRIAL DRIVE QUANTITY	MILL AVENUE QUANTITY	80% FEDERAL, 20% VILLAGE			100% VILLAGE
								1000	Y002 - TRAFFIC SIGNS	Y003 - LANDSCAPING	
Δ	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	EACH	10	10	0	0	10			
Δ	60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	1	1	0	0	1			
Δ	60240310	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	EACH	3	3	0	0	3			
	60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1	0	0	1			
Δ	60266600	VALVE BOXES TO BE ADJUSTED	EACH	3	3	0	0	3			
Δ	60266910	VALVE BOXES TO BE REMOVED	EACH	1	1	0	0	1			
Δ	60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	17	4	1	12	17			
	60500040	REMOVING MANHOLES	EACH	3	3	0	0	3			
	60500050	REMOVING CATCH BASINS	EACH	2	2	0	0	2			
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	4,647	4,245	402	0	4,647			
Δ	60623714	CONCRETE MEDIAN (SPECIAL)	SQ FT	482	482	0	0	482			
Δ	60801000	FLAP GATE (SPECIAL)	EACH	1	1	0	0	1			
Δ	61141300	STORM SEWERS, SPECIAL 36"	FOOT	712	712	0	0	712			
X	66400305	CHAIN LINK FENCE, 6'	FOOT	156	156	0	0	156			
X	66403200	CHAIN LINK GATES, 6' X 9' SINGLE	EACH	2	2	0	0	2			
	67100100	MOBILIZATION	L SUM	1	1	0	0	1			
Δ	70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	0	0	1			
Δ	70102550	TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR	EACH	1	1	0	0	1			
	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	22	14	4	4	22			
	70300100	SHORT-TERM PAVEMENT MARKING	FOOT	814	734	54	26	814			
	70300220	TEMPORARY PAVEMENT MARKING LINE 4"	FOOT	2,217	2,177	27	13	2,217			
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	271	245	18	9	271			
Δ	72000100	SIGN PANEL - TYPE 1	SQ FT	87	32	35	20	87			
	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	5	5	0	0	5			
X Δ	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	9.2	9.2	0.0	0.0	9			
X Δ	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,795	1,795	0	0	1,795			
X Δ	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	300	300	0	0	300			
X Δ	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	122	82	27	13	122			
X Δ	B2001420	TREE, CORNUS MAS (CORNELIAN CHERRY DOG WOOD), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	3	3	0	0	3			
X Δ	B2001620	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2-1/2" CALIPER TREE FORM, BALLED AND BURLAPPED	EACH	10	10	0	0	10			
X Δ	B2006220	TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	38	38	0	0	38			
X Δ	X0300020	WATER SERVICE CONNECTION	EACH	8	8	0	0				8
Δ	X0301430	PRECAST CONCRETE PARKING BLOCK	EACH	6	6	0	0	6			
X Δ	X0320374	PLUG EXISTING SANITARY SEWERS	EACH	10	10	0	0	10			
X Δ	X0320591	SANITARY MANHOLES TO BE REMOVED	EACH	9	9	0	0	9			
X Δ	X0322786	SANITARY SEWER TESTING	L SUM	1	1	0	0	1			
X Δ	X0322789	TELEVISION INSPECTION OF NEW SANITARY SEWER	FOOT	1,943	1,943	0	0	1,943			
X Δ	X0323353	GATE VALVES, 10"	EACH	3	3	0	0				3
X Δ	X0323951	GATE VALVES, 4"	EACH	1	1	0	0				1
X Δ	X0324451	INSTALL WATER SERVICE COMPLETE	EACH	1	1	0	0				1
X Δ	X0325596	AIR TESTING	EACH	12	12	0	0	12			
X Δ	X0325846	ABANDONMENT OF EXISTING WATER MAINS	L SUM	1	1	0	0				1

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PATH: \\S01KPC01\IA0657\DWG\IA0657.DWG FINAL ENG\IA0657-COR

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PLOT SCALE = #SCALE# PLOT DATE = #DATE#				PROJECT NO. HPP-1468(004) SHEET NO. 5 OF 92 SHEETS	JOB NO. C-91-175-06 STA. N/A TO STA. N/A			FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT					
											CONTRACT NO. 63406		

SPECIALTY ITEMS SPECIAL PROVISION	PAY ITEM NUMBER	PAY ITEM DESCRIPTION	UNITS	TOTAL QUANTITY	KEYES AVENUE QUANTITY	INDUSTRIAL DRIVE QUANTITY	MILL AVENUE QUANTITY	80% FEDERAL, 20% VILLAGE			100% VILLAGE
								1000	Y002 - TRAFFIC SIGNS	Y003 - LANDSCAPING	
X Δ	X0326713	SANITARY SEWER CONNECTION	EACH	2	2	0	0	2			
X Δ	X0539200	DROP MANHOLE CONNECTION	EACH	2	2	0	0	2			
X Δ	X0839900	SANITARY SEWER REMOVAL 6"	FOOT	580	580	0	0	580			
X Δ	X0840000	SANITARY SEWER REMOVAL 8"	FOOT	1,396	1,396	0	0	1,396			
Δ	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	5	5	0	0	5			
Δ	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	20	20	0	0	20			
Δ	X4023000	TEMPORARY ACCESS (ROAD)	EACH	6	6	0	0	6			
X Δ	X5630706	CONNECTION TO EXISTING WATER MAIN 6"	EACH	1	1	0	0				1
X Δ	X5630710	CONNECTION TO EXISTING WATER MAIN 10"	EACH	10	10	0	0				10
X Δ	X5640150	FIRE HYDRANT ASSEMBLY COMPLETE	EACH	8	8	0	0				8
Δ	XX000610	RELOCATE EXISTING MAILBOX	EACH	4	4	0	0	4			
X Δ	XX000836	PRESSURE TESTING AND DISINFECTION	L SUM	1	1	0	0				1
X Δ	XX001342	DOMESTIC WATER SERVICE BOX TO BE REPLACED	EACH	5	5	0	0				5
X Δ	XX001386	SANITARY SEWERS, PVC, 8"	FOOT	851	851	0	0	851			
X Δ	XX001464	SANITARY SEWERS, PVC, 6"	FOOT	538	538	0	0	538			
X Δ	XX001465	PVC SANITARY SEWER, 10"	FOOT	415	415	0	0	415			
X Δ	XX001470	SANITARY SERVICE CONNECTION	EACH	18	18	0	0	18			
X Δ	XX001877	SUMP PUMP LINE CONNECTION	EACH	20	20	0	0	20			
X Δ	XX002136	PRESSURE CONNECTION	EACH	1	1	0	0				1
X Δ	XX002982	GATE VALVES, 6"	EACH	1	1	0	0				1
Δ	XX005043	ORNAMENTAL SIGN POST	EACH	15	6	4	5	15			
X Δ	XX006248	SANITARY SEWER, PVC D3034 8"	FOOT	521	521	0	0	521			
X Δ	XX006250	SANITARY SEWER, PVC D3034 10"	FOOT	156	156	0	0	156			
X Δ	XX006464	DOMESTIC WATER SERVICE BOX TO BE ADJUSTED (SPECIAL)	EACH	5	5	0	0				5
Δ	XX006571	REMOVE AND REPLACE BOLLARDS	EACH	1	1	0	0	1			
X Δ	XX006884	CRUSHED STONE, TRENCH FOUNDATION	CU YD	2,000	2,000	0	0				2,000
X Δ	XX011700	WATER MAIN FITTINGS	POUND	1,087	1,087	0	0				1,087
Δ	Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	12,005	11,403	602	0	12,005			
Δ	Z0019600	DUST CONTROL WATERING	UNIT	15	15	0	0	15			
Δ	Z0022800	FENCE REMOVAL	FOOT	605	605	0	0	605			
X Δ	Z0057000	SANITARY SEWER 10"	FOOT	35	35	0	0				35
X Δ	Z0057300	SANITARY SEWER 18"	FOOT	110	110	0	0				110
* Δ	Z0076600	TRAINEES	HOUR	500	500	0	0	500			

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	PLOT DATE = #DATE#	DATE - 10/16/09	REVISED - 02/08/10

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SCALE: N/A	SHEET NO. 5 OF 92 SHEETS
STA. N/A	TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	8
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63406	

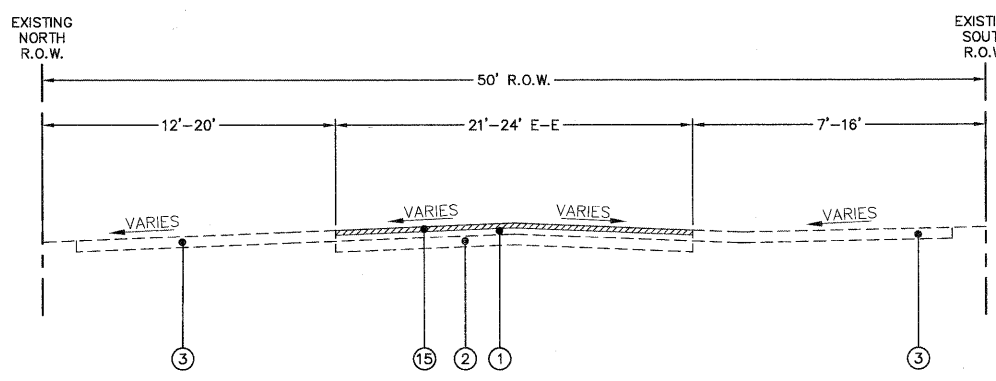
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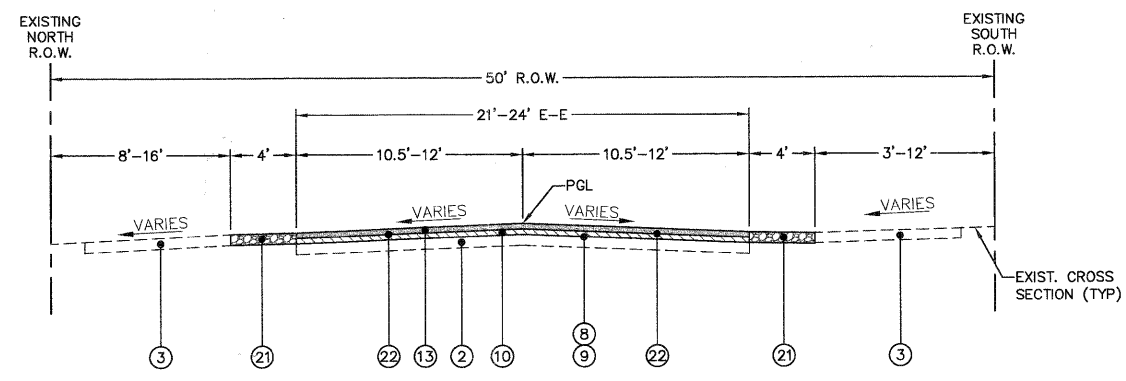
LEGEND	
①	EXISTING ASPHALT PAVEMENT
②	EXISTING SUB-BASE GRANULAR MATERIAL
③	EXISTING AGGREGATE SHOULDER/SURFACE
④	PAVEMENT REMOVAL
⑤	EARTH EXCAVATION
⑥	AGGREGATE SUBGRADE, 12"
⑦	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
⑧	BITUMINOUS MATERIALS (PRIME COAT)
⑨	AGGREGATE (PRIME COAT)
⑩	LEVELING BINDER, (MACHINE METHOD), N50, 1"
⑪	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/2"
⑫	HOT-MIX ASPHALT BINDER COURSE, IL-14.0, N50, 4 1/2" (2 LIFTS)
⑬	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
⑭	TOPSOIL, SEEDING, FERTILIZER AND MULCH PER PLANS
⑮	HOT-MIX ASPHALT SURFACE REMOVAL, 2"
⑯	POROUS GRANULAR EMBANKMENT, AS NEEDED
⑰	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION, AS NEEDED
⑱	5' PORTLAND CEMENT CONCRETE SIDEWALK, 5" THICK ON 4" AGGREGATE BASE, TYPE B (7" THICK @ DRIVEWAYS W/ 6" BASE)
⑲	7' PORTLAND CEMENT CONCRETE SIDEWALK, 5" THICK ON 4" AGGREGATE BASE, TYPE B (7" THICK @ DRIVEWAYS W/ 6" BASE)
⑳	EXISTING SIDEWALK
㉑	AGGREGATE SHOULDERS, TYPE B, 6"
㉒	AREA REFLECTIVE CRACK CONTROL
㉓	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOID @ N _{des}
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5MM), 2"	4% @ 50 GYR.
LEVELING BINDER (MACHINE METHOD), N50 (IL-9.5 MM), 1"	4% @ 50 GYR.
FULL DEPTH PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5MM), 2"	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4 1/2" (2 LIFTS)	4% @ 50 GYR.
PAVEMENT WIDENING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5MM), 2"	4% @ 50 GYR.
LEVELING BINDER (MACHINE METHOD), N50 (IL-9.5 MM), 1"	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/2"	4% @ 50 GYR.
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19.0 MM)	4% @ 70 GYR.
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ON SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS	
THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT QUANTITIES IS 112 LBS/SQ.YD./INCH.	
CONTRACTOR SHALL MILL BEFORE PATCHING.	

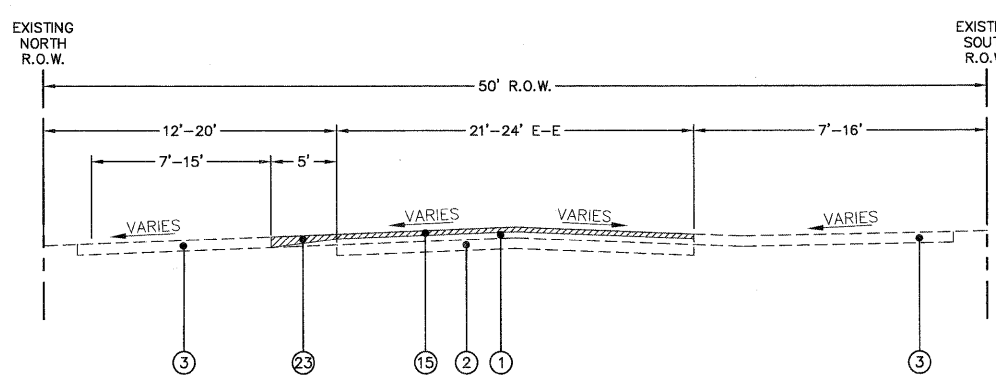
EXISTING THICKNESS TABLE		
ROADWAY	AVERAGE EXISTING HOT-MIX ASPHALT THICKNESS (INCHES)	AVERAGE EXISTING AGGREGATE BASE COURSE THICKNESS (INCHES)
MILL AVENUE	4.50	5.50



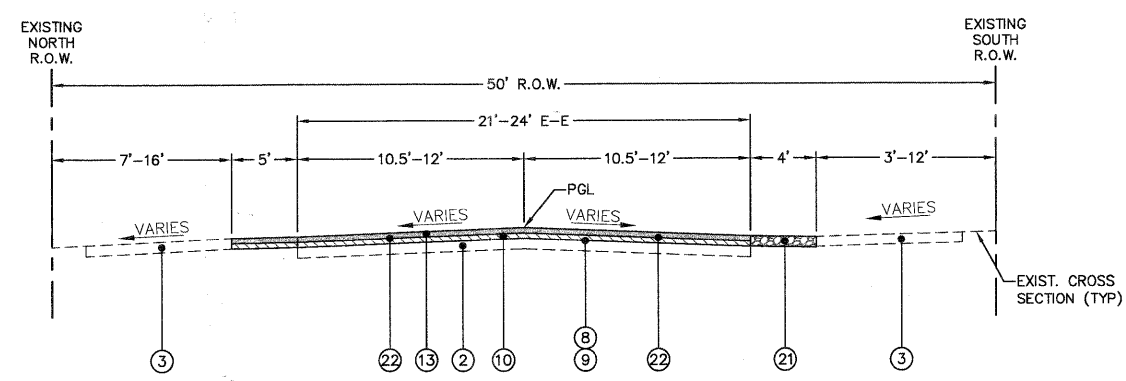
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MILL AVENUE
STA. 100+49 TO STA. 106+90



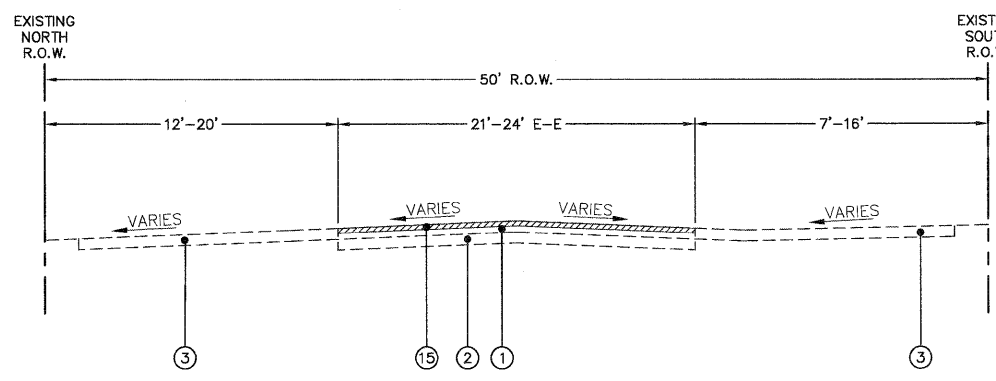
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MILL AVENUE
STA. 100+49 TO STA. 106+90



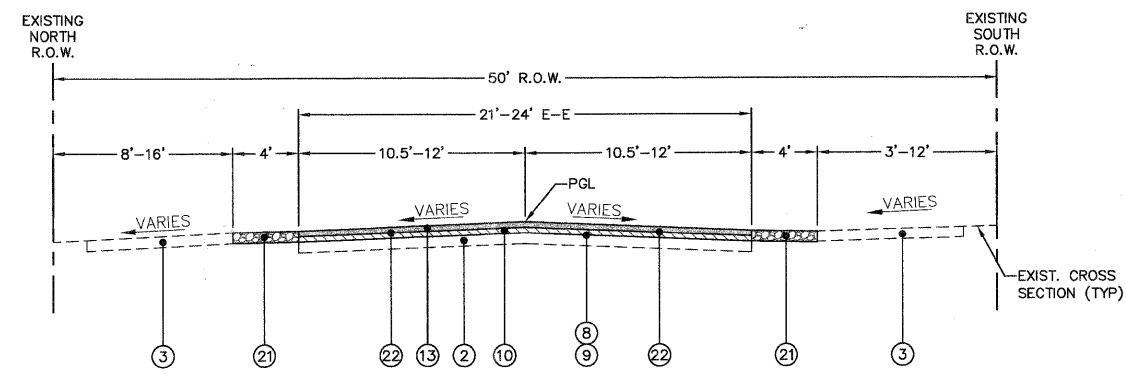
EXISTING TYPICAL SECTION
MILL AVENUE
STA. 106+90 TO STA. 110+70



PROPOSED TYPICAL SECTION
MILL AVENUE
STA. 106+90 TO STA. 110+70



EXISTING TYPICAL SECTION
MILL AVENUE
STA. 110+70 TO STA. 117+77



PROPOSED TYPICAL SECTION
MILL AVENUE
STA. 110+70 TO STA. 117+77

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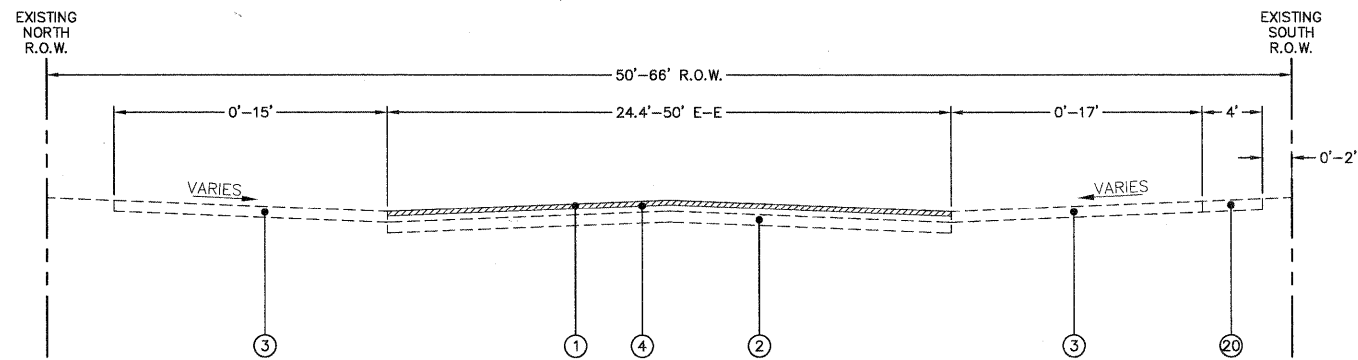
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		DATE - 10/16/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

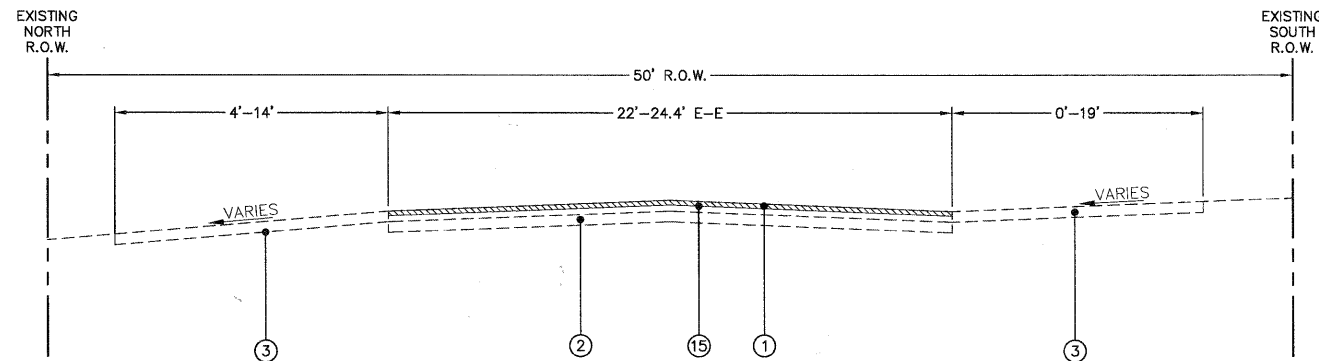
MILL AVENUE - TYPICAL CROSS SECTIONS	
PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SHEET NO. 6 OF 92 SHEETS	STA. N/A TO STA. N/A

F.A. - RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	9
CONTRACT NO. 63406				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

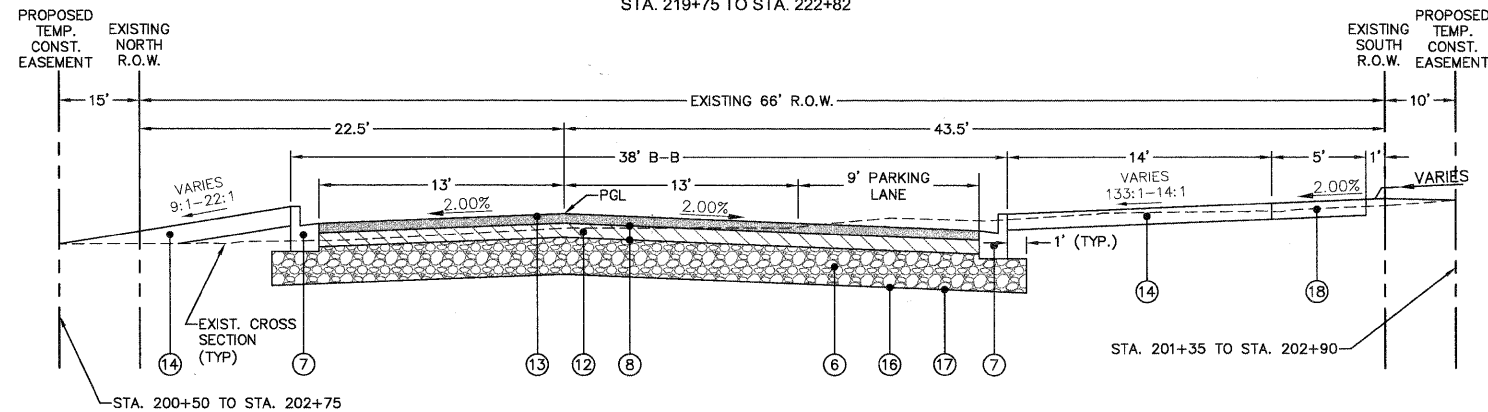
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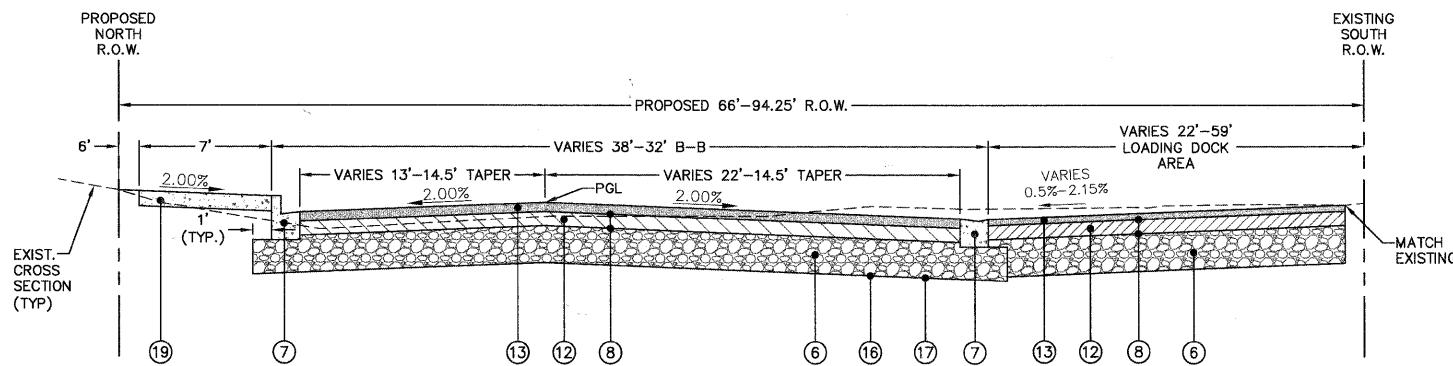
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KEYES AVENUE
STA. 200+26 TO STA. 219+75



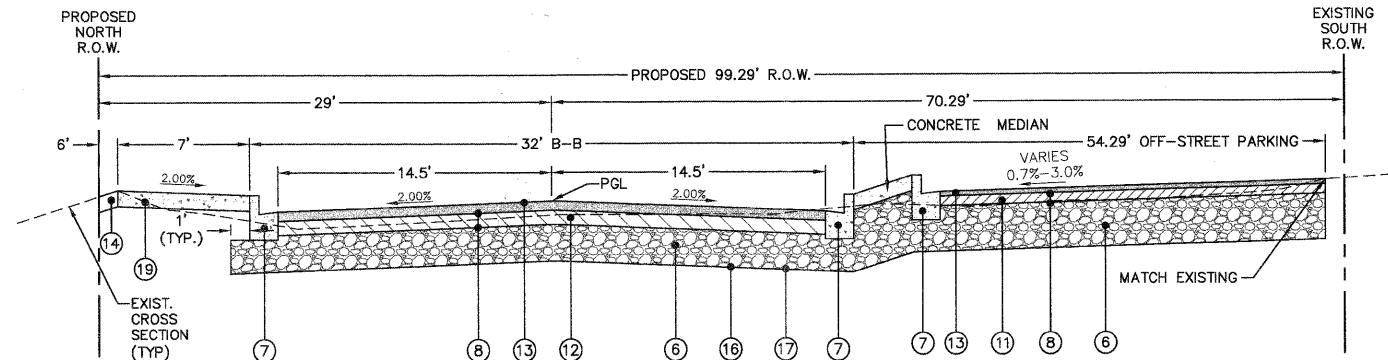
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KEYES AVENUE
STA. 219+75 TO STA. 222+82



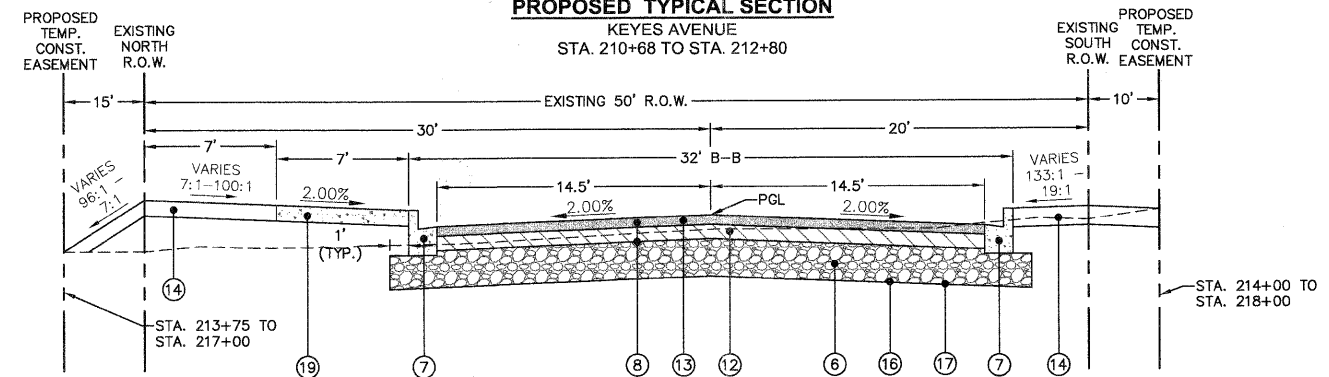
PROPOSED TYPICAL SECTION
KEYES AVENUE
STA. 200+26 TO STA. 207+94



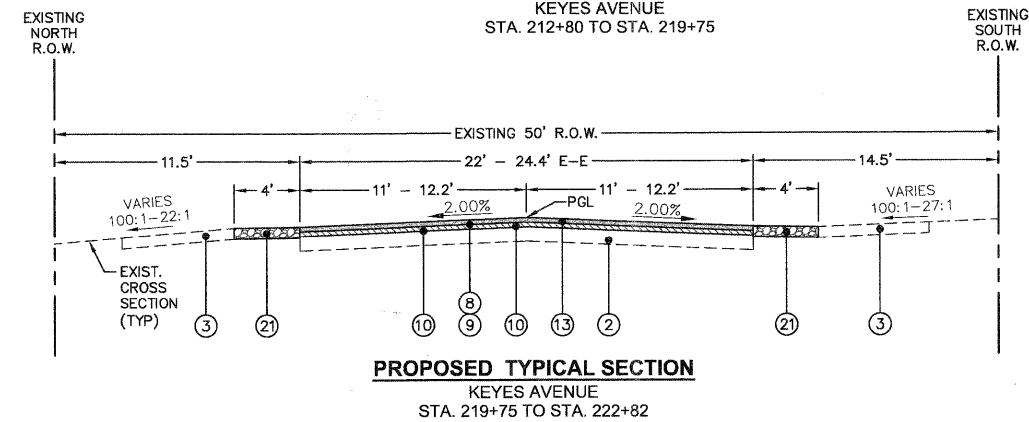
PROPOSED TYPICAL SECTION
KEYES AVENUE
STA. 207+94 TO STA. 210+68, KEYES AVENUE



PROPOSED TYPICAL SECTION
KEYES AVENUE
STA. 210+68 TO STA. 212+80



PROPOSED TYPICAL SECTION
KEYES AVENUE
STA. 212+80 TO STA. 219+75



PROPOSED TYPICAL SECTION
KEYES AVENUE
STA. 219+75 TO STA. 222+82

LEGEND

- ① EXISTING ASPHALT PAVEMENT
- ② EXISTING SUB-BASE GRANULAR MATERIAL
- ③ EXISTING AGGREGATE SHOULDER/SURFACE
- ④ PAVEMENT REMOVAL
- ⑤ EARTH EXCAVATION
- ⑥ AGGREGATE SUBGRADE, 12"
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑧ BITUMINOUS MATERIALS (PRIME COAT)
- ⑨ AGGREGATE (PRIME COAT)
- ⑩ LEVELING BINDER, (MACHINE METHOD), N50, 1"
- ⑪ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/2"
- ⑫ HOT-MIX ASPHALT BINDER COURSE, IL-14.0, N50, 4 1/2" (2 LIFTS)
- ⑬ HOT-MIX ASPHALT SURFACE COURSE, MIX 'C', N50, 2"
- ⑭ TOPSOIL, SEEDING, FERTILIZER AND MULCH PER PLANS
- ⑮ HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ⑯ POROUS GRANULAR EMBANKMENT, AS NEEDED
- ⑰ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION, AS NEEDED
- ⑱ 5" PORTLAND CEMENT CONCRETE SIDEWALK, 5" THICK ON 4" AGGREGATE BASE, TYPE B (7" THICK @ DRIVEWAYS W/ 6" BASE)
- ⑲ 7" PORTLAND CEMENT CONCRETE SIDEWALK, 5" THICK ON 4" AGGREGATE BASE, TYPE B (7" THICK @ DRIVEWAYS W/ 6" BASE)
- ⑳ EXISTING SIDEWALK
- ㉑ AGGREGATE SHOULDERS, TYPE B, 6"
- ㉒ AREA REFLECTIVE CRACK CONTROL
- ㉓ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

EXISTING THICKNESS TABLE

ROADWAY	AVERAGE EXISTING HOT-MIX ASPHALT THICKNESS (INCHES)	AVERAGE EXISTING AGGREGATE BASE COURSE THICKNESS (INCHES)
KEYES AVENUE	5.13	4.13

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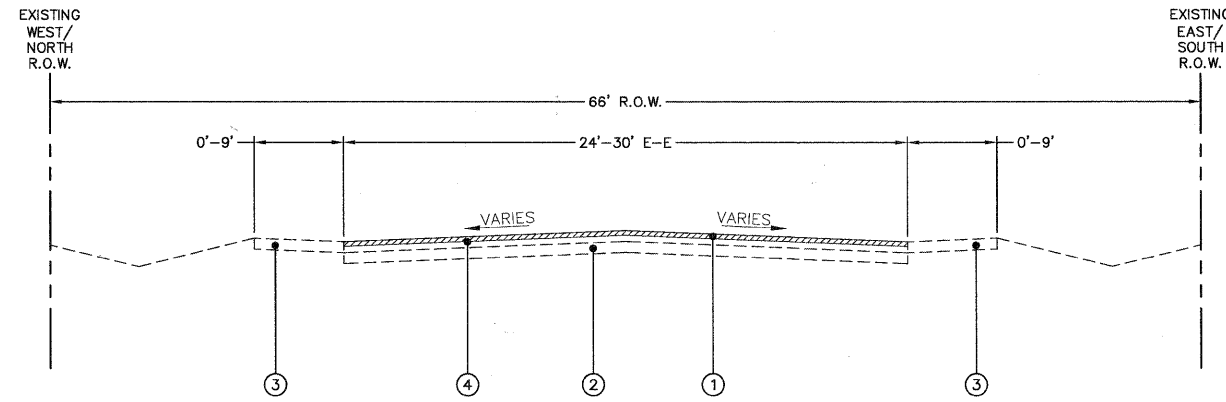
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FILE#		DRAWN - KKP	REVISED - 01/22/10
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		DATE - 10/16/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

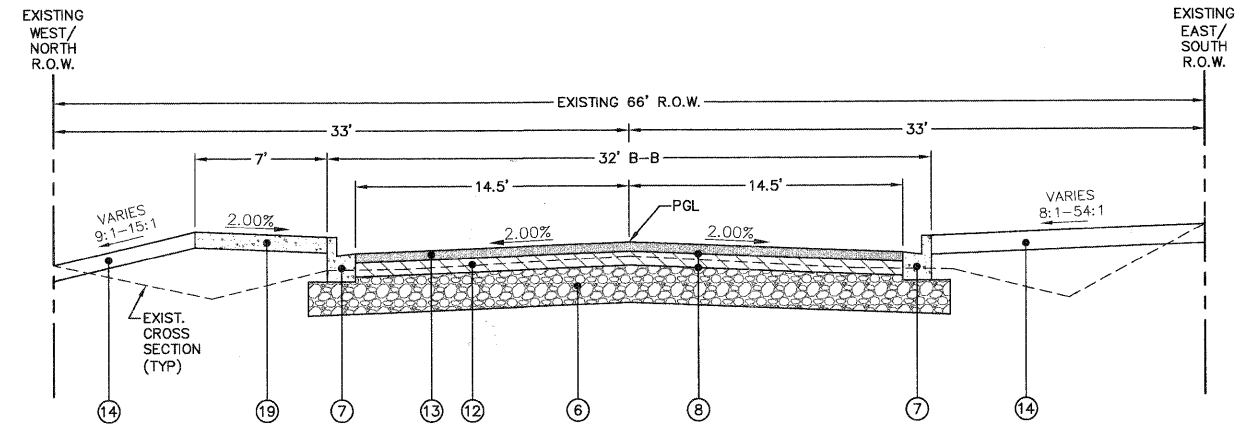
KEYES AVENUE - TYPICAL CROSS SECTIONS

PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SHEET NO. 7 OF 92 SHEETS	STA. N/A TO STA. N/A

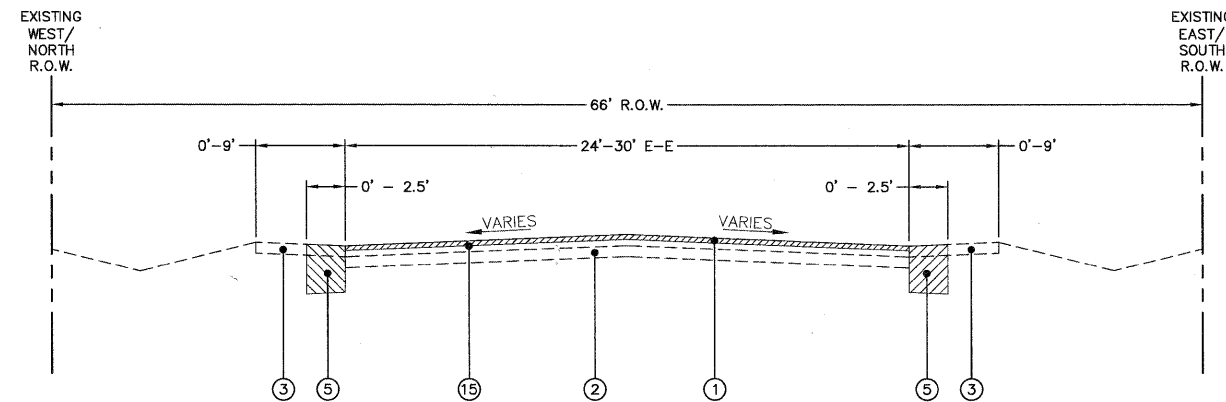
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	10
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63406	



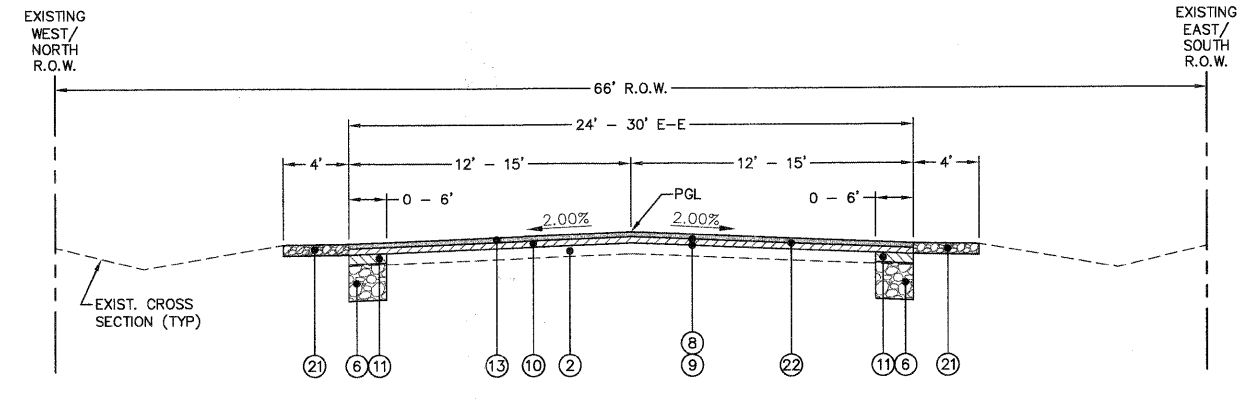
EXISTING TYPICAL SECTION
INDUSTRIAL DRIVE
STA. 300+00 TO STA. 302+00



PROPOSED TYPICAL SECTION
INDUSTRIAL DRIVE
STA. 300+00 TO STA. 302+00



EXISTING TYPICAL SECTION
INDUSTRIAL DRIVE
STA. 302+00 TO STA. 325+73



PROPOSED TYPICAL SECTION
INDUSTRIAL DRIVE
STA. 302+00 TO STA. 325+73

LEGEND

- | | |
|---|---|
| ① EXISTING ASPHALT PAVEMENT | ⑬ HOT-MIX ASPHALT SURFACE COURSE, MIX 'C', N50, 2" |
| ② EXISTING SUB-BASE GRANULAR MATERIAL | ⑭ TOPSOIL, SEEDING, FERTILIZER AND MULCH PER PLANS |
| ③ EXISTING AGGREGATE SHOULDER/SURFACE | ⑮ HOT-MIX ASPHALT SURFACE REMOVAL, 2" |
| ④ PAVEMENT REMOVAL | ⑯ POROUS GRANULAR EMBANKMENT, AS NEEDED |
| ⑤ EARTH EXCAVATION | ⑰ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION, AS NEEDED |
| ⑥ AGGREGATE SUBGRADE, 12" | ⑱ 5' PORTLAND CEMENT CONCRETE SIDEWALK, 5" THICK ON 4" AGGREGATE BASE, TYPE B (7" THICK @ DRIVEWAYS W/ 6" BASE) |
| ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 | ⑲ 7' PORTLAND CEMENT CONCRETE SIDEWALK, 5" THICK ON 4" AGGREGATE BASE, TYPE B (7" THICK @ DRIVEWAYS W/ 6" BASE) |
| ⑧ BITUMINOUS MATERIALS (PRIME COAT) | ⑳ EXISTING SIDEWALK |
| ⑨ AGGREGATE (PRIME COAT) | ㉑ AGGREGATE SHOULDERS, TYPE B, 6" |
| ⑩ LEVELING BINDER, (MACHINE METHOD), N50, 1" | ㉒ AREA REFLECTIVE CRACK CONTROL |
| ⑪ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/2" | ㉓ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH |
| ⑫ HOT-MIX ASPHALT BINDER COURSE, IL-14.0, N50, 4 1/2" (2 LIFTS) | |

EXISTING THICKNESS TABLE		
ROADWAY	AVERAGE EXISTING HOT-MIX ASPHALT THICKNESS (INCHES)	AVERAGE EXISTING AGGREGATE BASE COURSE THICKNESS (INCHES)
INDUSTRIAL DRIVE	4.60	4.40

Plotted: February 1, 2010 @ 2:08 PM By: Kris Pung - Job: 11-SECTN (22-34)

Path: \\SSSRPC01\H0657\DWG\H0657\INDING_FINAL_ENG\H0657-CVR

COPYRIGHT © 2010 ENGINEERING ENTERPRISES, INC.				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				INDUSTRIAL DRIVE - TYPICAL CROSS SECTION			
FILE NAME	USER NAME = #USER#	DESIGNED - JAM, SWM	REVISED - 12/02/09								
FILE#		DRAWN - KKP	REVISED - 01/22/10	N/A	06-00015-00-PV	KANE	97	11			
	PLOT SCALE = #SCALE#	CHECKED - JAM	REVISED - 02/03/10	PROJECT NO. HPP-1468(004)		JOB NO. C-91-175-06		CONTRACT NO. 63406			
	PLOT DATE = #DATE#	DATE - 10/16/09	REVISED -	SCALE: N/A	SHEET NO. 8 OF 92 SHEETS	STA. N/A	TO STA. N/A	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			

STORM SEWER STRUCTURE SCHEDULE

STR.	STATION	OFFSET	LT./RT.	INLET TY. A, TY. 11 F&G	INLET TY. A, TY. 11V, F&G	INLET TY. A, TY. 1 CLOSED LID	INLET TY. B, TY. 1, CLOSED LID	MH. TY. A, 4', TY. 11V F&G	MH. TY. A, 4', TY. 1 CLOSED LID	MH. TY. A, 5', TY. 1, CLOSED LID	MH. TY. A, 5', TY. 11V F&G	MH. TY. A, 5', TY. 11V F&G	MH. TY. A, 7', TY. 1, CLOSED LID	MH. TY. A, 7', TY. 11V F&G	C.B. TY. A, 4', TY. 11V F&G	C.B. TY. A, 4', TY. 1 CLOSED LID	C.B. TY. A, 5', TY. 11V F&G	C.B. TY. A, 7', TY. 1, CLOSED LID	PRC. REIN. CON. F.E.S., 12"	PRC. REIN. CON. F.E.S., ELLIPTICAL - EQUIV. ROUND SIZE 36"	FLAP GATE	ALMINUM END SEC., 15"	STONE RIPRAP CLASS A5			STRUCTURE INVERTS				T/C ELEV. (RIM ELEV. IF NO T/C)				
																							LENGTH (FT)	WIDTH (FT)	AREA (SY)	N	S	E	W					
1	203+18	197.50	LT.																	1			24	4.5	80									
2	201+93	14.50	LT.		1																												885.81	
3	201+93	6.00	RT.													1																	885.51	
4	201+93	23.50	RT.		1																												885.63	
5	202+87	14.50	LT.	1																													885.40	
6	202+94	14.50	LT.																														885.40	
7	202+94	6.00	RT.										1																				885.10	
8	202+87	23.50	RT.	1																													885.22	
9	202+94	23.50	RT.								1																						885.22	
10	204+25	14.50	LT.		1																												886.33	
11	204+25	6.00	RT.										1																				886.03	
12	204+25	23.50	RT.		1																												886.15	
13	206+77	14.53	LT.																1														887.40	
14	206+84	15.92	LT.									1																					887.43	
15	206+77	6.00	RT.																														887.14	
16	206+77	23.50	RT.																														887.25	
17	206+84	23.50	RT.	1																													887.25	
18	207+00	6.00	RT.																														887.18	
19	207+00	29.50	RT.																														887.10	
20	207+15	29.50	RT.																														887.40	
21	207+81	29.50	RT.																														888.40	
22	207+81	14.50	LT.																														888.52	
23	207+81	23.45	RT.		1																												888.34	
24	209+36	16.00	LT.																														892.82	
25	209+36	16.00	RT.		1																												892.81	
26	210+11	24.13	LT.																														894.99	
27	210+89	16.00	LT.																														896.15	
28	210+89	16.00	RT.																														896.15	
29	210+89	18.00	RT.	1																													896.35	
30	210+89	63.74	RT.				1																										896.86	
31	213+92	16.00	LT.																														903.81	
32	213+92	7.25	RT.																														903.52	
33	213+92	16.00	RT.		1																												903.81	
34	217+19	7.25	RT.																														905.98	
35	217+19	16.00	LT.	1																													906.27	
36	217+26	16.00	LT.	1																													906.27	
37	217+19	16.00	RT.																														906.27	
38	217+26	16.00	RT.	1																													906.27	
39	218+73	7.25	RT.																														906.86	
40	218+73	14.50	RT.		1																												907.27	
41	301+51	26.00	LT.																														906.37	
42	301+51	16.00	LT.		1																												906.57	
43	301+51	16.00	RT.		1																												906.57	
44	217+04	11.76	RT.																														905.90	
45	203+48	106.01	LT.																															
46	203+33	204.82	LT.																															
47	211+81	63.74	RT.																															
48	314+60	33.00	RT.																															
TOTALS					7	10	1	1	3	3	6	2	1	1	1	1	4	1	1	1	1	1			80									

Plotted: February 1, 2010 @ 2:06 PM By: Kris Pung - Tab: 12-SCHEDULES (22/34)

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FILE NAME	USER NAME = #USER#
FILE#	
PLOT SCALE = #SCALE#	
PLOT DATE = #DATE#	

DESIGNED - JAM, SWM	REVISED - 12/02/09
DRAWN - KKP	REVISED - 01/22/10
CHECKED - JAM	REVISED - 02/03/10
DATE - 10/16/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SHEET NO. 9 OF 92 SHEETS	STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	12
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
CONTRACT NO. 63406				

PATH: \S:\S\PROJ\H066\DWG\H066\H066\FINAL ENO\H066-COR

STORM SEWER DRAINAGE SCHEDULE

PIPE #	D.S. STR.	U.S. STR.	PIPE DIA.	LENGTH	SLOPE	TRENCH BACKFILL	S.S. CL. B TY. 1, 12" (SDR-26)	S.S. CL. A TY. 1, 12"	S.S. CL. A TY. 1, 15"	S.S. R.G., CL. A TY. 1, 15"	S.S. CL. A TY. 1, 18"	S.S. R.G., CL. A TY. 1, 18"	S.S. CL. A TY. 1, 24"	S.S. R.G., CL. A TY. 1, 24"	S.S. CL. A TY. 2, 24"	S.S. CL. A TY. 1, 30"	S.S. CL. A TY. 1, EQUIV. 36"
			(IN)	(FOOT)	(%)	(CY)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)
STM 2	3	2	15	20	1.25%	5.6			20								
STM 3	7	3	18	100	0.88%	48.0					100						
STM 4	3	4	15	17	1.47%	5.4			17								
STM 5	6	5	12	7	2.86%	1.2		7									
STM 6	1	6	29 x 45	184	0.16%	0.4											184
STM 7	6	7	29 x 45	20	1.00%	14.7											20
STM 8	9	8	12	7	2.86%	2.9			7								
STM 9	7	9	15	17	2.94%	11.5			17								
STM 10	11	10	12	20	2.50%	13.3		20									
STM 11	7	11	29 x 45	132	0.50%	141.0											132
STM 12	11	12	15	17	3.00%	12.9			17								
STM 13	15	13	29 x 45	21	0.52%	18.9											21
STM 14	13	14	29 x 45	7	0.57%	5.9											7
STM 15	11	15	29 x 45	252	0.50%	269.1											252
STM 16	15	16	15	17	3.00%	11.6			17								
STM 17	16	17	15	7	2.86%	2.6			7								
STM 19	18	19	18	23	0.09%	29.8					23						
STM 20	19	20	18	16	1.00%	20.5					16						
STM 21	20	21	18	66	3.55%	71.4					66						
STM 22	14	22	29 x 45	96	0.50%	81.2				38							96
STM 23	22	23	15	38	2.61%	26.2											
STM 24	22	24	30	152	2.43%	140.1										152	
STM 25	24	25	15	32	3.00%	20.6				32							
STM 26	24	26	30	79	2.43%	79.6										79	
STM 27	26	27	30	79	2.43%	74.1										79	
STM 28	27	28	18	32	3.00%	25.8						32					
STM 29	28	29	15	3	5.33%	2.4			3								
STM 30	29	30	12	45	0.51%	33.3	45										
STM 31	27	31	24	303	2.43%	233.3								303			
STM 32	31	32	24	23	2.13%	15.0							23				
STM 33	32	33	15	8	3.75%	3.5			8								
STM 34	32	34	24	323	0.65%	289.4							323				
STM 35	34	35	12	23	3.00%	15.7		23									
STM 36	35	36	12	7	4.29%	2.5		7									
STM 37	34	37	18	8	3.00%	5.9					8						
STM 38	37	38	15	7	3.43%	4.8			7								
STM 39	34	39	24	158	0.20%	152.6									158		
STM 40	39	40	15	20	3.00%	11.9			20								
STM 41	39	41	18	160	0.20%	129.0						160					
STM 42	41	42	12	11	3.00%	7.3			11								
STM 43	42	43	12	31	3.00%	11.8			31								
STM 46	45	46	12	105	0.48%	0.0			105								
STM 47	30	47	12	93	0.51%	72.2	93										
TOTAL						2,125	138	204	140	70	213	192	346	303	158	310	712

Plotted: February 1, 2010 @ 2:06 PM By: Krip Pump - Tab: 13--SCHEDULES (22x34)

Path: \\SSKPROJ\H40587\DWG\H40587.DWG FINAL ENG\H40587-CVR

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FILE NAME	USER NAME = #USER#
#FILE#	
PLOT SCALE = #SCALE#	
PLOT DATE = #DATE#	

DESIGNED - JAM, SWM	REVISED - 12/02/09
DRAWN - KKP	REVISED - 01/22/10
CHECKED - JAM	REVISED - 02/03/10
DATE - 10/16/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SCALE: N/A	SHEET NO. 10 OF 92 SHEETS
STA. N/A	TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	13
FED. ROAD DIST. NO. - ILLINOIS			FED. AID PROJECT	
			CONTRACT NO. 63406	

VALVE VAULT SCHEDULE								
STR.	STATION	OFFSET	LT./RT.	4"	8"	10"	10"	RIM ELEV.
				GATE VALVE	GATE VALVE	TAPPING VALVE	GATE VALVE	
				IN V. BOX (EACH)	IN 4' VV (EACH)	IN 5' VV (EACH)	IN 5' VV (EACH)	
1	203+16	6.5	LT	1				885.14
2	207+37	2.7	LT			1		887.58
3	213+40	24.9	LT				1	902.42
3A	212+88	21.0	RT		1			901.00
4	215+94	19.5	LT				1	906.27
5	219+39	21.3	LT				1	907.45
TOTALS				1	1	1	3	

SANITARY SEWER STRUCTURE SCHEDULE											
STR.	STATION	OFFSET	LT/RT	SAN MH	SAN MH	STRUCTURE INVERTS				RIM ELEV.	
				TY. A	TY. A	N	S	E	W		
				4' DIA.	5' DIA.						
				TY. 1 F, CL	TY. 1 F, CL						
				EACH	EACH						
1	201+71	17.7	RT	1							885.39
2	203+03	17.7	RT	1			879.75	879.03	879.03		884.89
3	205+86	17.7	RT	1			879.98 (6")	880.49	879.81	887.06	
4	208+70	22.0	RT	1			881.69	882.09	881.64	890.33	
5	209+54	9.50	RT	1				883.27 (6")	882.44	882.44	893.10
6	209+93	9.50	RT	1					882.60	882.60	894.11
7	213+09	9.50	RT		1	883.86	895.45	895.67	883.86	901.52	
7A	213+11	45.0	RT	1		895.60	896.05				901.30
8	213+09	10.5	LT	1		883.94	883.94				901.48
9	213+81	7.25	LT	1				895.97	895.97	903.18	
10	216+10	7.25	LT	1				896.89	896.89	906.31	
11	218+39	7.25	LT	1				898.00 (8")	898.00 (6")	897.81	906.52
TOTALS				11	1						

FIRE HYDRANT SCHEDULE					
STR.	STATION	OFFSET	LT./RT.	FIRE HYDRANT ASSEMBLY, COMPLETE (EACH)	BURY ELEV.
1	201+98	22.1	LT	1	889.40
2	205+76	21.5	LT	1	887.50
3	208+60	27.2	LT	1	890.60
4	211+60	28.0	LT	1	897.60
5	214+51	29.0	LT	1	904.50
6	218+24	32.0	LT	1	906.55
7	222+66	18.4	LT	1	906.80
8	212+98	54.0	RT	1	901.50
TOTALS				8	

SANITARY SEWER SCHEDULE									
PIPE #	D.S. STR.	U.S. STR.	LENGTH	SLOPE	TRENCH BACKFILL	8"	8"	10"	10"
						SDR-26	SDR-21	SDR-26	SDR-21
						(FOOT)	(FOOT)	(FOOT)	(FOOT)
SAN 1	Ex MH	1	156	0.28	285.1			156	
SAN 2	1	2	133	0.28	225.7				133
SAN 3	2	--	23	0.40	16.2	23			
SAN 4	2	3	282	0.28	551.5				282
SAN 5	3	4	287	0.40	569.1		287		
SAN 6	4	Ex MHB	35	0.89	39.3	35			
SAN 7	4	5	86	0.40	102.2	86			
SAN 8	5	6	38	0.40	58.2	38			
SAN 9	6	7	315	0.40	616.0		315		
SAN 10	7	8	20	0.40	47.0		20		
SAN 11	7	7A	35	0.43	24.2	35			
SAN 12	7	9	74	0.40	56.0	74			
SAN 13	9	10	229	0.40	223.6		229		
SAN 14	10	11	230	0.40	274.4	230			
TOTAL					3,089	521	851	156	415

Plotted: February 1, 2010 @ 2:07 PM By: Kris Pung - Tab: 14-SCHEDULES (22x34)

FILE NAME	USER NAME = #USER#	DESIGNED - JAM, SWM	REVISED - 12/02/09
#FILE#		DRAWN - KKP	REVISED - 01/22/10
	PLOT SCALE = #SCALE#	CHECKED - JAM	REVISED - 02/03/10
	PLOT DATE = #DATE#	DATE - 10/16/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE: N/A	PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06	
	SHEET NO. 11 OF 92 SHEETS	STA. N/A TO STA. N/A	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	14
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63406	

PATH: \\S05PR01\FAC56\DWG\HAD28\WORK FINAL ENO\HAD56-COR

PAVEMENT QUANTITIES SCHEDULE

STATION	STATION	L FT	PAVT WIDTH FT	TOTAL PAVT SY	AGG SHLD WIDTH FT	PVT REM SY	COMB C&G REM FT	HMA SURF REM, 2" SY	HMA SURF REM VAR DPH SY	HMA SURF REM BUTT JOINT SY	CLASS D PATCH, TYPE I, 6 INCH SY	CLASS D PATCH, TYPE II, 6 INCH SY	CLASS D PATCH, TYPE III, 6 INCH SY	CLASS D PATCH, TYPE IV, 6 INCH SY	DRIV PVT REM SY	SW REM SF	AGG SUBGR D, 12" SY	COMB CC&G TYB- 6.12 FT	BIT MATL PRCT GAL	AGG PRCT TON	HMA SURF CSE, MIX C, N50 TON	HMA BINDE R CSE, IL-19.0, N50 TON	LEVEL BIND (MM), N50 TON	AGG SHLDERS TYPE B TON	AGG SUR CSE, TYPE B TON	PCC SW SF	PCC DRIV PVT, 7" SY	HMA DRIV PVT SY	AREA RFLCTV CRCK CTRL SY	
KEYES AVENUE																														
200+26	204+50	424.0	35.0	2,038.1		1,434.0									124.0	1,908.0	2,038.1	893.0	815.2	6.1	235.2	522.2				109.4	2,125.0	240.0	61.7	
204+50	209+50	500.0	29.0-35.0	2,889.1		2,147.0	178.0								129.0	1,966.0	2,889.1	1,076.0	1,155.6	10.1	292.5	639.0				3,510.0	256.8			
209+50	214+50	500.0	29.0	4,071.3		2,427.0	64.0								145.0		4,071.3	1,209.0	1,628.5	17.6	381.3	725.0				155.6	3,500.0	50.0		
214+50	219+50	500.0	29.0	2,233.8		1,757.0	64.0								122.0	61.0	2,233.8	1,007.0	893.5	6.7	250.2	562.9				305.6	3,150.0	186.6		
219+50	222+82	332.0	27.0-24.0	904.3	4.0	76.0		636.0	134.0	40.0				68.0		171.0	60.0	361.7	2.0	101.3	43.1	41.1	131.8							733.3
INDUSTRIAL DRIVE																														
300+00	304+50	450.0	24.0-29.0	1,197.5	4.0	395.0		540.0	123.0								483.3	308.0	371.9	2.9	134.1	126.8	40.0	111.1		1,071.0				694.4
304+50	309+00	450.0	24.0-38.0	1,388.4	4.0			1,318.0		56.0					30.0				347.1	5.6	155.5		77.8	166.7			33.8			1,388.4
309+00	313+50	450.0	23.0	1,519.7	4.0			1,427.0		91.0	3.0								379.9	6.1	170.2		85.1	132.1						1,519.7
313+50	318+00	450.0	24.0	1,250.0	4.0		41.0	1,220.0				13.0	23.0		53.0		48.9	41.0	312.5	5.0	144.1	6.8	70.0	110.4				48.9	1,250.0	
318+00	322+00	400.0	24.0-30.0	1,230.0	4.0		50.0	1,208.0						29.0	70.0		69.3	53.0	307.5	4.9	143.6	9.7	68.9	76.5				69.3	1,230.0	
322+00	325+73	373.0	24.0-29.0	1,165.8	4.0			973.0		94.0				109.0					291.5	4.7	130.6		65.3	114.6						1,165.8
MILL AVENUE																														
100+49	105+00	451.0	24.0	1,238.0	4.0			1,116.0		122.0									309.5	5.0	138.7		69.3	217.5						1,238.0
105+00	110+00	500.0	24.0-29.0	1,488.0	4.0			1,316.0	172.0										372.0	6.0	166.7		83.3	170.4						1,488.0
110+00	115+00	500.0	24.0-29.0	1,444.0	4.0			1,334.0	39.0	71.0									361.0	5.8	161.7		80.9	224.7						1,444.0
115+00	117+77	277.0	24.0	783.0	4.0			688.0		95.0									195.8	3.1	87.7		43.8	133.1						783.0
TOTALS						8,236	397	11,776	468	569	3	13	23	206	673	3,935	12,005	4,647	8,103	91	2,693	2,636	725	1,589	571	13,356	767	180	12,935	

Plotted: February 1, 2010 @ 2:07 PM By: Kris Pung - Tab: 15-SCHEDULES (22,34)

Path: \\S:\PROJ\H0557\DWG\H0557.DWG FINAL ENG\H0557-CVR

COPYRIGHT © 2010 ENGINEERING ENTERPRISES, INC.		DESIGNED - JAM, SWM		REVISED - 12/02/09		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SCHEDULE OF QUANTITIES				F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE NAME	USER NAME = #USER#	DRAWN - KKP	REVISED - 01/22/10	PROJECT NO. HPP-1468(004)				JOB NO. C-91-175-06		N/A	06-00015-00-PV	KANE	97	15		
#FILE#	PLOT SCALE = #SCALE#	CHECKED - JAM	REVISED - 02/03/10	SHEET NO. 12 OF 92 SHEETS				STA. N/A TO STA. N/A		CONTRACT NO. 63406						
	PLOT DATE = #DATE#	DATE - 10/16/09	REVISED -	SCALE: N/A				FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT								

PAVEMENT MARKING SCHEDULE								
THERMOPLASTIC PAVEMENT MARKINGS							WORK ZONE PAVEMENT MARKING REMOVAL	SHORT TERM PAVEMENT MARKING
4"		6"		24"	LETTERS & SYMBOLS	SQ FT		
YELLOW	WHITE	PARKING STALL WHITE	CROSS WALK WHITE	STOP BAR WHITE				
LF	LF	LF	LF	LF	SQ FT	SQ FT	LF	
KEYES AVENUE								
STA. 200+22 TO 204+50	100		35	162	28		52	156
STA. 204+50 TO 209+50	130		28	76	26		61	182
STA. 209+50 TO 214+50	130	1,225				9.2	43	130
STA. 214+50 TO 219+50	130				28		62	186
STA. 219+50 TO 222+82	80						27	80
INDUSTRIAL DRIVE								
STA. 309+00 TO 310+00					27		18	54
MILL AVENUE								
STA. 116+00 TO 118+00					13		9	26
TOTALS	570	1,225	62	238	122	9.2	271	814
	1,795		300					

DEPRESSED CURB AND GUTTER SCHEDULE			
BEGINNING STATION	ENDING STATION	LT./RT.	LENGTH (FT)
KEYES AVENUE			
200+26	200+34	RT.	20
200+26	200+31	LT.	12
200+90	201+32	LT.	42
200+90	201+38	RT.	48
201+47	201+76	RT.	29
201+51	201+83	LT.	32
202+74	202+89	RT.	15
203+02	203+30	RT.	28
204+43	204+72	LT.	34
204+47	204+62	RT.	15
205+30	205+57	LT.	27
205+36	205+64	RT.	28
205+90	206+18	RT.	28
206+15	206+54	LT.	39
206+32	206+46	RT.	14
206+98	207+13	RT.	15
207+58	208+47	LT.	89
207+60	207+65	RT.	5
207+93	208+79	RT.	86
208+99	210+58	RT.	159
212+47	212+79	RT.	32
213+02	213+29	LT.	27
213+43	213+82	LT.	39
214+81	215+36	RT.	55
215+84	216+14	RT.	30
216+51	216+90	LT.	31
218+54	218+86	RT.	31

SIGN SCHEDULE											
LOCATION	R1-1-30		W1-1		W13-1		D9-14 (24"x36")		D3-1		ORNAMENTAL SIGN POST, EACH
	NUMBER REQUIRED	AREA, SF	NUMBER REQUIRED	AREA, SF	NUMBER REQUIRED	AREA, SF	NUMBER REQUIRED	AREA, SF	NUMBER REQUIRED	AREA, SF	
MILL AVENUE											
105+00									2	3.76	1
114+09									2	3.76	1
115+28									2	3.76	1
117+69	1	5.00									1
117+72									2	3.76	1
KEYES AVENUE											
200+36									2	3.76	1
200+37	1	5.00									1
206+89									2	3.76	1
206+94	1	5.00									1
218+67	1	5.00					1	6.00			1
219+30									2	3.76	1
INDUSTRIAL DRIVE											
303+75			1	8.00	1	5.00					1
307+65			1	8.00	1	5.00					1
309+16									2	3.76	1
309+22	1	5.00									1
TOTAL	5	25.00	2	16.00	2	10.00	1	6.00	16	30.08	15

Plot Date: February 1, 2010 @ 2:07 PM By: Kris Pump - Tab: 16 - SCHEDULES (22x34)
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Path: \\S:\KFD\H40587\DWG\H40587.DWG FINAL ENG\H40587-CVR

FILE NAME	USER NAME = #USER#	DESIGNED - JAM, SWM	REVISED - 12/02/09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - KKP	REVISED - 01/22/10		PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06		N/A	06-00015-00-PV	KANE	97	16
PLOT SCALE = #SCALE#		CHECKED - JAM	REVISED - 02/03/10		SCALE: N/A	SHEET NO. 13 OF 92 SHEETS	STA. N/A TO STA. N/A	CONTRACT NO. 63406				
PLOT DATE = #DATE#		DATE - 10/16/09	REVISED -		FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT							

RESTORATION SCHEDULE												
STATION	STATION	LT./RT.	SEEDING CLASS 1	SEEDING CLASS 1A	SEEDING CLASS 4A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET	HEAVY DUTY EROSION CONTROL BLANKET	PERIMETER EROSION BARRIER	TOPSOIL, FURNISH & PLACE, 4"
			AC	AC	AC	LBS	LBS	LBS	SQ YD	SQ YD	LF	SY
KEYES AVENUE												
200+26	204+50	LT.		0.10		9.1	9.1	9.1	488.1		17	488.1
200+26	204+50	RT.		0.10		8.9	8.9	8.9	476.7			476.7
204+50	209+50	LT.		0.06		5.3	5.3	5.3	286.3		340	286.3
204+50	209+50	RT.		0.11		9.8	9.8	9.8	527.7			527.7
209+50	214+50	LT.		0.06		5.6	5.6	5.6	301.4		495	301.4
209+50	214+50	RT.		0.16		14.1	14.1	14.1	759.7			759.7
214+50	219+50	LT.		0.07		5.9	5.9	5.9	316.6		436	316.6
214+50	219+50	RT.		0.18		16.0	16.0	16.0	859.9			859.9
219+50	222+82	LT.		0.01		0.6	0.6	0.6	31.1			31.1
219+50	222+82	RT.		0.06		5.5	5.5	5.5	295.6			295.6
INDUSTRIAL DRIVE												
300+00	303+00	LT.		0.04		3.6	3.6	3.6	195.6		415	195.6
300+00	303+00	RT.		0.06		5.6	5.6	5.6	302.2			302.2
315+00	319+00	RT.		0.11		9.9	9.9	9.9	529.8			529.8
KEYES AVENUE NORTH LOT												
			1.11			99.5	99.5	99.5	5,348.2		970.0	5,348.2
					0.34					1,667.4		1,667.4
TOTALS			1.1	1.1	0.3	199.3	199.3	199.3	10,718.9	1,667.4	2,673.0	12,386.3

EARTH WORK SCHEDULE					
LOCATION	EARTH EXCAVATION (CY)	UNSUITABLE OR UNSTABLE MATERIAL (CY)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CY)	EMBANKMENT (CY)	EARTH WORK BALANCE WASTE (+) OR SHORTAGE (-)
KEYES AVENUE					
STATION 200+00 TO STATION 219+50	5,378	1,404	4,571	726	3,845
STATION 219+50 TO STATION 222+82	50	0	43	0	43
INDUSTRIAL DRIVE					
STATION 300+50 TO STATION 302+00	276	0	235	0	235
STATION 302+00 TO STATION 325+73	352	0	299	0	299
MILL AVENUE					
STATION 100+49 TO STATION 117+77	256	0	218	0	218
KEYES AVENUE NORTH LOT					
	1,204	0	1,023	303	720
TOTALS	7,516	1,404	6,389	1,029	5,360

NOTE: TOPSOIL STRIPPING AND PLACEMENT IS INCLUDED IN THE COST OF EARTHWORK
SHRINKAGE FACTOR = 0.15

POROUS GRANULAR EMBANKMENT, SUBGRADE SCHEDULE					
LOCATION	LENGTH OF UNDERCUT, FT	AVG. WIDTH OF UNDERCUT, FT	DEPTH OF UNDERCUT, FT	POROUS GRANULAR EMBANKMENT, SUBGRADE, CY	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION, SY
STATION 200+26 TO STATION 202+50	250	35	0.5	162	972
STATION 205+00 TO STATION 208+50	350	35	0.5	227	1,361
STATION 211+50 TO STATION 215+00	350	29	0.5	188	1,128
CONTINGENCY - TO BE DETERMINED AS NEEDED DURING CONSTRUCTION				827	300
TOTALS				1,404	3,761

*CONTRACTOR TO CONDUCT PROOF ROLL PRIOR TO INSTALLING POROUS GRANULAR EMBANKMENT, SUBGRADE TO VERIFY LIMITS OF UNDERCUTS. THE VALUES SHOWN MAY NOT BE USED IF THE ENGINEER DEEMS THE SUBGRADE SUITABLE.

Plotted: February 1, 2010 @ 2:07 PM By: Kris Pung - Job: 17-SCHEDULES (2x34)

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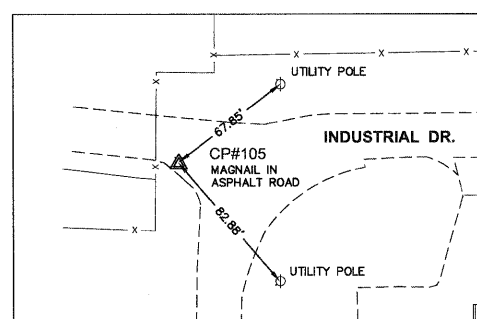
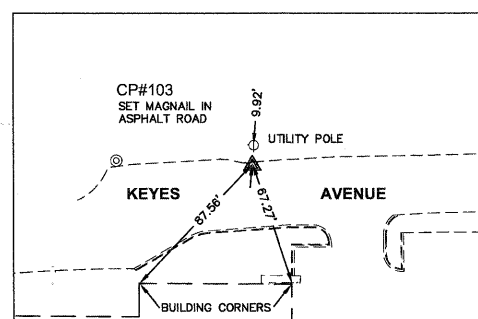
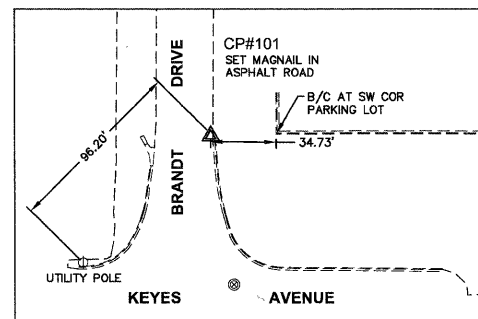
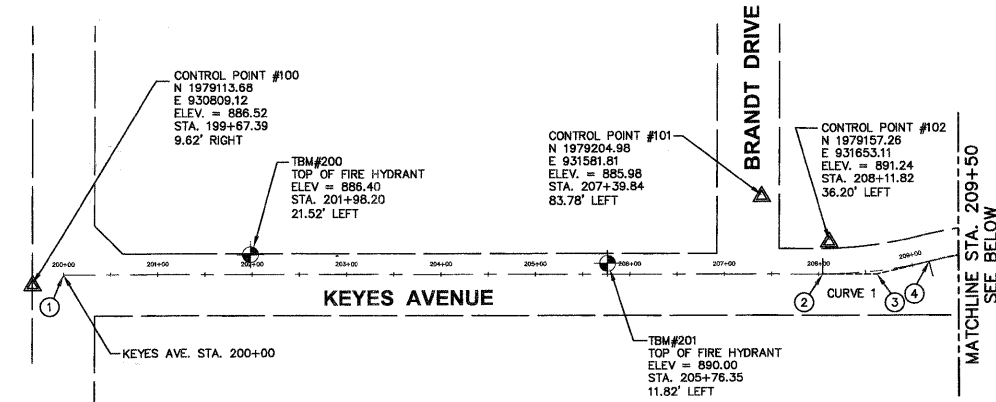
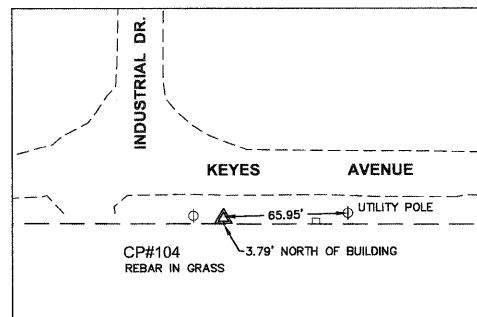
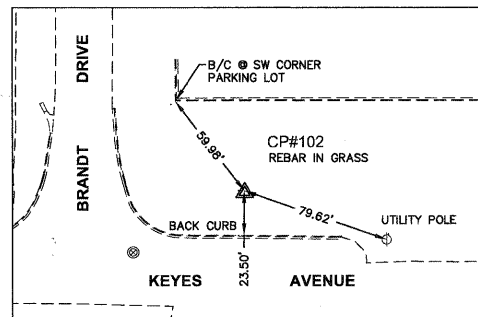
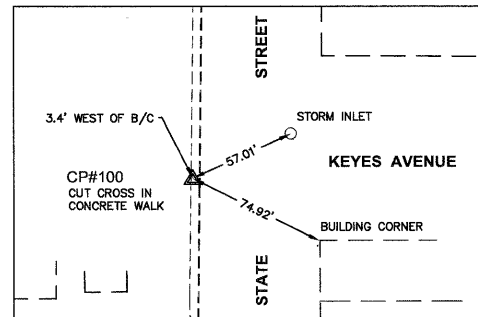
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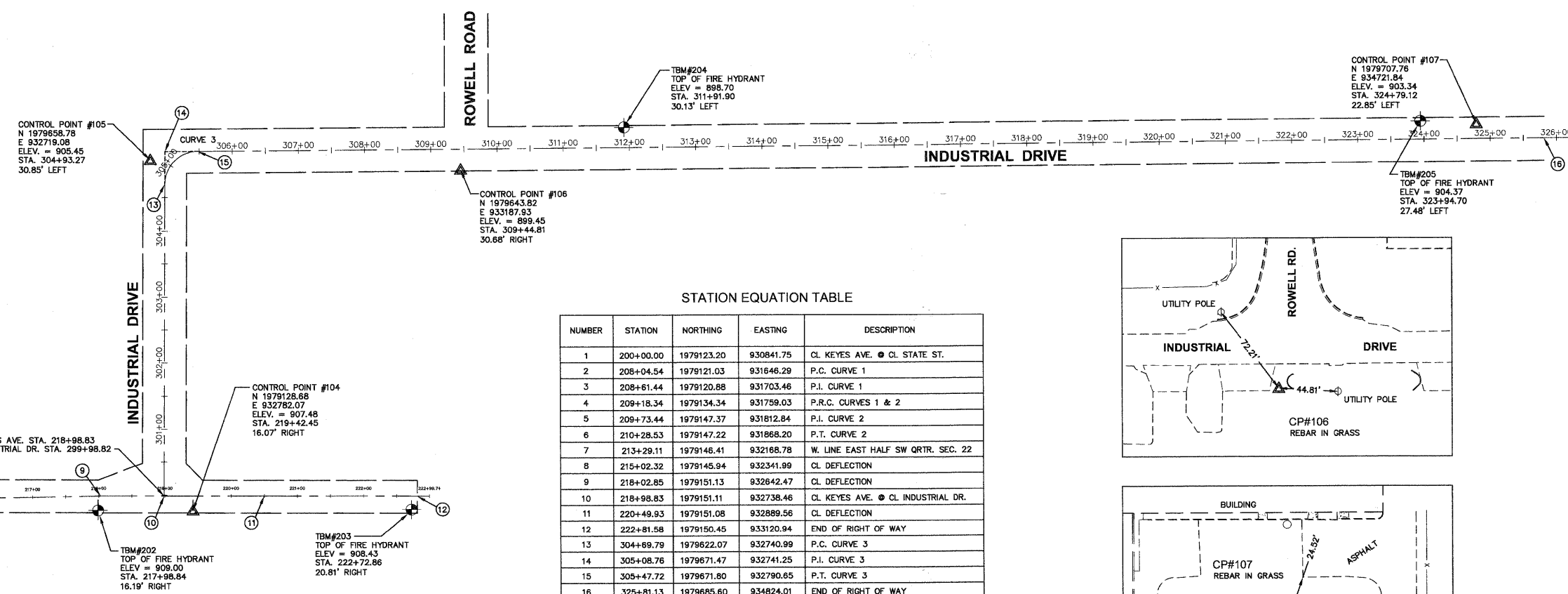
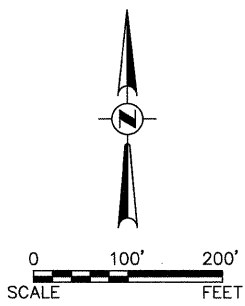
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

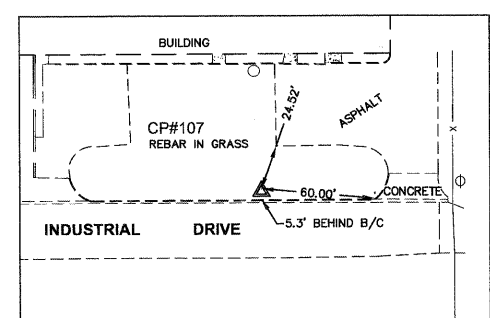
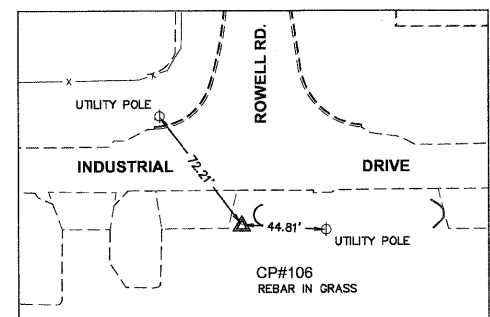
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			CONTRACT NO. 63406			
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT						



CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD BEARING	CHORD LENGTH	M	PC	PT	PI	E
CURVE 1	113.80'	473.50'	13°46'13"	57.18'	N83°16'11"W	113.53'	3.41'	208+04.54	209+18.34	208+61.44	3.44'R
CURVE 2	110.20'	458.50'	13°46'13"	55.36'	S83°16'11"W	109.93'	3.31'	209+18.34	210+28.53	209+73.44	3.33'L
CURVE 3	77.93'	50.00'	89°18'12"	49.40'	S44°57'35"W	70.28'	14.43'	304+69.79	305+47.72	305+08.76	20.28'L



NUMBER	STATION	NORTHING	EASTING	DESCRIPTION
1	200+00.00	1979123.20	930841.75	CL KEYES AVE. @ CL STATE ST.
2	208+04.54	1979121.03	931646.29	P.C. CURVE 1
3	208+61.44	1979120.88	931703.46	P.I. CURVE 1
4	209+18.34	1979134.34	931759.03	P.R.C. CURVES 1 & 2
5	208+73.44	1979147.37	931812.84	P.I. CURVE 2
6	210+28.53	1979147.22	931868.20	P.T. CURVE 2
7	213+29.11	1979146.41	932168.78	W. LINE EAST HALF SW QTR. SEC. 22
8	215+02.32	1979145.94	932341.99	CL DEFLECTION
9	218+02.85	1979151.13	932642.47	CL DEFLECTION
10	218+98.83	1979151.11	932738.46	CL KEYES AVE. @ CL INDUSTRIAL DR.
11	220+49.93	1979151.08	932889.56	CL DEFLECTION
12	222+81.58	1979150.45	933120.94	END OF RIGHT OF WAY
13	304+69.79	1979622.07	932740.99	P.C. CURVE 3
14	305+08.76	1979671.47	932741.25	P.I. CURVE 3
15	305+47.72	1979671.80	932790.65	P.T. CURVE 3
16	325+81.13	1979685.60	934824.01	END OF RIGHT OF WAY



NOTES:
 CONTROL SYSTEM IS BASED ON ILLINOIS STATE PLANE EAST ZONE 1201, NAD83, 1997 HARN ADJUSTMENT, SCALED TO GROUND.
 ELEVATIONS ARE BASED ON NGVD29 DATUM.

Matchline STA. 209+50 SEE ABOVE
 Matchline STA. 209+50 SEE BELOW

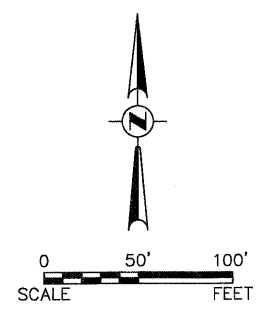
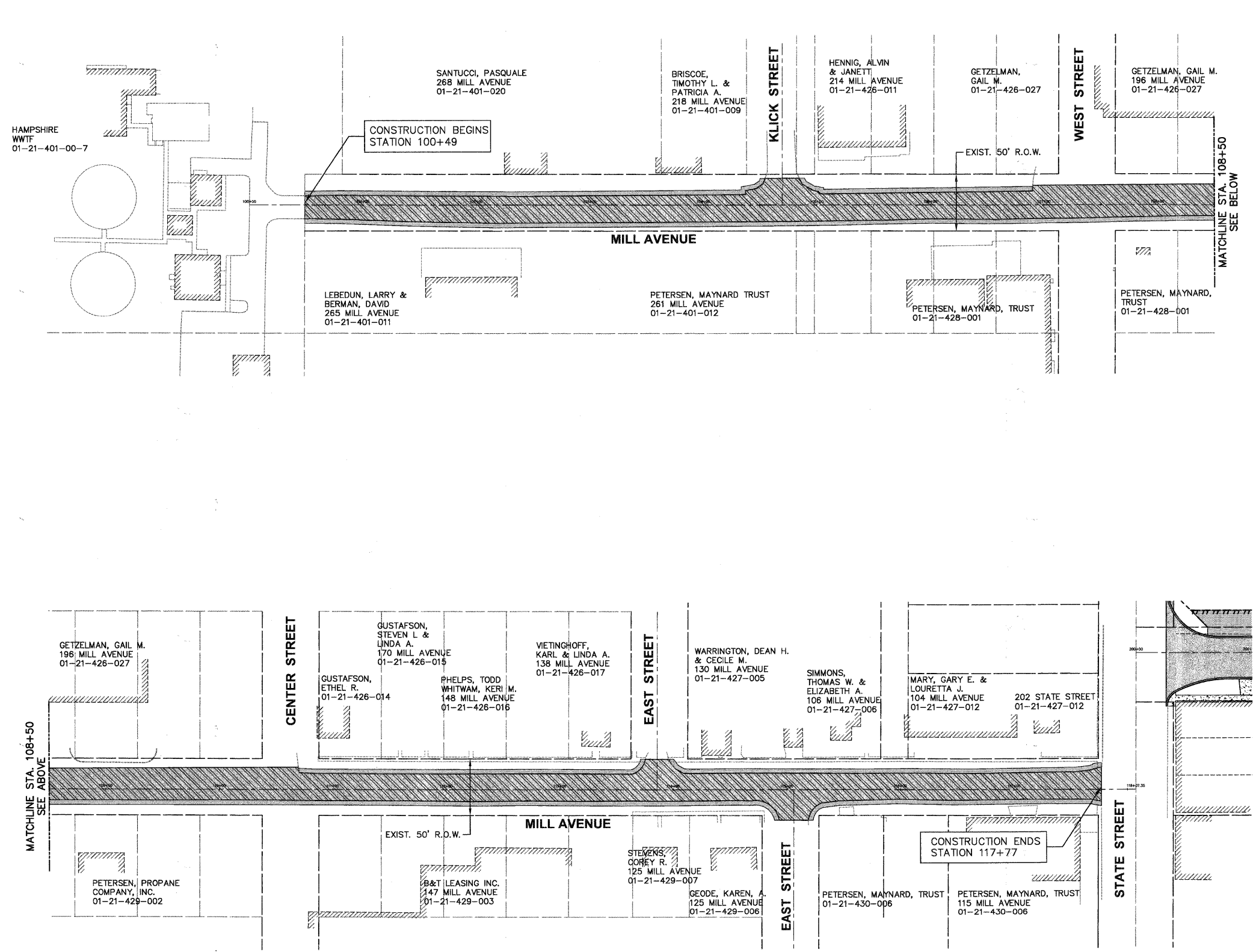
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DATE - 10/16/09	REVISOR -	REVISED - 02/03/10

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS	
PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SHEET NO. 15 OF 92 SHEETS	STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	18
CONTRACT NO. 63406				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				

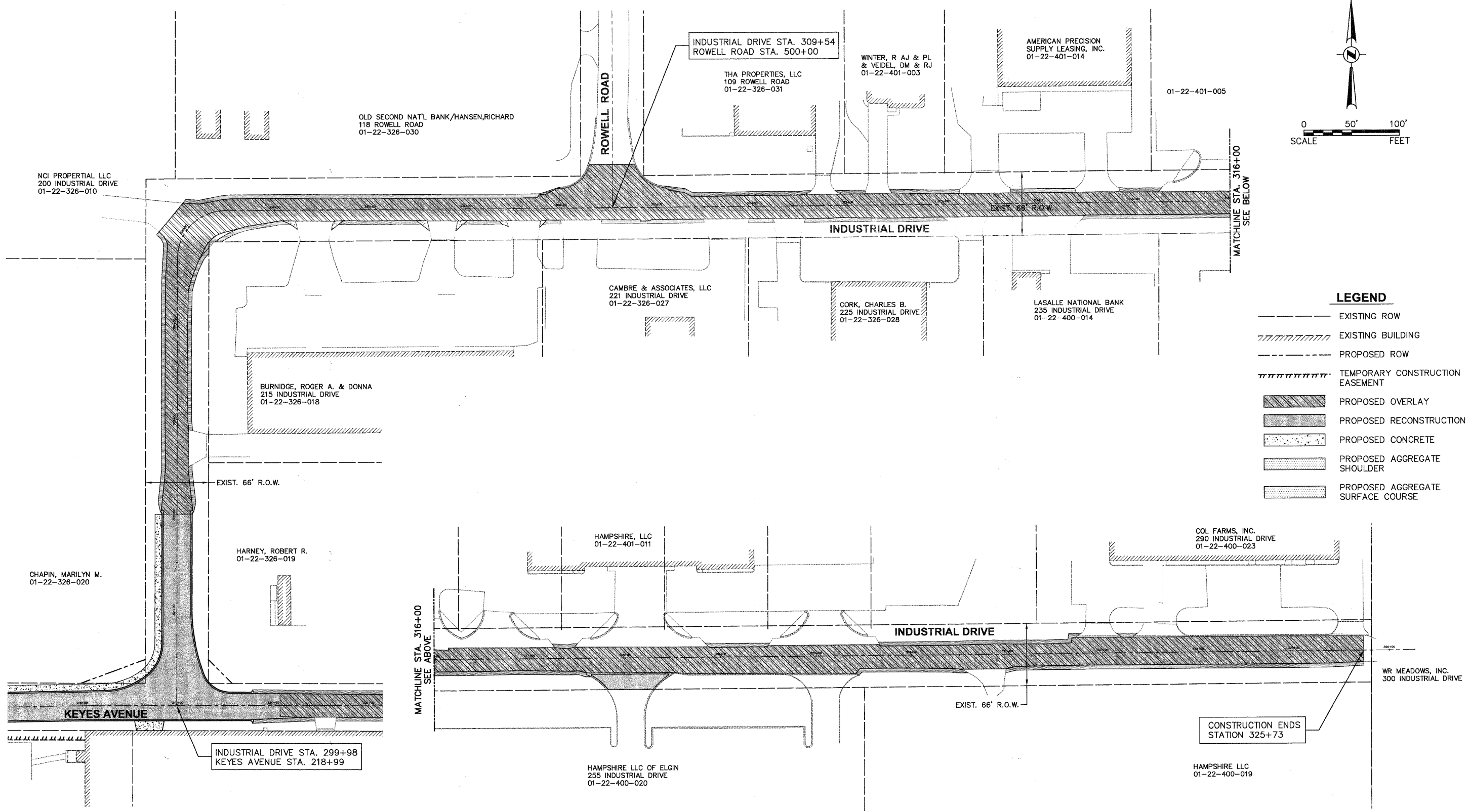
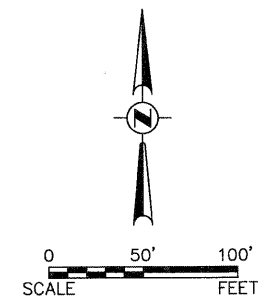


- LEGEND**
- EXISTING ROW
 - EXISTING BUILDING
 - PROPOSED ROW
 - TEMPORARY CONSTRUCTION EASEMENT
 - PROPOSED OVERLAY
 - PROPOSED RECONSTRUCTION
 - PROPOSED CONCRETE
 - PROPOSED AGGREGATE SHOULDER
 - PROPOSED AGGREGATE SURFACE COURSE

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		MILL AVENUE GENERAL PLAN		F.A. - RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
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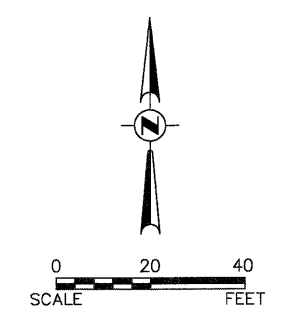
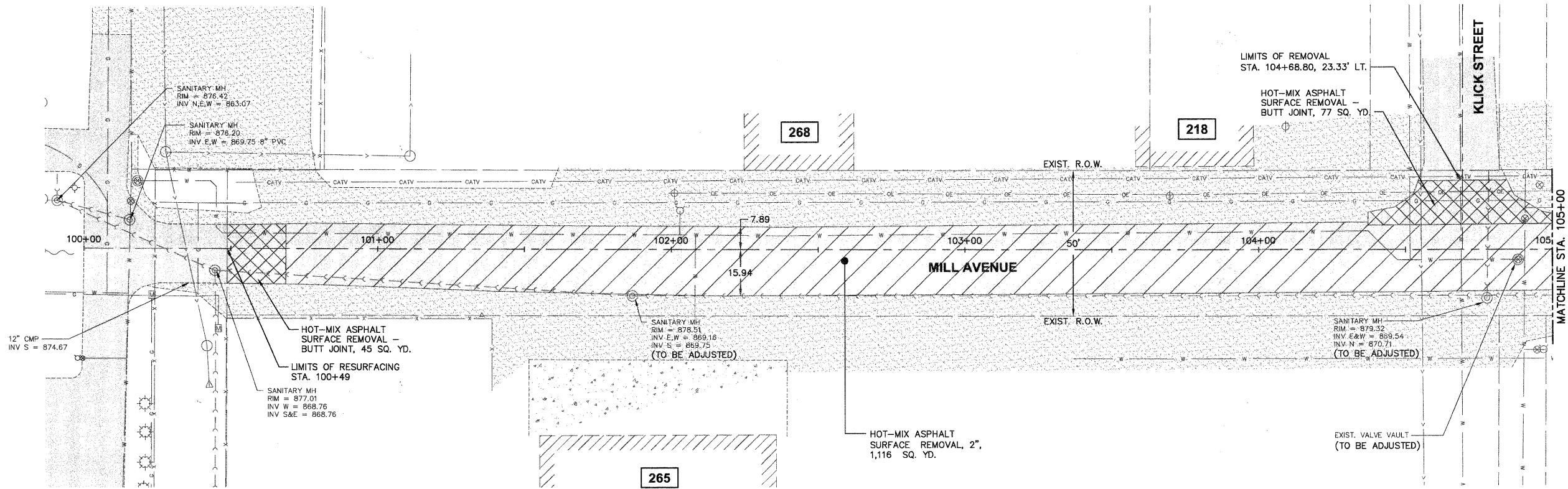
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- LEGEND**
- EXISTING ROW
 - EXISTING BUILDING
 - PROPOSED ROW
 - TEMPORARY CONSTRUCTION EASEMENT
 - PROPOSED OVERLAY
 - PROPOSED RECONSTRUCTION
 - PROPOSED CONCRETE
 - PROPOSED AGGREGATE SHOULDER
 - PROPOSED AGGREGATE SURFACE COURSE

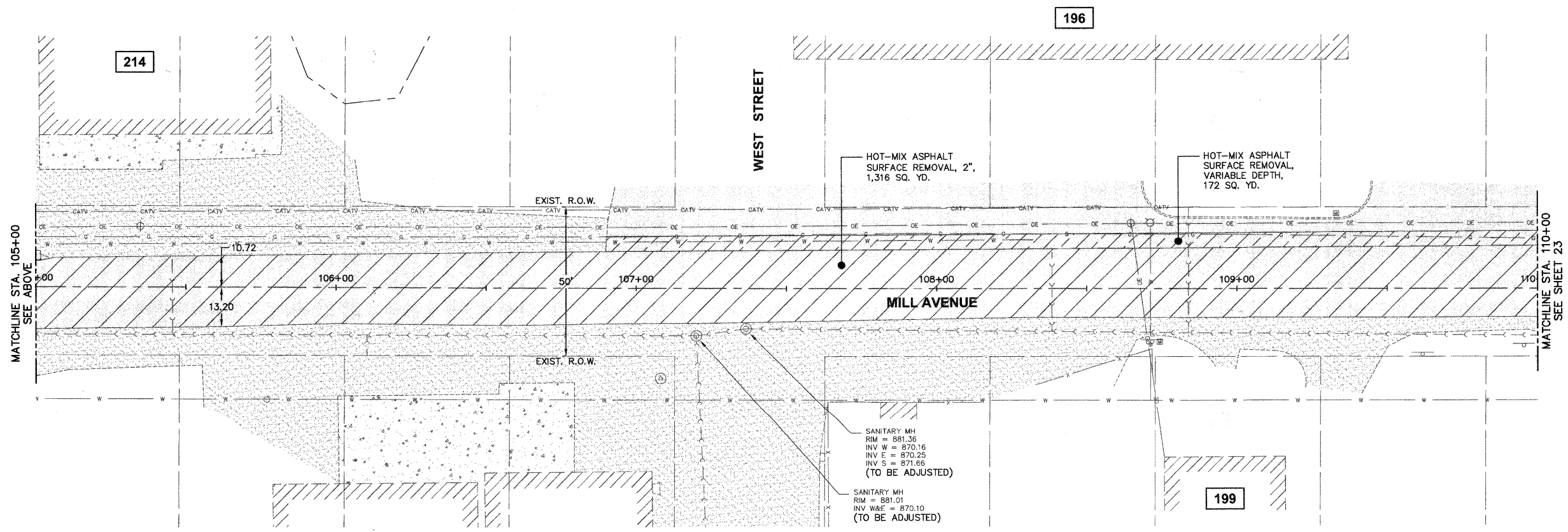
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FILE NAME *FILEL*		USER NAME = *USER*		DESIGNED - JAM, SWM		REVISED - 12/02/09		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				INDUSTRIAL DRIVE GENERAL PLAN				F.A. - RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
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CHECKED - JAM		DATE - 10/16/09		REVISIONS		REVISED - 02/03/10		SCALE: 1"=50'		SHEET NO. 18 OF 92 SHEETS		STA. N/A TO STA. N/A		FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT		CONTRACT NO. 01404									



NOTE:
1. SAWCUTS ARE INCLUDED IN THE COST OF RELATED REMOVAL PAY ITEMS.

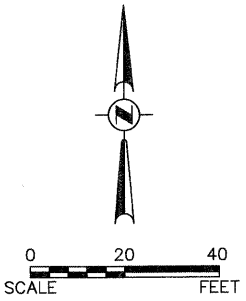
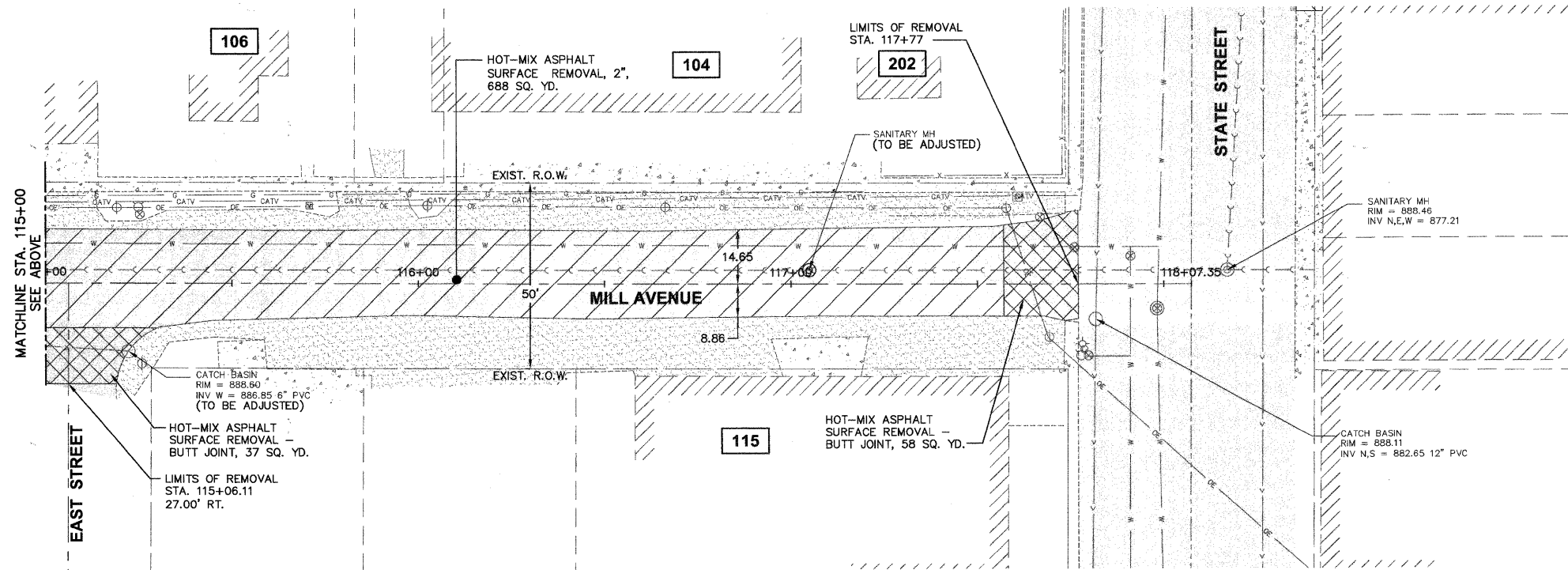
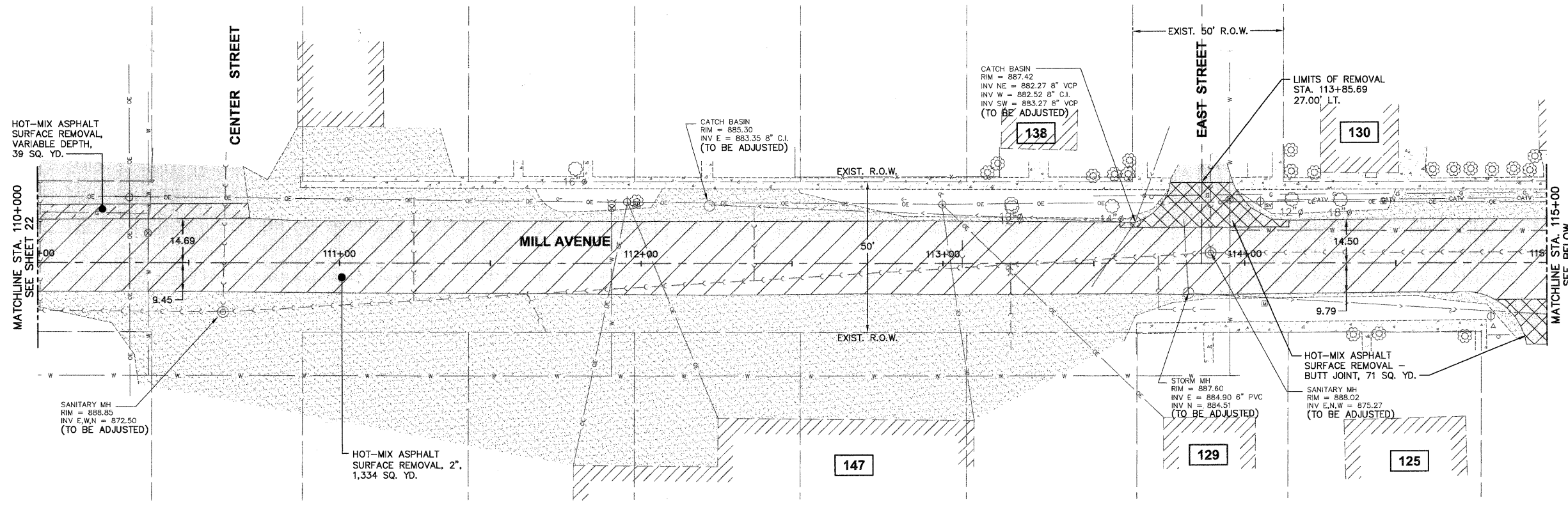
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 - EXISTING PAVEMENT
 - PAVEMENT REMOVAL
 - CLASS "D" PATCH
 - HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
 - DRIVEWAY PAVEMENT REMOVAL
 - SIDEWALK REMOVAL
 - EARTH EXCAVATION
 - HOT-MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH
 - EXISTING AGGREGATE
 - EXISTING CONCRETE
 - EXISTING BUILDING
 - ADDRESS



Plotted: February 1, 2010 3:01 PM By: Kris Pung - Tab: 22-MILL RMY (22x34)
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FILE NAME #FILE#	USER NAME = #USER#	DESIGNED - JAM, SWM	REVISED - 12/02/09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MILL AVENUE EXISTING CONDITIONS AND REMOVAL PLAN		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	CHECKED - JAM	REVISED - 02/03/10		SCALE: 1"=20'	PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06	N/A	06-00015-00-PV	KANE	97
PLOT DATE = #DATE#	DATE - 10/16/09	DATE - 10/16/09	REVISED -	SHEET NO. 19 OF 92 SHEETS	STA. N/A	TO STA. N/A	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
							CONTRACT NO. 63406				

Path: \\S:\P\G\A\1468\1468\DWG\FINAL\ENR\146867-RMVP1



NOTE:
1. SAWCUTS ARE INCLUDED IN THE COST OF RELATED REMOVAL PAY ITEMS.

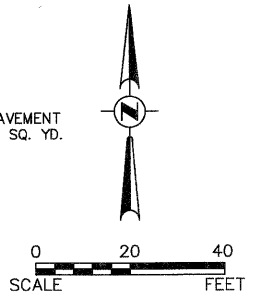
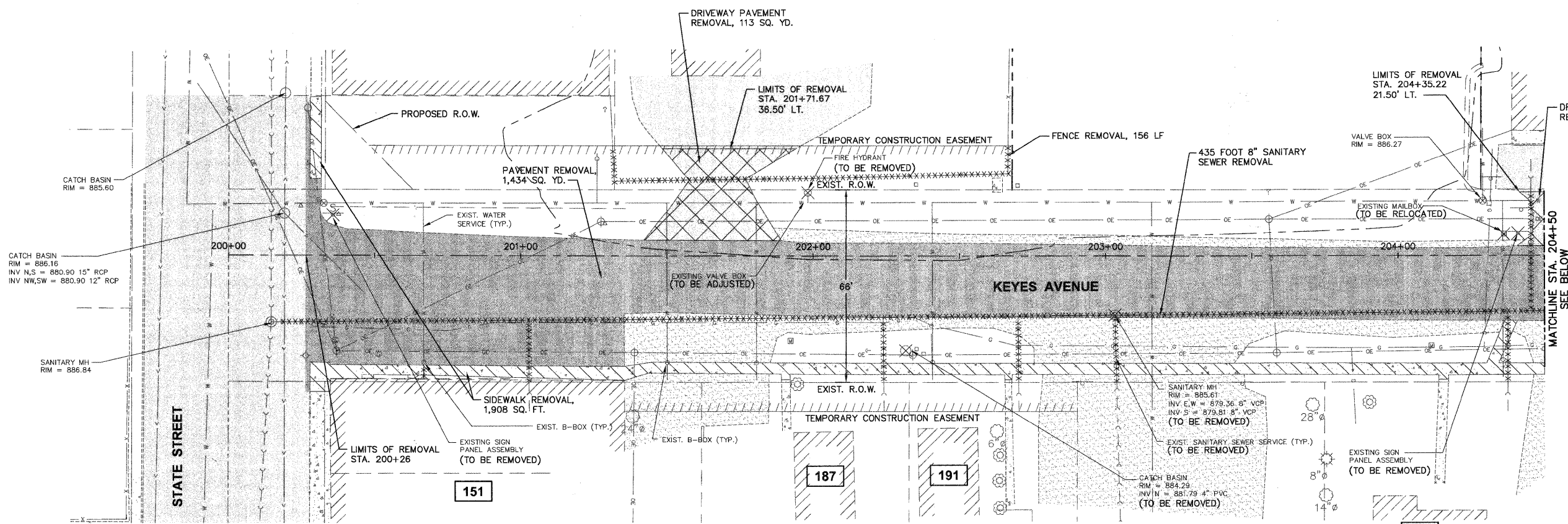
LEGEND

	HOT-MIX ASPHALT SURFACE REMOVAL
	EXISTING PAVEMENT
	PAVEMENT REMOVAL
	CLASS "D" PATCH
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	DRIVEWAY PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	EARTH EXCAVATION
	HOT-MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH
	EXISTING AGGREGATE
	EXISTING CONCRETE
	EXISTING BUILDING
	ADDRESS

PRINTED: February 1, 2010 @ 3:01 PM By: Kris Pung - Tab: 23-MILL R/W (22-34)
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FILE NAME #FILE#		USER NAME = #USER#	DESIGNED - JAM, SWM	REVISED - 12/02/09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		MILL AVENUE EXISTING CONDITIONS AND REMOVAL PLAN		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = #SCALE#		DRAWN - KKP	CHECKED - JAM	REVISED - 01/22/10			PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06	N/A	06-00015-00-PV	KANE	97	23
PLOT DATE = #DATE#		DATE - 10/16/09	REVISED - 02/03/10	REVISED -	SCALE: 1"=20'	SHEET NO. 20 OF 92 SHEETS	STA. N/A	TO STA. N/A	CONTRACT NO. 63406				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT													

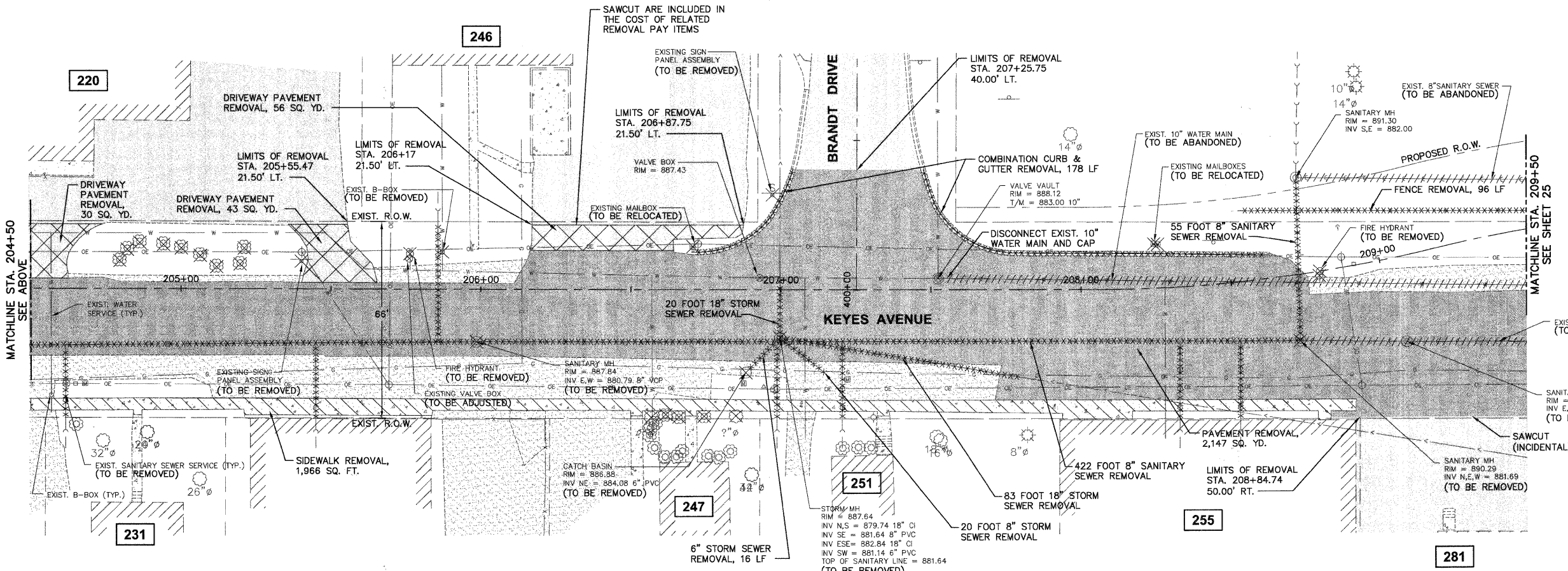
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NOTE:
1. SAWCUTS ARE INCLUDED IN THE COST OF RELATED REMOVAL PAY ITEMS.

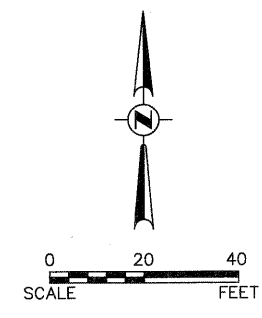
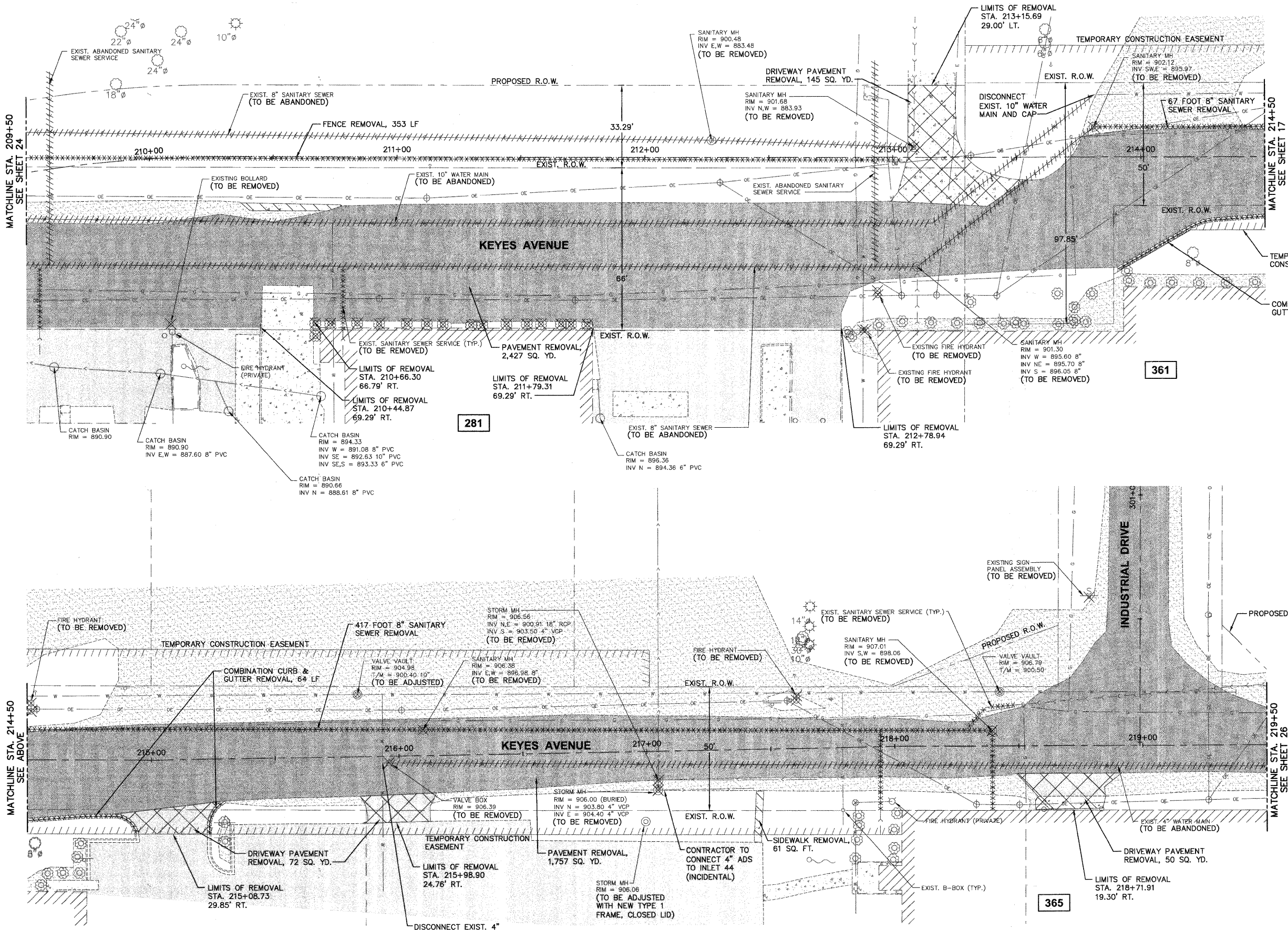
LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL
- EXISTING PAVEMENT
- PAVEMENT REMOVAL
- CLASS "D" PATCH
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- EARTH EXCAVATION
- HOT-MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH
- EXISTING AGGREGATE
- EXISTING CONCRETE
- EXISTING BUILDING
- ADDRESS



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FILE NAME: #FILE# USER NAME: #USER# PLOT SCALE: #SCALE# PLOT DATE: #DATE#				DESIGNED - JAM, SWM DRAWN - KKP CHECKED - JAM DATE - 10/16/09				REVISED - 12/02/09 REVISED - 01/22/10 REVISED - 02/03/10 REVISED -				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				KEYES AVENUE EXISTING CONDITIONS AND REMOVAL PLAN				F.A. RTE.: N/A SECTION: 06-00015-00-PV COUNTY: KANE TOTAL SHEETS: 97 SHEET NO.: 24	
SCALE: 1"=20' PROJECT NO. HPP-1468(004) SHEET NO. 21 OF 92 SHEETS				JOB NO. C-91-175-06 STA. N/A TO STA. N/A				CONTRACT NO. 63406 FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT													



NOTE:
1. SAWCUTS ARE INCLUDED IN THE COST OF RELATED REMOVAL PAY ITEMS.

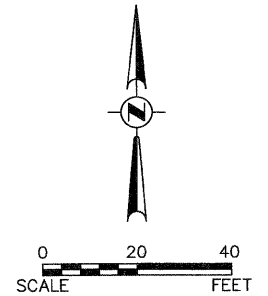
LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL
- EXISTING PAVEMENT
- PAVEMENT REMOVAL
- CLASS "D" PATCH
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- EARTH EXCAVATION
- HOT-MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH
- EXISTING AGGREGATE
- EXISTING CONCRETE
- EXISTING BUILDING
- ADDRESS

Picked February 1, 2010 @ 3:02 PM By: Kris Pung - Tab: 25-KEYES.RMV (22-24)

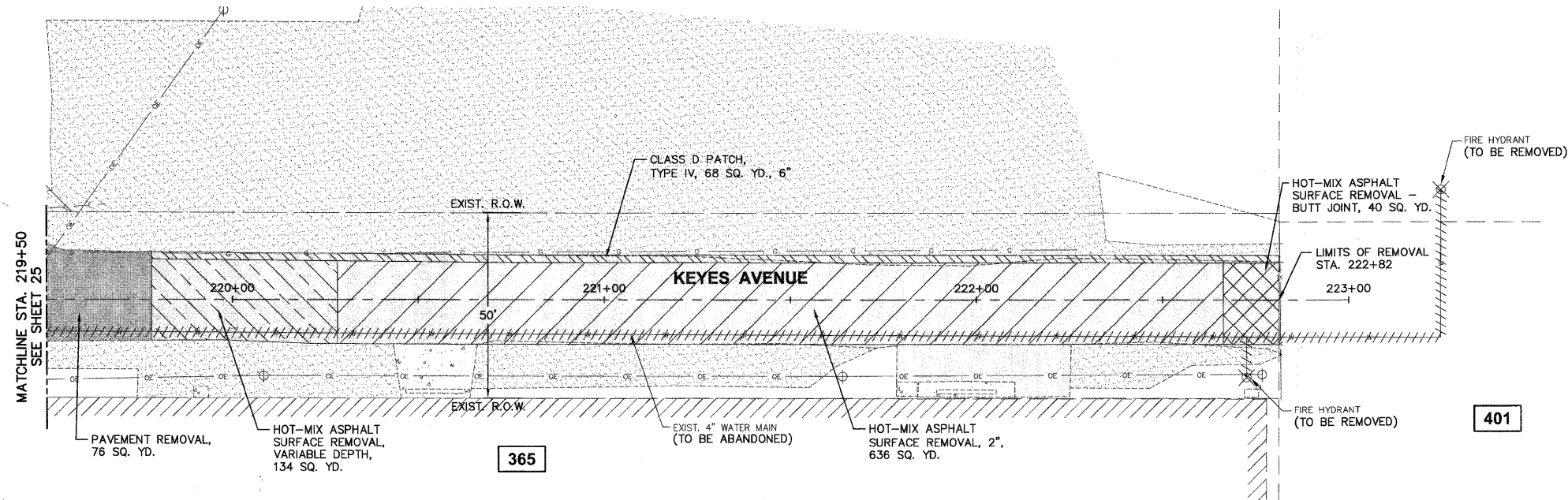
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COPYRIGHT © 2010 ENGINEERING ENTERPRISES, INC. FILE NAME #FILE#				DESIGNED - JAM, SWM DRAWN - KKP CHECKED - JAM DATE - 10/16/09				REVISED - 12/02/09 REVISED - 01/22/10 REVISED - 02/03/10 REVISED -				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				KEYES AVENUE EXISTING CONDITIONS AND REMOVAL PLAN				F.A. - R.T.E. - N/A		SECTION 06-00015-00-PV		COUNTY KANE		TOTAL SHEETS 97		SHEET NO. 25	
PLOT SCALE = #SCALE# PLOT DATE = #DATE#				LIMITS OF REMOVAL STA. 215+08.73 29.85' RT.				LIMITS OF REMOVAL STA. 216+98.90 24.76' RT.				LIMITS OF REMOVAL STA. 217+99.31 69.29' RT.				LIMITS OF REMOVAL STA. 218+71.91 19.30' RT.				CONTRACT NO. 63406		ILLINOIS FED. AID PROJECT							
SCALE: 1"=20'				PROJECT NO. HPP-1468(004)				JOB NO. C-91-175-06				STA. N/A TO STA. N/A				SHEET NO. 22 OF 92 SHEETS		FED. ROAD DIST. NO.		TO STA. N/A									



NOTE:

1. SAWCUTS ARE INCLUDED IN THE COST OF RELATED REMOVAL PAY ITEMS.



LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL
- EXISTING PAVEMENT
- PAVEMENT REMOVAL
- CLASS "D" PATCH
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- EARTH EXCAVATION
- HOT-MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH
- EXISTING AGGREGATE
- EXISTING CONCRETE
- EXISTING BUILDING
- ADDRESS

Plotted: February 1, 2010 @ 3:03 PM By: Kris Pang - Job: 25-KEYES, RMV (22-34)
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PLOT DATE = #DATE#		DATE - 10/16/09	REVISED -

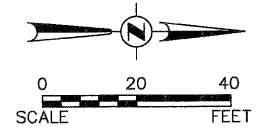
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

KEYES AVENUE EXISTING CONDITIONS AND REMOVAL PLAN

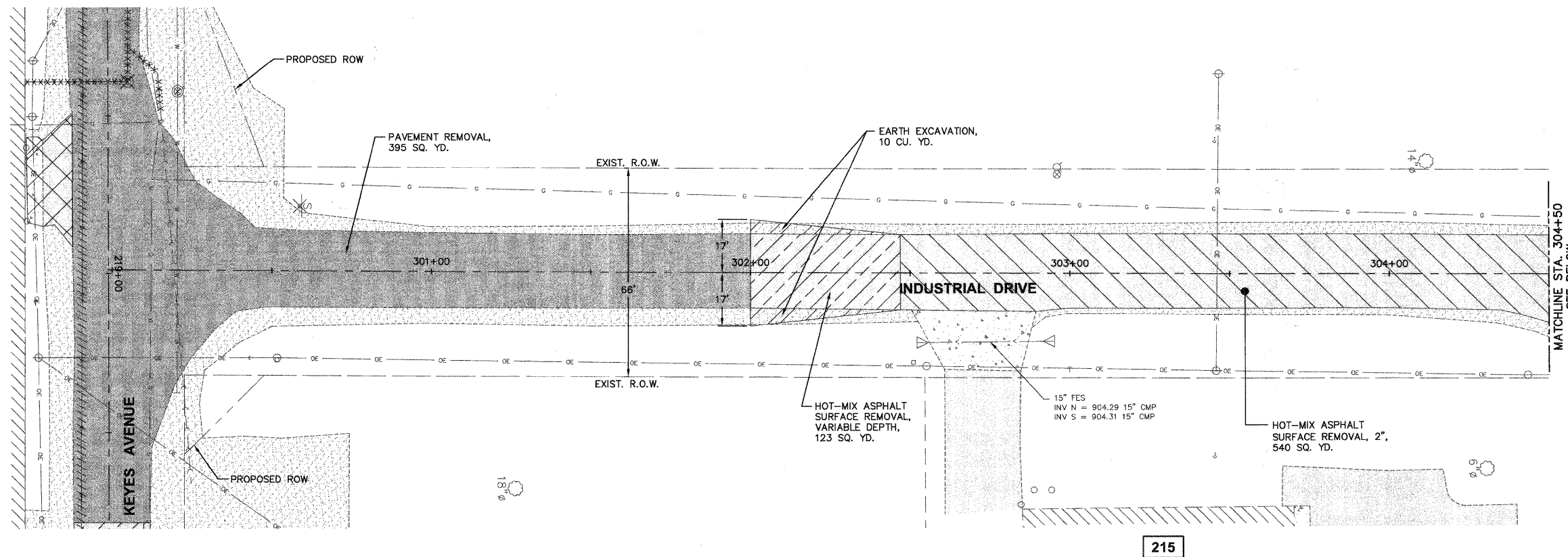
SCALE: 1"=20'	PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
	SHEET NO. 23 OF 92 SHEETS	STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	26
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63406	

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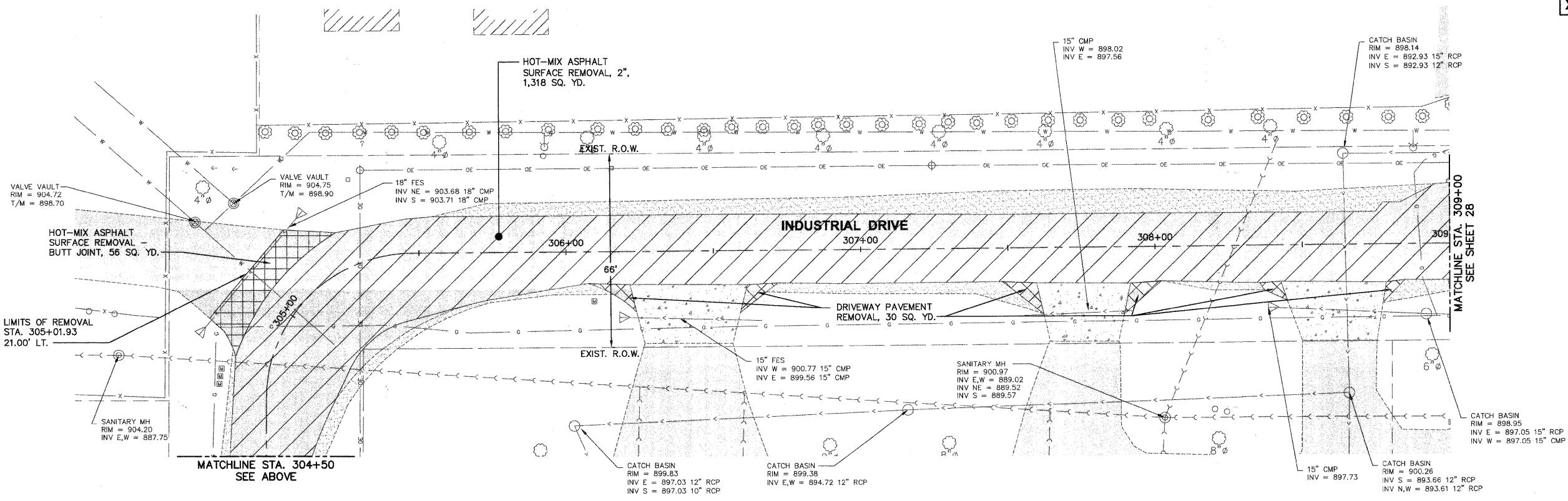
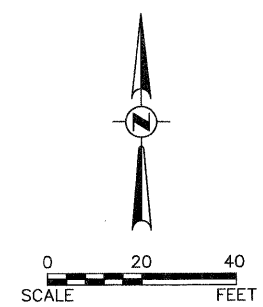
NOTE:
1. SAWCUTS ARE INCLUDED IN THE COST OF RELATED REMOVAL PAY ITEMS.



LEGEND

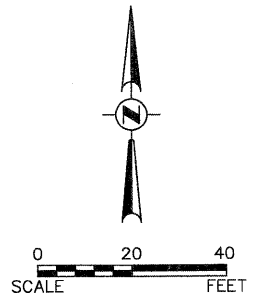
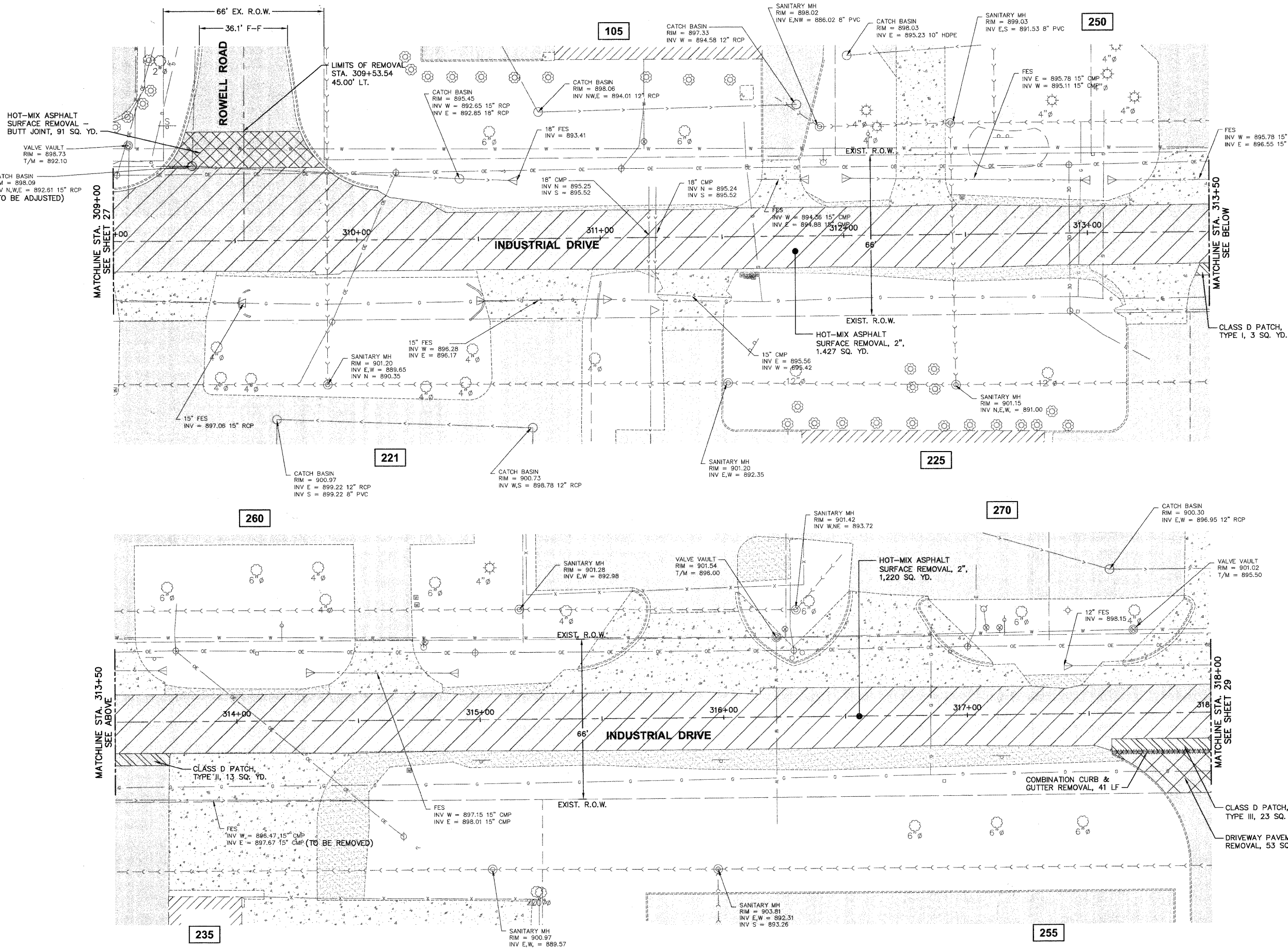
- HOT-MIX ASPHALT SURFACE REMOVAL
- EXISTING PAVEMENT
- PAVEMENT REMOVAL
- CLASS "D" PATCH
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- EARTH EXCAVATION
- HOT-MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH
- EXISTING AGGREGATE
- EXISTING CONCRETE
- EXISTING BUILDING
- ADDRESS

215



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FILE NAME	USER NAME = #USER#	DESIGNED - JAM, SWM	REVISED - 12/02/09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		INDUSTRIAL DRIVE EXISTING CONDITIONS AND REMOVAL PLAN		F.A. - RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE#		DRAWN - KKP	REVISED - 01/22/10					N/A	06-00015-00-PV	KANE	97	27
PLOT SCALE = #SCALE#		CHECKED - JAM	REVISED - 02/03/10	SCALE: 1"=20'		PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06	CONTRACT NO. 63406				
PLOT DATE = #DATE#		DATE - 10/16/09	REVISED -			SHEET NO. 24 OF 92 SHEETS	STA. N/A TO STA. N/A	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



NOTE:
1. SAWCUTS ARE INCLUDED IN THE COST OF RELATED REMOVAL PAY ITEMS.

- LEGEND**
- HOT-MIX ASPHALT SURFACE REMOVAL
 - EXISTING PAVEMENT
 - PAVEMENT REMOVAL
 - CLASS "D" PATCH
 - HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
 - DRIVEWAY PAVEMENT REMOVAL
 - SIDEWALK REMOVAL
 - EARTH EXCAVATION
 - HOT-MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH
 - EXISTING AGGREGATE
 - EXISTING CONCRETE
 - EXISTING BUILDING
 - ADDRESS

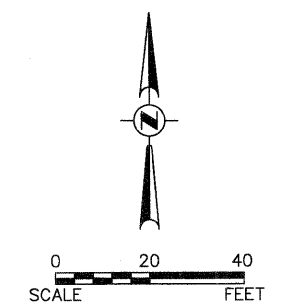
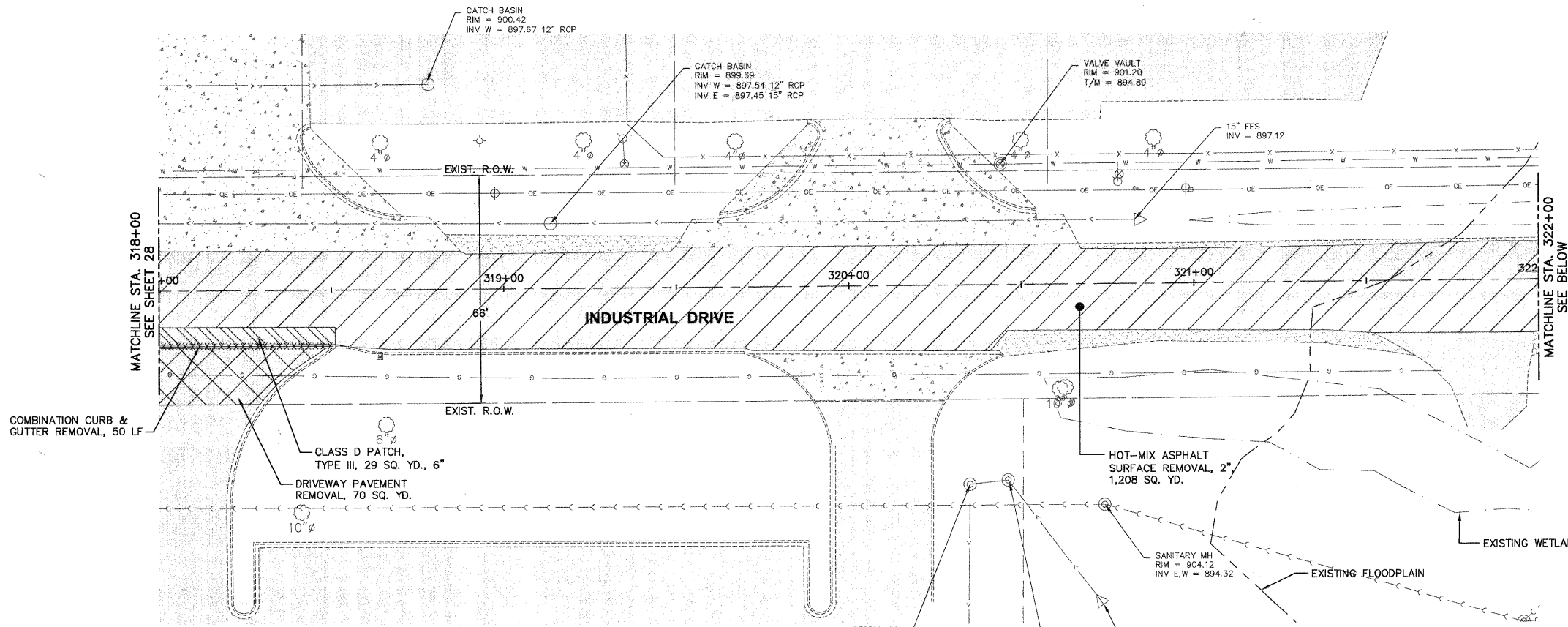
Plotted: February 1, 2010 @ 3:04 PM By: Kris Puntig - Tab: 28-INDS RWY (22-34)
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FILE NAME	USER NAME = #USER#	DESIGNED - JAM, SWM	REVISED - 12/02/09
FILE#		DRAWN - KKP	REVISED - 01/22/10
PLOT SCALE = #SCALE#		CHECKED - JAM	REVISED - 02/03/10
PLOT DATE = #DATE#		DATE - 10/16/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

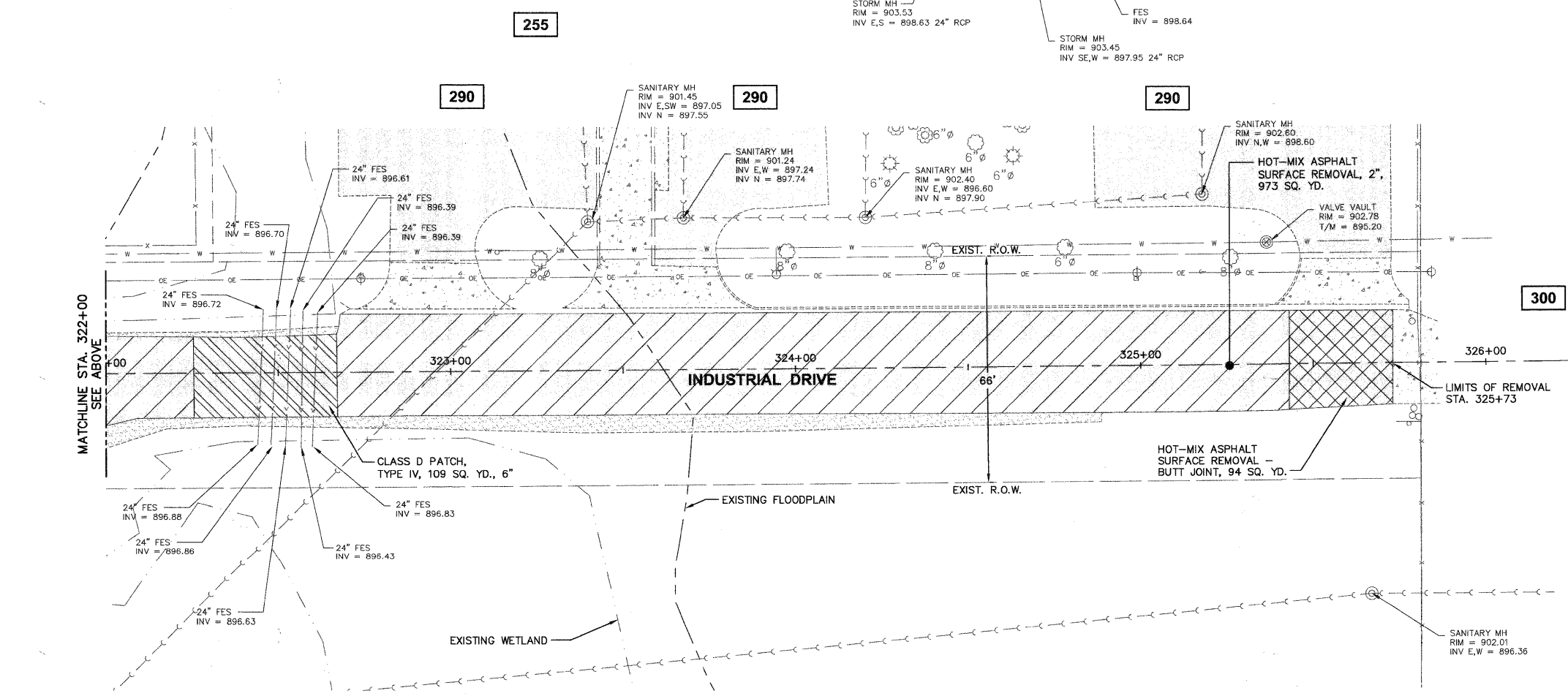
INDUSTRIAL DRIVE EXISTING CONDITIONS AND REMOVAL PLAN	
PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SCALE: 1"=20'	SHEET NO. 25 OF 92 SHEETS
STA. N/A	TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	28
CONTRACT NO. 63406			FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT	



NOTE:
1. SAWCUTS ARE INCLUDED IN THE COST OF RELATED REMOVAL PAY ITEMS.

- LEGEND**
- HOT-MIX ASPHALT SURFACE REMOVAL
 - EXISTING PAVEMENT
 - PAVEMENT REMOVAL
 - CLASS "D" PATCH
 - HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
 - DRIVEWAY PAVEMENT REMOVAL
 - SIDEWALK REMOVAL
 - EARTH EXCAVATION
 - HOT-MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH
 - EXISTING AGGREGATE
 - EXISTING CONCRETE
 - EXISTING BUILDING
 - ADDRESS



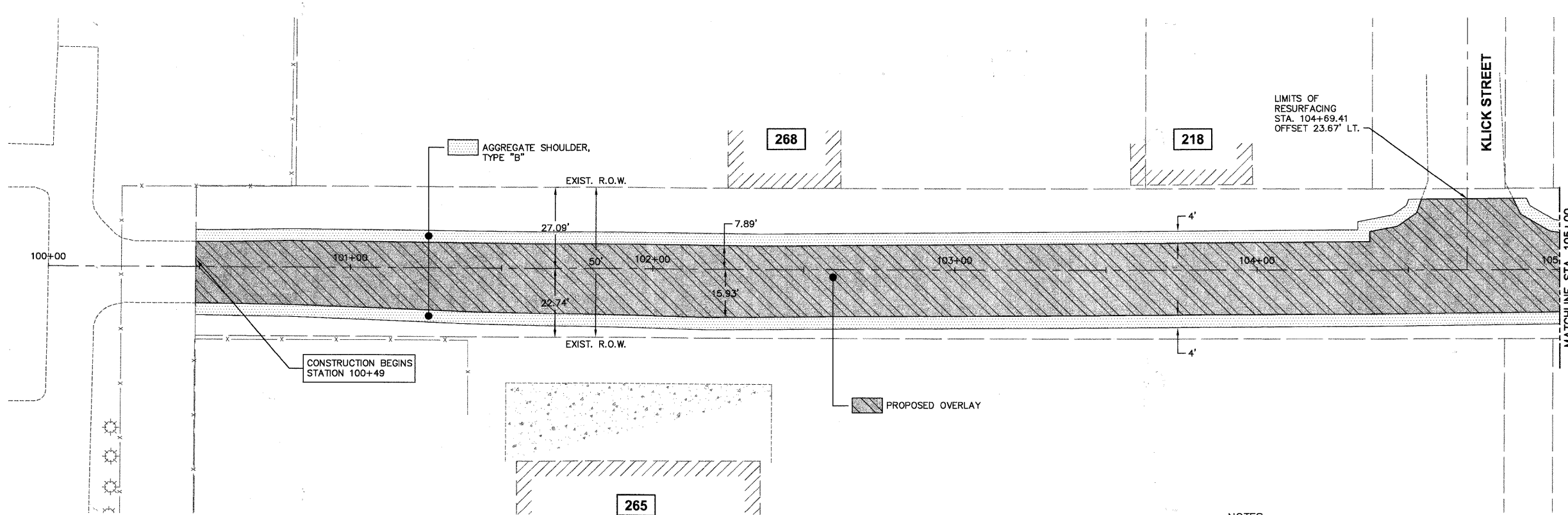
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FILE NAME	USER NAME = #USER#	DESIGNED - JAM, SWM	REVISED - 12/02/09
FILE#		DRAWN - KKP	REVISED - 01/22/10
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PLOT DATE = #DATE#		DATE - 10/16/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDUSTRIAL DRIVE EXISTING CONDITIONS AND REMOVAL PLAN			
SCALE: 1"=20'	PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06	
	SHEET NO. 26 OF 92 SHEETS	STA. N/A	TO STA. N/A

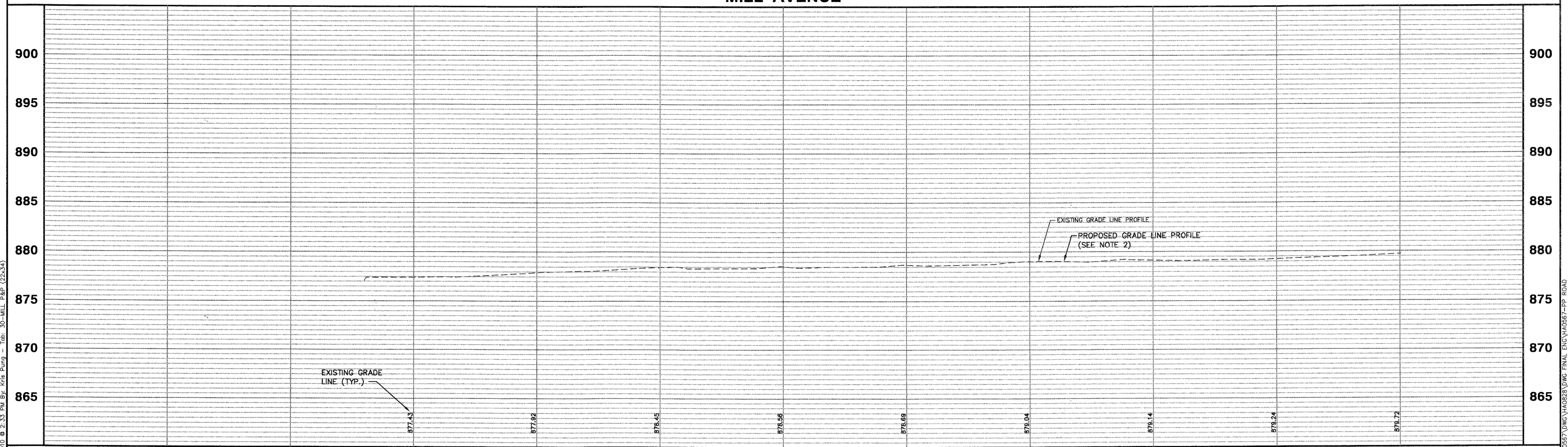
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	29
CONTRACT NO. 63406			ILLINOIS FED. AID PROJECT	



- NOTES:
1. AREA REFLECTIVE CRACK CONTROL TO BE USED OVER ENTIRE AREA AFTER LEVELING BINDER HAS BEEN PLACED.
 2. PROPOSED GRADE LINE PROFILE 1" ABOVE EXISTING GRADE LINE PROFILE.

SCALE:
 HORIZONTAL 1" = 20'
 VERTICAL 1" = 5'

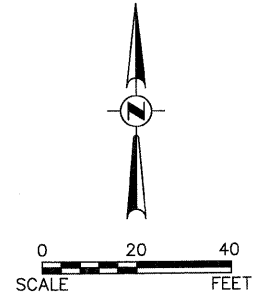
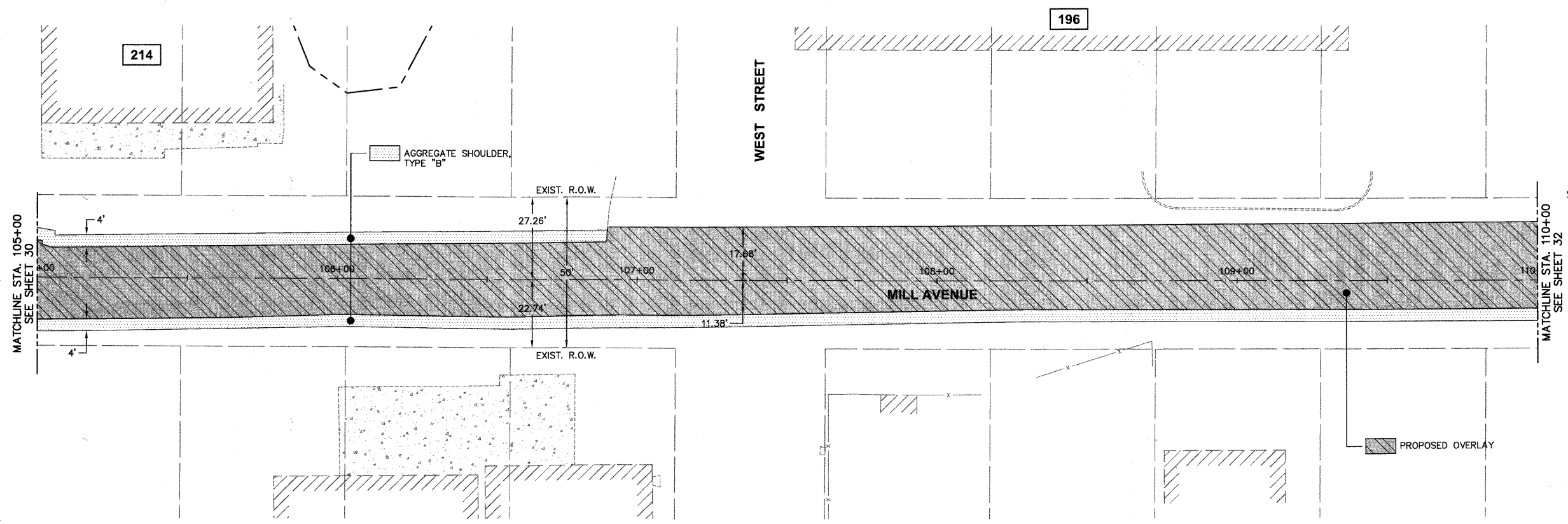
MILL AVENUE



COPYRIGHT © 2010 ENGINEERING ENTERPRISES, INC.		DESIGNED - JAM, SWM		REVISED - 12/02/09		STATE OF ILLINOIS		PROPOSED MILL AVENUE PLAN AND PROFILE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
FILE NAME	USER NAME = #USER#	DRAWN - KKP	REVISED - 01/22/10	DEPARTMENT OF TRANSPORTATION				PROJECT NO. HPP-1468(004)		JOB NO. C-91-175-06		N/A	06-00015-00-PV	KANE	97	30		
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Plotted: February 1, 2010 @ 2:33 PM By: Kris Pung - Tab: 30-MILL P&P (22x34)

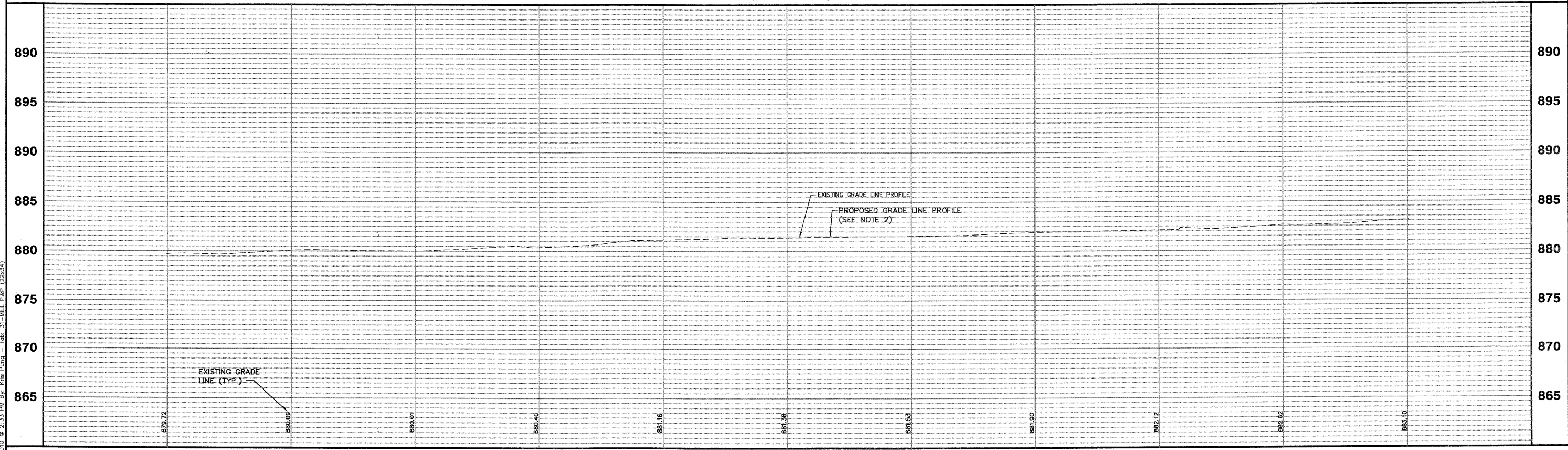
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- NOTES:
1. AREA REFLECTIVE CRACK CONTROL TO BE USED OVER ENTIRE AREA AFTER LEVELING BINDER HAS BEEN PLACED.
 2. PROPOSED GRADE LINE PROFILE 1" ABOVE EXISTING GRADE LINE PROFILE.

SCALE:
 HORIZONTAL 1" = 20'
 VERTICAL 1" = 5'

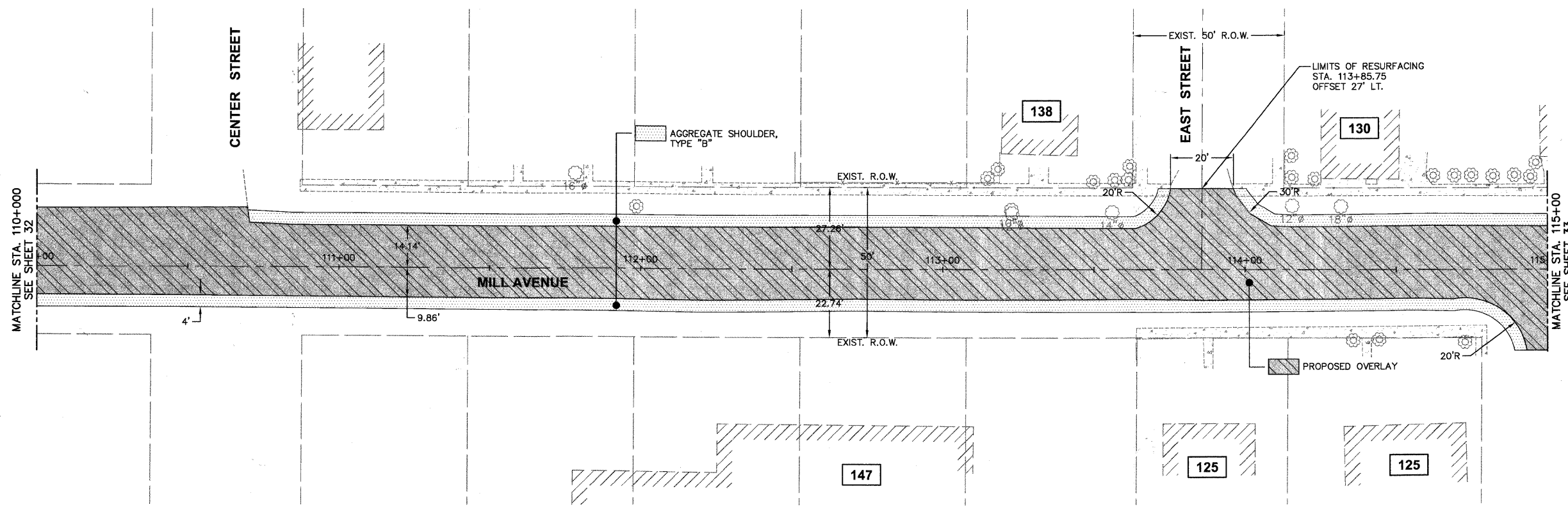
MILL AVENUE



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Plotted: February 1, 2010 @ 2:33 PM By: Kris Pung - Tab: 31-MILL P&P (22x34)

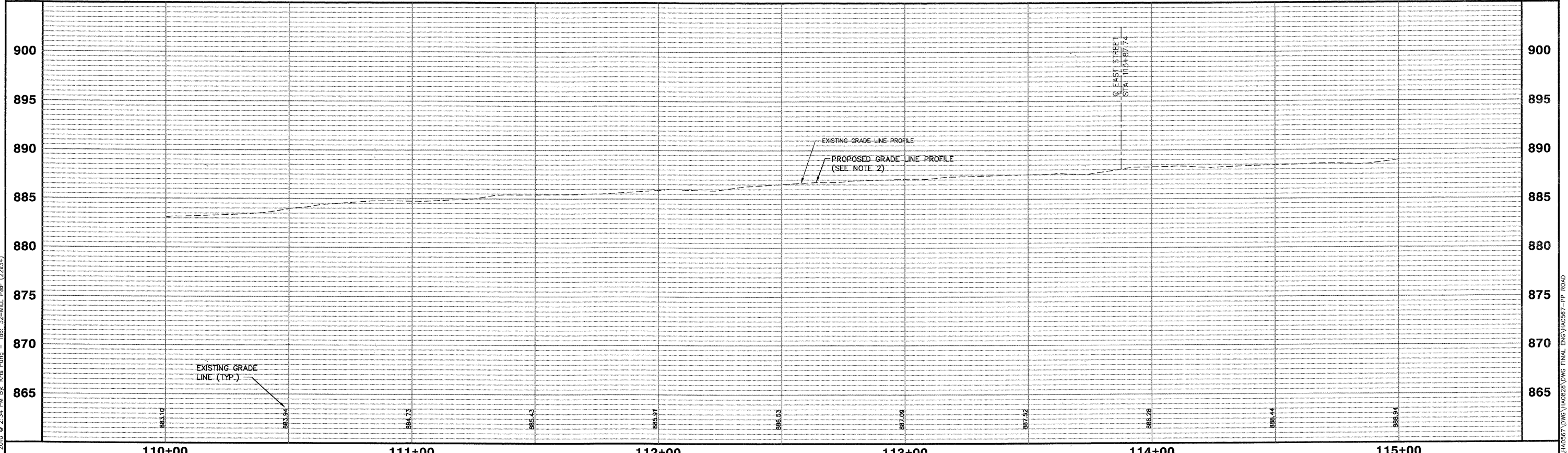
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NOTES:
 1. AREA REFLECTIVE CRACK CONTROL TO BE USED OVER ENTIRE AREA AFTER LEVELING BINDER HAS BEEN PLACED.
 2. PROPOSED GRADE LINE PROFILE 1" ABOVE EXISTING GRADE LINE PROFILE.

SCALE:
 HORIZONTAL 1" = 20'
 VERTICAL 1" = 5'

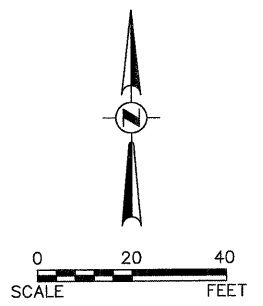
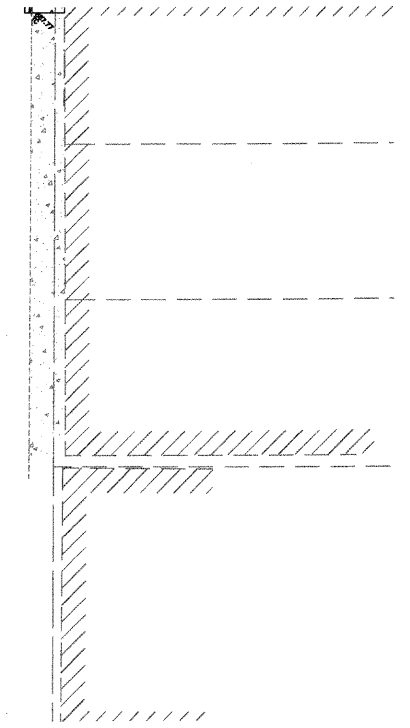
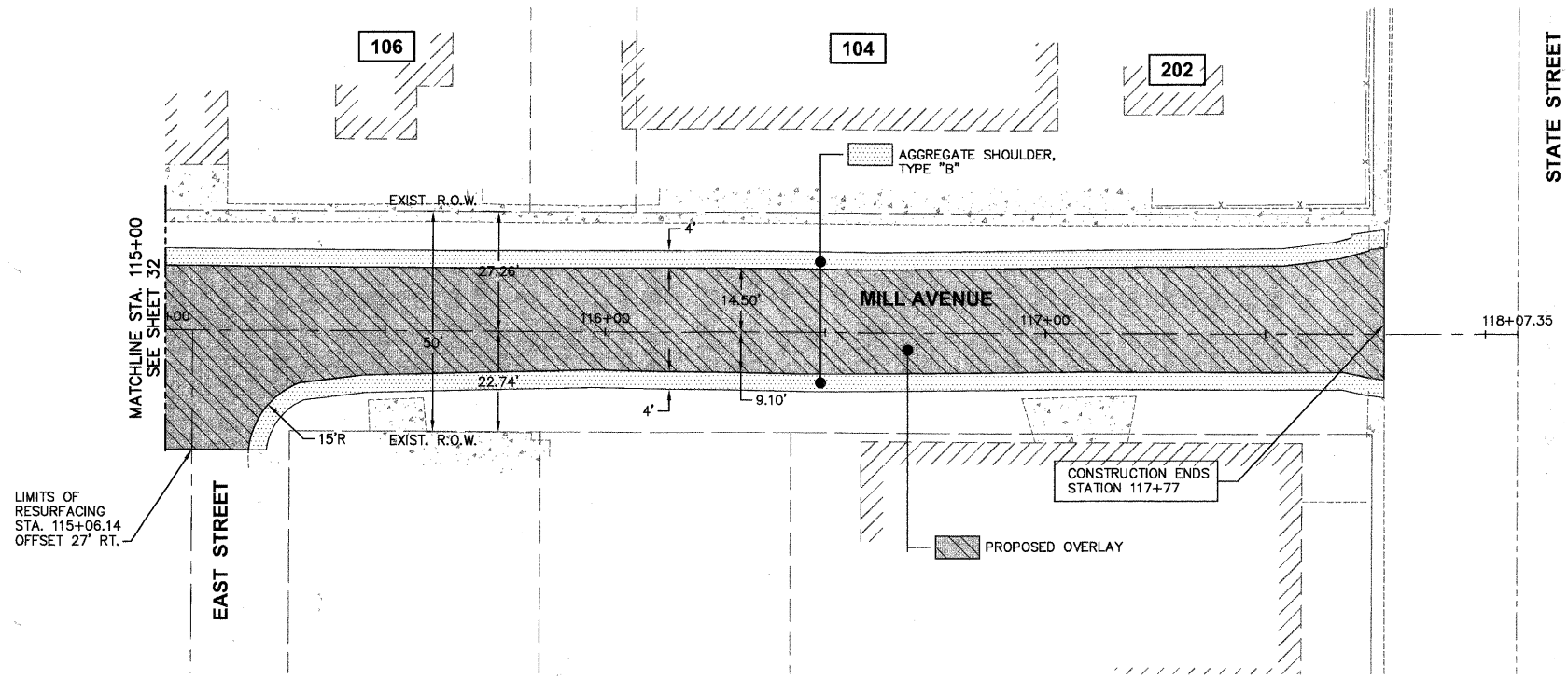
MILL AVENUE



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PLOT SCALE = #SCALE#		DATE - 10/16/09		REVISED -						SCALE: 1"=20'		SHEET NO. 29 OF 92 SHEETS		STA. N/A TO STA. N/A	

Plotted: February 1, 2010 @ 2:34 PM By: Kris Pung - Tab: 32-MILL P&P (23x34)

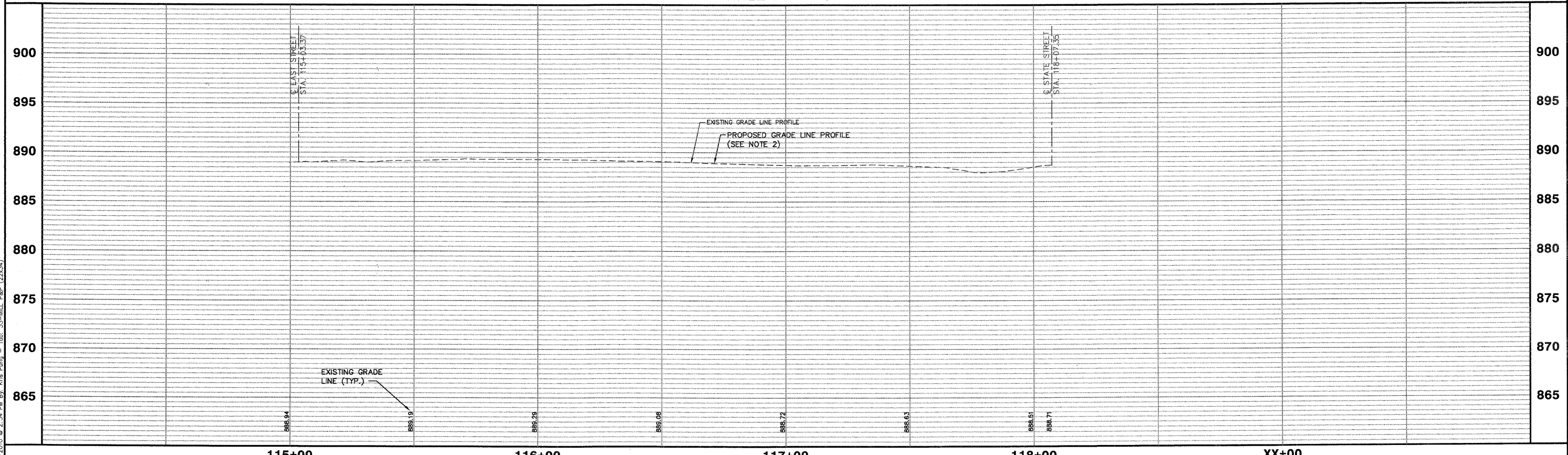
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- NOTES:
1. AREA REFLECTIVE CRACK CONTROL TO BE USED OVER ENTIRE AREA AFTER LEVELING BINDER HAS BEEN PLACED.
 2. PROPOSED GRADE LINE PROFILE 1" ABOVE EXISTING GRADE LINE PROFILE.

SCALE:
 HORIZONTAL 1" = 20'
 VERTICAL 1" = 5'

MILL AVENUE



Plotted: February 1, 2010 @ 2:34 PM By: Kris Pung - Tab: 33-MILL P&P (22x34)

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FILE NAME	USER NAME = #USER#	DESIGNED - JAM, SWM	REVISED - 12/02/09
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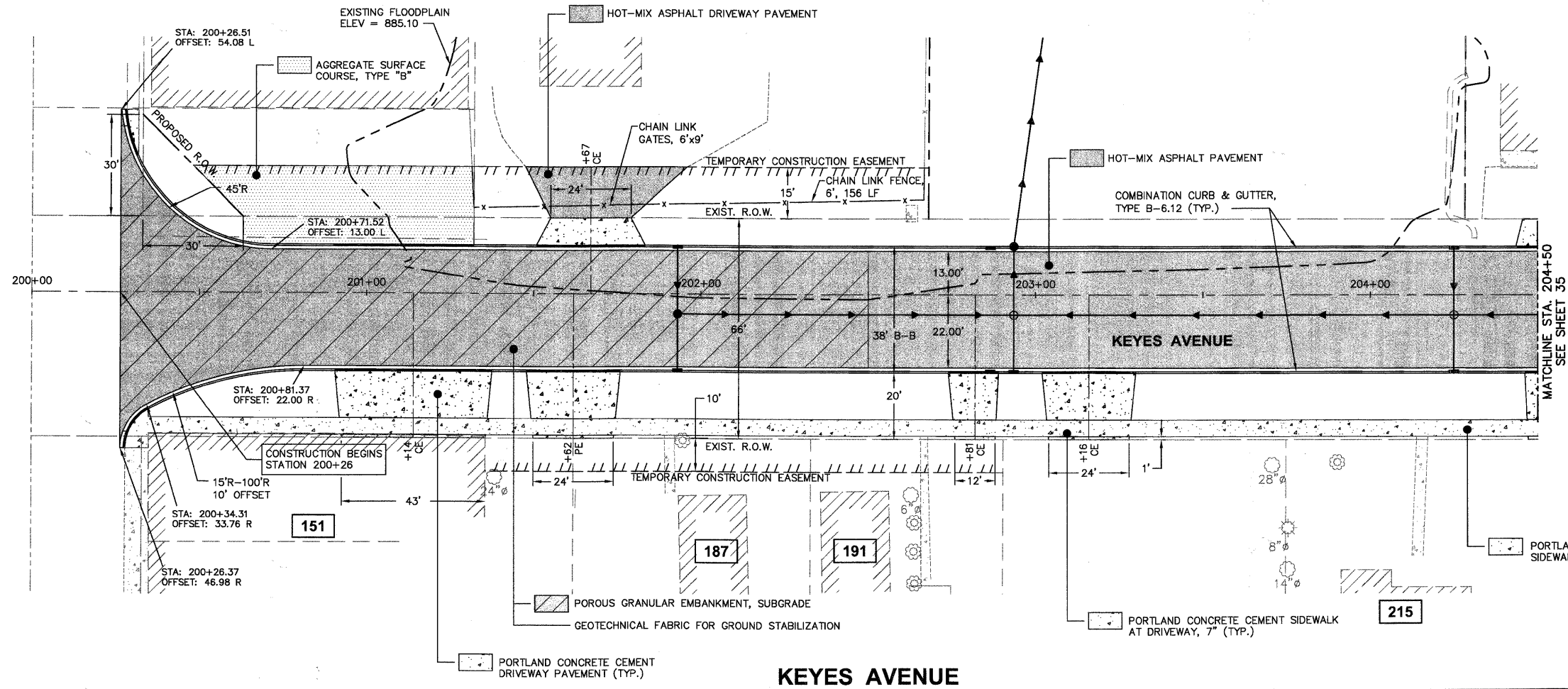
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED MILL AVENUE PLAN AND PROFILE			
PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06		
SCALE: 1"=20'	SHEET NO. 30 OF 92 SHEETS	STA. N/A	TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	33
FED. ROAD DIST. NO. - ILLINOIS			FED. AID PROJECT	
CONTRACT NO. 63406				

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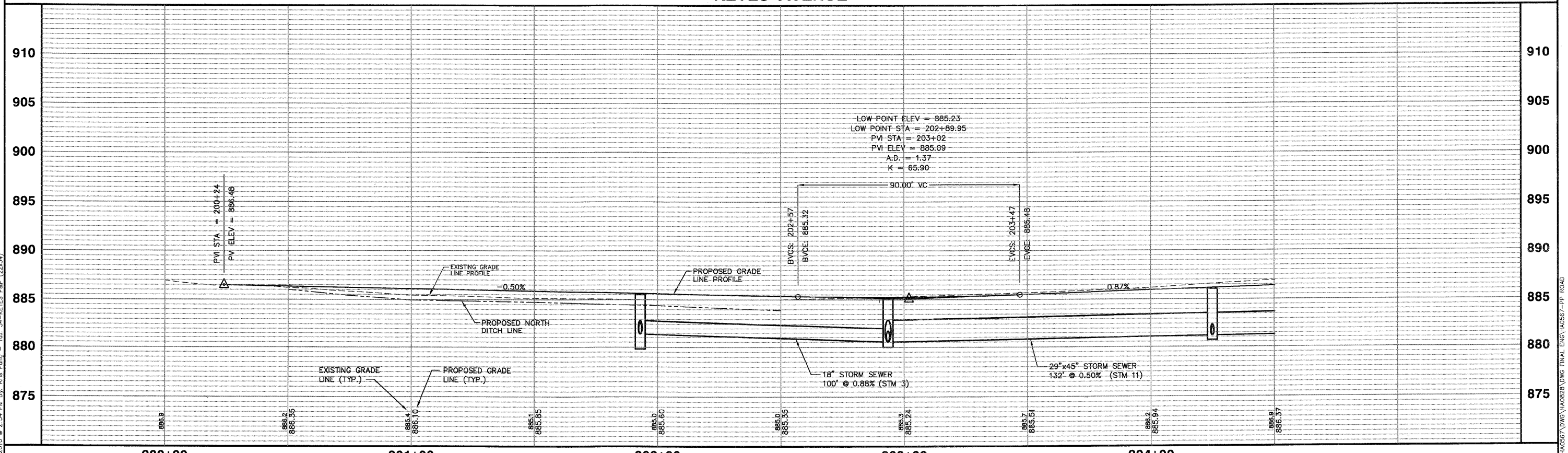
STATE STREET



NOTE:
1. SEE UTILITY PLAN AND PROFILE SHEETS FOR DETAILED STORM SEWER, SANITARY SEWER, AND WATER MAIN IMPROVEMENTS.

SCALE:
HORIZONTAL 1" = 20'
VERTICAL 1" = 5'

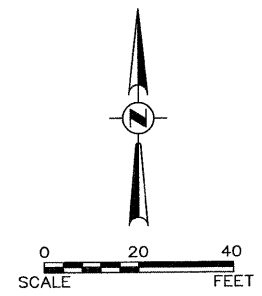
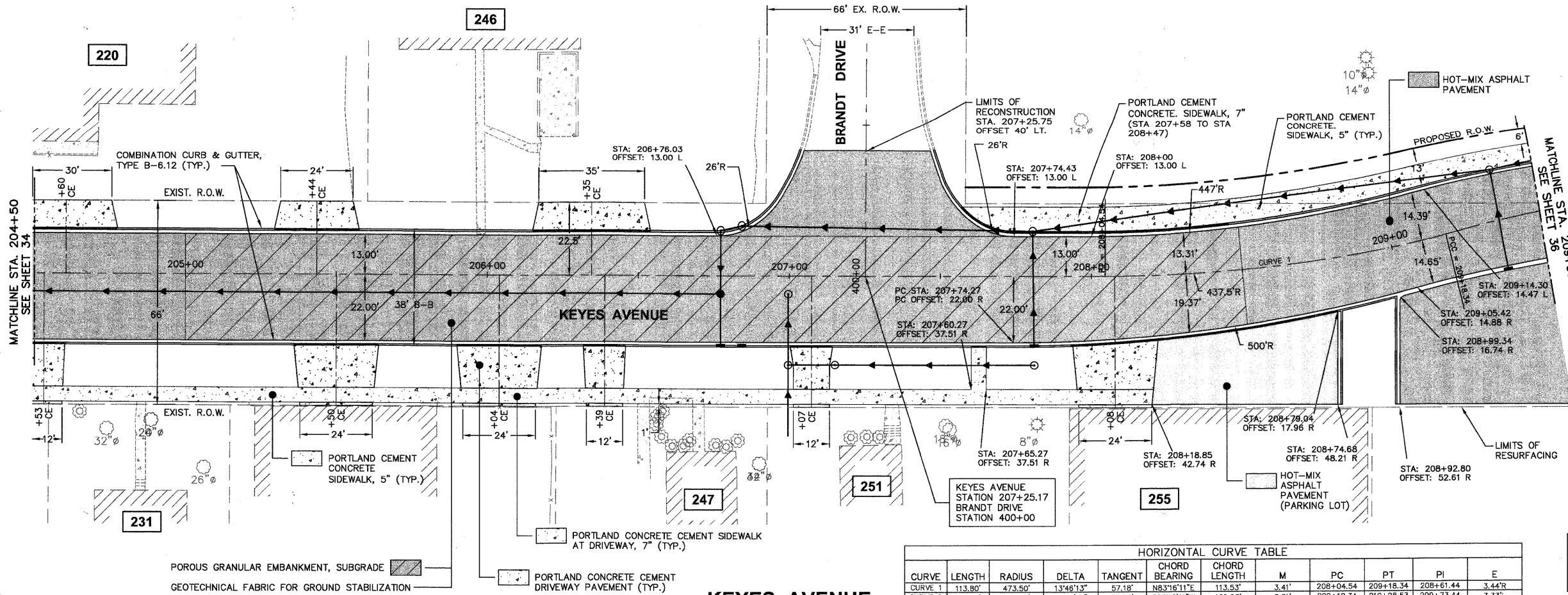
KEYES AVENUE



FILE NAME #FILE#		USER NAME = #USER#	DESIGNED - JAM, SWM DRAWN - KKP	REVISED - 12/02/09 REVISED - 01/22/10	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED KEYES AVENUE PLAN AND PROFILE		F.A.--- RTE.--- N/A	SECTION 06-00015-00-PV	COUNTY KANE	TOTAL SHEETS 97	SHEET NO. 34
PLOT SCALE = #SCALE#		CHECKED - JAM	DATE - 10/16/09	REVISED - 02/03/10		PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06	STA. N/A TO STA. N/A	CONTRACT No. 63406			
PLOT DATE = #DATE#		DATE - 10/16/09	REVISED -	REVISED -		SCALE: 1"=20'	SHEET NO. 31 OF 92 SHEETS	STA. N/A TO STA. N/A	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			

Plotted: February 1, 2010 @ 2:34 PM By: Kris Pung - Tab: 34-KEYES P&P (22,34)

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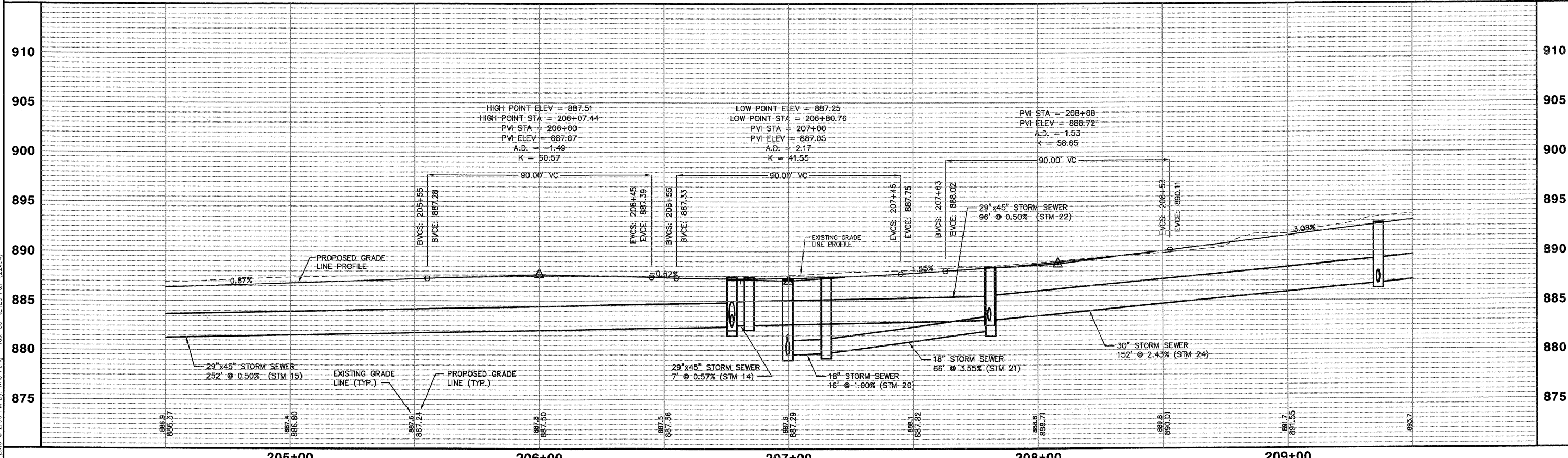


NOTE:
1. SEE UTILITY PLAN AND PROFILE SHEETS FOR DETAILED STORM SEWER, SANITARY SEWER, AND WATER MAIN IMPROVEMENTS.

HORIZONTAL CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD BEARING	CHORD LENGTH	M	PC	PT	PI	E
CURVE 1	113.80'	473.50'	13°46'13"	57.18'	N83°16'11"E	113.53'	3.41'	208+04.54	209+18.34	208+61.44	3.44'R
CURVE 2	110.20'	458.50'	13°46'13"	55.36'	S83°16'11"W	109.93'	3.31'	209+18.34	210+28.53	209+73.44	3.33'L

SCALE:
HORIZONTAL 1" = 20'
VERTICAL 1" = 5'

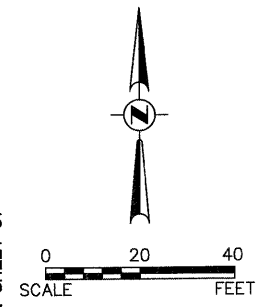
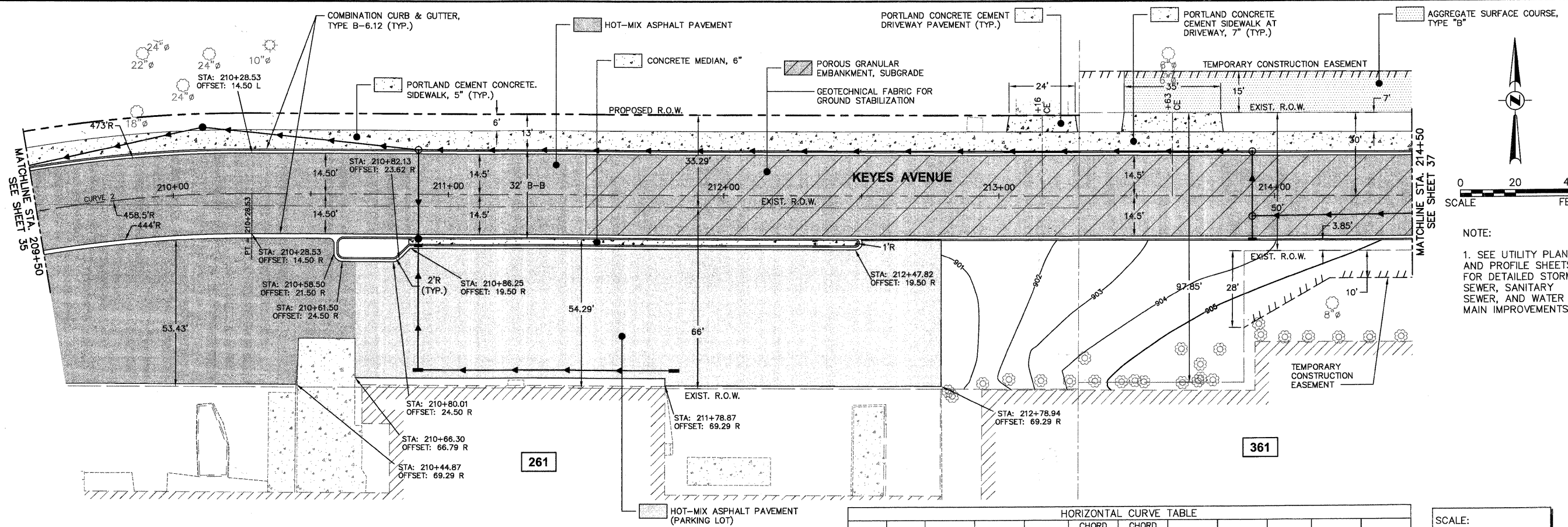


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FILE NAME	USER NAME = #USER*	DESIGNED - JAM, SWM	REVISED - 12/02/09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED KEYES AVENUE PLAN AND PROFILE		F.A. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL*		DRAWN - KKP	REVISED - 01/22/10		PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06	N/A	06-00015-00-PV	KANE	97	35
PLOT SCALE = #SCALE*		CHECKED - JAM	REVISED - 02/03/10		SCALE: 1"=20'	SHEET NO. 32 OF 92 SHEETS	STA. N/A	TO STA. N/A	Contract No. 63406		
PLOT DATE = #DATE*		DATE - 10/16/09	REVISED -				FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				

Plotted: February 1, 2010 @ 2:35 PM By: Kris Pung - Tab: 35--KEYES.Pkg (22x34)

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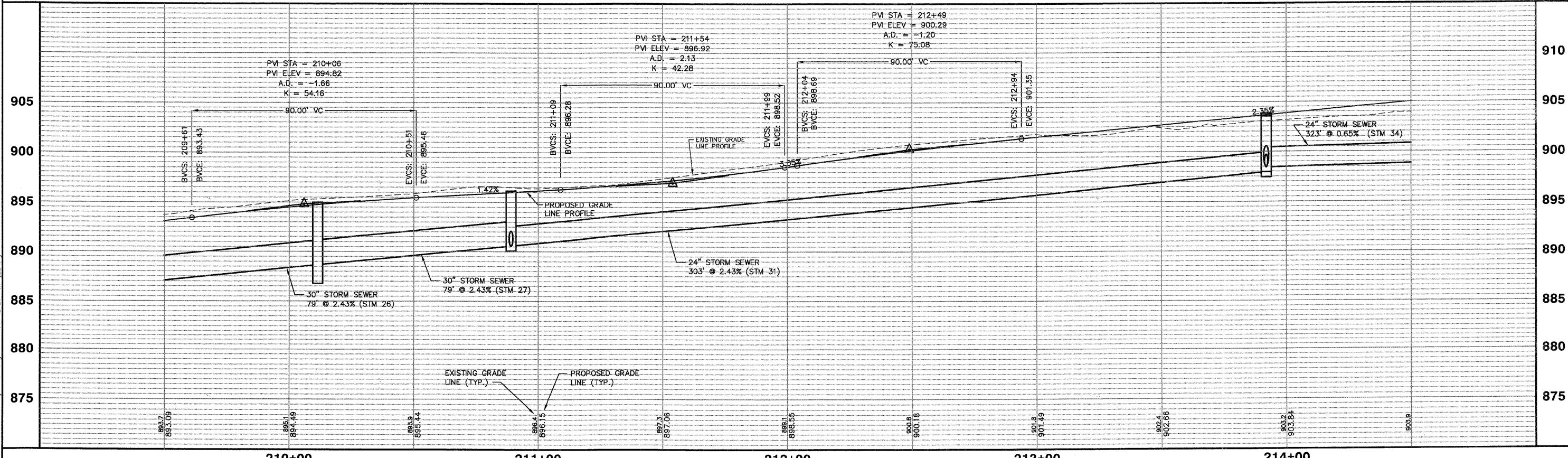


NOTE:
1. SEE UTILITY PLAN AND PROFILE SHEETS FOR DETAILED STORM SEWER, SANITARY SEWER, AND WATER MAIN IMPROVEMENTS.

HORIZONTAL CURVE TABLE											
CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD BEARING	CHORD LENGTH	M	PC	PT	PI	E
CURVE 1	113.80'	473.50'	13°46'13"	57.18'	N83°16'11"E	113.53'	3.41'	208+04.54	209+18.34	209+61.44	3.44'R
CURVE 2	110.20'	458.50'	13°46'13"	55.36'	S83°16'11"W	109.93'	3.31'	209+18.34	210+28.53	209+73.44	3.33'R

SCALE:
HORIZONTAL 1" = 20'
VERTICAL 1" = 5'

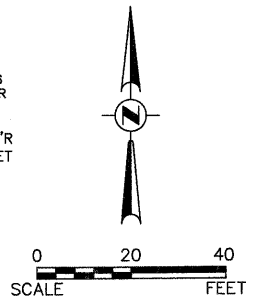
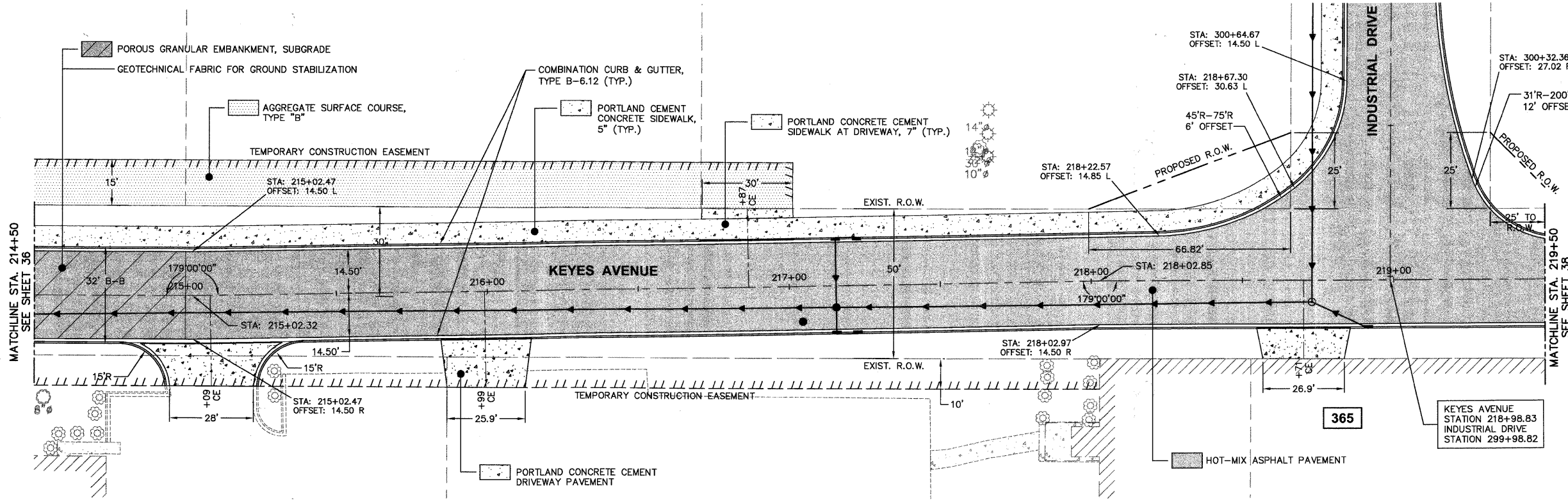
KEYES AVENUE



Plotted: February 1, 2010 @ 2:35 PM By: Kris Pung - Tab: 36--KEYES P&P (22-34)

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FILE NAME	USER NAME = *USER*	DESIGNED - JAM, SWM	REVISED - 12/02/09					N/A	06-00015-00-PV	KANE	97	36
#FILE#		DRAWN - KKP	REVISED - 01/22/10					CONTRACT NO. 63406				
PLOT SCALE = *SCALE*		CHECKED - JAM	REVISED - 02/03/10					FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
PLOT DATE = *DATE*		DATE - 10/16/09	REVISED -	SCALE: 1"=20'	PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06						
						SHEET NO. 33 OF 92 SHEETS		STA. N/A TO STA. N/A				

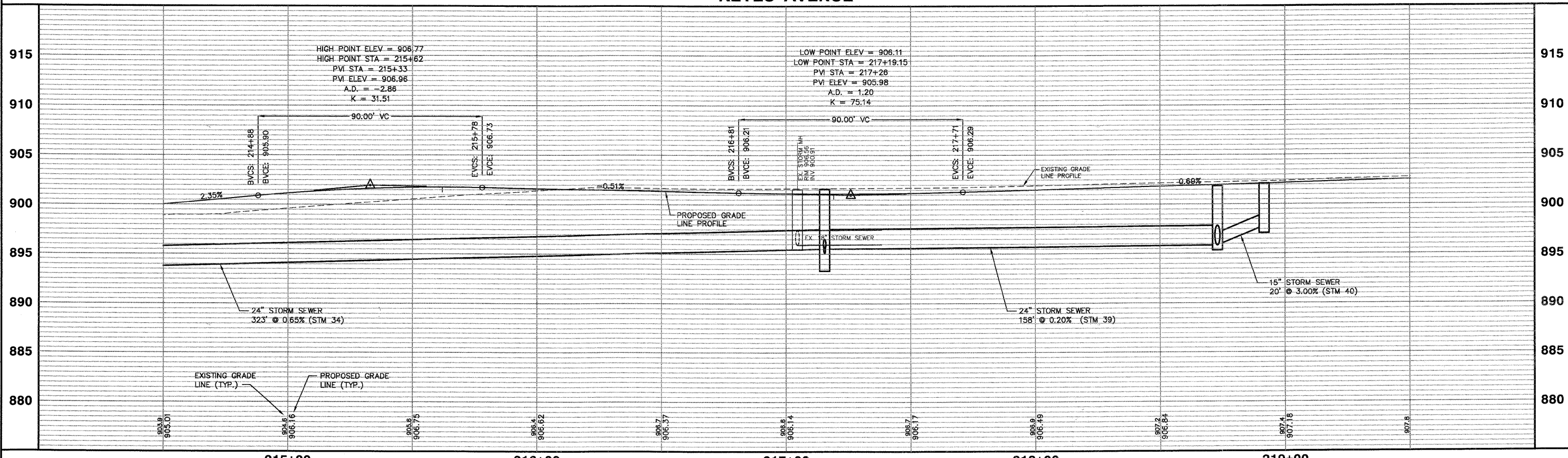
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NOTE:
1. SEE UTILITY PLAN AND PROFILE SHEETS FOR DETAILED STORM SEWER, SANITARY SEWER, AND WATER MAIN IMPROVEMENTS.

SCALE:
HORIZONTAL 1" = 20'
VERTICAL 1" = 5'

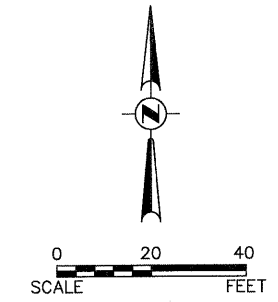
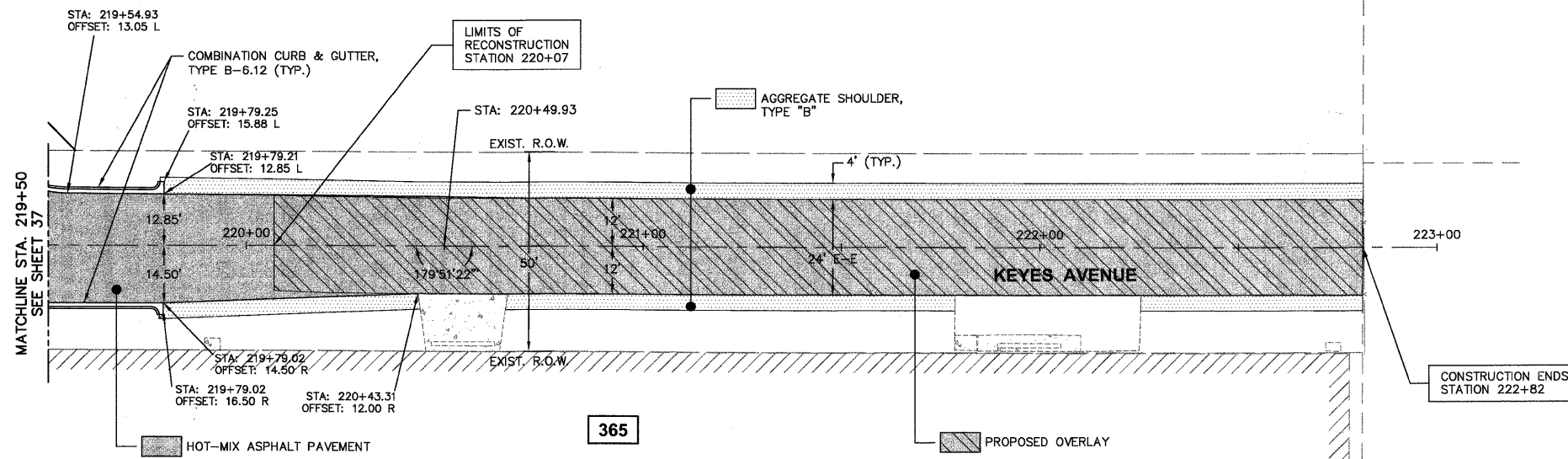
KEYES AVENUE



Plotted: February 1, 2010 @ 2:35 PM By: Kris Pung - Tab: 37-KEYES P&P (22,34)
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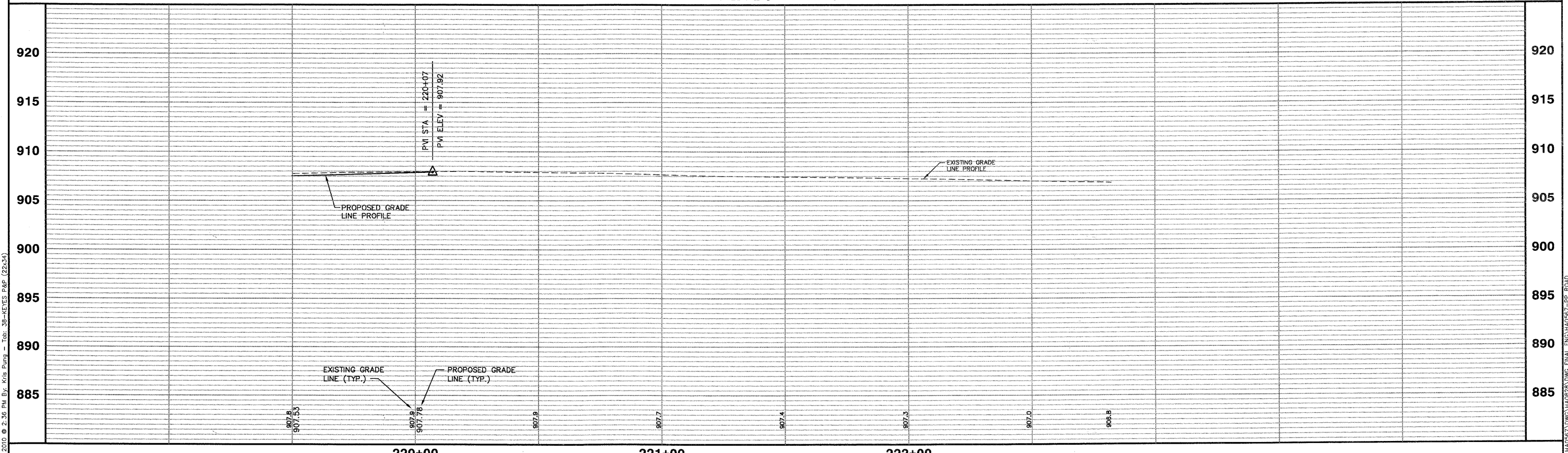
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PLOT DATE = #DATE#				DATE - 10/16/09				REVISED - 02/03/10				PROJECT NO. HPP-1468(004)		JOB NO. C-91-175-06										CONTRACT No. 68406									
												SCALE: 1"=20'		SHEET NO. 34 OF 92 SHEETS										STA. N/A		TO STA. N/A		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			



- NOTES:
1. AREA REFLECTIVE CRACK CONTROL TO BE USED OVER ENTIRE AREA AFTER LEVELING BINDER HAS BEEN PLACED.
 2. PROPOSED GRADE LINE PROFILE 1" ABOVE EXISTING GRADE LINE PROFILE STA. 220+07 TO STA. 222+82

SCALE:
 HORIZONTAL 1" = 20'
 VERTICAL 1" = 5'

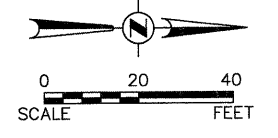
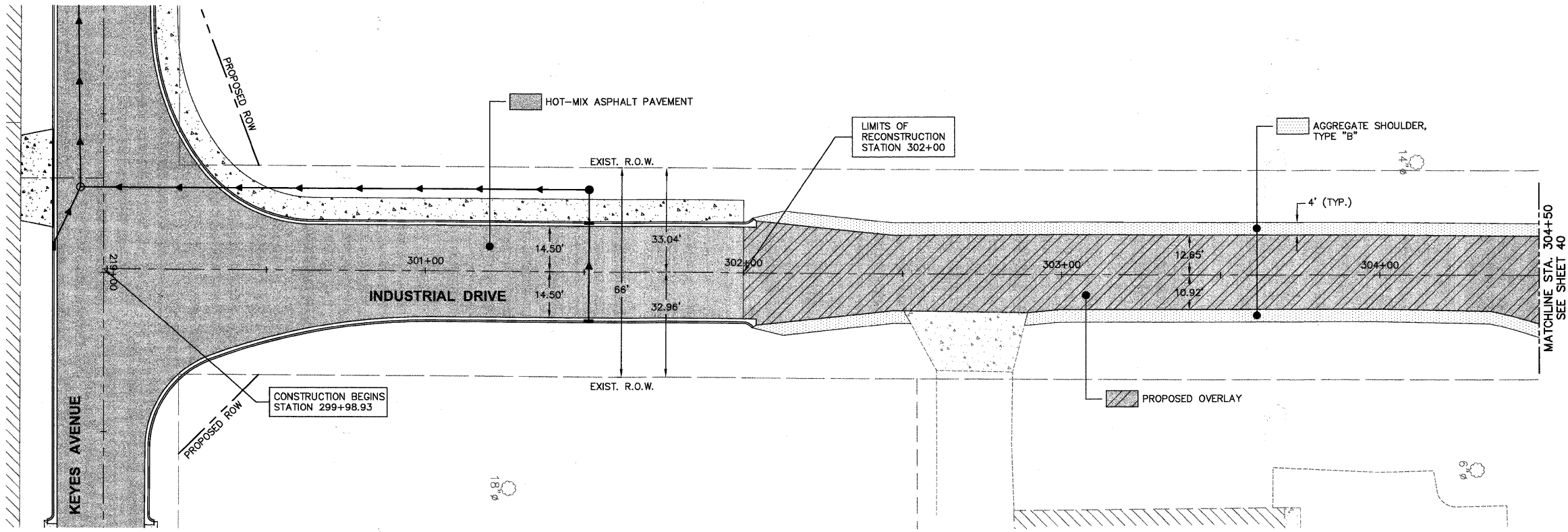
KEYES AVENUE



Plotted: February 1, 2010 @ 2:36 PM By: Kris Purni - Job: 38-KEYES P&P (22x34)

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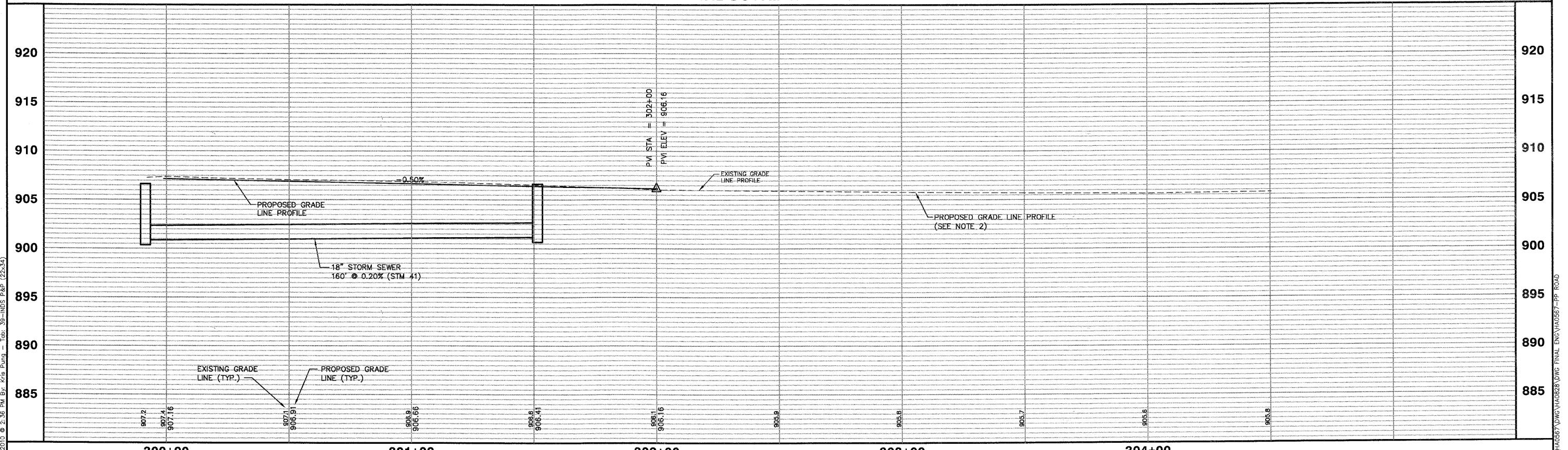
COPYRIGHT © 2010 ENGINEERING ENTERPRISES, INC.				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		PROPOSED KEYES AVENUE PLAN AND PROFILE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE NAME	USER NAME = #USER#	DESIGNED - JAM, SWM	REVISED - 12/02/09					N/A	06-00015-00-PV	KANE	97	38
*FILEL#	PLOT SCALE = #SCALE#	DRAWN - KKP	REVISED - 01/22/10	SCALE: 1"=20'		PROJECT NO. HPP-1468(004) JOB NO. C-91-175-06		Contract No. 63406				
	PLOT DATE = #DATE#	CHECKED - JAM	REVISED - 02/03/10									
		DATE - 10/16/09	REVISED -	STA. N/A TO STA. N/A		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT						



- NOTES:
1. AREA REFLECTIVE CRACK CONTROL TO BE USED OVER ENTIRE AREA AFTER LEVELING BINDER HAS BEEN PLACED.
 2. PROPOSED GRADE LINE PROFILE 1" ABOVE EXISTING GRADE LINE PROFILE BEGINNING AT STA. 302+00
 3. CONTRACTOR SHALL TAPER LEVELING BINDER AT ALL DRIVEWAYS SO THAT PROPOSED PAVEMENT MATCHES EXISTING TOP OF DRIVEWAY.

SCALE:
 HORIZONTAL 1" = 20'
 VERTICAL 1" = 5'

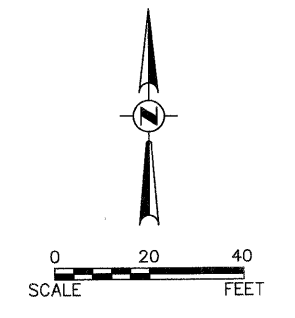
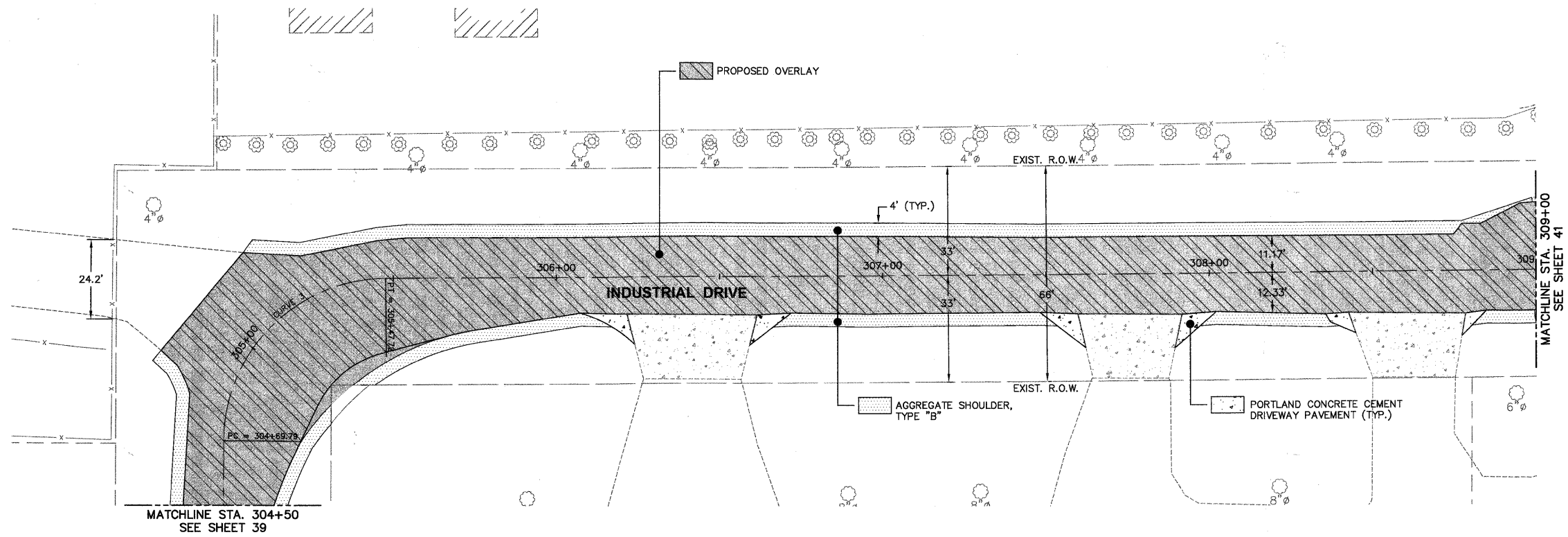
INDUSTRIAL DRIVE



Plotted: February 1, 2010 @ 2:36 PM By: Kric Plump - Job: 39-INDS P&P (22-234)

Path: \\S:\PROJ\1468\146857\DWG\146857-PP-ROAD

COPYRIGHT © 2010 ENGINEERING ENTERPRISES, INC.				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				PROPOSED INDUSTRIAL DRIVE PLAN AND PROFILE				F.A.R.T.E.:		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
FILE NAME *FILEL*												USER NAME = *USER* DESIGNED - JAM, SWM DRAWN - KKP CHECKED - JAM DATE - 10/16/09				PROJECT NO. HPP-1468(004) JOB NO. C-91-175-06 SHEET NO. 36 OF 92 SHEETS STA. N/A TO STA. N/A				N/A	
PLOT SCALE = *SCALE* PLOT DATE = *DATE*				REVISIONS: REVISED - 12/02/09 REVISED - 01/22/10 REVISED - 02/03/10 REVISED -				SCALE: 1"=20' SHEET NO. 36 OF 92 SHEETS STA. N/A TO STA. N/A				FED. ROAD DIST. NO. -		ILLINOIS		FED. AID PROJECT		CONTRACT NO. 06-1166			

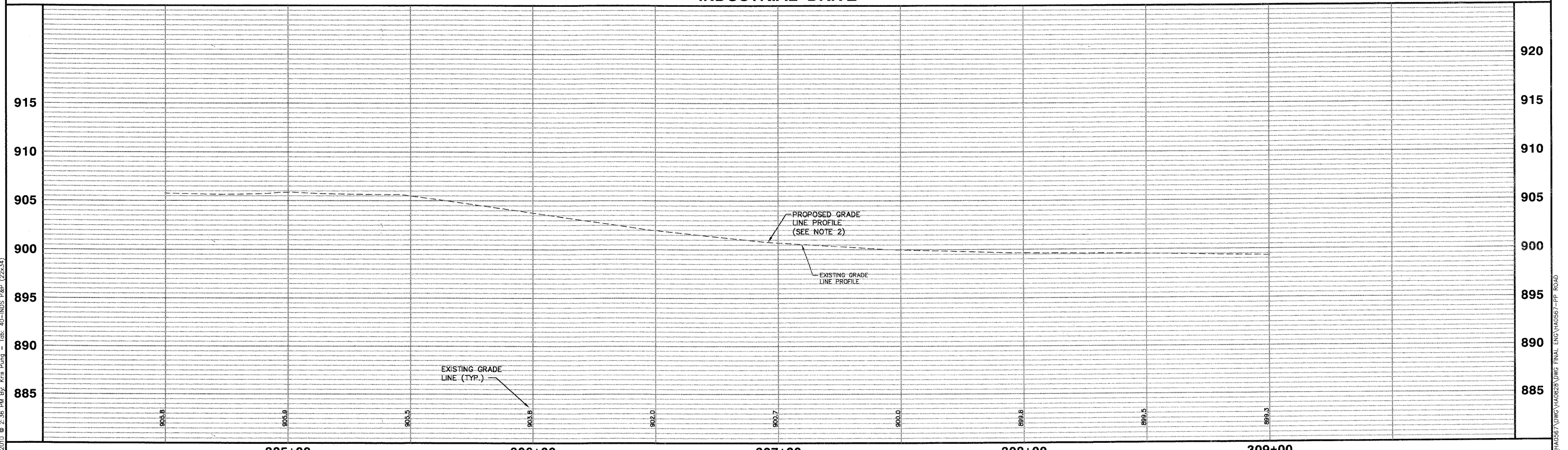


- NOTES:
1. AREA REFLECTIVE CRACK CONTROL TO BE USED OVER ENTIRE AREA AFTER LEVELING BINDER HAS BEEN PLACED.
 2. PROPOSED GRADE LINE PROFILE 1" ABOVE EXISTING GRADE LINE PROFILE.
 3. CONTRACTOR SHALL TAPER LEVELING BINDER AT ALL DRIVEWAYS SO THAT PROPOSED PAVEMENT MATCHES EXISTING TOP OF DRIVEWAY.

SCALE:
HORIZONTAL 1" = 20'
VERTICAL 1" = 5'

215

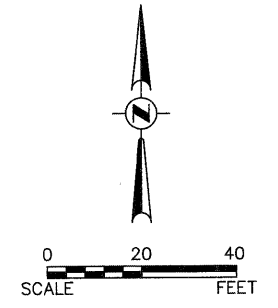
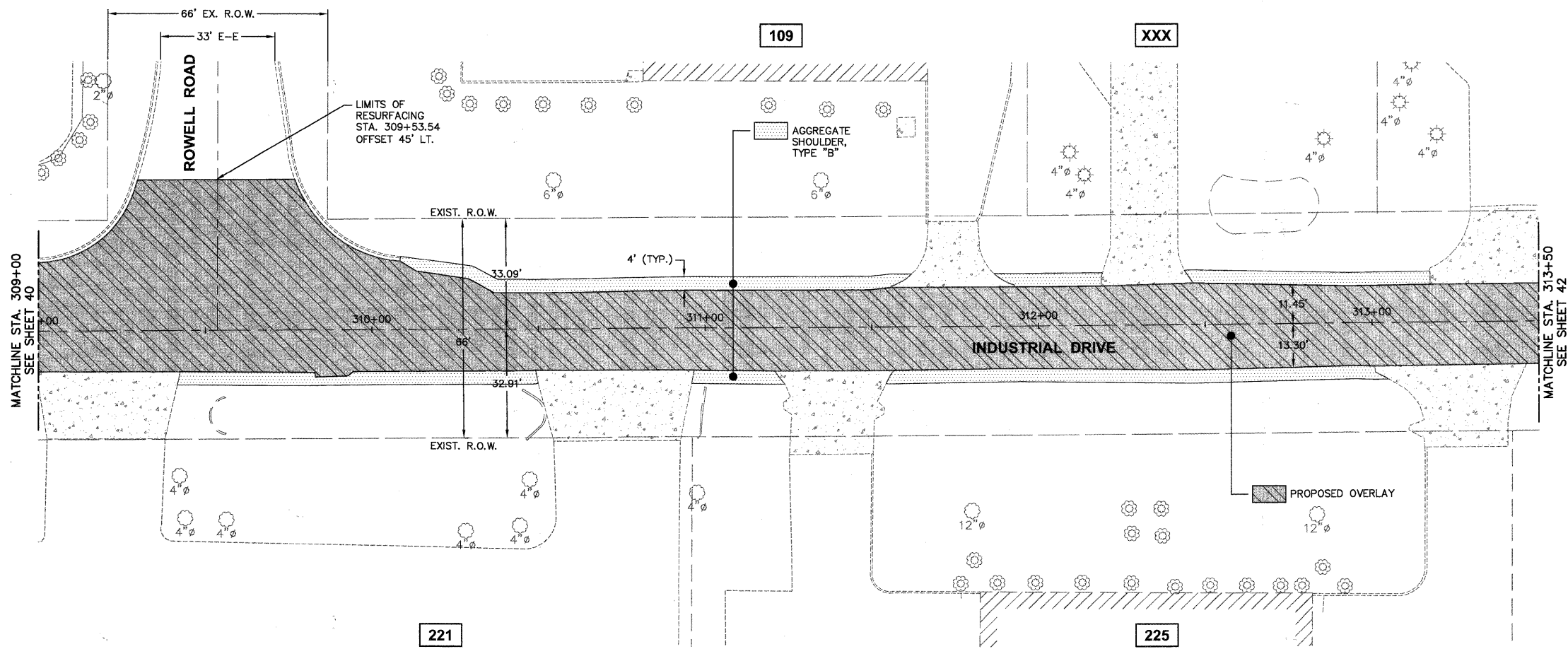
INDUSTRIAL DRIVE



Plotted: February 1, 2010 @ 2:36 PM By: K's Pung - Job: 40-NDS P&P (22x34)
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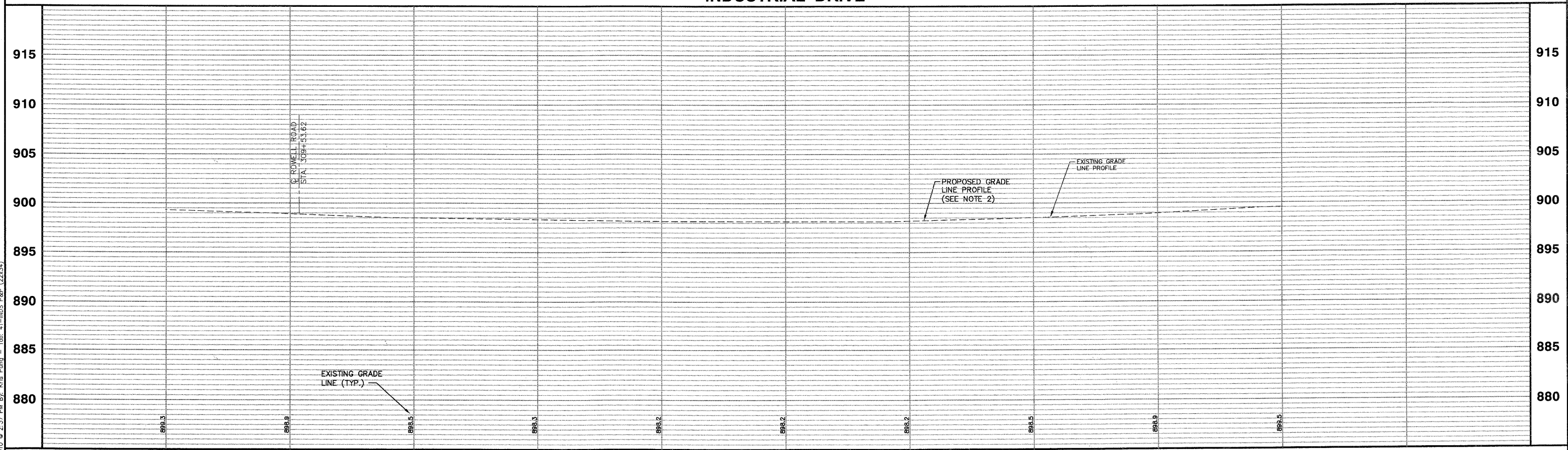
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PLOT DATE = #DATE#				DATE -		REVISED -		REVISED -										CONTRACT NO. 63406											



- NOTES:
1. AREA REFLECTIVE CRACK CONTROL TO BE USED OVER ENTIRE AREA AFTER LEVELING BINDER HAS BEEN PLACED.
 2. PROPOSED GRADE LINE PROFILE 1" ABOVE EXISTING GRADE LINE PROFILE.
 3. CONTRACTOR SHALL TAPER LEVELING BINDER AT ALL DRIVEWAYS SO THAT PROPOSED PAVEMENT MATCHES EXISTING TOP OF DRIVEWAY.

SCALE:
HORIZONTAL 1" = 20'
VERTICAL 1" = 5'

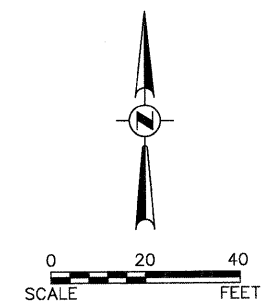
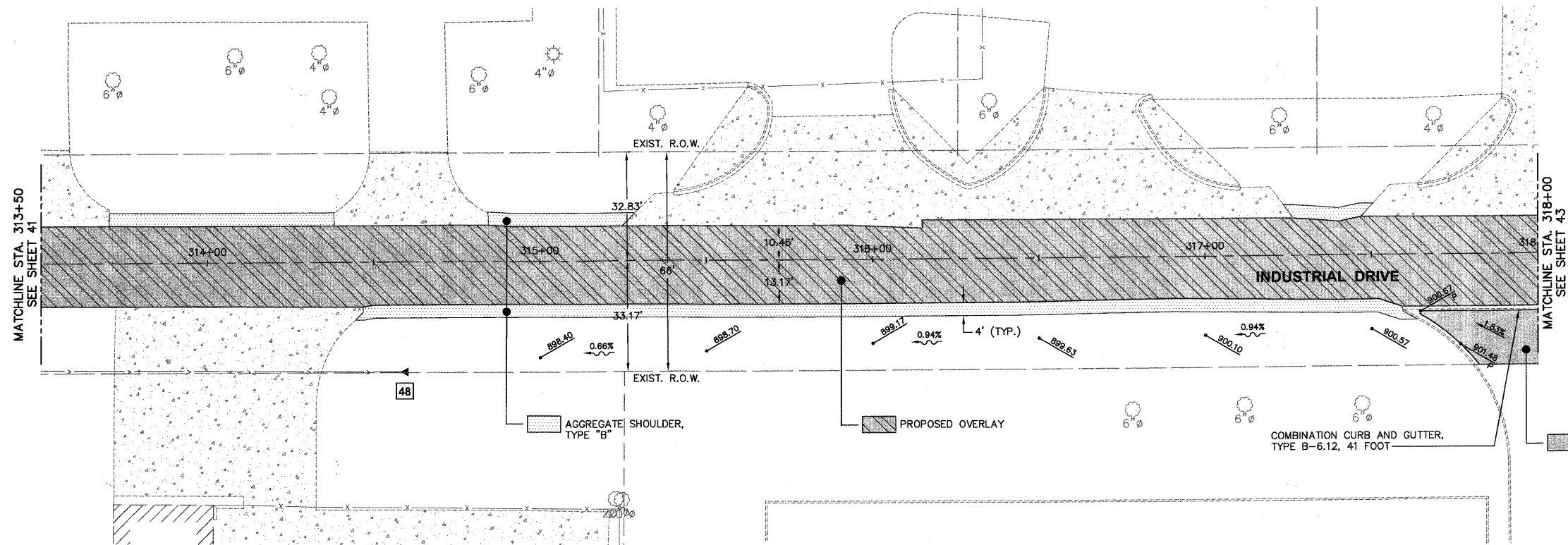
INDUSTRIAL DRIVE



Plotted: February 1, 2010 @ 2:37 PM By: Kris Pung - Tab: 41-INDS P&P (22x34)

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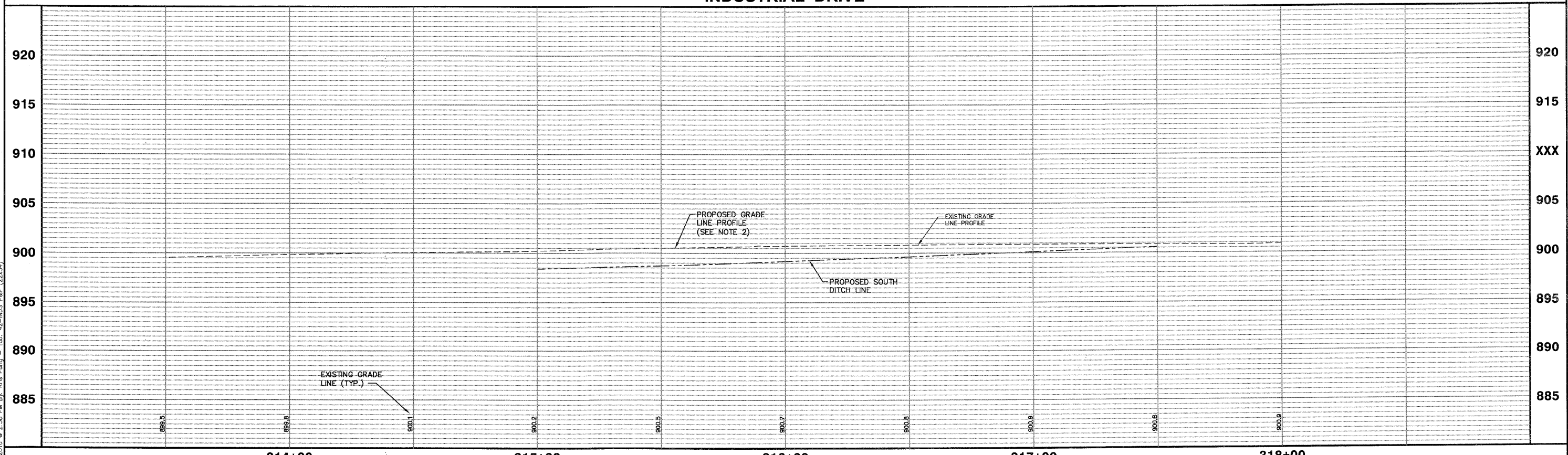
COPYRIGHT © 2010 ENGINEERING ENTERPRISES, INC.		DESIGNED - JAM, SWM		REVISED - 12/02/09		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		PROPOSED INDUSTRIAL DRIVE PLAN AND PROFILE			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
FILE NAME	USER NAME = #USER#	DRAWN - KKP	REVISED - 01/22/10	PROJECT NO. HPP-1468(004)							JOB NO. C-91-175-06		N/A	06-00015-00-PV	KANE	97	41
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	PLOT DATE = #DATE#	DATE - 10/16/09	REVISED -														



- NOTES:
1. AREA REFLECTIVE CRACK CONTROL TO BE USED OVER ENTIRE AREA AFTER LEVELING BINDER HAS BEEN PLACED.
 2. PROPOSED GRADE LINE PROFILE 1" ABOVE EXISTING GRADE LINE PROFILE.
 3. CONTRACTOR SHALL TAPER LEVELING BINDER AT ALL DRIVEWAYS SO THAT PROPOSED PAVEMENT MATCHES EXISTING TOP OF DRIVEWAY.

SCALE:
 HORIZONTAL 1" = 20'
 VERTICAL 1" = 5'

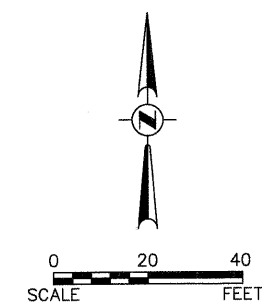
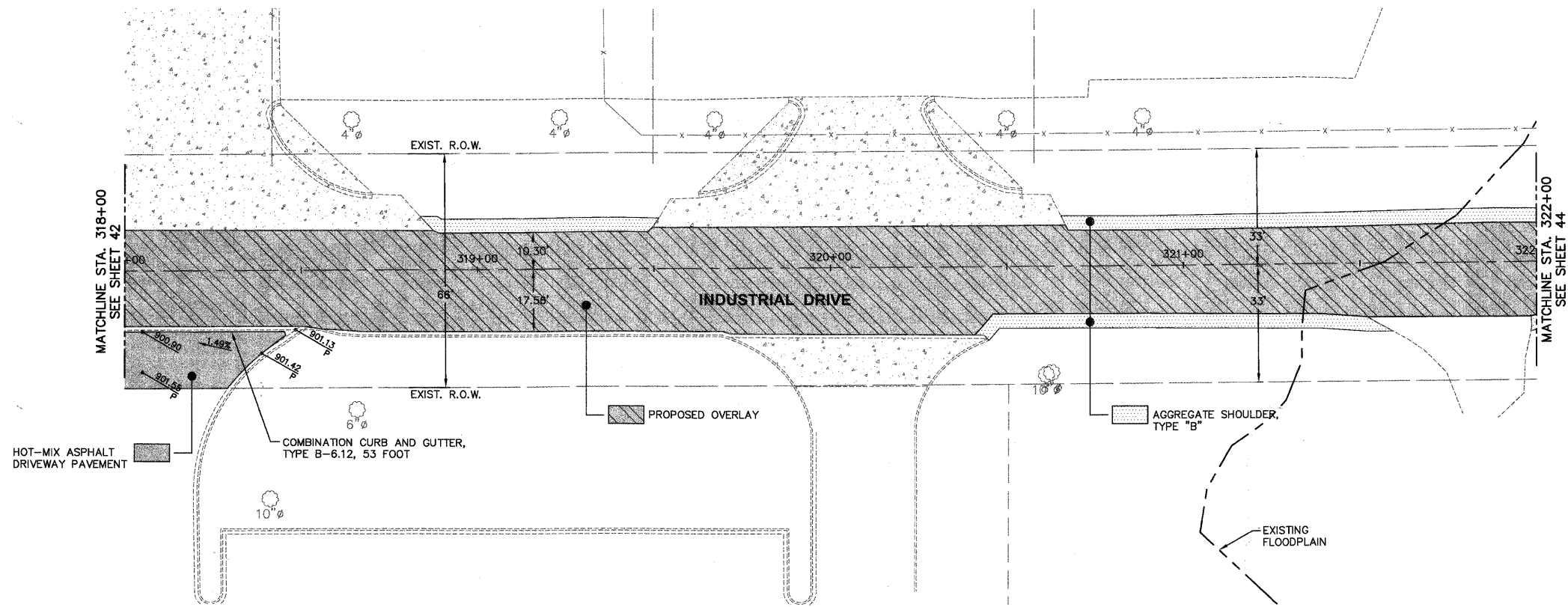
INDUSTRIAL DRIVE



Plotted: February 1, 2010 @ 2:38 PM By: Kris Pung - Tab: 42-INDS P&P (22x34)
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PLOT SCALE = #SCALE#		PLOT DATE = #DATE#		PROJECT NO. HPP-1468(004)		JOB NO. C-91-175-06		SCALE: 1"=20' SHEET NO. 39 OF 92 SHEETS		STA. N/A TO STA. N/A		FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT	

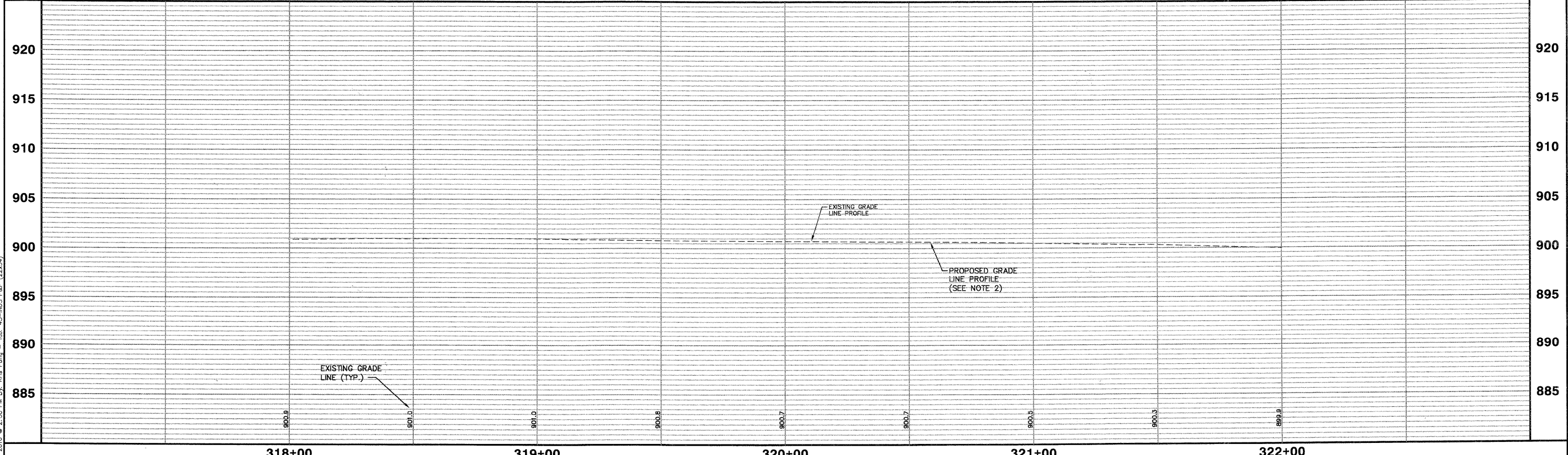


- NOTES:
1. AREA REFLECTIVE CRACK CONTROL TO BE USED OVER ENTIRE AREA AFTER LEVELING BINDER HAS BEEN PLACED.
 2. PROPOSED GRADE LINE PROFILE 1" ABOVE EXISTING GRADE LINE PROFILE.
 3. CONTRACTOR SHALL TAPER LEVELING BINDER AT ALL DRIVEWAYS SO THAT PROPOSED PAVEMENT MATCHES EXISTING TOP OF DRIVEWAY.

255

SCALE:
 HORIZONTAL 1" = 20'
 VERTICAL 1" = 5'

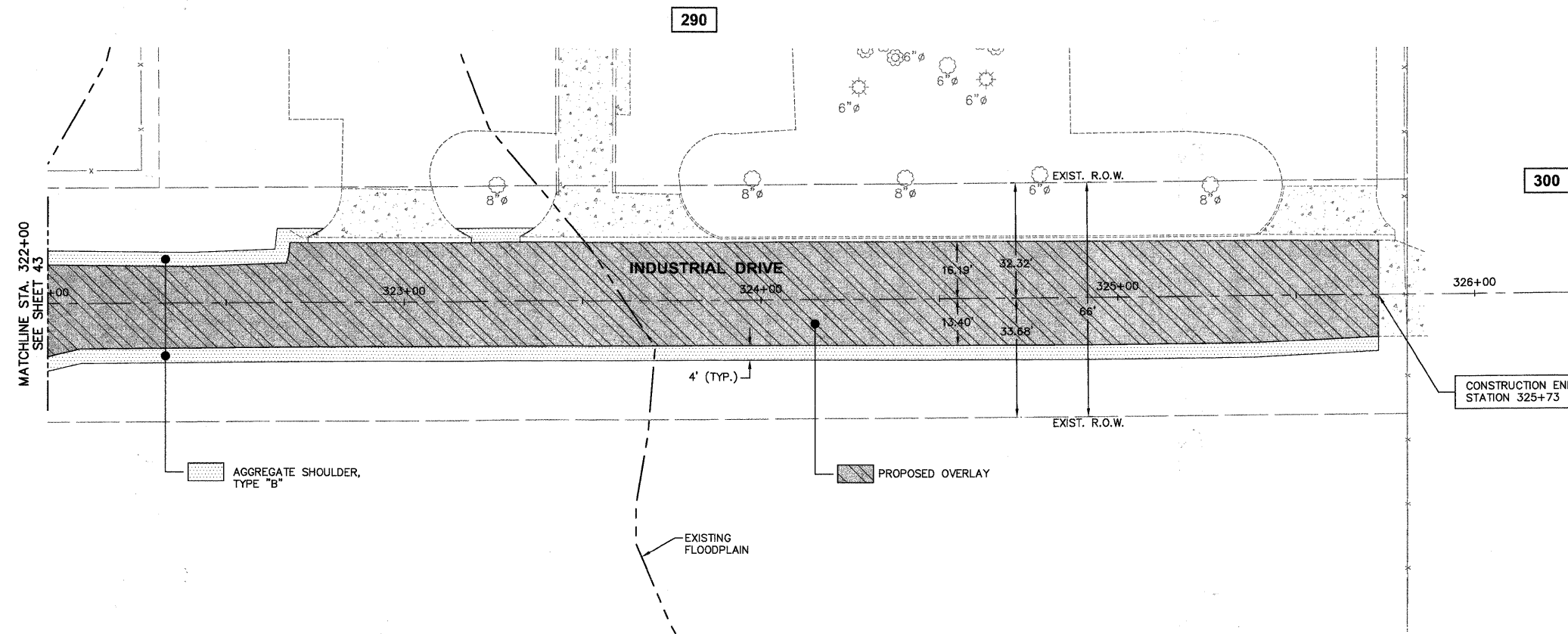
INDUSTRIAL DRIVE



Plotted: February 1, 2010 @ 2:36 PM By: Kris Pung - Tab: 43-INDS P&P (22x34)

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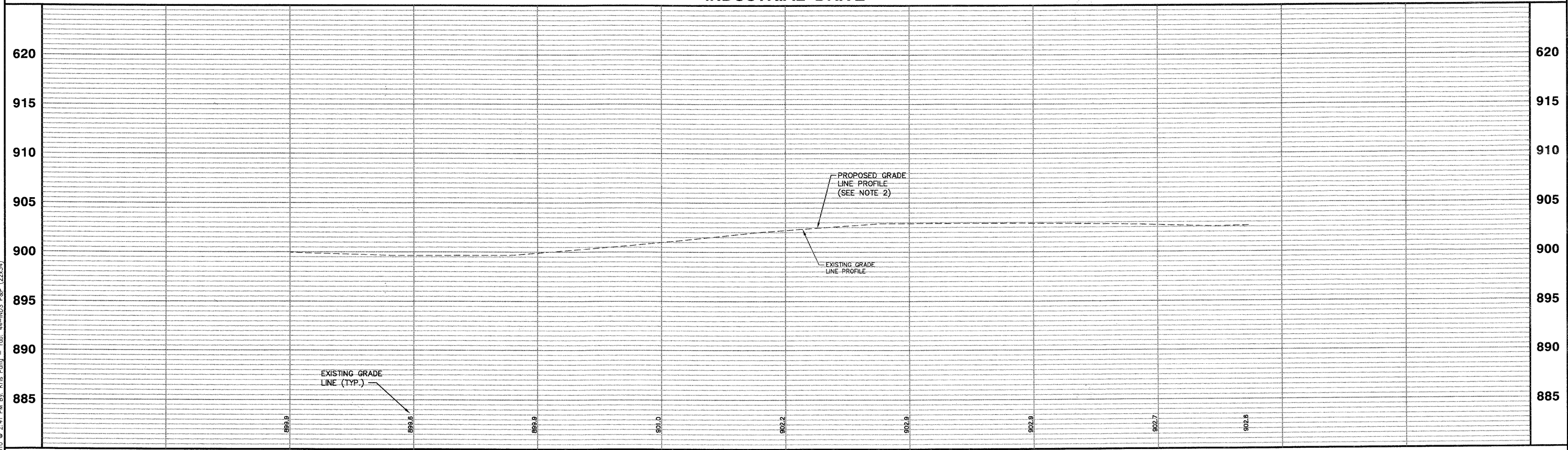
COPYRIGHT © 2010 ENGINEERING ENTERPRISES, INC. FILE NAME *FILEL*				USER NAME = *USER* DESIGNED - JAM, SWM DRAWN - KKP CHECKED - JAM DATE - 10/16/09				REVISED - 12/02/09 REVISED - 01/22/10 REVISED - 02/03/10 REVISED -				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				PROPOSED INDUSTRIAL DRIVE PLAN AND PROFILE				F.A. RTE. N/A		SECTION 06-00015-00-PV		COUNTY KANE		TOTAL SHEETS 97		SHEET NO. 43	
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												SCALE: 1"=20'				SHEET NO. 40 OF 92 SHEETS				STA. N/A TO STA. N/A									



- NOTES:
1. AREA REFLECTIVE CRACK CONTROL TO BE USED OVER ENTIRE AREA AFTER LEVELING BINDER HAS BEEN PLACED.
 2. PROPOSED GRADE LINE PROFILE 1" ABOVE EXISTING GRADE LINE PROFILE.
 3. CONTRACTOR SHALL TAPER LEVELING BINDER AT ALL DRIVEWAYS SO THAT PROPOSED PAVEMENT MATCHES EXISTING TOP OF DRIVEWAY.

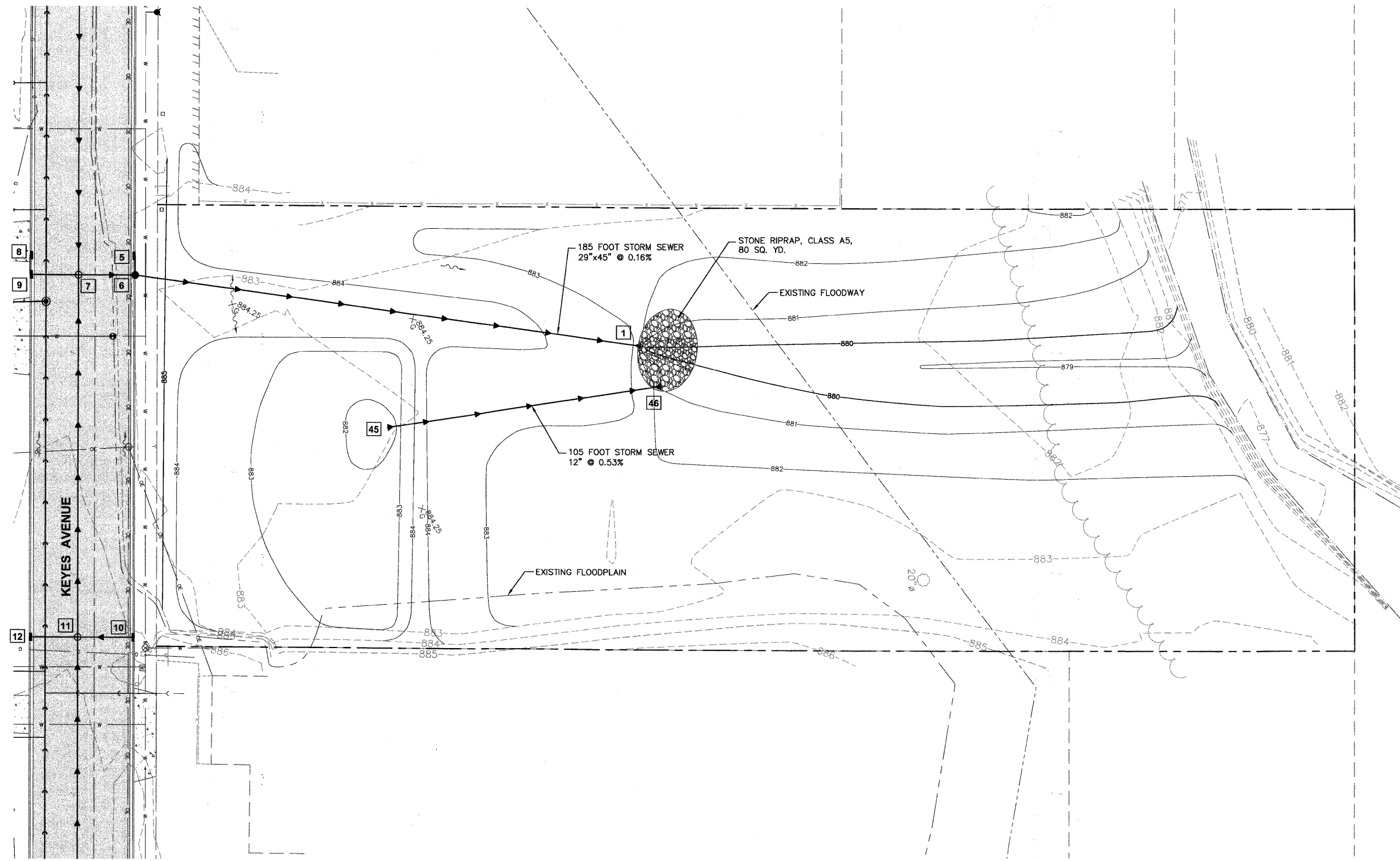
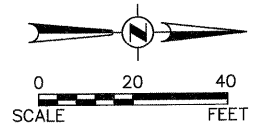
SCALE:
 HORIZONTAL 1" = 20'
 VERTICAL 1" = 5'

INDUSTRIAL DRIVE



Plotted: February 1, 2010 @ 2:41 PM By: Kris Pung - Tab: 44-INDS P&P (22x34)
 Path: \\S:\KORVA\H0557\DWG\H0557\DWG_FINAL\ENG\H0557-PP.ROAD

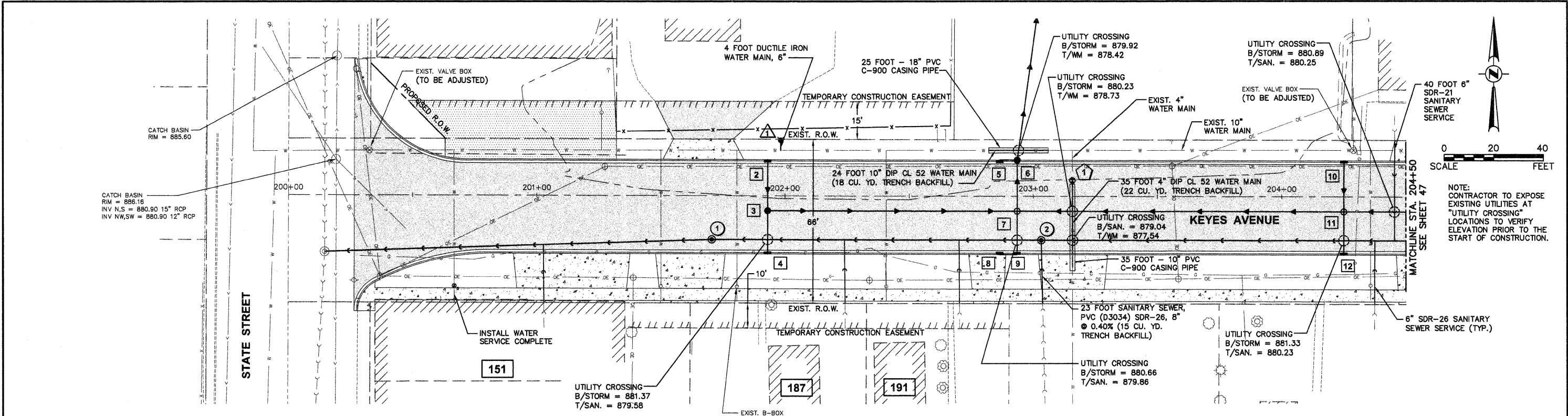
COPYRIGHT © 2010 ENGINEERING ENTERPRISES, INC.				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				PROPOSED INDUSTRIAL DRIVE PLAN AND PROFILE				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE NAME	USER NAME = #USER#	DESIGNED - JAM, SWM	REVISED - 12/02/09									N/A	06-00015-00-PV	KANE	97	44
#FILEL#		DRAWN - KKP	REVISED - 01/22/10	PROJECT NO. HPP-1468(004)				JOB NO. C-91-175-06				CONTRACT No. 63406				
	PLOT SCALE = #SCALE#	CHECKED - JAM	REVISED - 02/03/10	SCALE: 1"=20'				SHEET NO. 41 OF 92 SHEETS				STA. N/A TO STA. N/A				
	PLOT DATE = #DATE#	DATE - 10/16/09	REVISED -	FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT												



STORM SEWER STRUCTURE SCHEDULE														STORM SEWER DRAINAGE SCHEDULE													
STR.	STATION	OFFSET	LT./RT.	C.B. TY. A, 5', TY. 11 F&G	C.B. TY. A, 7', TY. 1 CLOSED LID	PRC. REIN. CON. F.E.S., 12"	PRC. REIN. CON. F.E.S., ELLIPTICAL - EQUIV. ROUND SIZE 36"	FLAP GATE	STONE RIPRAP CLASS A5			STRUCTURE INVERTS				T/C ELEV. (RIM ELEV. IF NO T/C)	PIPE #	D.S. STR.	U.S. STR.	PIPE DIA. (IN)	LENGTH (FOOT)	SLOPE (%)	TRENCH BACKFILL (CY)	S.S. CL. A TY. 1, 12"		S.S. CL. A TY. 1, EQUIV. 36"	
									LENGTH (FT)	WIDTH (FT)	AREA (SY)	N	S	E	W									(FOOT)	(FOOT)		
1	203+18	197.50	LT.				1		24	4.5	80		880.00						29 x 45	184	0.16%	0.4					
6	202+94	14.50	LT.	1								880.30	880.30	881.03	885.40	STM 6	1	6	12	105	0.48%	0.0	105		184		
45	203+48	106.01	LT.			1							881.50			STM 45	45	46									
46	203+33	204.82	LT.					1				881.00										0	105		184		
TOTALS				1	0	1	1	1			80											0	105		184		

Plotted: February 1, 2010 @ 2:19 PM By: Kie Pung - Tab: 45-KEYES NORTH LOT (22x34)
 Copyright © 2010 ENGINEERING ENTERPRISES, INC.
 STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROJECT NO. HPP-1468(004) JOB NO. C-91-175-06
 SHEET NO. 42 OF 92 SHEETS STA. N/A TO STA. N/A
 FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT

FILE NAME #FILE#	USER NAME = #USER# DESIGNED - JAM, SWM DRAWN - KKP CHECKED - JAM DATE - 10/16/09	REVISED - 12/02/09 REVISED - 01/22/10 REVISED - 02/03/10 REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	KEYES AVENUE - PROPOSED NORTH LOT IMPROVEMENTS PROJECT NO. HPP-1468(004) JOB NO. C-91-175-06 SHEET NO. 42 OF 92 SHEETS STA. N/A TO STA. N/A	F.A. RTE. N/A	SECTION 06-00015-00-PV	COUNTY KANE	TOTAL SHEETS 97	SHEET NO. 45	CONTRACT NO. 63406
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STR.	STATION	OFFSET	LT./RT.	INLET TY. A, TY. 11 F&G	INLET TY. B, TY. 11, F&G	MH. TY. A, 5', TY. 11 CLOSED LID	MH. TY. A, 7', TY. 1 CLOSED LID	C.B. TY. A, 4', TY. 1 CLOSED LID	C.B. TY. A, 5', TY. 11 F&G	STRUCTURE INVERTS				T/C ELEV. (RIM ELEV. IF NO T/C)	
										N	S	E	W		
2	201+93	14.50	LT.	EACH	EACH									885.81	
3	201+93	6.00	RT.											885.51	
4	201+93	23.50	RT.											885.63	
5	202+87	14.50	LT.	1										885.40	
6	202+94	14.50	LT.											885.40	
7	202+94	6.00	RT.											885.10	
8	202+87	23.50	RT.	1										885.22	
9	202+94	23.50	RT.											885.22	
10	204+25	14.50	LT.											886.33	
11	204+25	6.00	RT.											886.03	
12	204+25	23.50	RT.											886.15	
TOTALS				2	4	1	1	1	1	1					

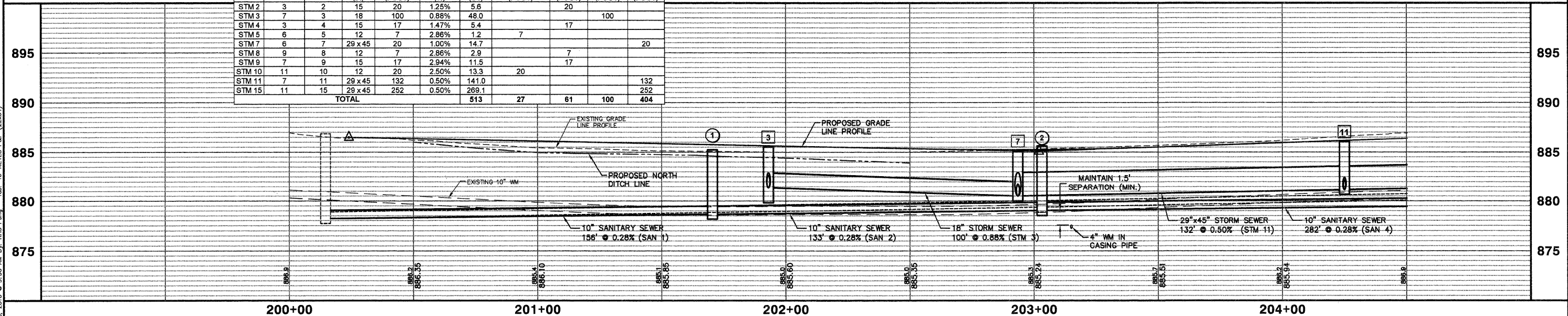
STR.	STATION	OFFSET	LT./RT.	FIRE HYDRANT ASSEMBLY COMPLETE	BURY ELEV.
1	201+98	22.1	LT.	1	889.40
TOTALS					1

STR.	STATION	OFFSET	LT./RT.	4" GATE VALVE IN V. BOX (EACH)	RIM ELEV.
1	203+16	6.5	LT.	1	885.14
TOTALS					1

STR.	STATION	OFFSET	LT/RT	SAN MH TY. A 4' DIA. TY. 1 FR CL	STRUCTURE INVERTS				RIM ELEV.
					N	S	E	W	
1	201+71	17.7	RT.	1					878.65
2	203+03	17.7	RT.	1					879.03
TOTALS					2				879.03

PIPE #	D.S. STR.	U.S. STR.	LENGTH (FT)	SLOPE (%)	TRENCH BACKFILL (CY)	8"	10"	10"
						SDR-26 (FOOT)	SDR-26 (FOOT)	SDR-21 (FOOT)
SAN 1	Ex MH	1	156	0.28	285.1			
SAN 2	1	2	133	0.28	225.7			133
SAN 3	2	-	23	0.40	16.2	23		
SAN 4	2	3	282	0.28	551.5			282
TOTAL						1,079	23	415

PIPE #	D.S. STR.	U.S. STR.	PIPE DIA. (IN)	LENGTH (FOOT)	SLOPE (%)	TRENCH BACKFILL (CY)	S.S. CL. A TY. 1, 12"	S.S. CL. A TY. 1, 15"	S.S. CL. A TY. 1, 18"	S.S. CL. A TY. 1, EQUIV. 36"					
							(FOOT)	(FOOT)	(FOOT)	(FOOT)					
STM 2	3	2	15	20	1.25%	5.6									
STM 3	7	3	18	100	0.88%	48.0			100						
STM 4	3	4	15	17	1.47%	5.4			17						
STM 5	6	5	12	7	2.86%	1.2	7								
STM 7	6	7	29x45	20	1.00%	14.7				20					
STM 8	9	8	12	7	2.86%	2.9			7						
STM 9	7	9	15	17	2.94%	11.5			17						
STM 10	11	10	12	20	2.50%	13.3	20								
STM 11	7	11	29x45	132	0.50%	141.0				132					
STM 15	11	15	29x45	252	0.50%	269.1				252					
TOTAL											513	27	61	100	404



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 FILE NAME: USER NAME = #USER#
 DESIGNED - JAM, SWM
 REVISIONS: 12/02/09, 01/22/10, 02/03/10
 DRAWN - KKP
 CHECKED - JAM
 DATE - 10/16/09
 PLOT SCALE = #SCALE#
 PLOT DATE = #DATE#

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

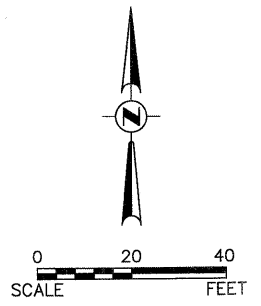
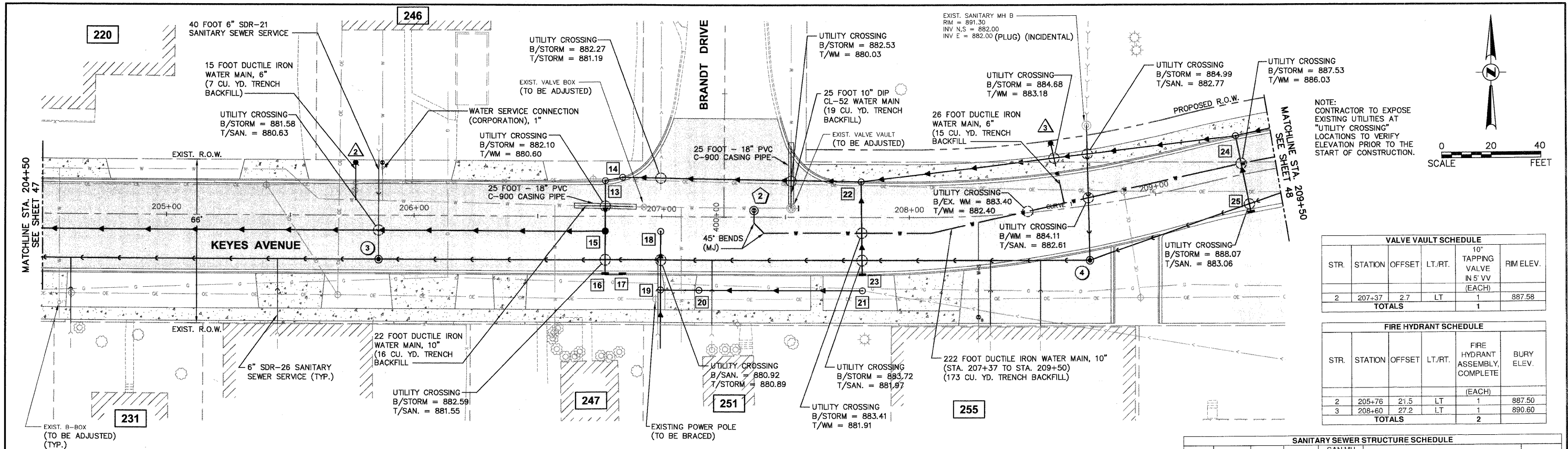
KEYES AVENUE DRAINAGE AND UTILITIES SHEET

PROJECT NO. HPP-1468(004) JOB NO. C-91-175-06
 SCALE: 1"=20' SHEET NO. 43 OF 92 SHEETS STA. N/A TO STA. N/A

F.A. - RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
 N/A 06-00015-00-PV KANE 97 46
 CONTRACT NO. 63406
 FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT

Plotted: February 8, 2010 @ 9:30 AM By: Kris Pung - Tab: 46-KEYES P&P (2/23/10)

Path: S:\SPROJ\NAGEB7\DWG\NAGEB7.DWG FINAL ENG\NAGEB7-PP UTILITY



NOTE:
CONTRACTOR TO EXPOSE
EXISTING UTILITIES AT
"UTILITY CROSSING"
LOCATIONS PRIOR TO THE
START OF CONSTRUCTION.

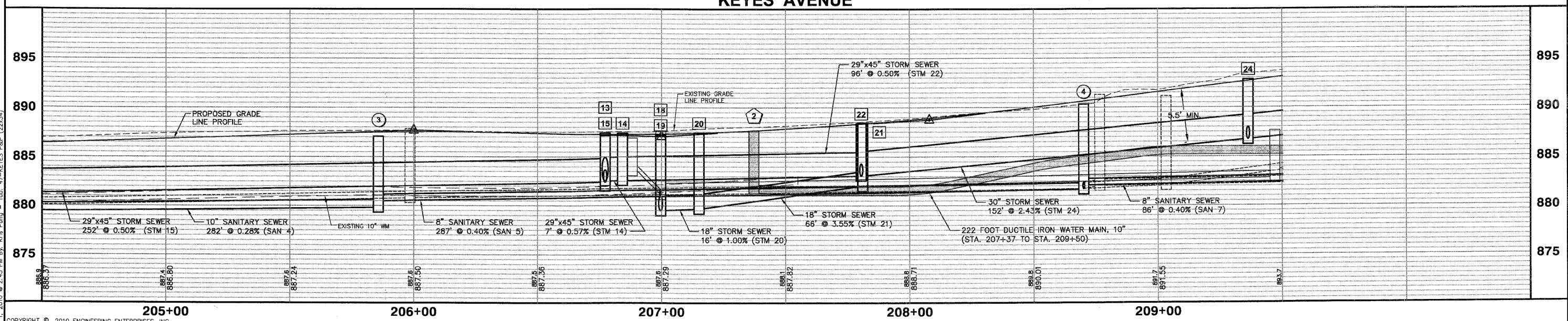
STORM SEWER STRUCTURE SCHEDULE																		
STR.	STATION	OFFSET	LT./RT.	INLET TY. A, TY. 11 F&G	INLET TY. A, TY. 11V, F&G	INLET TY. B, TY. 11, F&G	MH. TY. A, 4', TY. 11V, F&G	MH. TY. A, 4', TY. 1, CLOSED LID	MH. TY. A, 5', TY. 1, CLOSED LID	MH. TY. A, 5', TY. 11, F&G	MH. TY. A, 5', TY. 11V, F&G	MH. TY. A, 7', TY. 11, F&G	C.B. TY. A, 7', TY. 1, CLOSED LID	STRUCTURE INVERTS				T/C ELEV. (RIM ELEV. IF NO T/C)
														N	S	E	W	
13	206+77	14.53	LT.	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH					887.40
14	206+84	15.92	LT.															887.43
15	206+77	6.00	RT.															887.14
16	206+77	23.50	RT.															887.25
17	206+84	23.50	RT.	1		1												887.25
18	207+00	6.00	RT.															887.18
19	207+00	29.50	RT.															887.10
20	207+15	29.50	RT.															887.40
21	207+81	29.50	RT.															888.40
22	207+81	14.50	LT.															888.52
23	207+81	23.45	RT.															888.34
24	209+36	16.00	LT.															892.82
25	209+36	16.00	RT.															892.81
TOTALS				1	2	1	1	3	1	1	1	1	1					

STORM SEWER DRAINAGE SCHEDULE															
PIPE #	D.S. STR.	U.S. STR.	PIPE DIA.	LENGTH	SLOPE	TRENCH BACKFILL	S.S. CL. A TY. 1, 15"	S.S. R.G. CL. A TY. 1, 15"	S.S. CL. A TY. 1, 18"	S.S. CL. A TY. 1, 30"	S.S. CL. A TY. 1, EQUIV. 36"	STRUCTURE INVERTS		RIME ELEV.	
			(IN)	(FOOT)	(%)	(CY)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	N	S	E	W
STM 13	15	13	29 x 45	21	0.52%	18.9					21				
STM 14	13	14	29 x 45	7	0.57%	5.9					7				
STM 16	15	16	15	17	3.00%	11.6	17								
STM 17	16	17	15	7	2.86%	2.6	7								
STM 19	18	19	18	23	0.09%	29.8			23						
STM 20	19	20	18	16	1.00%	20.5			16						
STM 21	20	21	18	66	3.55%	71.4			66						
STM 22	14	22	29 x 45	96	0.50%	81.2					96				
STM 23	22	23	15	38	2.61%	26.2		38							
STM 24	22	24	30	152	2.43%	140.1				152					
STM 25	24	25	15	32	3.00%	20.6		32							
STM 26	24	26	30	79	2.43%	79.6				79					
TOTAL						509	24	70	105	231	124				

SANITARY SEWER STRUCTURE SCHEDULE									
STR.	STATION	OFFSET	LT./RT.	SAN MH TY. A 4' DIA. TY. 1 F, CL EACH	STRUCTURE INVERTS				RIME ELEV.
					N	S	E	W	
3	205+86	17.7	RT	1	879.98 (6")		880.49	879.81	887.06
4	208+70	22.0	RT	1	881.69		882.09	881.64	890.33
TOTALS				2					

SANITARY SEWER SCHEDULE									
PIPE #	D.S. STR.	U.S. STR.	LENGTH	SLOPE	TRENCH BACKFILL	8" SDR-26		8" SDR-21	
						(CY)	(FOOT)	(CY)	(FOOT)
SAN 5	3	4	287	0.40	569.1				287
SAN 6	4	Ex MHB	35	0.89	39.3			35	
SAN 7	4	5	86	0.40	102.2			86	
TOTAL					711	121		287	

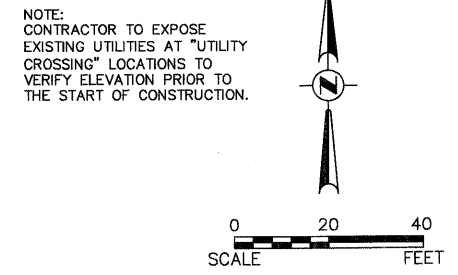
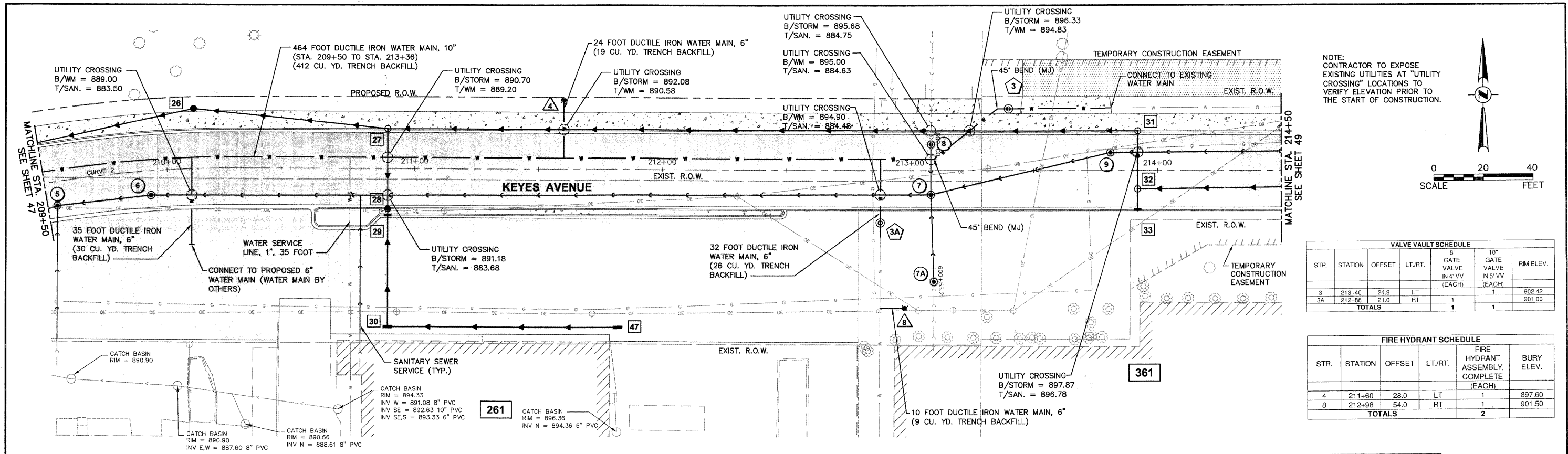
SCALE:
HORIZONTAL 1" = 20'
VERTICAL 1" = 5'



FILE NAME #FILE#				USER NAME = #USER#				DESIGNED - JAM, SWM DRAWN - KKP				REVISED - 12/02/09 REVISED - 01/22/10				CHECKED - JAM DATE - 10/16/09				REVISED - 02/03/10 REVISED -															
PLOT SCALE = #SCALE#				PLOT DATE = #DATE#				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				KEYES AVENUE DRAINAGE AND UTILITIES SHEET				PROJECT NO. HPP-1468(004) SHEET NO. 44 OF 92 SHEETS				JOB NO. C-91-175-06 STA. N/A TO STA. N/A				COUNTY KANE				TOTAL SHEETS 97				SHEET NO. 47			
SCALE: 1/2"=20'																FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT																			

Plotted: February 1, 2010 @ 2:45 PM By: Kie Pung - Tab: 47-KEYES P&P (22,34)
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Path: H:\S\SKR\00\H0557\DWG\H0557\00\KEYES\KEYES-PP-UTILITY



NOTE: CONTRACTOR TO EXPOSE EXISTING UTILITIES AT "UTILITY CROSSING" LOCATIONS TO VERIFY ELEVATION PRIOR TO THE START OF CONSTRUCTION.

STR.	STATION	OFFSET	LT./RT.	8" GATE VALVE IN 4' VV (EACH)	10" GATE VALVE IN 5' VV (EACH)	RIM ELEV.
3	213+40	24.9	LT	1	1	902.42
3A	212+88	21.0	RT	1	1	901.00
TOTALS						

STR.	STATION	OFFSET	LT./RT.	FIRE HYDRANT ASSEMBLY, COMPLETE (EACH)	BURY ELEV.
4	211+60	28.0	LT	1	897.60
8	212+98	54.0	RT	1	901.50
TOTALS					

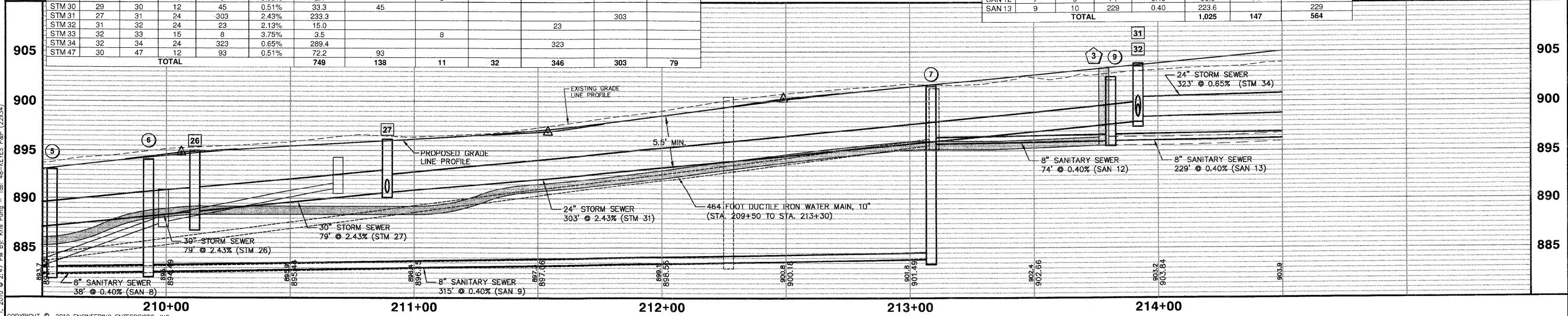
STR.	STATION	OFFSET	LT./RT.	INLET TY. A, TY. 11 F&G	INLET TY. A, TY. 11V, F&G	INLET TY. A, TY. 1 CLOSED LID	INLET TY. B, TY. 1, CLOSED LID	MH. TY. A, 4', TY. 11V F&G	MH. TY. A, 4', TY. 1 CLOSED LID	C.B. TY. A, 4', TY. 11V F&G	C.B. TY. A, 4', TY. 1 CLOSED LID	STRUCTURE INVERTS				T/C ELEV. (RIM ELEV. IF NO T/C)				
												N	S	E	W					
26	210+11	24.13	LT.	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	1					894.99			
27	210+89	16.00	LT.					1					890.58	890.58	890.58	890.58		896.15		
28	210+89	16.00	RT.							1			891.54	891.54	891.54		896.15			
29	210+89	18.00	RT.	1									891.70	891.70			896.35			
30	210+89	63.74	RT.														896.86			
31	213+92	16.00	LT.					1					891.93				896.86			
32	213+92	7.25	RT.										897.94	897.94	897.94		903.81			
33	213+92	16.00	RT.										898.43	899.07	898.43		903.52			
39	213+92	16.00	RT.										899.37				903.81			
47	211+81	63.74	RT.														897.90			
TOTALS													1	1	1	1	2	1	1	

STR.	STATION	OFFSET	LT/RT	SAN MH TY. A 4' DIA. TY. 1 F. CL	SAN MH TY. A 5' DIA. TY. 1 F. CL	STRUCTURE INVERTS			RIM ELEV.
						N	S	E	
5	209+54	9.50	RT	1		883.27 (6")	882.44	882.44	893.10
6	209+93	9.50	RT	1		883.27 (6")	882.60	882.60	894.11
7	213+09	9.50	RT	1	1	883.86	895.45	895.67	901.52
7A	213+11	45.0	RT	1		895.60	896.05		901.30
8	213+09	10.5	LT	1		883.94	883.94		901.48
9	213+81	7.25	LT	1			895.97	895.97	903.18
TOTALS				5	1				

PIPE #	D.S. STR.	U.S. STR.	PIPE DIA. (IN)	LENGTH (FOOT)	SLOPE (%)	TRENCH BACKFILL (CY)	S.S. CL. B TY. 1, 12" (SDR-26)	S.S. CL. A TY. 1, 15" (FOOT)	S.S. R.G. CL. A TY. 1, 18" (FOOT)	S.S. CL. A TY. 1, 24" (FOOT)	S.S. R.G. CL. A TY. 1, 24" (FOOT)	S.S. CL. A TY. 1, 30" (FOOT)	
STM 27	26	27	30	79	2.43%	74.1						79	
STM 28	27	28	18	32	3.00%	25.8							
STM 29	28	29	15	3	5.33%	2.4			3	32			
STM 30	29	30	12	45	0.51%	33.3	45						
STM 31	27	31	24	303	2.43%	233.3					303		
STM 32	31	32	24	23	2.13%	15.0			23				
STM 33	32	33	15	8	3.75%	3.5			8				
STM 34	32	34	24	323	0.65%	289.4			323				
STM 47	30	47	12	93	0.51%	72.2	93						
TOTAL							749	138	11	32	346	303	79

PIPE #	D.S. STR.	U.S. STR.	LENGTH (FT)	SLOPE (%)	TRENCH BACKFILL (CY)	8" SDR-26 (FOOT)	8" SDR-21 (FOOT)
SAN 8	5	6	38	0.40	58.2	38	
SAN 9	6	7	315	0.40	616.0		315
SAN 10	7	8	20	0.40	47.0		20
SAN 11	7	7A	35	0.43	24.2		35
SAN 12	7	9	74	0.40	56.0		74
SAN 13	9	10	229	0.40	223.6		229
TOTAL					1,025	147	564

SCALE:
HORIZONTAL 1" = 20'
VERTICAL 1" = 5'

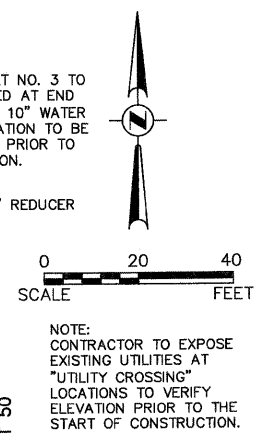
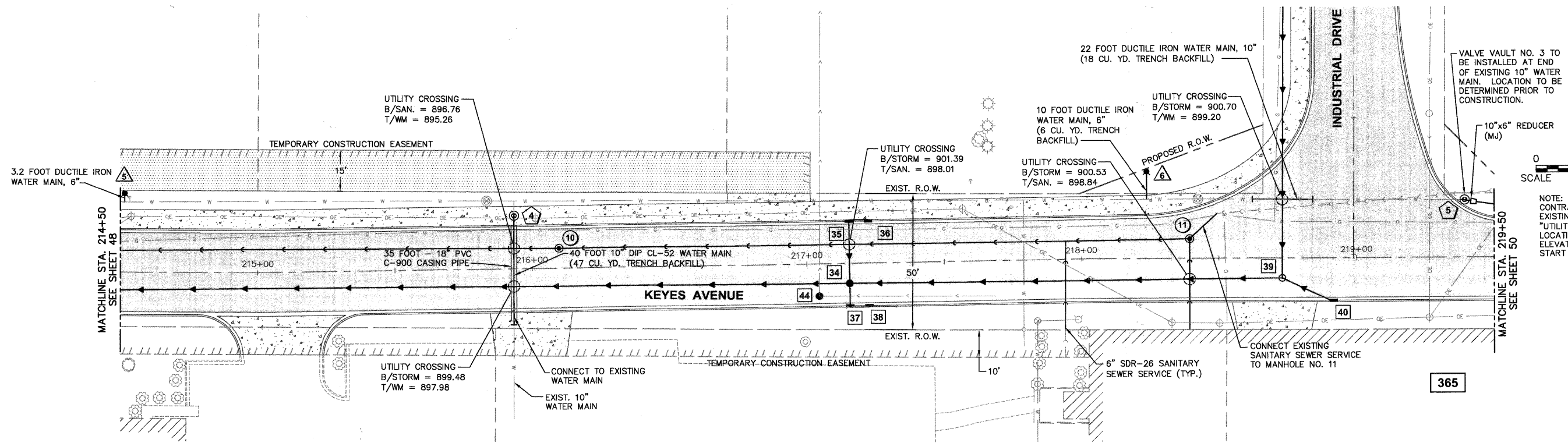


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FILE NAME	USER NAME = #USER#	DESIGNED - JAM, SWM	REVISED - 12/02/09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	KEYES AVENUE DRAINAGE AND UTILITIES SHEET	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - KKP	REVISED - 01/22/10			N/A	06-00015-00-PV	KANE	97	48	
PLOT SCALE = #SCALE#		CHECKED - JAM	REVISED - 02/03/10			PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06	CONTRACT NO. 63406			
PLOT DATE = #DATE#		DATE - 10/16/09	REVISED -			SCALE: 1"=20'	SHEET NO. 45 OF 92 SHEETS	STA. N/A	TO STA. N/A	FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT	

Plotted: February 1, 2010 @ 2:47 PM By: Kfir Puna - Job: 48-KEYES P&P (22x34)

Path: \\S:\KPROVA\H0567\DWG\H0567\DWG\FINAL\ENG\H0567-PP-UTILITY



STORM SEWER STRUCTURE SCHEDULE												
STR.	STATION	OFFSET	LT./RT.	INLET TY. A, TY. 11 F&G				STRUCTURE INVERTS				T/C ELEV. (RIM ELEV. IF NO T/C)
				EACH	EACH	EACH	EACH	N	S	E	W	
34	217+19	7.25	RT.					901.11	901.32	900.53	900.53	905.98
35	217+19	16.00	LT.	1				901.80	901.80			906.27
36	217+26	16.00	LT.	1						902.10		906.27
37	217+19	16.00	RT.			1		901.56		901.56		906.27
38	217+26	16.00	RT.	1						901.80		906.27
39	218+73	7.25	RT.				1	900.85			SE 902.23	906.86
40	218+73	14.50	RT.								NW 902.83	907.27
44	217+04	11.76	RT.				1	900.91	903.50	900.91		905.90
TOTALS				3	1	1	2					

SANITARY SEWER STRUCTURE SCHEDULE											
STR.	STATION	OFFSET	LT./RT.	SAN MH TY. A 4' DIA. TY. 1 F, CL		STRUCTURE INVERTS				RIM ELEV.	
				EACH	EACH	N	S	E	W		
10	216+10	7.25	LT	1							906.31
11	218+39	7.25	LT	1				898.00 (8')	898.00 (6')	897.81	906.52
TOTALS				2							

FIRE HYDRANT SCHEDULE					
STR.	STATION	OFFSET	LT./RT.	FIRE HYDRANT ASSEMBLY COMPLETE (EACH)	BURY ELEV.
5	214+51	29.0	LT	1	904.50
6	218+24	32.0	LT	1	906.55
TOTALS				2	

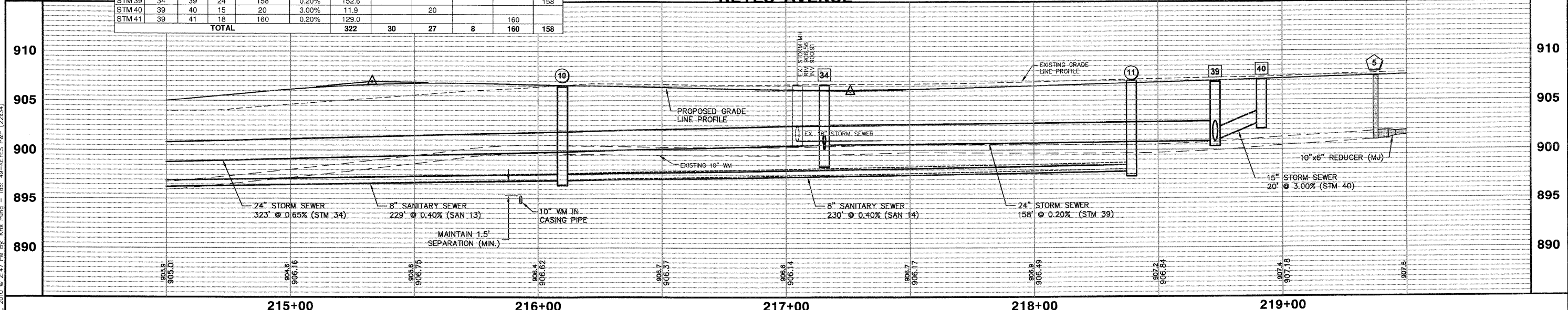
STORM SEWER DRAINAGE SCHEDULE											
PIPE #	D.S. STR.	U.S. STR.	PIPE DIA.	LENGTH	SLOPE	TRENCH BACKFILL	S.S. CL. A TY. 1, 12"	S.S. CL. A TY. 1, 15"	S.S. CL. A TY. 1, 18"	S.S. R.G., CL. A TY. 1, 18"	S.S. CL. A TY. 2, 24"
STM 35	34	35	12	23	3.00%	15.7	23				
STM 36	35	36	12	7	4.29%	2.5	7				
STM 37	34	37	18	8	3.00%	5.9		8			
STM 38	37	38	15	7	3.43%	4.8		7			
STM 39	34	39	24	158	0.20%	152.6					158
STM 40	39	40	15	20	3.00%	11.9		20			
STM 41	39	41	18	160	0.20%	129.0			160		
TOTAL				322	30	27	8	160	158		

SANITARY SEWER SCHEDULE							
PIPE #	D.S. STR.	U.S. STR.	LENGTH	SLOPE	TRENCH BACKFILL	8" SDR-26	
SAN 14	10	11	230	0.40	274.4	230	
TOTAL						274	230

VALVE VAULT SCHEDULE					
STR.	STATION	OFFSET	LT./RT.	10" GATE VALVE IN 5' VV (EACH)	RIM ELEV.
5	219+39	21.3	LT	1	907.45
TOTALS				1	

SCALE:
HORIZONTAL 1" = 20'
VERTICAL 1" = 5'

KEYES AVENUE



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FILE NAME
#FILE#

USER NAME = #USER#	DESIGNED - JAM, SWM	REVISD - 12/02/09
PLOT SCALE = #SCALE#	DRAWN - KKP	REVISD - 01/22/10
PLOT DATE = #DATE#	CHECKED - JAM	REVISD - 02/03/10
	DATE - 10/16/09	REVISD -

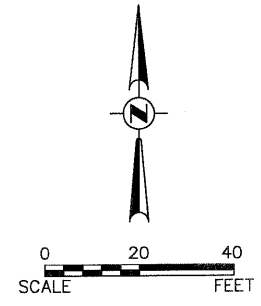
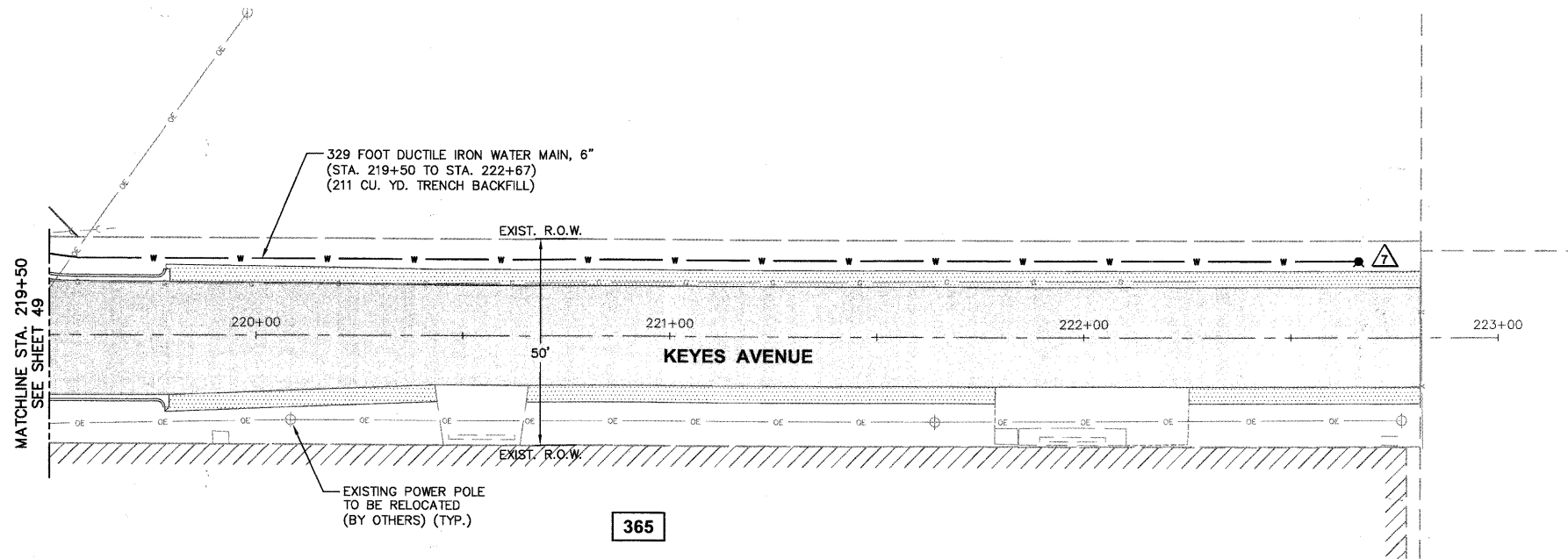
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEYES AVENUE DRAINAGE AND UTILITIES SHEET
PROJECT NO. HPP-1468(004) JOB NO. C-91-175-06
SCALE: 1"=20' SHEET NO. 46 OF 92 SHEETS STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	49
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63406	

Plotted: February 1, 2010 @ 2:47 PM By: Kite Puno - Tab: 49-KEYES P&F (22x34)

Path: V:\SRP\04\0567\06\04028\DWG\FINAL\ENG\0567-PP-UTILITY

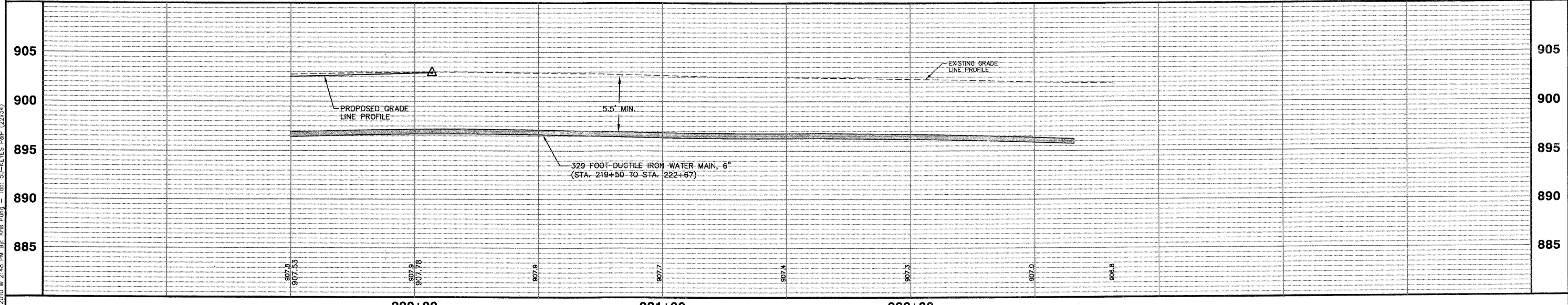


FIRE HYDRANT SCHEDULE					
STR.	STATION	OFFSET	LT./RT.	FIRE HYDRANT ASSEMBLY, COMPLETE (EACH)	BURY ELEV.
7	222+66	18.4	LT	1	906.80
TOTALS				1	

365

SCALE:
 HORIZONTAL 1" = 20'
 VERTICAL 1" = 5'

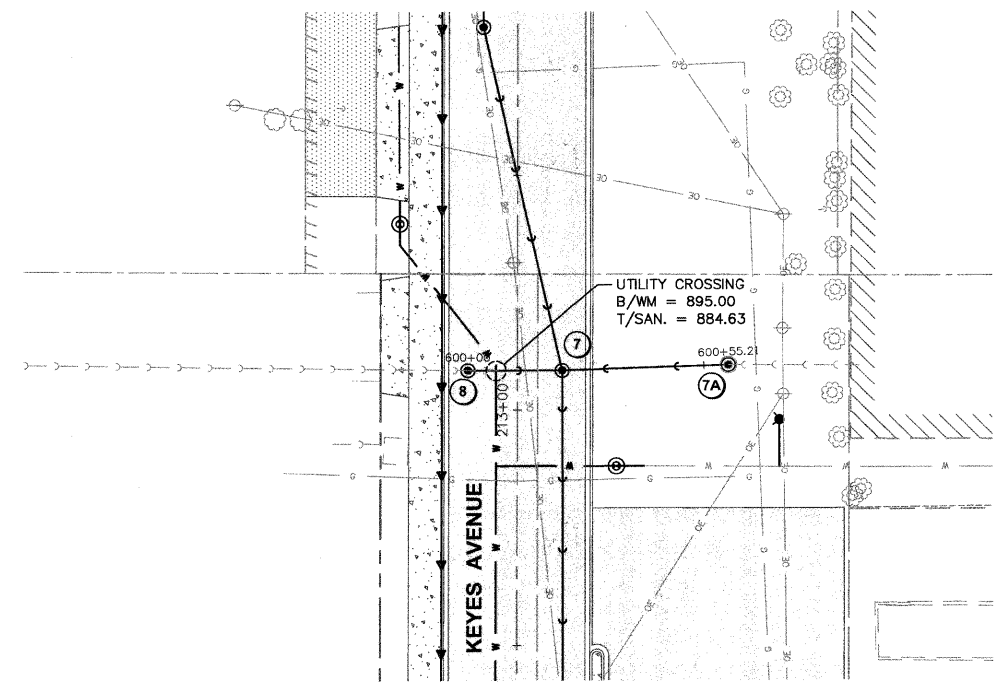
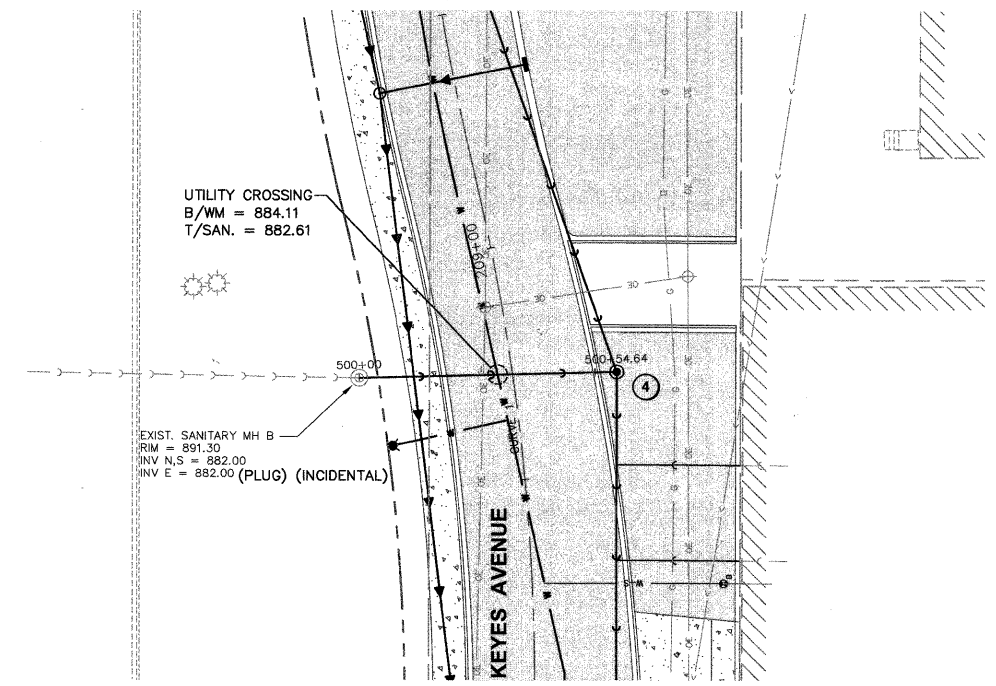
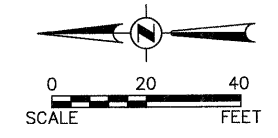
KEYES AVENUE



Plotted: February 1, 2010 @ 2:48 PM By: Kris Plump - Tab: 50-KEYES P&P (22,334)

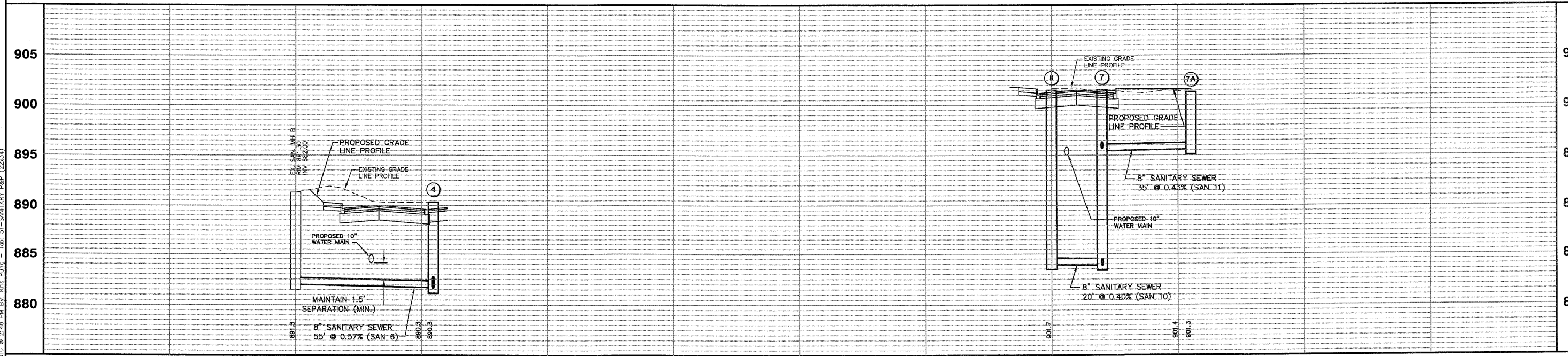
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COPYRIGHT © 2010 ENGINEERING ENTERPRISES, INC.				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		KEYES AVENUE DRAINAGE AND UTILITIES SHEET		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE NAME	USER NAME = #USER#	DESIGNED - JAM, SWM	REVISED - 12/02/09					N/A	06-00015-00-PV	KANE	97	50
#FILE#	PLOT SCALE = #SCALE#	DRAWN - KKP	REVISED - 01/22/10	PROJECT NO. HPP-1468(004)		JOB NO. C-91-175-06		CONTRACT NO. 63406				
	PLOT DATE = #DATE#	CHECKED - JAM	REVISED - 02/03/10	SHEET NO. 47 OF 92 SHEETS		STA. N/A TO STA. N/A		FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				
		DATE - 10/16/09	REVISED -									



SANITARY SEWER STRUCTURE SCHEDULE										
STR.	STATION	OFFSET	LT/RT	SAN MH		STRUCTURE INVERTS				RIM ELEV.
				TY. A 4' DIA. TY. 1 F. CL	TY. A 5' DIA. TY. 1 F. CL	N	S	E	W	
4	208+70	22.0	RT	1		881.69		882.09	881.64	890.33
7	213+09	9.50	RT		1	883.86	895.45	895.67	883.86	901.52
7A	213+11	45.0	RT	1		895.80	896.05			901.30
8	213+09	10.5	LT	1		883.94	883.94			901.48
TOTALS				3	1					

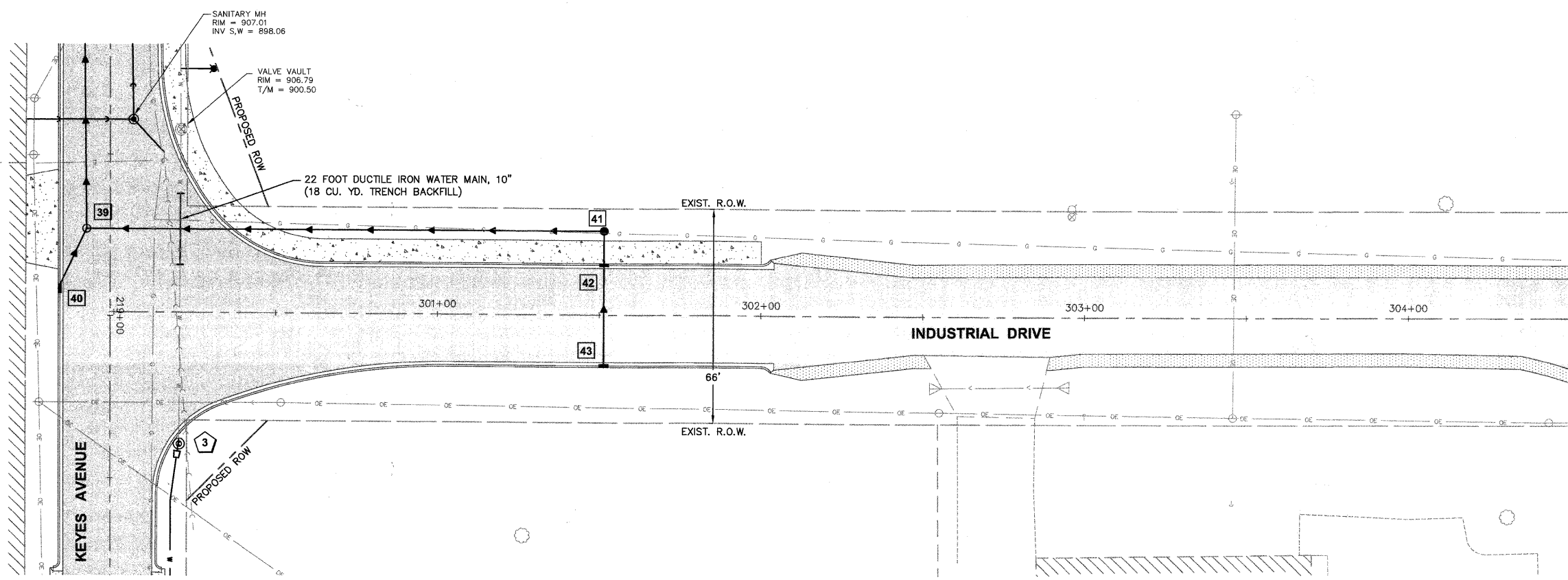
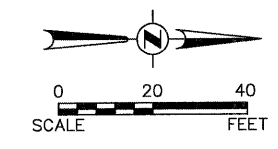
SANITARY SEWER SCHEDULE								
PIPE #	D.S. STR.	U.S. STR.	LENGTH (FT)	SLOPE (%)	TRENCH BACKFILL (CY)	8"		
						SDR-26 (FOOT)	SDR-21 (FOOT)	
SAN 6	4	Ex MHB	35	0.89	39.3	35		
SAN 10	7	8	20	0.40	47.0		20	
SAN 11	7	7A	35	0.43	24.2	35		
SAN 12	7	9	74	0.40	56.0	74		
TOTAL					166	144	20	



Plotted: February 1, 2010 @ 2:48 PM By: Kris Plump - Tab: 51 - SANITARY P&P (22,334)

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COPYRIGHT © 2010 ENGINEERING ENTERPRISES, INC.				STATE OF ILLINOIS				KEYES AVENUE DRAINAGE AND UTILITY SHEET		F.A. -- RTE. --		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
FILE NAME				DESIGNED - JAM, SWM				PROJECT NO. HPP-1468(004)				06-00015-00-PV		KANE		97		51	
#FILE#				DRAWN - KKP				JOB NO. C-91-175-06											
PLOT SCALE = #SCALE#				CHECKED - JAM				SHEET NO. 48 OF 92 SHEETS				STA. N/A		TO STA. N/A					
PLOT DATE = #DATE#				DATE - 10/16/09				SCALE: 1"=20'											
				REVISED - 12/02/09				FED. ROAD DIST. NO. - ILLINOIS											
				REVISED - 01/22/10															
				REVISED - 02/03/10															
				REVISED -															

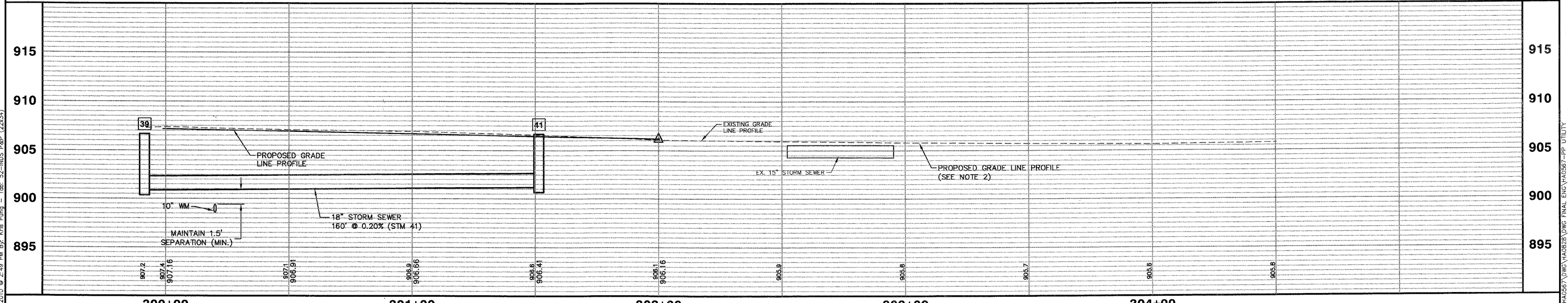


STORM SEWER STRUCTURE SCHEDULE											
STR.	STATION	OFFSET	LT./RT.	INLET TY. A, TY. 11V, F&G	C.B. TY. A, 4' TY. 1 CLOSED LID	STRUCTURE INVERTS				T/C ELEV. (RIM ELEV. IF NO T/C)	
						N	S	E	W		
41	301+51	26.00	LT.	EACH	EACH	1		901.17	901.17		906.37
42	301+51	16.00	LT.	1					901.50	901.50	906.57
43	301+51	16.00	RT.	1						902.43	906.57
TOTALS				2	1						

STORM SEWER DRAINAGE SCHEDULE							
PIPE #	D.S. STR.	U.S. STR.	PIPE DIA. (IN)	LENGTH (FOOT)	SLOPE (%)	TRENCH BACKFIL L	S.S. CL. A TY. 1, 12"
STM 42	41	42	12	11	3.00%	7.3	11
STM 43	42	43	12	31	3.00%	11.8	31
TOTAL						19	42

SCALE:
HORIZONTAL 1" = 20'
VERTICAL 1" = 5'

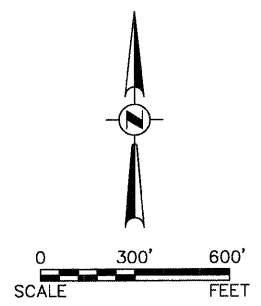
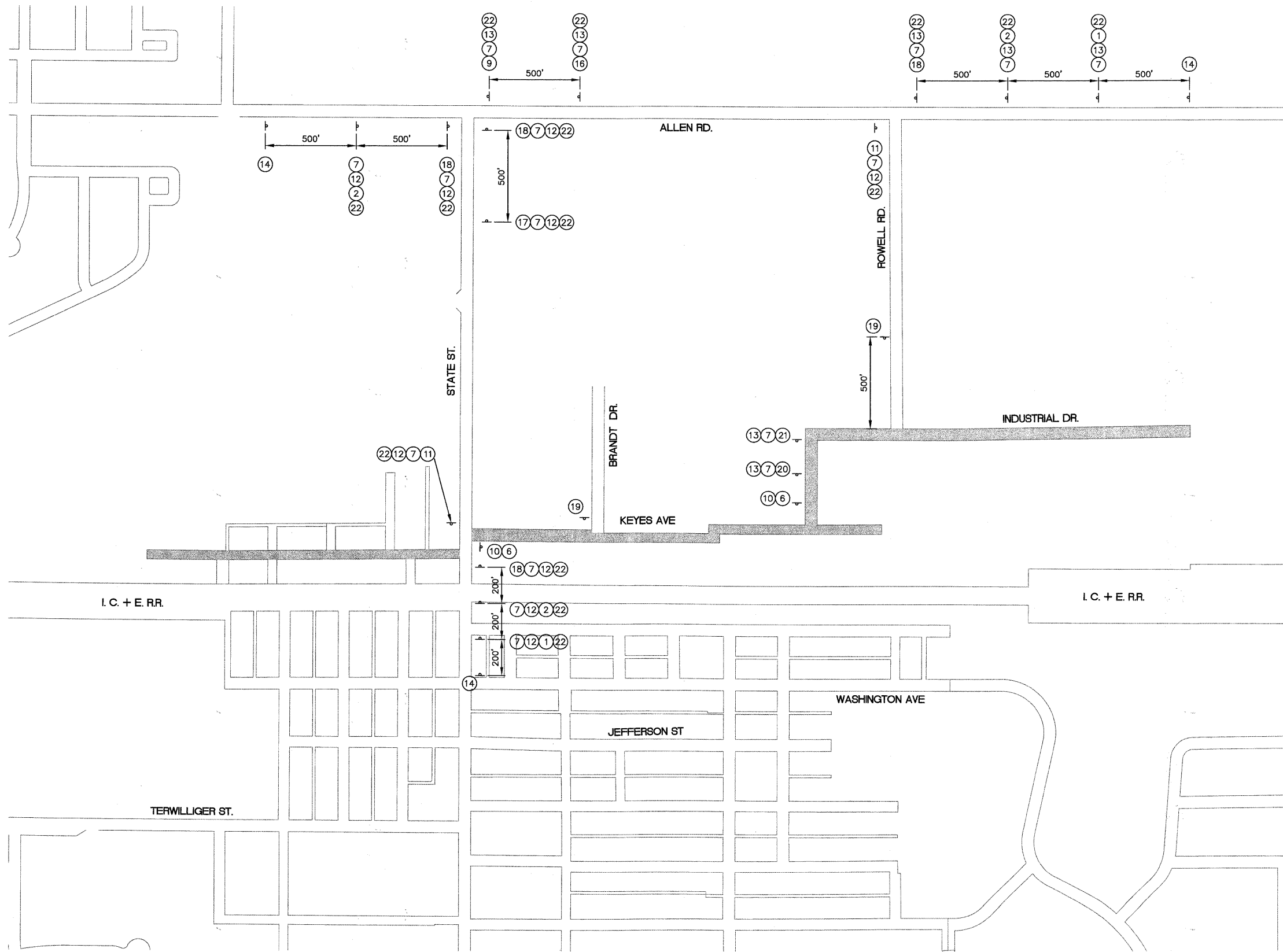
INDUSTRIAL DRIVE



Plotted: February 1, 2010 @ 2:49 PM By: Kris Pung - Tab: 52-INDS P&P (22x34)

P:\06-00015-00-PV\INDS\INDS_P&P\INDS_P&P_06-00015-00-PV_UTILITY

COPYRIGHT © 2010 ENGINEERING ENTERPRISES, INC.		DESIGNED - JAM, SWM		REVISED - 12/02/09		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		INDUSTRIAL DRIVE DRAINAGE AND UTILITIES SHEET		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE NAME	USER NAME = #USER#	DRAWN - KKP	REVISED - 01/22/10	N/A	06-00015-00-PV					KANE	97	52		
#FILE#	PLOT SCALE = #SCALE#	CHECKED - JAM	REVISED - 02/03/10	CONTRACT NO. 63406										
	PLOT DATE = #DATE#	DATE - 10/16/09	REVISED -	FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT										
		DATE - 10/16/09		REVISED -		PROJECT NO. HPP-1468(004)		JOB NO. C-91-175-06		SCALE: 1"=20' SHEET NO. 49 OF 92 SHEETS STA. N/A TO STA. N/A				



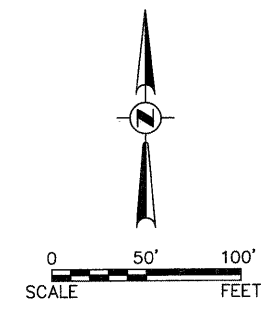
DETOUR SIGN LEGEND

- ① ROAD CLOSED AHEAD (W20-3 48"x48")
- ② DETOUR AHEAD (W20-3 48"x48")
- ③ ROAD CLOSED (R11-2 48"x30")
- ④ M4-10 L (M4-10 L)
- ⑤ M4-10 R (M4-10 R 48"x18")
- ⑥ TYPE III BARRICADE W/ FLASHING WARNING LIGHTS
- ⑦ KEYES AVENUE
- ⑧ M4-9 R (M4-9 R)
- ⑨ M4-9 L (M4-9 L 30"x24")
- ⑩ ROAD CLOSED LOCAL TRAFFIC ONLY (60"x30")
- ⑪ END DETOUR (M4-8a 24"x18")
- ⑫ EAST
- ⑬ WEST
- ⑭ CHANGEABLE MESSAGE SIGN
- ⑮ DETOUR (left turn)
- ⑯ DETOUR (right turn)
- ⑰ DETOUR (up arrow)
- ⑱ ROAD CONSTRUCTION AHEAD (W20-1 48"x48")
- ⑲ ROAD CLOSED 500 FT (W20-3 36"x36")
- ⑳ ROAD CLOSED 1000 FT (W20-3 36"x36")
- ㉑ TRUCK (W20-3 36"x36")
- ㉒





Plotted: February 1, 2010 @ 2:17 PM By: Kris Pung - Tab: 53--DETOUR (22x34)
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FILE NAME #FILE#	USER NAME = #USER#	DESIGNED - JAM, SWM	REVISED - 12/02/09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC DETOUR PLAN		F.A. -- RTE. N/A	SECTION 06-00015-00-PV	COUNTY KANE	TOTAL SHEETS 97	SHEET NO. 53	
PLOT SCALE = #SCALE#	DRAWN - KKP	CHECKED - JAM	REVISED - 01/22/10		SCALE: 1"=50'	PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT		CONTRACT NO. 63406		
PLOT DATE = #DATE#	DATE - 10/16/09	REVISIONS	REVISIONS - 02/03/10		SHEET NO. 16 OF 92 SHEETS	STA. N/A	TO STA. N/A					
					REVISIONS -							

Path: \\SUSPRO\HAG657\DWG\HAG657.DWG FINAL ENG\HAG657-DETOUR



LEGEND

-  STAGE 1A
-  STAGE 1B
-  STAGE 1C
-  SIGN

ALL STAGES

1. "WORKERS" SIGN SHALL BE DISPLAYED WHEN WORKERS PRESENT.
2. ON-GOING MAINTENANCE OF SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE PROVIDED DURING ALL STAGES OF CONSTRUCTION.
3. LOCAL TRAFFIC TO BE ALLOWED THROUGH CONSTRUCTION ZONES TO ALLOW ACCESS TO RESIDENCES AND LOCAL BUSINESSES.
4. ACCESS TO DRIVEWAYS AND LOADING DOCKS TO BE PROVIDED WITH MINIMAL DISRUPTION.

STAGING AND TRAFFIC CONTROL -- STAGE 1A

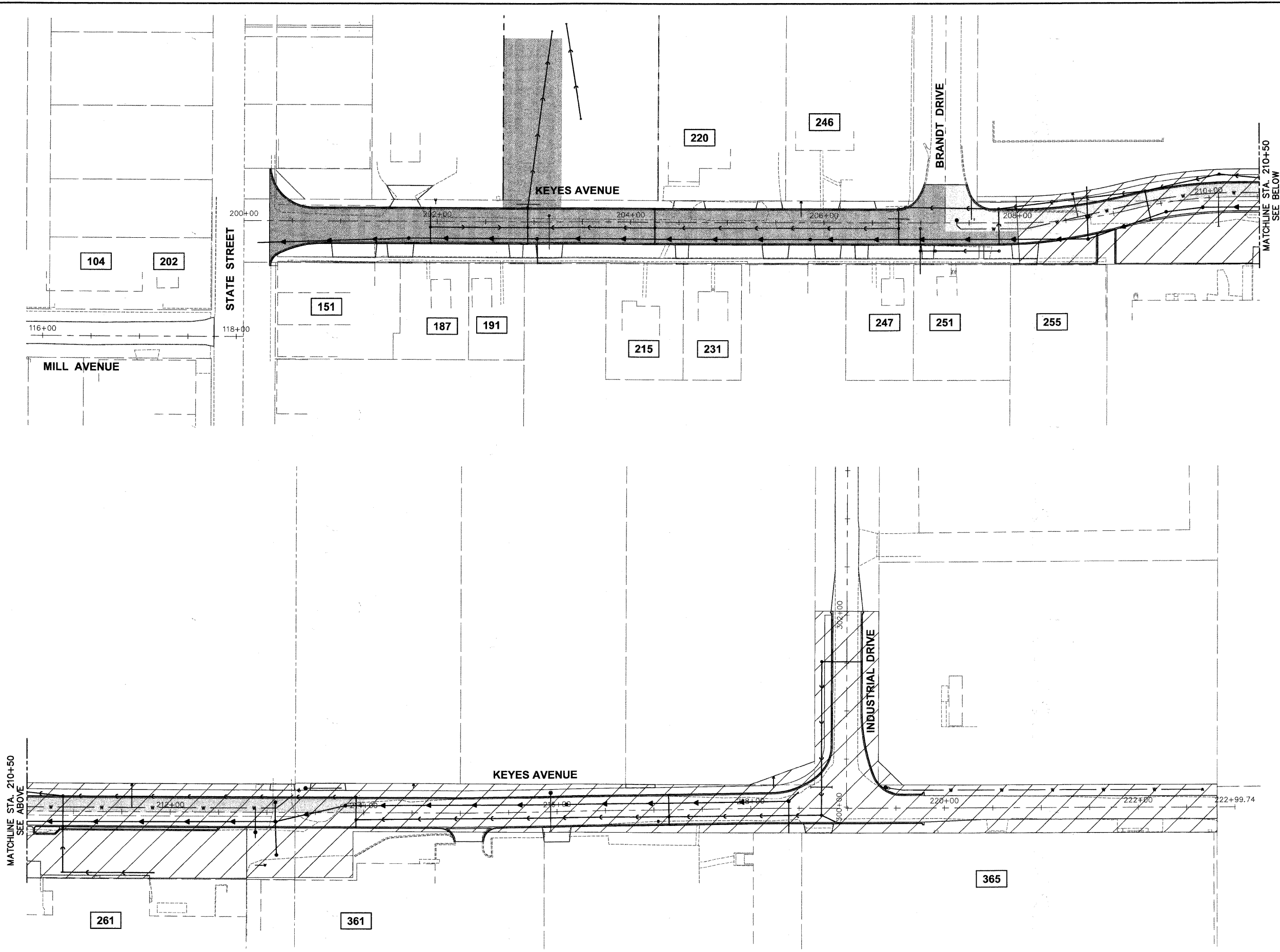
1. CONTRACTOR TO INSTALL NECESSARY TRAFFIC CONTROL SIGNS.
2. INSTALLATION OF ALL PERIMETER EROSION BARRIER.
3. TREE, FENCE, SIGN, AND MAILBOX REMOVAL AS NECESSARY.
4. CONTRACTOR TO INSTALL WATER MAIN FROM STA. 207+25 (BRANDT DRIVE) TO STATION 214+00.
5. KEYES AVENUE TO BE CLOSED FROM STA. 207+25 TO STA. 209+00. CHANGEABLE MESSAGE BOARDS FOR DETOUR SHALL READ "KEYES AVENUE CLOSED AT BRANDT DRIVE INTERSECTION".

STAGING AND TRAFFIC CONTROL -- STAGE 1B

1. CONTRACTOR TO INSTALL UTILITIES FROM STA. 200+25 (STATE STREET) TO STA. 208+75. CONTRACTOR SHALL TEST AND DISINFECT WATER MAIN FROM STAGE 1A.
2. CONTRACTOR TO INSTALL 45" OUTLOT STORM SEWER AT STA. 203+00.
3. KEYES AVENUE TO BE CLOSED FROM STATE STREET TO STA. 208+75. CHANGEABLE MESSAGE BOARDS FOR DETOUR SHALL READ "KEYES AVENUE CLOSED FROM STATE STREET TO BRANDT DRIVE".

STAGING AND TRAFFIC CONTROL -- STAGE 1C

1. CONTRACTOR TO INSTALL UTILITIES FROM STA. 208+75 TO STA. 222+99 (KEYES AVENUE) AND FROM STA. 300+00 TO STA. 302+00 (INDUSTRIAL DRIVE).
2. KEYES AVENUE TO BE CLOSED FROM STATE 208+75 TO STA. 219+00. CHANGEABLE MESSAGE BOARDS FOR DETOUR SHALL READ "KEYES AVENUE CLOSED FROM BRANDT DRIVE TO INDUSTRIAL DRIVE".
3. CONTRACTOR AND ENGINEER TO COORDINATE WITH LOCAL BUSINESS REGARDING COMMERCIAL DELIVERIES/TRUCK TRAFFIC. TRUCK TRAFFIC TO UTILIZE EXISTING PAVEMENT FROM STA. 208+00 TO STA. 214+00. THE CONTRACTOR SHALL STONE AND/OR PLATE TRENCH EXCAVATIONS WHERE WARRANTED SO AS TO ALLOW TRUCK ACCESS.



Plotted: February 1, 2010 @ 3:13 PM By: Kide Pung - Job: 54-STAGE 1 (22x34)
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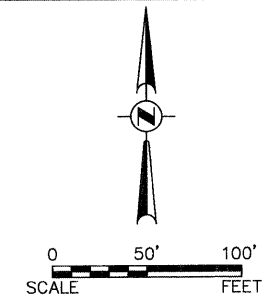
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	PLOT SCALE = #SCALE#	CHECKED - JAM	REVISED - 02/03/10
	PLOT DATE = #DATE#	DATE - 10/16/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL PLAN	
PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SCALE: 1"=50'	SHEET NO. 50 OF 92 SHEETS STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	54
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63406	

Path: \\S:\S\PROJECTS\1468\1468-175-06\1468-175-06-50.DWG FINAL ENG 04/05/10 - TRAFFIC



ALL STAGES

1. "WORKERS" SIGN SHALL BE DISPLAYED WHEN WORKERS PRESENT.
2. ON-GOING MAINTENANCE OF SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE PROVIDED DURING ALL STAGES OF CONSTRUCTION.
3. LOCAL TRAFFIC TO BE ALLOWED THROUGH CONSTRUCTION ZONES TO ALLOW ACCESS TO RESIDENCES AND LOCAL BUSINESSES.
4. ACCESS TO DRIVEWAYS AND LOADING DOCKS TO BE PROVIDED WITH MINIMAL DISRUPTION.

STAGING AND TRAFFIC CONTROL - STAGE 2A

1. CONTRACTOR SHALL REMOVE PAVEMENT AND INSTALL AGGREGATE BASE, CURB & GUTTER, AND BINDER FROM STATE STREET TO BRANDT DRIVE.
2. KEYES AVENUE TO BE CLOSED FROM STATE STREET TO BRANDT DRIVE. CHANGEABLE MESSAGE BOARDS FOR DETOUR SHALL READ 'KEYES AVENUE CLOSED FROM STATE STREET TO BRANDT DRIVE'.

STAGING AND TRAFFIC CONTROL - STAGE 2B

1. CONTRACTOR SHALL REMOVE PAVEMENT AND INSTALL AGGREGATE BASE, CURB & GUTTER, AND BINDER FROM BRANDT DRIVE TO STA. 214+00.
2. CONTRACTOR SHALL MAINTAIN THE EXISTING PAVEMENT OUTSIDE THE LIMITS OF THE PROPOSED RE-ALIGNED KEYES AVENUE FROM BRANDT DRIVE TO STA. 214+00.
3. CHANGEABLE MESSAGE BOARDS FOR DETOUR SHALL READ 'KEYES AVENUE CLOSED AT BRANDT DRIVE INTERSECTION'.
4. LOCAL TRAFFIC TO UTILIZE EXISTING KEYES AVENUE PAVEMENT FROM STA. 208+00 TO STA. 214+00.
5. CONTRACTOR TO INSTALL CONCRETE SIDEWALK AND APRONS FOR ROADWAY RECONSTRUCTED IN STAGE 2A.

STAGING AND TRAFFIC CONTROL - STAGE 2C

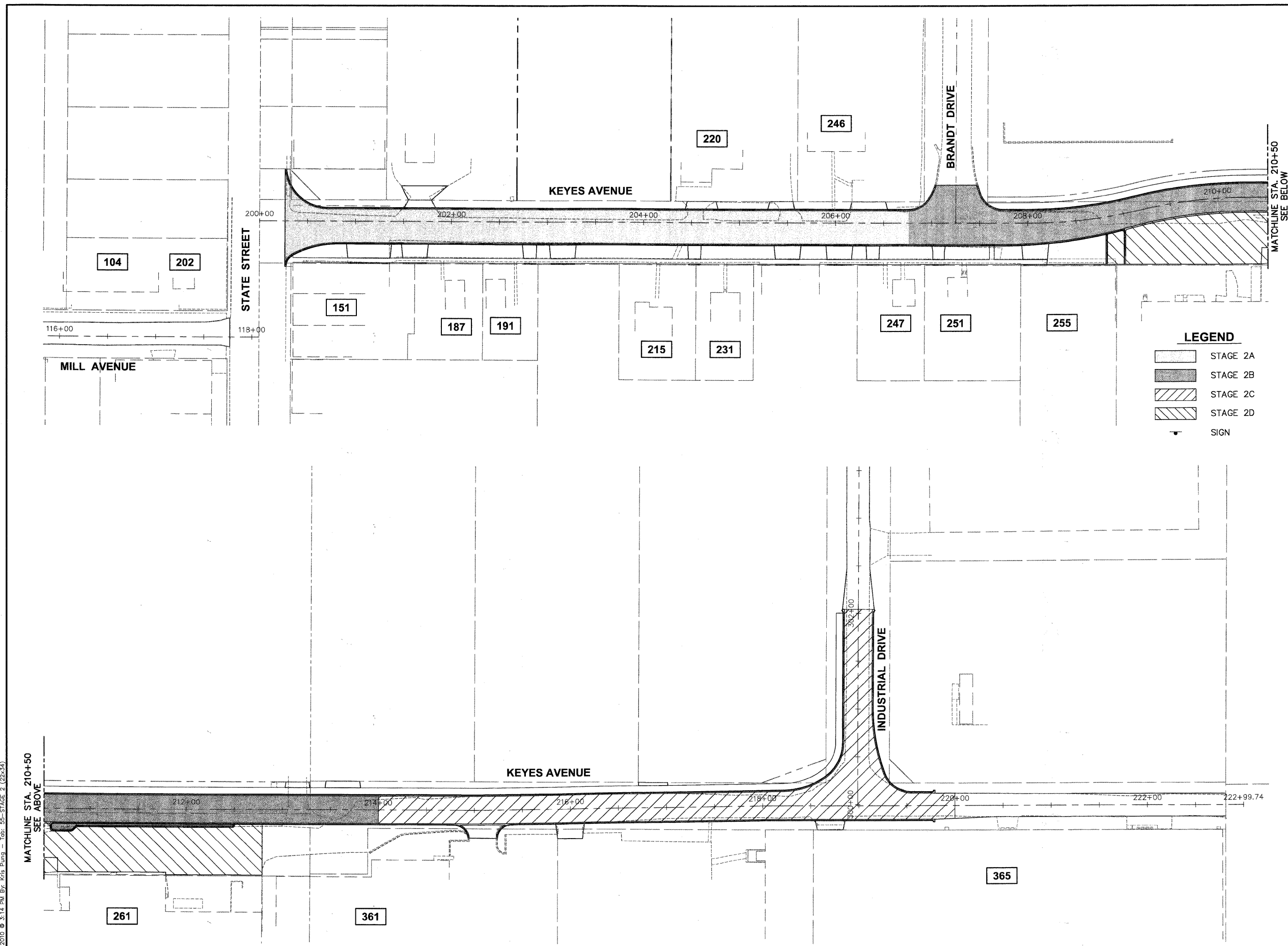
1. CONTRACTOR SHALL REMOVE PAVEMENT AND INSTALL AGGREGATE BASE, CURB & GUTTER, AND BINDER FROM STA. 214+00 TO STA. 220+00 (KEYES AVENUE) AND STA. 300+00 TO STA. 302+00 (INDUSTRIAL DRIVE).
2. KEYES AVENUE TO BE CLOSED FROM STATE 214+00 TO STA. 220+00. INDUSTRIAL DRIVE TO BE CLOSED FROM STATION 300+00 TO STA. 302+00. CHANGEABLE MESSAGE BOARDS FOR DETOUR SHALL READ 'KEYES AVENUE CLOSED FROM BRANDT DRIVE TO INDUSTRIAL DRIVE'.
3. CONTRACTOR TO INSTALL CONCRETE SIDEWALK AND APRONS FOR ROADWAY RECONSTRUCTED IN STAGE 2B.

STAGING AND TRAFFIC CONTROL - STAGE 2D

1. DETOUR ROUTE TO BE DISCONTINUED.
2. CONTRACTOR SHALL REMOVE PAVEMENT AND INSTALL AGGREGATE BASE, AND BINDER FOR ALL OFF ROAD IMPROVEMENTS FROM STA. 208+00 TO STA. 214+00.
3. CONTRACTOR SHALL MAINTAIN THE EXISTING PAVEMENT OUTSIDE THE LIMITS OF THE PROPOSED RE-ALIGNED KEYES AVENUE FROM BRANDT DRIVE TO STA. 214+00.
4. CONTRACTOR TO INSTALL SIDEWALK AND APRONS FOR ROADWAY RECONSTRUCTED IN STAGE 2C AND 2D.

LEGEND

- STAGE 2A
- STAGE 2B
- STAGE 2C
- STAGE 2D
- SIGN



Plot: February 1, 2010 @ 3:14 PM, By: Kris Pump - Job: 55-STAGE 2 (22x34)
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Path: \\S:\PROJ\HAGSEY\DWG\HAGSEY\DWG_FINAL_ENG\HAGSEY-TRAFFIC

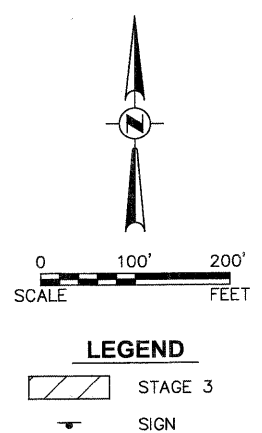
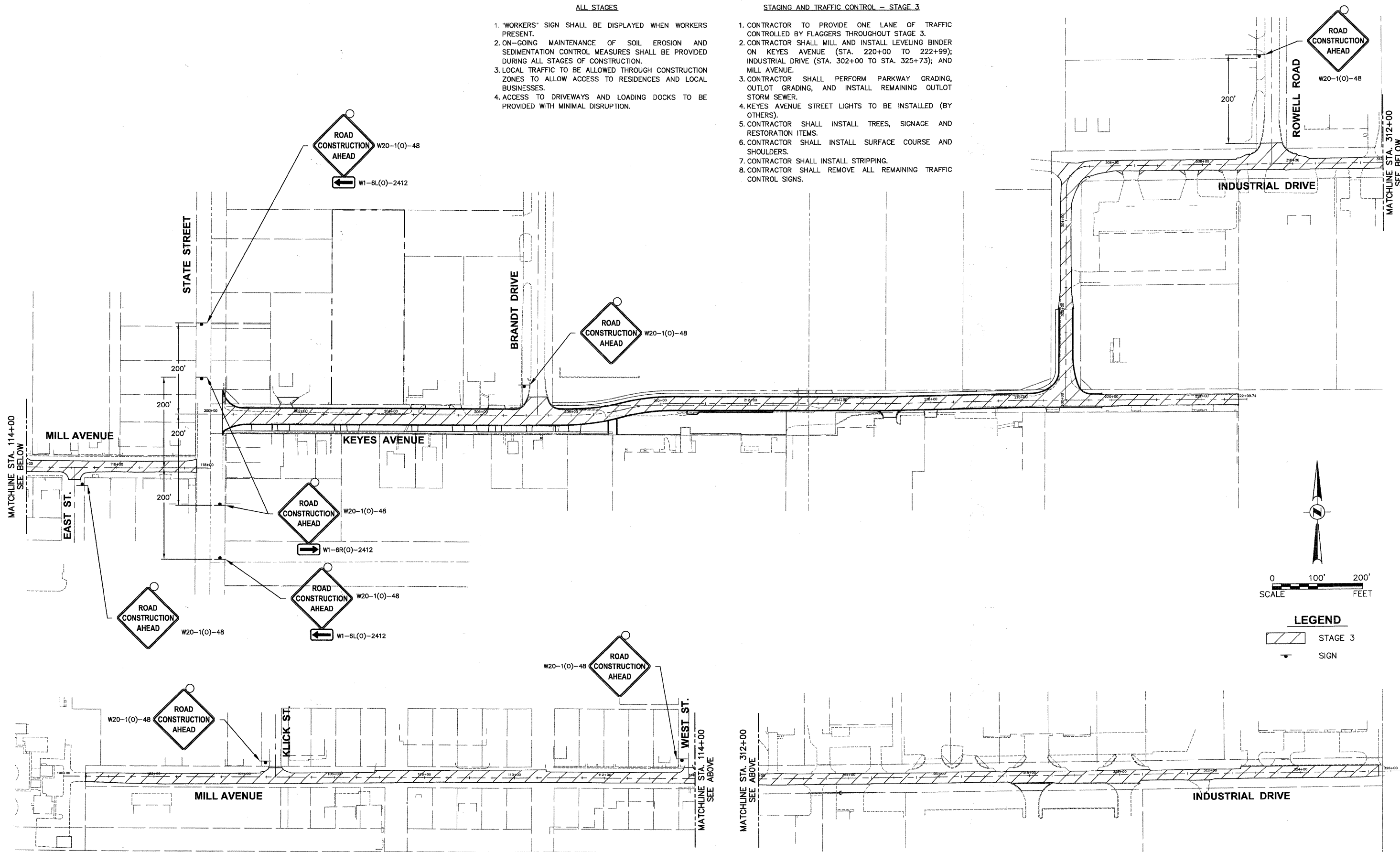
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				STAGING AND TRAFFIC CONTROL PLAN				F.A. RTE.	SECTION 06-00015-00-PV	COUNTY KANE	TOTAL SHEETS 97	SHEET NO. 55
FILE NAME #FILE#	USER NAME = #USER#	DESIGNED - JAM, SWM DRAWN - KKP	REVISED - 12/02/09 REVISED - 01/22/10	PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06	SCALE: 1"=50' SHEET NO. 50 OF 92 SHEETS	STA. N/A TO STA. N/A	N/A	FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT	CONTRACT NO. 63406		
PLOT SCALE = #SCALE#	CHECKED - JAM	DATE - 10/16/09	REVISED - 02/03/10									
PLOT DATE = #DATE#	DATE - 10/16/09	REVISED -										

ALL STAGES

1. "WORKERS" SIGN SHALL BE DISPLAYED WHEN WORKERS PRESENT.
2. ON-GOING MAINTENANCE OF SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE PROVIDED DURING ALL STAGES OF CONSTRUCTION.
3. LOCAL TRAFFIC TO BE ALLOWED THROUGH CONSTRUCTION ZONES TO ALLOW ACCESS TO RESIDENCES AND LOCAL BUSINESSES.
4. ACCESS TO DRIVEWAYS AND LOADING DOCKS TO BE PROVIDED WITH MINIMAL DISRUPTION.

STAGING AND TRAFFIC CONTROL - STAGE 3

1. CONTRACTOR TO PROVIDE ONE LANE OF TRAFFIC CONTROLLED BY FLAGGERS THROUGHOUT STAGE 3.
2. CONTRACTOR SHALL MILL AND INSTALL LEVELING BINDER ON KEYES AVENUE (STA. 220+00 TO 222+99); INDUSTRIAL DRIVE (STA. 302+00 TO STA. 325+73); AND MILL AVENUE.
3. CONTRACTOR SHALL PERFORM PARKWAY GRADING, OUTLOT GRADING, AND INSTALL REMAINING OUTLOT STORM SEWER.
4. KEYES AVENUE STREET LIGHTS TO BE INSTALLED (BY OTHERS).
5. CONTRACTOR SHALL INSTALL TREES, SIGNAGE AND RESTORATION ITEMS.
6. CONTRACTOR SHALL INSTALL SURFACE COURSE AND SHOULDERS.
7. CONTRACTOR SHALL INSTALL STRIPPING.
8. CONTRACTOR SHALL REMOVE ALL REMAINING TRAFFIC CONTROL SIGNS.



Plotted: February 1, 2010 @ 3:15 PM By: Kris Papp - Tab: 56-STAGE 3 (22x34)

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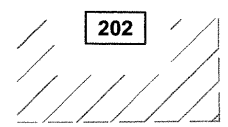
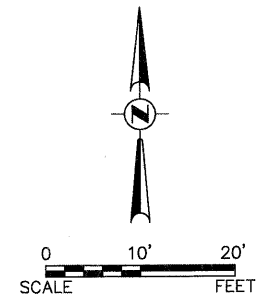
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL PLAN

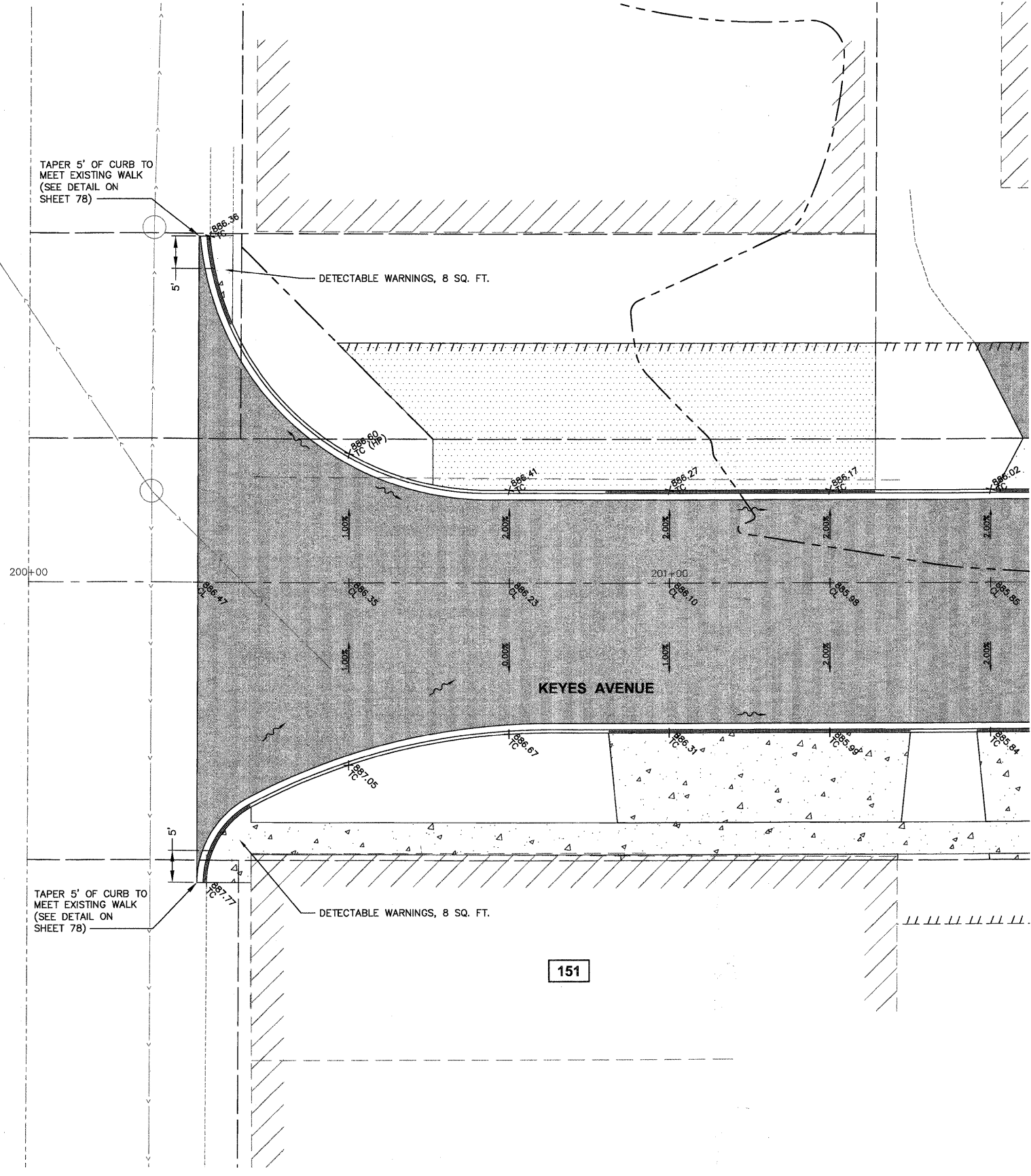
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	SHEET NO. 51 OF 92 SHEETS	STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	56
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63406	

PATH: \\SUSP\PROJ\H4055\H4055\DWG\H4055\DWG_FINAL_ENG\H4055-TRAFFIC



STATE STREET



Plotted: February 1, 2010 @ 2:21 PM By: Kris Pung - Tab: 58-INT - STATE ST @ KEYES AVE (22534)

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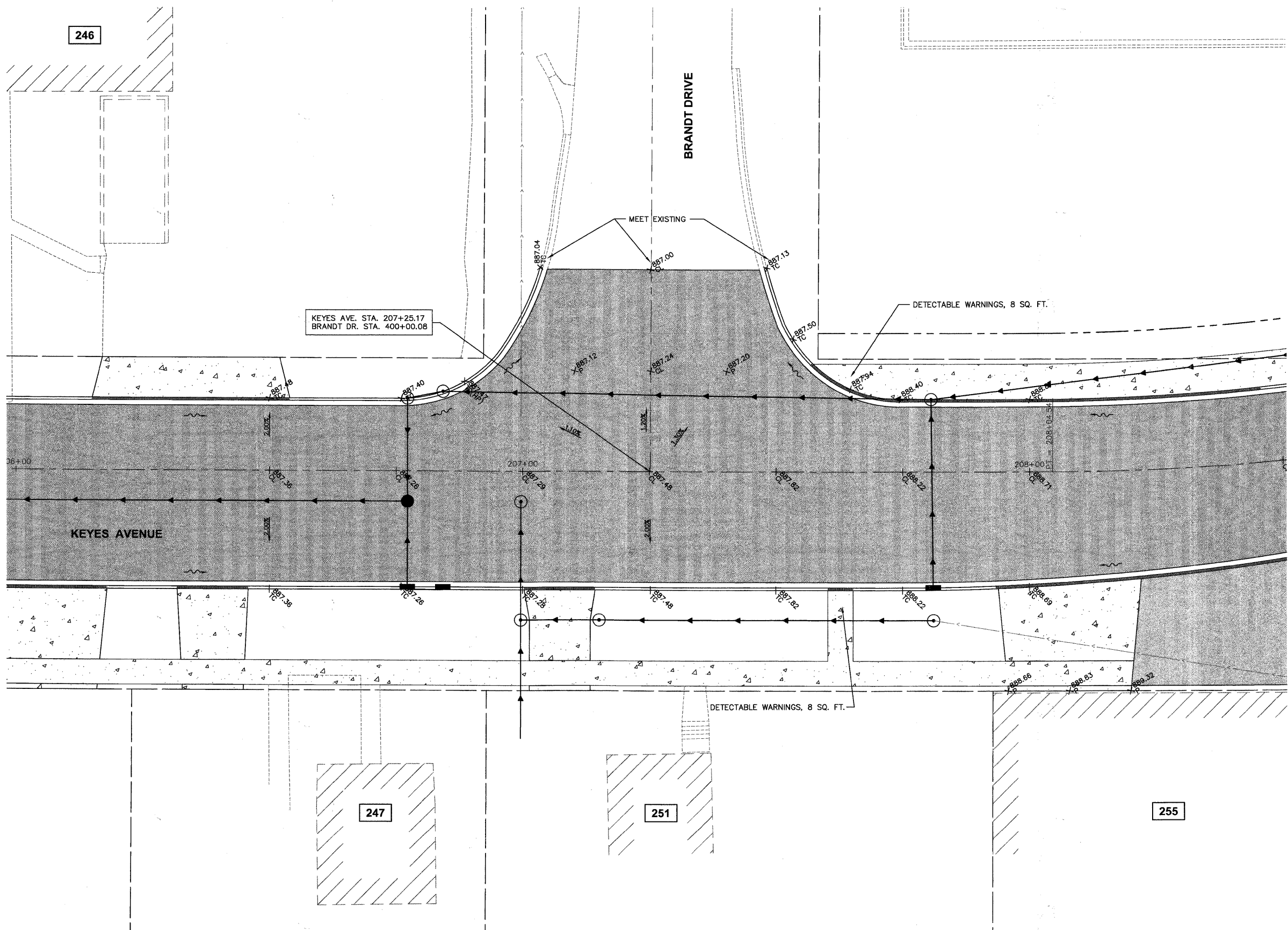
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	PLOT DATE = #DATE#	DATE - 10/16/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

KEYES AVENUE AT STATE STREET - INTERSECTION DESIGN	
PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SCALE: 1"=10'	SHEET NO. 53 OF 92 SHEETS
STA. N/A	TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	58
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63406	

Path: \\S:\ARROW\146857\DWG\146857\DWG_FINAL_ENG\146857-INTERSECTION



Plotted: February 1, 2010 @ 2:23 PM By: Kch Pump - Job: 59-INT - KEYES AVE @ BRANDT DR (22034)

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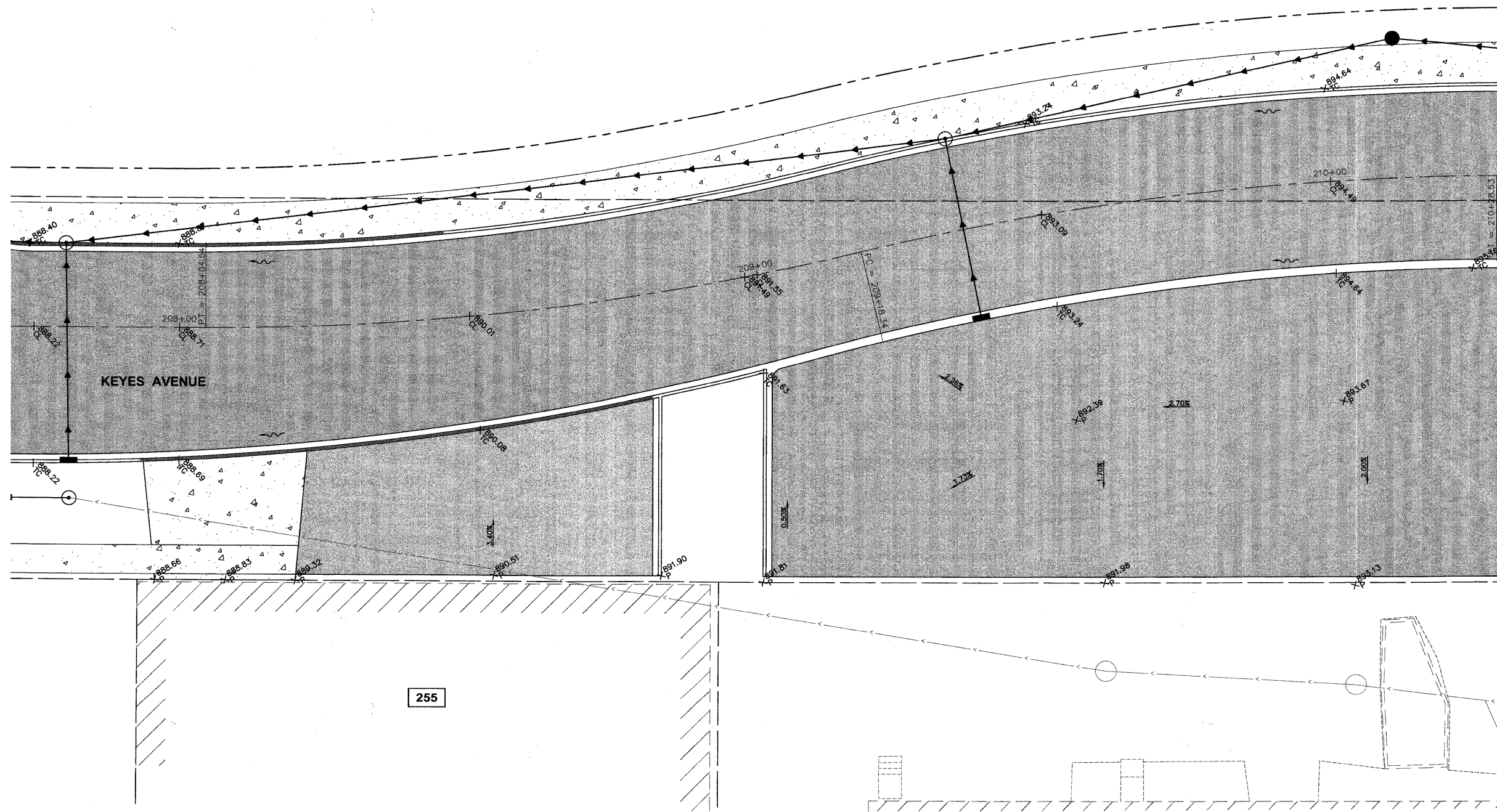
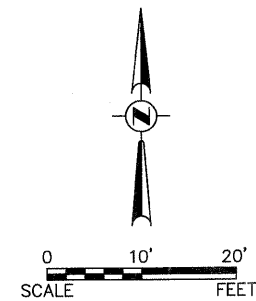
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEYES AVENUE AT BRANDT DRIVE - INTERSECTION DESIGN	
PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SCALE: 1"=10'	SHEET NO. 54 OF 92 SHEETS STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	59
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63406	

P:\1468\PROJ\146857\DWG\146828.DWG FINAL ENG\146857-INTERSECTION



Plotted: February 1, 2010 @ 2:25 PM By: Kris Pung - Tab: 61-INT - KEYES AVE @ PARKING LOT (22634)

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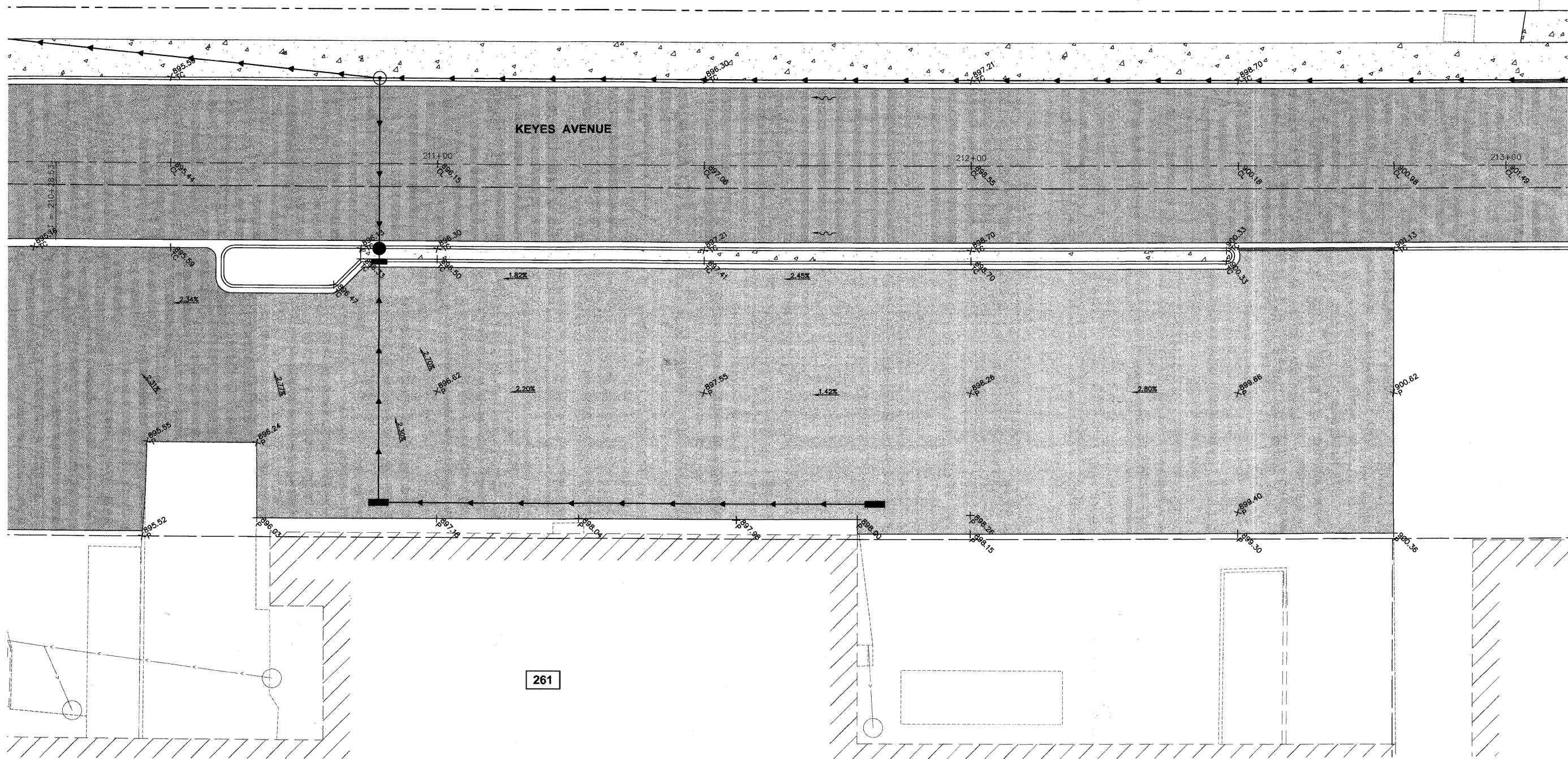
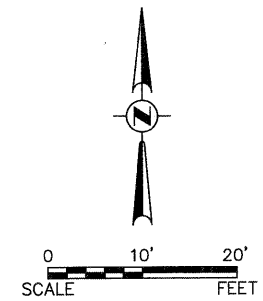
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

KEYES AVENUE PARKING LOT DETAIL

PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SHEET NO. 56 OF 92 SHEETS	STA. N/A TO STA. N/A

F.A. - RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	61
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63406	

P:\06\0015\00-PV\06-00015-00-PV\FINAL\ENG\FIG667-INTERSECTION



Plotted: February 1, 2010 @ 2:26 PM By: Kch, Pung - Job: 62-INT - KEYES AVE - PARKING LOT (22-24)

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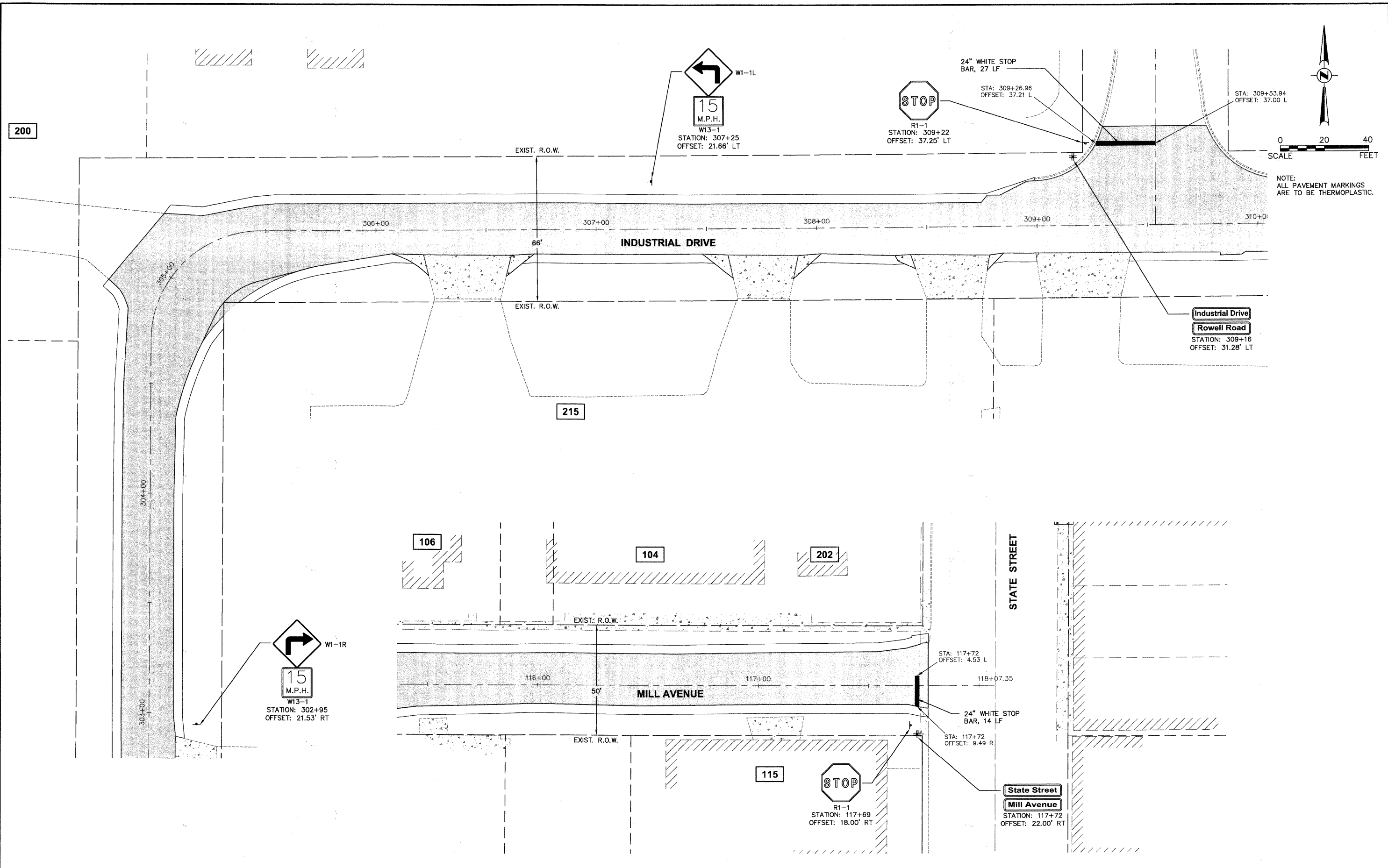
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	PLOT DATE = #DATE#	DATE - 10/16/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEYES AVENUE PARKING LOT DETAIL

PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SCALE: 1"=10'	SHEET NO. 57 OF 92 SHEETS
STA. N/A	TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	62
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63406	



Plotted: February 1, 2010 @ 3:07 PM By: Kris Pung - Tab: 63-MILL-INDUSTRIAL STRIPE (22-34)

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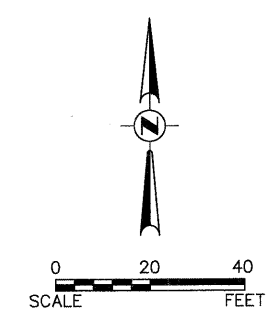
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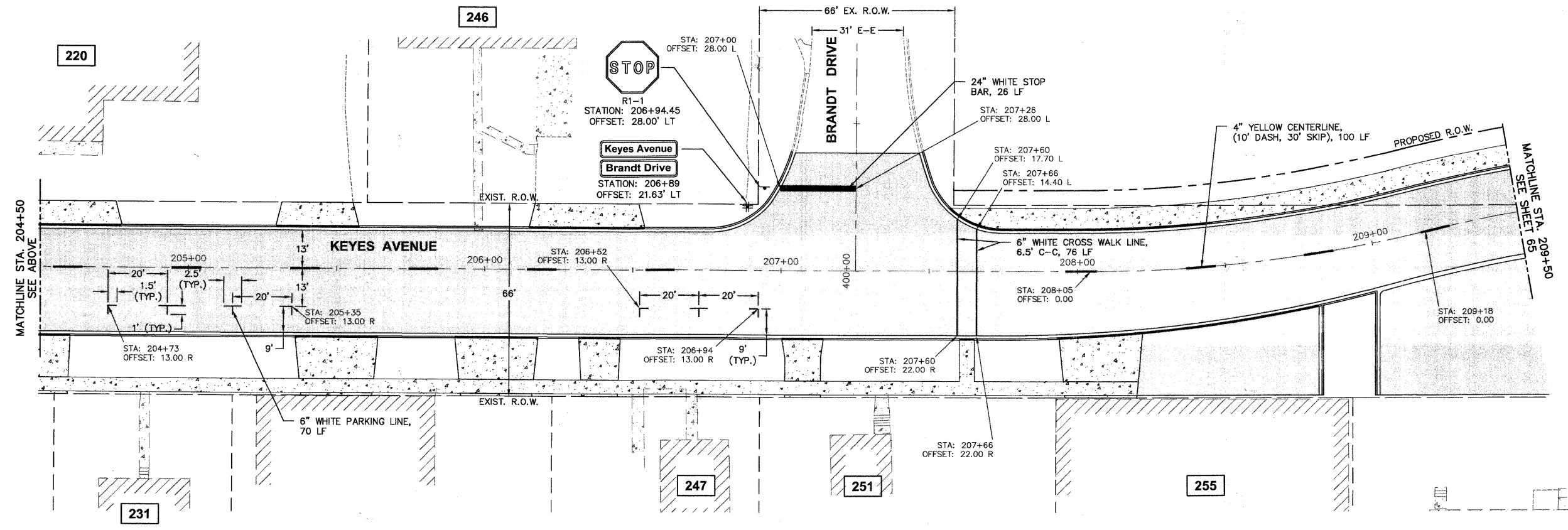
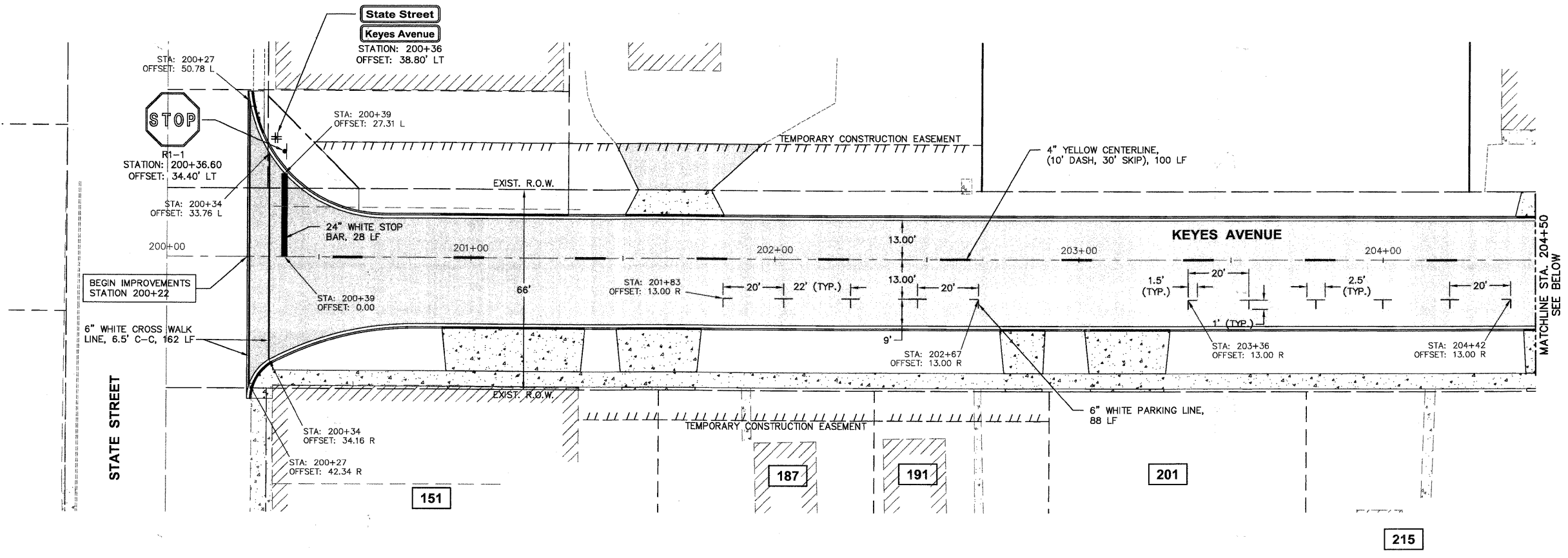
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MILL AVENUE / INDUSTRIAL DRIVE STRIPING AND SIGNAGE PLAN	
PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SHEET NO. 58 OF 92 SHEETS	STA. N/A TO STA. N/A
SCALE: N/A	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	63
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63406	



NOTE:
ALL PAVEMENT MARKINGS
ARE TO BE THERMOPLASTIC.



Plotted: February 1, 2010 @ 3:08 PM By: Kirk Puntz - Job: 64-KEYES STRIPING (22x34)

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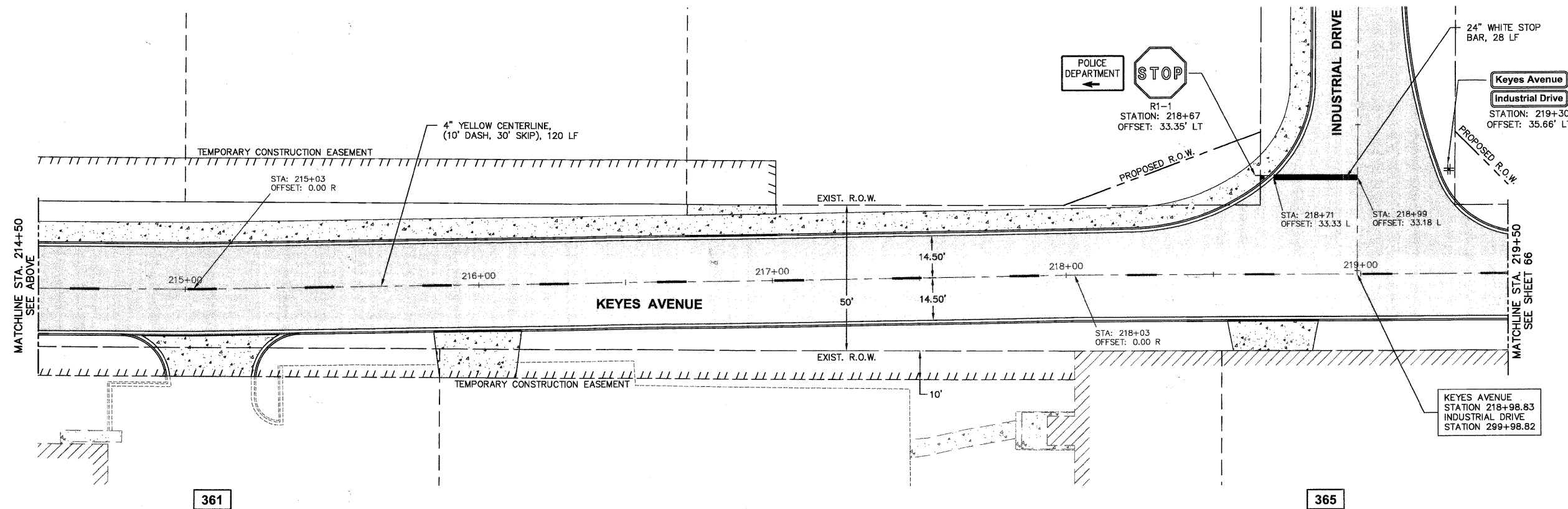
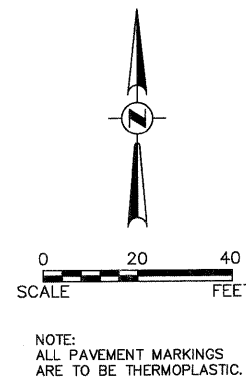
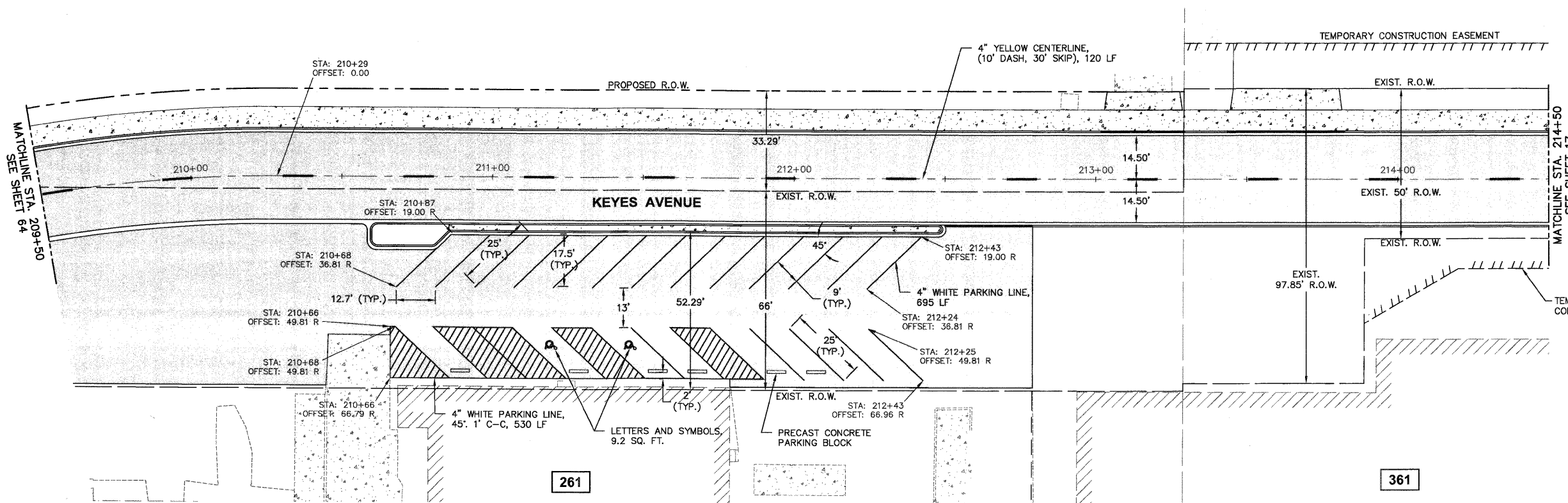
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DESIGNED - JAM, SWM	REvised - 12/02/09
DRAWN - KKP	REvised - 01/22/10
CHECKED - JAM	REvised - 02/03/10
DATE - 10/16/09	REvised -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEYES AVENUE STRIPING AND SIGNAGE PLAN	
PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SHEET NO. 59 OF 92 SHEETS	STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	64
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63406	



Plot Date: February 1, 2010 @ 3:09 PM By: Kris Pung - Job: 65-KEYES STRIPE (23x34)

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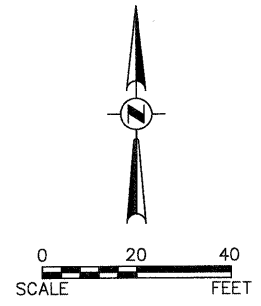
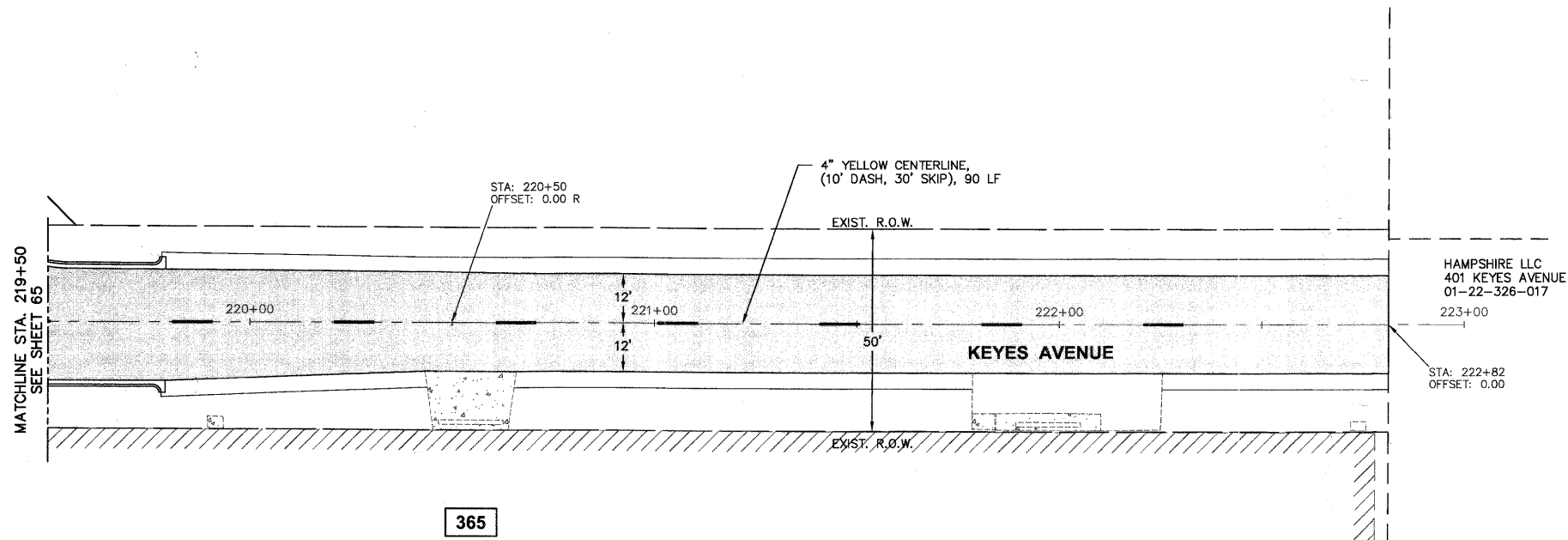
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	PLOT DATE = #DATE#	DATE - 10/16/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

KEYES AVENUE STRIPING AND SIGNAGE PLAN

PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SHEET NO. 60 OF 92 SHEETS	STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	65
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63406	



NOTE:
ALL PAVEMENT MARKINGS
ARE TO BE THERMOPLASTIC.

Plotted: February 1, 2010 @ 3:11 PM By: Kris Pung - Tab: 06-KEYES STRIPE (22334)

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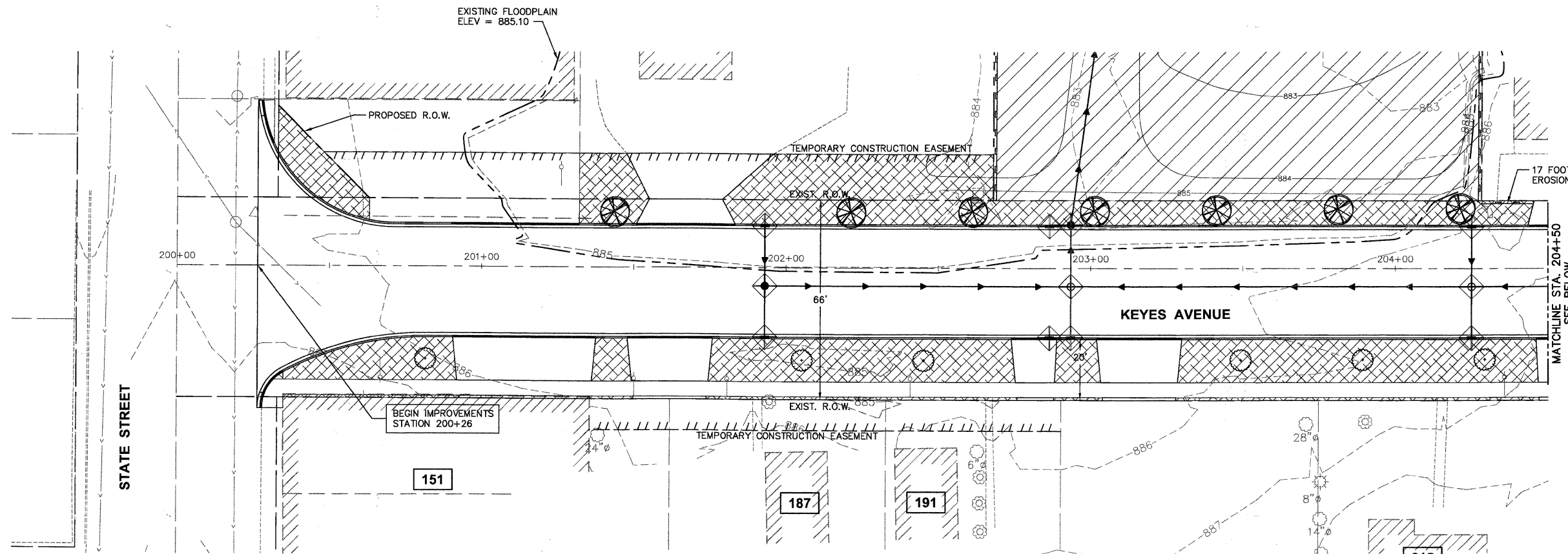
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

KEYES AVENUE STRIPING AND SIGNAGE PLAN

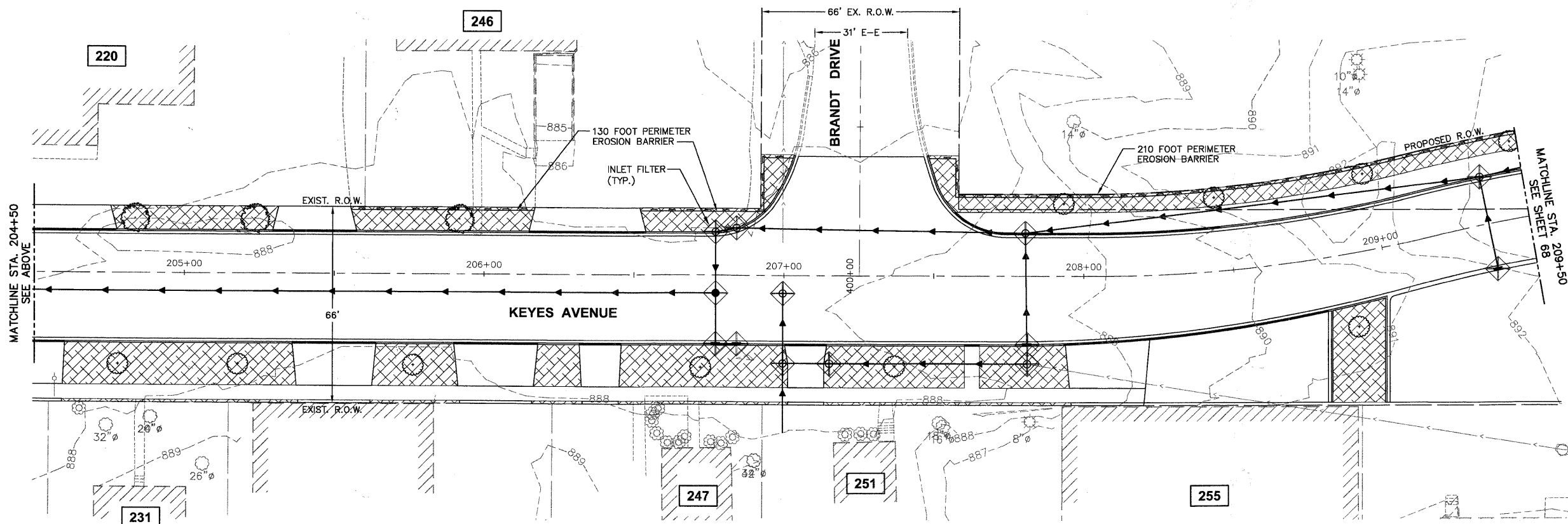
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	SHEET NO. 61 OF 92 SHEETS	STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	66
FED. ROAD DIST. NO. -			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63406	

P:\CH\2008\PROJ\146867\06\146867\06\FINAL\ENG\146867-STRIP



- LEGEND**
- CLASS 1 SEEDING AND EROSION CONTROL BLANKET (WITH FERTILIZER)
 - CLASS 1A SEEDING AND EROSION CONTROL BLANKET (WITH FERTILIZER)
 - CLASS 4A SEEDING AND HEAVY DUTY EROSION CONTROL BLANKET (WITH FERTILIZER)
 - PERIMETER EROSION BARRIER
- FERTILIZER REQUIREMENTS**
- NITROGEN FERTILIZER NUTRIENT (90 LBS/AC)
 - POTASSIUM FERTILIZER NUTRIENT (90 LBS/AC)
 - PHOSPHORUS FERTILIZER NUTRIENT (90 LBS/AC)
- CRATAEGUS CRUGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2 1/2" CALIPER TREE FORM, BALLED AND BURLAPPED
 - CORNUS MAS (CORNELIAN CHERRY DOG WOOD), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED
 - SYRINGA RETICULATA (JAPANESE TREE LILAC) 2 1/2" CALIPER TREE FORM, BALLED AND BURLAPPED
 - INLET FILTER
 - TEMPORARY DITCH CHECK
 - RIP RAP

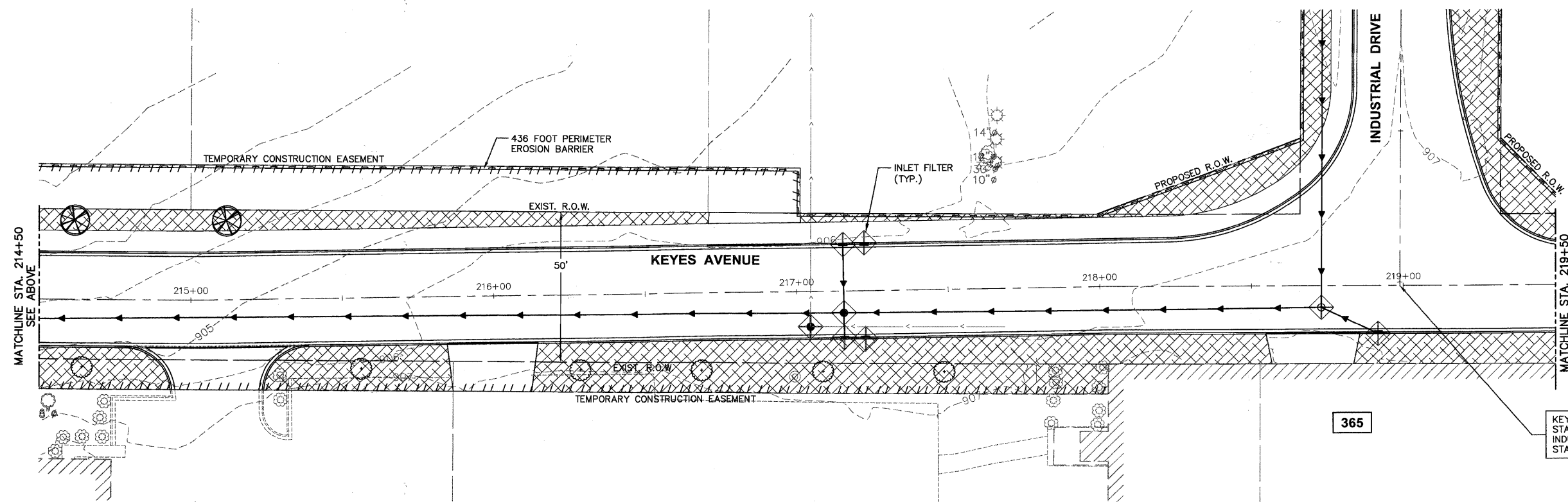
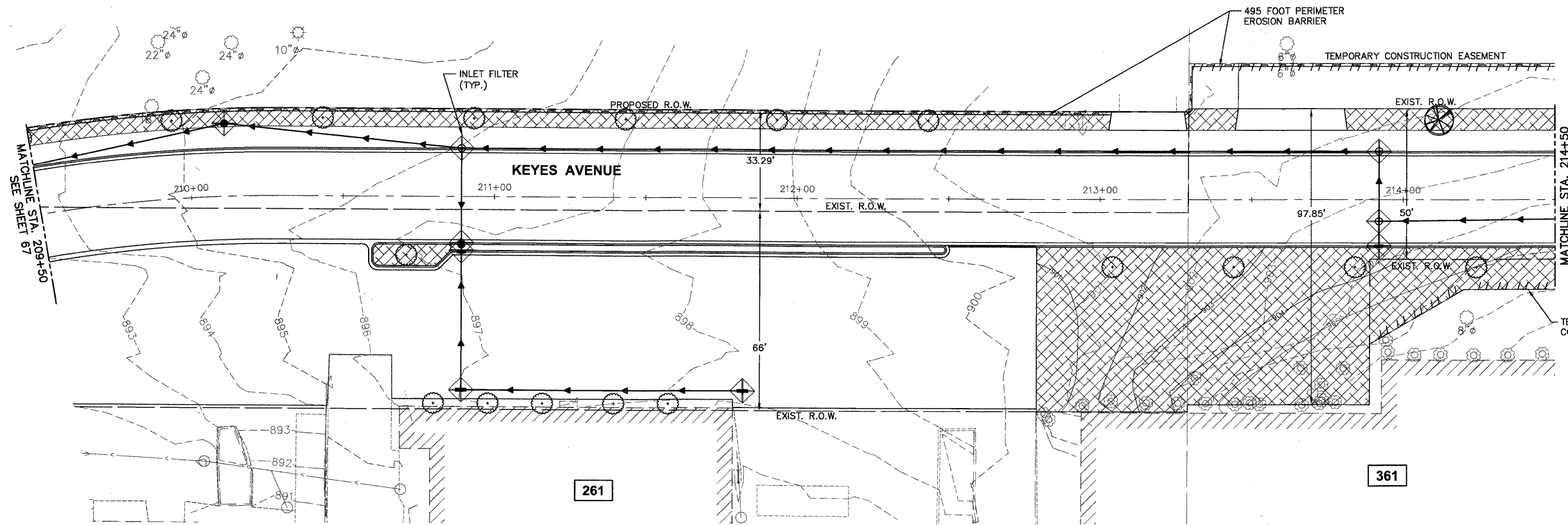


THE THICKNESS OF THE TOPSOIL/VEGETATION SUSTAINING SOIL SHALL BE A MINIMUM OF 4".

Plotted: February 2, 2010 @ 10:01 AM By: Kris Pung - Tab: 67--KEYES LAND (22x34)
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FILE NAME #FILE#			USER NAME = #USER#			DESIGNED - JAM, SWM			REVISED - 12/02/09			STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			KEYES AVENUE LANDSCAPING AND EROSION CONTROL PLAN			F.A. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
PLOT SCALE = #SCALE#			CHECKED - JAM			REVISED - 01/22/10			PROJECT NO. HPP-1468(004)						JOB NO. C-91-175-06		N/A		06-00015-00-PV		KANE		97		67		
PLOT DATE = #DATE#			DATE - 10/16/09			REVISED - 02/03/10			SHEET NO. 62 OF 92 SHEETS						STA. N/A		TO STA. N/A		CONTRACT NO. 63406		ILLINOIS		FED. AID PROJECT				

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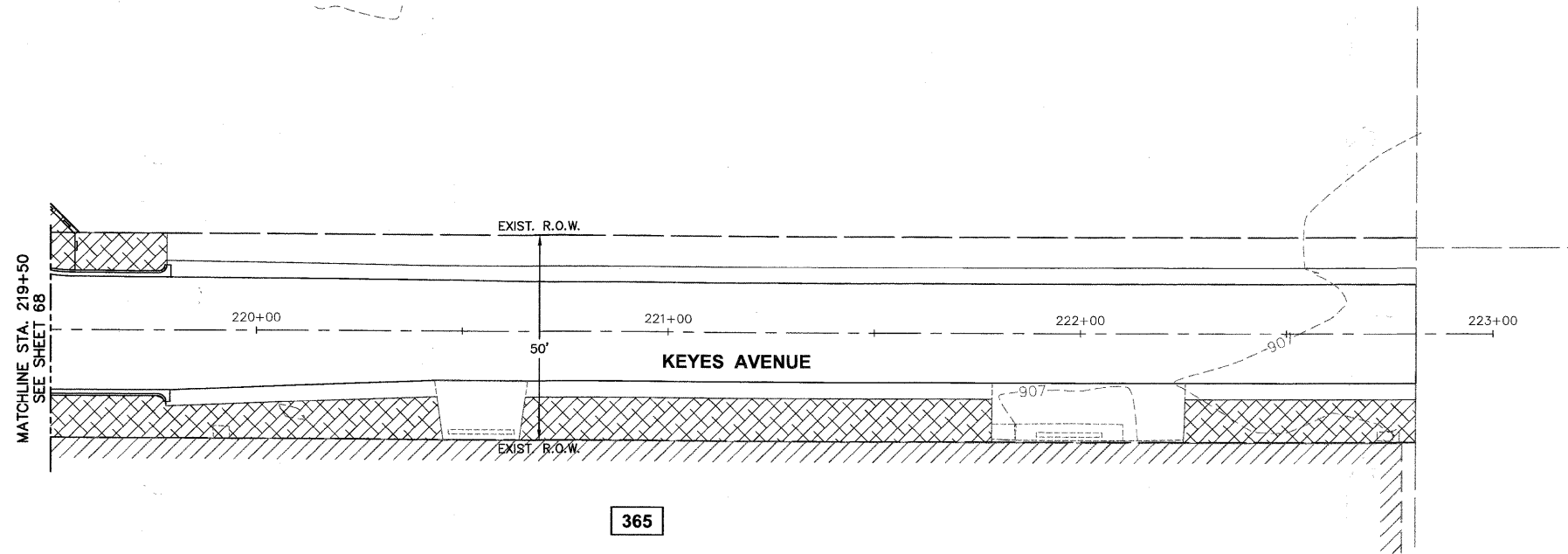
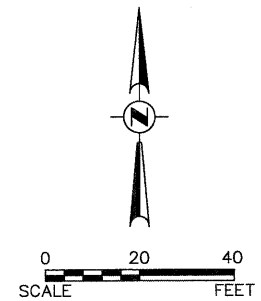


- LEGEND**
- CLASS 1 SEEDING AND EROSION CONTROL BLANKET (WITH FERTILIZER)
 - CLASS 1A SEEDING AND EROSION CONTROL BLANKET (WITH FERTILIZER)
 - CLASS 4A SEEDING AND HEAVY DUTY EROSION CONTROL BLANKET (WITH FERTILIZER)
 - PERIMETER EROSION BARRIER
- FERTILIZER REQUIREMENTS**
- NITROGEN FERTILIZER NUTRIENT (90 LBS/AC)
 - POTASSIUM FERTILIZER NUTRIENT (90 LBS/AC)
 - PHOSPHORUS FERTILIZER NUTRIENT (90 LBS/AC)
- CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2 1/2" CALIPER TREE FORM, BALLED AND BURLAPPED
 - CORNUS MAS (CORNELIAN CHERRY DOG WOOD), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED
 - SYRINGA RETICULATA (JAPANESE TREE LILAC) 2 1/2" CALIPER TREE FORM, BALLED AND BURLAPPED
 - INLET FILTER
 - TEMPORARY DITCH CHECK
 - RIP RAP
- THE THICKNESS OF THE TOPSOIL/VEGETATION SUSTAINING SOIL SHALL BE A MINIMUM OF 4".

Plotted: February 2, 2010 10:02 AM By: Kris Pung - Job: 88-KEYES LAND (22x34)
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FILE NAME	USER NAME = #USER#	DESIGNED - JAM, SWM	REVISED - 12/02/09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	KEYES AVENUE LANDSCAPING AND EROSION CONTROL PLAN		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - KKP	REVISED - 01/22/10		N/A	06-00015-00-PV	KANE	97	68		
		CHECKED - JAM	REVISED - 02/03/10		PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06	CONTRACT NO. 63406				
		PLOT DATE = #DATE#	DATE - 10/16/09		SCALE: 1"=20'	SHEET NO. 63 OF 92 SHEETS	STA. N/A	TO STA. N/A	FED. ROAD DIST. NO. - (ILLINOIS) FED. AID PROJECT		

Path: H:\SIS\PROJ\146867\DWG\146867\DWG_FINAL_ENG\146867-LANDSCAPE



- LEGEND**
- CLASS 1 SEEDING AND EROSION CONTROL BLANKET (WITH FERTILIZER)
 - CLASS 1A SEEDING AND EROSION CONTROL BLANKET (WITH FERTILIZER)
 - CLASS 4A SEEDING AND HEAVY DUTY EROSION CONTROL BLANKET (WITH FERTILIZER)
 - PERIMETER EROSION BARRIER
- FERTILIZER REQUIREMENTS**
- NITROGEN FERTILIZER NUTRIENT (90 LBS/AC)
 - POTASSIUM FERTILIZER NUTRIENT (90 LBS/AC)
 - PHOSPHORUS FERTILIZER NUTRIENT (90 LBS/AC)
- CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2 1/2" CALIPER TREE FORM, BALLED AND BURLAPPED
 - CORNUS MAS (CORNELIAN CHERRY DOG WOOD), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED
 - SYRINGA RETICULATA (JAPANESE TREE LILAC) 2 1/2" CALIPER TREE FORM, BALLED AND BURLAPPED
 - INLET FILTER
 - TEMPORARY DITCH CHECK
 - RIP RAP
- THE THICKNESS OF THE TOPSOIL/VEGETATION SUSTAINING SOIL SHALL BE A MINIMUM OF 4".

Plotted: February 2, 2010 10:03 AM By: Kris Ping - Tab: 69-KEYES LAND (22x34)

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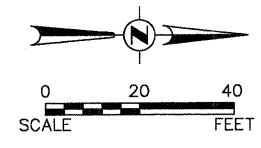
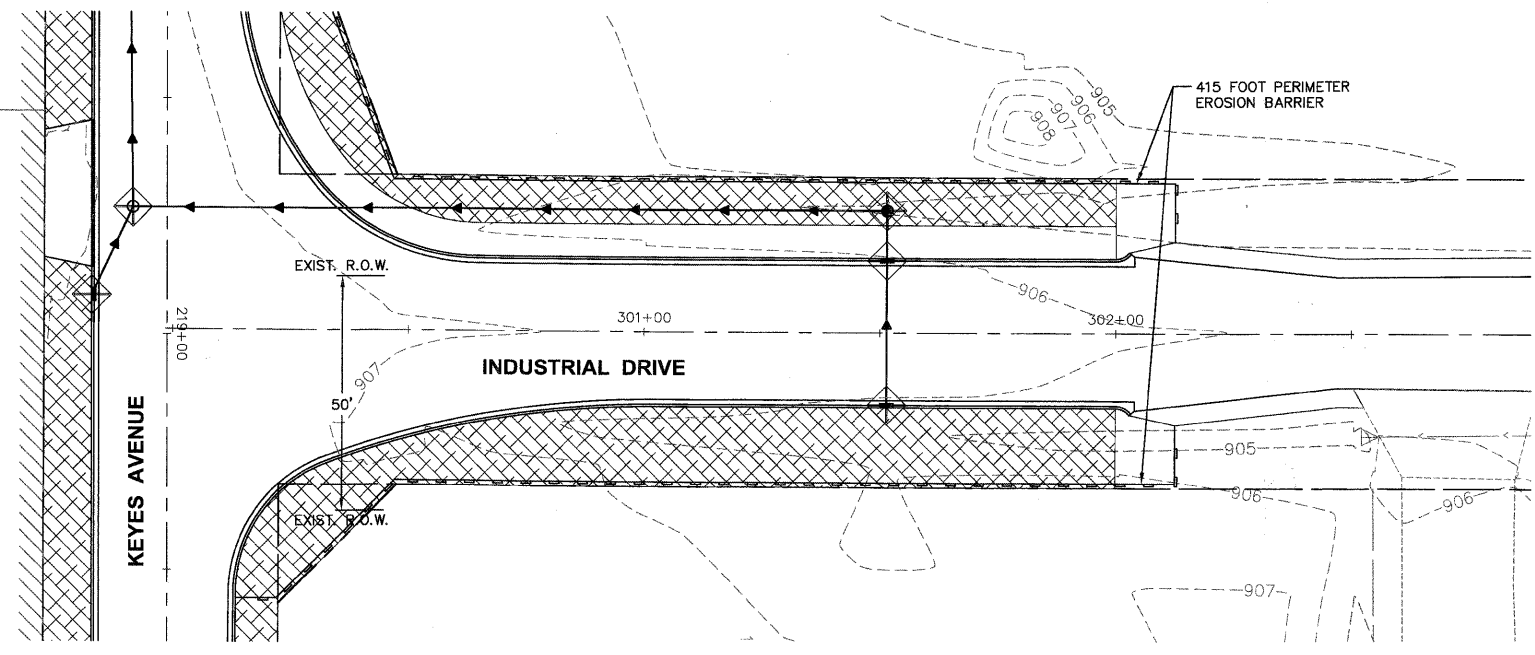
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	PLOT DATE = #DATE#	DATE - 10/16/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

KEYES AVENUE LANDSCAPING AND EROSION CONTROL PLAN	
PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SCALE: 1"=20'	SHEET NO. 64 OF 92 SHEETS
STA. N/A	TO STA. N/A

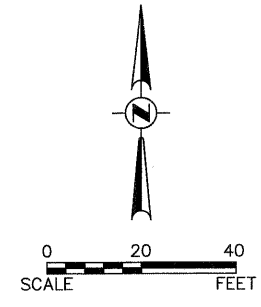
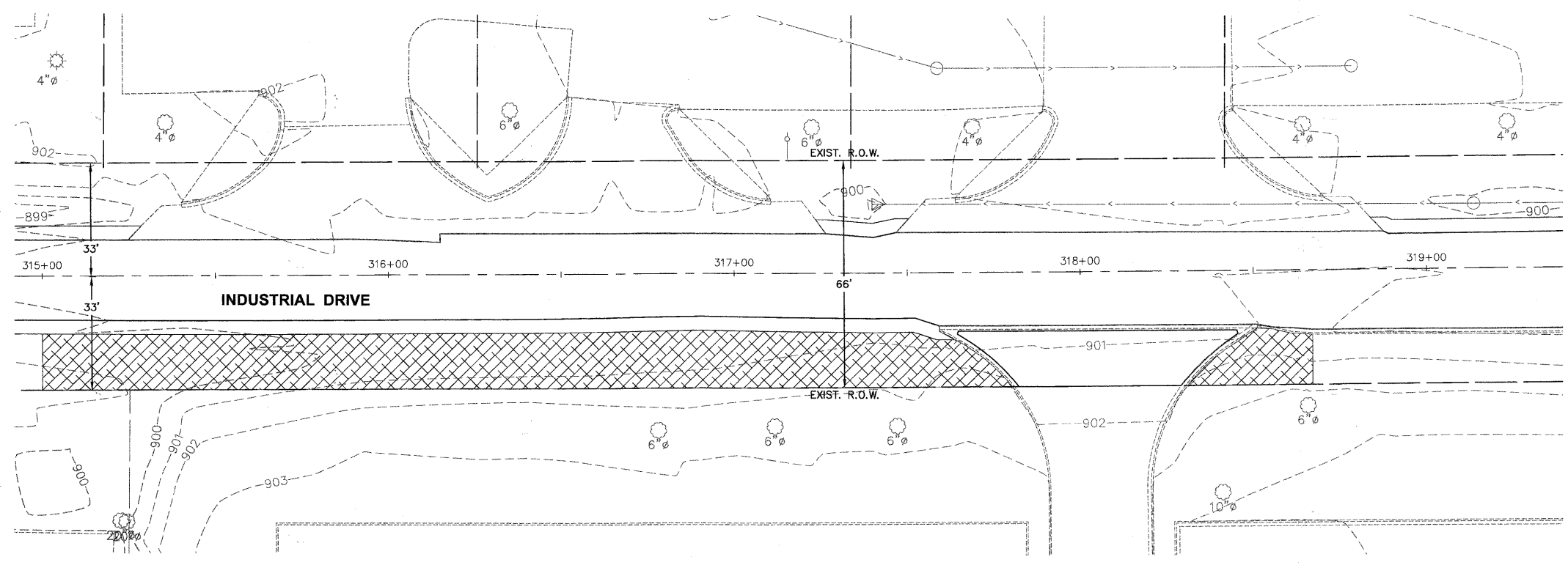
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	69
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63406	

Path: H:\S\SRPROJ\H46567\DWG\H46828\DWG_FINAL_ENG\H46857-LANDSCAPE



- LEGEND**
- CLASS 1 SEEDING AND EROSION CONTROL BLANKET (WITH FERTILIZER)
 - CLASS 1A SEEDING AND EROSION CONTROL BLANKET (WITH FERTILIZER)
 - CLASS 4A SEEDING AND HEAVY DUTY EROSION CONTROL BLANKET (WITH FERTILIZER)
 - PERIMETER EROSION BARRIER
- FERTILIZER REQUIREMENTS**
- NITROGEN FERTILIZER NUTRIENT (90 LBS/AC)
 - POTASSIUM FERTILIZER NUTRIENT (90 LBS/AC)
 - PHOSPHORUS FERTILIZER NUTRIENT (90 LBS/AC)
- CRATAEGUS CRUGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2 1/2" CALIPER TREE FORM, BALLED AND BURLAPPED
 - CORNUS MAS (CORNELIAN CHERRY DOG WOOD), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED
 - SYRINGA RETICULATA (JAPANESE TREE LILAC) 2 1/2" CALIPER TREE FORM, BALLED AND BURLAPPED
 - INLET FILTER
 - TEMPORARY DITCH CHECK
 - RIP RAP

THE THICKNESS OF THE TOPSOIL/VEGETATION SUSTAINING SOIL SHALL BE A MINIMUM OF 4".



255

Plotted: February 2, 2010 @ 10:03 AM By: Kris Ping - Tab: 70-INDUSTRIAL LAND (22x34)

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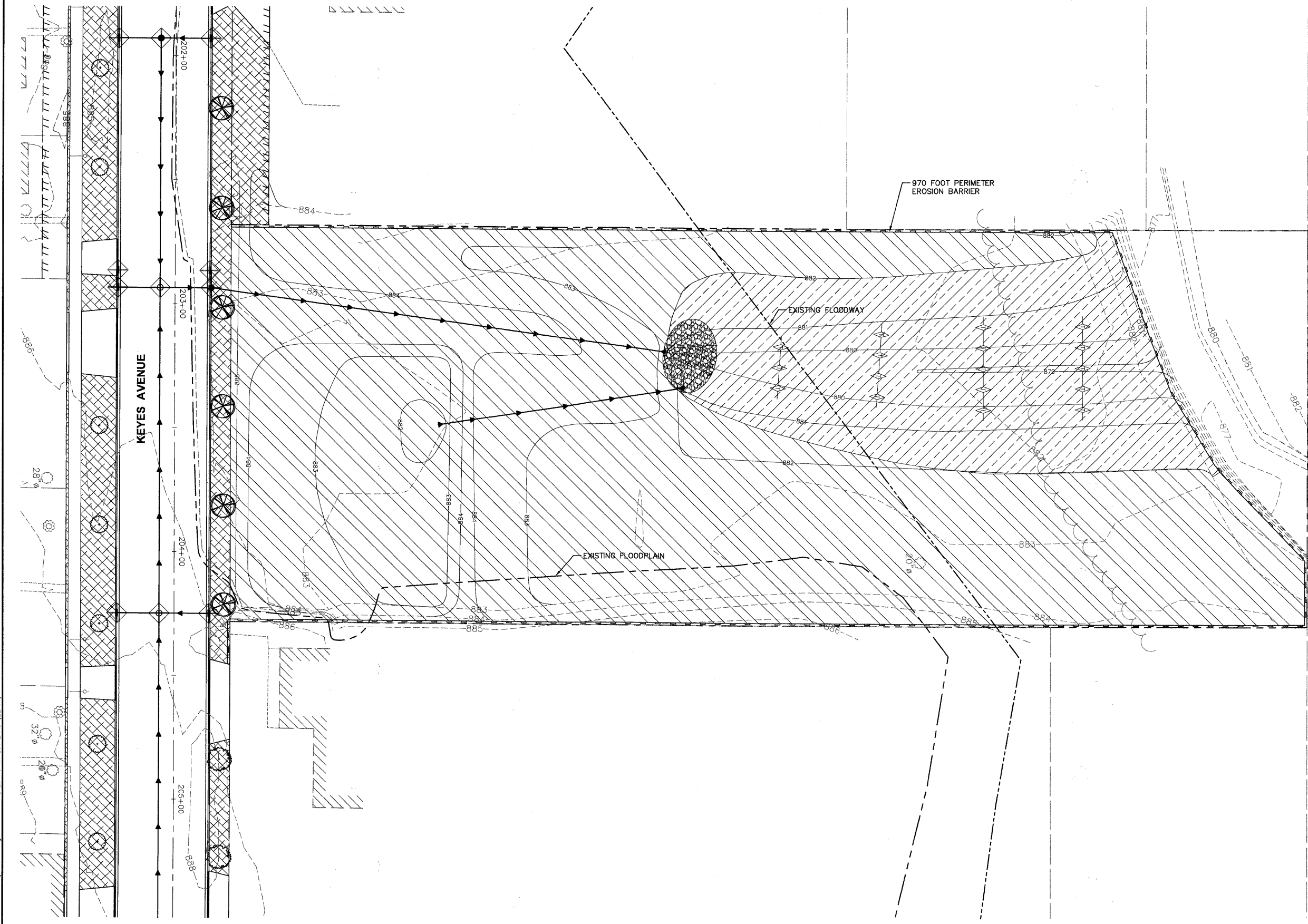
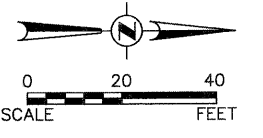
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		DATE - 10/16/09	REVISED -
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PLOT DATE = #DATE#			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDUSTRIAL DRIVE LANDSCAPING AND EROSION CONTROL PLAN	
PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SHEET NO. 65 OF 92 SHEETS	STA. N/A TO STA. N/A
SCALE: 1"=20'	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	70
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63406	

Path: H:\SSKPROV\H0657\DWG\H0828\DWG_FINAL_ENG\H0657-LANDSCAPE



LEGEND

- CLASS 1 SEEDING AND EROSION CONTROL BLANKET (WITH FERTILIZER)
- CLASS 1A SEEDING AND EROSION CONTROL BLANKET (WITH FERTILIZER)
- CLASS 4A SEEDING AND HEAVY DUTY EROSION CONTROL BLANKET (WITH FERTILIZER)
- PERIMETER EROSION BARRIER

FERTILIZER REQUIREMENTS

- NITROGEN FERTILIZER NUTRIENT (90 LBS/AC)
- POTASSIUM FERTILIZER NUTRIENT (90 LBS/AC)
- PHOSPHORUS FERTILIZER NUTRIENT (90 LBS/AC)

- CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2 1/2" CALIPER TREE FORM, BALLED AND BURLAPPED
- CORNUS MAS (CORNELIAN CHERRY DOG WOOD), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED
- SYRINGA RETICULATA (JAPANESE TREE LILAC) 2 1/2" CALIPER TREE FORM, BALLED AND BURLAPPED
- INLET FILTER
- TEMPORARY DITCH CHECK
- RIP RAP

THE THICKNESS OF THE TOPSOIL/VEGETATION SUSTAINING SOIL SHALL BE A MINIMUM OF 4".

Plotted: February 2, 2010 @ 10:04 AM By: Kris Pung - Tab: 71-KEYES NORTH LOT LAND (22x34)
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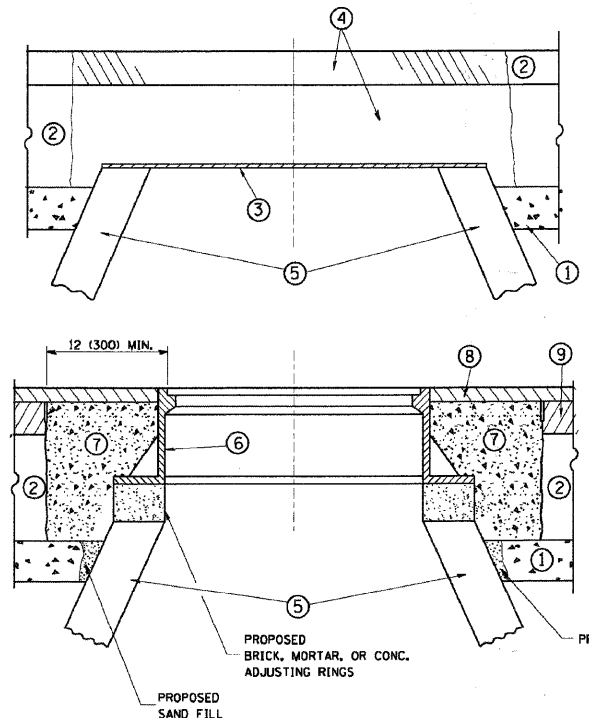
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**KEYES AVENUE - PROPOSED NORTH LOT
LANDSCAPING AND EROSION CONTROL PLAN**

PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SCALE: 1"=20'	SHEET NO. 66 OF 92 SHEETS
STA. N/A	TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	71
FED. ROAD DIST. NO. - (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 63406	

Path: \\SOSKPROV\IA0667\DWG\IA0628\DWG.FINAL.ENC\IA0667-LANDSCAPE



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 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.

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.

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.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000 "/ IN.	CHECKED -	REVISED - R. WIEDEMAN 05-14-04
	PLOT DATE = 1/4/2008	DATE - 10-25-94	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	72
BD600-03 (BD-8)			CONTRACT NO.	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

Plotted: February 1, 2010 @ 2:09 PM By: Kish Punj - Tab: 72-BD08 IDOT Det (22x34)

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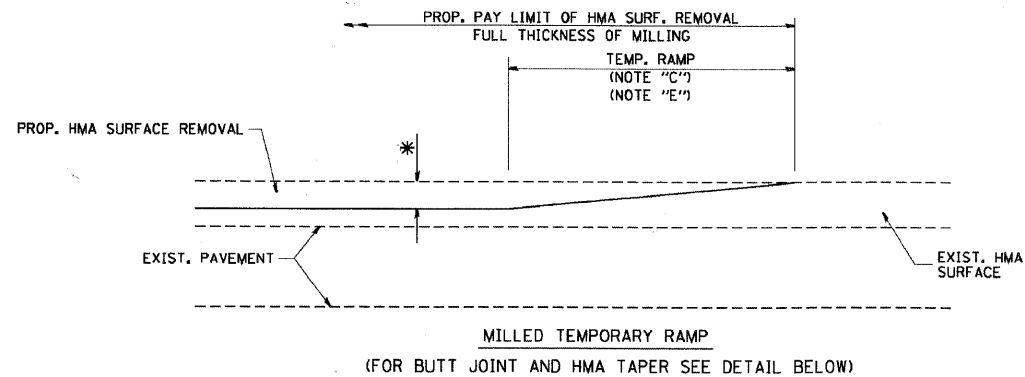
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

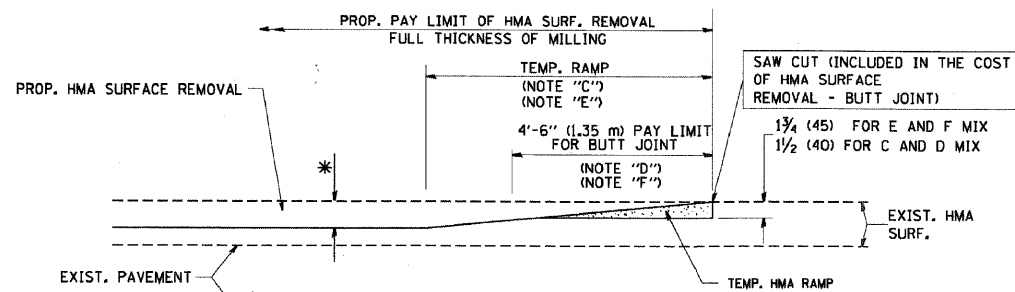
DISTRICT ONE TYPICAL DETAILS			
SCALE: N/A	SHEET NO. 67 OF 92 SHEETS	STA. N/A	TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	72
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63406	

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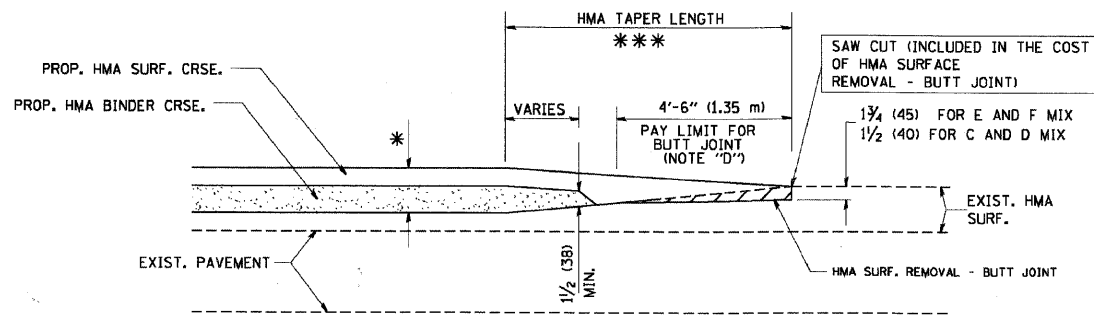
OPTION 1



HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

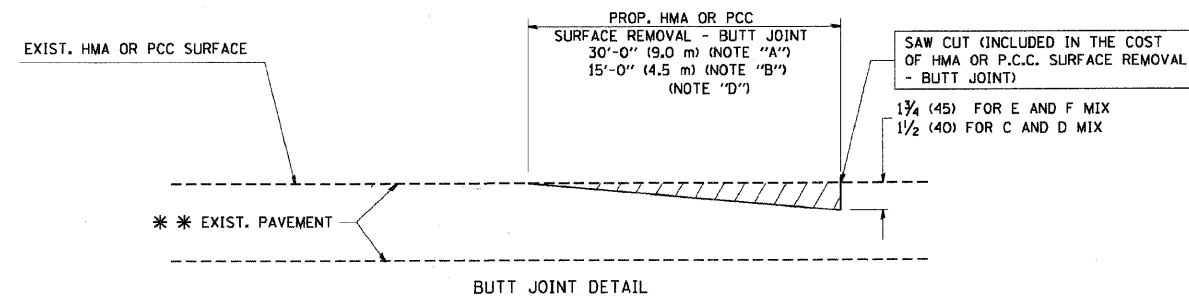
OPTION 2

TYPICAL TEMPORARY RAMP

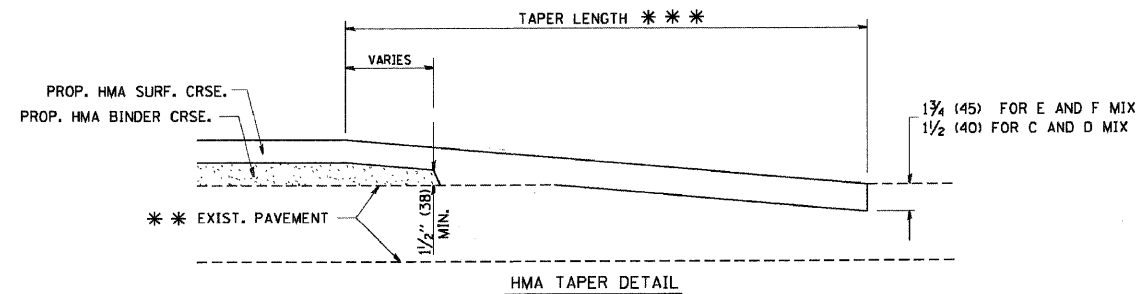


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

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.

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		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 60.0000 1/2 IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINT AND HMA TAPER DETAILS	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	73
BD400-05 BD32 CONTRACT NO.				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

Plotted: February 1, 2010 @ 2:11 PM By: Kish Pung - Tab: 73-BD32 IDOT Det (22x34)

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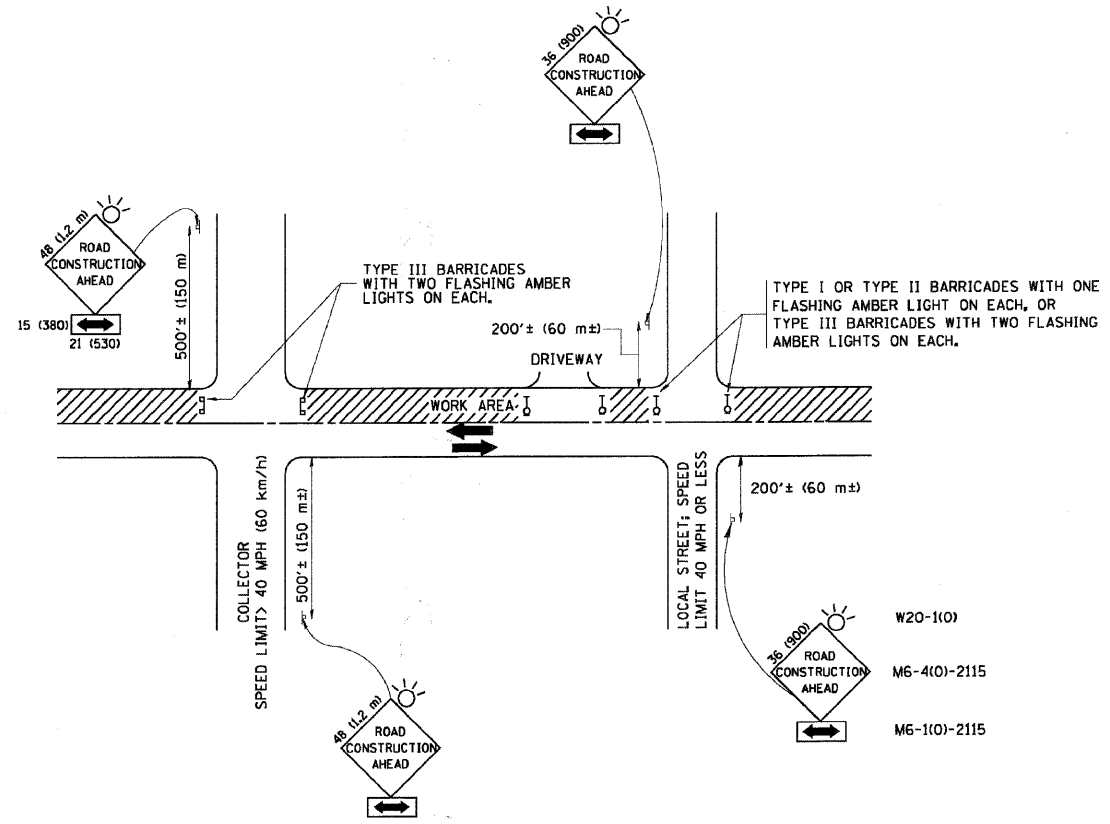
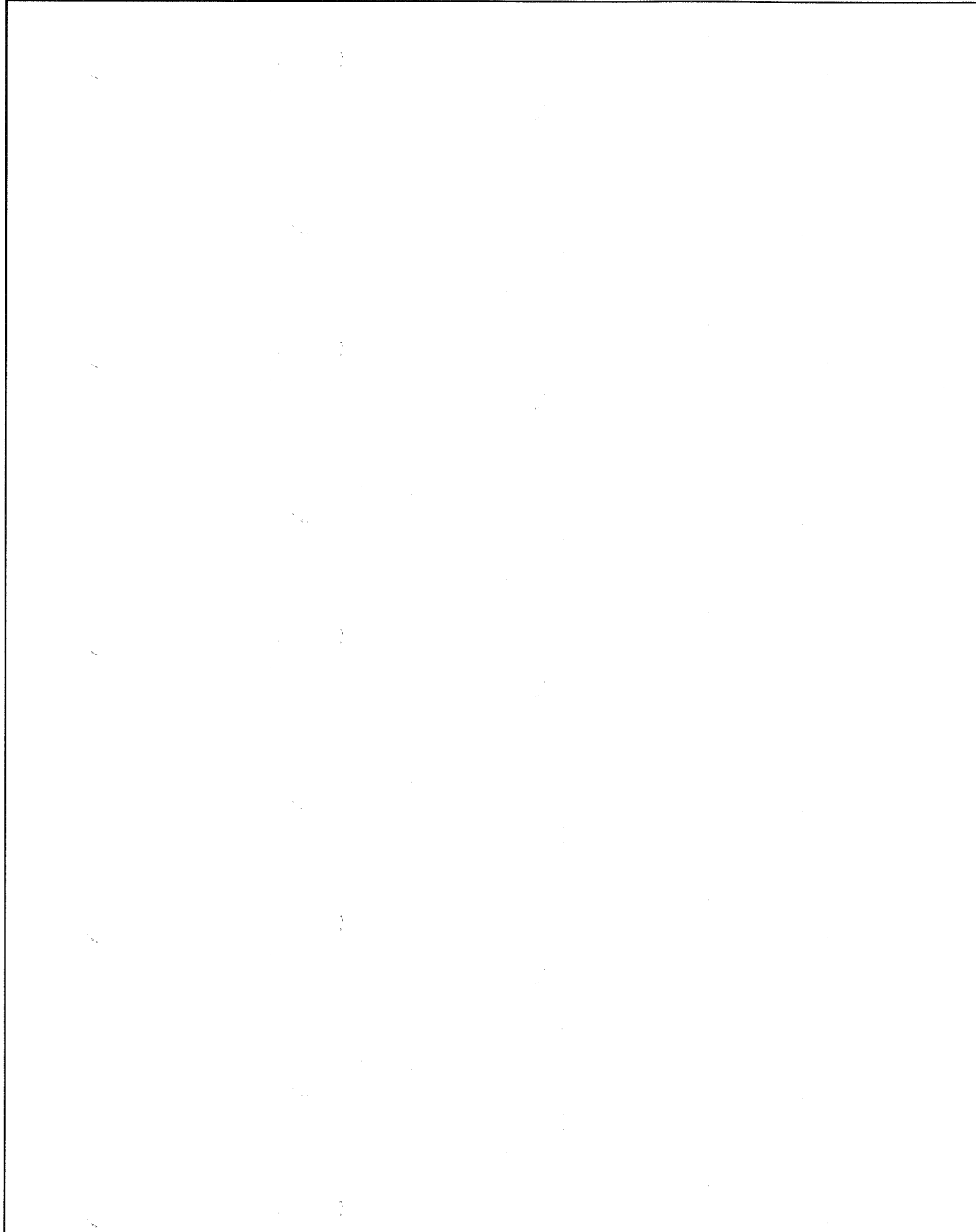
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE TYPICAL DETAILS	
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	73
CONTRACT NO. 63406				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

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Plotted: February 1, 2010 @ 2:11 PM By: Kris Pung - Job: 74-TC10.DOT Det. (22x34)



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.
- 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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		DRAWN -	REVISED - A. HOUSEH 03-06-96
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	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-10			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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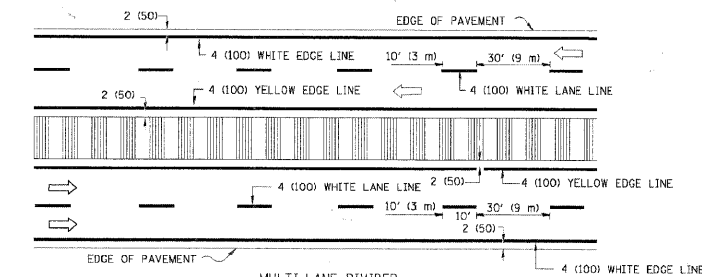
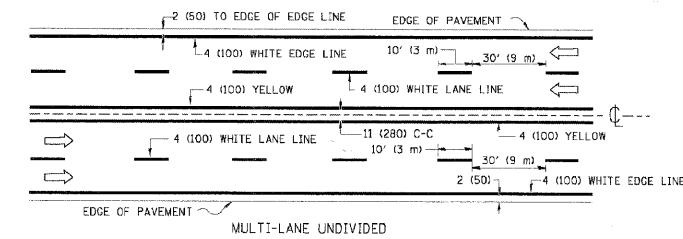
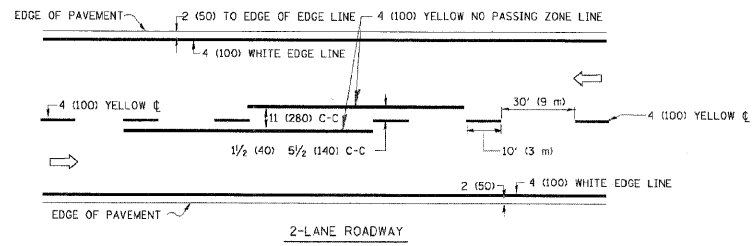
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE TYPICAL DETAILS

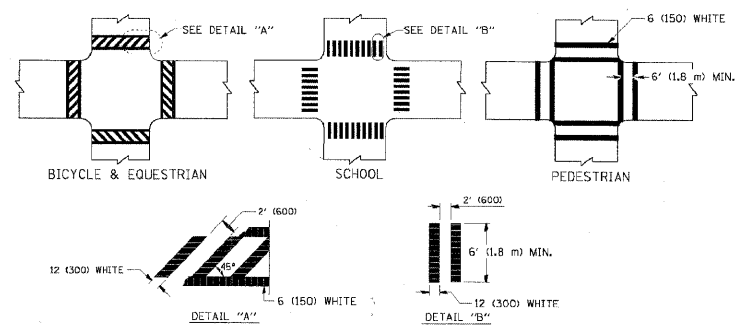
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N/A	06-00015-00-PV	KANE	97	74
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

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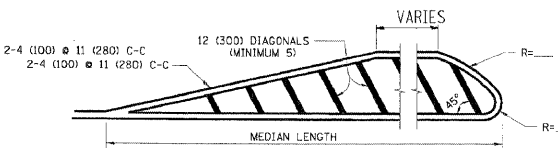
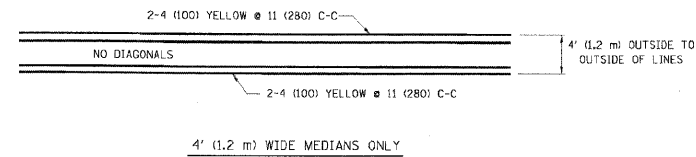


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

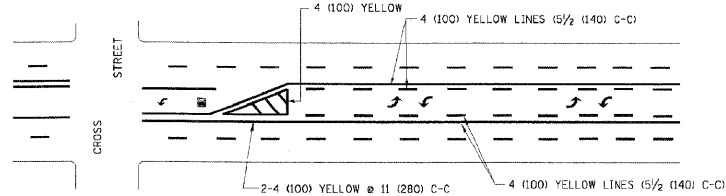


TYPICAL CROSSWALK MARKING

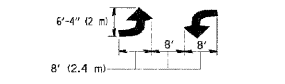


FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.
 DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
 75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
 150' (45 m) C-C (OVER 45MPH (70 km/h))

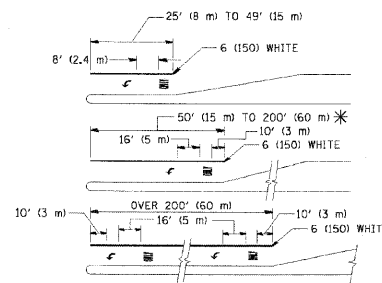
MEDIANS OVER 4' (1.2 m) WIDE



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.



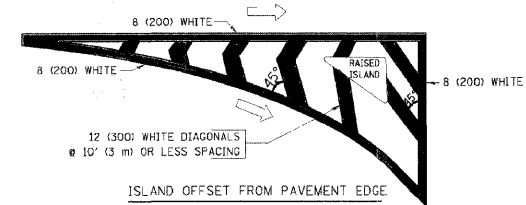
TYPICAL PAINTED MEDIAN MARKING



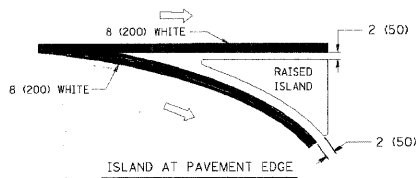
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



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 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"=36 SQ. FT. (3.3 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.

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	PLOT DATE = 9/9/2009	DATE - 03-19-90	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-13	KANE	97	75
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			CONTRACT NO.	

Plotted: February 1, 2010 @ 2:12 PM By: Kris Pung - Tab: 75-TC13.DOT Det (2x34)

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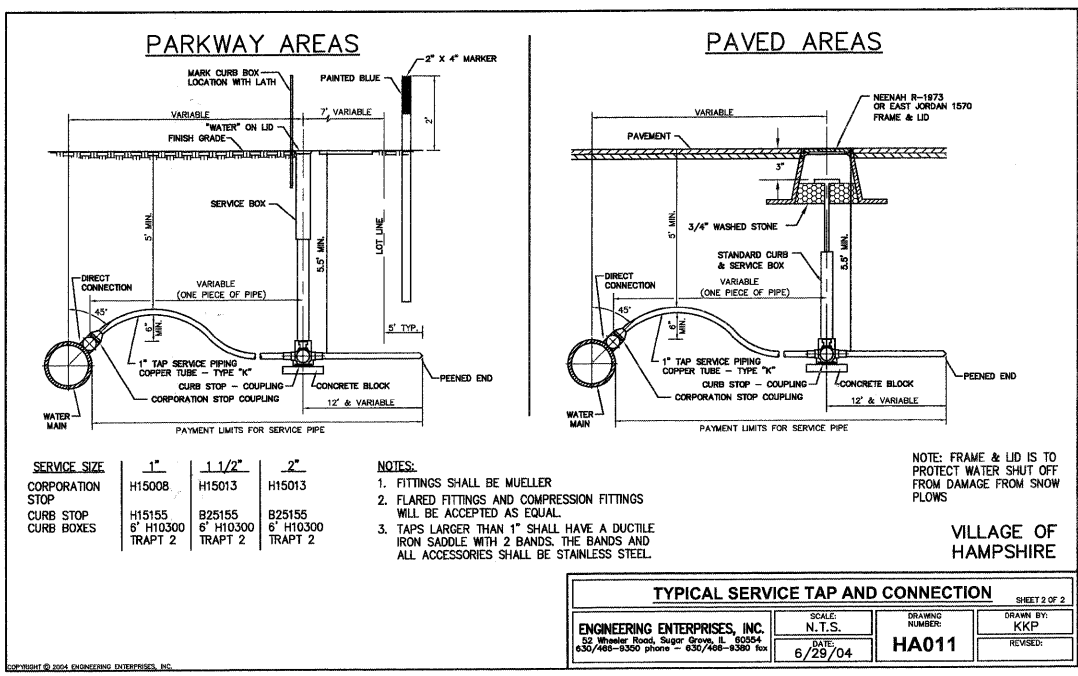
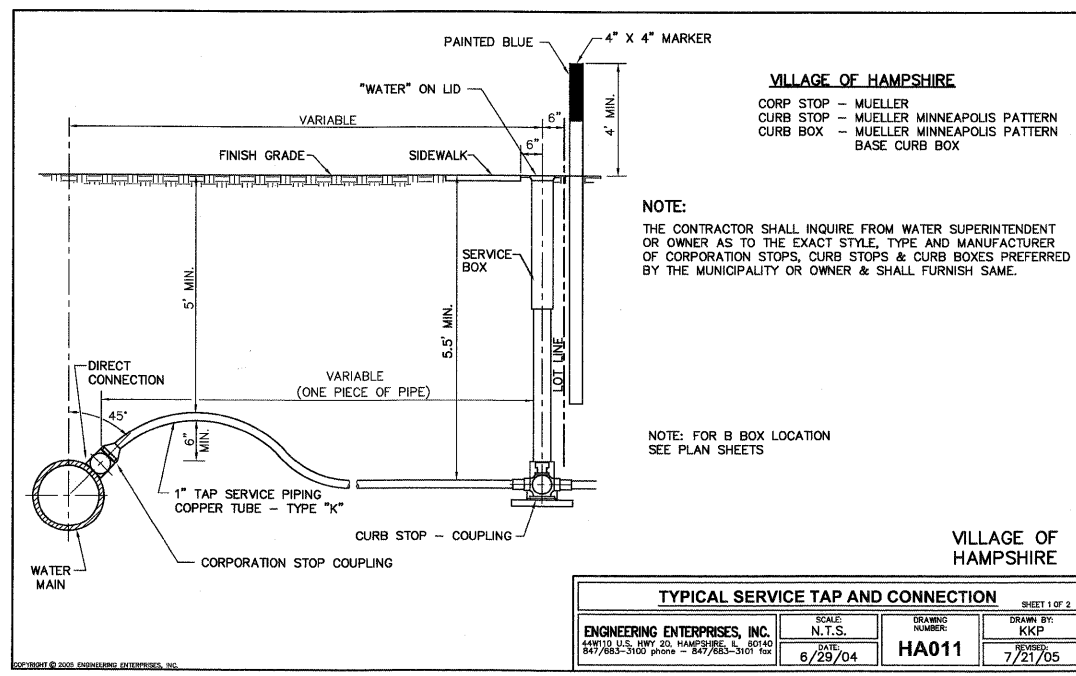
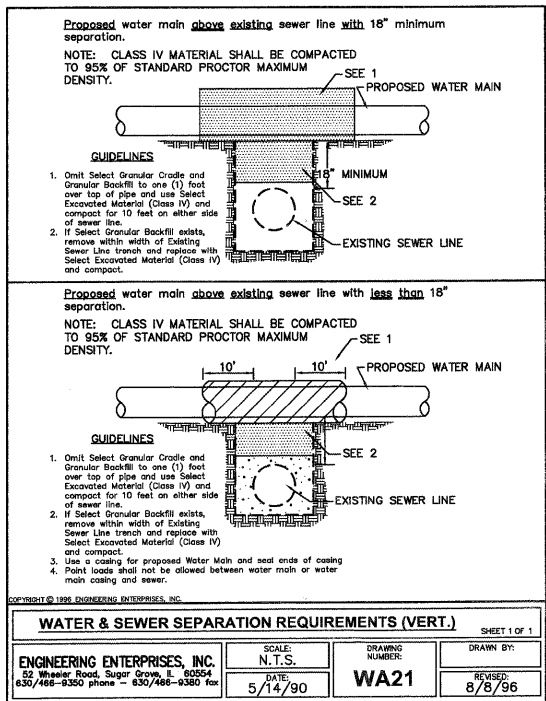
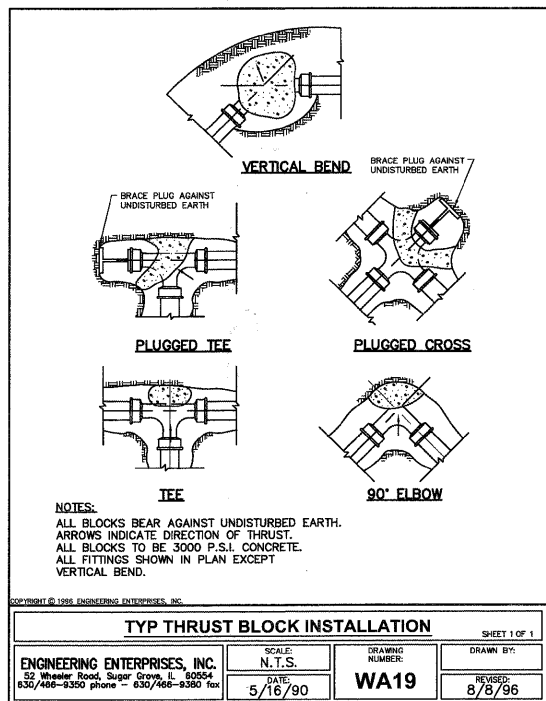
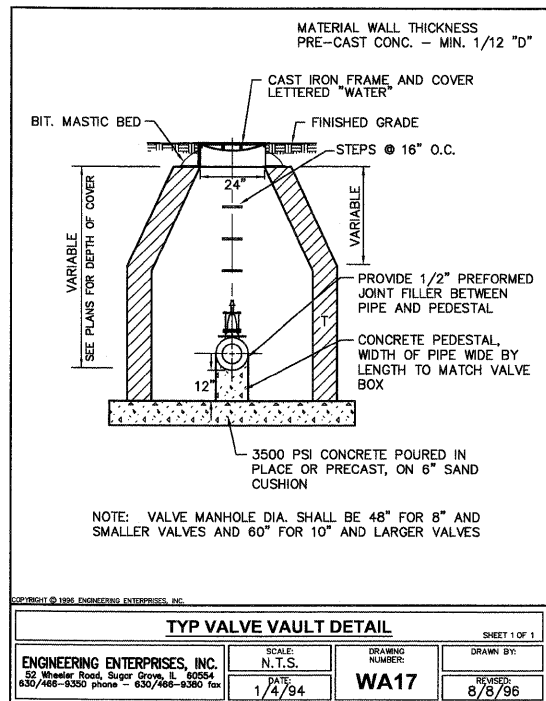
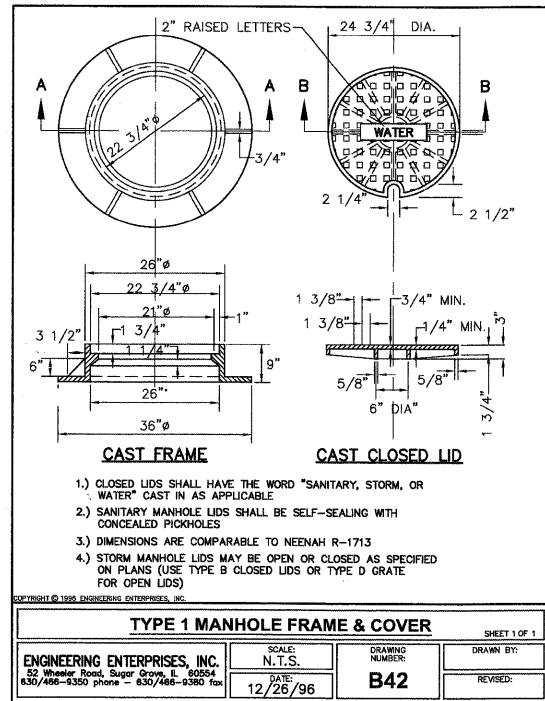
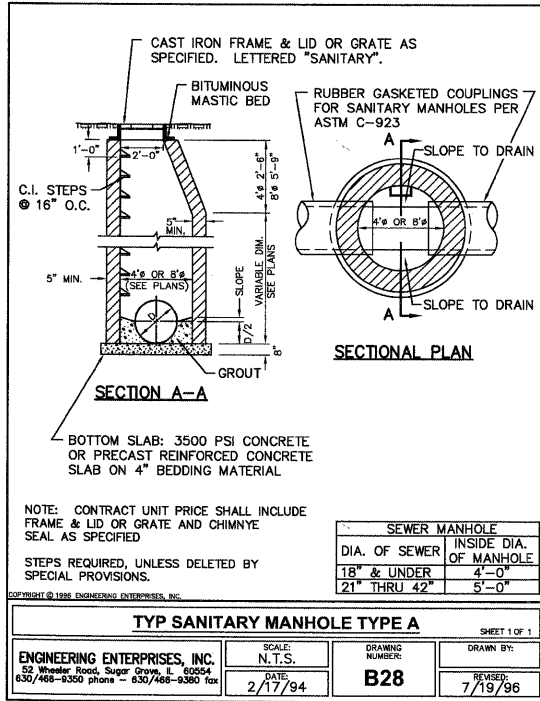
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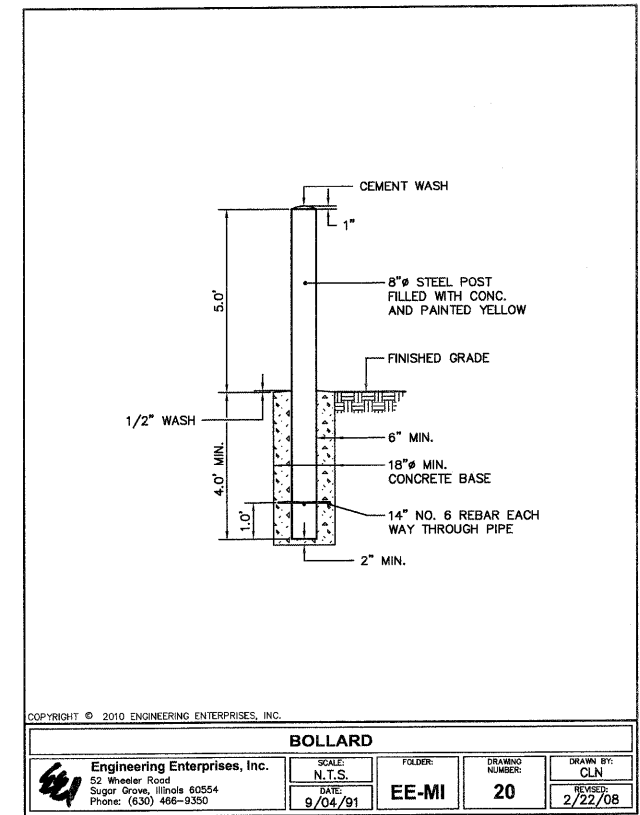
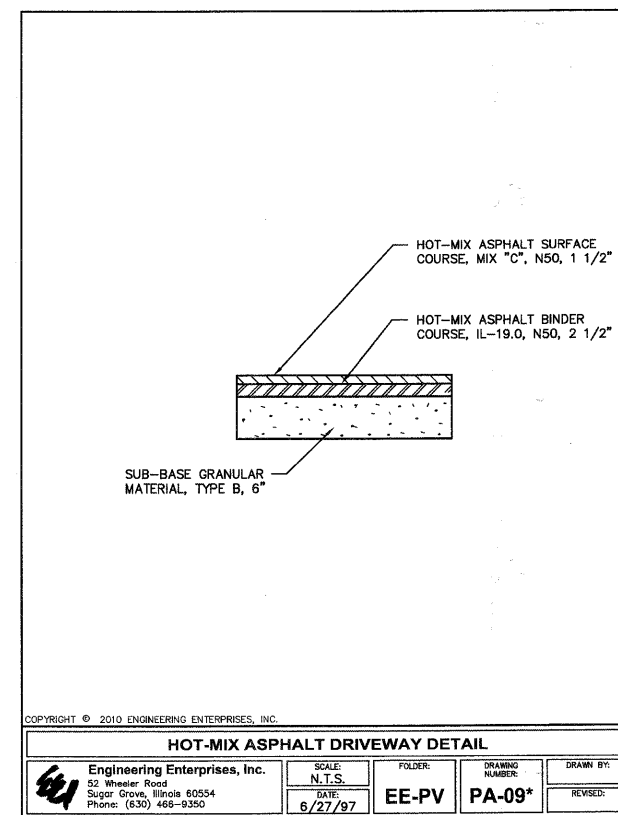
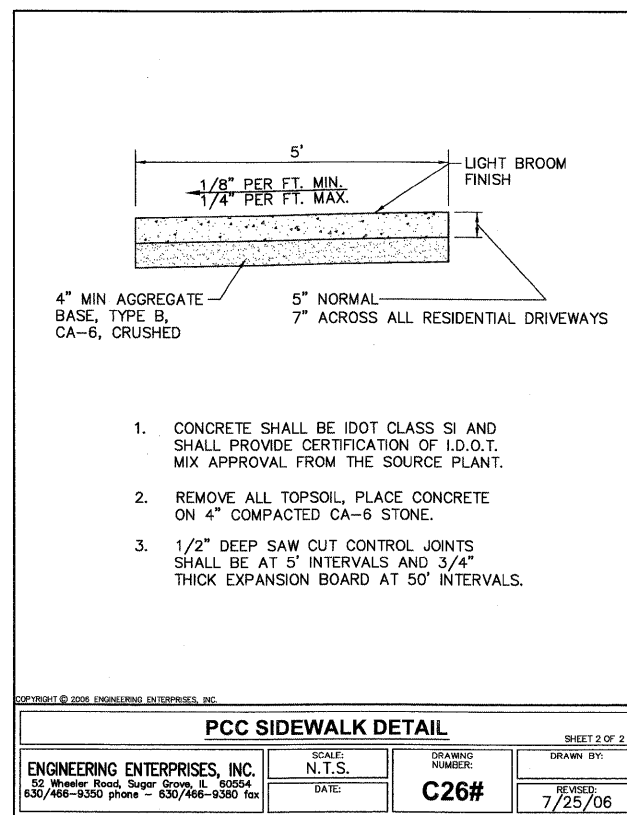
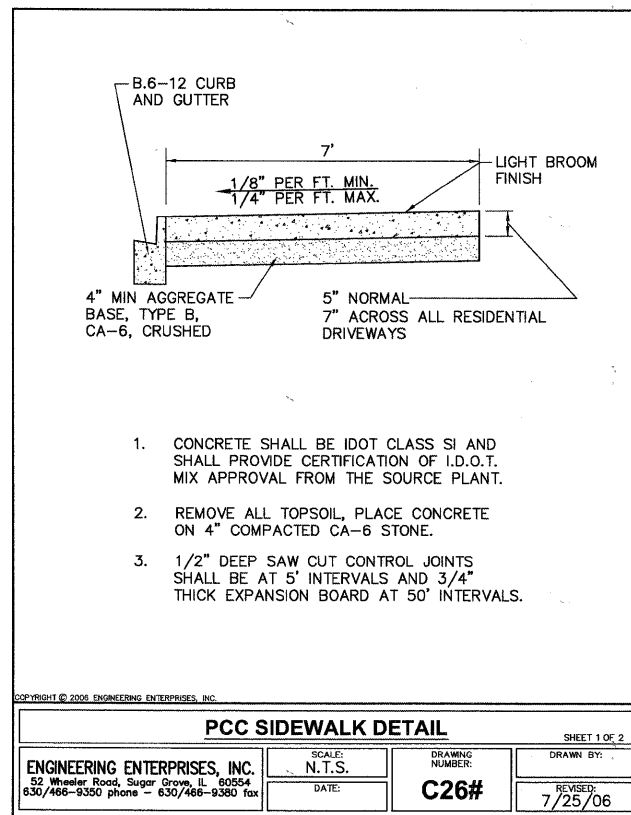
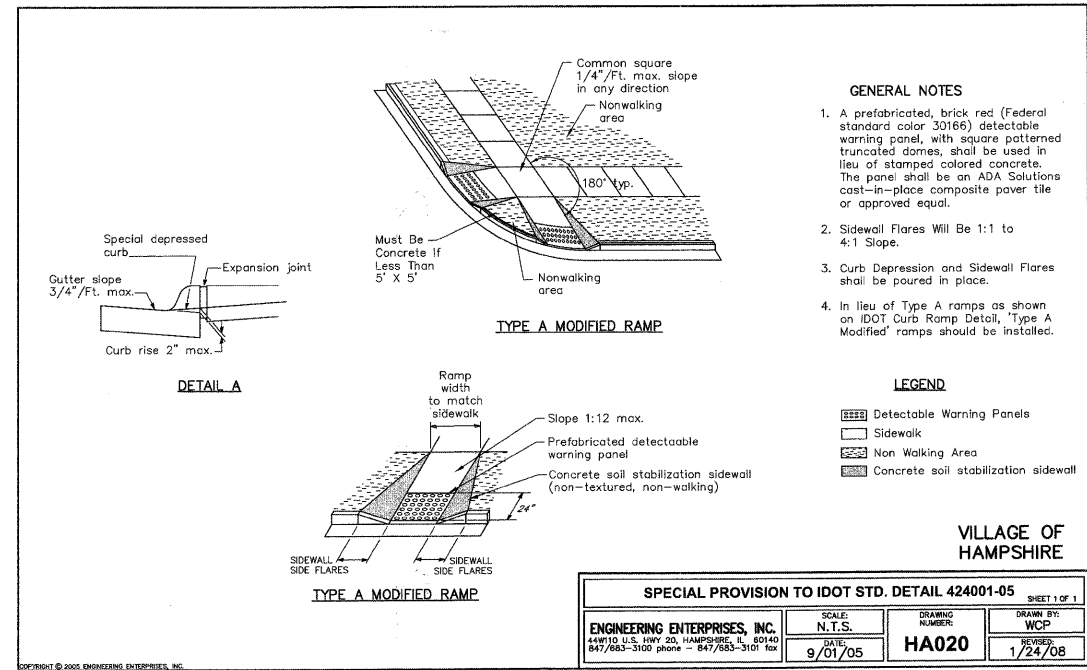
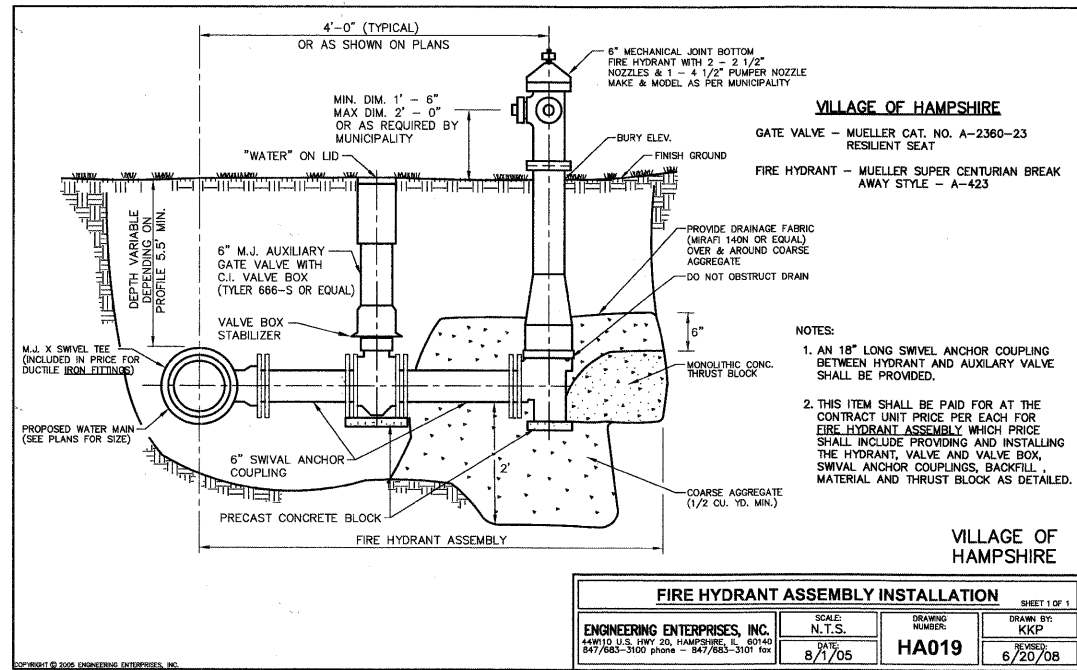
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL DETAILS

SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			N/A	06-00015-00-PV	KANE	97	75
SCALE: N/A			PROJECT NO. HPP-1468(004)		JOB NO. C-91-175-06		CONTRACT NO. 63406
SHEET NO. 69 OF 92 SHEETS			STA. N/A TO STA. N/A		FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT		

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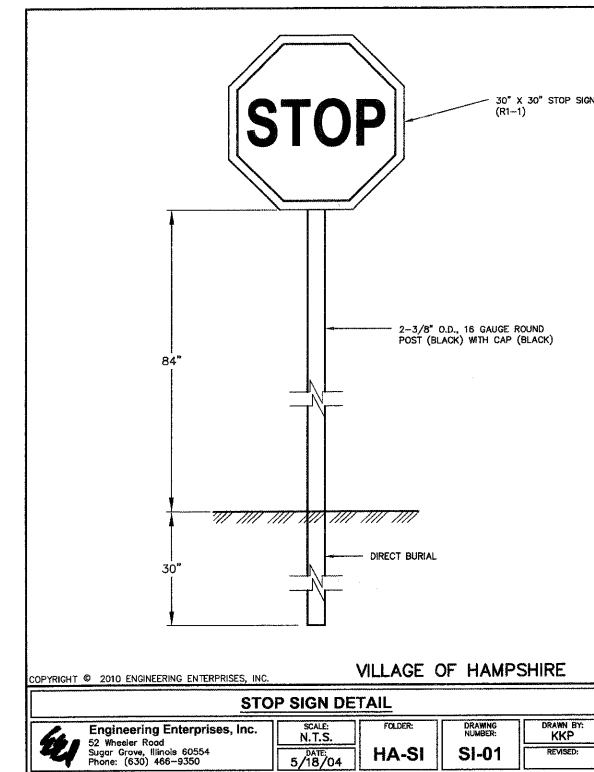
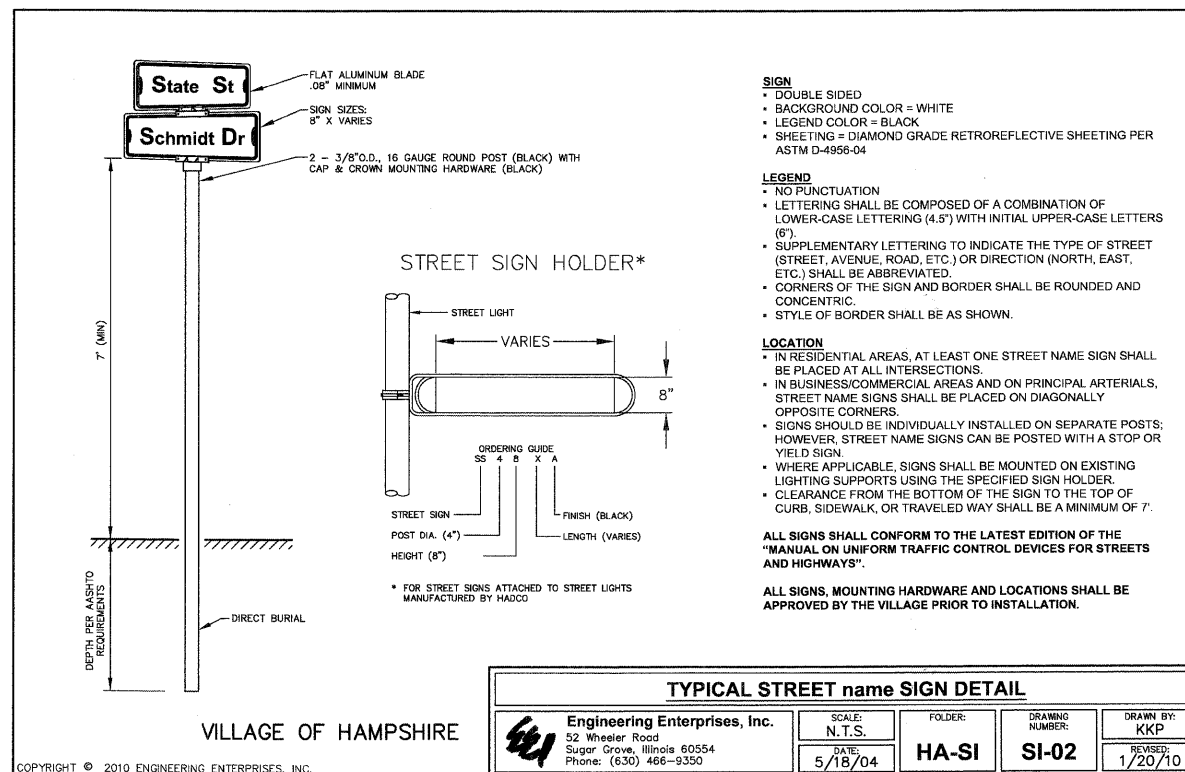
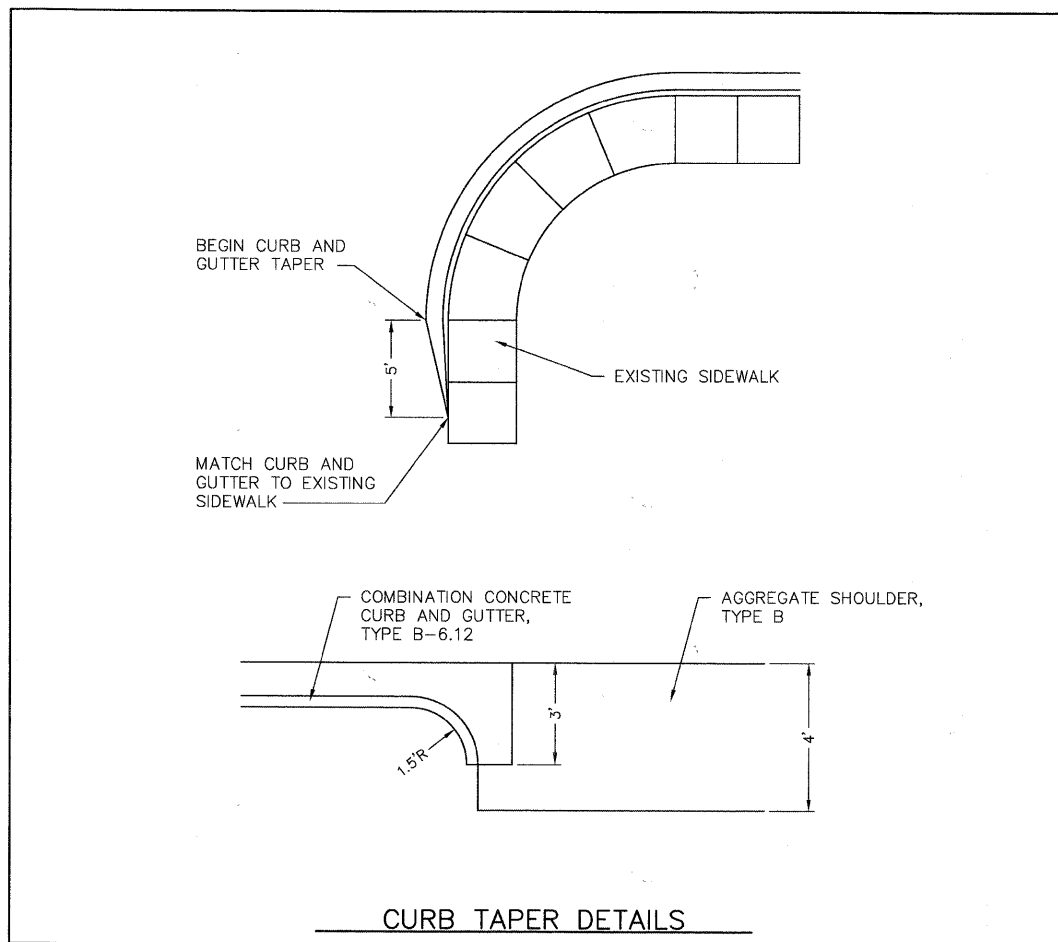
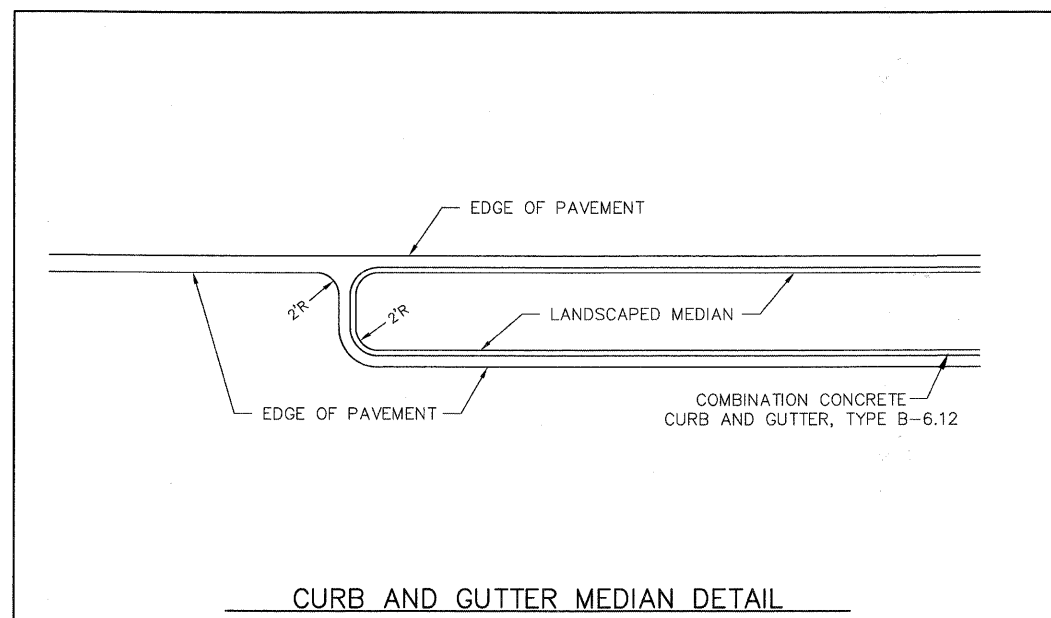
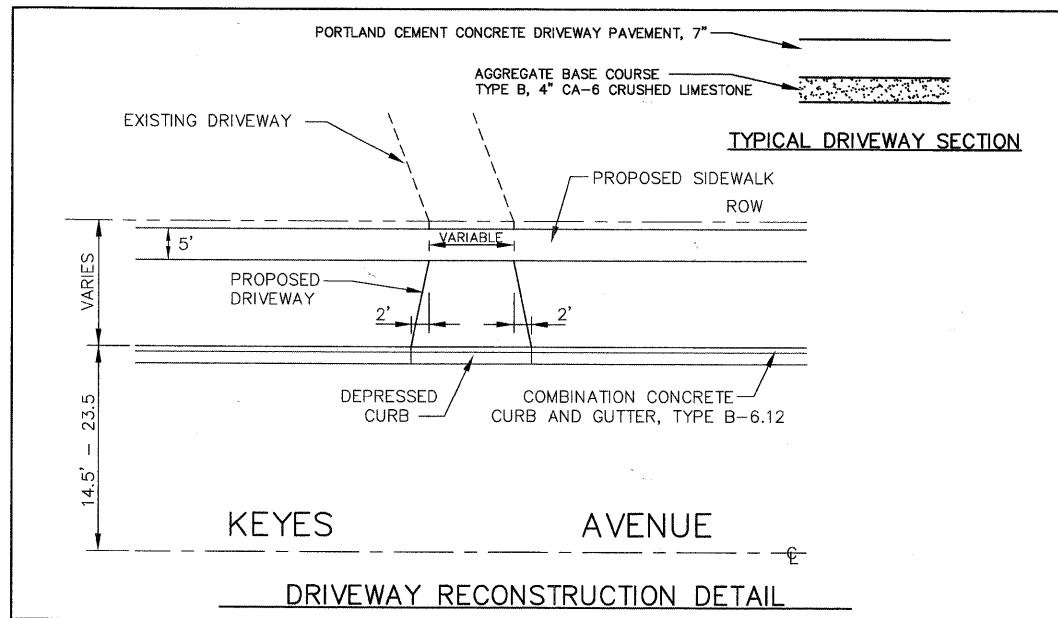




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CONTRACT NO. 63406												

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Plot: February 1, 2010 @ 2:13 PM By: Kris Pung - Job: 78-EE(Det) (22434)

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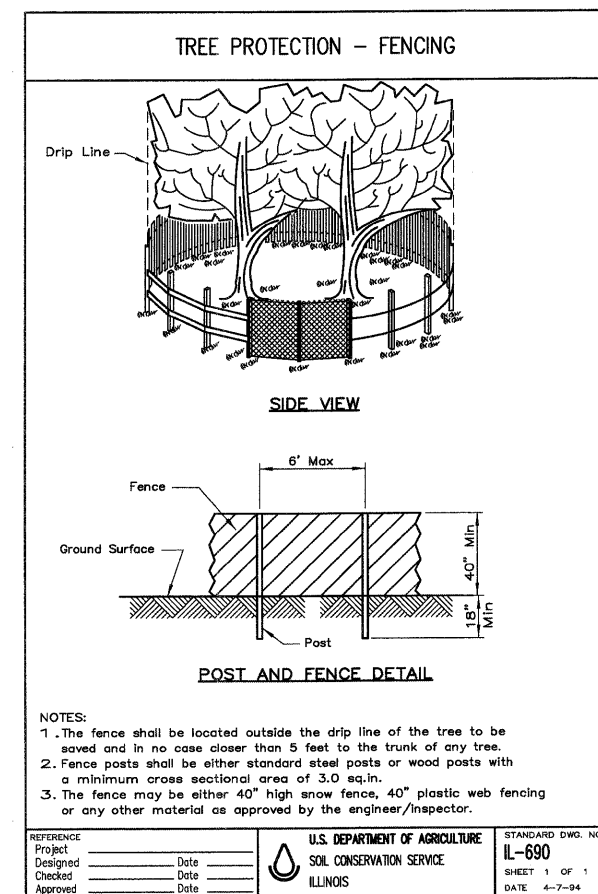
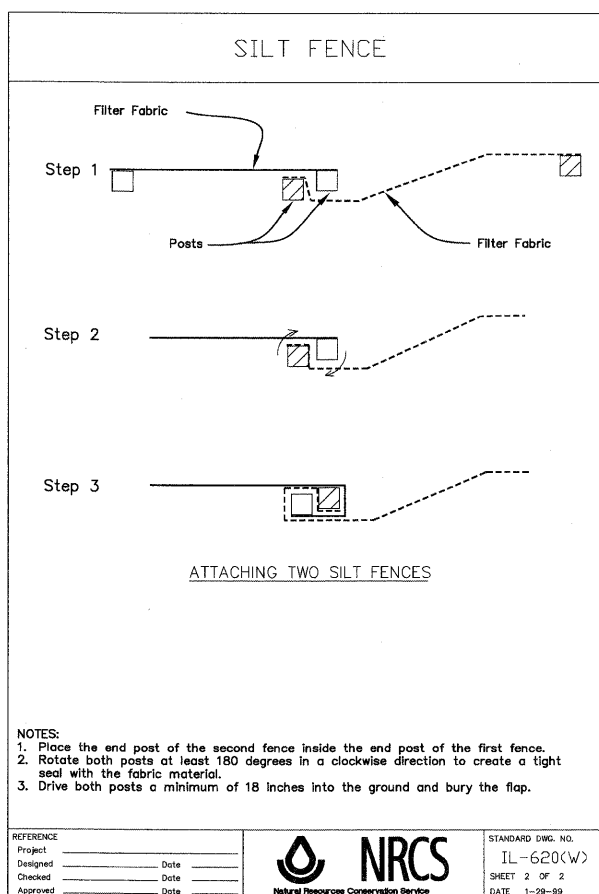
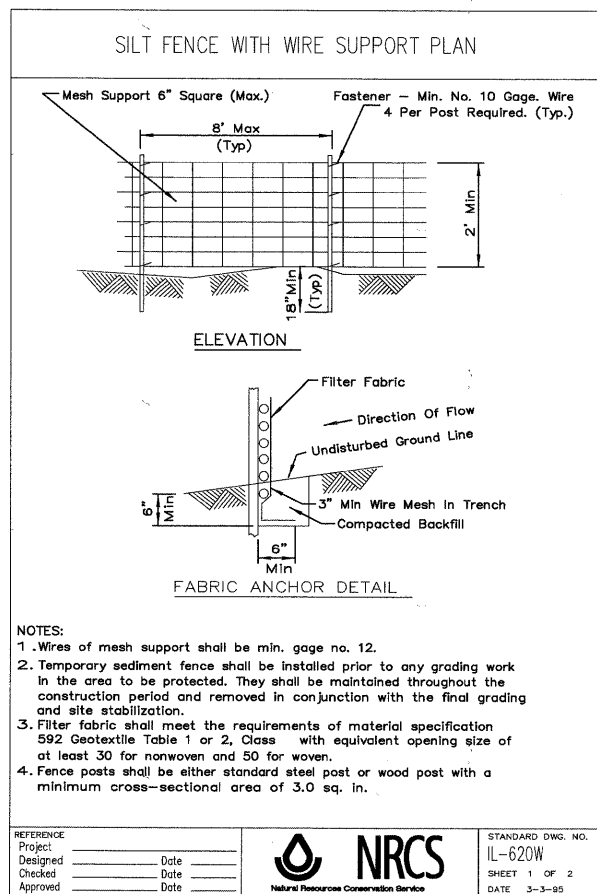
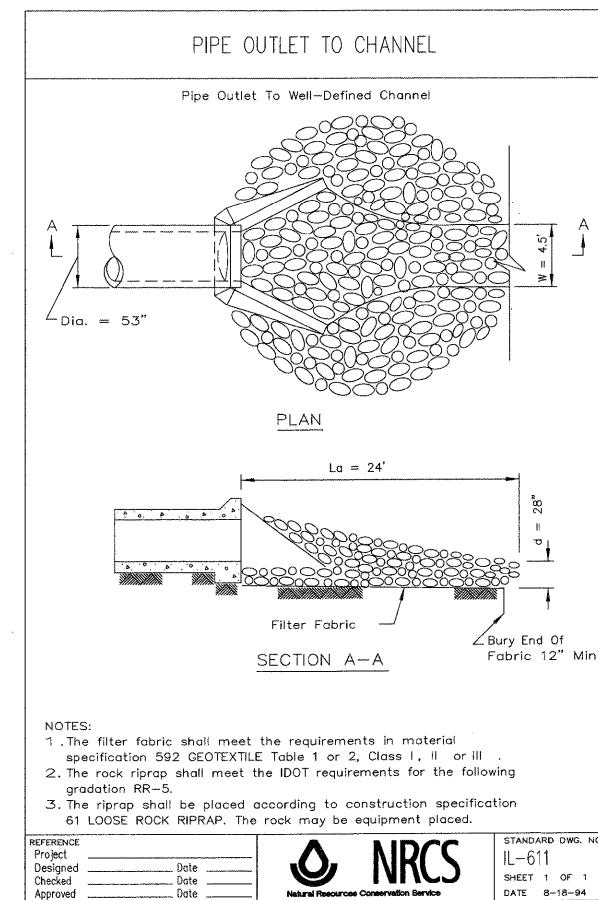
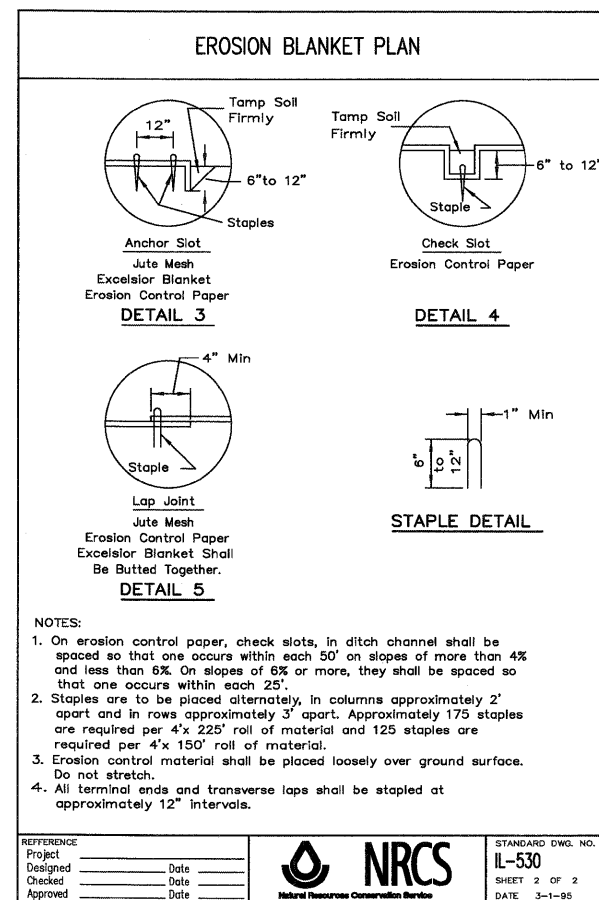
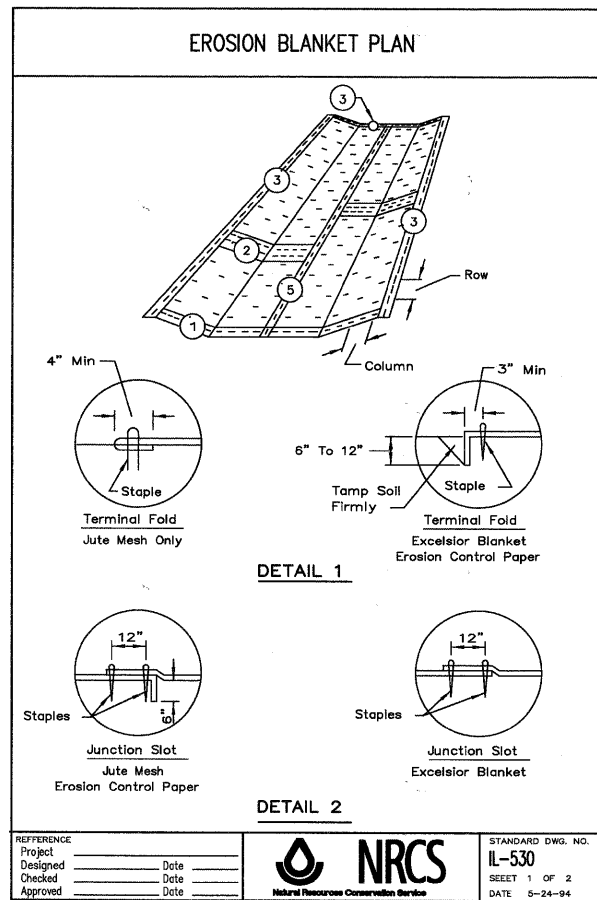
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPECIAL DETAILS

PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SCALE: N/A	SHEET NO. 72 OF 92 SHEETS
STA. N/A	TO STA. N/A

F.A. - RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	78
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT		CONTRACT NO. 63406		

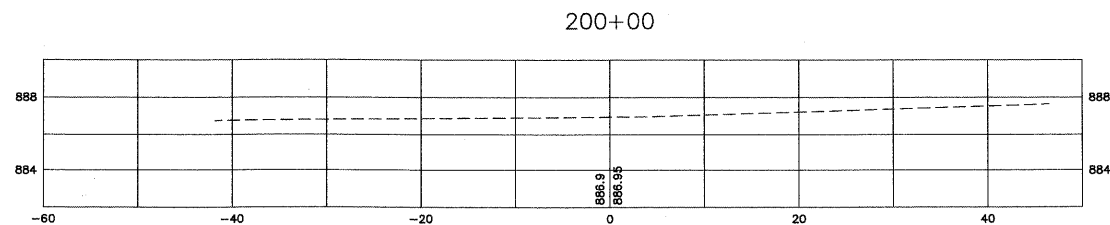
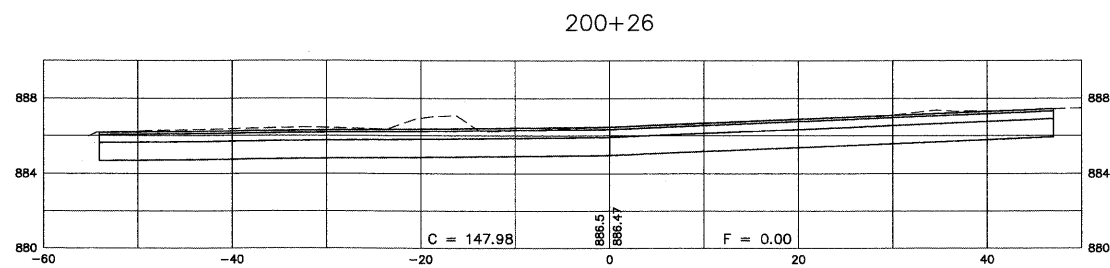
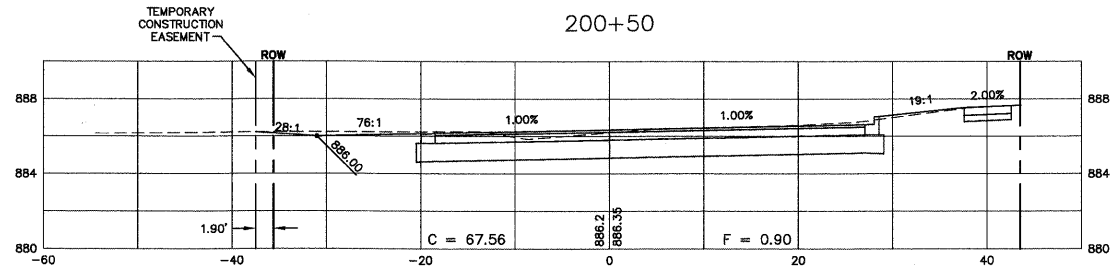
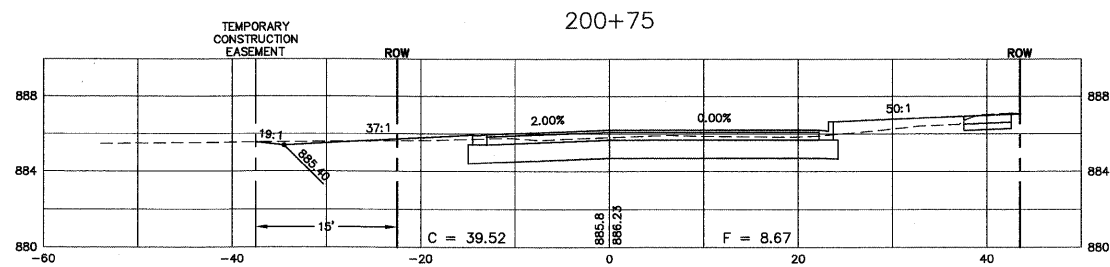
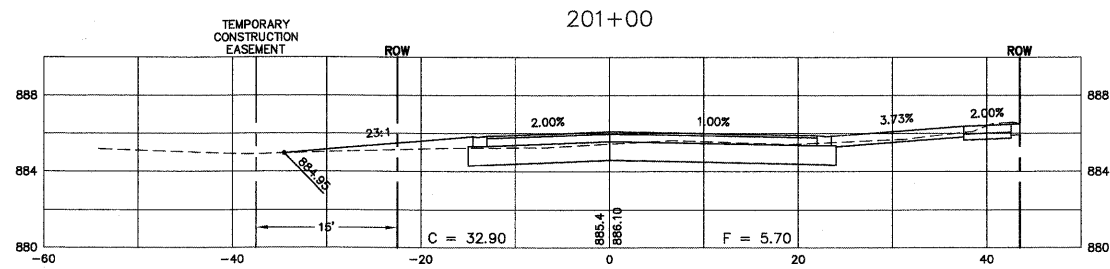
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Plotted: February 1, 2010 @ 2:14 PM By: Kris Pung - Tab: 79-EEI Det (22x34)
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					FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT						

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SCALE:
 HORZ. 1" = 10'
 VERT. 1" = 5'

Plotted: February 1, 2010 @ 3:19 PM By: Eric Pung Tab: 80-KEYS (22x34)

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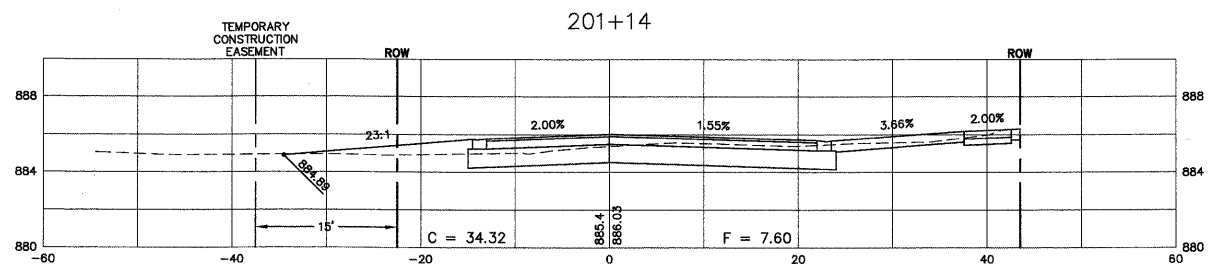
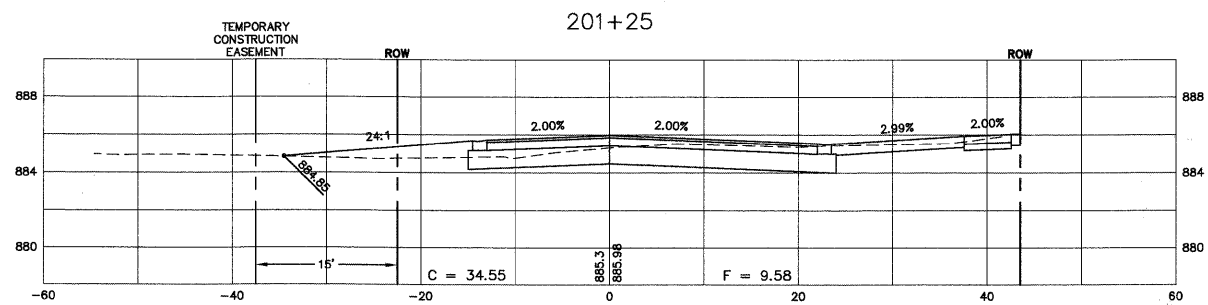
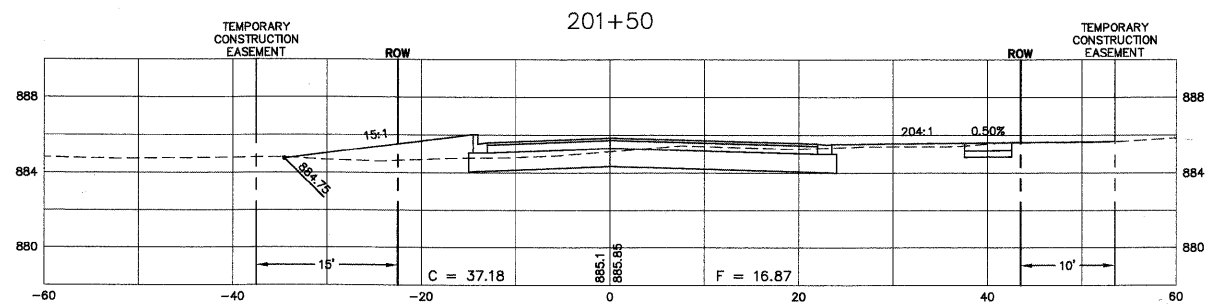
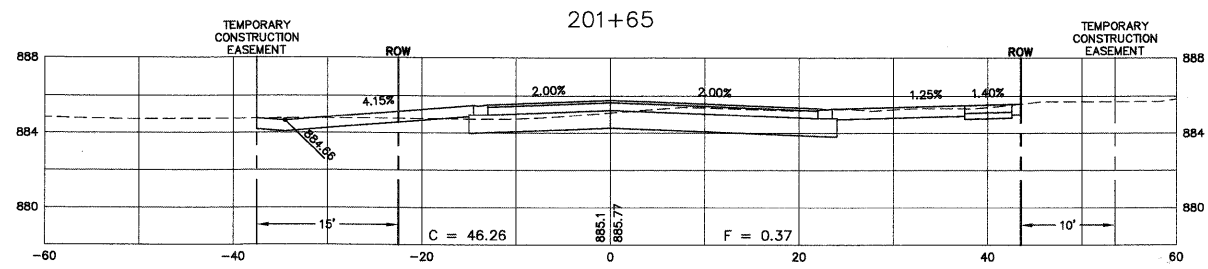
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	PLOT DATE = *DATE*	DATE - 10/16/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEYES AVENUE - CROSS SECTIONS	
PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SCALE: N/A	SHEET NO. 75 OF 92 SHEETS STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	80
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 63406	

FOR: H:\USRC\PROJ\H40567\DWG\H40567-06\FINAL\ENG\H40567-ASECTION



SCALE:
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 VERT. 1" = 5'

Plotted: February 1, 2010 @ 3:20 PM By: Kris Pung - Tab: 81-KEYES (22x34)

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DESIGNED - JAM, SWM	REVISD - 12/02/09
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DATE - 10/16/09	REVISD -

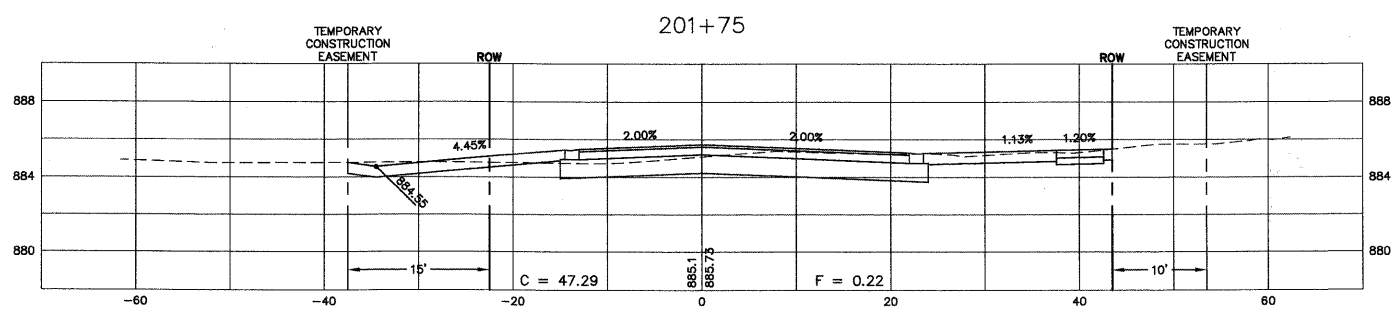
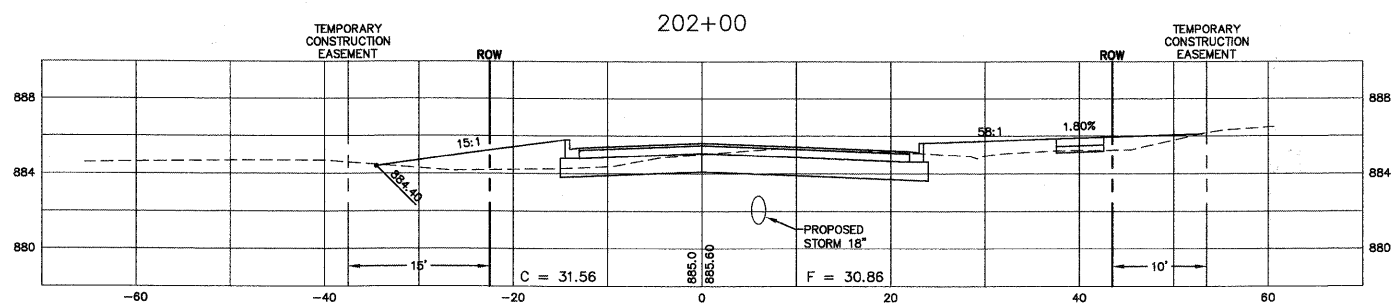
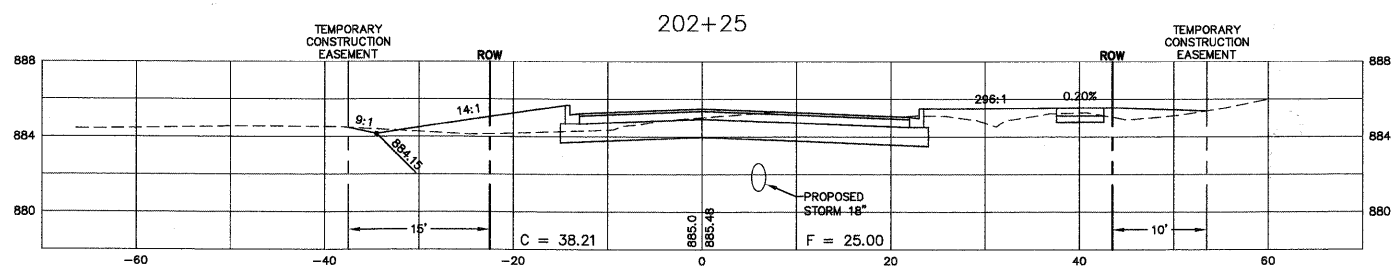
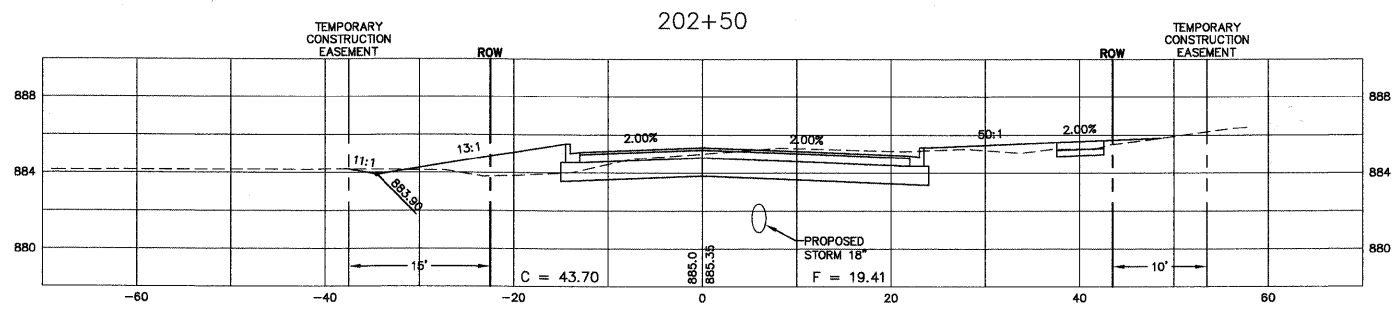
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEYES AVENUE - CROSS SECTIONS	
PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SHEET NO. 76 OF 92 SHEETS	STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	81
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63406	

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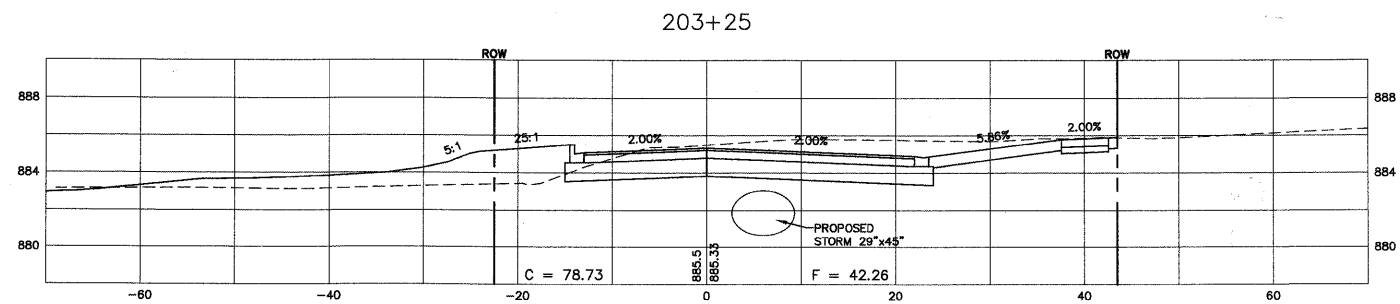
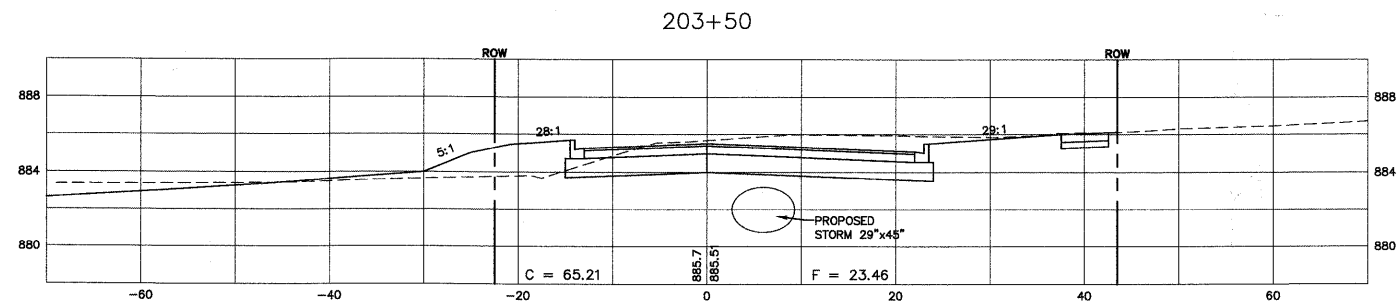
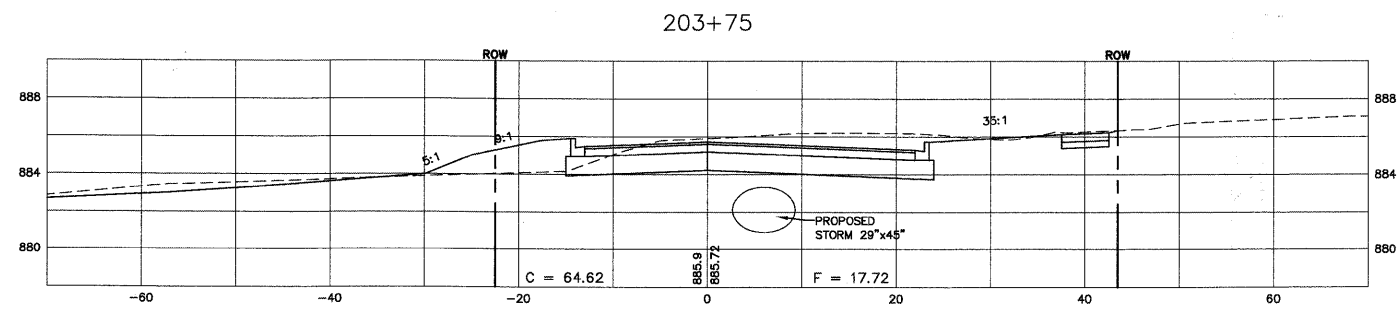
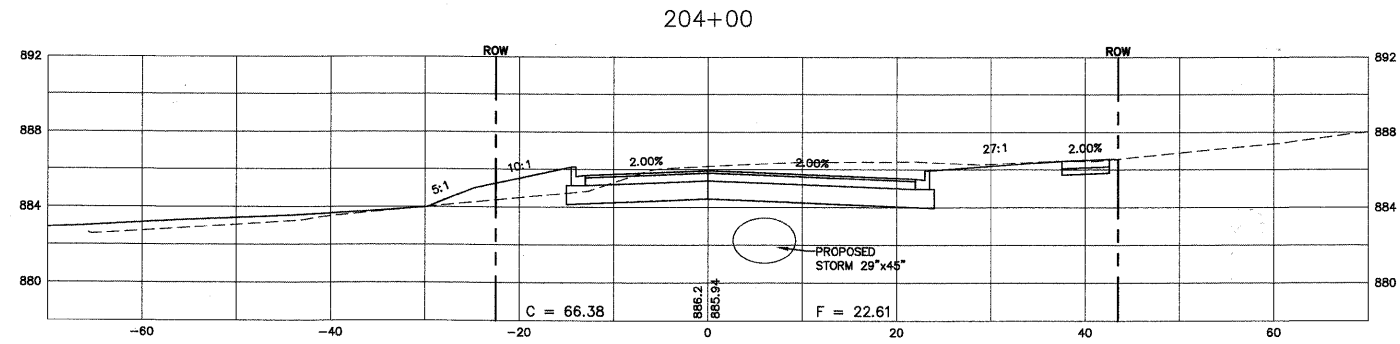


SCALE:
 HORZ. 1" = 10'
 VERT. 1" = 5'

Plotted: February 1, 2010 @ 3:21 PM By: Kris Pung - Tab: 82-KEYES (22-34)

COPYRIGHT © 2010 ENGINEERING ENTERPRISES, INC.				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				KEYES AVENUE - CROSS SECTIONS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE NAME	USER NAME = #USER#	DESIGNED - JAM, SWM	REVISED - 12/02/09									N/A	06-00015-00-PV	KANE	97	82
#FILE#		DRAWN - KKP	REVISED - 01/22/10	PROJECT NO. HPP-1468(004)		JOB NO. C-91-175-06		CONTRACT NO. 63406								
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SCALE:
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 VERT. 1" = 5'

Plotted: February 1, 2010 @ 3:22 PM By: Kib Pung - Tab: 84-KEYES (22354)

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DATE - 10/16/09	REVIS	-----

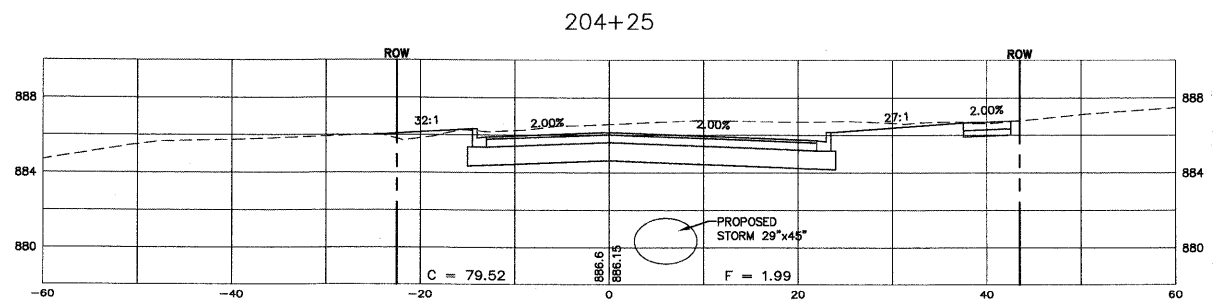
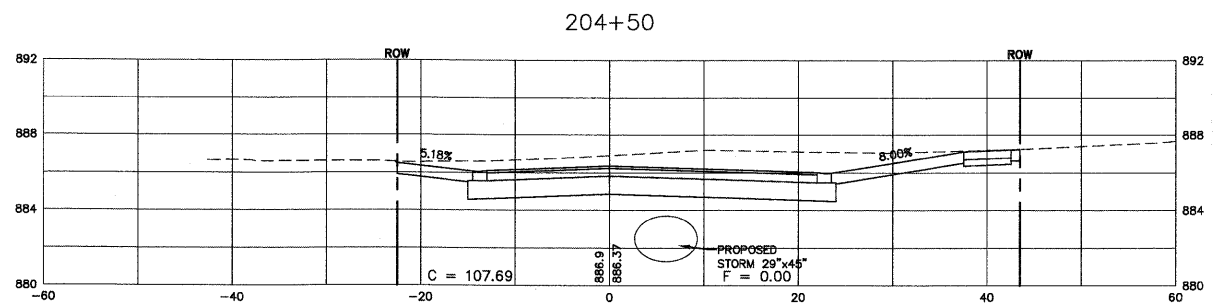
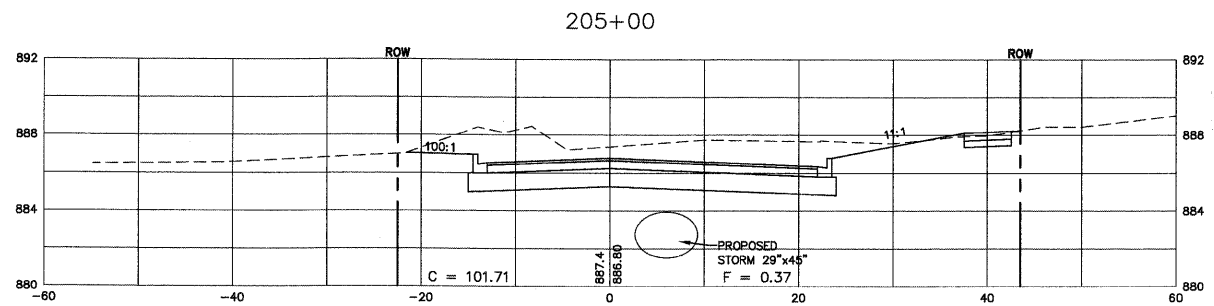
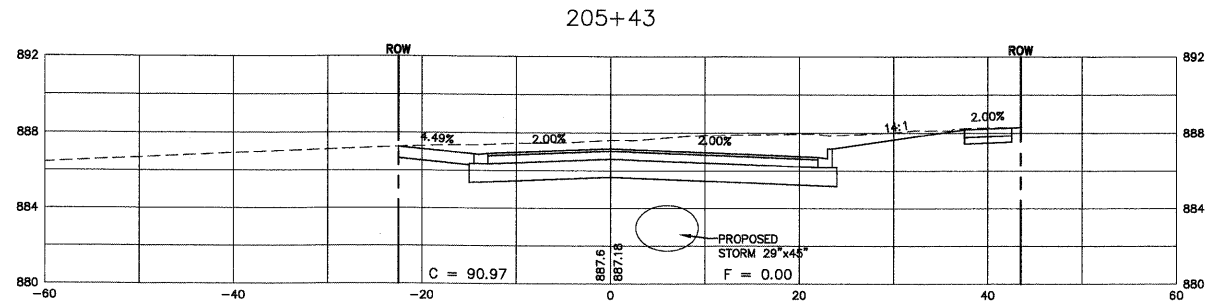
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

KEYES AVENUE - CROSS SECTIONS

PROJECT NO. HPP-1468(004) JOB NO. C-91-175-06
 SHEET NO. 79 OF 92 SHEETS STA. N/A TO STA. N/A
 SCALE: N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	84
CONTRACT NO. 63406				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

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SCALE:
HORZ. 1" = 10'
VERT. 1" = 5'

Plotted: February 1, 2010 @ 3:23 PM By: K's Print - Tab: 85-KEYES (22x34)

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DESIGNED - JAM, SWM	REVIS	12/02/09
DRAWN - KKP	REVIS	01/22/10
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DATE - 10/16/09	REVIS	

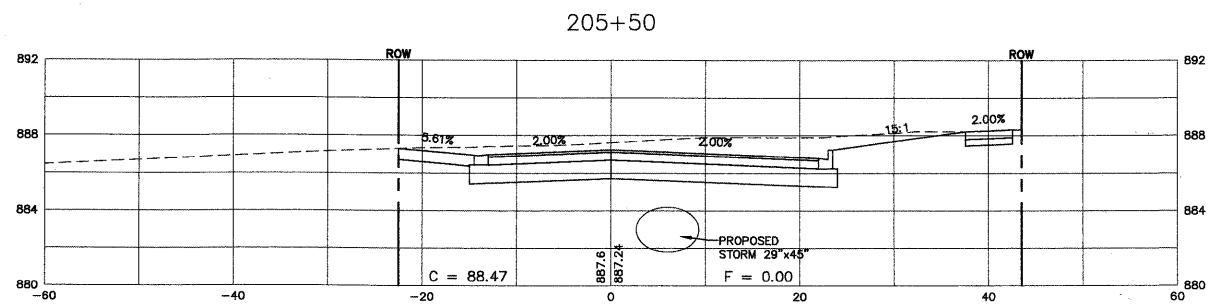
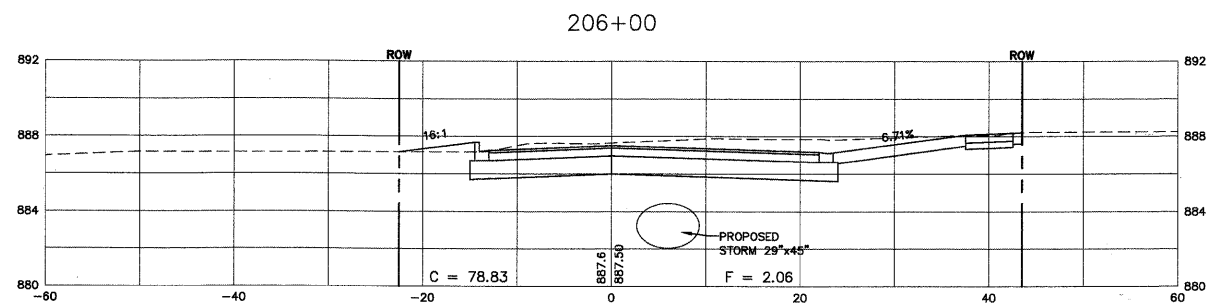
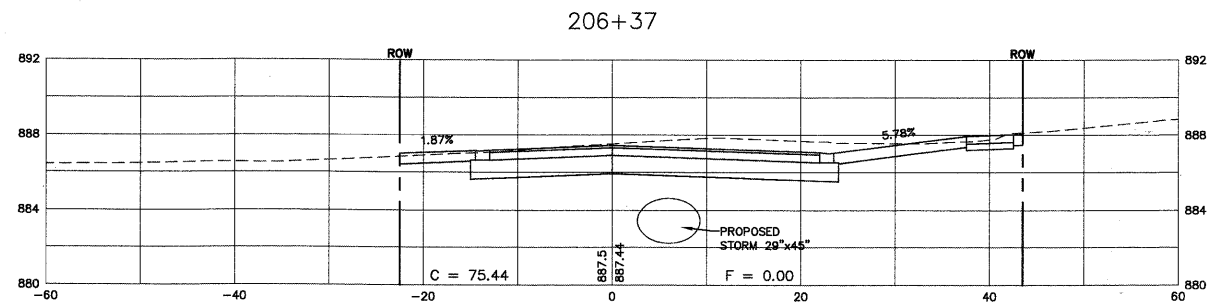
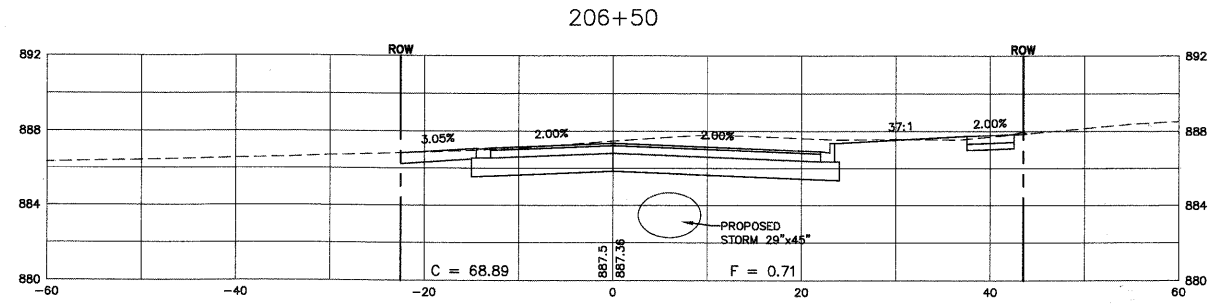
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

KEYES AVENUE - CROSS SECTIONS

PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SHEET NO. 80 OF 92 SHEETS	STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	85
CONTRACT NO. 63406				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

PATH: \\S:\PROJ\1468\146867\DWG\146867.DWG FINAL ENG\146867-XSECTION



SCALE:
 HORZ. 1" = 10'
 VERT. 1" = 5'

Plotted: February 1, 2010 @ 3:23 PM By: Kris Pung - Tab: 86-KEYES (22-34)

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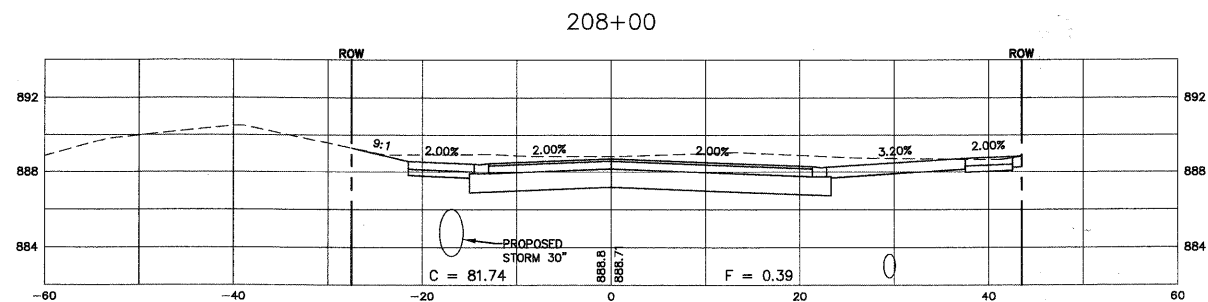
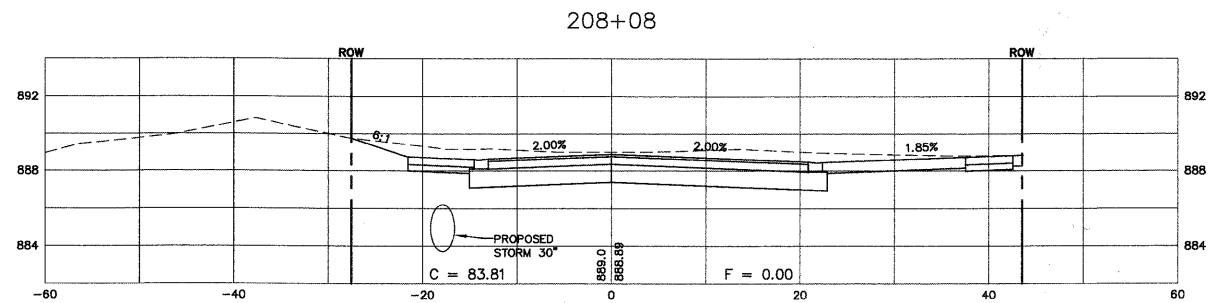
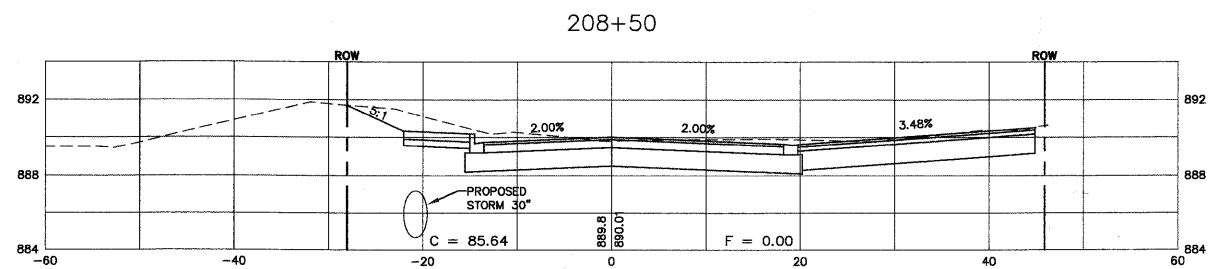
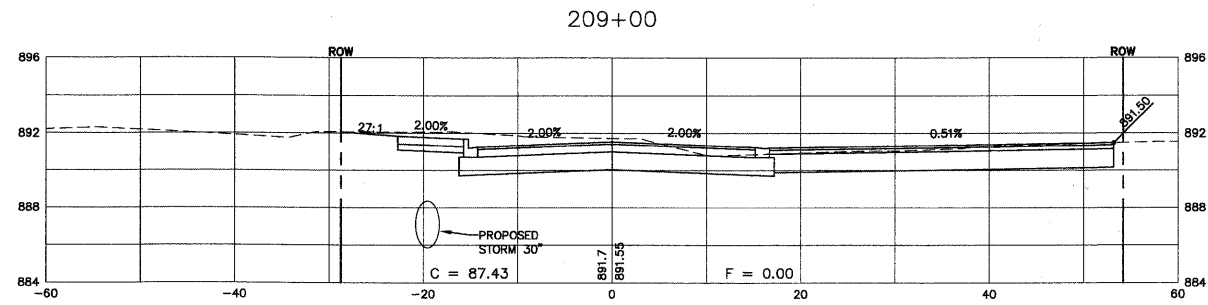
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		CHECKED - JAM	REVISED - 02/03/10
		DATE - 10/16/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEYES AVENUE - CROSS SECTIONS		F.A. -	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		RTE. N/A	06-00015-00-PV	KANE	97	86
SCALE: N/A	PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06		CONTRACT NO. 63406		
	SHEET NO. 81 OF 92 SHEETS	STA. N/A	TO STA. N/A			

FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT
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P:\CH1\3058PROJ\VA0667\DWG\VA0628.DWG FINAL ENG\VA0667-XSECTION



SCALE:
HORZ. 1" = 10'
VERT. 1" = 5'

Plotfile: February 1, 2010 @ 3:26 PM By: Kris Pump - Job: 88-KEYS (22x34)

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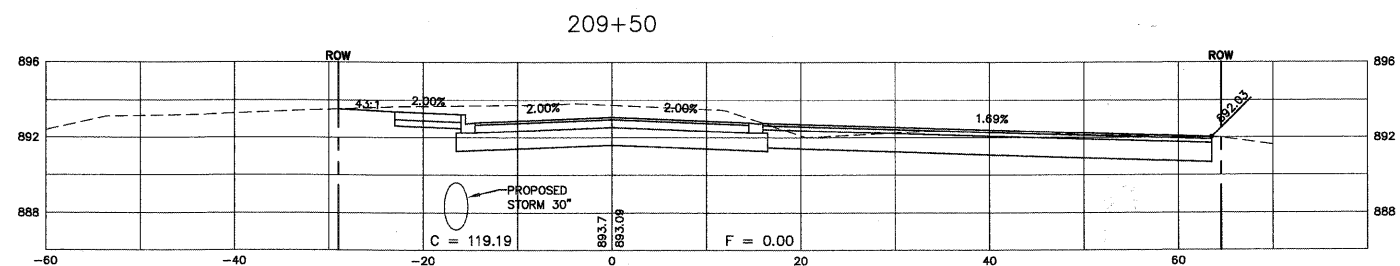
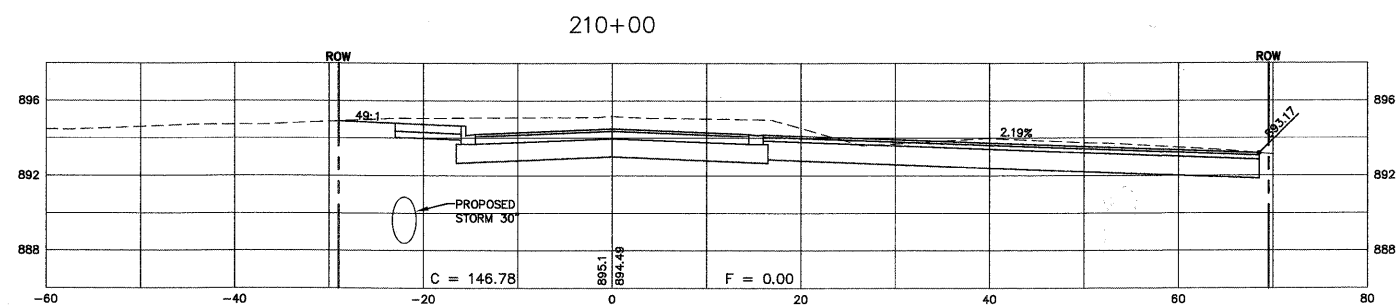
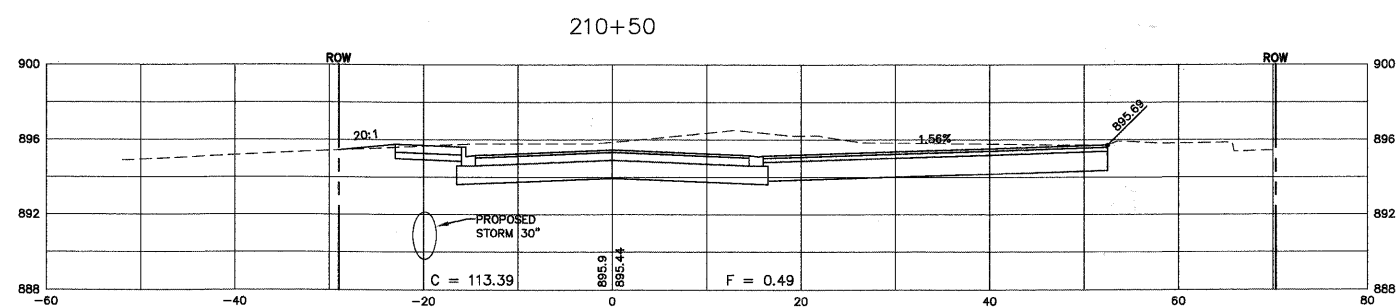
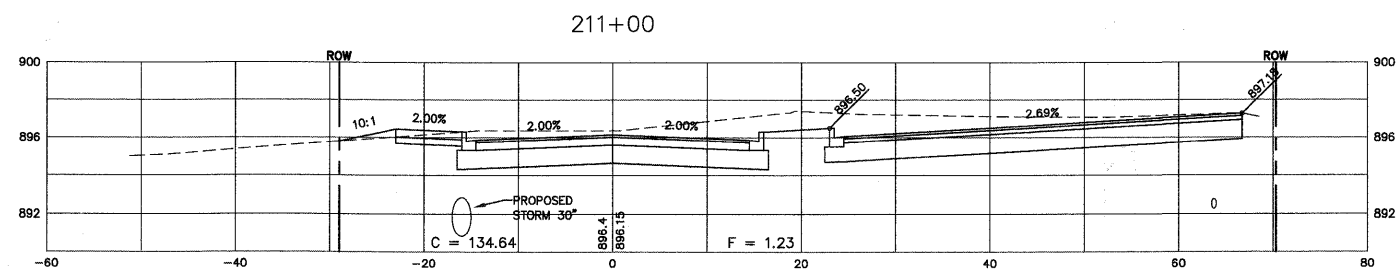
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEYES AVENUE - CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	88
PROJECT NO. HPP-1468(004)		JOB NO. C-91-175-06		
SHEET NO. 83 OF 92 SHEETS		STA. N/A TO STA. N/A		
SCALE: N/A		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT		
CONTRACT NO. 63406				

Path: \\S:\PROJ\06\0615\00-PV\FINAL\88-KEYS\SECTION



SCALE:
 HORZ. 1" = 10'
 VERT. 1" = 5'

Plotted: February 1, 2010 @ 3:26 PM By: Kris Pump - Job: 89-1EYES (2234)

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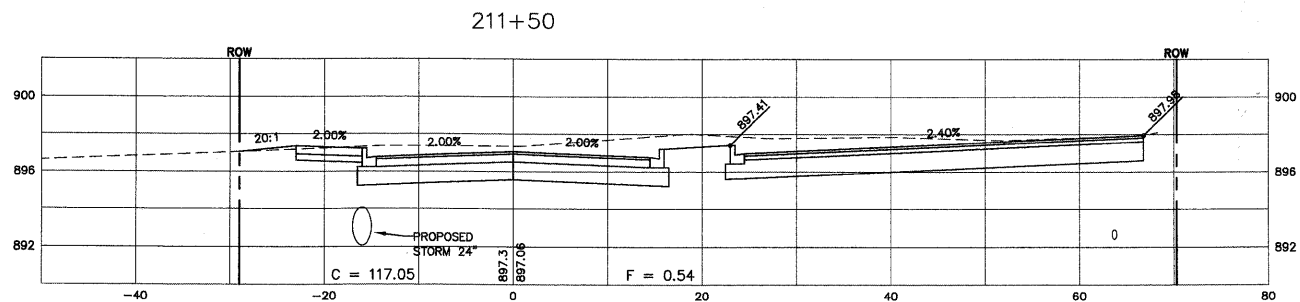
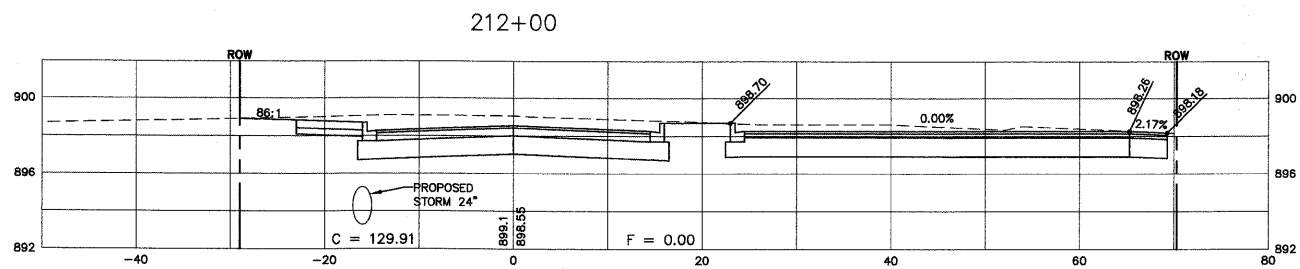
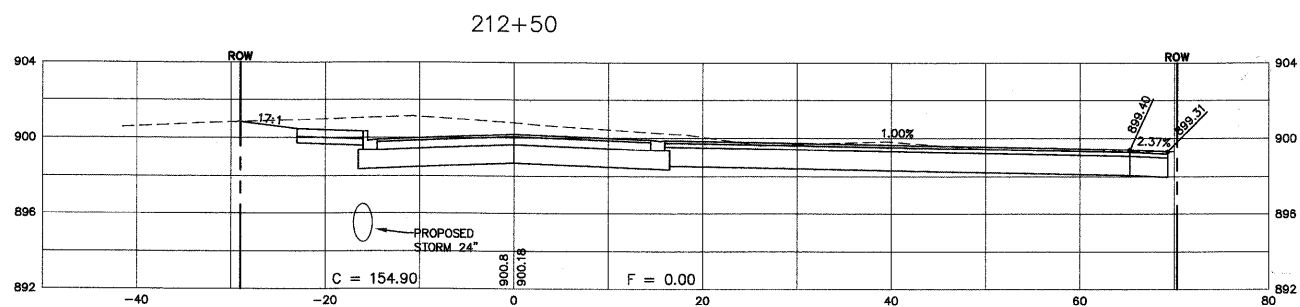
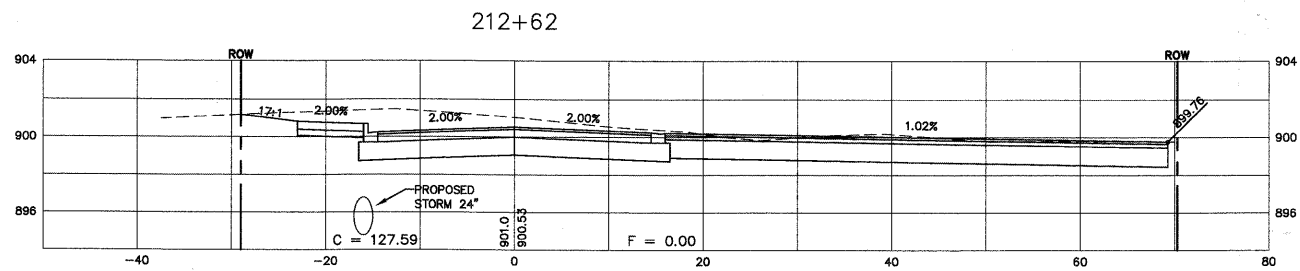
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEYES AVENUE - CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	89
PROJECT NO. HPP-1468(004)		JOB NO. C-91-175-06		
SHEET NO. 84 OF 92 SHEETS		STA. N/A TO STA. N/A		
SCALE: N/A		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT		
CONTRACT NO. 63406				

Path: \\S:\PROJ\14687\06\00015\00-PV\FINAL\ENG\14687-SECTION



SCALE:
HORZ. 1" = 10'
VERT. 1" = 5'

Plotted: February 1, 2010 @ 3:30 PM By: Kris Pung - Tab: 90-KETES (22x34)

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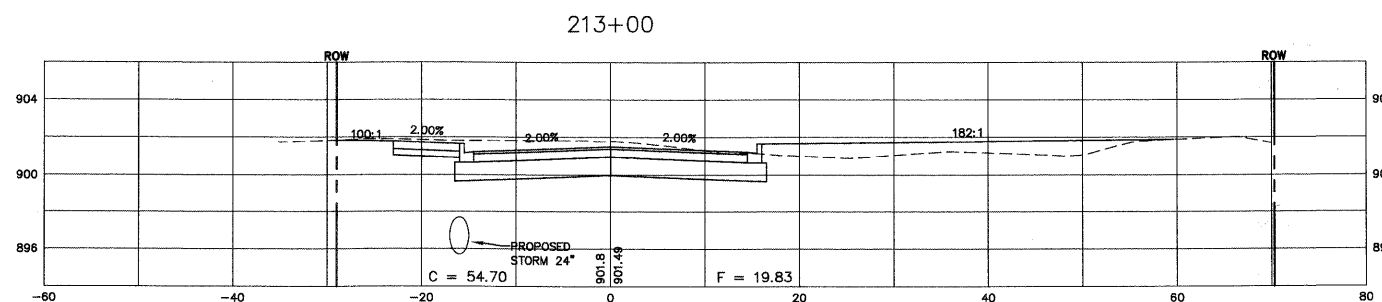
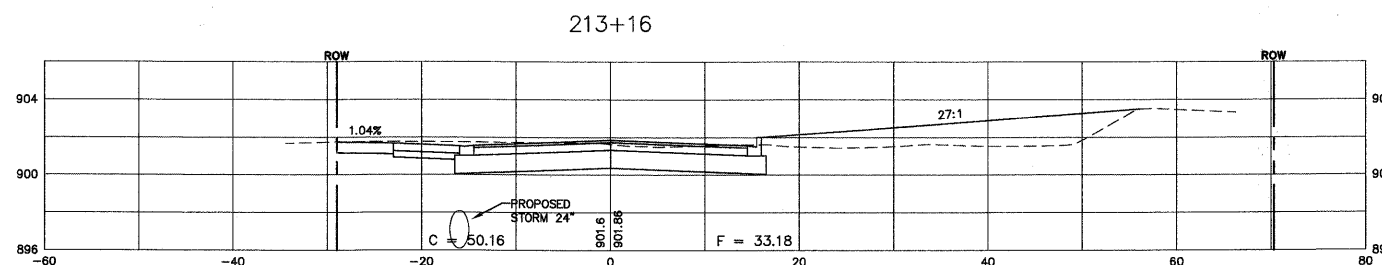
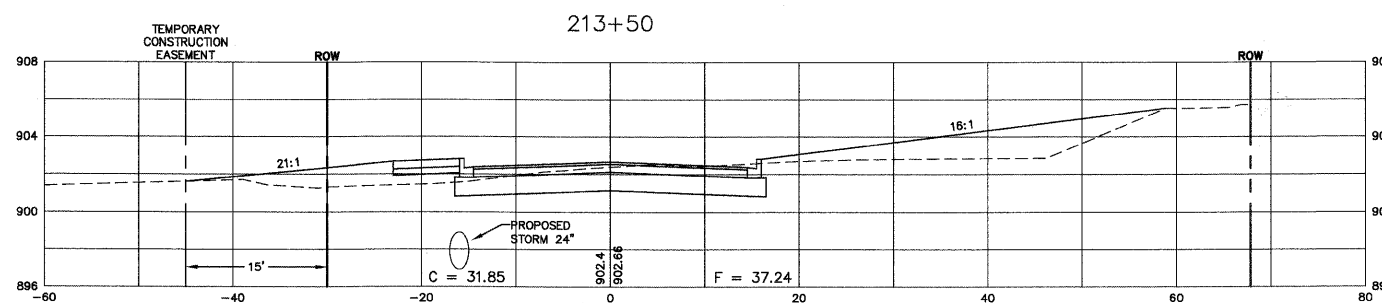
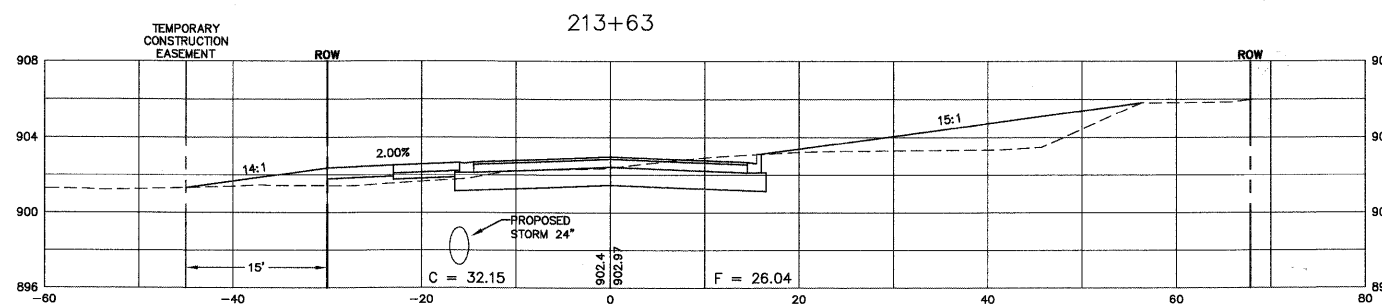
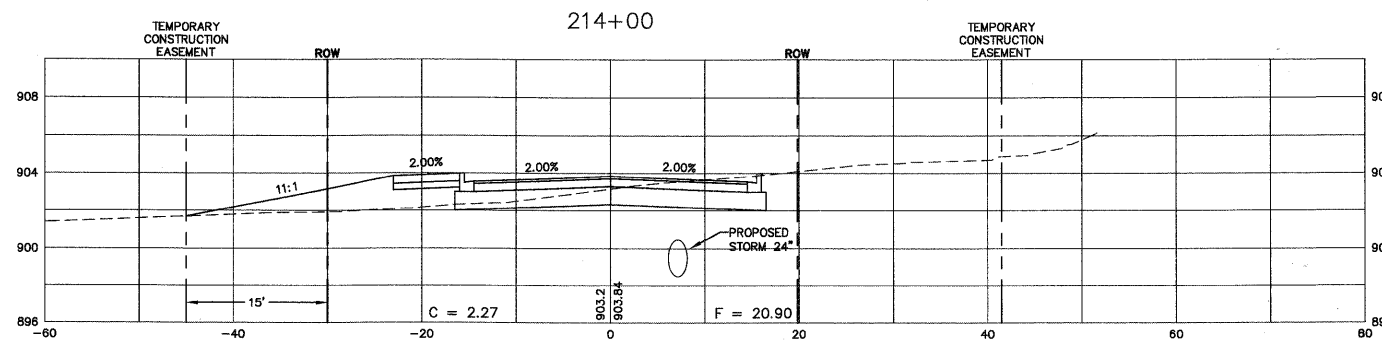
REVISED - 12/02/09
REVISED - 01/22/10
REVISED - 02/03/10
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

KEYES AVENUE - CROSS SECTIONS	
PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SHEET NO. 85 OF 92 SHEETS	STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	90
CONTRACT NO. 63406			ILLINOIS FED. AID PROJECT	

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SCALE:
 HORZ. 1" = 10'
 VERT. 1" = 5'

Plotted: February 1, 2010 @ 3:30 PM By: Kira Pung - Tab: 91-KEYES (22:54)

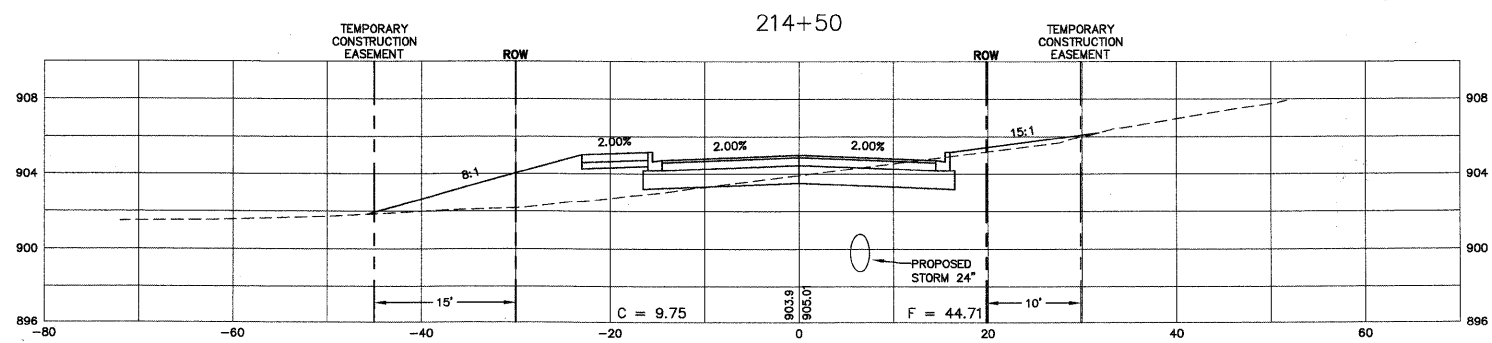
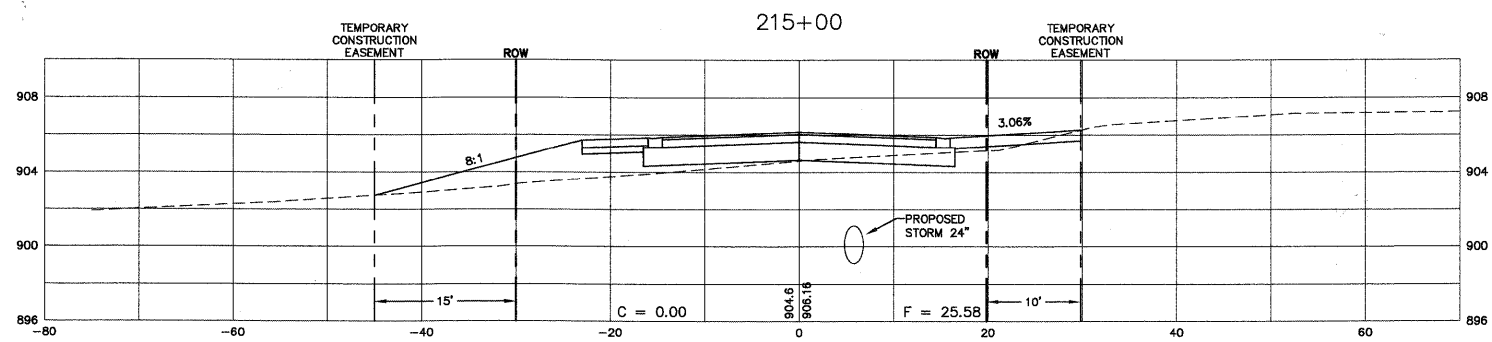
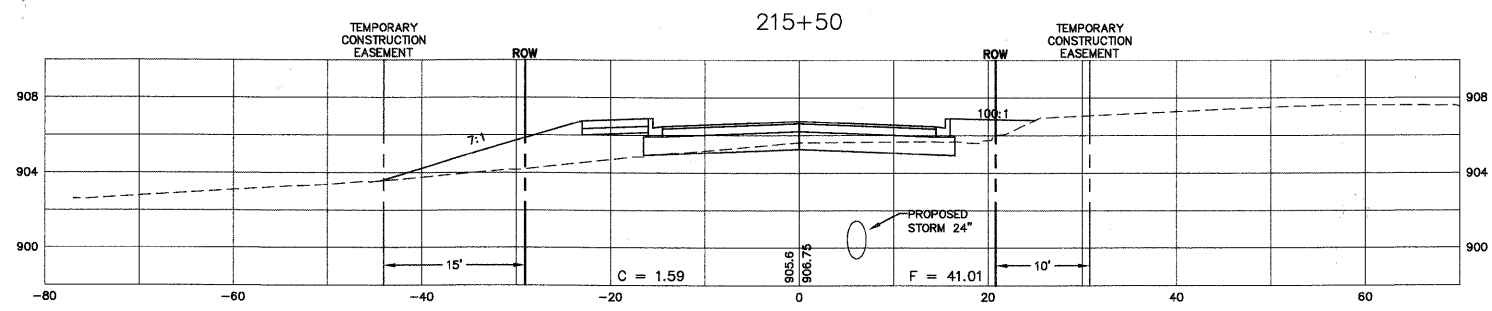
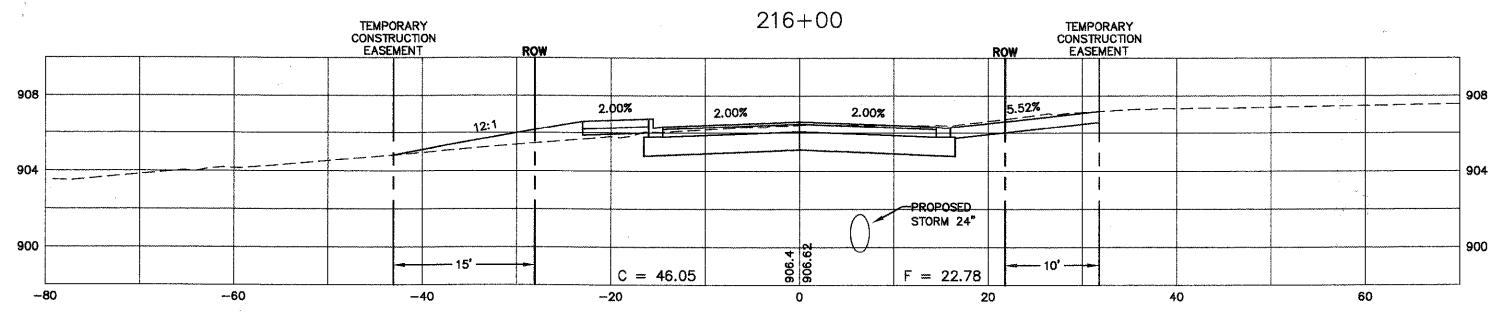
COPYRIGHT © 2010 ENGINEERING ENTERPRISES, INC.

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		DATE - 10/16/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEYES AVENUE - CROSS SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		N/A	06-00015-00-PV	KANE	97	91
PROJECT NO. HPP-1468(004) JOB NO. C-91-175-06		SHEET NO. 86 OF 92 SHEETS		CONTRACT NO. 63406		
SCALE: N/A		STA. N/A TO STA. N/A		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT		

PLOT: H:\5835PROJ\46857\DWG\46857.DWG FINAL ENG\HAUSE7-XSECTION



SCALE:
 HORZ. 1" = 10'
 VERT. 1" = 5'

Plotted: February 1, 2010 @ 3:31 PM By: Kris Pung - Tab: 92-46165 (22x34)

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DRAWN - KKP	REVISÉD - 01/22/10
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DATE - 10/16/09	REVISÉD -

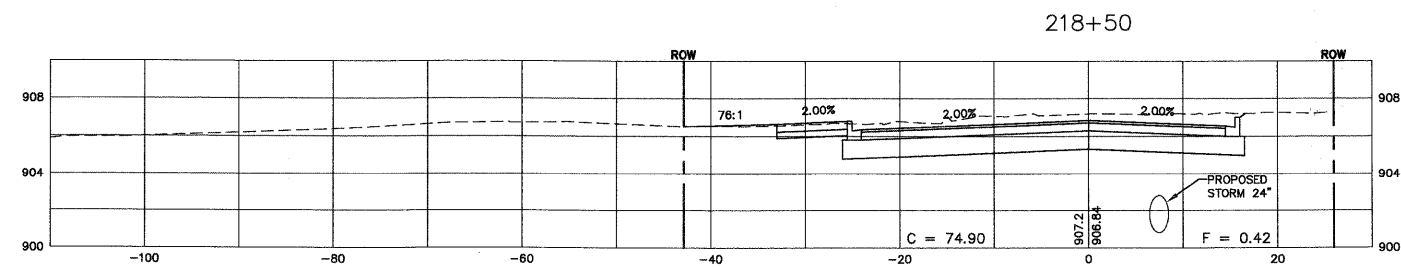
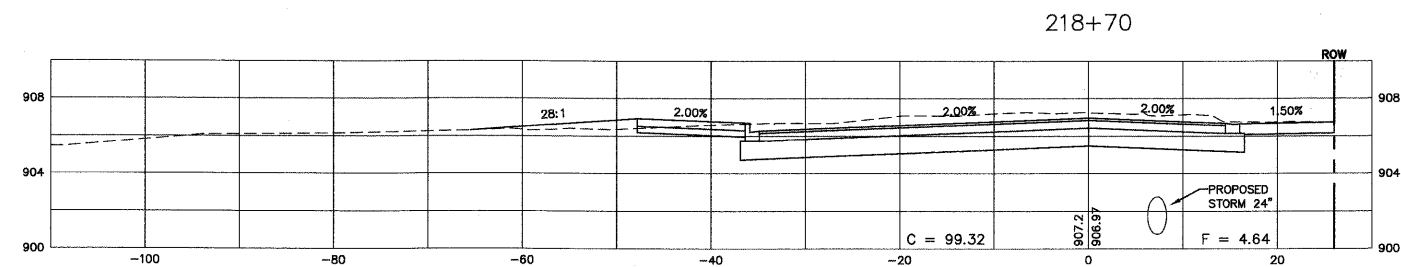
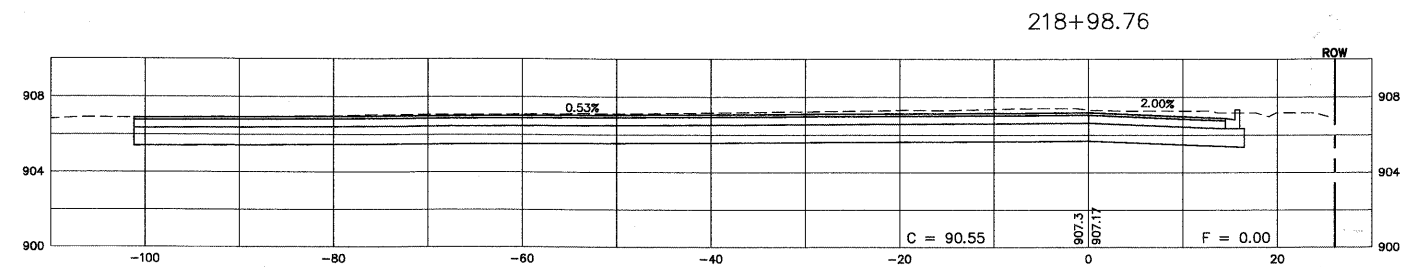
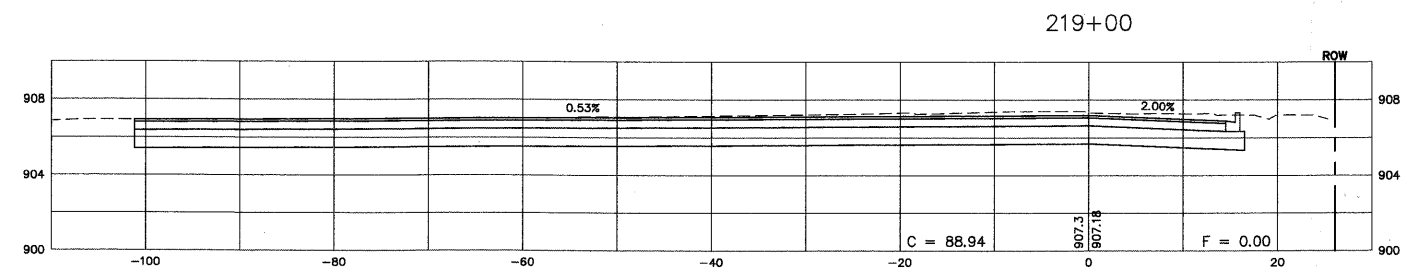
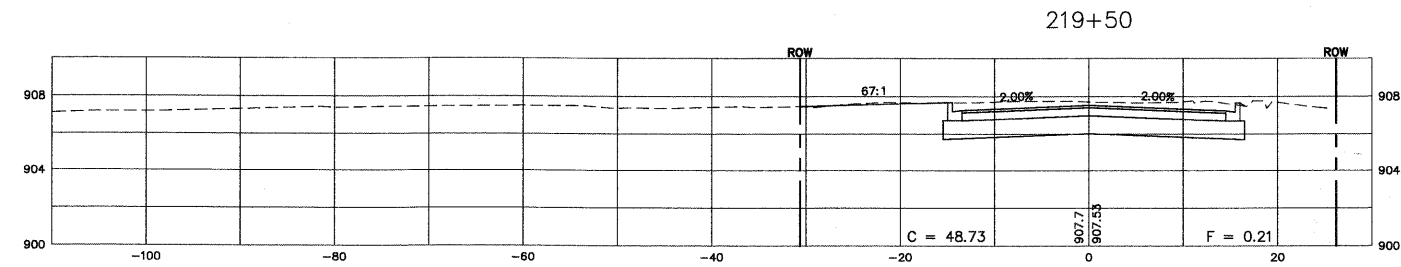
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEYES AVENUE - CROSS SECTIONS

PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SHEET NO. 87 OF 92 SHEETS	STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	92
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63406	

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SCALE:
 HORZ. 1" = 10'
 VERT. 1" = 5'

Plotted: February 1, 2010 @ 3:32 PM By: Kris Ping - Tab: 94-KR/ES (22x34)

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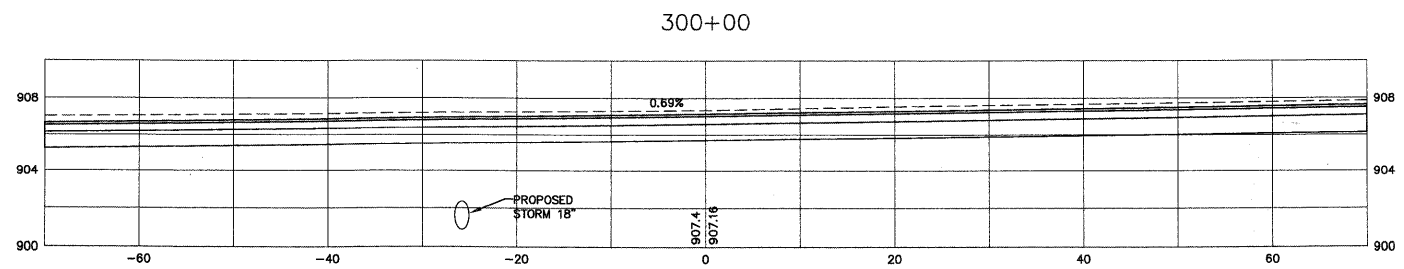
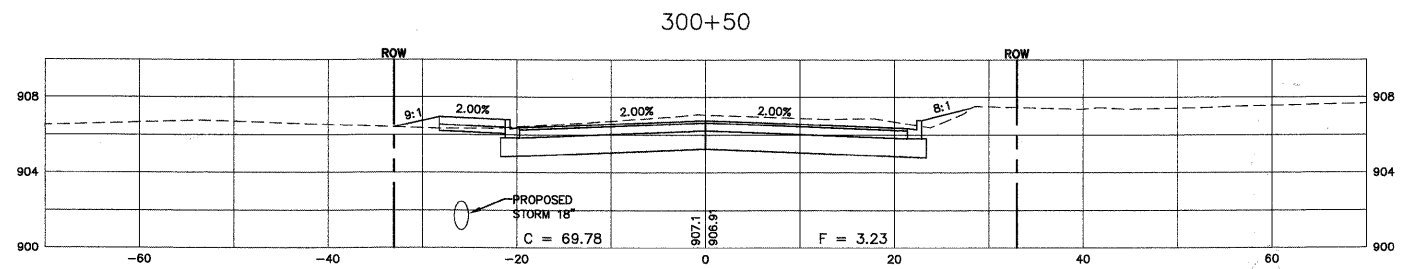
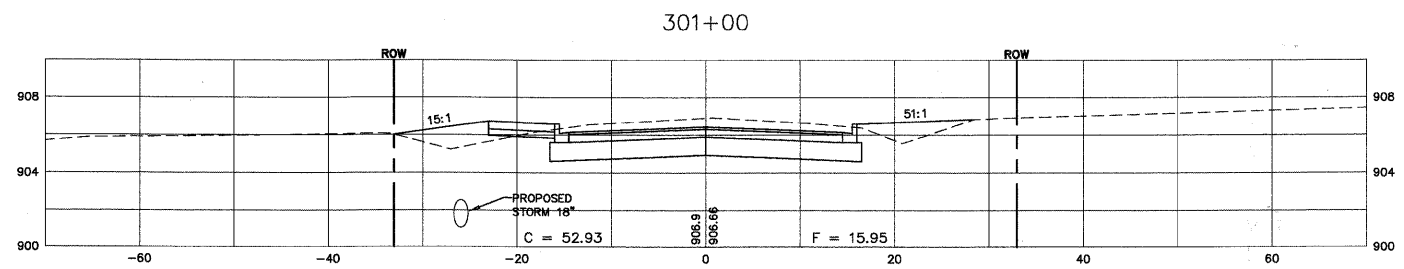
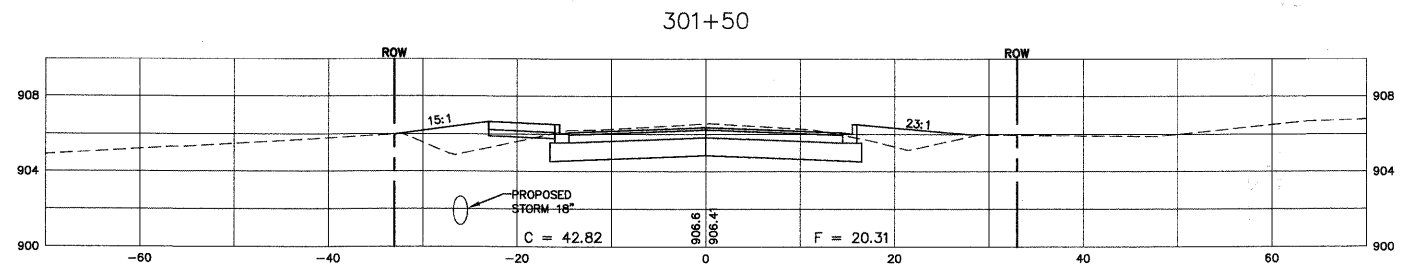
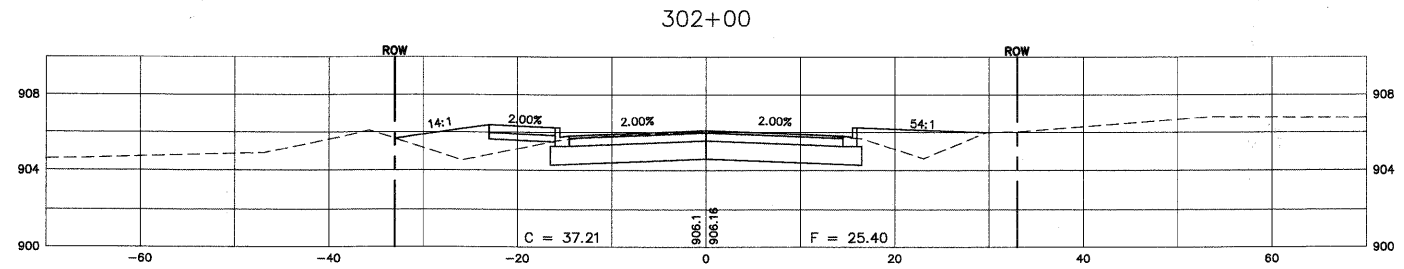
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		DATE - 10/16/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEYES AVENUE - CROSS SECTIONS

SCALE: N/A	PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06	F.A. RTE. N/A	SECTION 06-00015-00-PV	COUNTY KANE	TOTAL SHEETS 97	SHEET NO. 94
	SHEET NO. 89 OF 92 SHEETS	STA. N/A TO STA. N/A	CONTRACT NO. 63406				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

Path: H:\S05\PROJ\H0687\DWG\H068728.DWG FINAL ENG\H0687-XSECTION



SCALE:
 HORZ. 1" = 10'
 VERT. 1" = 5'

Plotted: February 1, 2010 @ 3:33 PM By: Kida Punj - Tab: 95-INDUSTRIAL (22x34)

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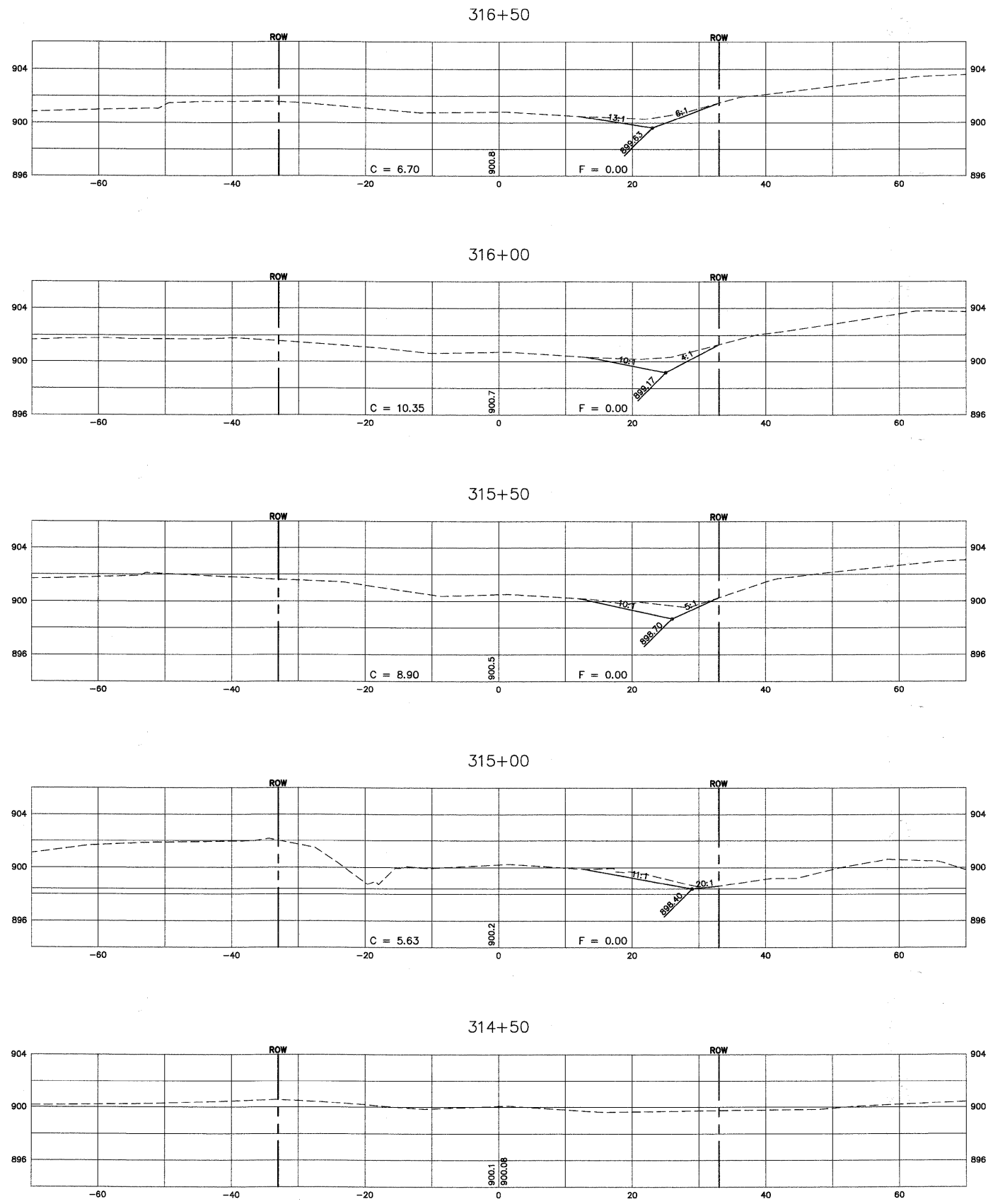
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

INDUSTRIAL DRIVE - CROSS SECTIONS

SCALE: N/A	PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
	SHEET NO. 90 OF 92 SHEETS	STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	95
CONTRACT NO. 63406				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

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SCALE:
HORZ. 1" = 10'
VERT. 1" = 5'

Plotted: February 1, 2010 @ 3:33 PM By: Kris Pung - Tab: 96-INDUSTRIAL (22x34)

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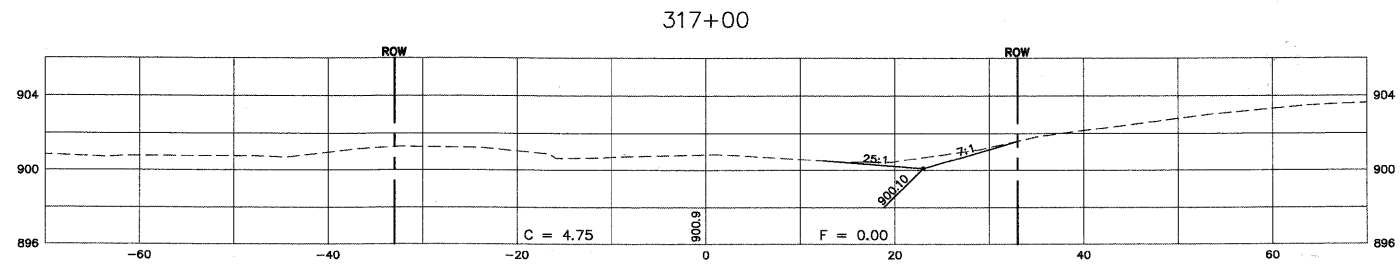
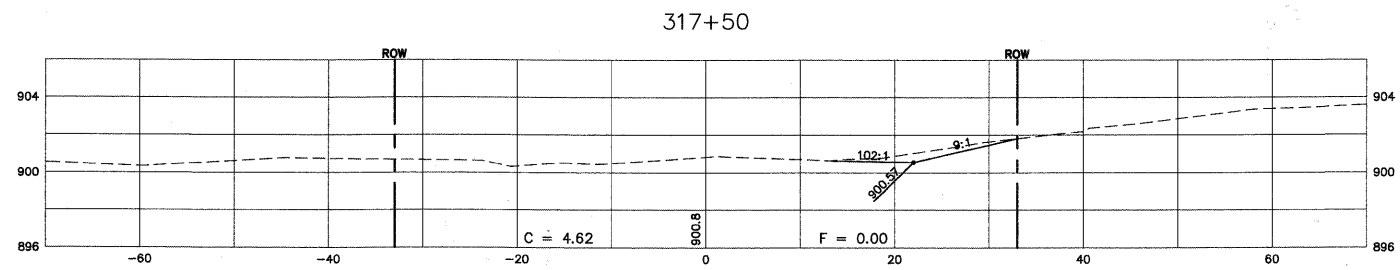
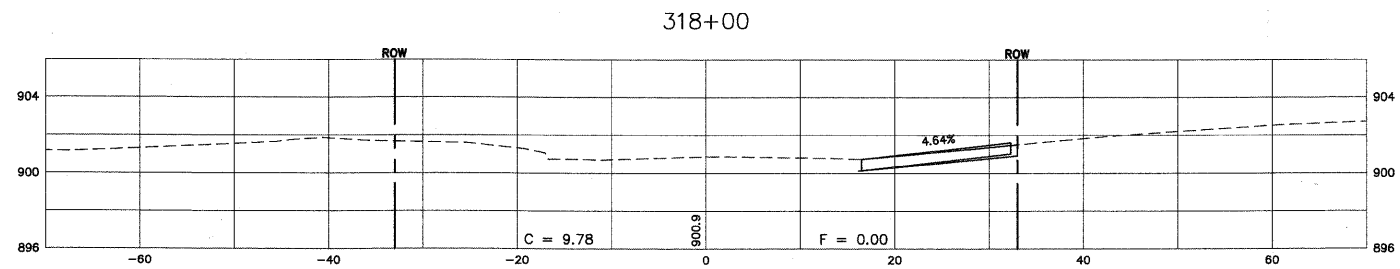
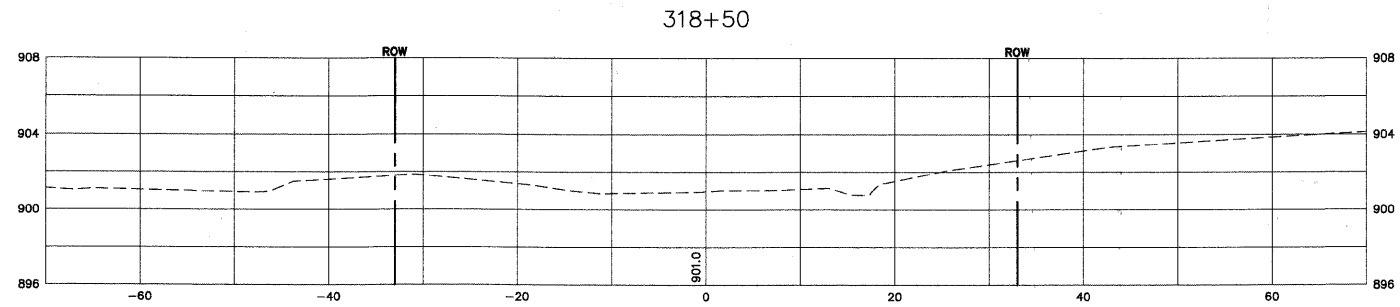
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DATE - 10/16/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDUSTRIAL DRIVE - CROSS SECTIONS	
PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SCALE: N/A	SHEET NO. 91 OF 92 SHEETS
STA. N/A	TO STA. N/A

F.A. RTE. N/A	SECTION 06-00015-00-PV	COUNTY KANE	TOTAL SHEETS 97	SHEET NO. 96
CONTRACT NO. 63406				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

Path: H:\5056PROJ\1468\146828\DWG\FINAL ENC\146867-XSECTION



SCALE:
 HORZ. 1" = 10'
 VERT. 1" = 5'

Plotted: February 1, 2010 @ 3:34 PM By: Kris Pung - Tab: 07-INDUSTRIAL (22x34)

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PLOT DATE	#DATE#

DESIGNED	- JAM, SWM
DRAWN	- KKP
CHECKED	- JAM
DATE	- 10/16/09

REVISED	- 12/02/09
REVISED	- 01/22/10
REVISED	- 02/03/10
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDUSTRIAL DRIVE - CROSS SECTIONS	
PROJECT NO. HPP-1468(004)	JOB NO. C-91-175-06
SCALE: N/A	SHEET NO. 92 OF 92 SHEETS
STA. N/A	TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00015-00-PV	KANE	97	97
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63406	

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