

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-HB-2-BY-1	KANE	43/44	1
		ILLINOIS	CONTRACT NO. 60K90	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 345 – U.S. ROUTE 20 OVER MCLEAN BOULEVARD
SECTION 8R-HB-2-BY-1

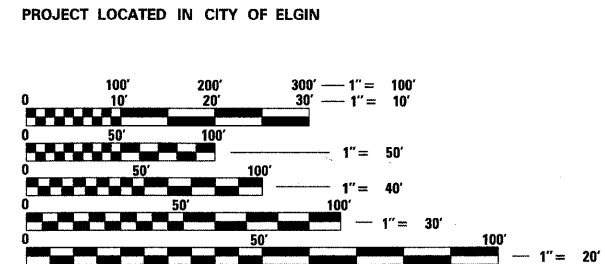
FOR INDEX OF SHEETS, SEE SHEET NO. 2

**ADVANCE WORK – TEMPORARY BRIDGE WIDENING, RETAINING WALLS,
FLEETWOOD DRIVE AND WELD ROAD RECONSTRUCTION**

D-91-615-10



- US ROUTE 20**
ADT = 42,700 (2001) – 66,000 (2020)
DESIGN SPEED = 60 MPH
POSTED SPEED = 55 MPH
- WELD ROAD**
ADT = 8,400 (2001) – 11,000 (2020)
DESIGN SPEED = 35 MPH
POSTED SPEED = 35 MPH
- FLEETWOOD DRIVE**
ADT = 3,400 (2001) – 5,000 (2020)
DESIGN SPEED = 35 MPH
POSTED SPEED = 30 MPH
- MCLEAN BOULEVARD (SOUTH OF INTERCHANGE)**
ADT = 26,000 (2001) – 44,000 (2020)
DESIGN SPEED = 35 MPH
POSTED SPEED = 35 MPH



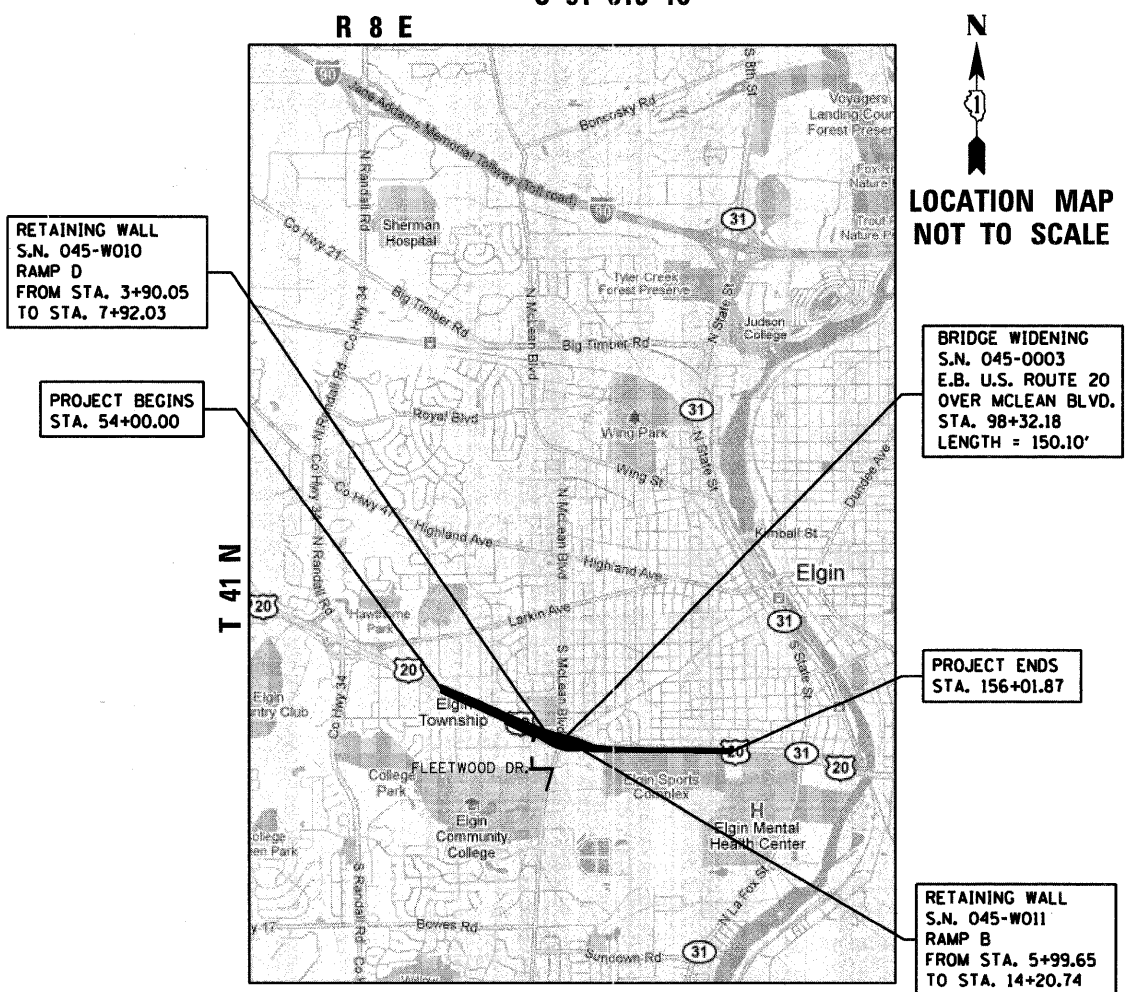
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT MANAGER BRIAN KUTTAB, P.E.
PROJECT ENGINEER RON ZENAROSA, P.E.

CONTRACT NO. 60K90

KANE COUNTY
C-91-615-10



GROSS LENGTH = 10,201.87 FT. = 1.932 MILES
NET LENGTH = 10,051.77 FT. = 1.904 MILES

LOCATION MAP NOT TO SCALE



DOUGLAS D. HANSEN, P.E.
IL. REG. NO. 062-46283
EXPIRES: 11/30/2011
DATE: 4/13/2011

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0000

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED APRIL 15, 2011

Diane M. O'Keefe DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Scott E. Stitt acting ENGINEER OF DESIGN AND ENVIRONMENT

Christine M. Reed DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

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**DISTRICT ONE TRAFFIC SIGNAL AND LIGHTING DETAILS ARE INCLUDED WITH THE TRAFFIC SIGNAL AND LIGHTING PLANS

LIST OF STATE STANDARDS

STD. NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420111-03	PCC PAVEMENT ROUNDOUTS
420401-08	BRIDGE APPROACH PAVEMENT CONNECTOR
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-02	GRATING FOR CONCRETE FLARED END SECTION (FOR 600 MM (24") THRU 1300 MM (54") PIPE)
601001-04	SUB-SURFACE DRAINS
602001-02	CATCH BASIN, TYPE A
602306-03	INLET, TYPE B
602401-03	MANHOLE, TYPE A
602406-04	MANHOLE, TYPE A, 1.8 M (6') DIAMETER
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
604036-02	GRATE TYPE 8
604091-02	FRAME AND GRATES TYPE 24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLAND AND MEDIANS
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
664001-02	CHAIN LINK FENCE
665001-02	WOVEN WIRE FENCE
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
701011-02	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 4.5M (15') AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701402-08	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701411-07	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
701421-03	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45 MPH > 45 MPH TO 55 MPH
701422-03	LANE CLOSURE, MULTILANE, FOR SPEEDS > 45 MPH TO 55 MPH
701602-05	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-07	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH MOUNTABLE MEDIAN
701701-07	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE, MULTILANE, 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
704001-06	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
814001-02	CONCRETE HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
878001-08	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATION

LIST OF DISTRICT ONE DETAILS**

STD. NO.	DESCRIPTION
BD01	DRIVEWAY DETAILS-DISTANCE BETWEEN R.O.W. AND CURB OR EDGE GREATER THAN OR EQUAL TO 15' (4.5m)
BD02	DRIVEWAY DETAILS-DISTANCE BETWEEN R.O.W. AND FACE OF CURB IS LESS THAN 15' (4.5m)
BD07	STORM SEWER CONNECTION TO EXISTING SEWER
BD08	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD32	BUTT JOINTS AND HMA TAPER
BD36	FIRE HYDRANT TO BE MOVED
BD48	PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER
BD51	BENCHING CONSTRUCTION DETAIL
TC08	ENTRANCE AND EXIT RAMP CLOSURE DETAILS
TC09	FREEWAY SINGLE & MULTI-LANE WEAVE
TC10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC12	MULTI-LANE FREEWAY PAVEMENT MARKING (2 SHEETS)
TC13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC17	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
TC18	SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
TC22	ARTERIAL ROAD INFORMATION SIGN
TC26	DRIVEWAY ENTRANCE SIGNING

COMMITMENTS

NONE.

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FILE NAME =	USER NAME = #USER#	DESIGNED - MH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20	INDEX OF SHEETS AND STATE STANDARDS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - MH	REVISED -		345	BR-HB-2-BY-1	KANE	434	2				
PLOT SCALE = #SCALE#		CHECKED - DDH	REVISED -		CONTRACT NO. 60K90								
PLOT DATE = #DATE#		DATE - 05/18/11	REVISED -		SCALE: N.T.S.	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT



GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION REQUIRED).
2. 10 FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS & GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
3. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH AFFECTED UTILITY COMPANIES AND MUNICIPALITIES.
4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
5. BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.
6. WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING COMMERCIAL AND RESIDENTIAL AREAS.
7. 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 THAN 45 MPH (80 KM/H). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCH (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS MINIMUM 1:3 (V:H).
8. ANY GUARDRAIL REMOVED AND DEEMED SALVAGEABLE BY THE RESIDENT ENGINEER SHALL BE DELIVERED BY THE CONTRACTOR TO THE NEAREST IDOT MAINTENANCE FACILITY. TEMPORARY STORAGE AND DELIVERY SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "GUARDRAIL REMOVAL".
9. BUTT JOINTS WILL BE INSTALLED AT THE END OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
10. TYPE II BARRICADES WHEN USED FOR APPROACH TAPERS, AS INDICATED ON THE STATE STANDARDS OR SHOWN ON THE PLANS SHALL BE SAFETYCADE DIRECTION INDICATOR BARRICADES MANUFACTURED BY WLI INDUSTRIES, INC. 880 N. ADDISON, P.O. BOX 7050, VILLA PARK, IL 60181-7050 OR EQUIVALENT. THE CONTRACTOR'S BID PRICES FOR TRAFFIC CONTROL ITEMS SHALL INCLUDE THE COST OF THESE BARRICADES.
11. THE BITUMINOUS MATERIAL PRIME COAT QUANTITIES HAVE BEEN DETERMINED USING A RATE OF 0.10 GAL/SQ. YD.
12. THE EXISTING US ROUTE 20 MAINLINE PAVEMENT IN BOTH THE EB AND WB DIRECTIONS CONSISTS OF A PCC BASE WITH A HMA OVERLAY. IN LOCATIONS WHERE PAVED SHOULDER REMOVAL IS SHOWN ON THE PLANS, THE CONTRACTOR SHALL REMOVE THE EXISTING HMA SHOULDER TO THE EDGE OF THE EXISTING PCC BASE COURSE TO THE SATISFACTION OF THE ENGINEER. THE COST FOR THIS WORK INCLUDING ANY ADDITIONAL SET UPS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "PAVED SHOULDER REMOVAL". IN ADDITION, THE COST TO REPAIR ANY DAMAGE TO THE EXISTING MAINLINE PAVEMENT INCLUDING RAVELING OF THE EXISTING HMA OVERLAY AS A RESULT OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "PAVED SHOULDER REMOVAL".
13. THE CONTRACTOR SHALL REMOVE THE REFLECTIVE ELEMENT FROM ALL RAISED REFLECTIVE PAVEMENT MARKERS THAT CONFLICT WITH THE TEMPORARY TRAFFIC LANES AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL REPLACE THE REFLECTIVE ELEMENT WITH A NEW REFLECTIVE ELEMENT AT THE END OF THE PROJECT. THE COST OF REMOVAL AND REPLACEMENT OF THE REFLECTIVE ELEMENT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "REPLACEMENT REFLECTOR."
14. POROUS GRANULAR EMBANKMENT, SUBGRADE (P.G.E.S.) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR THE REMOVAL AND REPLACEMENT WITH P.G.E.S. WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 AND THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED AND REPLACED WITH P.G.E.S. OR EMBANKMENT AS DETERMINED BY THE GEOTECHNICAL ENGINEER. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

GENERAL NOTES (CONT.)

15. TWO WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS, CONTACT MS. CORA MATHIS, AREA FIELD ENGINEER, AT (847) 465-6475.
16. THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
17. EXISTING ACCESS CONTROL SHALL BE MAINTAINED AT ALL TIMES. AT LOCATIONS WHERE THE EXISTING ACCESS CONTROL FENCE IS REMOVED TO FACILITATE CONSTRUCTION, "TEMPORARY FENCE" SHALL BE CONSTRUCTED PRIOR TO REMOVAL OF THE EXISTING ACCESS CONTROL FENCE. THE TEMPORARY FENCE SHALL REMAIN IN PLACE UNTIL THE PROPOSED ACCESS CONTROL FENCE SHOWN ON THE ROADWAY PLANS IS CONSTRUCTED. RELOCATION OF "TEMPORARY FENCE" IN ORDER TO MAINTAIN ACCESS CONTROL WITHIN THE SAME AREA IN WHICH IT WAS ORIGINALLY CONSTRUCTED SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TEMPORARY FENCE."
18. PAVED SHOULDER REMOVAL SHALL INCLUDE THE REMOVAL OF THE EXISTING PORTLAND CEMENT SHOULDER AND EXISTING HMA VARIABLE THICKNESS OVERLAY.
19. ALL EXISTING WHEEL STOPS, BOLLARDS, AND SIGNS LOCATED OUTSIDE OF THE EXISTING RIGHT-OF-WAY AND WITHIN PROPOSED RIGHT-OF-WAY OR EASEMENTS SHALL BE REMOVED AND SATISFACTORILY DISPOSED OF ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS. THE COST FOR THE REMOVAL AND DISPOSAL OF SUCH ITEMS THAT ARE NOT SPECIFICALLY INCLUDED IN A SEPARATE PAY ITEM SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR DRIVEWAY PAVEMENT REMOVAL.
20. THE CONTRACT PLANS SHOW THE GENERAL LOCATION OF THE PROPOSED RIGHT-OF-WAY AND TEMPORARY EASEMENTS. THE FINAL LOCATIONS OF PROPOSED RIGHT-OF-WAY AND TEMPORARY EASEMENTS ARE SHOWN ON THE SIGNED AND SEALED PLATS OF HIGHWAYS.
21. POURED-IN-PLACE CONCRETE DOMES WILL NOT BE ALLOWED AS A METHOD FOR INSTALLING DETECTABLE WARNINGS. DETECTABLE WARNINGS SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS OF THE CITY OF ELGIN AT THE TIME OF CONSTRUCTION.
22. THE LOCATIONS AND ELEVATIONS OF UTILITIES SHOWN ON THE PLANS ARE REPRESENTATIVE ONLY AND SHALL NOT BE CONSIDERED TO BE THE EXACT LOCATION OR ELEVATION OF THE FACILITY IN THE FIELD.
23. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.
24. ANY WASTE GENERATED AS A SPECIAL WASTE OR A WASTE NOT CERTIFIED AS A NON-SPECIAL WASTE FROM THIS PROJECT SHOULD BE MANIFESTED OFF-SITE USING THE GENERATOR NUMBER ASSOCIATED WITH KANE COUNTY. THE GENERATOR NUMBER FOR KANE COUNTY IS 0898995009.
25. THE CONTRACTOR SHALL VERIFY THE EXISTING ELEVATIONS SHOWN ON THE PLANS WHERE THE PROPOSED PROFILE MEETS THE EXISTING PAVEMENT. THE ENGINEER SHALL BE NOTIFIED OF DISCREPANCIES BETWEEN THE EXISTING AND PROPOSED PAVEMENT ELEVATIONS, IN ADVANCE OF FINAL GRADING OPERATIONS, TO ALLOW APPROPRIATE ADJUSTMENTS TO BE MADE TO THE PROFILE. THE ELEVATIONS SHOWN ON THE PLANS ARE DERIVED FROM DIGITAL TERRAIN MODELING AND MAY REQUIRE ADJUSTMENT TO ENSURE A SMOOTH TRANSITION WHERE THE PROFILE MEETS THE EXISTING PAVEMENT.
26. THE "SAFETY EDGE" SPECIFIED IN THE SPECIAL PROVISIONS WILL ONLY REQUIRED IN THE UNCURBED SECTIONS OF WELD ROAD AND SHALL BE CONSTRUCTED USING THE TRANS TECH SHOULDER WEDGE MAKER(TM) BY TRANSTECH SYSTEMS, INC. OR THE ADVANT-EDGE(TM) BY ADVANT-EDGE PAVING EQUIPMENT, LLC. OR APPROVED EQUAL DEVICE THAT PRODUCES THE SAME WEDGE CONSOLIDATION RESULTS.
27. WHEREEVER THE CALLOUT SHOWN IN COLUMN 1 BELOW APPEARS ELSEWHERE ON THE PLANS, IT SHALL BE CONSTRUED TO MEAN AND SHALL BE PAID FOR AS THE ITEM SHOWN IN COLUMN 2 BELOW.

COLUMN 1	COLUMN 2
ITEM AS CALLED OUT ON THE PLANS:	SHALL BE CONSTRUED TO MEAN:
PARTIAL DEPTH PATCHING (SPECIAL)	PARTIAL DEPTH PATCHING
DECK SLAB REPAIR (PARTIAL) SPECIAL	DECK SLAB REPAIR (PARTIAL) - (SPECIAL)
CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 23 FRAME AND GRATE, TEMPORARY	TEMPORARY CATCH BASINS
FLARED END SECTION 12" TEMPORARY	TEMPORARY END SECTION
TEMPORARY PAVEMENT (INTERSTATE)	TEMPORARY PAVEMENT
TEMPORARY PAVEMENT	TEMPORARY PAVEMENT, 8"
NEAR SIDE WATER SERVICE	WATER SERVICE CONNECTION (SHORT)

COMMITMENTS

NONE

FILE NAME = 5-27-2011 14:54:35
 USER NAME = #USER#
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FILE NAME =	USER NAME = #USER#	DESIGNED - DDH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - JFS	REVISED -			345	BR-HB-2-BY-1	KANE	434	3	
PLOT SCALE = #SCALE#		CHECKED - DDH	REVISED -			CONTRACT NO. 60K90					
PLOT DATE = #DATE#		DATE - 05/27/11	REVISED -			SCALE: N.T.S.	SHEET NO.	OF	SHEETS	STA.	TO STA.

SPECIALTY ITEM	CODE NO.	ITEM NAME	UNIT	TOTAL QUANTITY	I	II	III	IV	V	VI
					100% STATE 0004	100% STATE 0014	100% STATE 0040	100% STATE 0021	100% ELGIN 0021	80% STATE 20% ELGIN 0021
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	251	251					
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	612	612					
	20101000	TEMPORARY FENCE	FOOT	6887	6887					
	20101100	TREE TRUNK PROTECTION	EACH	6	6					
	20200100	EARTH EXCAVATION	CU YD	15800	15800					
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	22320	22320					
	20400800	FURNISHED EXCAVATION	CU YD	36750	36750					
	20700220	POROUS GRANULAR EMBANKMENT	CU YD	569		569				
	20800150	TRENCH BACKFILL	CU YD	2379	2355				24	
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	8065	8065					
	21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	4429	4429					
	21101805	COMPOST FURNISH AND PLACE, 2"	SQ YD	8065	8065					
	21101815	COMPOST FURNISH AND PLACE, 4"	SQ YD	3298	3298					
	25000310	SEEDING, CLASS 4	ACRE	1.75	1.75					
	25000350	SEEDING, CLASS 7	ACRE	7.75	7.75					
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	963	963					
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	963	963					
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	963	963					
	25100115	MULCH, METHOD 2	ACRE	2.25	2.25					
	25100630	EROSION CONTROL BLANKET	SQ YD	97433	97433					
	25200110	SODDING, SALT TOLERANT	SQ YD	4429	4429					
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1235	1235					
	28000305	TEMPORARY DITCH CHECKS	FOOT	584	584					
	28000400	PERIMETER EROSION BARRIER	FOOT	16103	16103					
	28000510	INLET FILTERS	EACH	78	78					
	28100105	STONE RIPRAP, CLASS A3	SQ YD	64	64					

LEGEND

- I - ROADWAY
- II - BRIDGE
- III - RETAINING WALLS
- IV - TRAFFIC SIGNALS, LIGHTING, SIDEWALK REPLACEMENT
- V - CITY OF ELGIN EVP AND WELD RD WATER MAIN
- VI - NEW CITY ELGIN SIDEWALK

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FILE NAME =	USER NAME = #USER#	DESIGNED - MH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20				SUMMARY OF QUANTITIES - I				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#	PLOT SCALE = #SCALE#	DRAWN - MH	REVISED -									345	8R-HB-2-BY-1	KANE	434	4
TENG TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT DATE = #DATE#	CHECKED - DDH	REVISED -	SCALE: N.T.S.				SHEET NO. OF SHEETS STA. TO STA.				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
		DATE - 05/18/11	REVISED -									CONTRACT NO. 60K90				

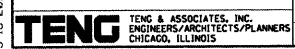
SPECIALTY ITEM	CODE NO.	ITEM NAME	URBAN UNIT	TOTAL QUANTITY	I	II	III	IV	V	VI
					100% STATE 0004	100% STATE 0014	100% STATE 0040	100% STATE 0021	100% ELGIN 0021	80% STATE 20% ELGIN 0021
	28100107	STONE RIPRAP, CLASS A4	SQ YD	62	62					
	31101800	SUBBASE GRANULAR MATERIAL, TYPE B 10"	SQ YD	111	111					
	31200502	STABILIZED SUBBASE - HOT-MIX ASPHALT 4 1/2"	SQ YD	1666	1666					
	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	1578	1578					
	40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	24	24					
	40600895	CONSTRUCTING TEST STRIP	EACH	4	4					
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	88	88					
	40600990	TEMPORARY RAMP	SQ YD	65	65					
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	193	193					
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	415	415					
	40701876	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 3/4"	SQ YD	9781	9781					
	42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	1295	1295					
	42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SQ YD	592	592					
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	483	483					
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	11087	3944					7143
	42400800	DETECTABLE WARNINGS	SQ FT	83	83					
	44000100	PAVEMENT REMOVAL	SQ YD	19272	19272					
	44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	2976	2976					
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	891	891					
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	3312	3312					
	44000300	CURB REMOVAL	FOOT	516	516					
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	4537	4537					
	44000600	SIDEWALK REMOVAL	SQ FT	2734	2734					
	44001980	CONCRETE BARRIER REMOVAL	FOOT	1659	1659					
	44003100	MEDIAN REMOVAL	SQ FT	219	219					
	44004000	PAVED DITCH REMOVAL	FOOT	640	640					

LEGEND

- I - ROADWAY
- II - BRIDGE
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- IV - TRAFFIC SIGNALS, LIGHTING, SIDEWALK REPLACEMENT
- V - CITY OF ELGIN EVP AND WELD RD WATER MAIN
- VI - NEW CITY ELGIN SIDEWALK
- * - SPECIALTY ITEM

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	PLOT SCALE = *SCALE*	CHECKED - DDH	DATE - 05/18/11		REVISED -	SCALE: N.T.S.	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 60K90		



Rev

SPECIALTY ITEM	CODE NO.	ITEM NAME	UNIT	URBAN TOTAL QUANTITY	I 100% STATE 0004	II 100% STATE 0014	III 100% STATE 0040	IV 100% STATE 0021	V 100% ELGIN 0021	VI 80% STATE 20% ELGIN 0021
	44004250	PAVED SHOULDER REMOVAL	SQ YD	17773	17773					
	<i>44022025</i>	<i>PARTIAL DEPTH REMOVAL 2"</i>	<i>SQ YD</i>	<i>1409</i>	<i>1409</i>					
	44201798	CLASS D PATCHES, TYPE I, 13 INCH	SQ YD	50	50					
	44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	169	169					
	44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	50	50					
	48101498	AGGREGATE SHOULDERS, TYPE B 4"	SQ YD	89	89					
	48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	3	3					
	50102400	CONCRETE REMOVAL	CU YD	60.1		60.1				
	50157300	PROTECTIVE SHIELD	SQ YD	66		66				
	50200100	STRUCTURE EXCAVATION	CU YD	3906		83	3823			
	50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	632			632			
	50300225	CONCRETE STRUCTURES	CU YD	2251.3		62.2	2189.1			
	50300255	CONCRETE SUPERSTRUCTURE	CU YD	179.2		179.2				
	50300260	BRIDGE DECK GROOVING	SQ YD	462		462				
	50300285	FORM LINER TEXTURED SURFACE	SQ FT	12205			12205			
	50300300	PROTECTIVE COAT	SQ YD	537			537			
	50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		1				
	50800105	REINFORCEMENT BARS	POUND	46300		46300				
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	257050			257050			
	50800515	BAR SPLICERS	EACH	28		28				
	51201400	FURNISHING STEEL PILES HP10X42	FOOT	292		292				
	51201800	FURNISHING STEEL PILES HP14X73	FOOT	164		164				
	51202305	DRIVING PILES	FOOT	456		456				
	51204650	PILE SHOES	EACH	12		12				
	52000030	PREFORMED JOINT SEAL 2 1/2"	FOOT	19.5		19.5				
	52000050	PREFORMED JOINT SEAL 4"	FOOT	19.5		19.5				
	52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	4		4				
	52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	2		2				

- LEGEND**
- I - ROADWAY
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 - V - CITY OF ELGIN EVP AND WELD RD WATER MAIN
 - VI - NEW CITY ELGIN SIDEWALK
 - * - SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 345 / US ROUTE 20

SUMMARY OF QUANTITIES - III
 SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 345	SECTION 8R-HB-2-BY-1	COUNTY KANE	TOTAL SHEETS 434	SHEET NO. 6
CONTRACT NO. 60K90				

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

Rev.

SPECIALTY ITEM	CODE NO.	ITEM NAME	UNIT	URBAN TOTAL QUANTITY	I	II	III	IV	V	VI
					100% STATE 0004	100% STATE 0014	100% STATE 0040	100% STATE 0021	100% ELGIN 0021	80% STATE 20% ELGIN 0021
	52100520	ANCHOR BOLTS, 1"	EACH	16		16				
	54210184	PIPE ELBOW, 15"	EACH	1	1					
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	4	4					
	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	11	11					
	54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1					
	54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1					
	54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2	2					
	5421D012	PIPE CULVERTS, CLASS D, TYPE 1 12" (TEMPORARY)	FOOT	131	131					
	5421D018	PIPE CULVERTS, CLASS D, TYPE 1 18" (TEMPORARY)	FOOT	41	41					
	54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	1	1					
	54247170	GRATING FOR CONCRETE FLARED END SECTION 36"	EACH	2	2					
	542C0220	PIPE CULVERTS, CLASS C, TYPE 1 15"	FOOT	325	325					
	542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	131	131					
	542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	41	41					
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	977	977					
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	2322	2322					
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	262	262					
	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	1474	1474					
	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	111	111					
	550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	684	684					
	550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	496	496					
	550B0340	STORM SEWERS, CLASS B, TYPE 2 12"	FOOT	1082	1082					
	55100500	STORM SEWER REMOVAL 12"	FOOT	2408	2408					
	55100700	STORM SEWER REMOVAL 15"	FOOT	46	46					
	55100900	STORM SEWER REMOVAL 18"	FOOT	144	144					
	55101200	STORM SEWER REMOVAL 24"	FOOT	958	958					
	55101600	STORM SEWER REMOVAL 36"	FOOT	5	5					

LEGEND

- I - ROADWAY
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- V - CITY OF ELGIN EVP AND WELD RD WATER MAIN
- VI - NEW CITY ELGIN SIDEWALK
- * - SPECIALTY ITEM

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 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 345 / US ROUTE 20

SUMMARY OF QUANTITIES - IV
 SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 345	SECTION 8R-HB-2-BY-1	COUNTY KANE	TOTAL SHEETS 434	SHEET NO. 7
CONTRACT NO. 60K90				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

Rev.

SPECIALTY ITEM	CODE NO.	ITEM NAME	UNIT	URBAN TOTAL QUANTITY	I	II	III	IV	V	VI
					100% STATE 0004	100% STATE 0014	100% STATE 0040	100% STATE 0021	100% ELGIN 0021	80% STATE 20% ELGIN 0021
	55200900	STORM SEWERS JACKED IN PLACE, 24"	FOOT	160	160					
	55201100	STORM SEWERS JACKED IN PLACE, 30"	FOOT	149	149					
	56103100	DUCTILE IRON WATER MAIN 8"	FOOT	875	105				770	
	56106400	ADJUSTING WATER MAIN 8"	FOOT	167	167					
	56400100	FIRE HYDRANTS TO BE MOVED	EACH	2	2					
	56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	2	2					
	59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	1259			1259			
	60107600	PIPE UNDERDRAINS 4"	FOOT	216	216					
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	10	10					
	60201330	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	1	1					
	60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	41	41					
	60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	3	3					
	60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	3	3					
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	6					
	60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1					
	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	21	21					
	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4					
	60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	2	2					
	60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	1	1					
	60250200	CATCH BASINS TO BE ADJUSTED	EACH	8	8					
	60255500	MANHOLES TO BE ADJUSTED	EACH	10	10					
	60261540	INLETS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	2	2					
	60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	4	4					
	60500040	REMOVING MANHOLES	EACH	7	7					
	60500060	REMOVING INLETS	EACH	7	7					
	60600605	CONCRETE CURB, TYPE B	FOOT	888	888					

LEGEND

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- VI - NEW CITY ELGIN SIDEWALK
- * - SPECIALTY ITEM

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TENG TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 345 / US ROUTE 20

SUMMARY OF QUANTITIES - V

SCALE: N.T.S.	SHEET NO. OF SHEETS	STA. TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-HB-2-BY-1	KANE	434	8
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K90	

SPECIALTY ITEM	CODE NO.	ITEM NAME	UNIT	URBAN TOTAL QUANTITY	I	II	III	IV	V	VI
					100% STATE	100% STATE	100% STATE	100% STATE	100% ELGIN	80% STATE 20% ELGIN
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1049	1049					
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	4654	4654					
	60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	36	36					
	60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	300	300					
	63200310	GUARDRAIL REMOVAL	FOOT	1707	1707					
	63700805	CONCRETE BARRIER TRANSITION	FOOT	25	25					
	63700900	CONCRETE BARRIER BASE	FOOT	25	25					
	66400105	CHAIN LINK FENCE, 4'	FOOT	1999	1999					
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	100	100					
*	66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1					
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1					
	67100100	MOBILIZATION	L SUM	1	1					
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	225	225					
	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	20	20					
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	360	360					
	70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	715	715					
	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	70739	70739					
	70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	3599	3599					
	70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	712	712					
	70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	639	639					
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	45961	45961					
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	4087.5	4087.5					
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1587.5	1587.5					
*	72000100	SIGN PANEL - TYPE 1	SQ FT	152	152					
*	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	22	22					
*	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2					
*	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	31	31					

LEGEND

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- VI - NEW CITY ELGIN SIDEWALK
- * - SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 345 / US ROUTE 20

SUMMARY OF QUANTITIES - VI			
SCALE: N.T.S.	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-HB-2-BY-1	KANE	434	9
CONTRACT NO. 60K90				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



SPECIALTY ITEM	CODE NO.	ITEM NAME	UNIT	URBAN TOTAL QUANTITY	I	II	III	IV	V	VI
					100% STATE	100% STATE	100% STATE	100% STATE	100% ELGIN	80% STATE 20% ELGIN
					0004	0014	0040	0021	0021	0021
*	72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	84	84					
*	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	4	4					
*	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	18	18					
*	72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	68	68					
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	273	273					
*	73000100	WOOD SIGN SUPPORT	FOOT	182	182					
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	359	359					
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	34479	34479					
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1820	1820					
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	3582	3582					
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2125	2125					
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	304	304					
*	78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	73	73					
*	78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	335	335					
*	78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	421	421					
*	78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	220	220					
*	78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	38	38					
*	78100300	REPLACEMENT REFLECTOR	EACH	325	325					
*	78200530	BARRIER WALL MARKERS, TYPE C	EACH	1715	1715					
	78300100	PAVEMENT MARKING REMOVAL	SQ FT	7438	7438					
*	80400100	ELECTRIC SERVICE INSTALLATION	EACH	2			2			
*	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1			1			
*	80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1			1			
*	81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	165			165			
*	81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	50			50			
*	81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	76			76			

LEGEND

- I - ROADWAY
- II - BRIDGE
- III - RETAINING WALLS
- IV - TRAFFIC SIGNALS, LIGHTING, SIDEWALK REPLACEMENT
- V - CITY OF ELGIN EVP AND WELD RD WATER MAIN
- VI - NEW CITY ELGIN SIDEWALK
- * - SPECIALTY ITEM

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 TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS
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 PLOT DATE = #DATE* DATE - 05/18/11, REVISED -

SPECIALTY ITEM	CODE NO.	ITEM NAME	UNIT	URBAN TOTAL QUANTITY	I	II	III	IV	V	VI
					100% STATE	100% STATE	100% STATE	100% STATE	100% ELGIN	80% STATE 20% ELGIN
*	81301110	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 12" X 8" X 6"	EACH	4	0004	0014	0040	0021	0021	0021
*	81400200	HEAVY-DUTY HANDHOLE	EACH	1				1		
*	81400300	DOUBLE HANDHOLE	EACH	1				1		
*	81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	19842				19842		
*	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	210				210		
*	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	18				18		
*	84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1				1		
*	84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1				1		
*	84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1				1		
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2				2		
*	85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1				1		
*	85900100	TRANSCEIVER	EACH	1				1		
*	87200400	SPAN WIRE	FOOT	552				552		
*	87200500	TETHER WIRE	FOOT	552				552		
*	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	374				374		
*	87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	541				541		
*	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	120				120		
*	87302212	ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 2C	FOOT	2027				2027		
*	87302225	ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 3C	FOOT	2449				2449		
*	87302245	ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 5C	FOOT	1078				1078		
*	87302255	ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 7C	FOOT	1191				1191		
*	87302405	ELECTRIC CABLE AERIAL SUSPENDED, COMMUNICATION, NO. 18 3 PAIR	FOOT	673				673		
*	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4				4		
*	87900200	DRILL EXISTING HANDHOLE	EACH	4				4		
*	88030030	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, SPAN WIRE MOUNTED	EACH	6				6		
*	88030120	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, SPAN WIRE MOUNTED	EACH	6				6		
*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	12				12		

LEGEND

- I - ROADWAY
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- * - SPECIALTY ITEM

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TENG TENG & ASSOCIATES, INC.
 ENGINEERS ARCHITECTS PLANNERS
 CHICAGO, ILLINOIS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 345 / US ROUTE 20

SUMMARY OF QUANTITIES - VIII

SCALE: N.T.S.	SHEET NO. OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-HB-2-BY-1	KANE	434	11
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 60K90				

SPECIALTY ITEM	CODE NO.	ITEM NAME	UNIT	URBAN TOTAL QUANTITY	I	II	III	IV	V	VI
					100% STATE 0004	100% STATE 0014	100% STATE 0040	100% STATE 0021	100% ELGIN 0021	80% STATE 20% ELGIN 0021
*	88500100	INDUCTIVE LOOP DETECTOR	EACH	3				3		
*	88600100	DETECTOR LOOP, TYPE I	FOOT	66				66		
*	88600700	PERFORMED DETECTOR LOOP	FOOT	477				477		
*	88700200	LIGHT DETECTOR	EACH	2					2	
*	88700300	LIGHT DETECTOR AMPLIFIER	EACH	1					1	
*	88800100	PEDESTRIAN PUSH-BUTTON	EACH	10				10		
*	89502200	MODIFY EXISTING CONTROLLER	EACH	2				2		
*	89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	500				500		
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1				1		
*	89502380	REMOVE EXISTING HANDHOLE	EACH	9				9		
*	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9				9		
	K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	40	40					
	K0036120	MULCH PLACEMENT 4"	SQ YD	428	428					
	X0322118	REMOVE CONCRETE FLARED END SECTIONS	EACH	16	16					
	X0324045	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL	EACH	12	12					
	X0324431	TEMPORARY SOIL RETENTION SYSTEM (TO REMAIN IN PLACE)	SQ FT	3560	3560					
	X0324775	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE	SQ YD	4600	4600					
	X0325444	TEMPORARY CONCRETE BARRIER (INSTALL ONLY)	FOOT	13737.5	13737.5					
	X0325561	CULVERTS TO BE GROUTED	CU YD	6	6					
*	X0326133	TEMPORARY WOOD POLE, 45 FEET, CLASS 5	EACH	7				7		
	X0327204	VALVE VAULT 4' DIAMETER	EACH	4	1				3	
	X0556100	PARTIAL DEPTH PATCHING (SPECIAL)	SQ YD	1409	1409					
	X4421000	PARTIAL DEPTH PATCHING	TBN	158	158					
	X2011000	TEMPORARY FENCE (SPECIAL)	FOOT	1336	1336					
	X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	1684		20	1664			
	X2502024	SEEDING, CLASS 4B (MODIFIED)	ACRE	0.68	0.68					
	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	27	27					

LEGEND

- I - ROADWAY
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- * - SPECIALTY ITEM

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 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

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PLOT DATE = #DATE#	CHECKED - DDH	REVISED -
	DATE - 05/18/11	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**
 FAP ROUTE 345 / US ROUTE 20

SUMMARY OF QUANTITIES - IX

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 345	SECTION 8R-HB-2-BY-1	COUNTY KANE	TOTAL SHEETS 434	SHEET NO. 12
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

Rev.

CONTRACT NO. 60K90

SPECIALTY ITEM	CODE NO.	ITEM NAME	UNIT	URBAN TOTAL QUANTITY	I	II	III	IV	V	VI
					100% STATE 0004	100% STATE 0014	100% STATE 0040	100% STATE 0021	100% ELGIN 0021	80% STATE 20% ELGIN 0021
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	465	465					
	X5539700	STORM SEWERS TO BE CLEANED	FOOT	1629	1629					
	X5610004	DUCTILE IRON WATER MAIN FITTINGS	POUND	1856	1334				522	
	X5610708	WATER MAIN REMOVAL, 8"	FOOT	447	100				347	
	X5630708	CONNECTION TO EXISTING WATER MAIN 8"	EACH	4	1				3	
	X6026622	VALVE VAULTS TO BE REMOVED	EACH	3					3	
	X6061005	CONCRETE CURB, TYPE B (SPECIAL)	FOOT	169	169					
	X6640210	TEMPORARY CHAIN LINK FENCE (PORTABLE)	FOOT	723	723					
	X6640300	CHAIN LINK FENCE REMOVAL	FOOT	2684	2684					
	X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	15	15					
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1					
	X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	47568	47568					
	X7030040	WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH	FOOT	392	392					
	X7030045	WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH	FOOT	2827	2827					
	X7030050	WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH	FOOT	616	616					
	X8210405	LUMINAIRE SHIELD	EACH	45				45		
	XX001490	GATE VALVES, 8"	EACH	4	1				3	
	XX007985	SPECIAL FRAME, CLOSED LID	EACH	4	1				3	
	Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	12617	12617					
	Z0013796	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	SQ YD	4600	4600					
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1					
	Z0016202	DECK SLAB REPAIR (PARTIAL) - (SPECIAL)	SQ YD	1.7		1.7				
	Z0016702	DETOUR SIGNING	L SUM	1	1					
	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	14	14					
	Z0019500	DRYWELL	EACH	4	4					
	Z0026346	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1					
	Z0030150	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	8	8					

LEGEND

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- V - CITY OF ELGIN EVP AND WELD RD WATER MAIN
- VI - NEW CITY ELGIN SIDEWALK
- * - SPECIALTY ITEM

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TENG TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 345 / US ROUTE 20

SUMMARY OF QUANTITIES - X

SCALE: N.T.S.	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	BR-HB-2-BY-1	KANE	434	13
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60K90	

Rev.

SPECIALTY ITEM	CODE NO.	ITEM NAME	UNIT	URBAN TOTAL QUANTITY	I	II	III	IV	V	VI
					100% STATE 0004	100% STATE 0014	100% STATE 0040	100% STATE 0021	100% ELGIN 0021	80% STATE 20% ELGIN 0021
	Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	5	5					
	Z0030350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	7	7					
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	595	595					
*	Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	21				21		
*	Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1				1		
	Z0042002	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	790	790					
	Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	1295		40	1255			
	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	198	198					
	Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	43	43					
	Z0056620	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	FOOT	149	149					
	Z0062456	TEMPORARY PAVEMENT	SQ YD	50482	50482					
	Z0064800	SELECTIVE CLEARING	UNIT	14	14					
	Z0065752	SLOTTED DRAIN 12" WITH 6" SLOT	FOOT	715	715					
	Z0073002	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	8630			8630			
*	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2				2		
	X0327294	STORM SEWERS TO BE GROUTED	CU YD	5	5					
	X6021193	TEMPORARY CATCH BASINS	EACH	13	13					
	X0327298	TEMPORARY END SECTION	EACH	4	4					
*	X0327313	TEMPORARY WOOD POLE, 90 FT., CLASS 4, 20 FT. MAST ARM AND LUMINAIRE	EACH	2				2		
*	X0327315	MAST ARM, STEEL, 20 FT (MATERIAL ONLY)	EACH	93				93		
*	X0327316	TEMPORARY WOOD POLE, 60 FT., CLASS 4, 20 FT. MAST ARM AND LUMINAIRE (INSTALL ONLY)	EACH	76				76		
*	X0327317	TEMPORARY WOOD POLE, 90 FT., CLASS 4, 20 FT. MAST ARM AND LUMINAIRE (INSTALL ONLY)	EACH	17				17		
*	X8250067	TEMPORARY LIGHTING CONTROLLER, POLE MOUNTED 240 VOLT, 100 AMP (INSTALL ONLY)	EACH	2				2		
	X003101	TEMPORARY PAVEMENT, 8"	SQ YD	4802	4802					
*	X8730255	ELECTRIC CABLE AERIAL SUSPENDED NO 20 3/C TWISTED SHIELDED	FOOT	238				238		
*	X0327314	TEMPORARY WOOD POLE, 25 FEET, CLASS 4	EACH	4				4		
	X5620116	WATER SERVICE CONNECTION (SHORT)	EACH	3				3		
	X0327312	POLYETHYLENE WRAP, 8"	FOOT	820	112			708		

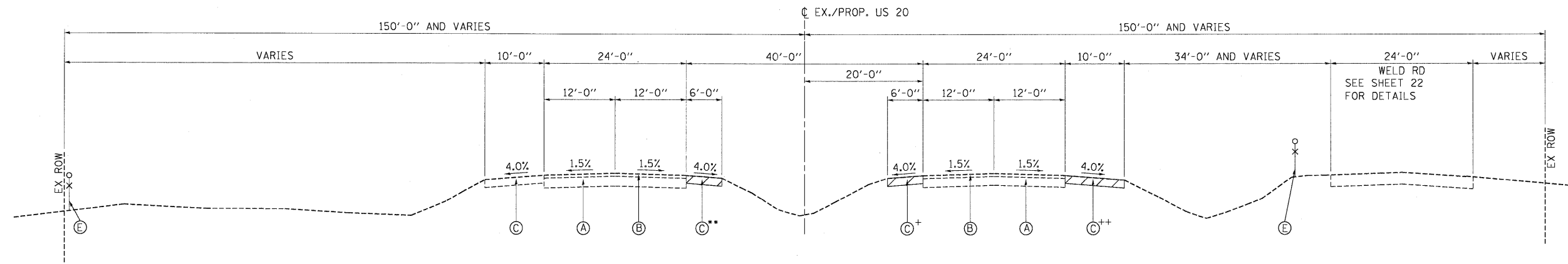
LEGEND

- I - ROADWAY
- II - BRIDGE
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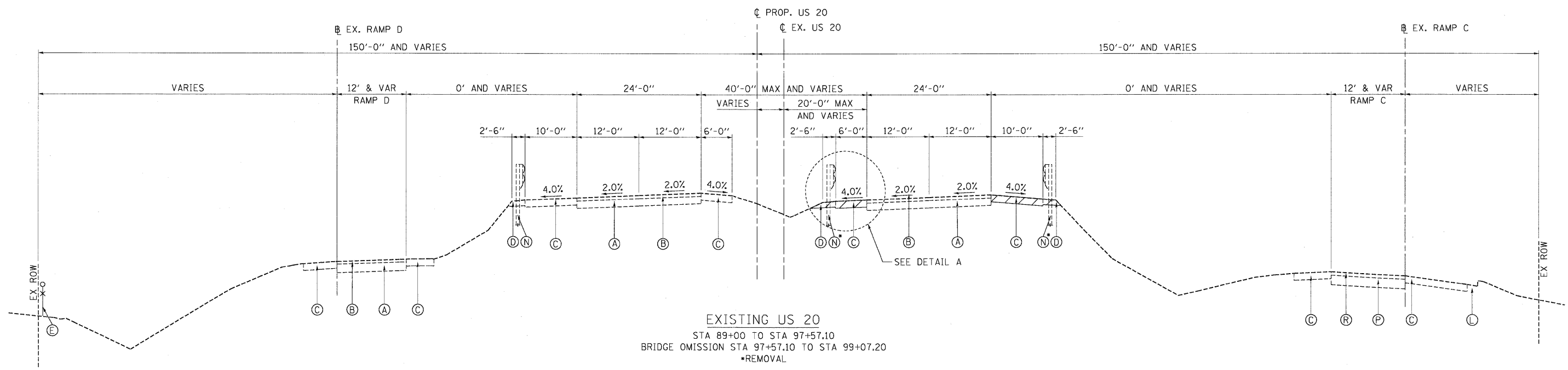
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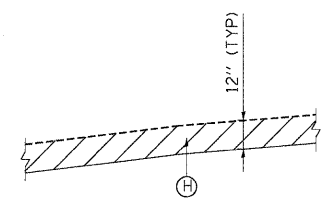
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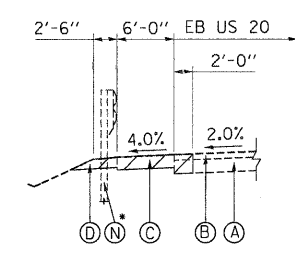
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 STA 58+16 TO STA 89+00
 ** WB US 20 INSIDE SHOULDER REMOVAL FROM STA 61+00 TO STA 70+00 AND STA 78+50 TO STA 84+50
 + EB US 20 INSIDE SHOULDER REMOVAL BEGINS AT STA 59+35
 ++ EB US 20 OUTSIDE SHOULDER REMOVAL BEGINS AT STA 54+00



EXISTING US 20
 STA 89+00 TO STA 97+57.10
 BRIDGE OMISSION STA 97+57.10 TO STA 99+07.20
 *REMOVAL



EXISTING US 20 TOPSOIL REMOVAL DETAIL
 SEE US 20 CROSS SECTIONS FOR TOPSOIL REMOVAL LIMITS



DETAIL A
 STA 95+20 TO STA 97+57.10
 *REMOVAL

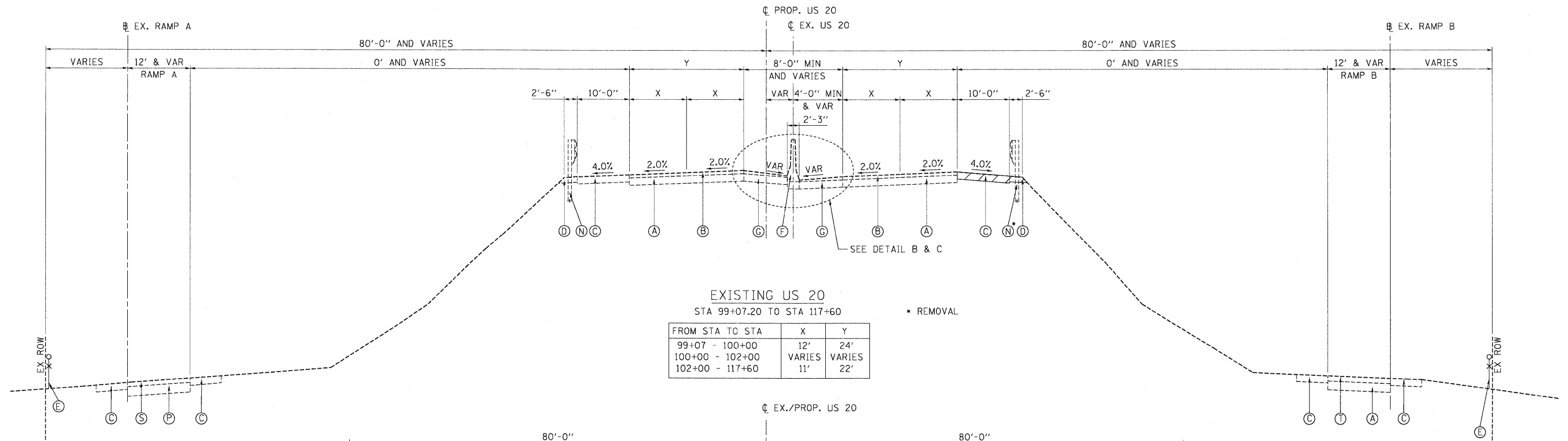
- NOTES:**
- EXISTING DIMENSIONS SHOWN ARE FROM RECORD PLANS. ACTUAL DIMENSIONS MAY VARY.
 - THE EXISTING PAVEMENT SLABS ARE REINFORCED WITH WIRE MESH.
 - EXISTING THICKNESSES SHOWN ARE FROM RECORD PLANS. AND PAVEMENT CORES. ACTUAL THICKNESSES MAY VARY.

EXISTING LEGEND		PROPOSED LEGEND	
(A) PCC PAVEMENT (10" AND VARIES)	(H) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	(1) PCC PVT 10 JOINTED	(16) COMB CC&G TB6.12
(B) HMA SURFACE (3" AND VARIES)	(I) HOT-MIX ASPHALT BASE COURSE	(2) AGGREGATE SUBGRADE 12"	(17) COMB CC&G TB6.24
(C) HMA SHOULDER (8" AND VARIES)	(J) EXIST PAVEMENT	(3) HMA PAVT FD 9 3/4"	(18) CONC CURB TB SPL
(D) HMA SHOULDER (6" AND VARIES)	(K) PCC SIDE WALK	(4) PARTIAL DEPTH PATCHING (SPECIAL)	(19) PC CONC SIDEWALK 5"
(E) FENCE	(L) CURB AND GUTTER	(5) AGGREGATE SHOULDERS, TYPE B 4"	(20) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
(F) CONCRETE BARRIER	(M) CONCRETE MEDIAN	(6) TEMPORARY SOIL RETENTION SYSTEM	(21) SUBBASE GRANULAR MATERIAL, TYPE B (10")
(G) PORTLAND CEMENT CONCRETE SHOULDER (10" & VAR.)	(N) STEEL PLATE BEAM GUARDRAIL	(7) BITUMINOUS MATERIALS (PRIME COAT)	(22) COMPOST FURNISH AND PLACE, 2" & TOPSOIL FURNISH AND PLACE, 4"
	(O) NOT USED		(23) TOPSOIL FURNISH AND PLACE, 6"
			(24) LONGITUDINAL CONSTRUCTION JOINT
			(25) LONGITUDINAL SAWED JOINT
			(26) TEMP CONC BARRIER (INSTALL ONLY)
			(27) TEMP PAVEMENT (INTERSTATE)
			(28) EMBANKMENT
			(29) RETAINING WALL (SEE STRUCTURAL PLANS)
			(30) FENCE (SEE PLANS FOR TYPE)
			(31) SLOTTED DRAIN 12" WITH 6" SLOT
			(32) TEMPORARY PAVEMENT
			(33) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
			(34) STABILIZED SUBBASE (HMA) 4 1/2"
			(35) SEEDING, CLASS 7
			(36) SODDING, SALT TOLERANT
			(37) SEEDING, CLASS 4
			(38) CONC CURB TB
			(39) AGG WEDGE SHLD TYPE B (TONS)
			(40) HMA SC "C" N50 (IL 9.5mm)

FILE NAME =	USER NAME = \$USER\$	DESIGNED - BRH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20	EXISTING TYPICAL SECTIONS U.S. ROUTE 20			F.A.P. RTE. 345	SECTION 8R-HB-2-BY-1	COUNTY KANE	TOTAL SHEETS 434	SHEET NO. 15
FILE#		DRAWN - BRH	REVISED -		SCALE: 1"=10'	SHEET NO. OF SHEETS	STA. 58+16.00 TO STA. 97+57.10	CONTRACT NO. 60K90				
		CHECKED - DDH	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE - 05/18/11	REVISED -									



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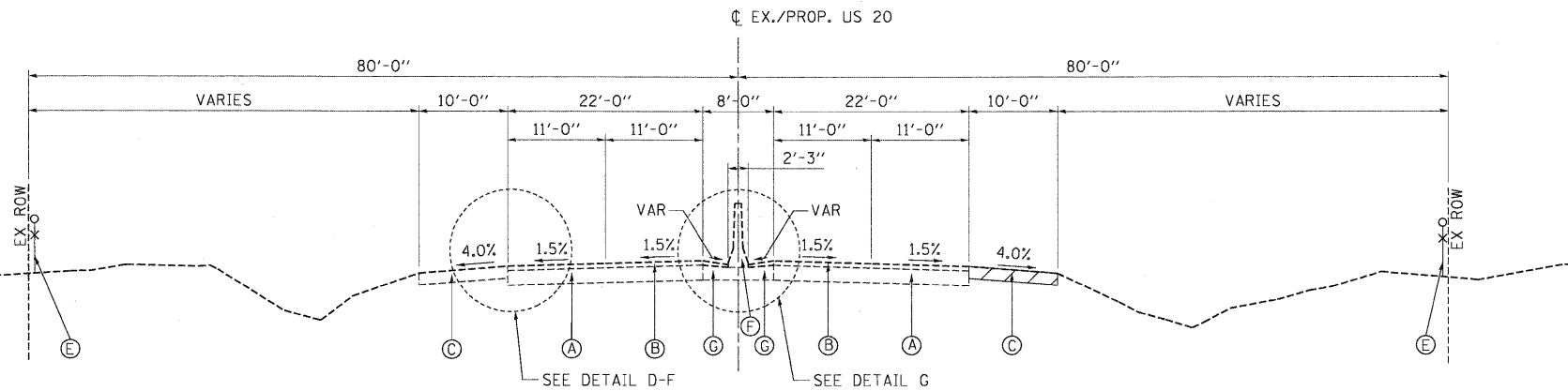


EXISTING US 20
STA 99+07.20 TO STA 117+60

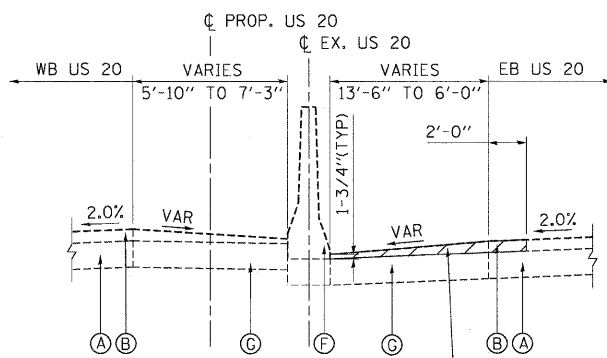
FROM STA TO STA	X	Y
99+07 - 100+00	12'	24'
100+00 - 102+00	VARIES	VARIES
102+00 - 117+60	11'	22'

NOTES:

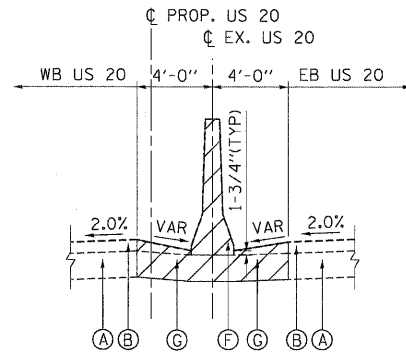
- EXISTING DIMENSIONS SHOWN ARE FROM RECORD PLANS. ACTUAL DIMENSIONS MAY VARY.
- THE EXISTING PAVEMENT SLABS ARE REINFORCED WITH WIRE MESH.
- EXISTING THICKNESSES SHOWN ARE FROM RECORD PLANS AND PAVEMENT CORES. ACTUAL THICKNESSES MAY VARY.



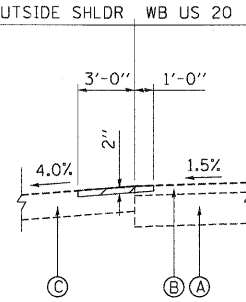
EXISTING US 20
STA 117+60 TO STA 156+02



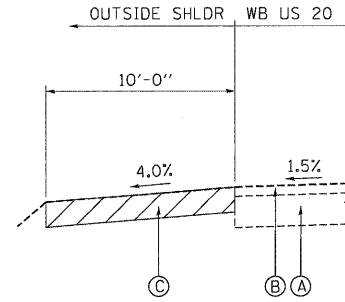
DETAIL B
STA 99+18 TO STA 103+08



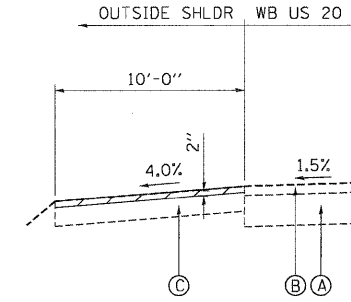
DETAIL C
STA 113+69 TO STA 116+57



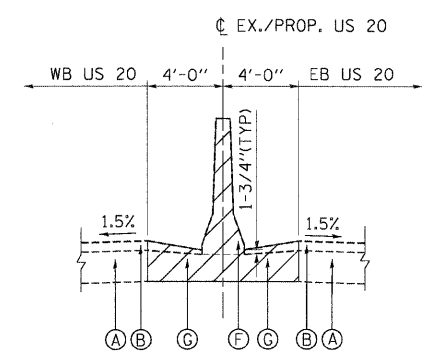
DETAIL D
STA 112+88 TO STA 118+57



DETAIL E
STA 138+88 TO STA 148+00



DETAIL F
STA 148+00 TO STA 156+02



DETAIL G
STA 140+24 TO STA 153+32

EXISTING LEGEND

- (A) PCC PAVEMENT (10" AND VARIES)
- (B) HMA SURFACE (3" AND VARIES)
- (C) HMA SHOULDER (8" AND VARIES)
- (D) HMA SHOULDER (6" AND VARIES)
- (E) FENCE
- (F) CONCRETE BARRIER
- (G) PORTLAND CEMENT CONCRETE SHOULDER (10" & VAR.)
- (H) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- (I) HOT-MIX ASPHALT BASE COURSE
- (J) EXIST PAVEMENT
- (K) PCC SIDE WALK
- (L) CURB AND GUTTER
- (M) CONCRETE MEDIAN
- (N) STEEL PLATE BEAM GUARDRAIL
- (O) NOT USED

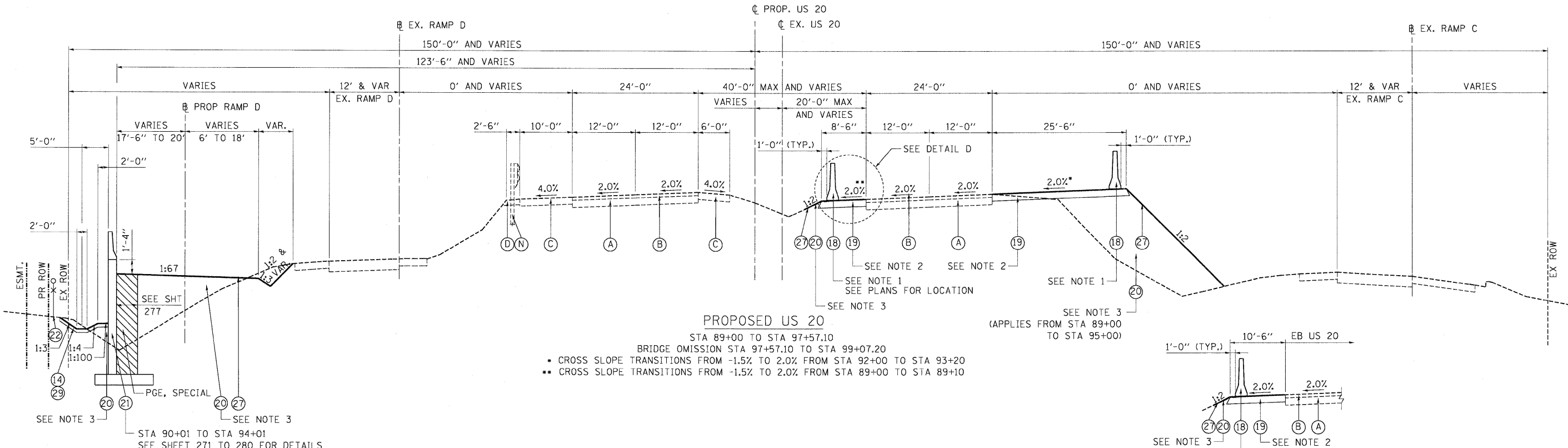
PROPOSED LEGEND

- (P) PCC PAVEMENT (11" AND VARIES)
- (R) HMA SURFACE (4" AND VARIES)
- (S) HMA SURFACE (5" AND VARIES)
- (T) HMA SURFACE (6" AND VARIES)
- (1) PCC PVT 10 JOINTED
- (2) AGGREGATE SUBGRADE 12"
- (3) HMA PAVT FD 9 3/4"
- (4) PARTIAL DEPTH PATCHING (SPECIAL)
- (5) AGGREGATE SHOULDERS, TYPE B 4"
- (6) TEMPORARY SOIL RETENTION SYSTEM
- (7) BITUMINOUS MATERIALS (PRIME COAT)
- (8) COMB CC&G TB6.12
- (9) COMB CC&G TB6.24
- (10) CONC CURB TB SPL
- (11) PC CONC SIDEWALK 5"
- (12) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (13) SUBBASE GRANULAR MATERIAL, TYPE B (10")
- (14) COMPOST FURNISH AND PLACE, 2" & TOPSOIL
- (15) FURNISH AND PLACE, 4"
- (16) LONGITUDINAL CONSTRUCTION JOINT
- (17) LONGITUDINAL SAWED JOINT
- (18) TEMP CONC BARRIER (INSTALL ONLY)
- (19) TEMP PAVEMENT (INTERSTATE)
- (20) EMBANKMENT
- (21) RETAINING WALL (SEE STRUCTURAL PLANS)
- (22) FENCE (SEE PLANS FOR TYPE)
- (23) SLOTTED DRAIN 12" WITH 6" SLOT
- (24) TEMPORARY PAVEMENT
- (25) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- (26) STABILIZED SUBBASE (HMA) 4 1/2"
- (27) SEEDING, CLASS 7
- (28) SODDING, SALT TOLERANT
- (29) SEEDING, CLASS 4
- (30) CONC CURB TB
- (31) AGG WEDGE SHLD TYPE B (TONS)
- (32) HMA SC "C" N50 (IL 9.5mm)

PROPOSED LEGEND

- (16) LONGITUDINAL CONSTRUCTION JOINT
- (17) LONGITUDINAL SAWED JOINT
- (18) TEMP CONC BARRIER (INSTALL ONLY)
- (19) TEMP PAVEMENT (INTERSTATE)
- (20) EMBANKMENT
- (21) RETAINING WALL (SEE STRUCTURAL PLANS)
- (22) FENCE (SEE PLANS FOR TYPE)
- (23) SLOTTED DRAIN 12" WITH 6" SLOT
- (24) TEMPORARY PAVEMENT

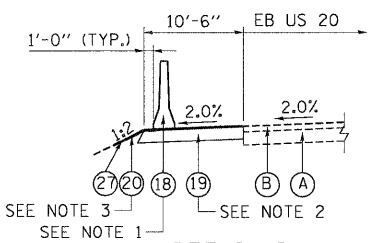
FILE NAME =	USER NAME = #USER#	DESIGNED - BRH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20				EXISTING TYPICAL SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - BRH	REVISED -					U.S. ROUTE 20				345	BR-HB-2-BY-1	KANE	434	16
		CHECKED - DDH	REVISED -					SCALE: 1"=10'				CONTRACT NO. 60K90				
		DATE - 05/18/11	REVISED -	SHEET NO. OF SHEETS				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								



PROPOSED US 20

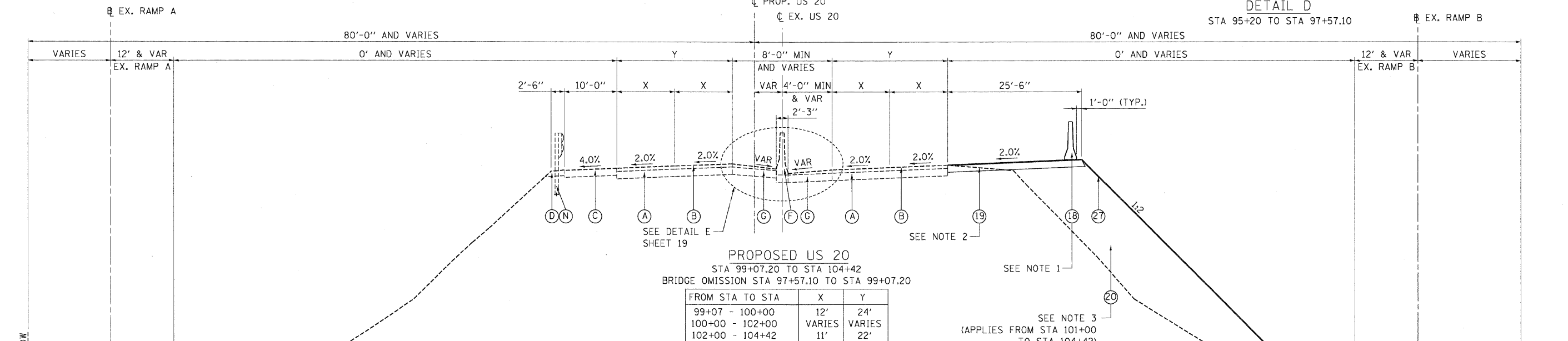
STA 89+00 TO STA 97+57.10
BRIDGE OMISSION STA 97+57.10 TO STA 99+07.20

- CROSS SLOPE TRANSITIONS FROM -1.5% TO 2.0% FROM STA 92+00 TO STA 93+20
- CROSS SLOPE TRANSITIONS FROM -1.5% TO 2.0% FROM STA 89+00 TO STA 89+10



DETAIL D

STA 95+20 TO STA 97+57.10



PROPOSED US 20

STA 99+07.20 TO STA 104+42
BRIDGE OMISSION STA 97+57.10 TO STA 99+07.20

FROM STA TO STA	X	Y
99+07 - 100+00	12'	24'
100+00 - 102+00	VARIES	VARIES
102+00 - 104+42	11'	22'

NOTES:

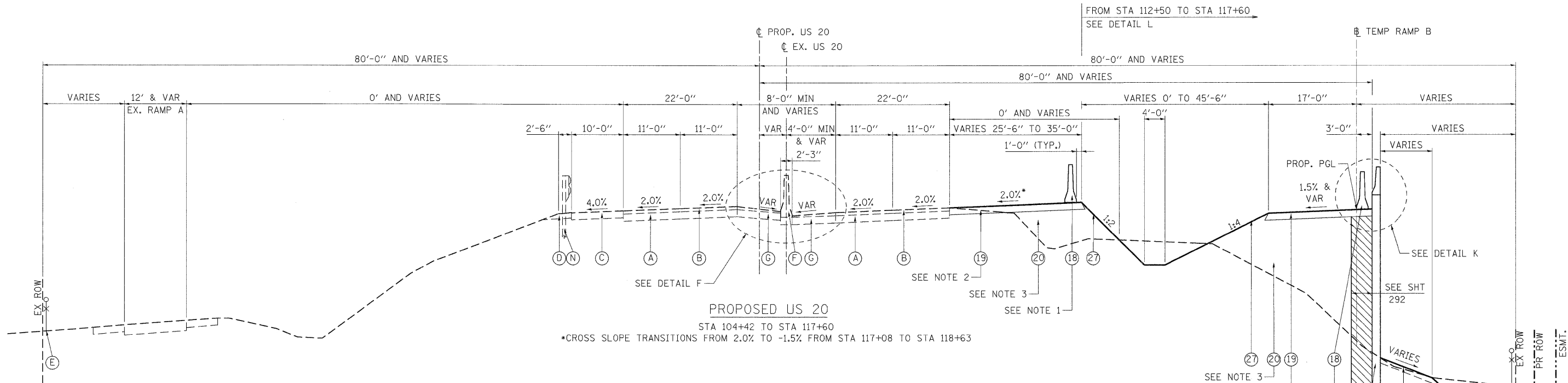
- TEMPORARY CONCRETE BARRIER SHALL BE SECURED TO THE PAVEMENT USING THREE ANCHORING PINS ON TRAFFIC SIDE ONLY. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TEMPORARY CONCRETE BARRIER (INSTALL ONLY)".
- SEE SHEET 24 AND TEMPORARY PAVEMENT SPECIAL PROVISION FOR PAVEMENT DESIGN.
- EMBANKMENT AT THE LOCATIONS INDICATED SHALL BE CONSTRUCTED ACCORDING TO THE "EMBANKMENT I" AND "EMBANKMENT STABILITY" SPECIAL PROVISIONS. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "EARTH EXCAVATION" OR "FURNISHED EXCAVATION" AS APPLICABLE.

EXISTING LEGEND		REMOVAL		PROPOSED LEGEND		PGES	
(A) PCC PAVEMENT (10" AND VARIES)	(H) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	(P) PCC PAVEMENT (11" AND VARIES)	(X) PGES	(8) COMB CC&G TB6.12	(16) LONGITUDINAL CONSTRUCTION JOINT	(25) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	(32) HMA SC "C" N50 (IL 9.5mm)
(B) HMA SURFACE (3" AND VARIES)	(I) HOT-MIX ASPHALT BASE COURSE	(R) HMA SURFACE (4" AND VARIES)		(9) COMB CC&G TB6.24	(17) LONGITUDINAL SAWED JOINT	(26) STABILIZED SUBBASE (HMA) 4 1/2"	(31) CONC CURB TB
(C) HMA SHOULDER (8" AND VARIES)	(J) EXIST PAVEMENT	(S) HMA SURFACE (5" AND VARIES)		(10) CONC CURB TB SPL	(18) TEMP CONC BARRIER (INSTALL ONLY)	(27) SEEDING, CLASS 7	(30) AGG WEDGE SHLD TYPE B (TONS)
(D) HMA SHOULDER (6" AND VARIES)	(K) PCC SIDE WALK	(T) HMA SURFACE (6" AND VARIES)		(11) PC CONC SIDEWALK 5"	(19) TEMP PAVEMENT (INTERSTATE)	(28) SODDING, SALT TOLERANT	(29) HMA SC "C" N50 (IL 9.5mm)
(E) FENCE	(L) CURB AND GUTTER			(12) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"	(20) EMBANKMENT	(29) SODDING, SALT TOLERANT	
(F) CONCRETE BARRIER	(M) CONCRETE MEDIAN			(13) SUBBASE GRANULAR MATERIAL, TYPE B (10")	(21) RETAINING WALL (SEE STRUCTURAL PLANS)	(30) CONC CURB TB	
(G) PORTLAND CEMENT CONCRETE SHOULDER (10" & VAR.)	(N) STEEL PLATE BEAM GUARDRAIL			(14) COMPOST FURNISH AND PLACE, 2" & TOPSOIL	(22) FENCE (SEE PLANS FOR TYPE)	(31) AGG WEDGE SHLD TYPE B (TONS)	
	(O) NOT USED			(15) TOPSOIL FURNISH AND PLACE, 6"	(23) SLOTTED DRAIN 12" WITH 6" SLOT	(32) HMA SC "C" N50 (IL 9.5mm)	

FILE NAME =	USER NAME = \$USER\$	DESIGNED - BRH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20		PROPOSED TYPICAL SECTIONS U.S. ROUTE 20		F.A.P. RTE. = 345	SECTION = 8R-HB-2-BY-1	COUNTY = KANE	TOTAL SHEETS = 434	SHEET NO. = 18		
\$FILEL\$		DRAWN - BRH	REVISED -					SCALE: 1"=10'	SHEET NO. OF SHEETS	STA. 89+00.00 TO STA. 104+42.00	FED. ROAD DIST. NO. = ILLINOIS	FED. AID PROJECT	CONTRACT NO. 60K90	
		CHECKED - DDH	REVISED -											
		DATE = 05/18/11	REVISED -											

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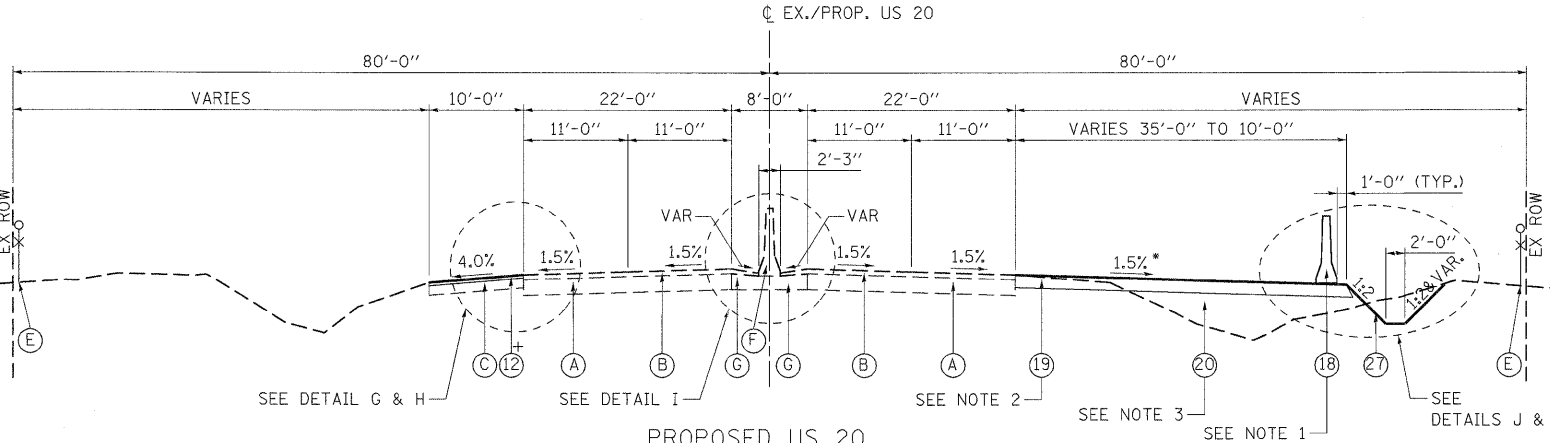




PROPOSED US 20
STA 104+42 TO STA 117+60

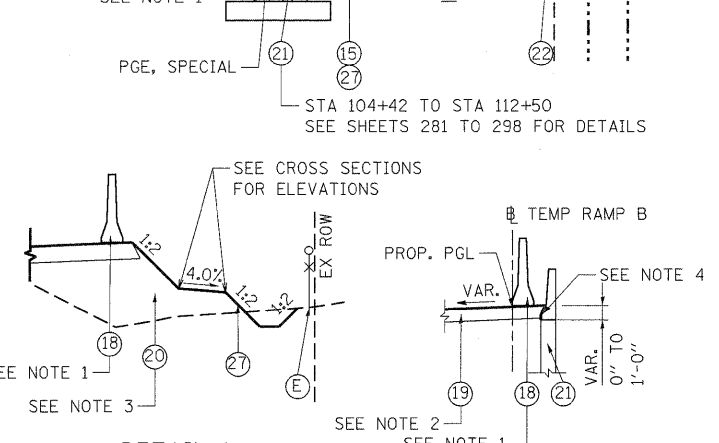
*CROSS SLOPE TRANSITIONS FROM 2.0% TO -1.5% FROM STA 117+08 TO STA 118+63

- NOTES:**
- TEMPORARY CONCRETE BARRIER SHALL BE SECURED TO THE PAVEMENT USING THREE ANCHORING PINS ON TRAFFIC SIDE ONLY. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TEMPORARY CONCRETE BARRIER (INSTALL ONLY)".
 - SEE SHEET 24 AND TEMPORARY PAVEMENT SPECIAL PROVISION FOR PAVEMENT DESIGN.
 - EMBANKMENT AT THE LOCATIONS INDICATED SHALL BE CONSTRUCTED ACCORDING TO THE "EMBANKMENT I" AND "EMBANKMENT STABILITY" SPECIAL PROVISIONS. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "EARTH EXCAVATION" OR "FURNISHED EXCAVATION" AS APPLICABLE.
 - THE CONTRACTOR SHALL FURNISH AND INSTALL A PHYSICAL BOND BREAKER BETWEEN THE RAMP B TEMPORARY PAVEMENT AND THE PARAPET. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TEMPORARY PAVEMENT (INTERSTATE)".



PROPOSED US 20
STA 117+60 TO STA 156+02

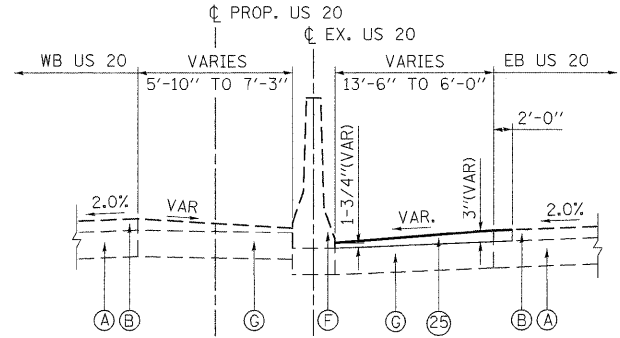
*CROSS SLOPE TRANSITIONS FROM 2.0% TO -1.5% FROM STA 117+08 TO STA 118+63 + WB OUTSIDE SHOULDER RESURFACING STA 148+00 TO STA 156+02



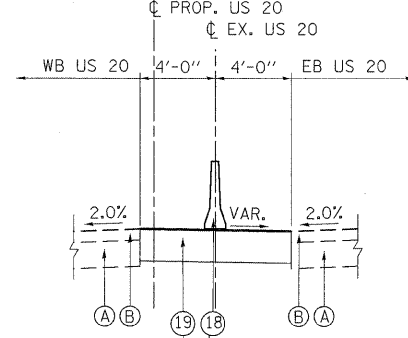
DETAIL L
STA 112+50 TO STA 118+00

DETAIL K
STA 104+42 TO STA 104+82

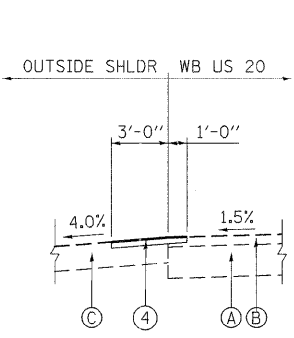
DETAIL J
STA 136+00 TO STA 141+00



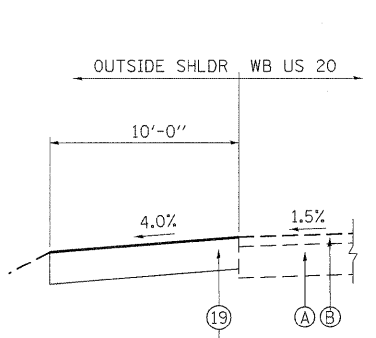
DETAIL E
STA 99+18 TO STA 103+08



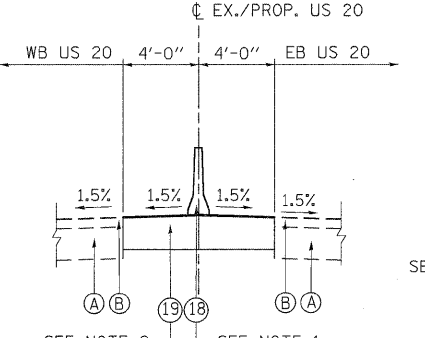
DETAIL F
STA 113+68 TO STA 117+00



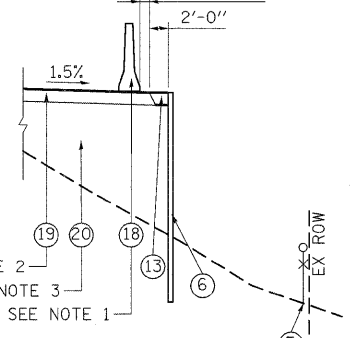
DETAIL G
STA 112+88 TO STA 119+60



DETAIL H
STA 138+88 TO STA 148+00



DETAIL I
STA 140+24 TO STA 153+32



DETAIL J
STA 136+00 TO STA 141+00

EXISTING LEGEND		REMOVAL		PROPOSED LEGEND		PGE S		REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL		HOT-MIX ASPHALT SURFACE COURSE		EXIST PAVEMENT		CONCRETE MEDIAN		STEEL PLATE BEAM GUARDRAIL		NOT USED										
(A)	PCC PAVEMENT (10" AND VARIES)	(H)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	(P)	PCC PAVEMENT (11" AND VARIES)	(8)	COMB CC&G TB6.12	(16)	LONGITUDINAL CONSTRUCTION JOINT	(25)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	(17)	LONGITUDINAL SAWED JOINT	(26)	STABILIZED SUBBASE (HMA) 4 1/2"	(27)	SEEDING, CLASS 7	(28)	SODDING, SALT TOLERANT	(29)	SEEDING, CLASS 4	(30)	CONC CURB TB	(31)	AGG WEDGE SHLD TYPE B (TONS)	(32)	HMA SC "C" NS0 (IL 9.5mm)	
(B)	HMA SURFACE (3" AND VARIES)	(I)	HOT-MIX ASPHALT BASE COURSE	(R)	HMA SURFACE (4" AND VARIES)	(9)	COMB CC&G TB6.24	(18)	TEMP CONC BARRIER (INSTALL ONLY)	(26)	STABILIZED SUBBASE (HMA) 4 1/2"	(18)	TEMP CONC BARRIER (INSTALL ONLY)	(27)	SEEDING, CLASS 7	(19)	EMBANKMENT	(21)	RETAINING WALL (SEE STRUCTURAL PLANS)	(22)	FENCE (SEE PLANS FOR TYPE)	(23)	SLOTTED DRAIN 12" WITH 6" SLOT	(24)	TEMPORARY PAVEMENT			
(C)	HMA SHOULDER (8" AND VARIES)	(J)	EXIST PAVEMENT	(S)	HMA SURFACE (5" AND VARIES)	(10)	CONC CURB TB SPL	(19)	TEMP PAVEMENT (INTERSTATE)	(27)	SEEDING, CLASS 7																	
(D)	HMA SHOULDER (6" AND VARIES)	(K)	PCC SIDE WALK	(T)	HMA SURFACE (6" AND VARIES)	(11)	PC CONC SIDEWALK 5"	(20)	EMBANKMENT																			
(E)	FENCE	(L)	CURB AND GUTTER			(12)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"																					
(F)	CONCRETE BARRIER	(M)	CONCRETE MEDIAN			(13)	SUBBASE GRANULAR MATERIAL, TYPE B (10")																					
(G)	PORTLAND CEMENT CONCRETE SHOULDER (10" & VAR.)	(N)	STEEL PLATE BEAM GUARDRAIL			(14)	COMPOST FURNISH AND PLACE, 2" & TOPSOIL																					
		(O)	NOT USED			(15)	TOPSOIL FURNISH AND PLACE, 6"																					

TENG & ASSOCIATES, INC.
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CHICAGO, ILLINOIS

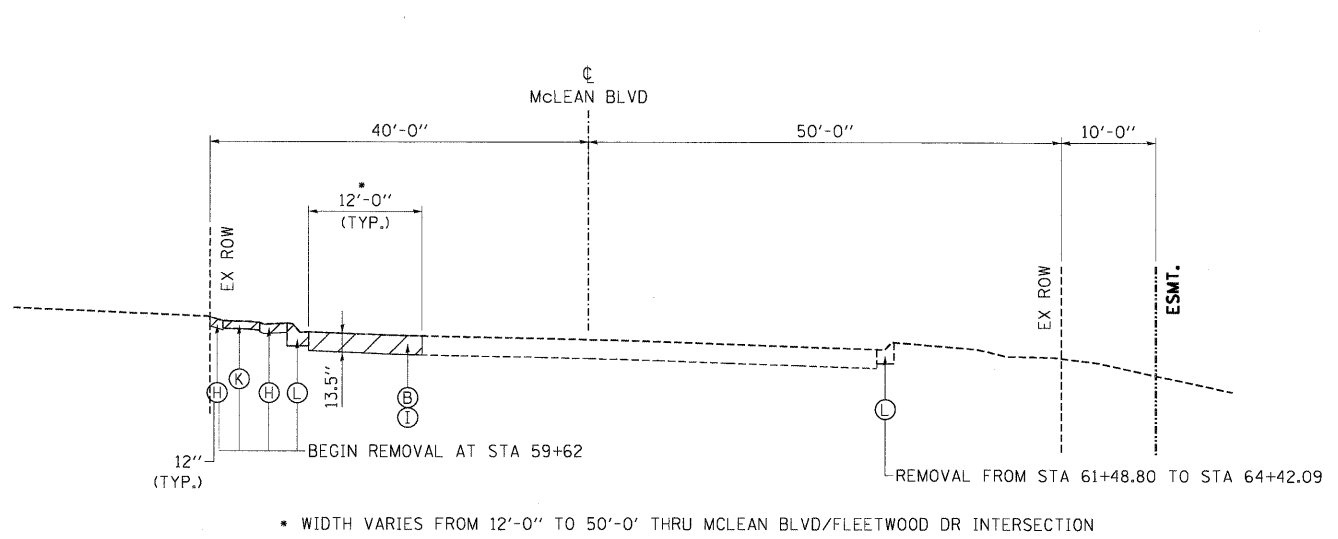
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP ROUTE 345 / US ROUTE 20

PROPOSED TYPICAL SECTIONS
U.S. ROUTE 20

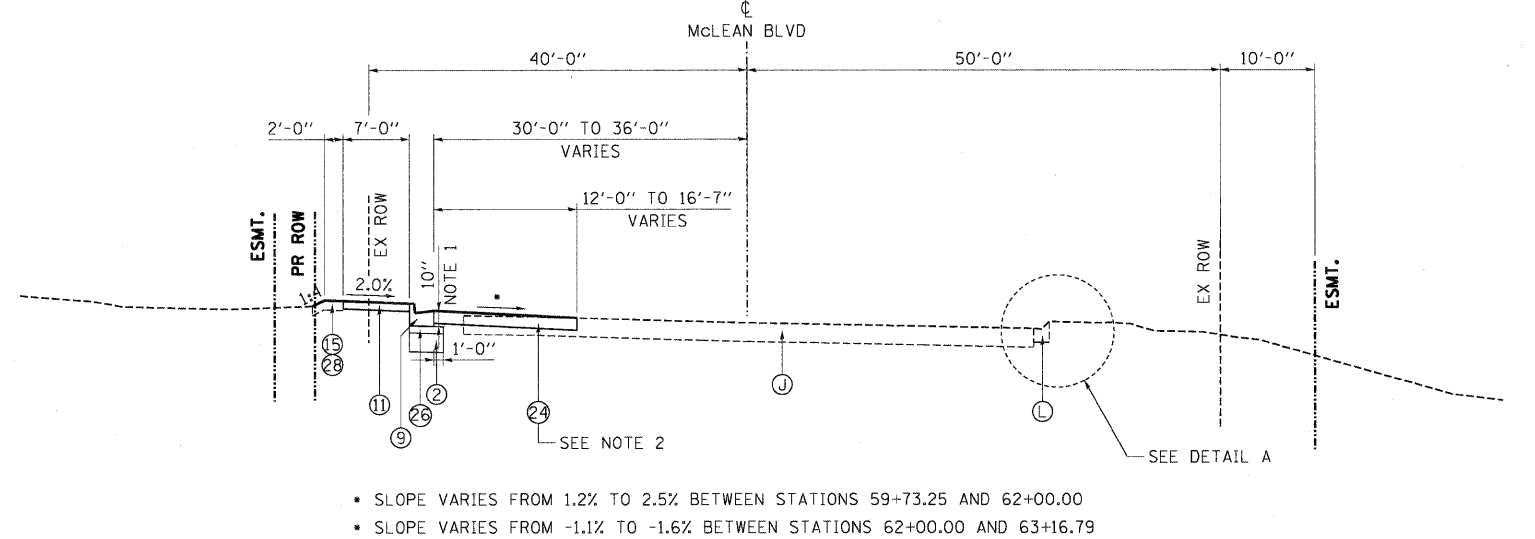
SCALE: 1"=10'
SHEET NO. OF SHEETS STA. 104+42.00 TO STA. 156+02.00

F.A.P. RTE. 345 SECTION 8R-HB-2-BY-1 COUNTY KANE TOTAL SHEETS 434 SHEET NO. 19

FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT CONTRACT NO. 60K90

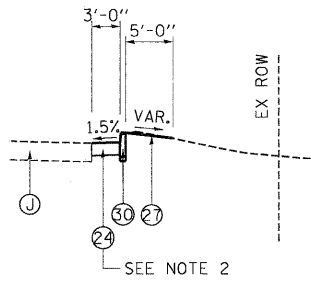


EXISTING TYPICAL SECTION
MCLEAN BLVD
STA. 56+85.81 TO STA. 65+61.55

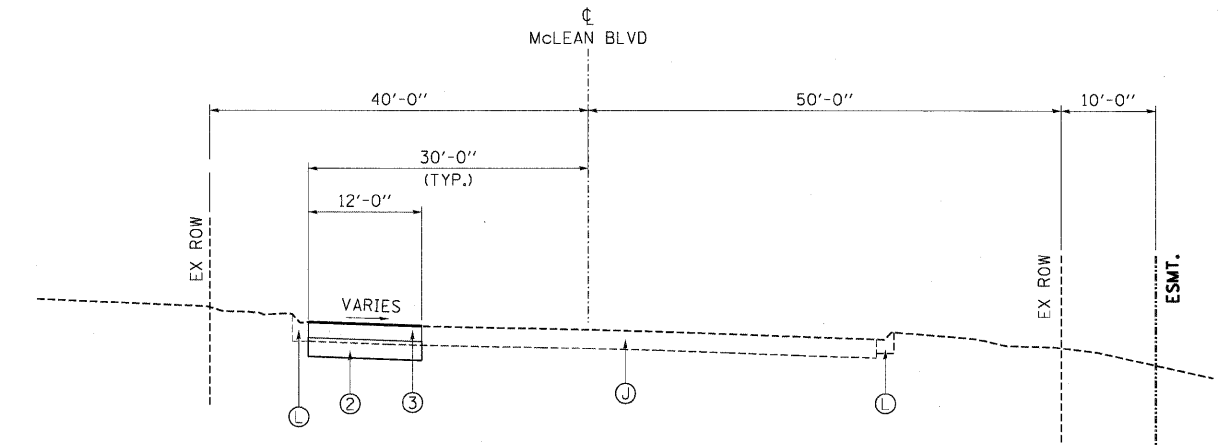


PROPOSED TYPICAL SECTION
MCLEAN BLVD
STA. 59+73.25 TO STA. 63+16.79

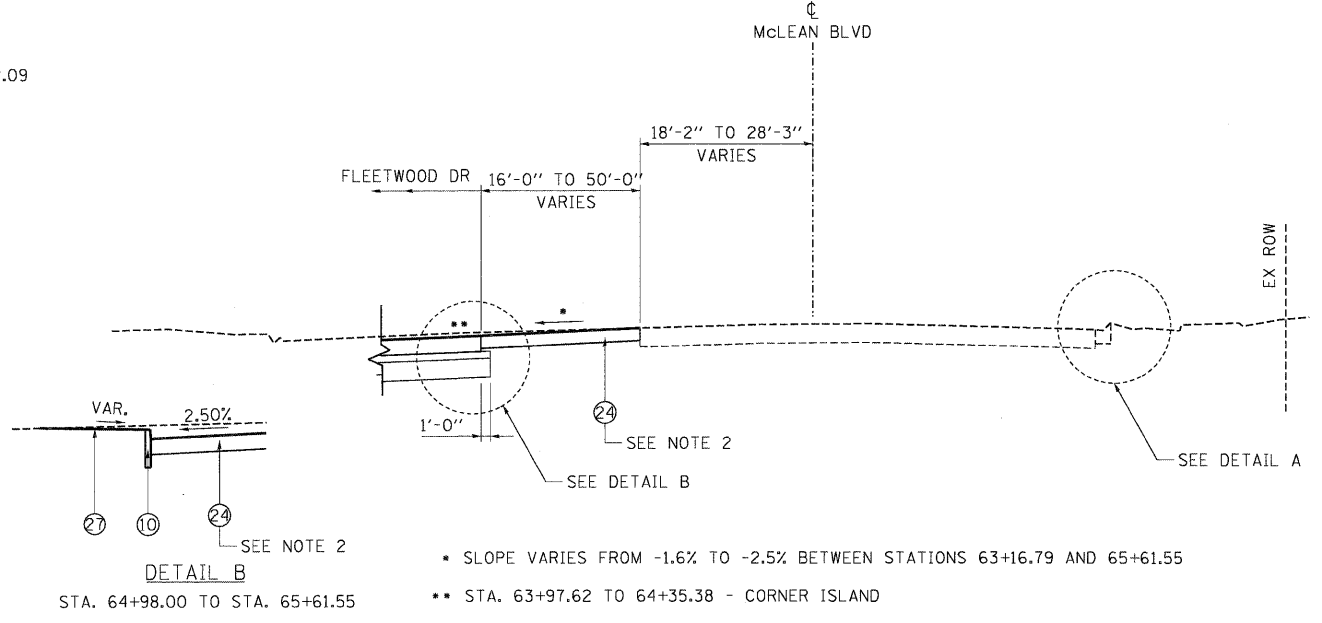
- NOTES:**
1. THE GUTTER THICKNESS SHALL BE 10" TO MATCH FUTURE PCC PAVEMENT THICKNESS.
 2. SEE SHEET 24 AND TEMPORARY PAVEMENT SPECIAL PROVISION FOR PAVEMENT DESIGN.



DETAIL A
STA. 61+48.80 TO STA. 64+42.09



PROPOSED TYPICAL SECTION
MCLEAN BLVD
STA. 56+85.81 TO STA. 59+73.25



PROPOSED TYPICAL SECTION
MCLEAN BLVD
STA. 63+16.79 TO STA. 65+61.55

- SLOPE VARIES FROM -1.6% TO -2.5% BETWEEN STATIONS 63+16.79 AND 65+61.55
- STA. 63+97.62 TO 64+35.38 - CORNER ISLAND

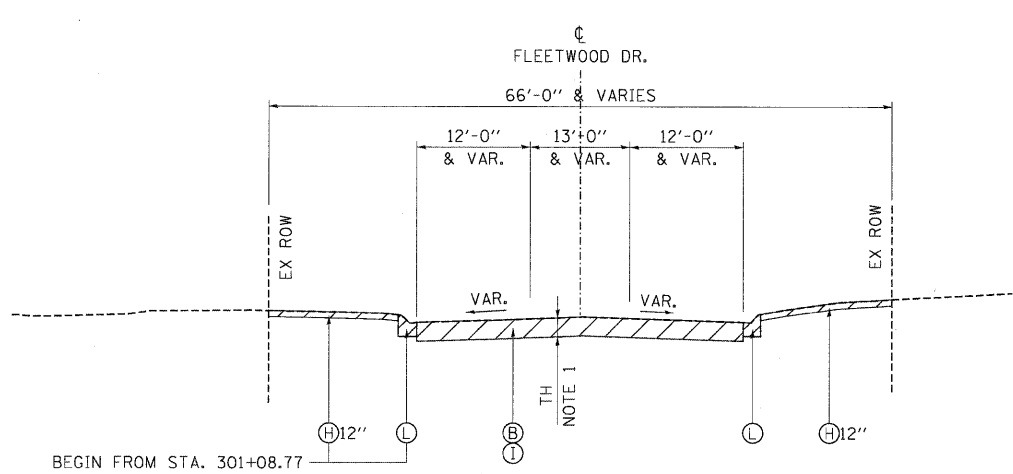
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EXISTING LEGEND		PROPOSED LEGEND	
(A) PCC PAVEMENT (10" AND VARIES)	(H) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	(P) PCC PAVEMENT (11" AND VARIES)	(8) COMB CC&G TB6.12
(B) HMA SURFACE (3" AND VARIES)	(I) HOT-MIX ASPHALT BASE COURSE	(R) HMA SURFACE (4" AND VARIES)	(9) COMB CC&G TB6.24
(C) HMA SHOULDER (8" AND VARIES)	(J) EXIST PAVEMENT	(S) HMA SURFACE (5" AND VARIES)	(10) CONC CURB TB SPL
(D) HMA SHOULDER (6" AND VARIES)	(K) PCC SIDE WALK	(T) HMA SURFACE (6" AND VARIES)	(11) PC CONC SIDEWALK 5"
(E) FENCE	(L) CURB AND GUTTER		(12) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
(F) CONCRETE BARRIER	(M) CONCRETE MEDIAN		(13) SUBBASE GRANULAR MATERIAL, TYPE B (10")
(G) PORTLAND CEMENT CONCRETE SHOULDER (10" & VAR.)	(N) STEEL PLATE BEAM GUARDRAIL		(14) COMPOST FURNISH AND PLACE, 2" & TOPSOIL
	(O) NOT USED		(15) FURNISH AND PLACE, 4"
			(16) TOPSOIL FURNISH AND PLACE, 6"

PROPOSED LEGEND		EXISTING AND PROPOSED TYPICAL SECTIONS	
(1) PCC PVT 10 JOINTED	(17) LONGITUDINAL SAWED JOINT	(16) LONGITUDINAL CONSTRUCTION JOINT	(25) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
(2) AGGREGATE SUBGRADE 12"	(18) TEMP CONC BARRIER (INSTALL ONLY)	(17) LONGITUDINAL SAWED JOINT	(26) STABILIZED SUBBASE (HMA) 4 1/2"
(3) HMA PAVT FD 9 3/4"	(19) TEMP PAVEMENT (INTERSTATE)	(18) TEMP CONC BARRIER (INSTALL ONLY)	(27) SEEDING, CLASS 7
(4) PARTIAL DEPTH PATCHING (SPECIAL)	(20) EMBANKMENT	(19) TEMP PAVEMENT (INTERSTATE)	(28) SODDING, SALT TOLERANT
(5) AGGREGATE SHOULDERS, TYPE B 4"	(21) RETAINING WALL (SEE STRUCTURAL PLANS)	(20) EMBANKMENT	(29) SEEDING, CLASS 4
(6) TEMPORARY SOIL RETENTION SYSTEM	(22) FENCE (SEE PLANS FOR TYPE)	(21) RETAINING WALL (SEE STRUCTURAL PLANS)	(30) CONC CURB TB
(7) BITUMINOUS MATERIALS (PRIME COAT)	(23) SLOTTED DRAIN 12" WITH 6" SLOT	(22) FENCE (SEE PLANS FOR TYPE)	(31) AGG WEDGE SHLD TYPE B (TONS)
	(24) TEMPORARY PAVEMENT	(23) SLOTTED DRAIN 12" WITH 6" SLOT	(32) HMA SC "C" N50 (IL 9.5mm)
		(24) TEMPORARY PAVEMENT	



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CHICAGO, ILLINOIS

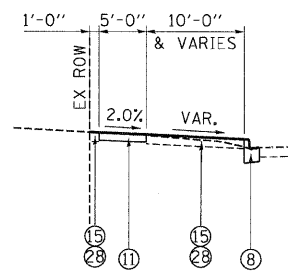


NOTE 1: TH = 6" FROM STA. 302+42.26 TO STA. 307+00.00
TH = 8" FROM STA. 307+00.00 TO STA. 309+39.00

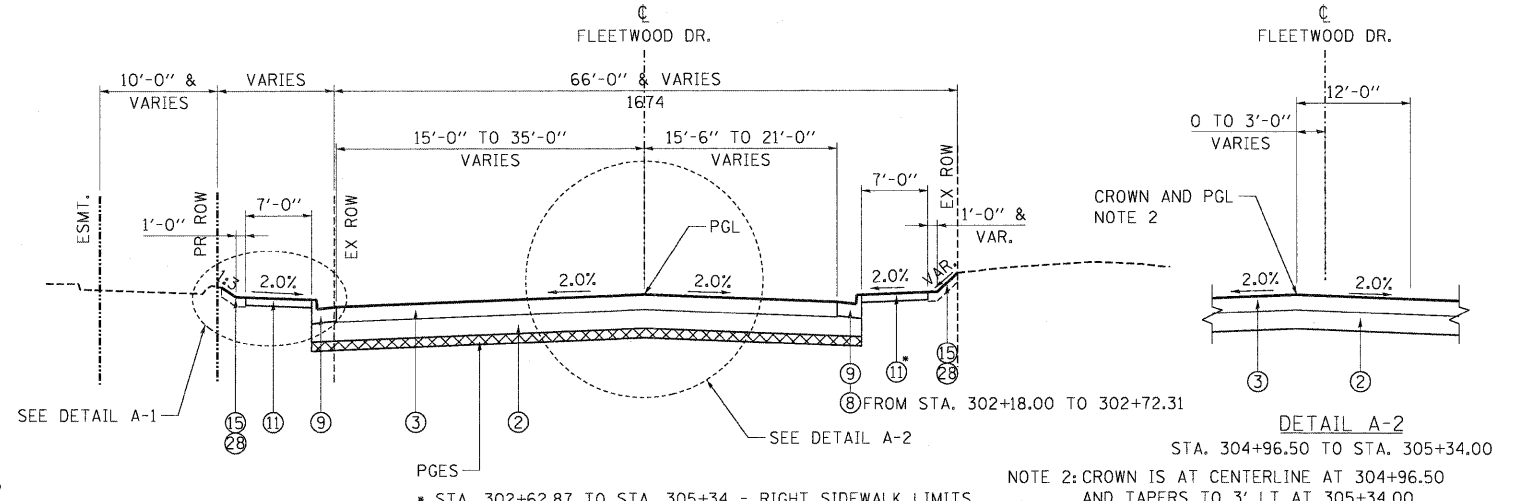
EXISTING TYPICAL SECTION

FLEETWOOD DR.

STA. 302+42.66 TO STA. 309+38.90



DETAIL A-1
STA. 301+08.77 TO STA. 302+42.66



PROPOSED TYPICAL SECTION

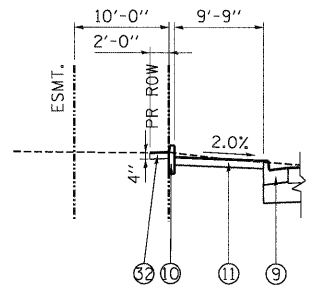
FLEETWOOD DR.

STA. 302+62.87 TO STA. 305+34.00

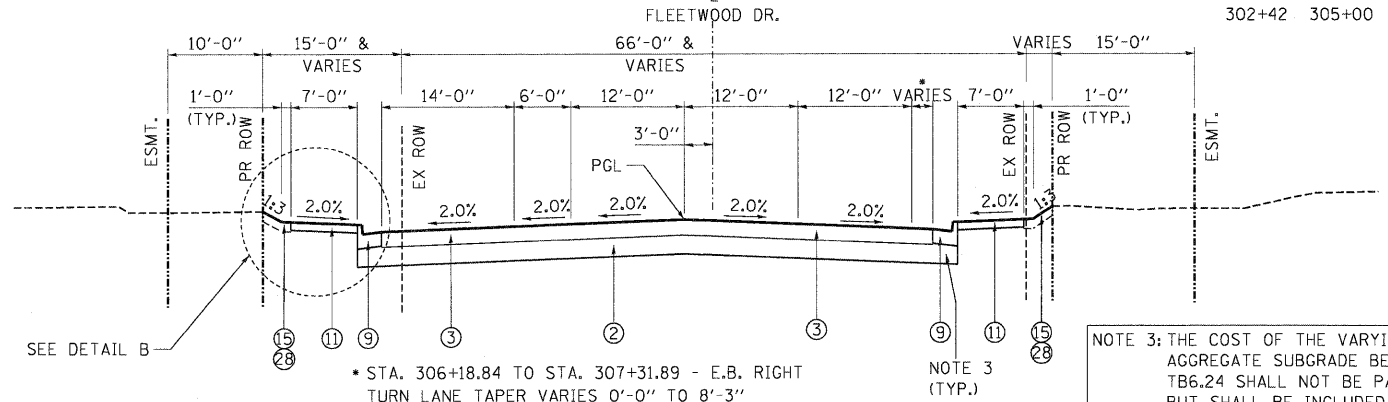
NOTE 2: CROWN IS AT CENTERLINE AT STA. 304+96.50 AND TAPERS TO 3' LT AT STA. 305+34.00.

FLEETWOOD DR PGES LIMITS			
FROM STA	TO STA	WIDTH	THICKNESS
302+42	305+00	FULL WIDTH	6"

NOTE 4: THE COST OF THE ADDITIONAL THICKNESS OF TEMPORARY PAVEMENT SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TEMPORARY PAVEMENT (8")".



DETAIL B
STA. 306+52.59 TO STA. 307+31.89

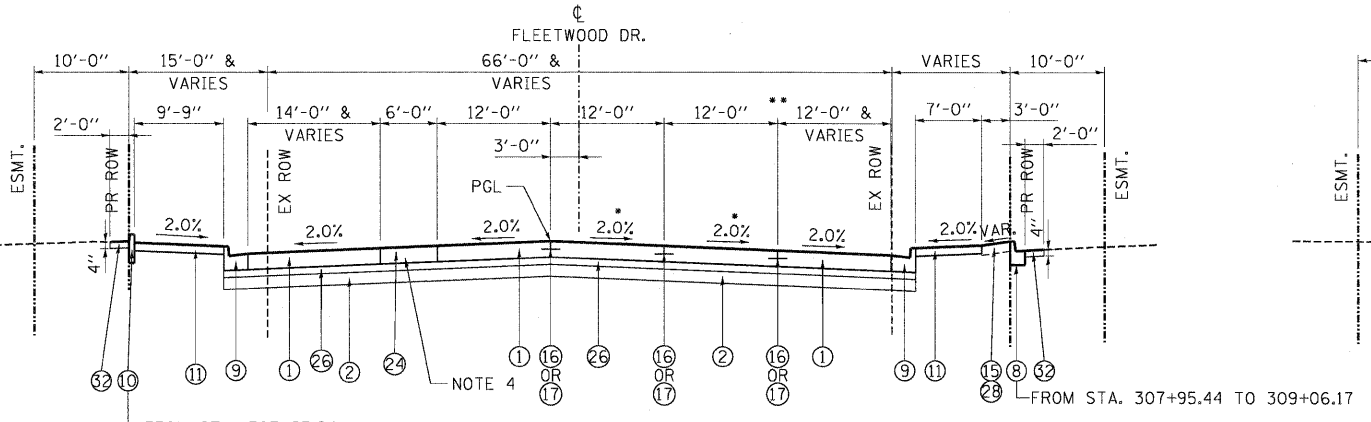


PROPOSED TYPICAL SECTION

FLEETWOOD DR.

STA. 305+34.00 TO STA. 307+31.89

NOTE 3: THE COST OF THE VARYING THICKNESS OF AGGREGATE SUBGRADE BENEATH THE COMB CC&G TB6.24 SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "AGGREGATE SUBGRADE 12".



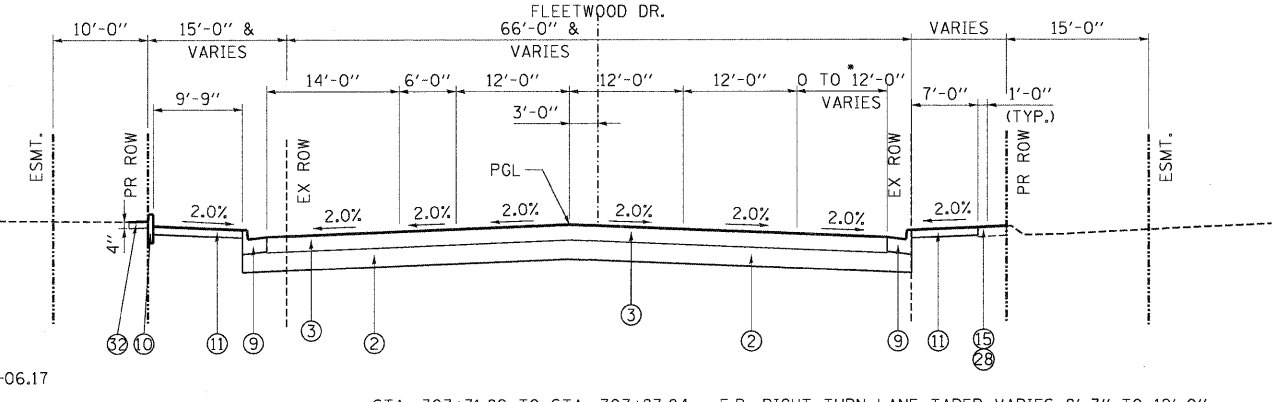
PROPOSED TYPICAL SECTION

FLEETWOOD DR.

STA. 307+83.84 TO STA. 309+38.90

SLOPE VARIES FROM -2.0% TO -0.36% - FROM STA. 309+00.00 TO STA. 309+38.90

** STA. 309+09.93 TO STA. 309+46.83 - RIGHT TURN LANE ISLAND



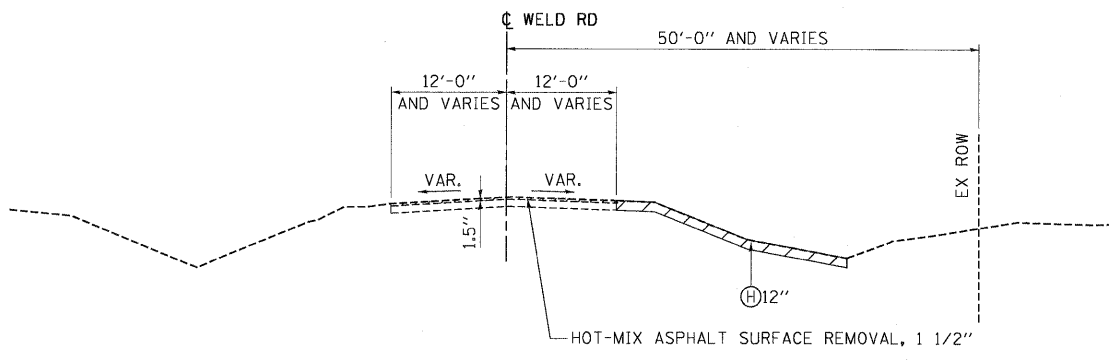
PROPOSED TYPICAL SECTION

FLEETWOOD DR.

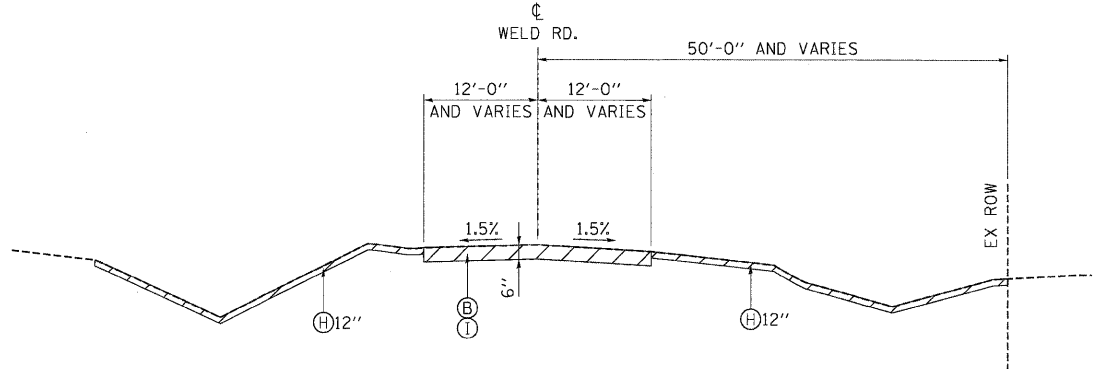
STA. 307+31.89 TO STA. 307+83.84

* STA. 307+31.89 TO STA. 307+83.84 - E.B. RIGHT TURN LANE TAPER VARIES 8'-3" TO 12'-0"

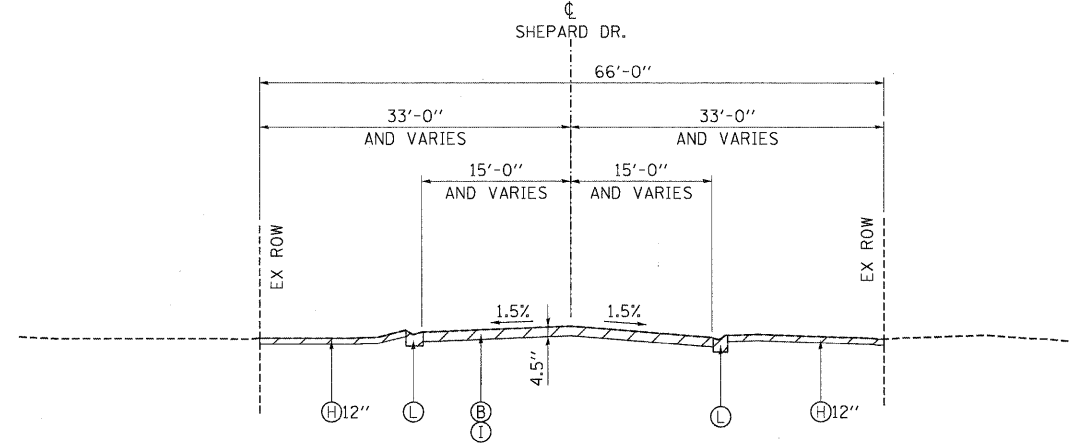
EXISTING LEGEND		PROPOSED LEGEND		EXISTING AND PROPOSED TYPICAL SECTIONS	
(A) PCC PAVEMENT (10" AND VARIES)	(H) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	(P) PCC PAVEMENT (11" AND VARIES)	(X) PGES	(8) COMB CC&G TB6.12	(16) LONGITUDINAL CONSTRUCTION JOINT
(B) HMA SURFACE (3" AND VARIES)	(J) HOT-MIX ASPHALT BASE COURSE	(R) HMA SURFACE (4" AND VARIES)	(1) PCC PVT 10 JOINTED	(9) COMB CC&G TB6.24	(17) LONGITUDINAL SAWS JOINT
(C) HMA SHOULDER (8" AND VARIES)	(K) EXIST PAVEMENT	(S) HMA SURFACE (5" AND VARIES)	(2) AGGREGATE SUBGRADE 12"	(10) CONC CURB TB SPL	(18) TEMP CONC BARRIER (INSTALL ONLY)
(D) HMA SHOULDER (6" AND VARIES)	(L) PCC SIDE WALK	(T) HMA SURFACE (6" AND VARIES)	(3) HMA PAVT FD 9 3/4"	(11) PC CONC SIDEWALK 5"	(19) TEMP PAVEMENT (INTERSTATE)
(E) FENCE	(M) CURB AND GUTTER		(4) PARTIAL DEPTH PATCHING (SPECIAL)	(12) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"	(20) EMBANKMENT
(F) CONCRETE BARRIER	(N) CONCRETE MEDIAN		(5) AGGREGATE SHOULDERS, TYPE B 4"	(13) SUBBASE GRANULAR MATERIAL, TYPE B (10")	(21) RETAINING WALL (SEE STRUCTURAL PLANS)
(G) PORTLAND CEMENT CONCRETE SHOULDER (10" & VAR.)	(O) STEEL PLATE BEAM GUARDRAIL		(6) TEMPORARY SOIL RETENTION SYSTEM	(14) COMPOST FURNISH AND PLACE, 2" & TOPSOIL	(22) FENCE (SEE PLANS FOR TYPE)
	(Q) NOT USED		(7) BITUMINOUS MATERIALS (PRIME COAT)	(15) FURNISH AND PLACE, 4"	(23) SLOTTED DRAIN 12" WITH 6" SLOT
				(15) TOPSOIL FURNISH AND PLACE, 6"	(24) TEMPORARY PAVEMENT
					(25) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
					(26) STABILIZED SUBBASE (HMA) 4 1/2"
					(27) SEEDING, CLASS 7
					(28) SODDING, SALT TOLERANT
					(29) SEEDING, CLASS 4
					(30) CONC CURB TB
					(31) AGG WEDGE SHLD TYPE B (TONS)
					(32) HMA SEC "C" N50 (IL 9.5mm)



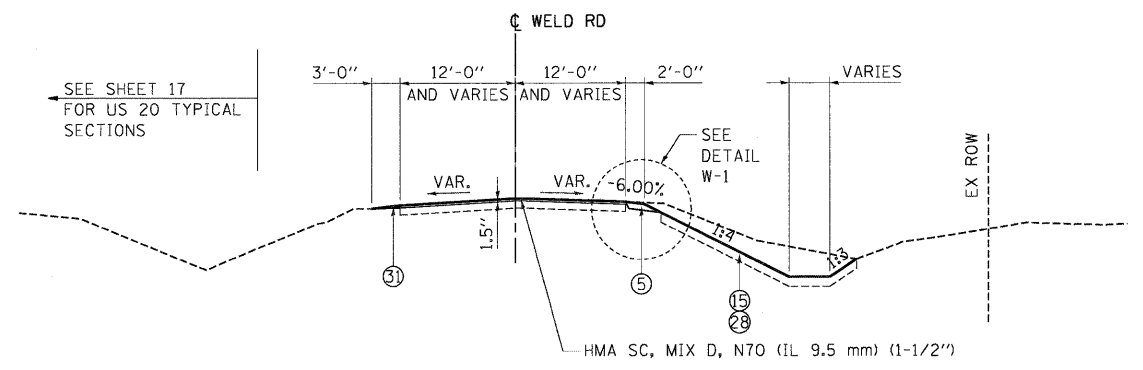
**EXISTING TYPICAL SECTION
WELD RD.**
STA. 5+74.51 TO STA. 8+00.00



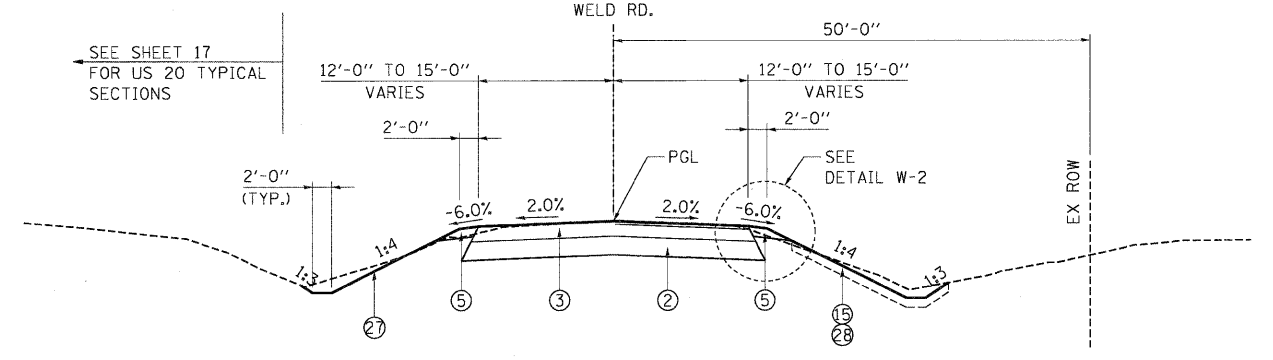
**EXISTING TYPICAL SECTION
WELD RD.**
STA. 8+00.00 TO STA. 20+22.00



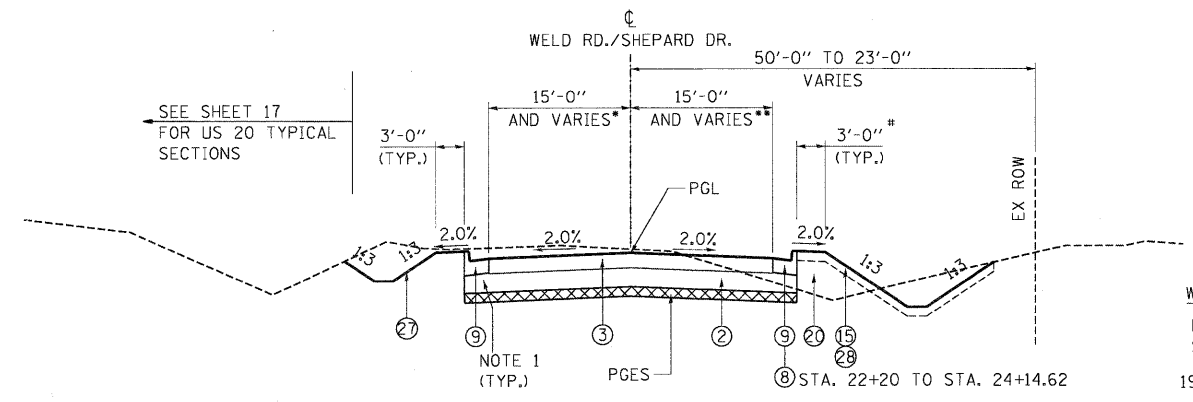
**EXISTING TYPICAL SECTION
SHEPARD DR.**
STA. 20+22.00 TO STA. 22+30.00



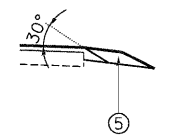
**PROPOSED TYPICAL SECTION
WELD RD.**
STA. 5+74.51 TO STA. 8+00.00



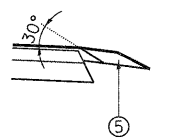
**PROPOSED TYPICAL SECTION
WELD RD.**
STA. 8+00.00 TO STA. 10+00.00



**PROPOSED TYPICAL SECTION
WELD RD./SHEPARD DR.**
STA. 10+00.00 TO STA. 22+30.00



**DETAIL W-1
SAFETY EDGE**



**DETAIL W-2
SAFETY EDGE**

WELD RD./SHEPARD DR. PGES LIMITS			
FROM STA	TO STA	WIDTH	THICKNESS
19+00	22+30	FULL WIDTH	6"

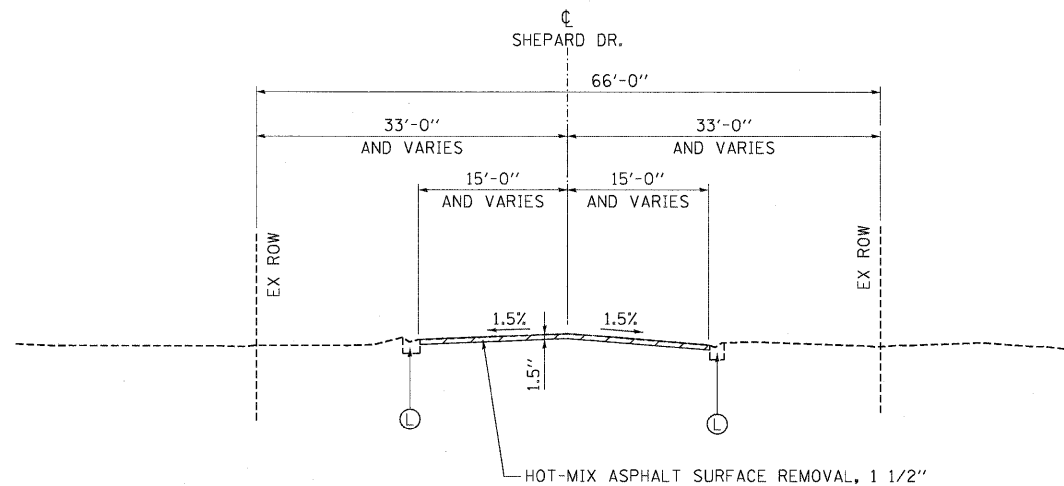
- WIDTH VARIES FROM 15'-0" TO 30'-10" FROM STA. 18+00 TO STA. 21+34.17
- WIDTH VARIES FROM 15'-0" TO 29'-11" FROM STA. 18+00 TO STA. 22+02.51
- SHELF WIDTH IS 1'-0" FROM STA. 17+44 TO STA. 20+00

NOTE 1: THE COST OF THE VARYING THICKNESS OF AGGREGATE SUBGRADE BENEATH THE COMB CC&G TB6.24 SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "AGGREGATE SUBGRADE 12".

EXISTING LEGEND		PROPOSED LEGEND	
(A) PCC PAVEMENT (10" AND VARIES)	(H) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	(X) PAGES	(16) LONGITUDINAL CONSTRUCTION JOINT
(B) HMA SURFACE (3" AND VARIES)	(I) HOT-MIX ASPHALT BASE COURSE	(1) PCC PVT 10 JOINTED	(17) LONGITUDINAL SAWS JOINT
(C) HMA SHOULDER (8" AND VARIES)	(J) EXIST PAVEMENT	(2) AGGREGATE SUBGRADE 12"	(18) TEMP CONC BARRIER (INSTALL ONLY)
(D) HMA SHOULDER (6" AND VARIES)	(K) PCC SIDE WALK	(3) HMA PAVT FD 9 3/4"	(19) TEMP PAVEMENT (INTERSTATE)
(E) FENCE	(L) CURB AND GUTTER	(4) PARTIAL DEPTH PATCHING (SPECIAL)	(20) EMBANKMENT
(F) CONCRETE BARRIER	(M) CONCRETE MEDIAN	(5) AGGREGATE SHOULDERS, TYPE B 4"	(21) RETAINING WALL (SEE STRUCTURAL PLANS)
(G) PORTLAND CEMENT CONCRETE SHOULDER (10" & VAR.)	(N) STEEL PLATE BEAM GUARDRAIL	(6) TEMPORARY SOIL RETENTION SYSTEM	(22) FENCE (SEE PLANS FOR TYPE)
	(O) NOT USED	(7) BITUMINOUS MATERIALS (PRIME COAT)	(23) SLOTTED DRAIN 12" WITH 6" SLOT
			(24) TEMPORARY PAVEMENT
			(25) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
			(26) STABILIZED SUBBASE (HMA) 4 1/2"
			(27) SEEDING, CLASS 7
			(28) SODDING, SALT TOLERANT
			(29) SEEDING, CLASS 4
			(30) CONC CURB TB
			(31) AGG WEDGE SHLD TYPE B (TONS)
			(32) HMA SC "C" N50 (IL 9.5mm)

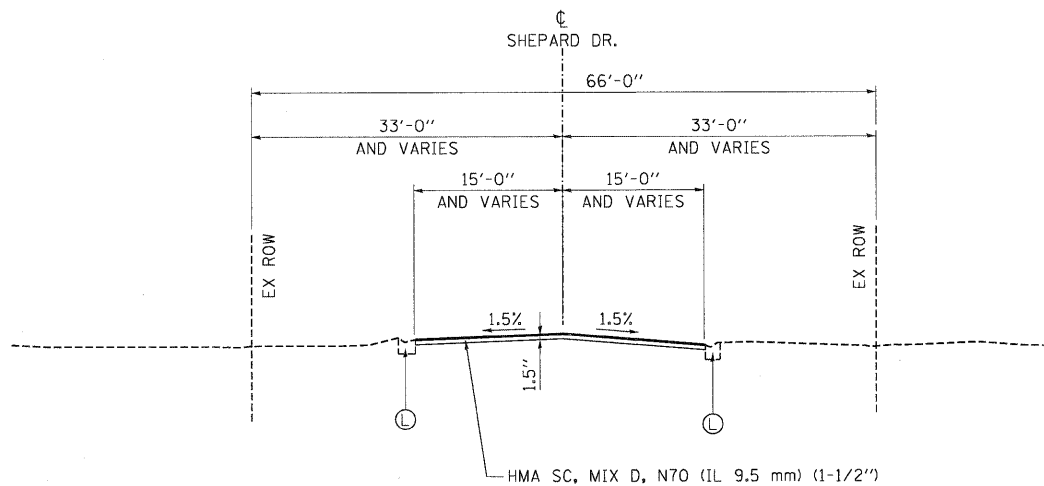
FILE NAME =	USER NAME = #USERS	DESIGNED - MRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20	EXISTING AND PROPOSED TYPICAL SECTIONS SHEPARD DRIVE - WELD ROAD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	BR-HB-2-BY-1	KANE	434			22	CONTRACT NO. 60K90			
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = #SCALE#	CHECKED - DDH	REVISED -	SCALE: 1"=10'	SHEET NO. OF SHEETS	STA. 5+74.51 TO STA. 22+30.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
	PLOT DATE = #DATE#	DATE - 05/18/11	REVISED -							

N:\DISK99\PROJECTS\110168\110168.DGN... N:\DISK99\PROJECTS\110168\110168.DGN... N:\DISK99\PROJECTS\110168\110168.DGN... N:\DISK99\PROJECTS\110168\110168.DGN... N:\DISK99\PROJECTS\110168\110168.DGN...



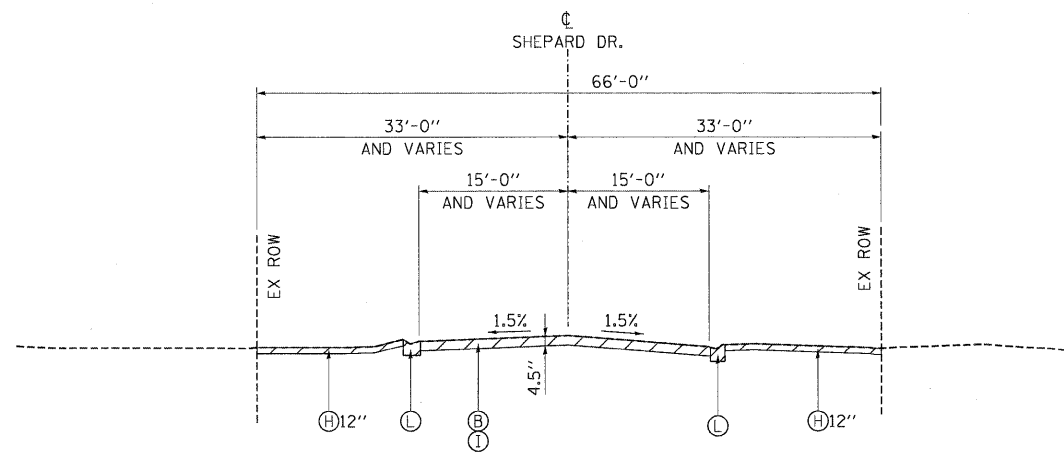
**EXISTING TYPICAL SECTION
SHEPARD DR.**

STA. 22+30.00 TO STA. 28+83.65



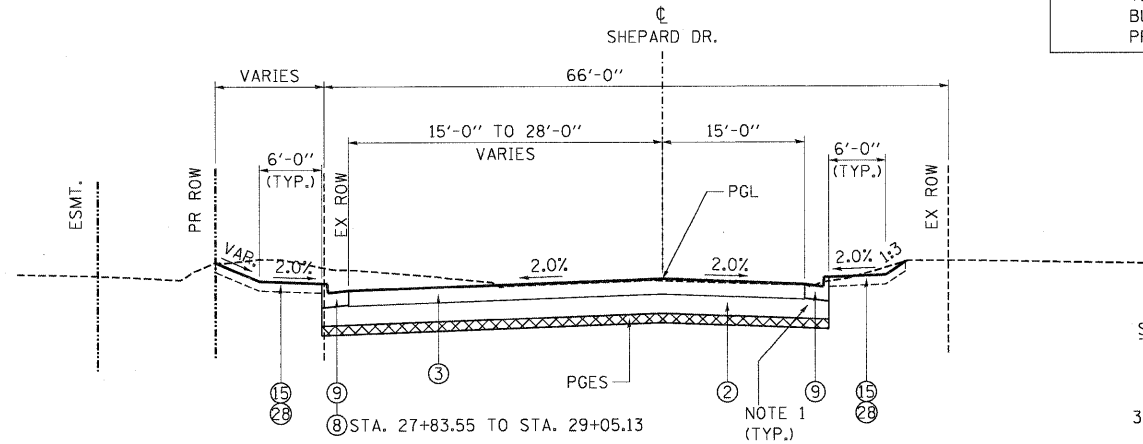
**PROPOSED TYPICAL SECTION
SHEPARD DR.**

STA. 22+30.00 TO STA. 28+83.65



**EXISTING TYPICAL SECTION
SHEPARD DR.**

STA. 28+83.65 TO STA. 31+04.71



**PROPOSED TYPICAL SECTION
SHEPARD DR.**

STA. 28+83.65 TO STA. 31+04.71

NOTE 1: THE COST OF THE VARYING THICKNESS OF AGGREGATE SUBGRADE BENEATH THE COMB CC&G TB6.24 SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "AGGREGATE SUBGRADE 12".

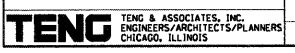
SHEPARD DR PGES LIMITS

FROM STA	TO STA	WIDTH	THICKNESS
30+00	31+00	FULL WIDTH	6"

\DRG\98\PROJECT\DRN... \DRG\98\98\BORDER\DRN... \DRG\98\98\LEGEND.DGN
 5/2/2011 10:28:12
 TAYMARRE 155-9804 WYMANVAULT, IL TRAVIS, BT 2282, 21379-9804 CIVIL.CAD\86K98\SHEET\0186K98-98.SHT-TYPICAL.10.DGN

- | | |
|--|---|
| EXISTING LEGEND
(A) PCC PAVEMENT (10" AND VARIES)
(B) HMA SURFACE (3" AND VARIES)
(C) HMA SHOULDER (8" AND VARIES)
(D) HMA SHOULDER (6" AND VARIES)
(E) FENCE
(F) CONCRETE BARRIER
(G) PORTLAND CEMENT CONCRETE SHOULDER (10" & VAR.)
(H) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
(I) HOT-MIX ASPHALT BASE COURSE
(J) EXIST PAVEMENT
(K) PCC SIDE WALK
(L) CURB AND GUTTER
(M) CONCRETE MEDIAN
(N) STEEL PLATE BEAM GUARDRAIL
(O) NOT USED
(P) PCC PAVEMENT (11" AND VARIES)
(R) HMA SURFACE (4" AND VARIES)
(S) HMA SURFACE (5" AND VARIES)
(T) HMA SURFACE (6" AND VARIES) | PROPOSED LEGEND
(1) PCC PVT 10 JOINTED
(2) AGGREGATE SUBGRADE 12"
(3) HMA PAVT FD 9 3/4"
(4) PARTIAL DEPTH PATCHING (SPECIAL)
(5) AGGREGATE SHOULDERS, TYPE B 4"
(6) TEMPORARY SOIL RETENTION SYSTEM
(7) BITUMINOUS MATERIALS (PRIME COAT)
(8) COMB CC&G TB6.12
(9) COMB CC&G TB6.24
(10) CONC CURB TB SPL
(11) PC CONC SIDEWALK 5"
(12) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
(13) SUBBASE GRANULAR MATERIAL, TYPE B (10")
(14) COMPOST FURNISH AND PLACE, 2" & TOPSOIL FURNISH AND PLACE, 4"
(15) TOPSOIL FURNISH AND PLACE, 6"
(16) LONGITUDINAL CONSTRUCTION JOINT
(17) LONGITUDINAL SAWED JOINT
(18) TEMP CONC BARRIER (INSTALL ONLY)
(19) TEMP PAVEMENT (INTERSTATE)
(20) EMBANKMENT
(21) RETAINING WALL (SEE STRUCTURAL PLANS)
(22) FENCE (SEE PLANS FOR TYPE)
(23) SLOTTED DRAIN 12" WITH 6" SLOT
(24) TEMPORARY PAVEMENT
(25) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
(26) STABILIZED SUBBASE (HMA) 4 1/2"
(27) SEEDING, CLASS 7
(28) SODDING, SALT TOLERANT
(29) SEEDING, CLASS 4
(30) CONC CURB TB
(31) AGG WEDGE SHLD TYPE B (TONS)
(32) HMA SC "C" N50 (IL 9.5mm) |
|--|---|

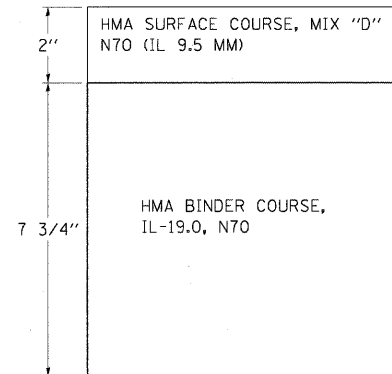
FILE NAME = USER NAME = SUSER* DESIGNED - MRK DRAWN - MRK CHECKED - DDH DATE - 05/18/11	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20	EXISTING AND PROPOSED TYPICAL SECTIONS SHEPARD DRIVE SCALE: 1"=10' SHEET NO. OF SHEETS STA. 22+30.00 TO STA. 31+04.70	F.A.P. RTE. 345 SECTION 8R-HB-2-BY-1 COUNTY KANE TOTAL SHEETS 434 SHEET NO. 23 CONTRACT NO. 60K90 FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT
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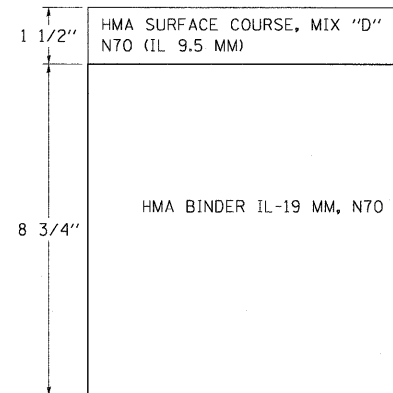
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES
PAVEMENT/ SHOULDER RESURFACING (US 20)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm) (2" / 3")	4% @ 70 GYR.
FULL DEPTH PAVEMENT (FLEETWOOD DR, WELD RD, SHEPARD DR)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm) (2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (7 3/4")	4% @ 70 GYR.
TEMPORARY PAVEMENT (US 20)	
HMA SURFACE COURSE, MIX "D", N70 (IL 9.5 mm) (1 1/2")	4% @ 70 GYR.
TEMP PVMT (EXPRESSWAY) (HMA BINDER IL-19mm) (8 3/4")	4% @ 70 GYR.
TEMPORARY PAVEMENT (MCLEAN BLVD, FLEETWOOD DR, SHEPARD DR)	
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) (1 1/2")	4% @ 50 GYR.
TEMP PAVEMENT (HMA BINDER IL-19mm) (6 1/2")	4% @ 50 GYR.
PAVEMENT RESURFACING (SHEPARD DR, WELD RD)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm) (1 1/2")	4% @ 70 GYR.
DRIVEWAYS	
HMA SURFACE COURSE, MIX "C", N50 (IL 9.5 mm) (2")	4% @ 50 GYR.
HMA BASE COURSE (HMA BINDER IL-19 mm) PE-6", CE-8"	4% @ 50 Gyr.
PATCHING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm) (1 1/2")	4% @ 70 Gyr.
CLASS D PATCHES (HMA BINDER IL-19MM)	4% @ 70 Gyr.
STABILIZED SUBBASE (FLEETWOOD DR.)	
STABILIZED SUBBASE-HOT MIX ASPHALT (4 1/2")	2% @ 30 Gyr

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN.
2. 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 ONE SPECIAL PROVISIONS. FOR PERCENT RAP SEE DISTRICT ONE SPECIAL PROVISIONS.



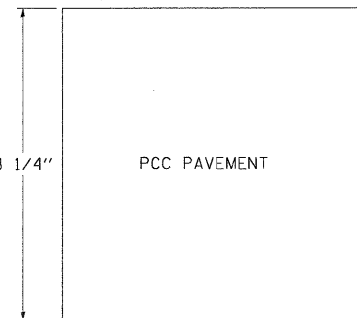
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 3/4"



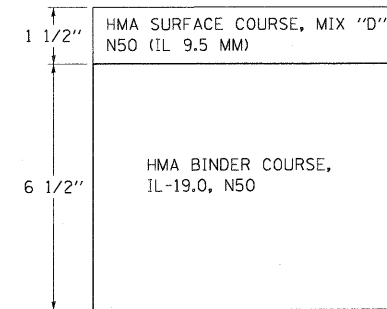
FLEXIBLE DESIGN

TEMPORARY PAVEMENT (INTERSTATE)

US ROUTE 20



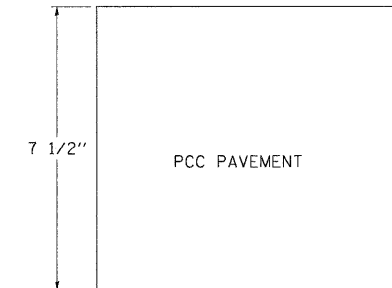
RIGID DESIGN



FLEXIBLE DESIGN

TEMPORARY PAVEMENT

MCLEAN BLVD / FLEETWOOD DR



RIGID DESIGN

PAVEMENT STRUCTURE DETAILS

5-12-2011 16:03:14
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 SHEET: 10160K90-SHT-TYPICAL 09.DGN

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - BRH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20	MIX DESIGN REQUIREMENTS AND MISCELLANEOUS DETAILS			F.A.P. RTE. 345	SECTION 8R-HB-2-BY-1	COUNTY KANE	TOTAL SHEETS 434	SHEET NO. 24
PLOT SCALE = #SCALE#		DRAWN - BRH	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 60K90	
PLOT DATE = #DATE#		CHECKED - DDH	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
DATE - 05/18/11		DATE - 05/18/11	REVISED -									



CONTINUED FROM PREVIOUS SHEET

Table with 2 columns: Item description and Quantity. Items include 2" HMA SURFACE COURSE, MIX "C", N50 used for commercial driveways and 4" HMA SURFACE COURSE MIX "C", N50 used for parking lots.

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 TOTAL 415 TON

Table with 7 columns: LOCATION, DIRECTION, FROM STA., TO STA., AREA SQ. YD., THICKNESS IN, SUBTOTALS. Lists various road segments with their respective directions and quantities.

HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 3/4" TOTAL 9781 SQ YD

Table with 4 columns: LOCATION, FROM STA., TO STA., SUBTOTALS. Lists road segments for hot-mix asphalt pavement.

PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) TOTAL 1295 SQ YD

Table with 4 columns: LOCATION, STA., STA., SUBTOTALS. Lists road segments for portland cement concrete pavement.

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH TOTAL 483 SQ YD

Table with 3 columns: LOCATION, STA., SUBTOTALS. Lists driveway locations and their quantities.

PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH TOTAL 11087 SQ FT

Table with 5 columns: LOCATION, SIDE OF ROADWAY, FROM STA., TO STA., SUBTOTALS. Lists sidewalk locations along various roads.

PAVEMENT REMOVAL TOTAL 19272 SQ YD

Table with 4 columns: LOCATION, FROM STA., TO STA., SUBTOTALS. Lists areas for pavement removal.

HOT-MIX ASPHALT SURFACE REMOVAL, 2" TOTAL 891 SQ YD

Table with 4 columns: LOCATION, FROM STA., TO STA., SUBTOTALS. Lists areas for hot-mix asphalt surface removal.

DRIVEWAY PAVEMENT REMOVAL TOTAL 3312 SQ YD

Table with 4 columns: ROADWAY, STA., OFFSET, SUBTOTALS. Lists driveway areas for pavement removal.

CURB REMOVAL TOTAL 516 FOOT

Table with 5 columns: LOCATION, FROM STA., TO STA., OFFSET, SUBTOTALS. Lists curb removal locations.

COMBINATION CURB AND GUTTER REMOVAL TOTAL 4537 FOOT

Table with 5 columns: LOCATION, FROM STA., TO STA., OFFSET, SUBTOTALS. Lists combination curb and gutter removal locations.

SIDEWALK REMOVAL TOTAL 2734 SQ FT

Table with 4 columns: LOCATION, FROM STA., TO STA., SUBTOTALS. Lists sidewalk removal locations.

Vertical text on the left margin: 1060000 BORDER.DGN, A:1060000 SCHEDULE.DGN, 5/12/2011 10:08:10

Project information header including: FILE NAME, USER NAME, DESIGNED, REVISED, DRAWN, CHECKED, DATE, STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION, SCHEDULE OF QUANTITIES - II, F.A.P. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO. 60K90.



CONCRETE BARRIER REMOVAL				TOTAL 1659 FOOT
LOCATION	FROM STA.	TO STA.	SUBTOTALS	
U.S. 20	113+57.83	117+00.00	342.2	
U.S. 20	140+24.41	153+41.34	1316.9	

MEDIAN REMOVAL				TOTAL 219 SQ FT
LOCATION	SUBTOTALS			
S. W. CORNER OF FLEETWOOD DR. AND McLEAN BLVD.	219.07			

PAVED SHOULDER REMOVAL					TOTAL 17773 SQ YD
LOCATION	STA. FROM	STA. TO	SUBTOTALS		
U.S. 20 E. B. RT SHLD.	54+00.00	92+92.09	4,075.37		
U.S. 20 E.B RT SHLD GORE	88+82.81	97+66.30	1,198.43		
U.S. 20 E.B LT. SHLD.	59+34.80	97+51.33	2,495.84		
U.S. 20 E.B RT SHLD GORE	99+12.72	112+48.20	1,359.63		
U.S. 20 W. B. RT SHLD.	138+88.38	148+00.00	952.89		
U.S.20 CENTER SHLD.	140+24.41	153+44.34	1,191.24		
U.S.20 CENTER SHLD.	113+57.83	117+00.00	307.62		
U.S. 20 W.B. LT. SHLD.	60+00.00	70+00.00	604.38		
U.S. 20 W.B. LT. SHLD.	78+50.00	84+50.00	410.71		
U.S. 20 E.B RT. SHLD.	102+61.32	156+01.87	5,114.77		
WELD RD. RAMP (WB)	08+69.48	11+00.25	62.43		

AGGREGATE SHOULDERS, TYPE B 4"					TOTAL 89 SQ YD
LOCATION	OFFSET	FROM STA.	TO STA.	SUBTOTALS	
WELD RD	E.B. - RT	5+74.51	5+81.81	1.62	
WELD RD	E.B. - RT	6+54.90	7+02.76	10.64	
WELD RD	E.B. - RT	7+63.33	8+65.38	22.68	
WELD RD.	E.B. - RT.	9+38.81	9+81.57	9.50	
WELD RD.	W.B. - LT.	8+00.00	10+00.00	44.44	

CONCRETE CURB, TYPE B						TOTAL 888 FOOT
LOCATION	SUBTOTALS					
CORNER ISLAND AT FLEETWOOD RD. AND McLEAN BLVD. S.W. QUADRANT						
McLEAN BLVD.	61+48.82	64+42.08	292.66			57.50
McLEAN BLVD.	64+98.00	65+61.55	81.60			292.66
WELD RD.	5+91.70	6+07.45	35.41			81.60
WELD RD.	6+31.76	6+43.84	31.26			35.41
WELD RD.	7+11.42	7+19.81	31.36			31.26
WELD RD.	7+44.81	7+55.12	32.56			31.36
WELD RD.	08+72.92	08+83.07	31.37			32.56
WELD RD.	09+18.44	09+29.83	32.88			31.37
WELD RD.	09+81.57	10+08.07	44.00			32.88
WELD RD.	10+35.60	10+52.02	45.00			44.00
WELD RD.	16+00.00	16+14.90	28.00			45.00
WELD RD.	16+37.21	16+52.10	27.00			28.00
WELD RD.	16+87.56	17+02.98	30.01			27.00
WELD RD.	17+28.55	17+43.69	31.78			30.01
SHEPARD DR.	22+34.84	22+46.87	19.9			31.78
SHEPARD DR.	22+67.21	22+69.20	17.81			19.9
SHEPARD DR	29+67.00	29+67.00	9.30			17.81
SHEPARD DR	29+90.00	29+91.00	9.00			9.30

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12						TOTAL 1049 FOOT
LOCATION	FROM STA.	TO STA.	SUBTOTALS			
FLEETWOOD DR.	301+15.23	302+42.26	127.03			
FLEETWOOD DR.	302+18.00	302+72.31	54.31			
FLEETWOOD DR.	304+65.53	304+65.53	9.40			
FLEETWOOD DR.	304+92.05	304+92.05	6.00			
FLEETWOOD DR.	307+55.76	307+60.37	7.60			
FLEETWOOD DR.	307+95.04	309+05.07	155.00			
McLEAN BLVD	56+85.81	57+05.00	19.30			
McLEAN BLVD	62+60.30	62+63.40	4.00			
McLEAN BLVD	62+26.30	62+27.40	4.00			
McLEAN BLVD	65+44.26	65+55.83	14.50			
McLEAN BLVD	72+39.00	73+46.55	144.82			
SHEPARD DR.	22+30.00	24+41.62	191.56			
SHEPARD DR.	27+93.68	27+99.76	17.20			
SHEPARD DR.	28+29.93	28+35.92	17.19			
SHEPARD DR.	28+78.26	28+81.31	16.45			
SHEPARD DR.	28+99.09	29+04.12	16.61			
SHEPARD DR.	27+83.50	29+05.13	121.63			
SHEPARD DR.	29+28.80	29+32.79	15.00			
SHEPARD DR.	29+54.66	29+59.30	13.20			
SHEPARD DR.	30+53.15	30+71.64	29.00			
SHEPARD DR. Estimate 5% of the total C&G length in resurfacing area 65.37						

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24						TOTAL 4654 FOOT
ROADWAY	SIDE	FROM STA.	TO STA.	SUBTOTALS		
WELD RD.	S. EDGE	9+81.61	18+00.00	818.39		
(WELD RD. REVERSE CURVE ONTO SHEPARD DR.)						
WELD RD.	W. EDGE	18+00.00	22+30.00	390.70		
WELD RD.	N. EDGE	10+00.00	19+60.91	960.91		
(WELD RD. REVERSE CURVE ONTO SHEPARD DR.)						
WELD RD.	E. EDGE	19+60.91	22+30.00	307.22		
SHEPARD DR.	W. EDGE	28+83.65	30+74.77	191.12		
SHEPARD DR.	N. W. CORNER	SHEPARD DR. AT FLEETWOOD DR.				55.80
SHEPARD DR.	E. EDGE	29+05.13	30+30.28	125.15		
SHEPARD DR.	N. E. CORNER	SHEPARD DR. AT FLEETWOOD DR.				112.00
FLEETWOOD RD.	N. EDGE	304+02.82	309+33.31	530.49		
FLEETWOOD RD.	S. EDGE	302+72.31	308+53.79	581.48		
FLEETWOOD RD.	S. W. CORNER	FLEETWOOD RD. AT McLEAN BLVD.				150.00
McLEAN BLVD.	W. EDGE	59+62.48	63+06.40	343.92		
(CORNER ISLAND, S.W. QUADRANT OF FLEETWOOD DR. AND McLEAN BLVD.)						

COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06				TOTAL 36 FOOT
LOCATION	SUBTOTALS			
CORNER ISLAND AT FLEETWOOD RD. AND McLEAN BLVD. S.W. QUADRANT	35.5			

CONCRETE MEDIAN SURFACE, 4 INCH				TOTAL 300 SQ FT
LOCATION	SUBTOTALS			
CORNER ISLAND AT FLEETWOOD RD. AND McLEAN BLVD. S.W. QUADRANT	300.2			

GUARDRAIL REMOVAL						TOTAL 1707 FOOT
LOCATION	OFFSET	FROM STA.	TO STA.	SUBTOTALS		
U.S. 20	E.B. RT SHLD.	86+35.85	89+24.34	288.5		
U.S. 20	RAMP C	91+47.13	92+09.60	64.7		
U.S. 20	E.B. RT SHLD.	92+63.00	97+66.66	503.7		
U.S. 20	E.B. LT. SHLD.	94+88.17	97+60.51	272.3		
U.S. 20	E.B. RT SHLD.	99+31.74	105+09.28	577.5		

CONCRETE BARRIER TRANSITION				TOTAL 25 FOOT
LOCATION	FROM STA.	TO STA.	SUBTOTALS	
U.S. 20 CENTERLINE	113+57.83	113+70.33	12.5	
U.S. 20 CENTERLINE	140+24.00	140+36.50	12.5	

CONCRETE BARRIER BASE				TOTAL 25 FOOT
LOCATION	FROM STA.	TO STA.	SUBTOTALS	
U.S. 20 CENTERLINE	113+57.83	113+70.33	12.5	
U.S. 20 CENTERLINE	140+24.00	140+36.50	12.5	

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	PLOT SCALE = #SCALE#	CHECKED - DDH	REVISED -
	PLOT DATE = #DATE#	DATE - 05/18/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 345 / US ROUTE 20

SCHEDULE OF QUANTITIES - III

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-HB-2-BY-1	KANE	434	27
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K90	

CHAIN LINK FENCE, 4'				TOTAL 1999 FOOT
LOCATION	FROM STA.	TO STA.		SUBTOTALS
RAMP B	99+31.33	112+50.31		1382.6
RAMP D	89+76.38	95+63.92		579.7
MCLEAN BLVD	73+80.00	74+00.60		20.6
MCLEAN BLVD	73+73.50	73+90.00		16.5

TEMPORARY CONCRETE BARRIER (INSTALL ONLY)					TOTAL 13737.5 FOOT
LOCATION	FROM STA.	TO STA.	DIRECTION OFFSET		SUBTOTALS
US 20		94+72.86	97+51.53	MEDIAN	278.67
STAGE I					
US 20		56+01.13	92+30.64	EB (RT)	3,629.51
US 20		91+65.89	97+60.42	EB (RT)	594.53
US 20		99+27.03	108+30.57	EB (RT)	903.54
US 20/ T RAMP B		102+74.30	155+58.54	EB (RT)	5,284.24
STAGE II					
US 20		60+28.50	68+52.93	MEDIAN	824.43
US 20		78+69.00	84+30.92	MEDIAN	561.92
US 20		113+57.83	117+00.00	MEDIAN	342.17
US 20		140+24.00	153+41.34	MEDIAN	1317.34

PARTIAL DEPTH PATCHING (SPECIAL)				TOTAL 1409 SQ YD
FROM STA.	TO STA.	LENGTH FT.		SUBTOTALS
SOUTH EDGE OF U.S. 20 (*ESTIMATED AS 50% OF THE TOTAL LENGTH)				
54+00.00	61+00.00	700.00		77.78
61+00.00	75+00.00	1,400.00		155.56
75+00.00	89+00.00	1,400.00		155.56
89+00.00	97+35.03	835.03		92.78
99+43.71	103+50.00	406.29		45.14
103+50.00	117+00.00	1,350.00		150.00
117+00.00	131+00.00	1,400.00		155.56
131+00.00	145+00.00	1,400.00		155.56
145+00.00	156+01.87	1,101.87		122.43
U.S.20 - WB (RT)				
112+88.06	119+60.00	671.94		298.64

TEMPORARY FENCE (SPECIAL)				TOTAL 1336 FOOT
LOCATION	FROM STA.	TO STA.		SUBTOTALS
WELD RD.	8+00.00	19+60.40		1160.4
WELD RD.	19+60.40	20+43.49		109.1
WELD RD.	20+43.49	20+92.00		66.6

TEMPORARY ACCESS (COMMERCIAL ENTRANCE)				TOTAL 27 EACH
LOCATION	STA	OFFSET		SUBTOTALS
MCLEAN BLVD	59+96.64	LT		1
MCLEAN BLVD	61+26.66	LT		1
MCLEAN BLVD	62+44.82	LT		1
FLEETWOOD DR	302+44.20	RT		1
FLEETWOOD DR	304+24.31	RT		1
FLEETWOOD DR	304+78.53	LT		1
FLEETWOOD DR	306+12.13	RT		1
FLEETWOOD DR	306+27.09	LT		1
FLEETWOOD DR	306+98.36	LT		1
FLEETWOOD DR	307+10.56	RT		1
FLEETWOOD DR	307+77.84	RT		1
FLEETWOOD DR	308+26.07	LT		1
SHEPARD DR	21+94.89	RT		1
SHEPARD DR	22+48.32	RT		1
SHEPARD DR	28+15.26	LT		1
SHEPARD DR	28+91.17	LT		1
SHEPARD DR	29+43.74	LT		1
SHEPARD DR	29+78.63	RT		1
WELD RD	6+19.85	RT		1
WELD RD	7+32.60	RT		1
WELD RD	9+01.18	RT		1
WELD RD	10+16.16	RT		1
WELD RD	11+68.87	RT		1
WELD RD	14+54.79	RT		1
WELD RD	15+65.12	RT		1
WELD RD	16+25.98	RT		1
WELD RD	17+15.88	RT		1

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH				TOTAL 465 SQ YD
LOCATION	FROM STA.	TO STA.		SUBTOTALS
US 20 EB	99+18.36	103+08.80		465.32

CONCRETE CURB, TYPE B (SPECIAL)				TOTAL 169 FOOT
LOCATION	FROM STA.	TO STA.		SUBTOTALS
FLEETWOOD DR.	306+52.59	306+80.86		28.27
FLEETWOOD DR.	307+15.86	308+09.65		93.79
FLEETWOOD DR.	308+42.48	308+89.00		46.90

TEMPORARY CHAIN LINK FENCE (PORTABLE)				TOTAL 723 FOOT
LOCATION	FROM STA.	TO STA.		SUBTOTALS
MCLEAN BLVD	56+77.00	64+00.00		723

CHAIN LINK FENCE REMOVAL				TOTAL 2684 FOOT
LOCATION	FROM STA.	TO STA.		SUBTOTALS
RAMP B	101+68.74	102+35.49		76.4
RAMP B	103+88.70	112+50.00		897.2
RAMP D	89+76.38	95+63.92		580.4
WELD RD.	8+00.00	18+77.01		1093.2
MCLEAN BLVD	73+80.00	74+00.60		20.6
MCLEAN BLVD	73+73.50	73+90.00		16.5

AGGREGATE SUBGRADE 12"				TOTAL 12617 SQ YD
LOCATION	FROM STA.	TO STA.		SUBTOTALS
WELD RD.	08+00.00	20+00.00		4,767.32
SHEPARD DR.	20+00.00	31+01.59		2,474.78
FLEETWOOD RD.	302+42.10	307+83.84		4,843.90
MCLEAN BLVD.	56+85.81	59+73.25		385.44
MCLEAN BLVD.	59+73.25	63+19.79		141.83
MCLEAN BLVD.	56+85.81	57+04.97		3.86

TEMPORARY PAVEMENT				TOTAL 6802 SQ YD
LOCATION	FROM STA.	TO STA.		SUBTOTALS
McLEAN BLVD. WEST EDGE	59+73	65+61		1262.4
McLEAN BLVD. EAST EDGE	61+48	64+42		90.7
FLEETWOOD RD. NORTH EDGE	301+12	302+79		148.8
FLEETWOOD RD. PROP MEDIAN	307+83	309+38		102.2
FLEETWOOD RD. CENTERLINE	310+51	310+83		41.9
SHEPARD DR. EAST EDGE & FLEETWOOD DR. NORTH EDGE	27+83	309+77		1745.6
WELD RD. SOUTH EDGE & SHEPARD DR. WEST EDGE	5+74	24+15		3410.2

TEMPORARY PAVEMENT (INTERSTATE)					TOTAL 43680 SQ YD
LOCATION	STA.	STA.	AREA SQ FT		SUBTOTALS
US 20 MEDIAN	59+34.85	70+00.00	36,486.28		4,054.03
US 20 MEDIAN	70+00.00	84+50.00	30,701.48		3,411.28
US 20 MEDIAN	84+50.00	97+51.53	11,993.40		1,332.60
W.B. US 20 RT	138+88.38	148+00.00	9,116.20		1,012.91
US 20 MEDIAN	113+68.00	117+00.00	2,687.15		298.57
US 20 MEDIAN	140+24.00	153+32.29	10,648.80		1,183.20
E.B. US 20	54+00.00	64+37.37	10,373.70		1,152.63
E.B. US 20	64+37.37	67+99.98	7,468.70		829.86
E.B. US 20	67+99.98	75+00.00	18,200.52		2,022.28
E.B. US 20	75+00.00	88+00.00	33,800.00		3,755.56
E.B. US 20	88+00.00	96+38.57	27,952.33		3,105.81
E.B. US 20	100+45.08	108+25.50	23,661.50		2,629.06
TEMP RAMP B	102+59.24	108+25.50	10,096.30		1,121.81
E.B. US 20	108+25.50	117+00.00	36,634.86		4,070.54
E.B. US 20	117+00.00	131+00.00	47,180.00		5,242.22
E.B. US 20	131+00.00	141+00.00	33,700.00		3,744.44
E.B. US 20	141+00.00	149+90.78	30,774.62		3,419.40
E.B. US 20	149+90.78	156+01.87	11,494.80		1,277.20

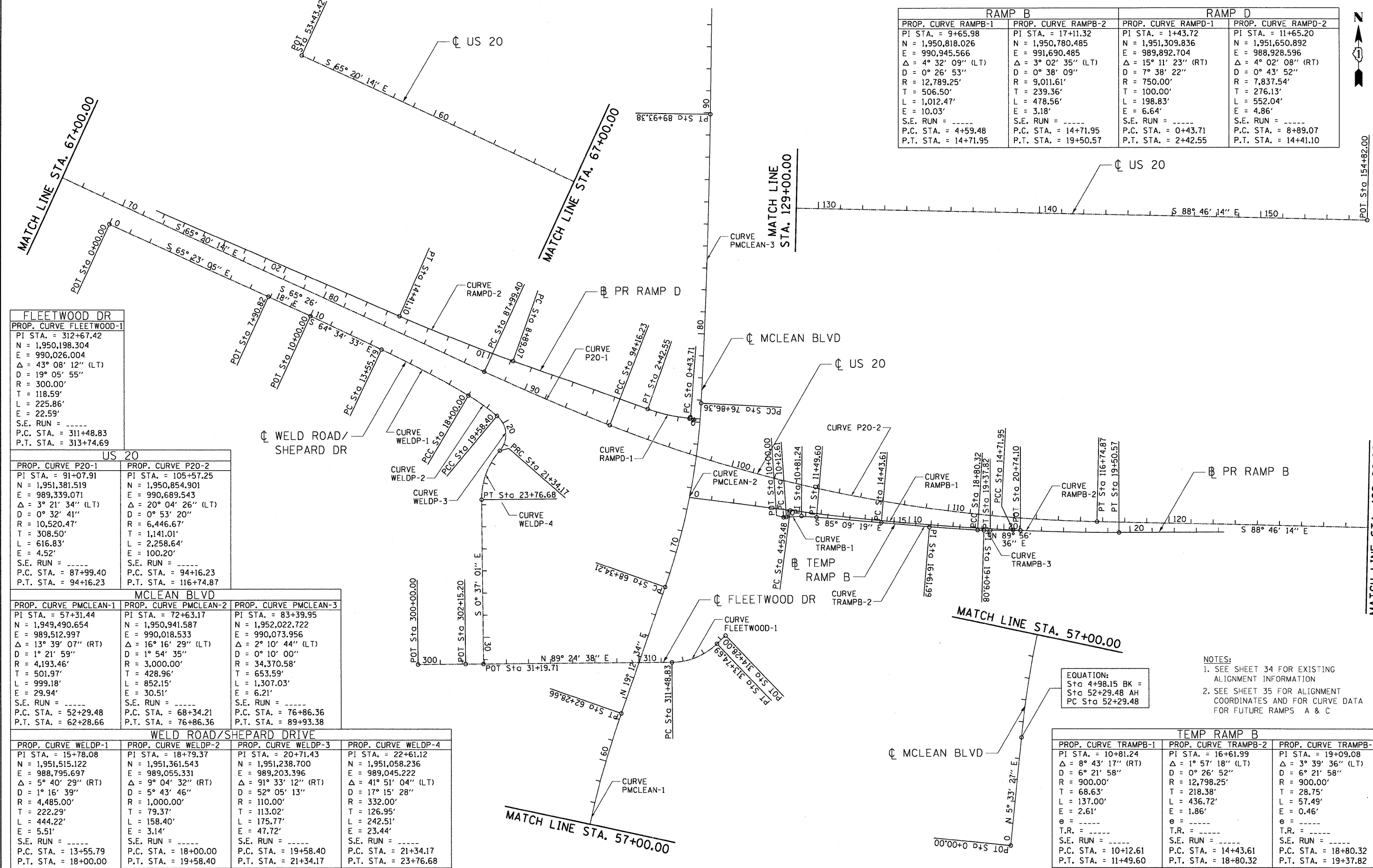
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POT Sta 154+82.00

MATCH LINE STA. 129+00.00

RAMP B		RAMP D	
PROP. CURVE RAMPB-1	PROP. CURVE RAMPB-2	PROP. CURVE RAMPD-1	PROP. CURVE RAMPD-2
PI STA. = 9+65.98	PI STA. = 17+11.32	PI STA. = 1+43.72	PI STA. = 11+65.20
N = 1,950,818.026	N = 1,950,780.485	N = 1,951,309.836	N = 1,951,650.892
E = 990,945.566	E = 991,690.485	E = 989,892.704	E = 988,928.596
Δ = 4° 32' 09" (LT)	Δ = 3° 02' 35" (LT)	Δ = 15° 11' 23" (RT)	Δ = 4° 02' 08" (RT)
D = 0° 26' 53"	D = 0° 38' 09"	D = 7° 38' 22"	D = 0° 43' 52"
R = 12,789.25'	R = 9,011.61'	R = 750.00'	R = 7,837.54'
T = 506.50'	T = 239.36'	T = 100.00'	T = 276.13'
L = 1,012.47'	L = 478.56'	L = 198.83'	L = 552.04'
E = 10.03'	E = 3.18'	E = 6.64'	E = 4.86'
S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----
P.C. STA. = 4+59.48	P.C. STA. = 14+71.95	P.C. STA. = 0+43.71	P.C. STA. = 8+89.07
P.T. STA. = 14+71.95	P.T. STA. = 19+50.57	P.T. STA. = 2+42.55	P.T. STA. = 14+41.10



FLEETWOOD DR PROP. CURVE FLEETWOOD-1	
PI STA. = 312+67.42	
N = 1,950,198.304	
E = 990,026.004	
Δ = 43° 08' 12" (LT)	
D = 19° 05' 55"	
R = 300.00'	
T = 118.59'	
L = 225.86'	
E = 22.59'	
S.E. RUN = -----	
P.C. STA. = 311+48.83	
P.T. STA. = 313+74.69	

US 20	
PROP. CURVE P20-1	PROP. CURVE P20-2
PI STA. = 91+07.91	PI STA. = 105+57.25
N = 1,951,381.519	N = 1,950,854.901
E = 989,339.071	E = 990,689.543
Δ = 3° 21' 34" (LT)	Δ = 20° 04' 26" (LT)
D = 0° 32' 41"	D = 0° 53' 20"
R = 10,520.47'	R = 6,446.67'
T = 308.50'	T = 1,141.01'
L = 616.83'	L = 2,258.64'
E = 4.52'	E = 100.20'
S.E. RUN = -----	S.E. RUN = -----
P.C. STA. = 87+99.40	P.C. STA. = 94+16.23
P.T. STA. = 94+16.23	P.T. STA. = 116+74.87

MCLEAN BLVD		
PROP. CURVE PMCLEAN-1	PROP. CURVE PMCLEAN-2	PROP. CURVE PMCLEAN-3
PI STA. = 57+31.44	PI STA. = 72+63.17	PI STA. = 83+39.95
N = 1,949,490.654	N = 1,950,941.587	N = 1,952,022.722
E = 989,512.997	E = 990,018.533	E = 990,073.956
Δ = 13° 39' 07" (RT)	Δ = 16° 16' 29" (LT)	Δ = 2° 10' 44" (LT)
D = 1° 21' 59"	D = 1° 54' 35"	D = 0° 10' 00"
R = 4,193.46'	R = 3,000.00'	R = 34,370.58'
T = 501.97'	T = 428.96'	T = 653.59'
L = 999.18'	L = 852.15'	L = 1,307.03'
E = 29.94'	E = 30.51'	E = 6.21'
S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----
P.C. STA. = 52+29.48	P.C. STA. = 68+34.21	P.C. STA. = 76+86.36
P.T. STA. = 62+28.66	P.T. STA. = 76+86.36	P.T. STA. = 89+93.38

WELD ROAD/SHEPARD DRIVE			
PROP. CURVE WELDP-1	PROP. CURVE WELDP-2	PROP. CURVE WELDP-3	PROP. CURVE WELDP-4
PI STA. = 15+78.08	PI STA. = 18+79.37	PI STA. = 20+71.43	PI STA. = 22+61.12
N = 1,951,515.122	N = 1,951,361.543	N = 1,951,238.700	N = 1,951,058.236
E = 988,795.697	E = 989,055.331	E = 989,203.396	E = 989,045.222
Δ = 5° 40' 29" (RT)	Δ = 9° 04' 32" (RT)	Δ = 91° 33' 12" (RT)	Δ = 41° 51' 04" (LT)
D = 1° 16' 39"	D = 5° 43' 46"	D = 52° 05' 13"	D = 17° 15' 28"
R = 4,485.00'	R = 1,000.00'	R = 110.00'	R = 332.00'
T = 222.29'	T = 79.37'	T = 113.02'	T = 126.95'
L = 444.22'	L = 158.40'	L = 175.77'	L = 242.51'
E = 5.51'	E = 3.14'	E = 47.72'	E = 23.44'
S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----
P.C. STA. = 13+55.79	P.C. STA. = 18+00.00	P.C. STA. = 19+58.40	P.C. STA. = 21+34.17
P.T. STA. = 18+00.00	P.T. STA. = 19+58.40	P.T. STA. = 21+34.17	P.T. STA. = 23+76.68

NOTES:
1. SEE SHEET 34 FOR EXISTING ALIGNMENT INFORMATION
2. SEE SHEET 35 FOR ALIGNMENT COORDINATES AND FOR CURVE DATA FOR FUTURE RAMPS A & C

EQUATION:
Sta 4+98.15 BK =
Sta 52+29.48 AH
PC Sta 52+29.48

TEMP RAMP B		
PROP. CURVE TRAMPB-1	PROP. CURVE TRAMPB-2	PROP. CURVE TRAMPB-3
PI STA. = 10+81.24	PI STA. = 16+61.99	PI STA. = 19+09.08
Δ = 8° 43' 17" (RT)	Δ = 1° 57' 18" (LT)	Δ = 3° 39' 36" (LT)
D = 6° 21' 58"	D = 0° 26' 52"	D = 6° 21' 58"
R = 900.00'	R = 12,798.25'	R = 900.00'
T = 68.63'	T = 218.38'	T = 28.75'
L = 137.00'	L = 436.72'	L = 57.49'
E = 2.61'	E = 1.86'	E = 0.46'
e = -----	e = -----	e = -----
T.R. = -----	T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----
P.C. STA. = 10+12.61	P.C. STA. = 14+43.61	P.C. STA. = 18+80.32
P.T. STA. = 11+49.60	P.T. STA. = 18+80.32	P.T. STA. = 19+37.82

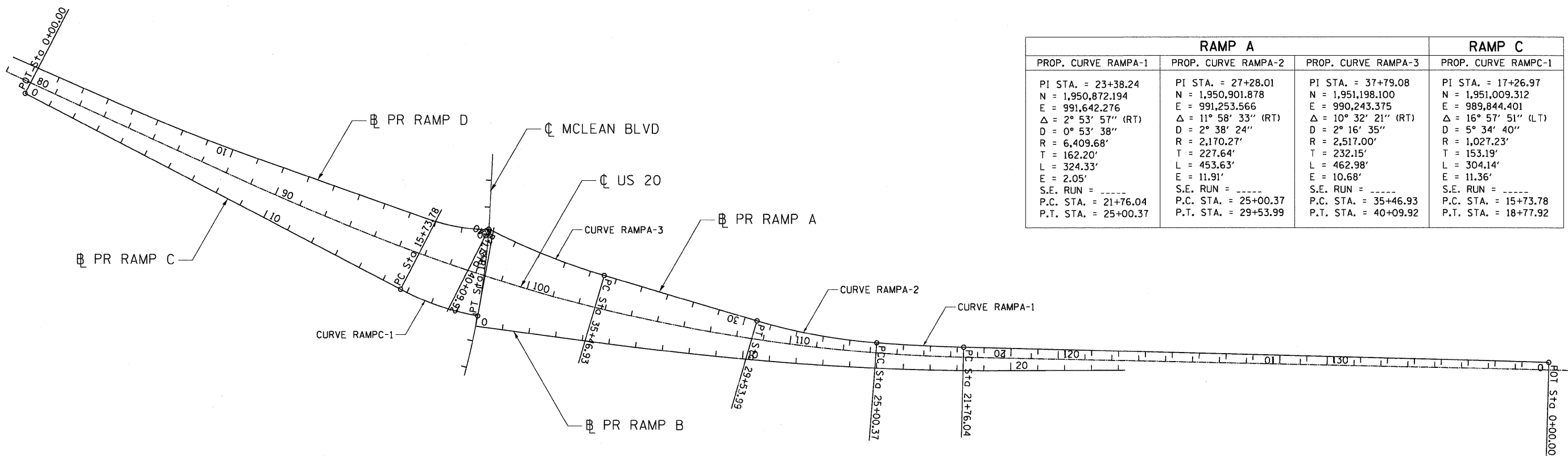
5/12/2011 10:08:34
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 345 / US ROUTE 20

ALIGNMENT, TIES & BENCHMARKS
 I
 SCALE: 1"=200'
 SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	BR-HB-2-BY-1	KANE	434	33

CONTRACT NO. 60K90
 ILLINOIS FED. AID PROJECT



RAMP A			RAMP C
PROP. CURVE RAMPA-1	PROP. CURVE RAMPA-2	PROP. CURVE RAMPA-3	PROP. CURVE RAMPC-1
PI STA. = 23+38.24 N = 1,950,872.194 E = 991,642.276 Δ = 2° 53' 57" (RT) D = 0° 53' 38" R = 6,409.68' T = 162.20' L = 324.33' E = 2.05' S.E. RUN = ----- P.C. STA. = 21+76.04 P.T. STA. = 25+00.37	PI STA. = 27+28.01 N = 1,950,901.878 E = 991,253.566 Δ = 11° 58' 33" (RT) D = 2° 38' 24" R = 2,170.27' T = 227.64' L = 453.63' E = 11.91' S.E. RUN = ----- P.C. STA. = 25+00.37 P.T. STA. = 29+53.99	PI STA. = 37+79.08 N = 1,951,198.100 E = 990,243.375 Δ = 10° 32' 21" (RT) D = 2° 16' 35" R = 2,517.00' T = 232.15' L = 462.98' E = 10.68' S.E. RUN = ----- P.C. STA. = 35+46.93 P.T. STA. = 40+09.92	PI STA. = 17+26.97 N = 1,951,009.312 E = 989,844.401 Δ = 16° 57' 51" (LT) D = 5° 34' 40" R = 1,027.23' T = 153.19' L = 304.14' E = 11.36' S.E. RUN = ----- P.C. STA. = 15+73.78 P.T. STA. = 18+77.92

COORDINATES

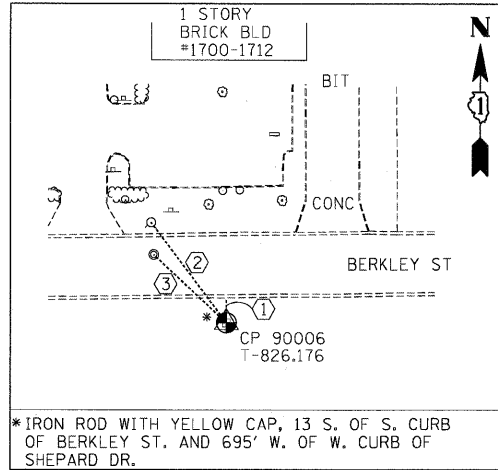
PROP. US RTE 20				
DESCRIPTION	NORTHING	EASTING	STATION	OFFSET
P.O.T.	1,952,952.3492	985,917.9827	53+43.42	0.00 FT
P.C. P20-1	1,951,510.2513	989,058.7084	87+99.40	0.00 FT
P.I. P20-1	1,951,381.5199	989,339.0708	91+07.91	4.52 FT
P.C.C. P20-1	1,951,269.4383	989,626.4950	94+16.23	0.00 FT
P.I. P20-2	1,950,854.9009	990,689.5427	105+57.25	98.66 FT
P.T. P20-2	1,950,830.4201	991,830.2935	116+74.87	0.00 FT
P.O.T.	1,950,748.7368	995,636.5447	154+82.00	0.00 FT
PROP. WELD ROAD				
P.O.T.	1,952,177.9118	987,363.5836	0+00.00	0.00 FT
P.O.T.	1,951,848.5189	988,082.5340	7+90.82	0.00 FT
P.O.T.	1,951,761.5666	988,272.7901	10+00.00	0.00 FT
P.C. WELDP-1	1,951,608.8215	988,594.1206	13+55.79	0.00 FT
P.I. WELDP-1	1,951,515.1225	988,795.6973	15+78.08	4.51 FT
P.C.C. WELDP-1	1,951,401.9502	988,987.0208	18+00.00	0.00 FT
P.I. WELDP-2	1,951,361.5431	989,055.3310	18+79.37	3.14 FT
P.C.C. WELDP-2	1,951,310.8667	989,116.4122	19+58.40	0.00 FT
P.I. WELDP-3	1,951,238.7000	989,203.3961	20+71.43	47.72 FT
P.R.C. WELDP-3	1,951,153.7042	989,128.8982	21+34.17	0.00 FT
P.I. WELDP-4	1,951,058.2364	989,045.2218	22+61.12	23.44 FT
P.T. WELDP-4	1,950,931.2955	989,046.5887	23+76.68	0.00 FT
P.O.T.	1,950,188.3115	989,054.5890	31+19.71	0.00 FT
PROP. TEMP RAMP B				
P.O.T.	1,950,852.6334	990,413.1105	10+00.00	0.00 FT
P.C. TRAMPB-1	1,950,853.4858	990,425.6898	10+12.61	0.00 FT
P.I. TRAMPB-1	1,950,858.1259	990,494.1636	10+81.24	-2.61 FT
P.T. TRAMPB-1	1,950,852.3295	990,562.5491	11+49.60	0.00 FT
P.C. TRAMPB-2	1,950,827.4989	990,855.5020	14+43.61	0.00 FT
P.I. TRAMPB-2	1,950,806.3469	991,072.8549	16+61.99	1.86 FT
P.C.C. TRAMPB-2	1,950,792.6225	991,290.8029	18+80.32	0.00 FT
P.I. TRAMPB-3	1,950,790.8154	991,319.5010	19+09.08	0.46 FT
P.T. TRAMPB-3	1,950,790.8439	991,348.2559	19+37.82	0.00 FT

PROP. RAMP B				
P.O.T.	1,950,942.7889	989,987.6730	0+00.00	0.00 FT
P.C. RAMPB-1	1,950,883.4434	990,443.3082	4+59.48	0.00 FT
P.I. RAMPB-1	1,950,818.0256	990,945.5657	9+65.98	10.03 FT
P.C.C. RAMPB-1	1,950,792.5327	991,451.4235	14+71.95	0.00 FT
P.I. RAMPB-2	1,950,780.4851	991,690.4849	17+11.32	3.18 FT
P.T. RAMPB-2	1,950,781.1454	991,929.8488	19+50.57	0.00 FT
P.O.T.	1,950,782.4548	992,404.5281	24+25.25	0.00 FT
PROP. RAMP D				
P.O.T.	1,951,299.0820	990,036.0173	0+00.00	0.00 FT
P.C. RAMPD-1	1,951,302.3530	989,992.4277	0+43.71	0.00 FT
P.I. RAMPD-1	1,951,309.8363	989,892.7044	1+43.72	-6.64 FT
P.T. RAMPD-1	1,951,343.1875	989,798.4259	2+42.55	0.00 FT
P.C. RAMPD-2	1,951,558.8016	989,188.9198	8+89.07	0.00 FT
P.I. RAMPD-2	1,951,650.8917	988,928.5958	11+65.20	-4.86 FT
P.T. RAMPD-2	1,951,761.0743	988,675.3983	14+41.10	0.00 FT
P.O.T.	1,952,239.9310	987,574.9946	26+41.18	0.00 FT
PROP. FLEETWOOD DRIVE				
P.O.T.	1,950,185.2675	988,758.6544	300+00.00	0.00 FT
P.O.T.	1,950,187.4810	988,973.8430	302+15.20	0.00 FT
P.C. FLEETWOOD-1	1,950,197.0839	989,907.4238	311+48.83	0.00 FT
P.I. FLEETWOOD-1	1,950,198.3037	990,026.0038	312+67.42	22.59 FT
P.T. FLEETWOOD-1	1,950,280.2716	990,111.7008	313+74.69	0.00 FT
P.O.T.	1,950,317.1212	990,150.2269	314+28.00	0.00 FT
PROP. MCLEAN BLVD				
P.O.T.	1,948,495.2410	989,416.1420	0+00.00	0.00 FT
P.C. PMCLEAN-1	1,948,991.0495	989,464.3849	52+29.48	0.00 FT
P.I. PMCLEAN-1	1,949,490.6559	989,512.9979	57+31.45	-29.94 FT
P.T. PMCLEAN-1	1,949,964.6734	989,678.1558	62+28.66	0.00 FT
P.C. PMCLEAN-2	1,950,536.5081	989,877.3952	68+34.21	0.00 FT
P.I. PMCLEAN-2	1,950,941.5867	990,018.5333	72+63.17	30.51 FT
P.C.C. PMCLEAN-2	1,951,369.9864	990,040.4944	76+86.36	0.00 FT
P.I. PMCLEAN-3	1,952,022.7217	990,073.9557	83+39.95	6.21 FT
P.T. PMCLEAN-3	1,952,676.2573	990,082.5769	89+93.38	0.00 FT
P.O.T.	1,953,372.0776	990,091.7559	96+89.26	0.00 FT

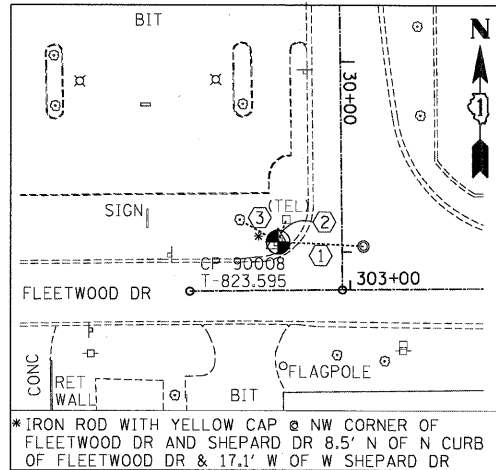
PROP. RAMP A				
P.O.T.	1,950,812.2984	993,979.7469	0+00.00	0.00 FT
P.C. RAMPA-1	1,950,868.0393	991,804.4234	21+76.04	0.00 FT
P.I. RAMPA-1	1,950,872.1942	991,642.2769	23+38.24	-2.05 FT
P.C.C. RAMPA-1	1,950,884.5448	991,480.5482	25+00.37	0.00 FT
P.I. RAMPA-2	1,950,901.8787	991,253.5662	27+28.01	-11.91 FT
P.T. RAMPA-2	1,950,965.9340	991,035.1213	29+53.99	0.00 FT
P.C. RAMPA-3	1,951,132.7776	990,466.1424	35+46.93	0.00 FT
P.I. RAMPA-3	1,951,198.1004	990,243.3750	37+79.08	-10.68 FT
P.T. RAMPA-3	1,951,303.0670	990,036.3137	40+09.92	0.00 FT
PROP. RAMP C				
P.O.T.	1,951,804.8818	988,311.5907	0+00.00	0.00 FT
P.C. RAMPC-1	1,951,079.8838	989,708.4331	15+73.78	0.00 FT
P.I. RAMPC-1	1,951,009.3124	989,844.4019	17+26.97	11.36 FT
P.T. RAMPC-1	1,950,981.4837	989,995.0450	18+77.92	0.00 FT

NOTES:
1. PROPOSED RAMPS A, B, C, AND D ARE TO BE CONSTRUCTED IN A FUTURE CONTRACT
2. SEE SHEET 33 FOR CURVE DATA FOR RAMPS B & D

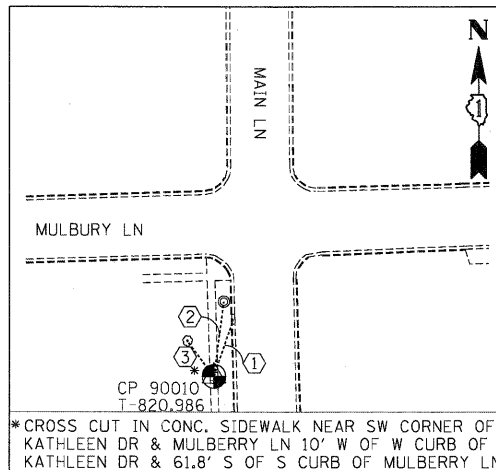
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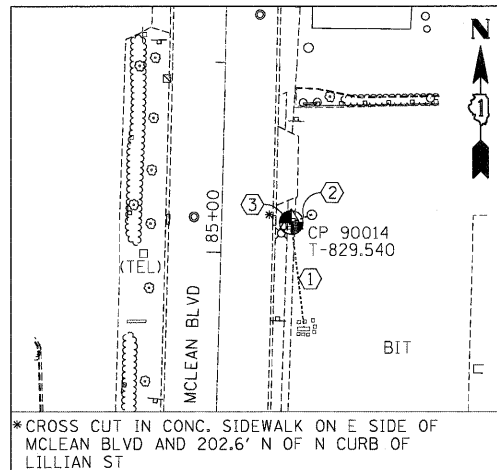
* IRON ROD WITH YELLOW CAP, 13 S. OF S. CURB OF BERKLEY ST. AND 695' W. OF W. CURB OF SHEPARD DR.



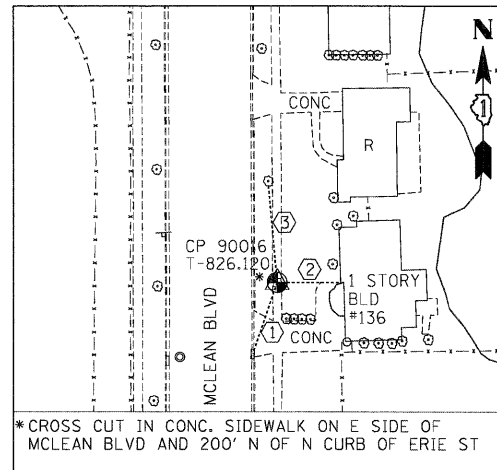
* IRON ROD WITH YELLOW CAP @ NW CORNER OF FLEETWOOD DR AND SHEPARD DR 8.5' N OF N CURB OF FLEETWOOD DR & 17.1' W OF W SHEPARD DR



* CROSS CUT IN CONC. SIDEWALK NEAR SW CORNER OF KATHLEEN DR & MULBERRY LN 10' W OF W CURB OF KATHLEEN DR & 61.8' S OF S CURB OF MULBERRY LN



* CROSS CUT IN CONC. SIDEWALK ON E SIDE OF MCLEAN BLVD AND 202.6' N OF N CURB OF LILLIAN ST



* CROSS CUT IN CONC. SIDEWALK ON E SIDE OF MCLEAN BLVD AND 200' N OF N CURB OF ERIE ST

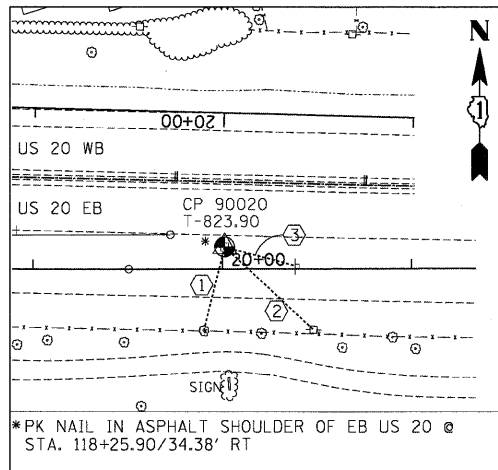
- (N 1950816.625, E 988336.015, ELEV. 826.040)
- ① 13.05' TO THE BACK OF CURB
 - ② 66.30' TO THE CENTER OF FIRE HYDRANT
 - ③ 52.20' TO THE CENTER OF WATER VALVE VAULT (MH)

- (N 1950212.996, E 989020.547, ELEV. 823.480)
- ① 45.30' TO THE CENTER OF WATER VALVE VAULT (MH)
 - ② 12.40' TO THE CENTER OF TELEPHONE CABLE BOX
 - ③ 20.50' TO THE PK NAIL SET ON SOUTH FACE OF 12" TREE

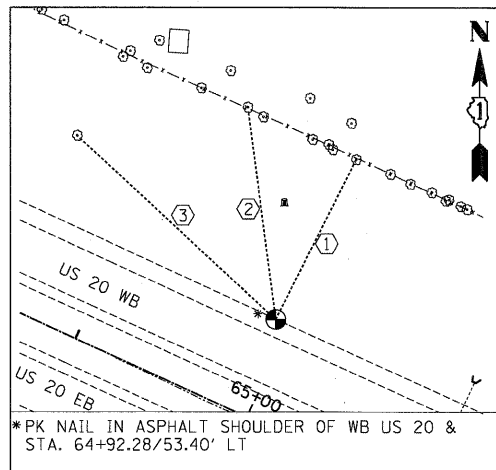
- (N 1952288.720, E 988592.527, ELEV. 820.880)
- ① 31.90' TO THE CENTER OF GUTTER INLET
 - ② 39.50' TO THE CENTER OF CATCH BASIN (MH)
 - ③ 23.40' TO THE PK NAIL SET IN EAST FACE OF 6" TREE

- (N 1952198.206, E 990110.538, ELEV. 829.370)
- ① 54.45' TO THE NW CORNER OF PIETROS PIZZA'S SIGN
 - ② 11.60' TO THE CENTER OF CATCH BASIN
 - ③ 7.80' TO THE CENTER OF LIGHT POLE

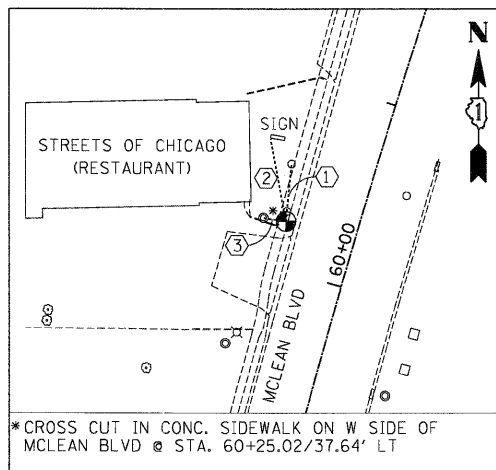
- (N 1953522.787, E 990122.104, ELEV. 825.980)
- ① 39.10' TO THE CENTER OF GUTTER INLET
 - ② 33.85' TO THE CORNER OF THE 1 STORY FRAME BLD #169
 - ③ 51.60' TO THE PK NAIL SET IN SOUTH FACE OF 26" TREE



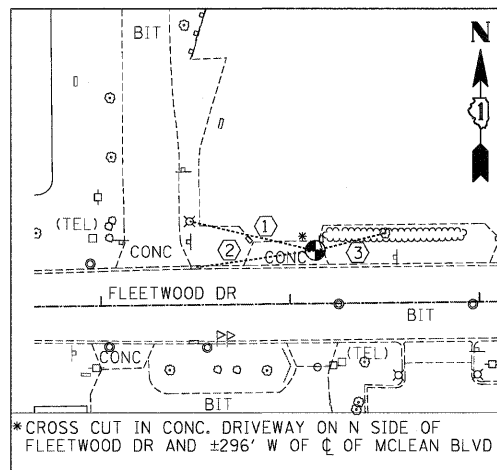
* PK NAIL IN ASPHALT SHOULDER OF EB US 20 @ STA. 118+25.90/34.38' RT



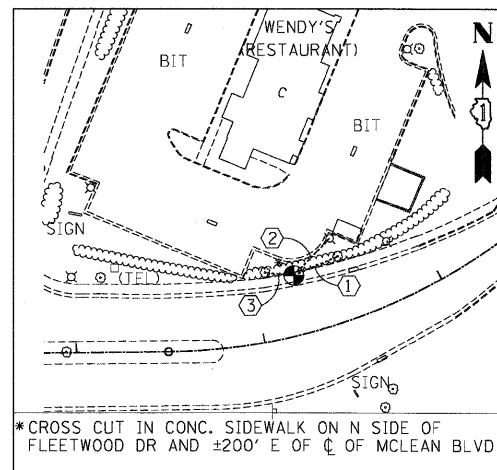
* CROSS CUT IN CONC. SIDEWALK ON W SIDE OF MCLEAN BLVD @ STA. 60+25.02/37.64' LT



* CROSS CUT IN CONC. DRIVEWAY ON N SIDE OF FLEETWOOD DR AND ±296' W OF CL OF MCLEAN BLVD



* CROSS CUT IN CONC. SIDEWALK ON N SIDE OF FLEETWOOD DR AND ±200' E OF CL OF MCLEAN BLVD



* CROSS CUT IN CONC. SIDEWALK ON N SIDE OF FLEETWOOD DR AND ±200' E OF CL OF MCLEAN BLVD

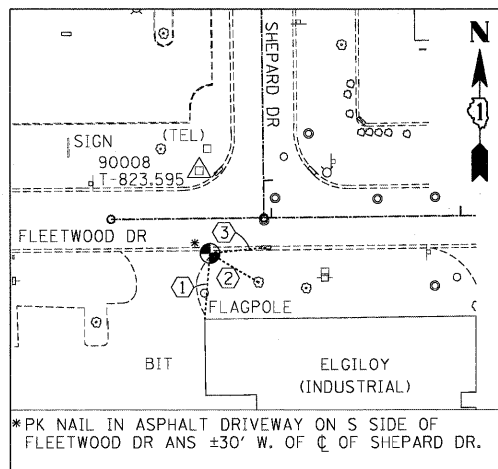
- (N 1950792.807, E 991980.556, ELEV. 823.810)
- ① 45.00' TO THE PK NAIL SET IN NORTH FACE OF 16" TREE
 - ② 64.10' TO THE PK NAIL SET IN NORTH FACE OF POWER POLE
 - ③ 38.70' TO THE CENTER OF SNTG (EMERGENCY PARKING ONLY)

- (N 1952521.485, E 986984.329, ELEV. 823.490)
- ① 94.20' TO THE PK NAIL SET IN SOUTH FACE OF 10" TREE
 - ② 110.85' TO THE PK NAIL SET IN SOUTH FACE OF 12" TREE
 - ③ 142.50' TO THE PK NAIL SET IN EAST FACE OF 12" TREE

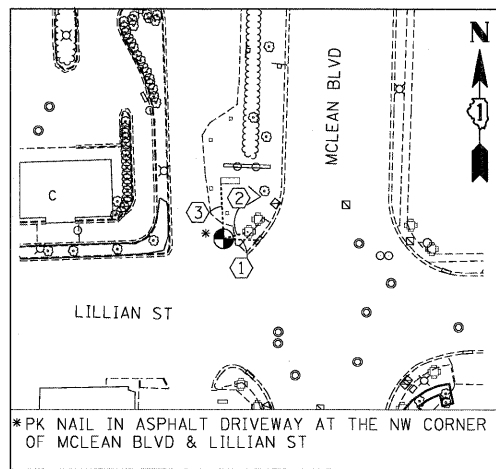
- (N 1949781.472, E 989579.743, ELEV. 826.940)
- ① 30.40' TO THE CENTER OF WATER BUFFALO BOX
 - ② 44.35' TO THE SW CORNER OF RESTAURANT'S SIGN
 - ③ 12.00' TO THE CENTER OF SANITARY MANHOLE

- (N 1950220.667, E 989471.903, ELEV. 825.320)
- ① 68.20' TO THE CENTER OF LIGHT POLE
 - ② 64.20' TO THE CENTER OF GUTTER INLET
 - ③ 37.50' TO THE PK NAIL SET IN SOUTH FACE OF 16" TREE

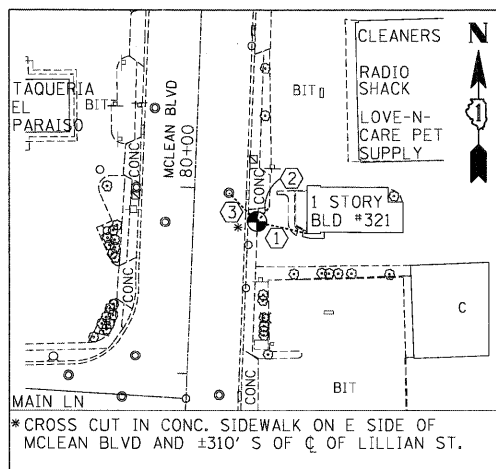
- (N 1950237.454, E 989973.590, ELEV. 824.710)
- ① 25.30' TO THE PK NAIL SET IN SOUTH FACE OF 12" TREE
 - ② 27.45' TO THE CENTER OF LIGHT POLE
 - ③ 15.35' TO THE PK NAIL SET IN SOUTH FACE OF 14" TREE



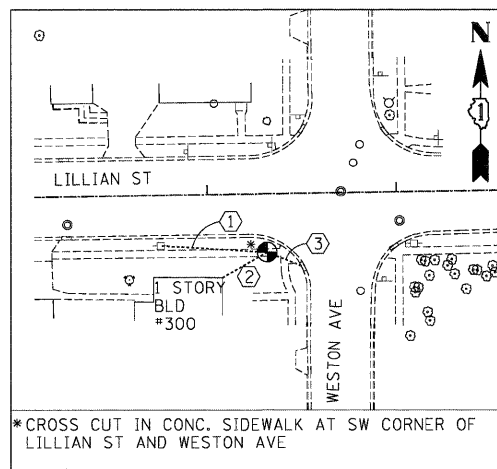
* PK NAIL IN ASPHALT DRIVEWAY ON S SIDE OF FLEETWOOD DR ±30' W. OF CL OF SHEPARD DR.



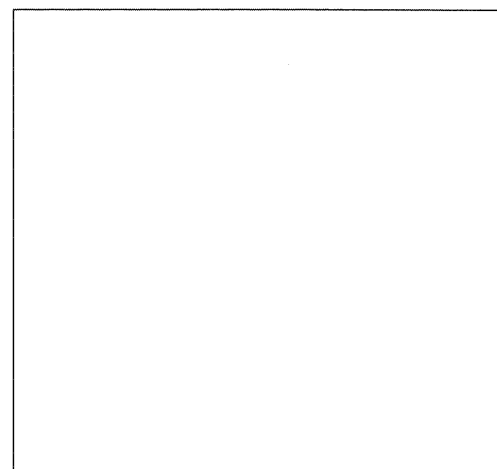
* PK NAIL IN ASPHALT DRIVEWAY AT THE NW CORNER OF MCLEAN BLVD & LILLIAN ST



* CROSS CUT IN CONC. SIDEWALK ON E SIDE OF MCLEAN BLVD AND ±310' S OF CL OF LILLIAN ST.



* CROSS CUT IN CONC. SIDEWALK AT SW CORNER OF LILLIAN ST AND WESTON AVE



* CROSS CUT IN CONC. SIDEWALK ON E SIDE OF MCLEAN BLVD AND ±310' S OF CL OF LILLIAN ST.

- (N 1950169.350, E 989026.104, ELEV. 823.170)
- ① 34.70' TO THE NW CORNER OF 1 STORY BRICK BLD
 - ② 29.40' TO THE PK NAIL SET IN NORTH FACE OF 18" TREE
 - ③ 30.00' TO THE CENTER OF GUTTER INLET

- (N 1952013.765, E 990009.054, ELEV. 829.860)
- ① 18.60' TO THE CENTER OF GUTTER INLET
 - ② 13.55' TO THE CENTER OF TRAFFIC SIGNAL POLE
 - ③ 29.25' TO THE SW CORNER OF ELGIN MALL'S SIGN

- (N 1951665.021, E 990089.560, ELEV. 831.840)
- ① 28.30' TO THE SW CORNER OF 1 STORY FRAME BLD #321
 - ② 10.10' TO THE SE CORNER OF CONC. DRIVEWAY
 - ③ 21.00' TO THE CENTER OF SANITARY MANHOLE

- (N 1951948.255, E 990397.884, ELEV. 831.060)
- ① 56.05' TO THE PK NAIL SET IN EAST FACE OF POWER POLE
 - ② 27.25' TO THE NE CORNER OF 1 STORY FRAME BLD #300
 - ③ 20.40' TO THE CENTER OF GUTTER INLET

- (N 1951948.255, E 990397.884, ELEV. 831.060)
- ① 56.05' TO THE PK NAIL SET IN EAST FACE OF POWER POLE
 - ② 27.25' TO THE NE CORNER OF 1 STORY FRAME BLD #300
 - ③ 20.40' TO THE CENTER OF GUTTER INLET

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 \S:\6044\WORK\12-2011\100344.DWG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS
 FILE NAME = USER NAME = #USER*
 PLOT SCALE = #SCALE*
 PLOT DATE = #DATE*
 DESIGNED - MRK
 DRAWN - JFS
 CHECKED - DDH
 DATE - 05/18/11
 REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 345 / US ROUTE 20**

**ALIGNMENT, TIES & BENCHMARKS
 IV**

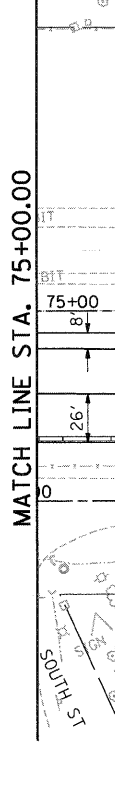
SCALE: 1"=200' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	BR-HB-2-BY-1	KANE	434	36
CONTRACT NO. 60K90				

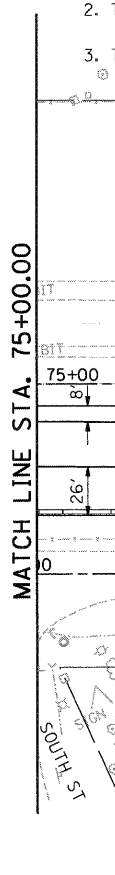
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

NOTES:
 1. SEE DRAINAGE AND UTILITY PLANS FOR REMOVAL OF DRAINAGE RELATED ITEMS.
 2. SEE GENERAL NOTES SHEET 3 FOR NOTE REGARDING LIMITS OF PAVED SHOULDER REMOVAL.

NOTES:
 1. DIMENSIONING AND OFFSETS FOR TEMPORARY CONCRETE BARRIER (INSTALL ONLY) ARE SHOWN TO THE CENTER LINE OF THE WALL.
 2. TEMPORARY CONCRETE BARRIER (INSTALL ONLY) AT THE LOCATIONS INDICATED SHALL BE SECURED TO THE PAVEMENT USING THREE ANCHORING PINS ON TRAFFIC SIDE ONLY.
 THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY CONCRETE BARRIER (INSTALL ONLY).
 3. TEMPORARY CONCRETE BARRIER WALL CONTINUOUS (TYPICAL).



EXISTING PLAN



PROPOSED PLAN

FILE NAME = \s\166441\d\166441.dgn
 USER NAME = #USER#
 DESIGNED - JP
 REVISIONS -
 DRAWN - MH
 CHECKED - DDH
 DATE - 05/18/11
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 PLOT DATE = #DATE#

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 345 / US ROUTE 20

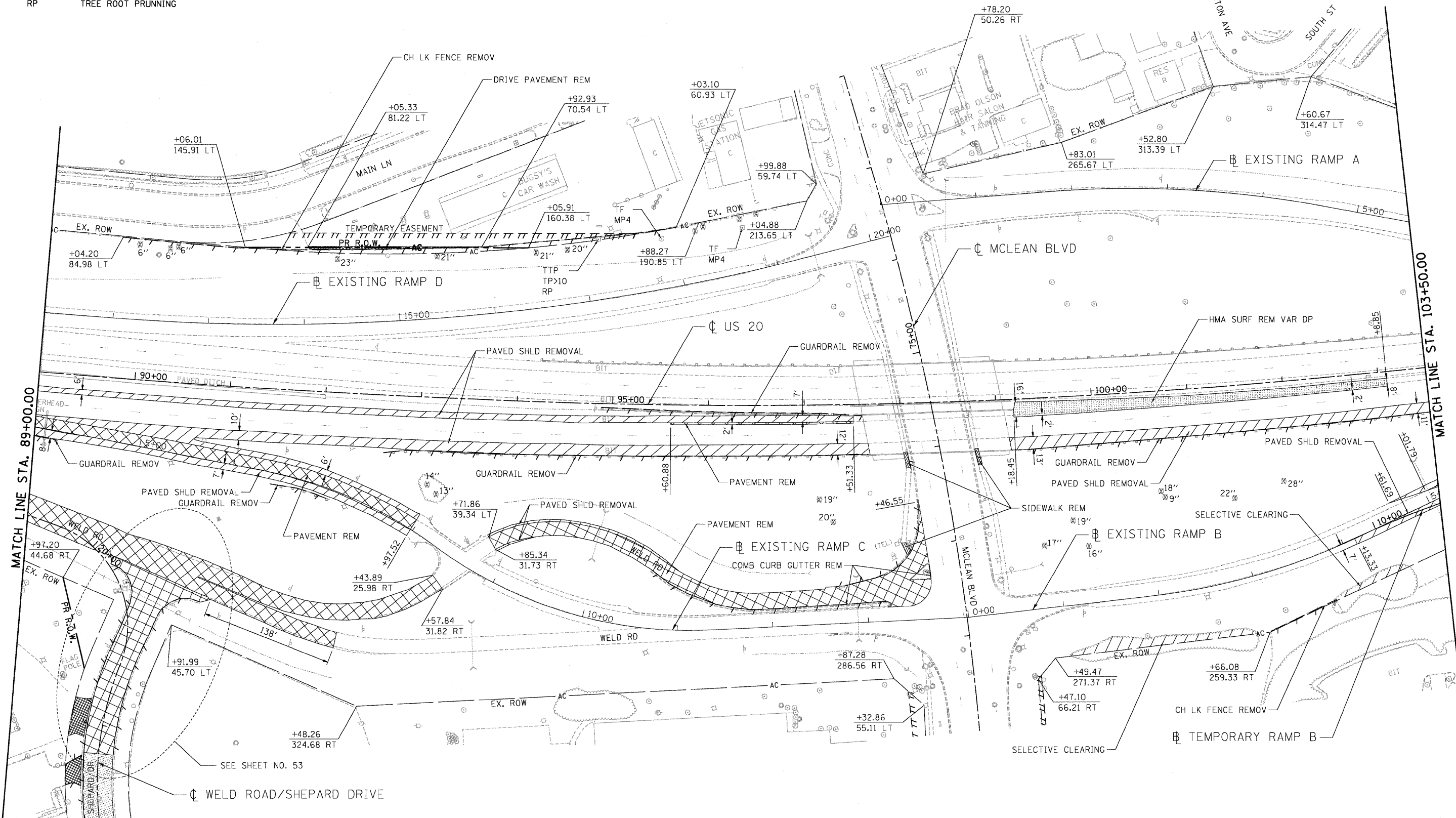
ROADWAY PLAN
U.S. ROUTE 20
 SCALE: 1"=50'
 SHEET NO. OF SHEETS STA. 75+00.00 TO STA. 89+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-HB-2-BY-1	KANE	434	39
CONTRACT NO. 60K90				FED. ROAD DIST. NO.
				ILLINOIS FED. AID PROJECT

TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

REMOVAL LEGEND

- | | | | |
|-------|--------------------------------|-----|---|
| TTP | TREE TRUNK PROTECTION | TF | TEMPORARY FENCE AT DRIPLINE TO PROTECT TREE ROOTS |
| TP>10 | TREE PRUNING (>10" = OVER 10") | MP4 | TREE MULCH RING (PAID AS MULCH PLACEMENT, 4") |
| RP | TREE ROOT PRUNNING | | |



- NOTES:**
 1. SEE DRAINAGE AND UTILITY PLANS FOR REMOVAL OF DRAINAGE RELATED ITEMS.
 2. SEE GENERAL NOTES SHEET 3 FOR NOTE REGARDING LIMITS OF PAVED SHOULDER REMOVAL.

EXISTING PLAN

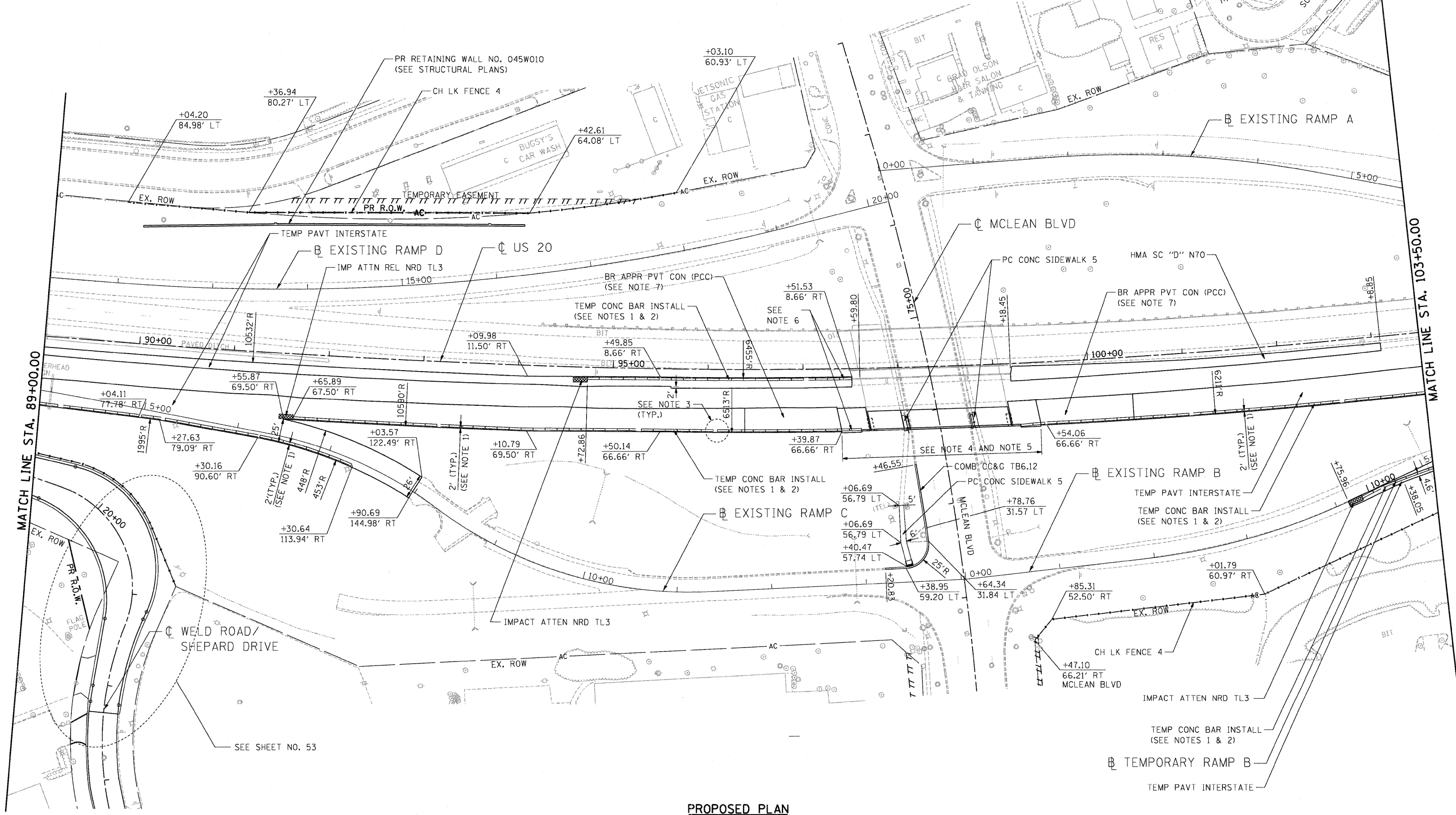
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 345 / US ROUTE 20

ROADWAY PLAN
U.S. ROUTE 20

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-HB-2-BY-1	KANE	434	40
CONTRACT NO. 60K90				

FILE NAME = ... USER NAME = #USER# ... DESIGNED - JP ... REVISED - ... DRAWN - MH ... REVISED - ... CHECKED - DDH ... REVISED - ... DATE - 05/18/11 ... REVISED - ...
 TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS
 SCALE: 1"=50' SHEET NO. OF SHEETS STA. 89+00.00 TO STA. 103+50.00

- NOTES:
1. DIMENSIONING AND OFFSETS FOR TEMPORARY CONCRETE BARRIER (INSTALL ONLY) ARE SHOWN TO THE CENTER LINE OF THE WALL.
 2. TEMPORARY CONCRETE BARRIER (INSTALL ONLY) AT THE LOCATIONS INDICATED SHALL BE SECURED TO THE PAVEMENT USING THREE ANCHORING PINS ON TRAFFIC SIDE ONLY. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY CONCRETE BARRIER (INSTALL ONLY).
 3. TEMPORARY CONCRETE BARRIER WALL CONTINUOUS TYPICAL.
 4. SEE STRUCTURAL PLANS FOR BRIDGE AND BRIDGE APPROACH PAVEMENT DETAILS.
 5. BARRIER WALL MARKERS, TYPE C SHALL BE PLACED ON BRIDGE PARAPET AT EVERY 25 FEET.
 6. USE A MAXIMUM TAPER RATE OF 1:26 TO MEET FACE OF EXISTING PARAPET. SEE ROADWAY DETAIL SHEET 57 FOR CONNECTION DETAILS.
 7. IF THE CONTRACTOR USES HMA FOR THE TEMPORARY PAVEMENT (INTERSTATE), THE BRIDGE APPROACH PAVEMENT CONNECTOR SHALL BE CONSTRUCTED WITH HMA AS SHOWN ON STANDARD 420401 AT NO ADDITIONAL COST TO THE DEPARTMENT.



PROPOSED PLAN

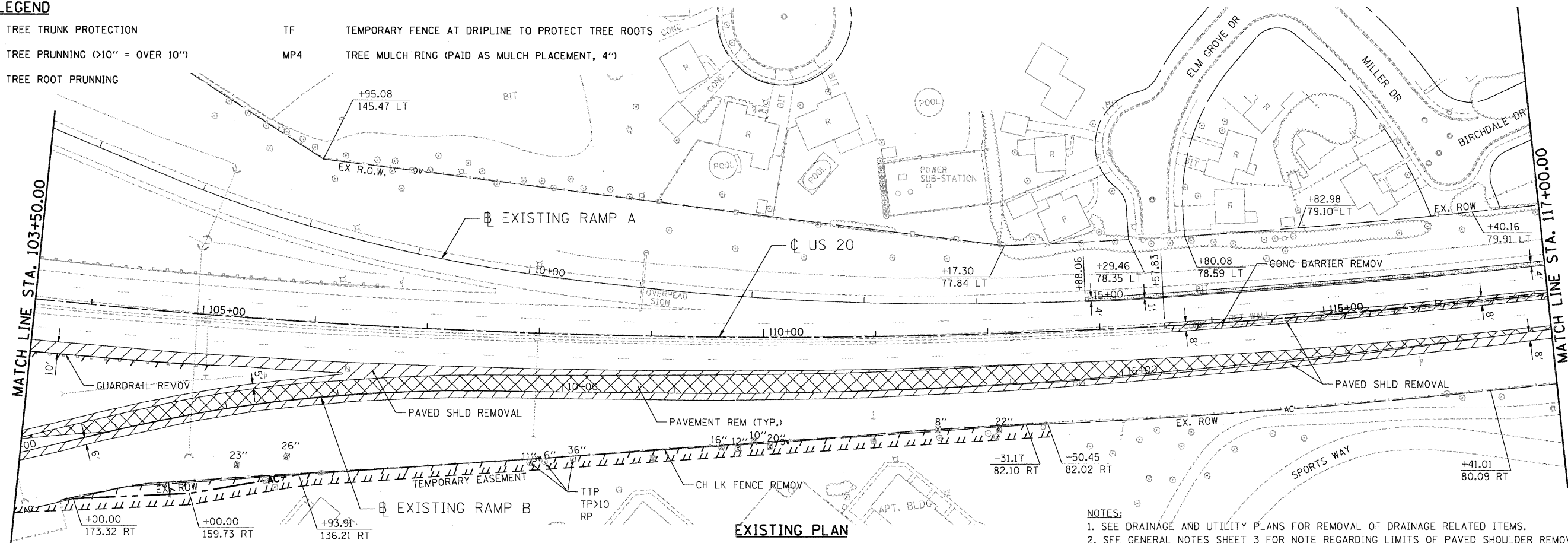
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FILE NAME =	USER NAME = \$USER\$	DESIGNED - JP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20	ROADWAY PLAN U.S. ROUTE 20	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = \$SCALE\$		CHECKED - DDH	REVISED -			CONTRACT NO. 60K90					
PLOT DATE = \$DATE\$		DATE - 05/18/11	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
					SCALE: 1"=50'	SHEET NO.	OF	SHEETS	STA. 89+00.00	TO STA. 103+50.00	



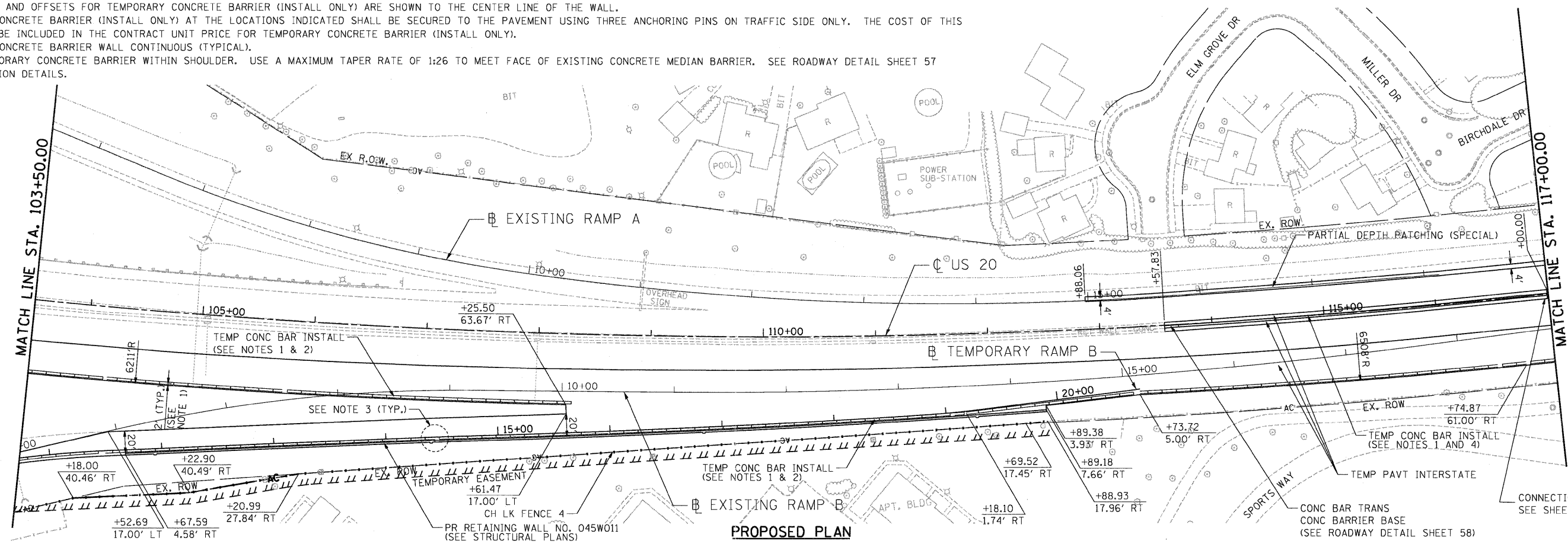
REMOVAL LEGEND

- TTP TREE TRUNK PROTECTION
- TP>10 TREE PRUNNING (>10" = OVER 10")
- RP TREE ROOT PRUNNING
- TF TEMPORARY FENCE AT DRIPLINE TO PROTECT TREE ROOTS
- MP4 TREE MULCH RING (PAID AS MULCH PLACEMENT, 4")



- NOTES:**
1. SEE DRAINAGE AND UTILITY PLANS FOR REMOVAL OF DRAINAGE RELATED ITEMS.
 2. SEE GENERAL NOTES SHEET 3 FOR NOTE REGARDING LIMITS OF PAVED SHOULDER REMOVAL.

- NOTES:**
1. DIMENSIONING AND OFFSETS FOR TEMPORARY CONCRETE BARRIER (INSTALL ONLY) ARE SHOWN TO THE CENTER LINE OF THE WALL.
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 3. TEMPORARY CONCRETE BARRIER WALL CONTINUOUS (TYPICAL).
 4. CENTER TEMPORARY CONCRETE BARRIER WITHIN SHOULDER. USE A MAXIMUM TAPER RATE OF 1:26 TO MEET FACE OF EXISTING CONCRETE MEDIAN BARRIER. SEE ROADWAY DETAIL SHEET 57 FOR CONNECTION DETAILS.



CONNECTION DETAIL
SEE SHEET > rd01D

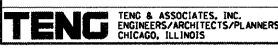
CONC BAR TRANS
CONC BARRIER BASE
(SEE ROADWAY DETAIL SHEET 58)

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP ROUTE 345 / US ROUTE 20**

**ROADWAY PLAN
U.S. ROUTE 20**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-HB-2-BY-1	KANE	434	42
CONTRACT NO. 60K90				

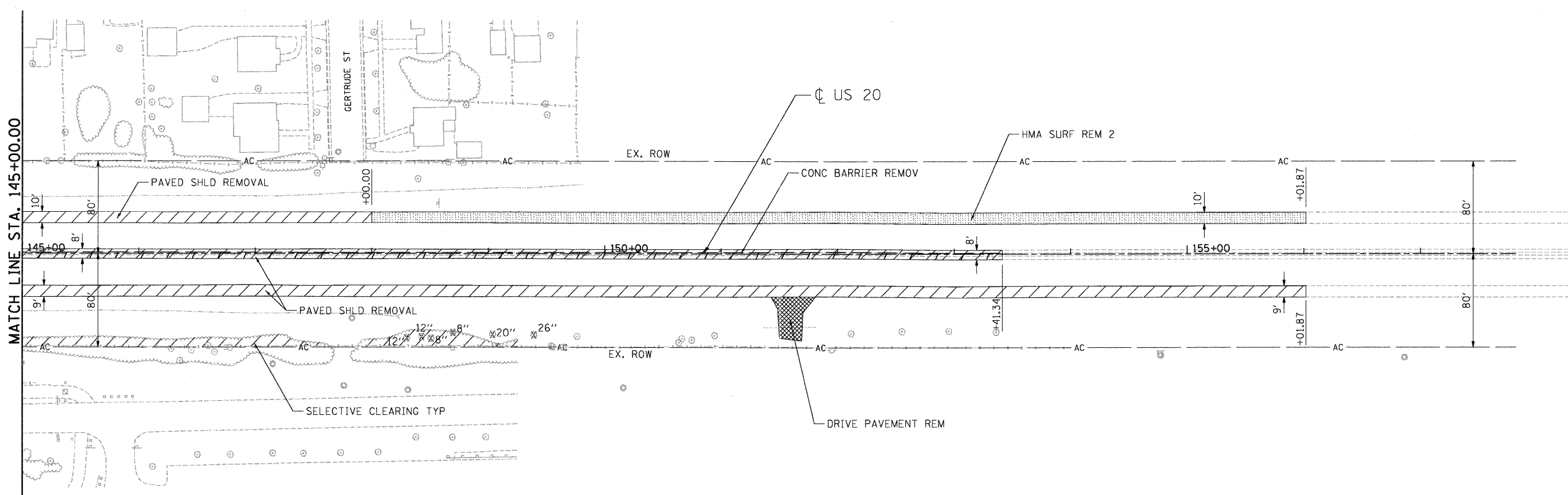
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SCALE: 1"=50' SHEET NO. OF SHEETS STA. 103+50.00 TO STA. 117+00.00

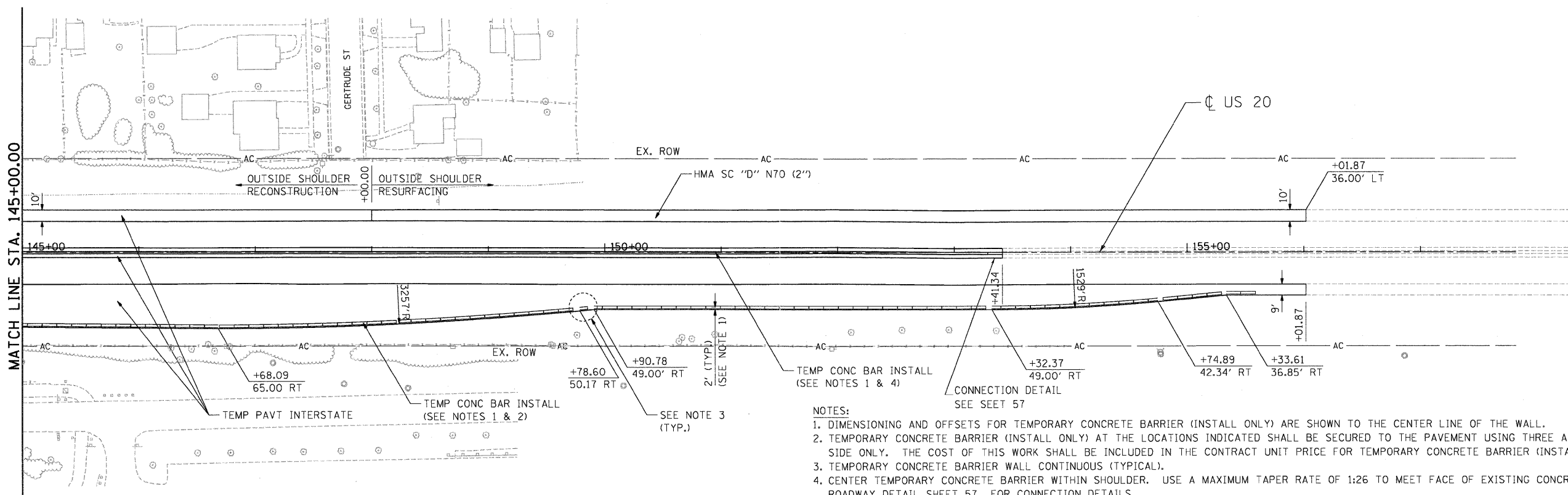
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- NOTES:**
- SEE DRAINAGE AND UTILITY PLANS FOR REMOVAL OF DRAINAGE RELATED ITEMS.
 - SEE GENERAL NOTES SHEET 3 FOR NOTE REGARDING LIMITS OF PAVED SHOULDER REMOVAL.

EXISTING PLAN



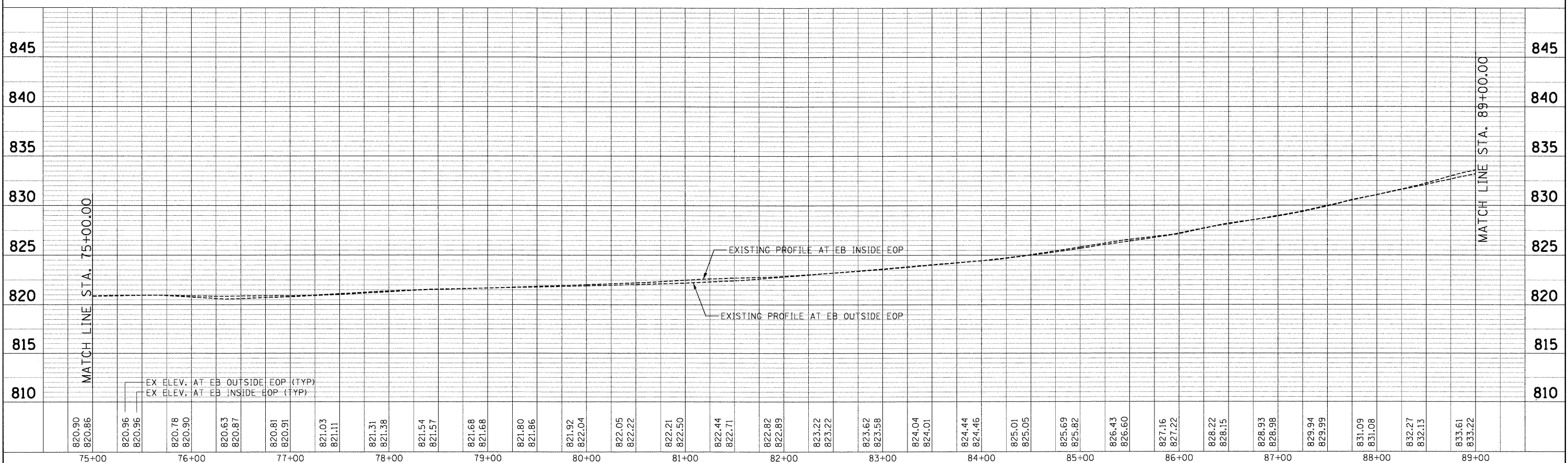
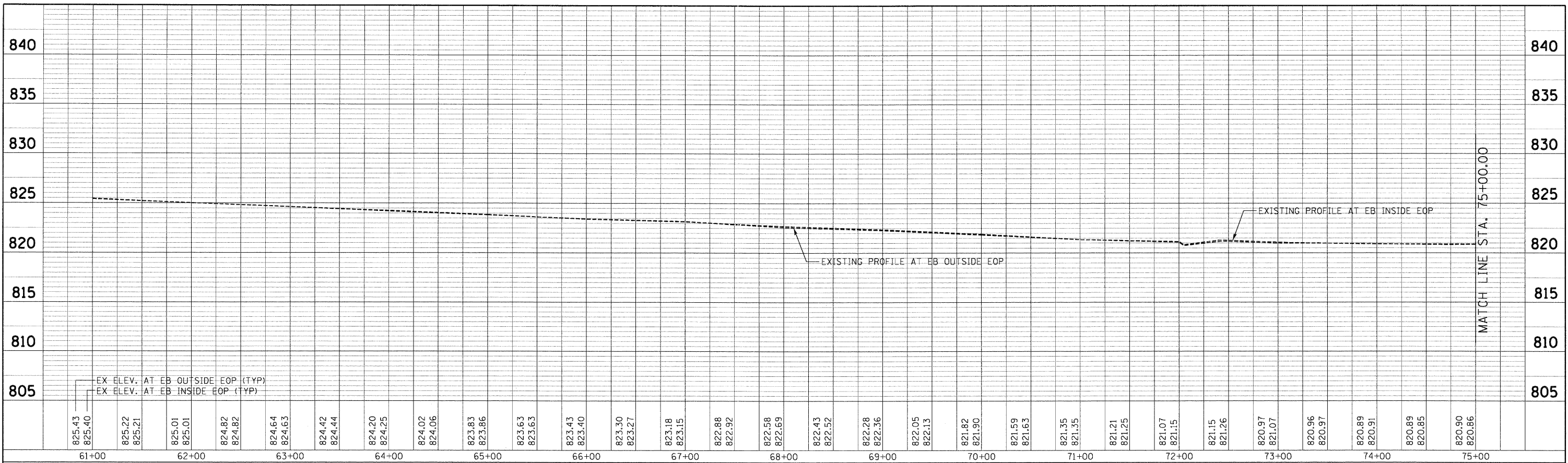
- NOTES:**
- DIMENSIONING AND OFFSETS FOR TEMPORARY CONCRETE BARRIER (INSTALL ONLY) ARE SHOWN TO THE CENTER LINE OF THE WALL.
 - TEMPORARY CONCRETE BARRIER (INSTALL ONLY) AT THE LOCATIONS INDICATED SHALL BE SECURED TO THE PAVEMENT USING THREE ANCHORING PINS ON TRAFFIC SIDE ONLY. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY CONCRETE BARRIER (INSTALL ONLY).
 - TEMPORARY CONCRETE BARRIER WALL CONTINUOUS (TYPICAL).
 - CENTER TEMPORARY CONCRETE BARRIER WITHIN SHOULDER. USE A MAXIMUM TAPER RATE OF 1:26 TO MEET FACE OF EXISTING CONCRETE MEDIAN BARRIER. SEE ROADWAY DETAIL SHEET 57 FOR CONNECTION DETAILS.

PROPOSED PLAN

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - JP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN U.S. ROUTE 20	F.A.P. RTE. 345	SECTION 8R-HB-2-BY-1	COUNTY KANE	TOTAL SHEETS 434	SHEET NO. 45
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS				FAP ROUTE 345 / US ROUTE 20		SCALE: 1"=50' SHEET NO. OF SHEETS STA. 145+00.00 TO STA. 156+00.00		CONTRACT NO. 60K90 ILLINOIS FED. AID PROJECT		

PLAN	REVISIONS	BY	DATE
NO.	NO.		
NOTE BOOK	CHECKED		
FILE NAME	FILE NAME		

P	FILE	REVISIONS	BY	DATE
NO.	NO.			
NOTE BOOK	GRADES CHECKED			
FILE NAME	B.M. NOTED			
	STRUCTURE NOTATIONS CHECKED			



FILE NAME =	USER NAME = \$USER\$	DESIGNED - MRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20	ROADWAY PROFILE		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = \$DATE\$		DATE - 05/18/11	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						
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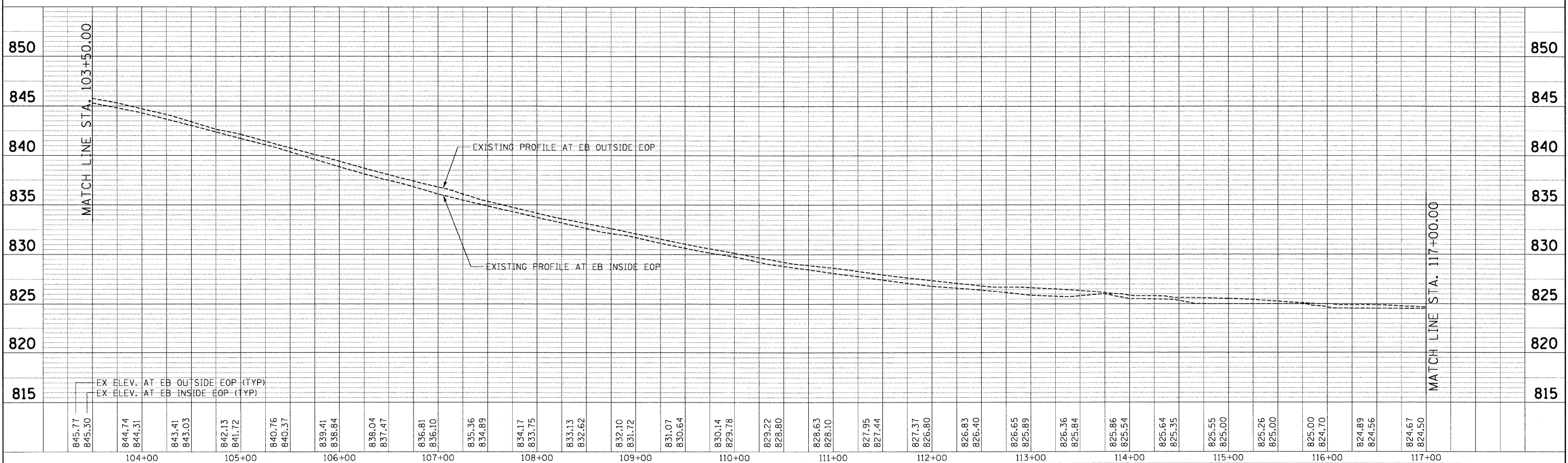
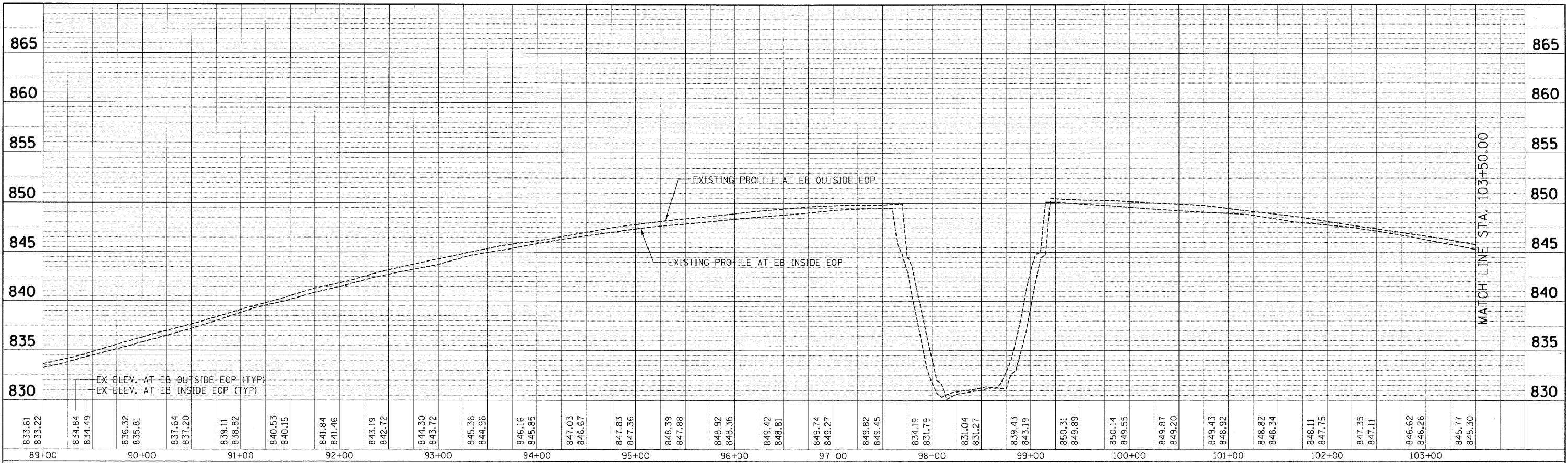
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TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

PLAN REVIEWED PLOTTED ALIGNED CHECKED
 NOTE BOOK NO. DATE
 BY

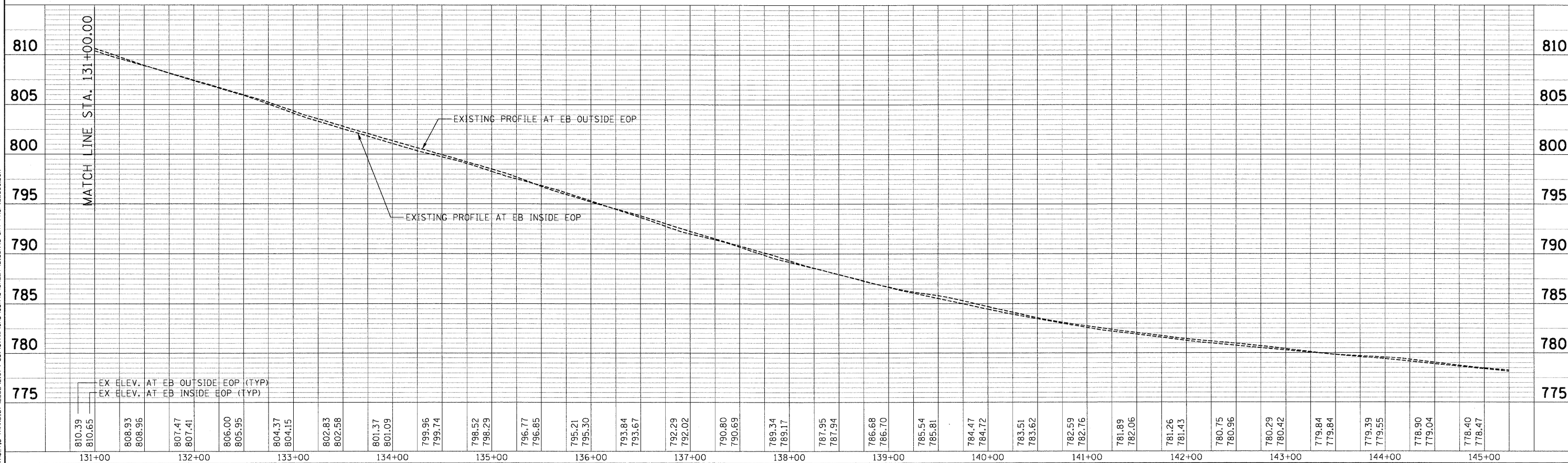
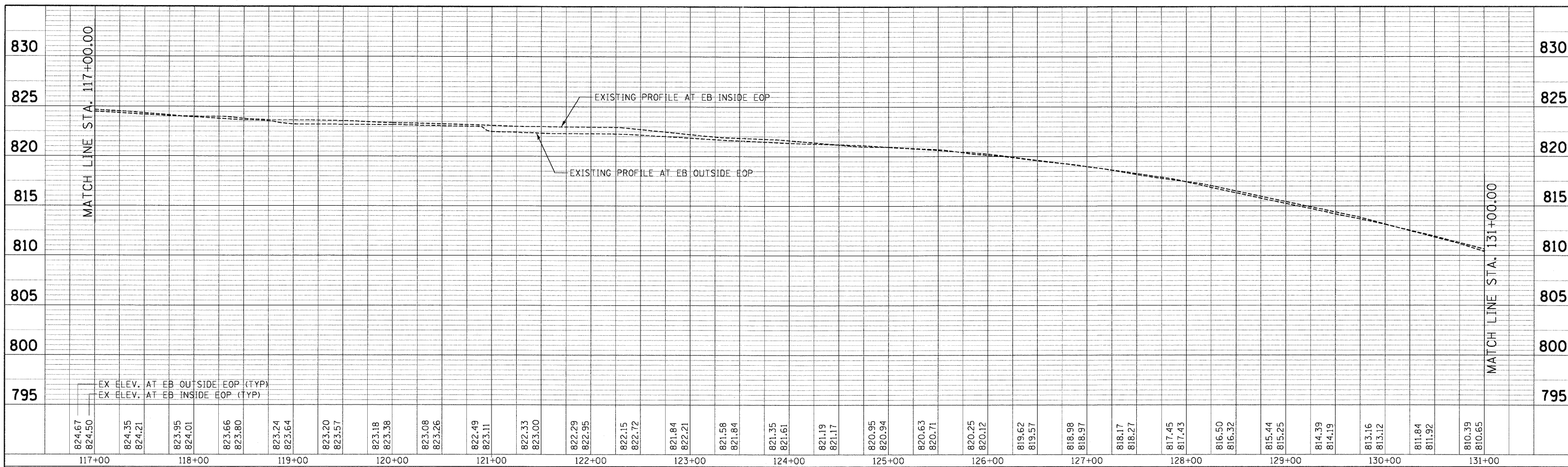
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 NOTE BOOK NO. DATE
 BY



PLAN	REVISION	BY	DATE
NO.			
NOTE BOOK	ALIGNED CHECKED		
	WAY CHECKED		
	FILE NAME		

FILE	REVISION	BY	DATE
NO.			
NOTE BOOK	GRADES CHECKED		
	IB.M. NOTED		
	STRUCTURE NOTATION		
	CHKD		

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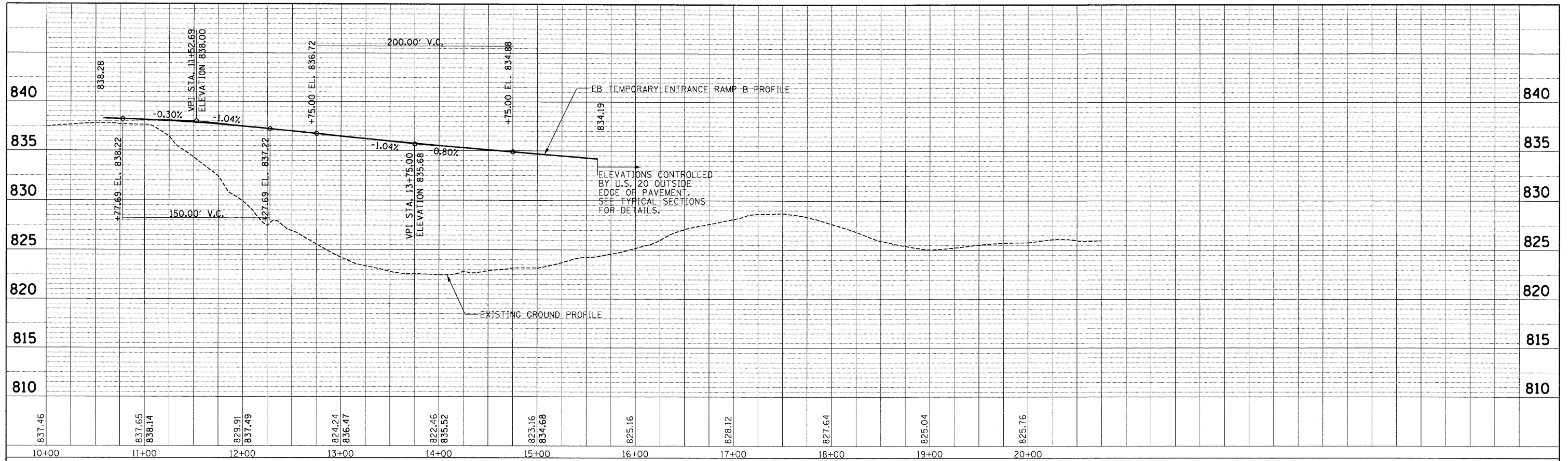
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PLOT DATE = *DATE*		DATE - 05/18/11	REVISED -									FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



PLAN
 REVIEWED
 PLOTTED
 ALIGNED
 CHECKED
 NO. NOTE BOOK
 DATE

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 PLOTTED
 GRADES CHECKED
 B.M. NOTED
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 DATE

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 PLOT DATE = #DATE#

DESIGNED - AMB
 DRAWN - AMB
 CHECKED - PB
 DATE - 05/18/11

REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 345 / US ROUTE 20

ROADWAY PROFILE
 U.S. ROUTE 20
 EB TEMPORARY ENTRANCE RAMP B

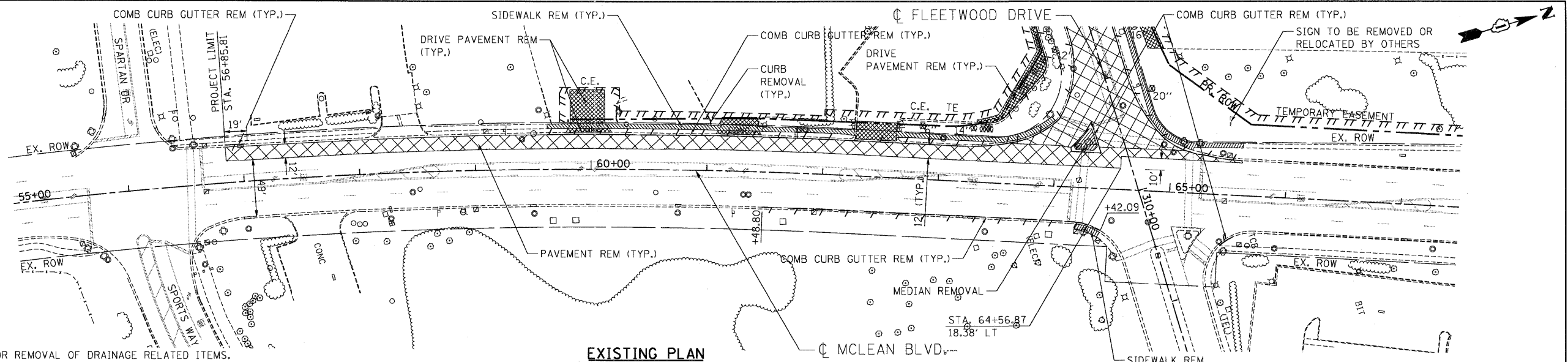
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-HB-2-BY-1	KANE	434	49
CONTRACT NO. 60K90				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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 ALIGNMENT CHECKED
 NOTE BOOK NO. OF WAY CHECKED
 PROJ. FILE NAME

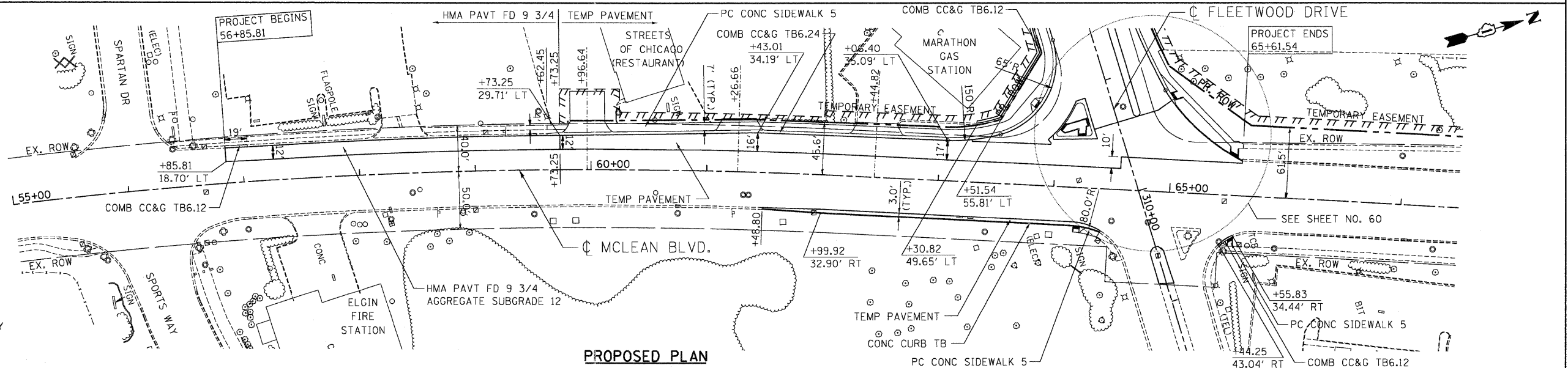
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 PROJ. FILE NAME

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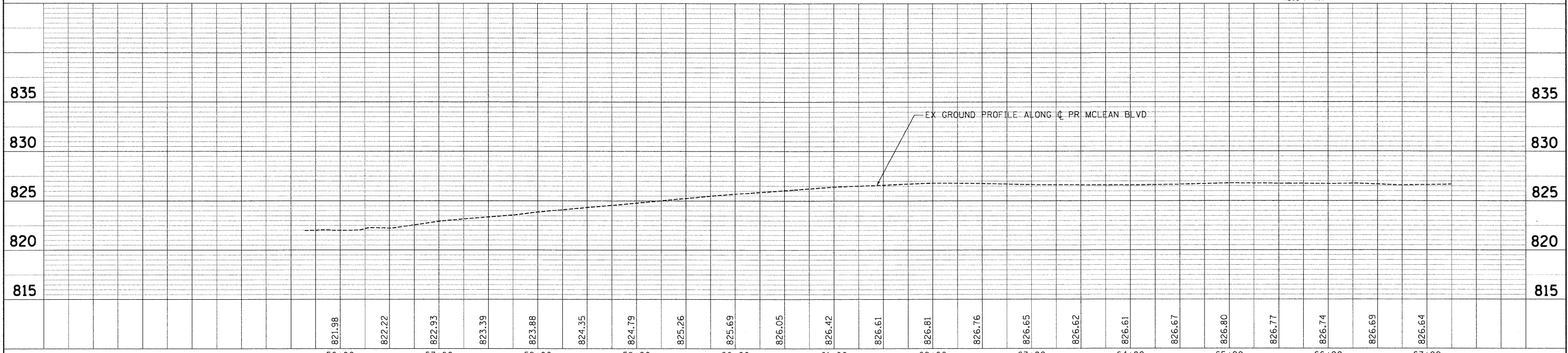
NOTE: SEE DRAINAGE AND UTILITY PLANS FOR REMOVAL OF DRAINAGE RELATED ITEMS.

EXISTING PLAN



NOTES
 SEE SHEET 61 FOR DRIVEWAY SCHEDULES.

PROPOSED PLAN

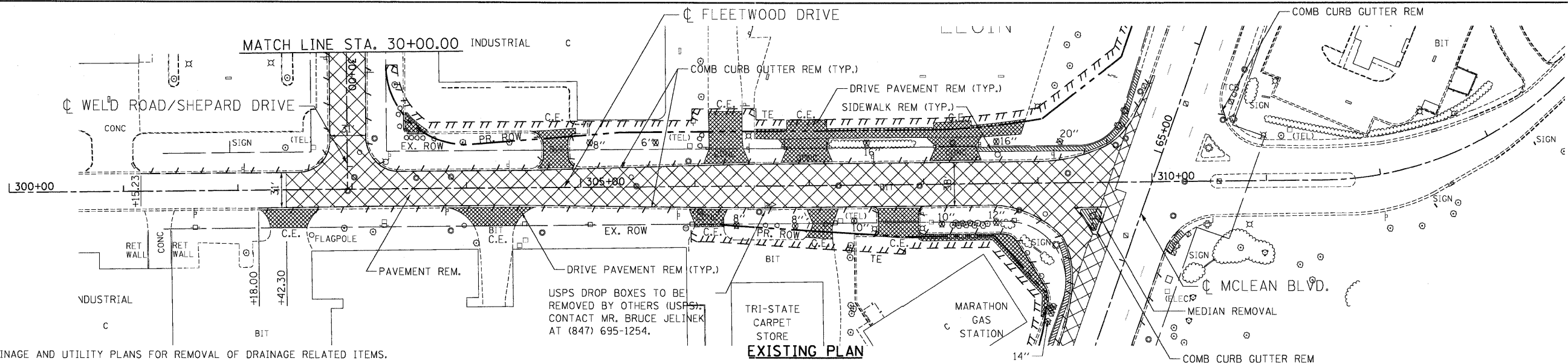


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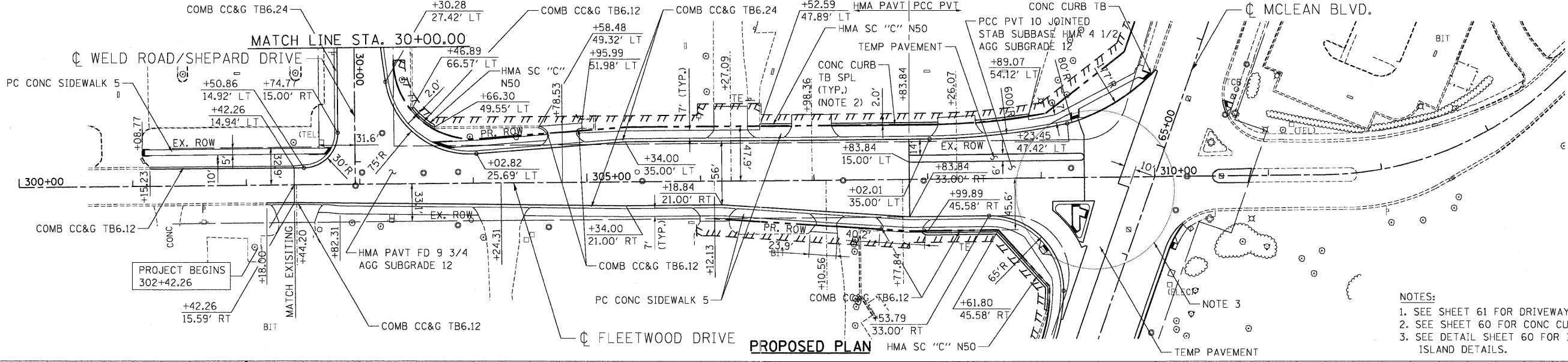
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 ALIGNED: _____
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 PLAN: _____
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 PROFILE: _____
 NOTE BOOK: _____
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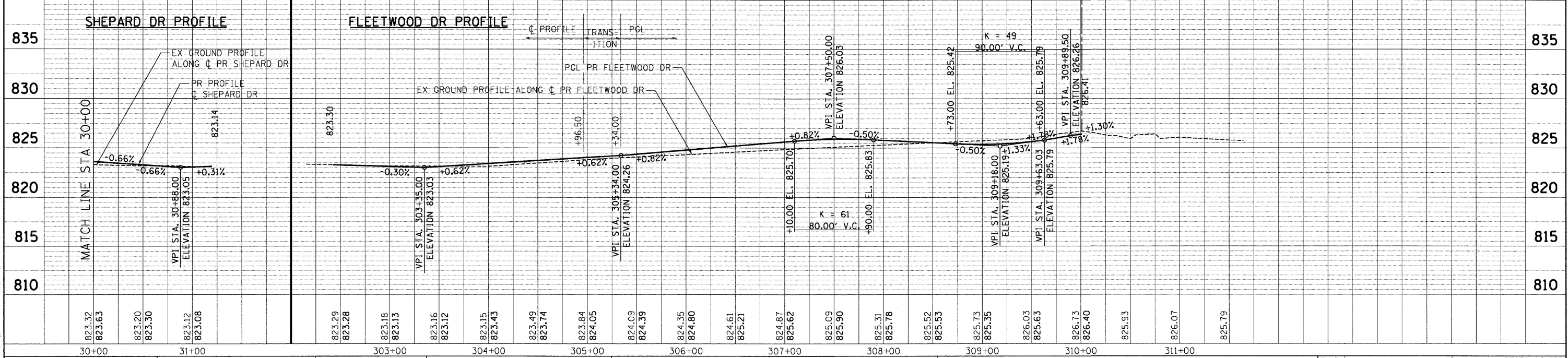
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 HAYWARD



NOTE: SEE DRAINAGE AND UTILITY PLANS FOR REMOVAL OF DRAINAGE RELATED ITEMS.



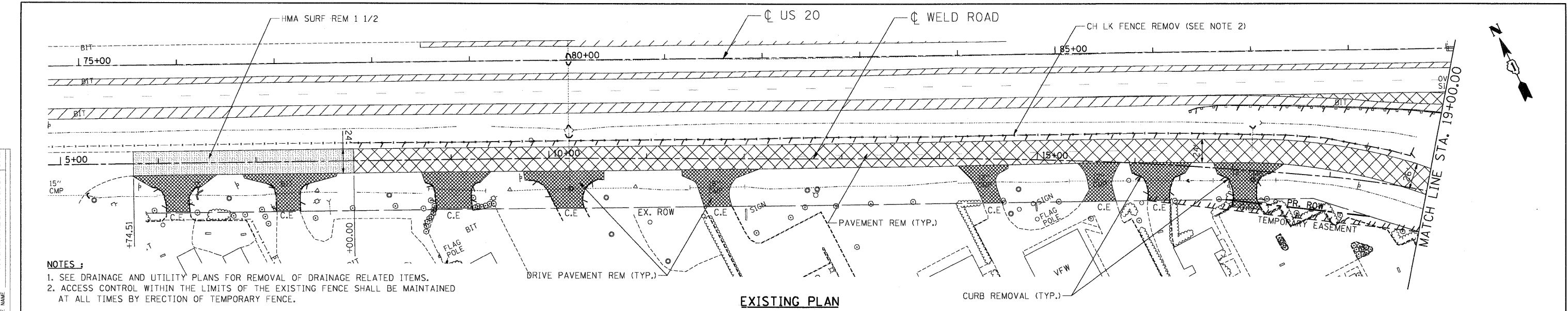
NOTES:
 1. SEE SHEET 61 FOR DRIVEWAY SCHEDULES.
 2. SEE SHEET 60 FOR CONC CURB TB SPL DETAIL.
 3. SEE DETAIL SHEET 60 FOR INTERSECTION AND ISLAND DETAILS.



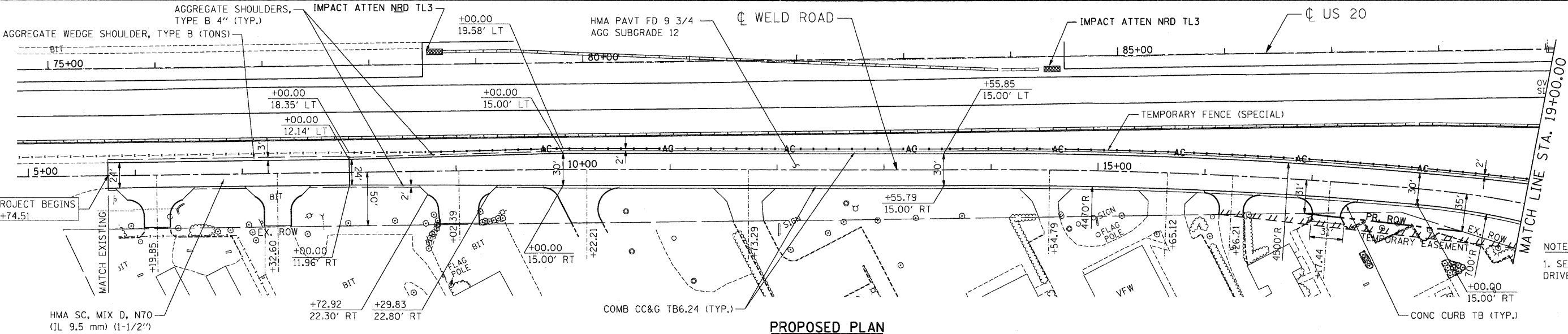
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		DATE - 05/18/11	REVISED -			SCALE: HORIZ. 1"=50' VERT. 1"=5'					

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 BY: _____
 SURVEYED: _____
 PLAN: _____
 NOTE BOOK: _____
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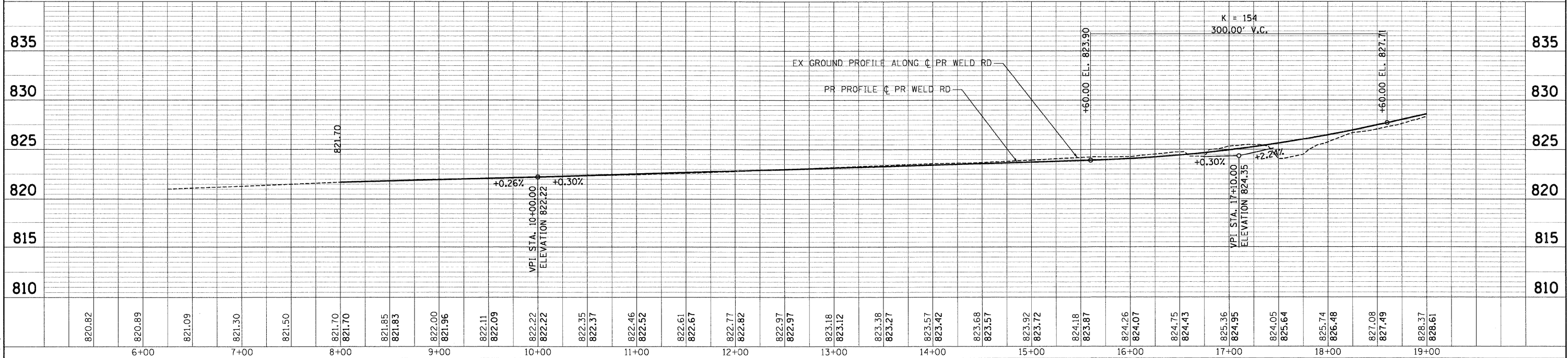
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 BY: _____
 PROFILE: _____
 NOTE BOOK: _____
 NO. _____



EXISTING PLAN



PROPOSED PLAN



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 345 / US ROUTE 20

ROADWAY PLAN AND PROFILE
WELD ROAD
 SCALE: HORIZ. 1"=50' VERT. 1"=5'
 STA. 8+00.00 TO STA. 19+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-HB-2-BY-1	KANE	434	52
CONTRACT NO. 60K90				

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 USER NAME: *USER*
 DESIGNED - MRK
 DRAWN - MRK
 CHECKED - DDH
 DATE - 05/18/11

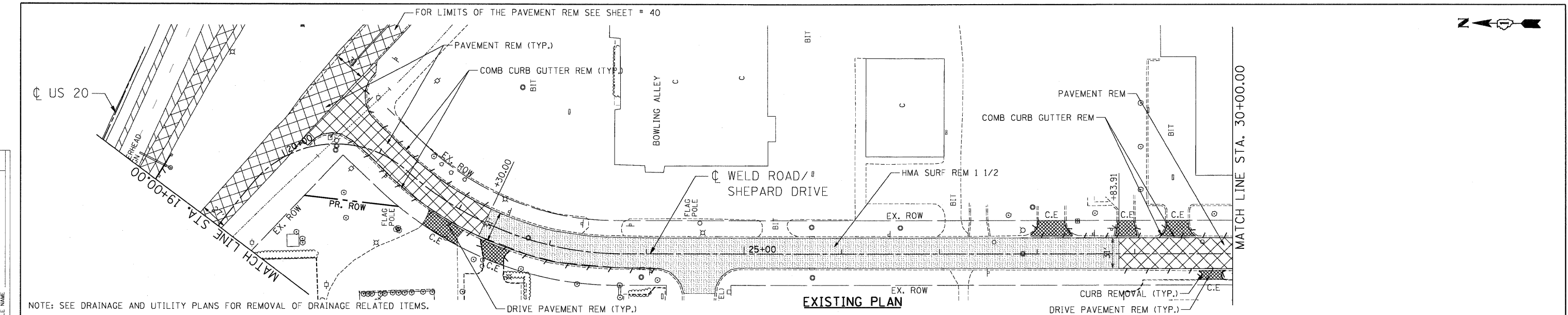
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TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

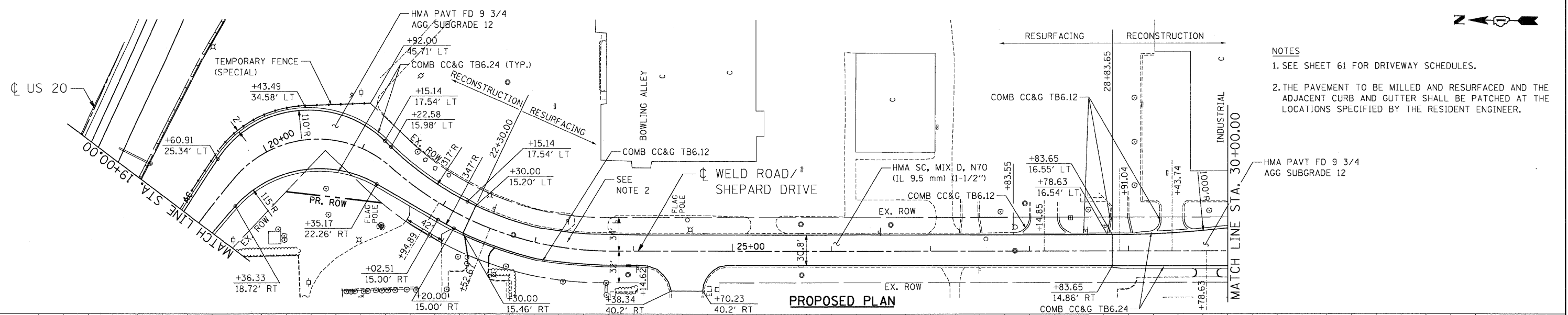
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PROFILE	DATE
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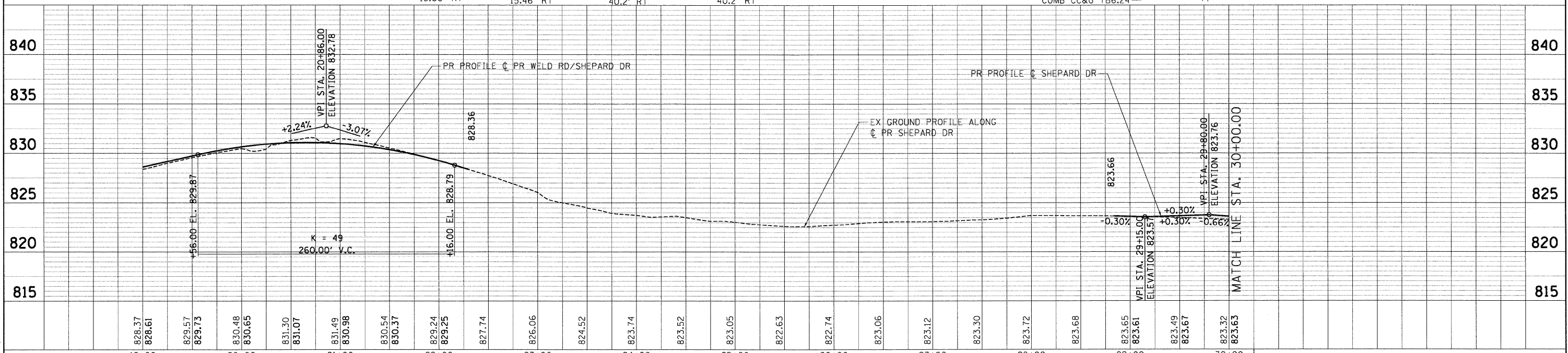
NOTE: SEE DRAINAGE AND UTILITY PLANS FOR REMOVAL OF DRAINAGE RELATED ITEMS.

EXISTING PLAN



PROPOSED PLAN

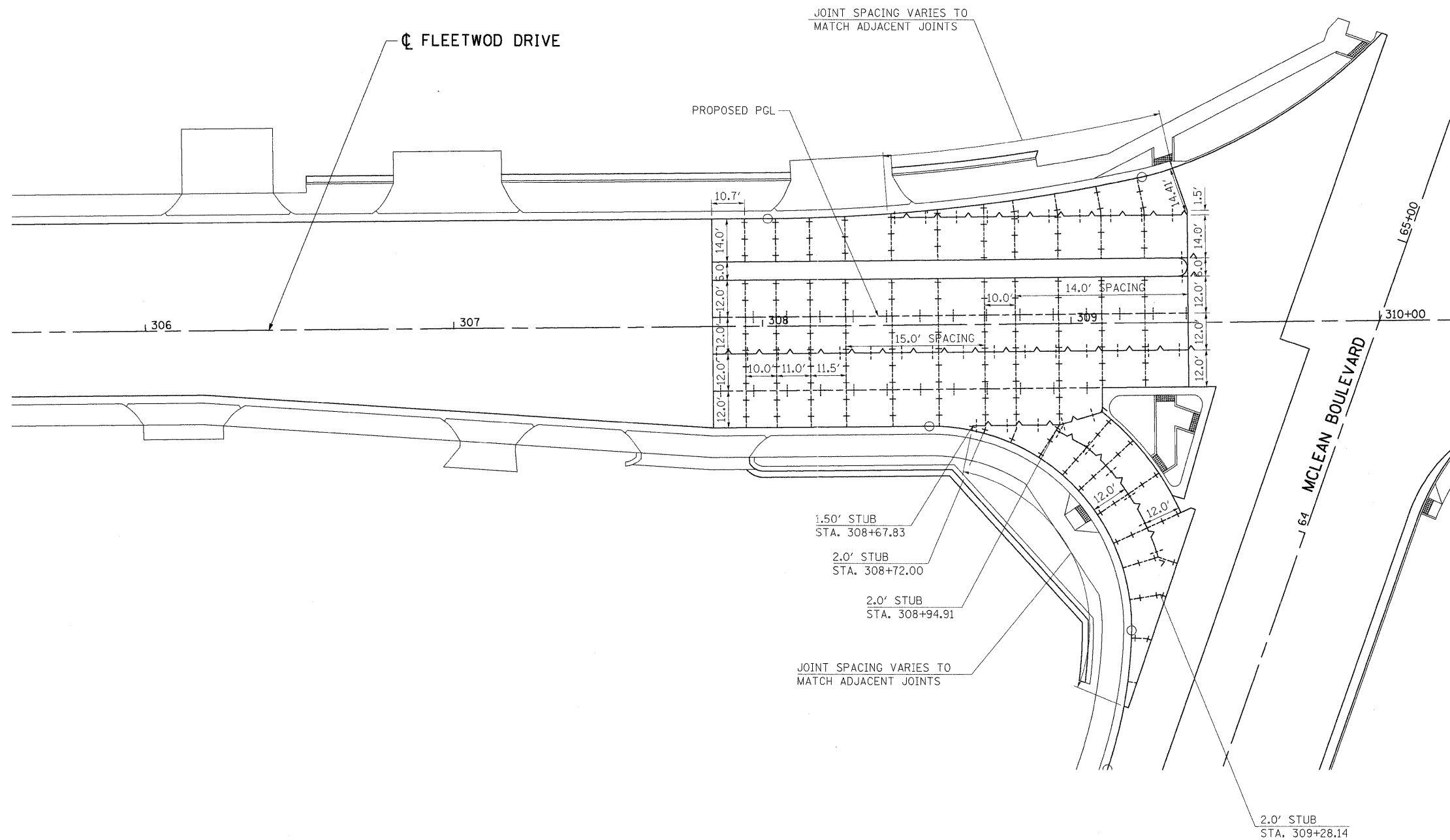
- NOTES**
- SEE SHEET 61 FOR DRIVEWAY SCHEDULES.
 - THE PAVEMENT TO BE MILLED AND RESURFACED AND THE ADJACENT CURB AND GUTTER SHALL BE PATCHED AT THE LOCATIONS SPECIFIED BY THE RESIDENT ENGINEER.



FILE NAME =	USER NAME = #USER#	DESIGNED - MRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20	ROADWAY PLAN AND PROFILE WELD ROAD / SHEPARD DRIVE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		DATE - 05/18/11	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
SCALE: HORIZ. 1"=50'					SCALE: VERT. 1"=5'		STA. 19+00.00 TO STA. 30+00.00				

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PAVEMENT JOINT LEGEND

- +—+—+— LONGITUDINAL KEYED JOINT WITHOUT TIE BARS
- +—+—+— LONGITUDINAL CONSTRUCTION JOINT WITH TIE BARS
- +—+—+— SAWED TRANSVERSE CONTRACTION JOINT
- +—+—+— SAWED LONGITUDINAL JOINT
- SAWED TRANSVERSE CONTRACTION JOINT W/IN PCC SHOULDER
- TRANSVERSE EXPANSION JOINT
- ===== PAVEMENT SEPARATION JOINT

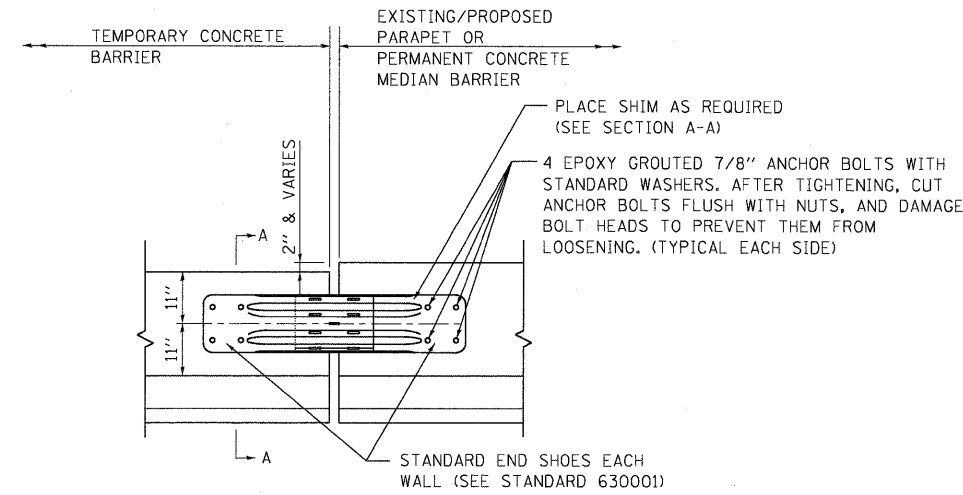
NOTES

1. SEE HIGHWAY STD 420001, 420306 & 420206 FOR PAVEMENT JOINT DETAILS.
2. LONGITUDINAL CONSTRUCTION JOINTS W/ TIE BARS SHALL BE PLACED BETWEEN PCC PAVEMENT AND PCC SHOULDER, NOT SHOWN FOR CLARITY.
3. MAINLINE AND RAMP CRCP PAVEMENT REINFORCEMENT & JOINTS ARE NOT SHOWN FOR CLARITY. SEE STD 421201 AND 420606.
4. NOSE LOCATION SHALL BE ALIGNED WITH MAINLINE SHOULDER TRANSVERSE JOINT.
5. ADDITIONAL SAWED TRANSVERSE CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.
6. CONCRETE STUBS SHALL HAVE A 1' MINIMUM WIDTH.

.\\D:\60K90-LEGEND.DGN, .\\D:\60K90-ALIGNMENT.DGN, .\\D:\60K90-DESIGN.DGN, .\\D:\60K90-PVMT.JNT.01.DGN, .\\D:\60K90-BORDER.DGN, .\\D:\60K90-CHAD.DGN, .\\D:\60K90-CIVIL.DGN, .\\D:\60K90-CHAD.DGN, .\\D:\60K90-SHEET.DGN, .\\D:\60K90-SHT-PVMT.JNT.01.DGN
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		DRAWN - JP	REVISED -		SCALE: 1"=20'	SHEET NO.	OF	SHEETS	STA.	TO STA.	KANE	434	56
		CHECKED - DDH	REVISED -		DATE				FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		DATE - 05/18/11	REVISED -								CONTRACT NO. 60K90		

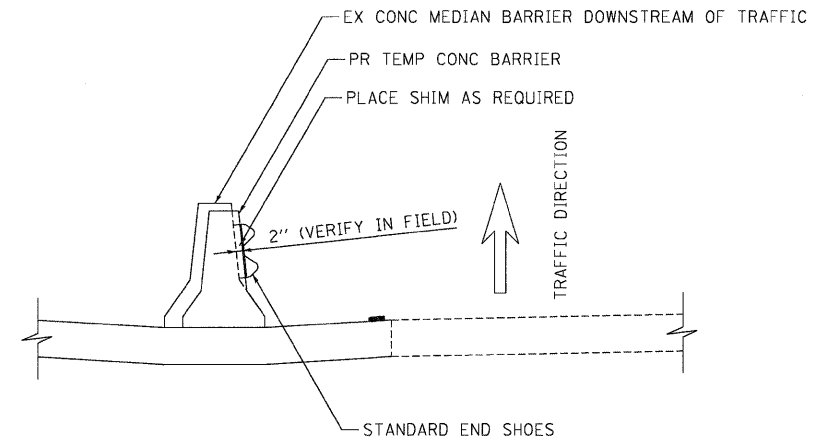




CONNECTION DETAIL

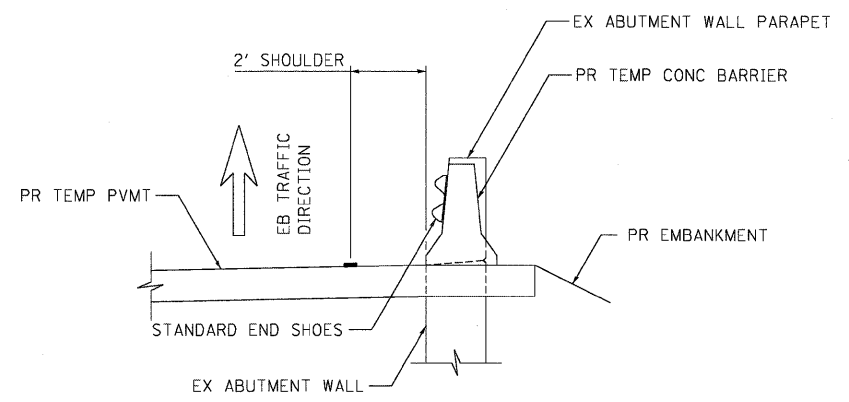
CONNECTION OF TEMPORARY CONCRETE BARRIER WALL TO THE EXISTING/PROPOSED PARAPET OR CONCRETE MEDIAN BARRIER WALL WILL NOT BE PAID FOR SEPARATELY. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY CONCRETE BARRIER (INSTALL ONLY) OR RELOCATE TEMPORARY CONCRETE BARRIER AS APPLICABLE.

NOTE: DETAIL IS SHOWN FOR INSTANCE WHEN TRAFFIC IS TO THE RIGHT OF THE CONNECTION. USE OPPOSITE HAND WHEN TRAFFIC IS TO THE LEFT OF THE CONNECTION.

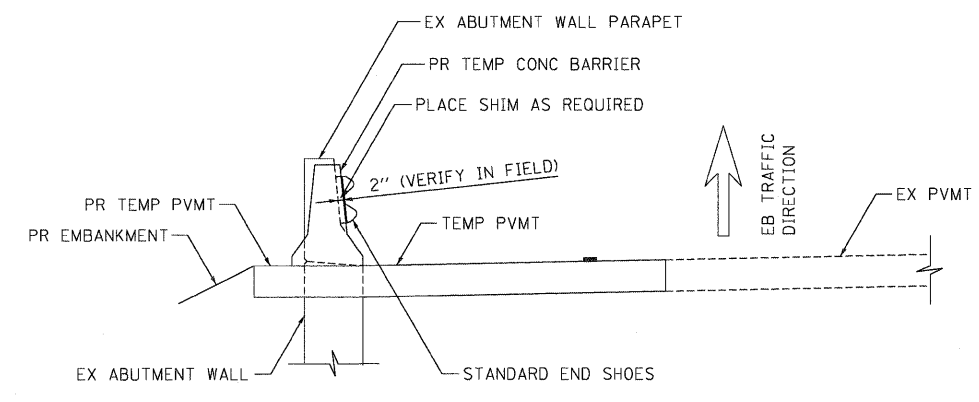


SECTION A-A

CONNECTION BETWEEN TEMPORARY CONCRETE BARRIER AND EXISTING CONCRETE MEDIAN BARRIER



CONNECTION BETWEEN TEMPORARY CONCRETE BARRIER AND PROPOSED ABUTMENT WALL PARAPET



SECTION A-A

CONNECTION BETWEEN TEMPORARY CONCRETE BARRIER AND EXISTING ABUTMENT WALL PARAPET

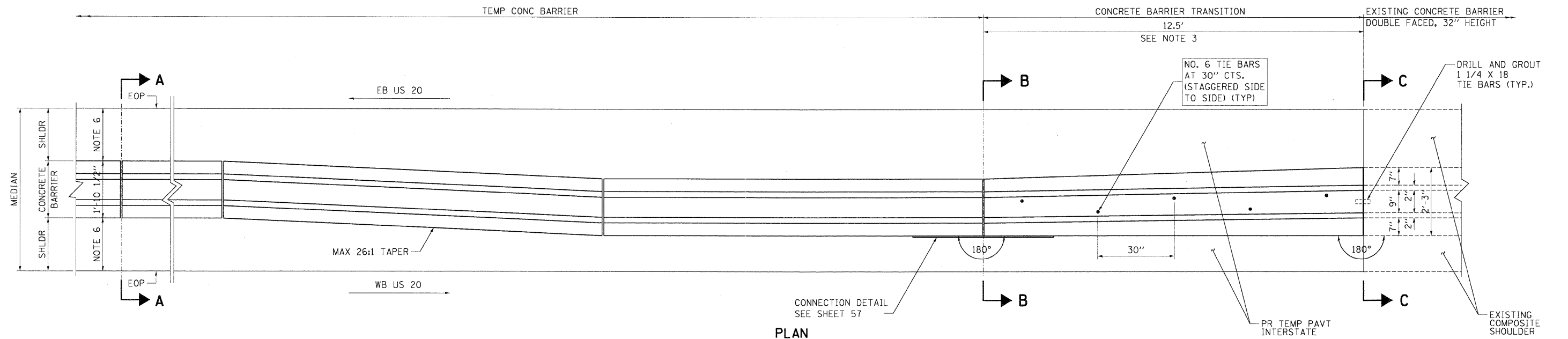
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 TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS

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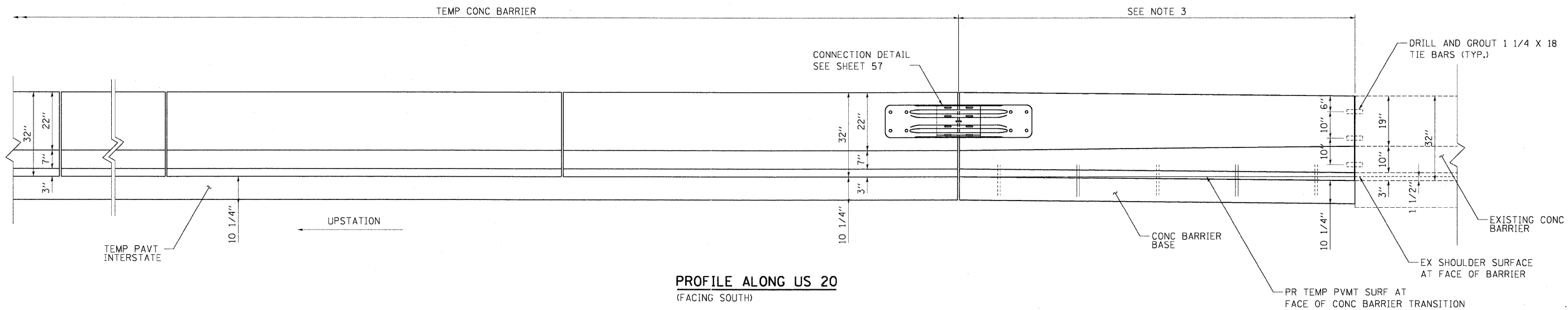
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 345 / US ROUTE 20

ROADWAY DETAILS			
TEMPORARY CONCRETE BARRIER CONNECTION DETAILS			
SCALE: scale	SHEET NO.	OF	SHEETS
STA. from station TO	STA. to station		

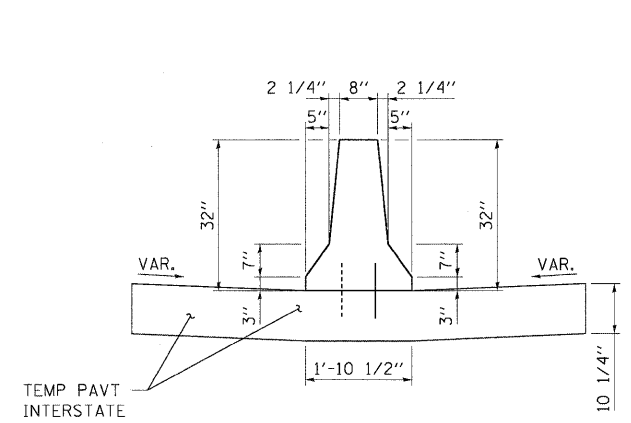
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60K90				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



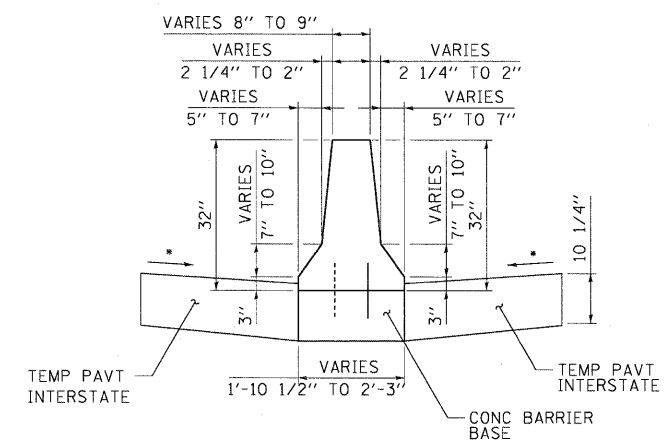
PLAN



PROFILE ALONG US 20
(FACING SOUTH)

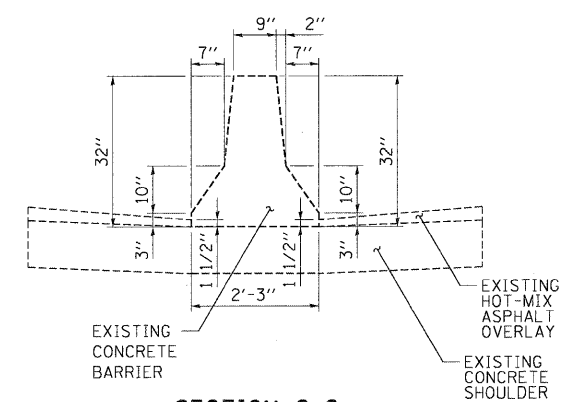


SECTION A-A



SECTION B-B

MATCH EXISTING CROSS SLOPE AT SECTION C-C



SECTION C-C

NOTES:

- FOR ADDITIONAL SHOULDER DETAILS, SEE TYPICAL SECTIONS.
- FOR ADDITIONAL CONCRETE BARRIER, DOUBLE FACE, 32" HEIGHT DETAILS SEE STANDARD 637001.
- THE CONTRACTOR SHALL VERIFY THE DIMENSIONS OF THE EXISTING CONCRETE BARRIER AND THE LENGTH OF THE TRANSITION, AND SHALL SUBMIT ANY NECESSARY REVISIONS TO THE CONCRETE BARRIER TRANSITION THAT ARE REQUIRED TO MATCH THE EXISTING BARRIER TO THE ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTING THE TRANSITION. THE MAXIMUM LENGTH OF THE TRANSITION SHALL BE 12.5 FEET.
- ALL REINFORCING BARS, BAR SPLICERS, TIE BARS, AND DOWEL BARS SHALL BE SEATED IN THE FINAL POSITION PRIOR TO THE CONCRETE OPERATIONS. BARS SHALL NOT BE MUCKED INTO PLACE.
- THE COST OF FURNISHING AND PLACING TIE BARS AND DOWEL BARS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "CONCRETE BARRIER TRANSITION."
- CENTER THE TEMPORARY CONCRETE BARRIER WITHIN MEDIAN.

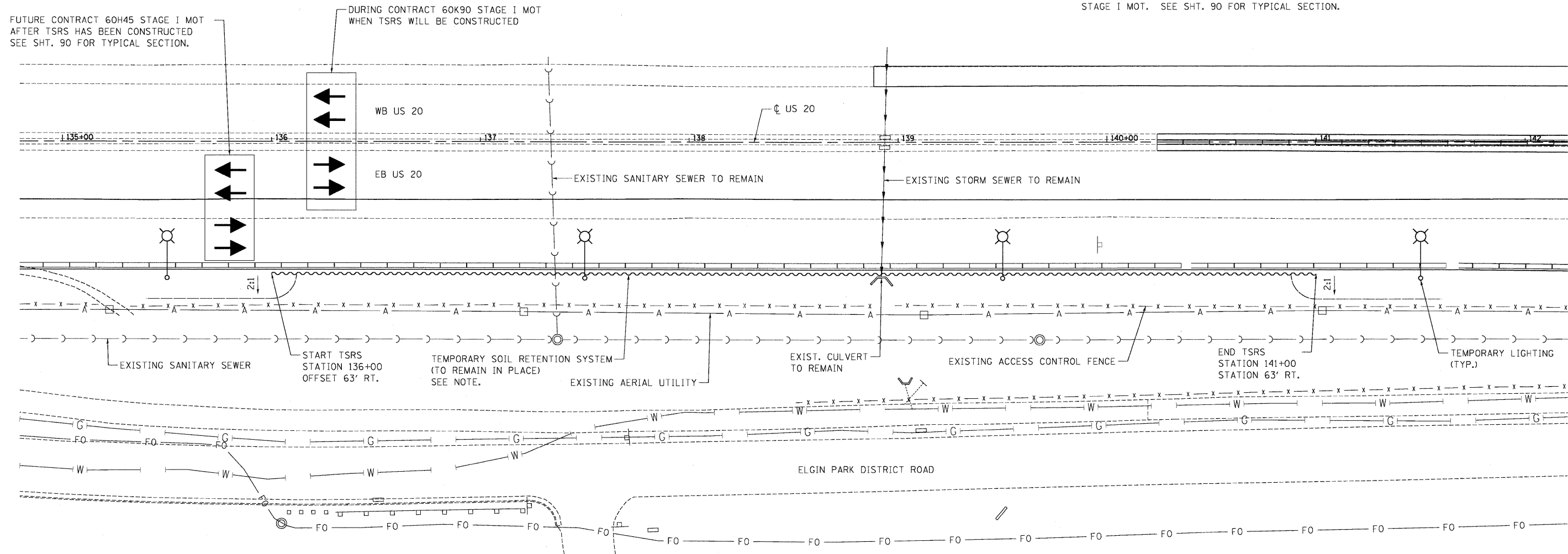
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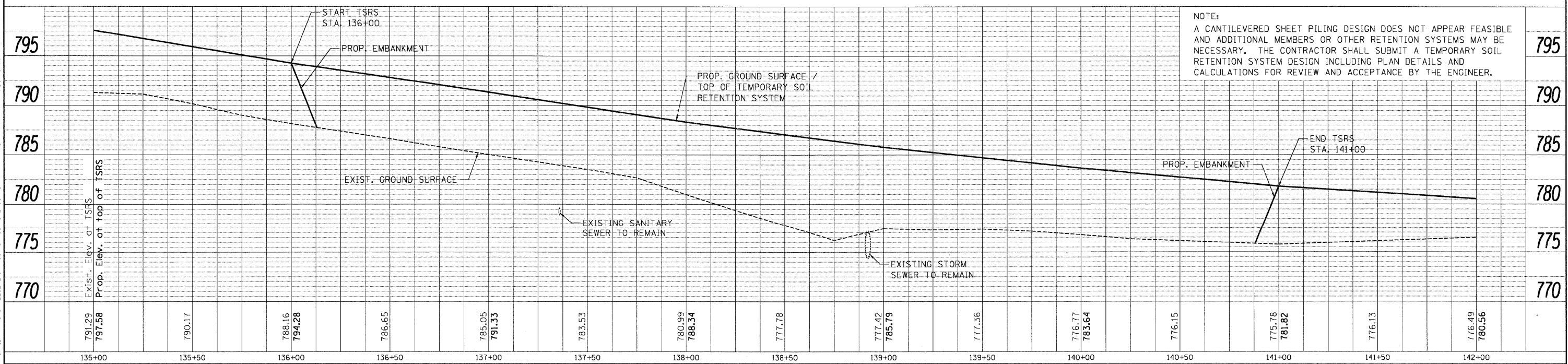




NOTE: TSRS = TEMPORARY SOIL RETENTION SYSTEM (TO REMAIN IN PLACE)
 TSRS TO BE DESIGNED TO ACCOMMODATE FUTURE CONTRACT 60H45
 STAGE I MOT. SEE SHT. 90 FOR TYPICAL SECTION.



PLAN



NOTE:
 A CANTILEVERED SHEET PILING DESIGN DOES NOT APPEAR FEASIBLE AND ADDITIONAL MEMBERS OR OTHER RETENTION SYSTEMS MAY BE NECESSARY. THE CONTRACTOR SHALL SUBMIT A TEMPORARY SOIL RETENTION SYSTEM DESIGN INCLUDING PLAN DETAILS AND CALCULATIONS FOR REVIEW AND ACCEPTANCE BY THE ENGINEER.

DATE	
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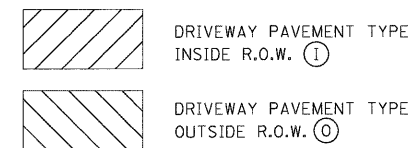
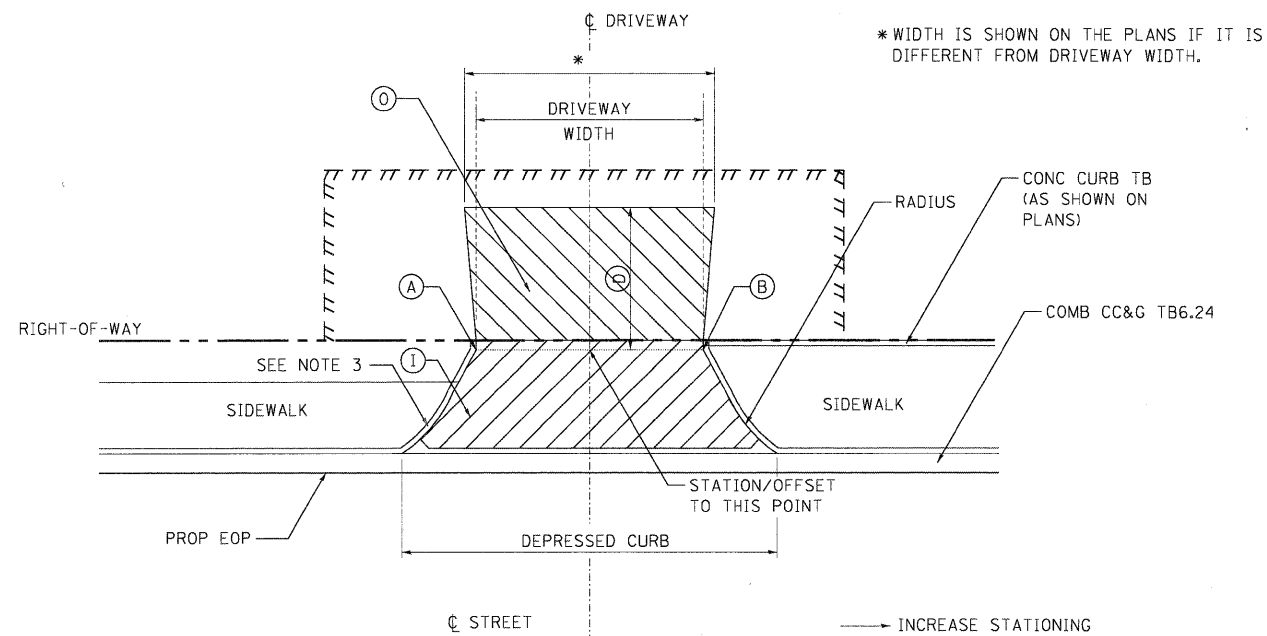
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PLOT DATE = #DATE#	DATE - 05/18/11	REVISED -										

DRIVEWAY SCHEDULE

STREET	STATION	OFF	L/R	DRIVEWAY TYPE	DRIVEWAY WIDTH	RADIUS	(A)	(B)	(D)	DRIVEWAY PAVEMENT (1)	PAVEMENT OUTSIDE R.O.W. (0)
MCLEAN BLVD	59+96.64	41.6'	LT	CE	30.0'	15'	59+81.88	60+11.41	26.4'	PCC	HMA
MCLEAN BLVD	61+26.66	46.2'	LT	CE	30.0'	5'	61+11.83	61+41.48	1.0'	PCC	HMA
MCLEAN BLVD	62+44.82	40.0'	LT	CE	35.0'	5'	62+27.37	62+62.30	1.0'	PCC	HMA
FLEETWOOD DR	302+44.20	32.1'	RT	CE	31.8'	15'	302+28.28	302+60.12	1.0'	HMA	-
FLEETWOOD DR	304+24.31	33.1'	RT	CE	36.0'	15'	304+06.28	304+42.35	0.0'	HMA	-
FLEETWOOD DR	304+78.53	40.7'	LT	CE	25.0'	15'	304+66.32	304+91.26	10.0'	HMA	HMA
FLEETWOOD DR	306+12.13	30.8'	RT	CE	25.9'	15'	305+99.18	306+25.09	4.5'	PCC	HMA
FLEETWOOD DR	306+27.09	44.6'	LT	CE	29.5'	15'	306+12.32	306+41.86	21.0'	PCC	HMA
FLEETWOOD DR	306+98.36	47.3'	LT	CE	35.0'	15'	306+80.86	307+15.86	10.3'	PCC	HMA
FLEETWOOD DR	307+10.56	39.3'	RT	CE	18.0'	15'	307+01.58	307+19.53	6.8'	PCC	HMA
FLEETWOOD DR	307+77.84	43.7'	RT	CE	35.2'	15'	307+60.23	307+95.44	4.0'	PCC	HMA
FLEETWOOD DR	308+26.07	48.0'	LT	CE	32.8'	15'	308+09.65	308+42.48	6.6'	PCC	HMA
WELD RD	6+19.85	48.9'	RT	CE	23.8'	15'	6+07.95	6+31.76	0.0'	HMA	-
WELD RD	7+32.60	49.0'	RT	CE	24.4'	15'	7+20.39	7+44.71	0.0'	HMA	-
WELD RD	9+02.39	49.3'	RT	CE	36.3'	15'	8+84.23	9+20.55	0.0'	HMA	-
WELD RD	10+22.21	49.9'	RT	CE	28.3'	15'/20'	10+08.07	10+36.36	0.0'	HMA	-
WELD RD	11+73.29	48.1'	RT	CE	28.0'	-	11+59.31	11+87.27	0.0'	HMA	-
WELD RD	14+54.79	44.2'	RT	CE	19.4'	-	14+45.02	14+64.56	0.0'	HMA	-
WELD RD	15+65.12	39.9'	RT	CE	34.4'	-	15+47.80	15+82.44	0.0'	HMA	-
WELD RD	16+26.21	36.4'	RT	CE	22.5'	15'	16+14.90	16+32.51	0.0'	HMA	-
WELD RD	17+15.89	32.0'	RT	CE	25.6'	15'	17+03.01	12+28.76	0.0'	HMA	-
SHEPARD DR	21+94.89	34.1'	RT	CE	37.6'	-	21+77.46	22+12.33	0.0'	HMA	-
SHEPARD DR	22+52.67	33.5'	RT	CE	22'	15'	22+42.67	22+62.67	0.0'	PCC	-
SHEPARD DR	28+14.85	34.3'	LT	CE	27'	16'	28+01.35	28+28.35	0.0'	PCC	-
SHEPARD DR	28+91.04	34.3'	LT	CE	16.1'	-	28+83.00	28+99.00	0.0'	PCC	-
SHEPARD DR	29+43.74	34.4'	LT	CE	21.8'	13'	29+32.80	29+54.67	0.0'	HMA	-
SHEPARD DR	29+78.63	26.1'	RT	CE	25.2'	4.8'	29+66.02	29+91.24	0.0'	HMA	-



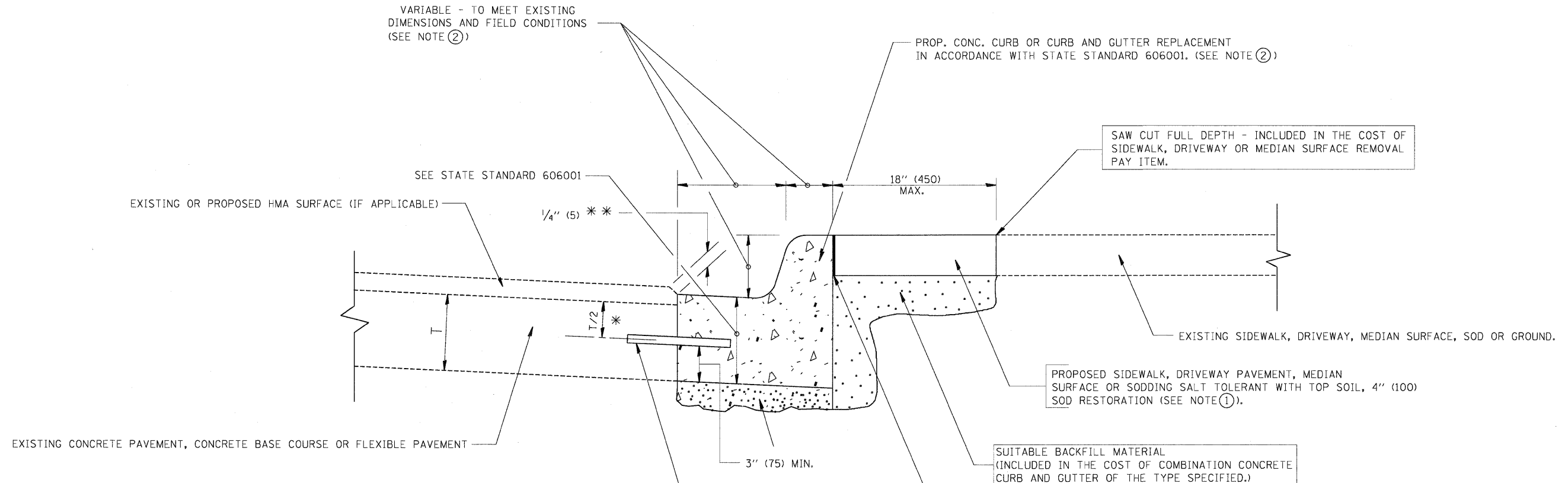
TYPICAL COMMERCIAL URBAN DRIVEWAY

NOTES:

- ALL DRIVEWAYS SHALL BE IN ACCORDANCE WITH IDOT DISTRICT ONE STANDARDS BD-01 AND BD-02 AND THE LATEST EDITION OF THE HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS.
- ALL THE DRIVEWAY PAVEMENT THICKNESSES FOR PCC AND HMA SHALL BE IN ACCORDANCE WITH IDOT DISTRICT ONE STANDARDS BD-01 AND BD-02.
- SEE PLANS FOR WHETHER THE CURB IS PRESENT OR NOT. THE CURB SHALL BE "CONC CURB TB" UNLESS OTHERWISE SPECIFIED ON THE PLANS.

\S:\6044\AM\VAULT\IDTRANS\07\2202\2379\08\CIVIL\CAD\606\98\SHEET\01606\98_SIT.ROAD.DWG.DWG
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 12-20-11 10:06:11
 12-20-11 10:06:11
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

FILE NAME =	USER NAME = #USER#	DESIGNED - MRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20	ROADWAY DETAILS DRIVEWAY SCHEDULE DRIVEWAY DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - MRK	REVISED -		345	8R-HB-2-BY-1	KANE	434	61			
PLOT SCALE = #SCALE#		CHECKED - DDH	REVISED -		CONTRACT NO. 60K90							
PLOT DATE = #DATE#		DATE - 05/18/11	REVISED -		SCALE: N.T.S.	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



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

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

- NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.
- SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.
- ② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED
- ③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- ④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
- ⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF "COMBINATION CONCRETE CURB AND GUTTER OF THE TYPE SPECIFIED."
- ⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF COMBINATION CURB AND GUTTER REMOVAL.
- ⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
- ⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

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

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

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

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

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

BASIS OF PAYMENT:
THE REMOVAL OF THE EXISTING CURB OR CURB AND GUTTER WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "COMBINATION CURB AND GUTTER REMOVAL." THE REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "COMBINATION CONCRETE CURB AND GUTTER OF THE TYPE SPECIFIED."

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP ROUTE 345 / US ROUTE 20

ROADWAY DETAILS
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-HB-2-BY-1	KANE	434	62
CONTRACT NO. 60K90				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

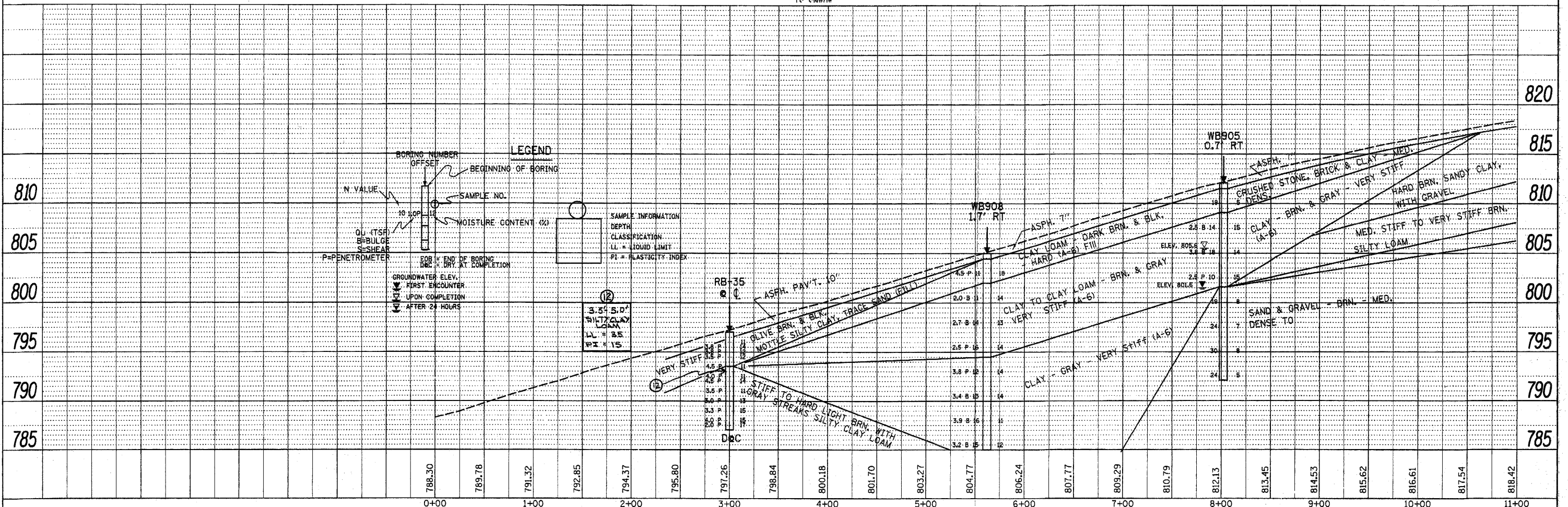
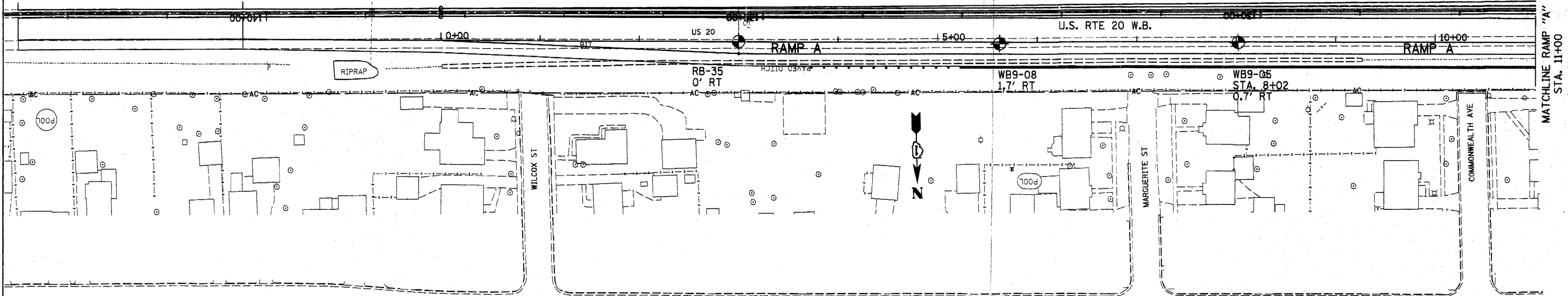
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PLOT SCALE = #SCALE#			
PLOT DATE = #DATE#			

TENG TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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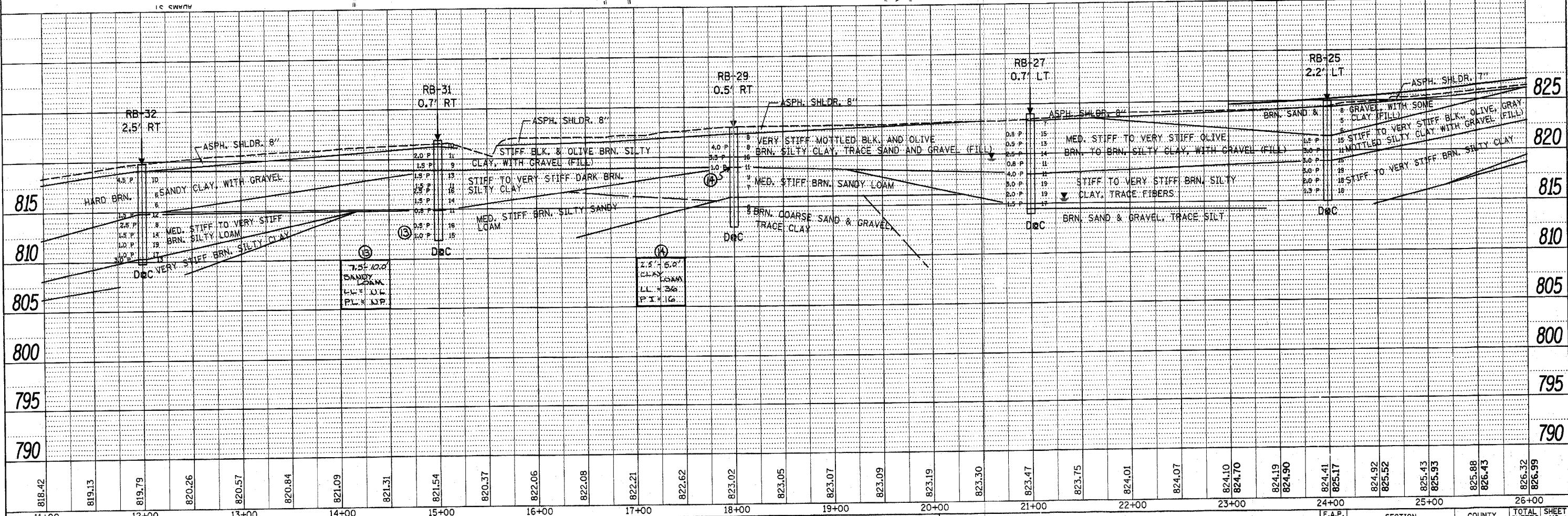
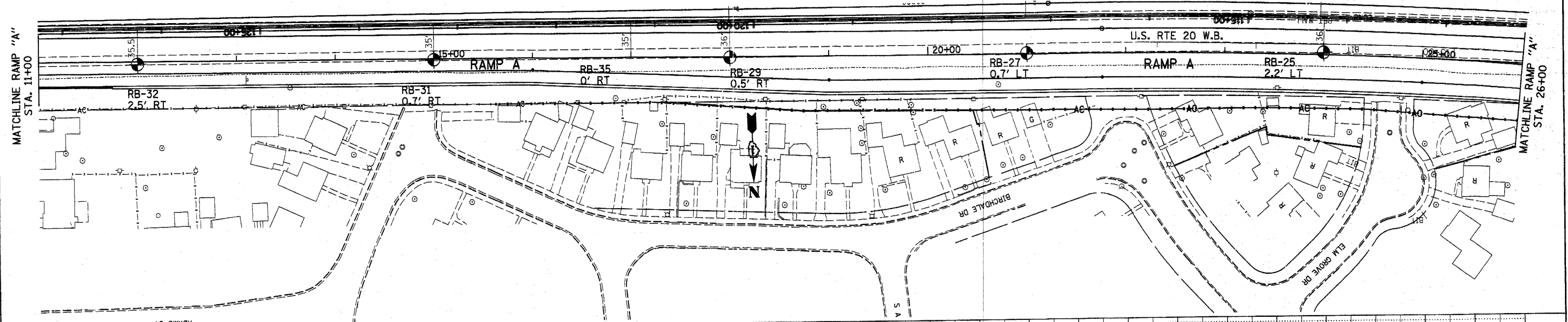
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OFFSET	—
BEGINNING OF BORING	—
SAMPLE NO.	○
MOISTURE CONTENT (%)	○
Q (TSF)	○
EBBULGE	○
SEISMIC	○
P-PENETROMETER	○
BOB END OF BORING	○
DRG. = BRY. AT COMPLETION	○
GROUNDWATER ELEV.	○
FIRST ENCOUNTER	○
UPON COMPLETION	○
AFTER 24 HOURS	○

SAMPLE INFORMATION

DEPTH	3.5'
CLASSIFICATION	CLAY
LI. = LIQUID LIMIT	85
PI = PLASTICITY INDEX	15

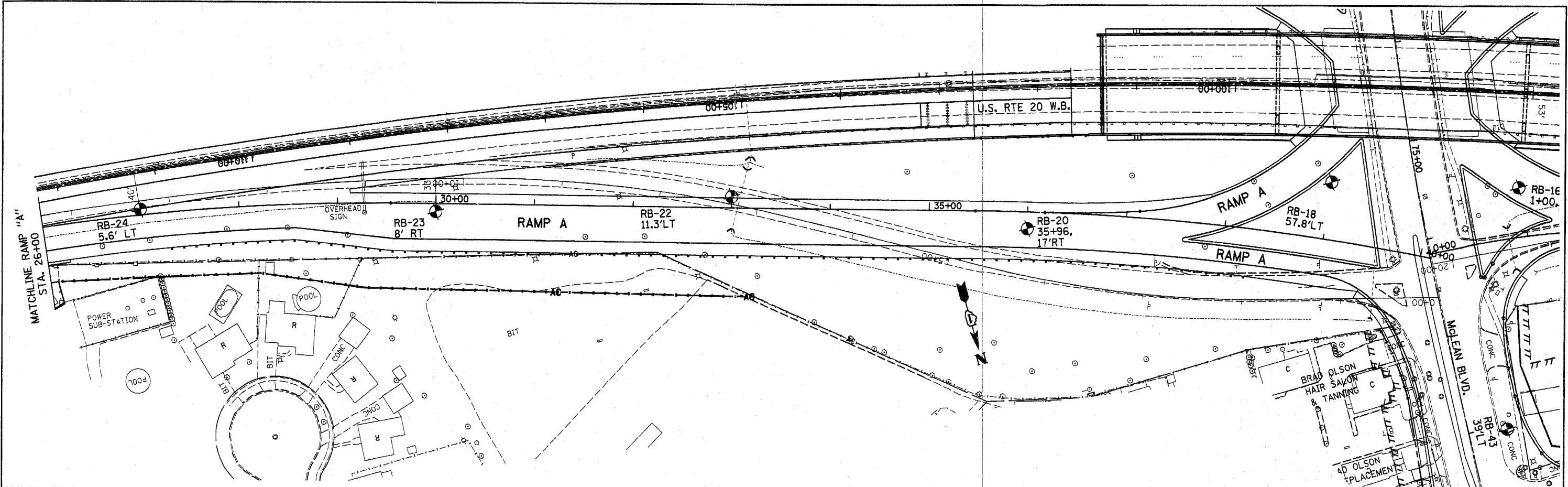
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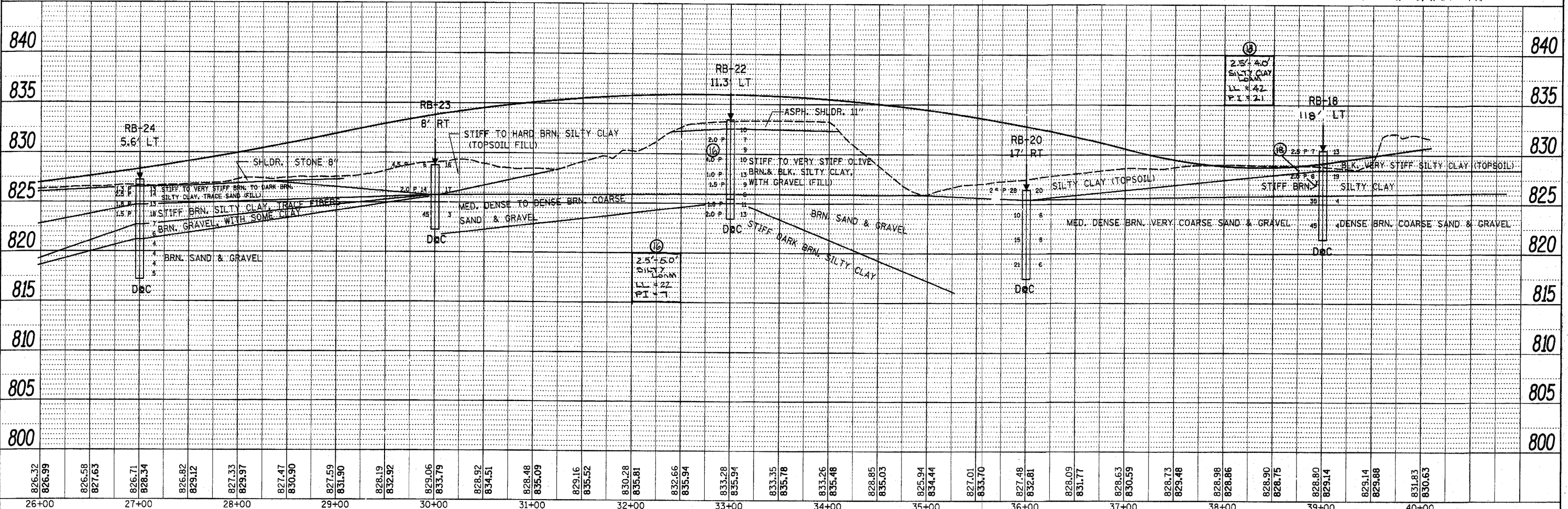


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PLOT DATE = 10/28/2010		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

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	NOTATION CHD		



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

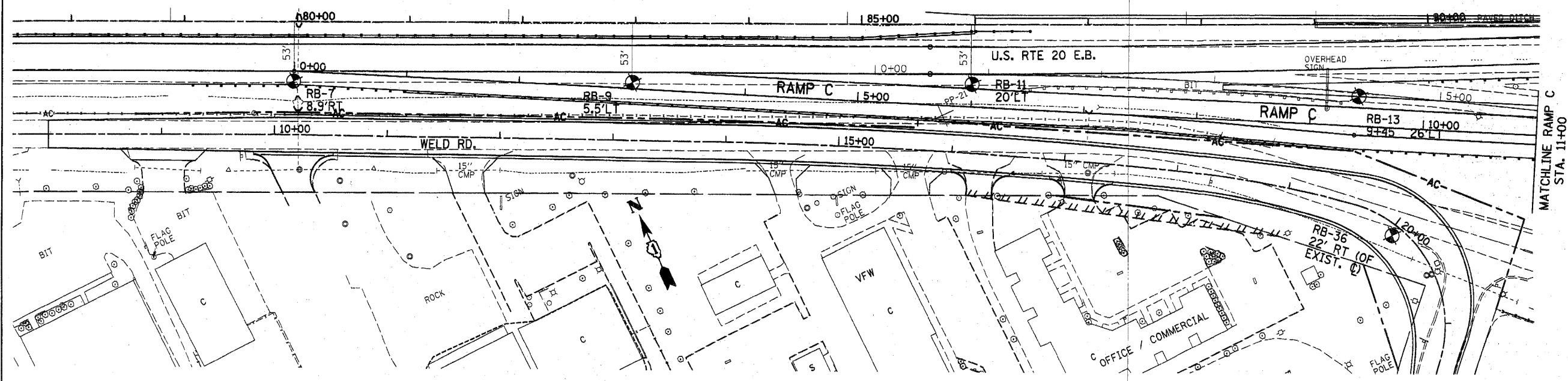
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RAMP "A" (U.S. RTE. 20)**

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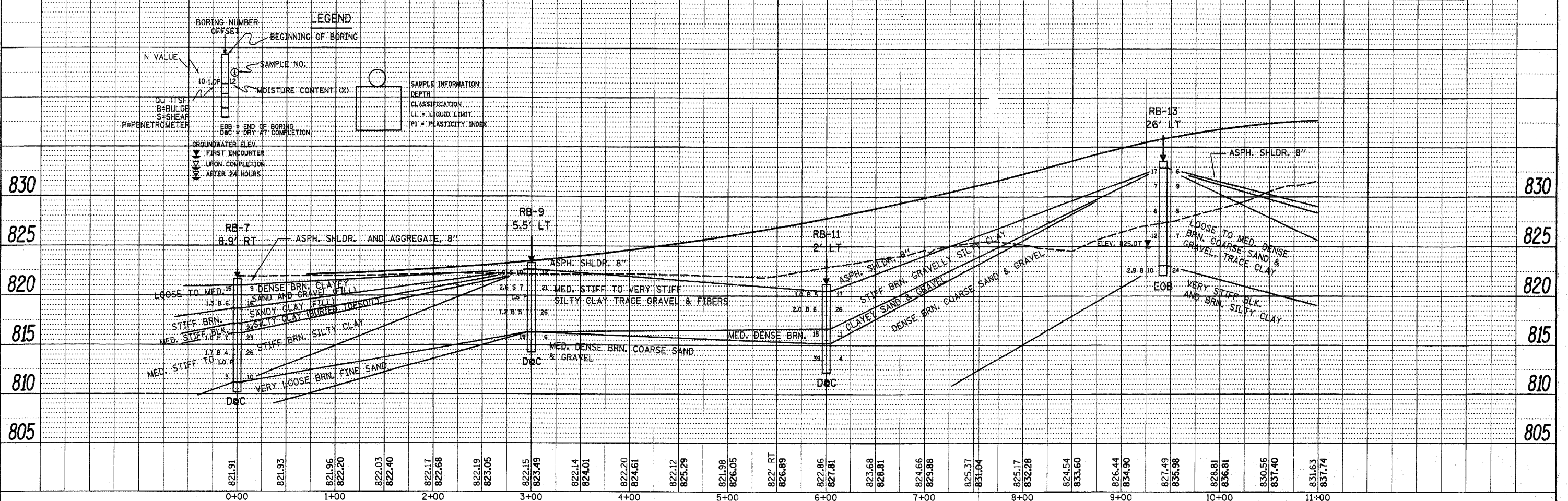
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F.A.P. R.T.E. 345	SECTION 8R-HB-2-BY-1	COUNTY KANE	TOTAL SHEETS 434	SHEET NO. 65
CONTRACT NO. 60K90				ILLINOIS FED. AID PROJECT

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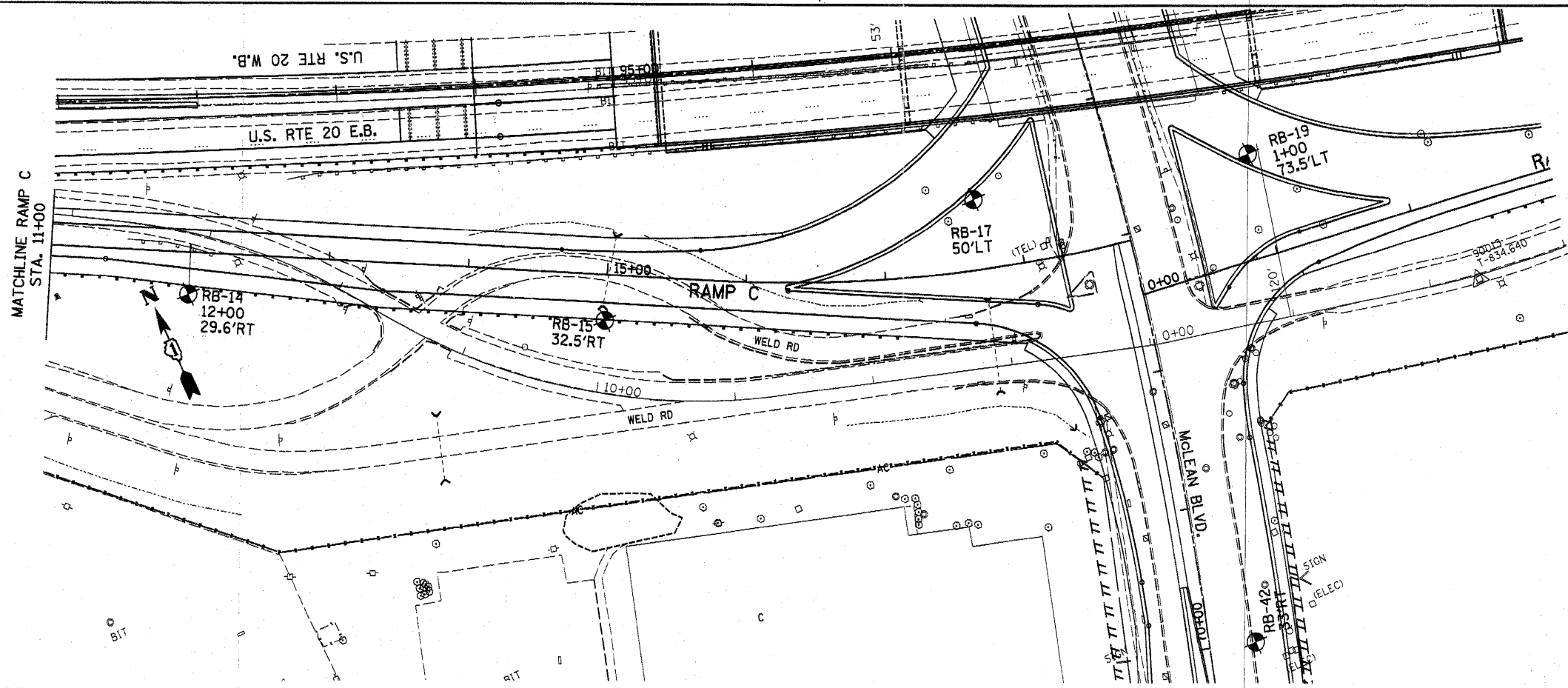


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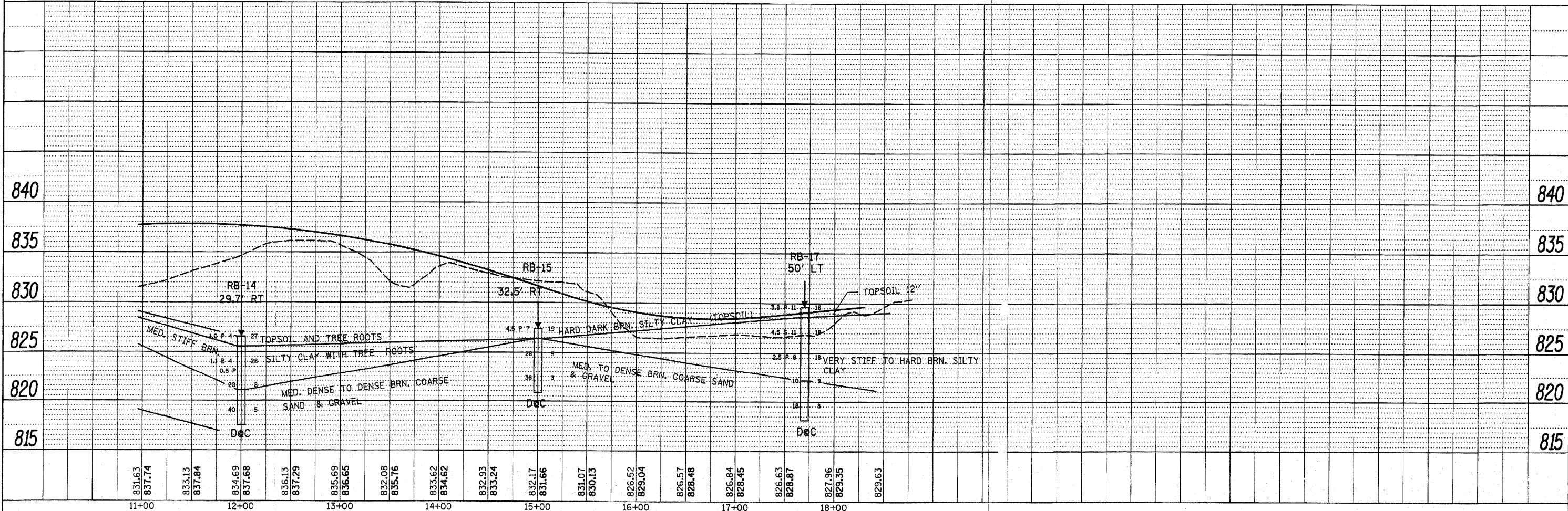


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PLOT DATE = 10/28/2010		DATE	REVISED					ILLINOIS FED. AID PROJECT				

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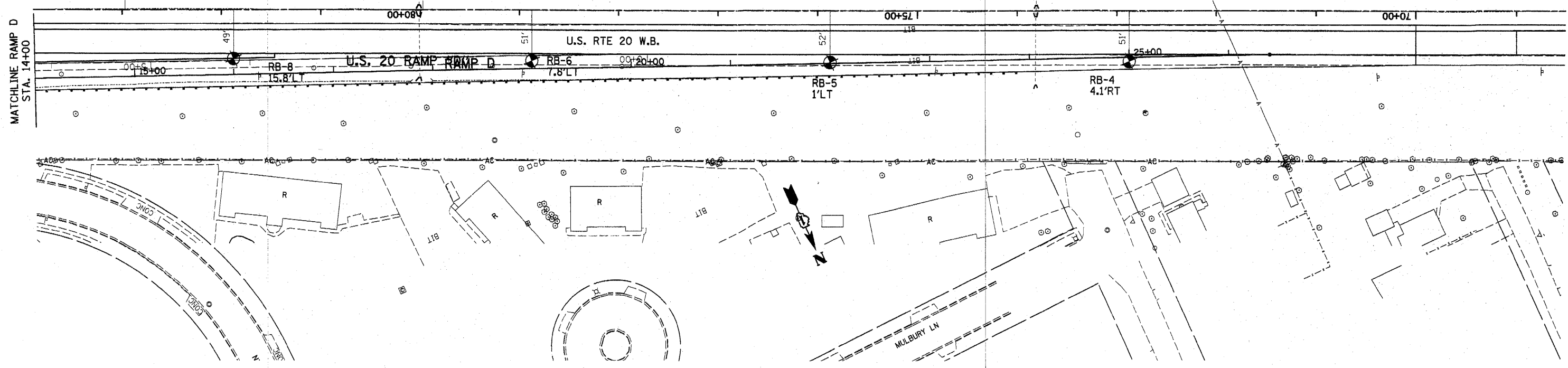


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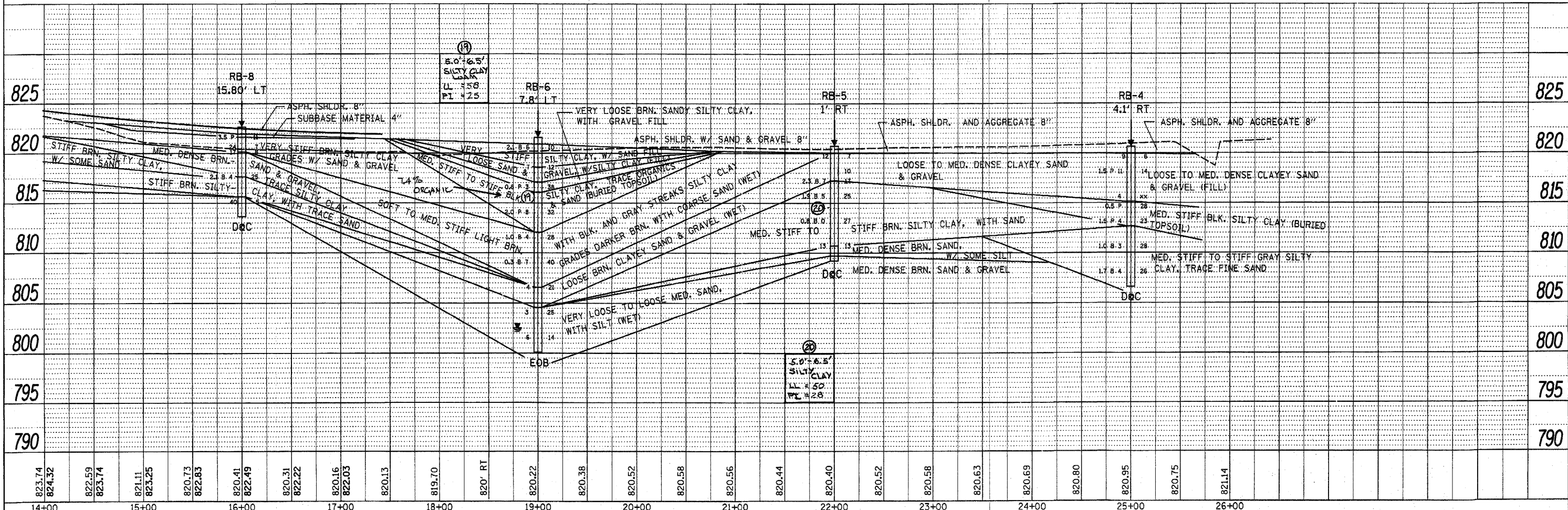


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PLOT DATE = 10/26/2010	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOILS PLAN AND PROFILE
RAMP "D" (U.S. RTE. 20)

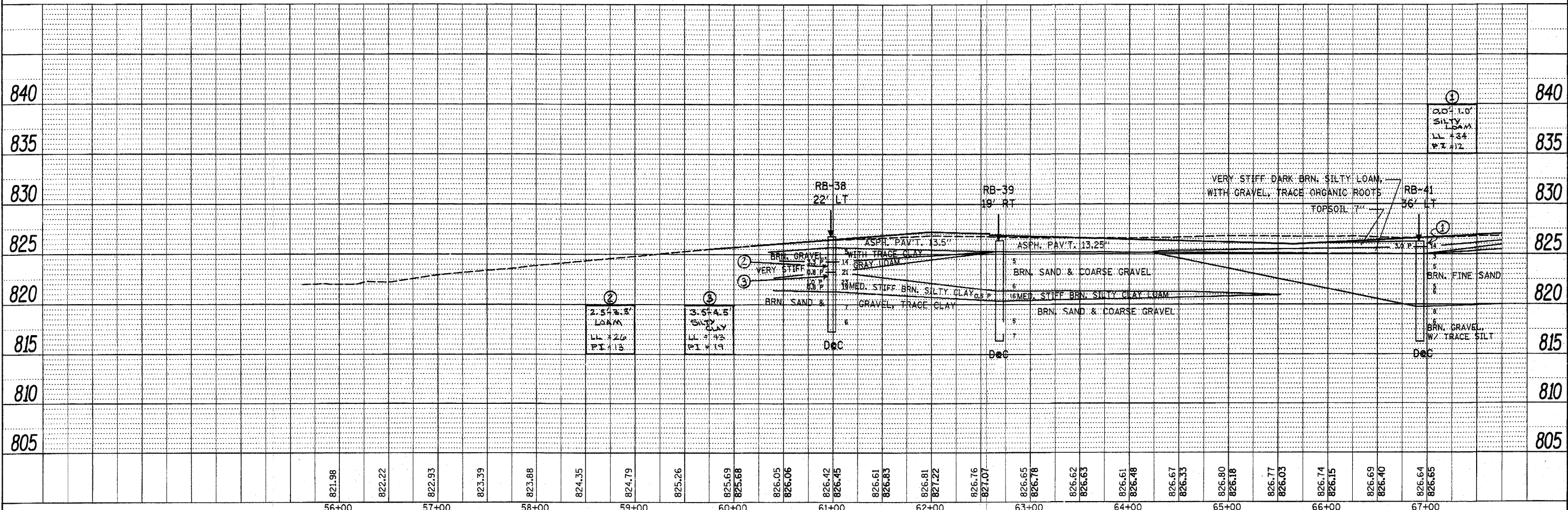
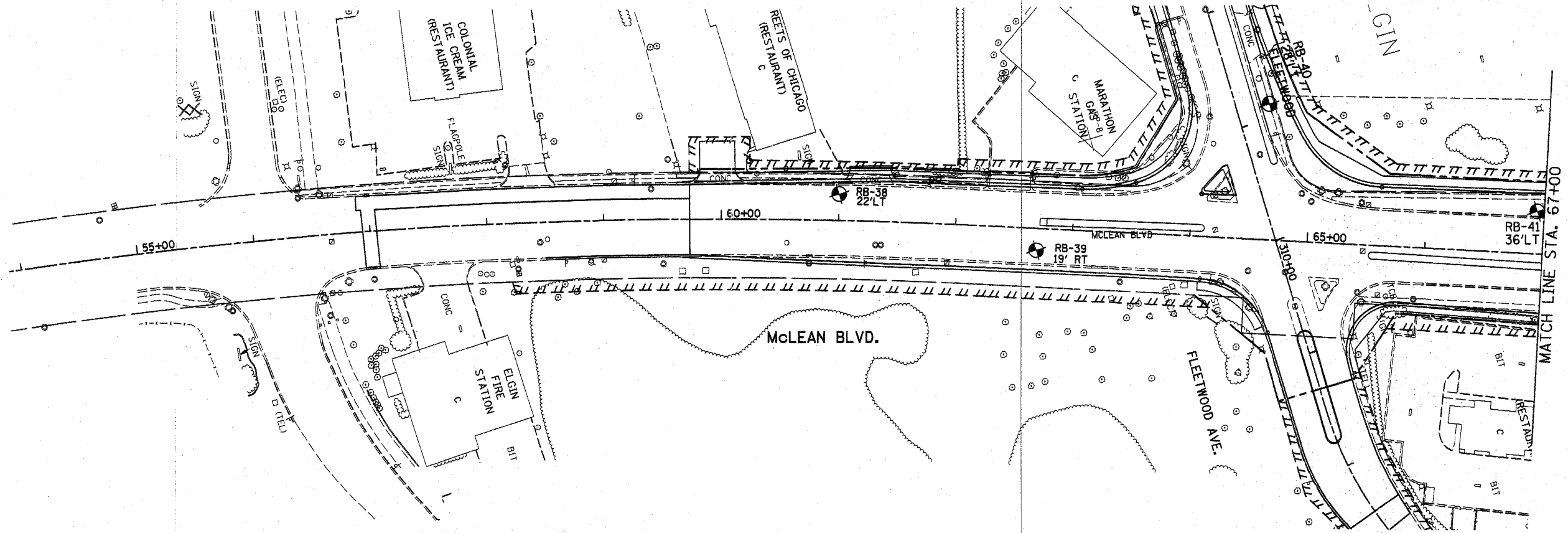
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345	8R-HB-2-BY-1	KANE	434	71
CONTRACT NO. 60K90				
ILLINOIS FED. AID PROJECT				

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

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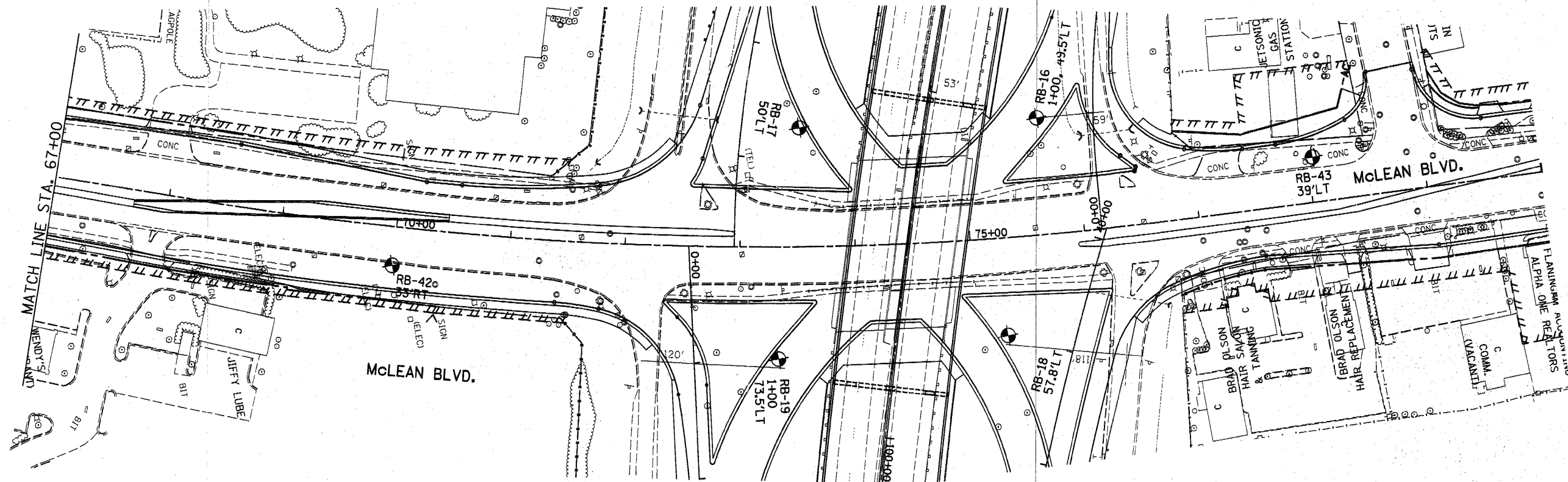
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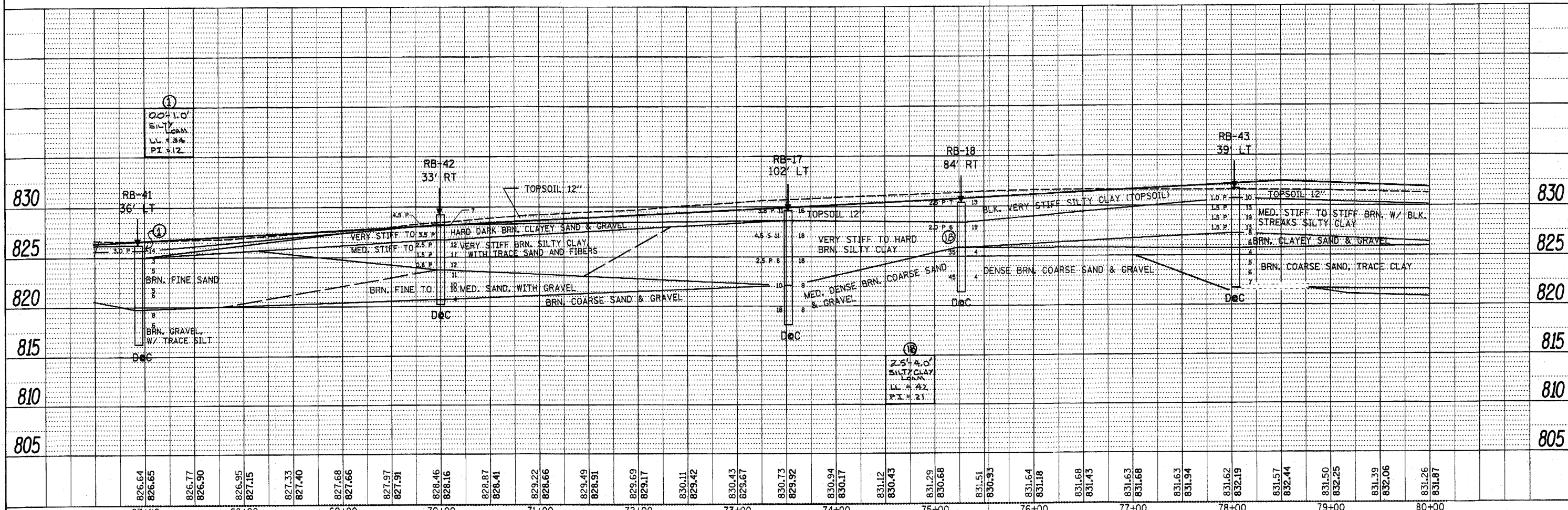


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PLOT DATE = 12/28/2018	DATE -	REVISED -	REVISED -									

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	NO. OF STRUCTURES



67+00	68+00	69+00	70+00	71+00	72+00	73+00	74+00	75+00	76+00	77+00	78+00	79+00	80+00																																								
826.64	826.65	826.77	826.90	826.95	827.15	827.33	827.40	827.68	827.66	827.97	827.91	828.46	828.16	828.87	828.41	829.22	828.66	829.49	828.91	829.69	829.17	830.11	829.42	830.43	829.67	830.73	829.92	830.94	830.17	831.12	830.43	831.29	830.68	831.51	830.93	831.64	831.18	831.68	831.43	831.63	831.68	831.63	831.94	831.62	832.19	831.57	832.44	831.50	832.25	831.39	832.06	831.26	831.87

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PLOT DATE = 10/28/2010		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

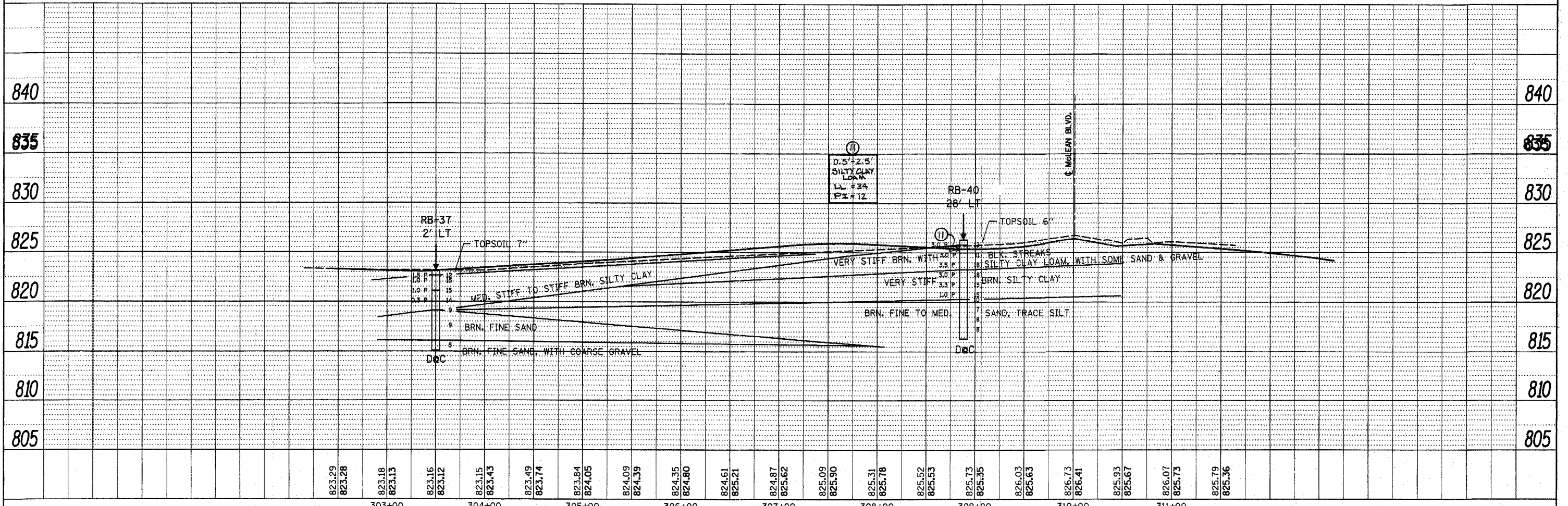
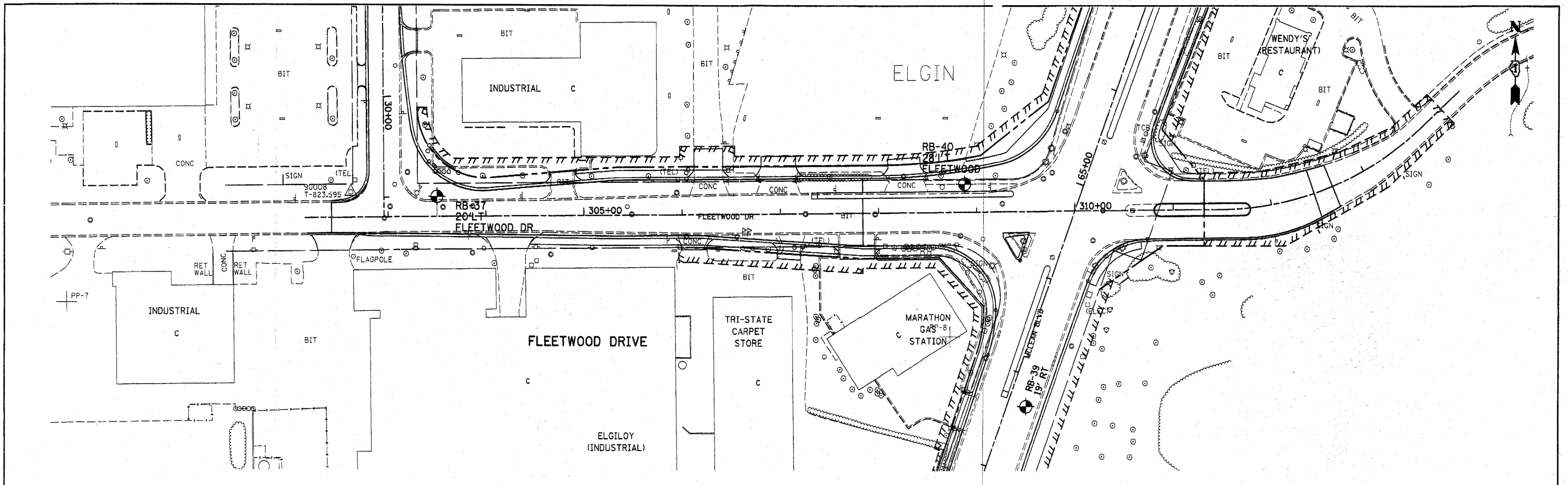
**McLEAN BLVD.
SOILS PLAN AND PROFILE**

SCALE: SHEET NO. OF SHEETS STA. 67+00 TO STA. 80+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-FB-2-BY-1	KANE	434	73
CONTRACT NO. 60K90				
ILLINOIS FED. AID PROJECT				

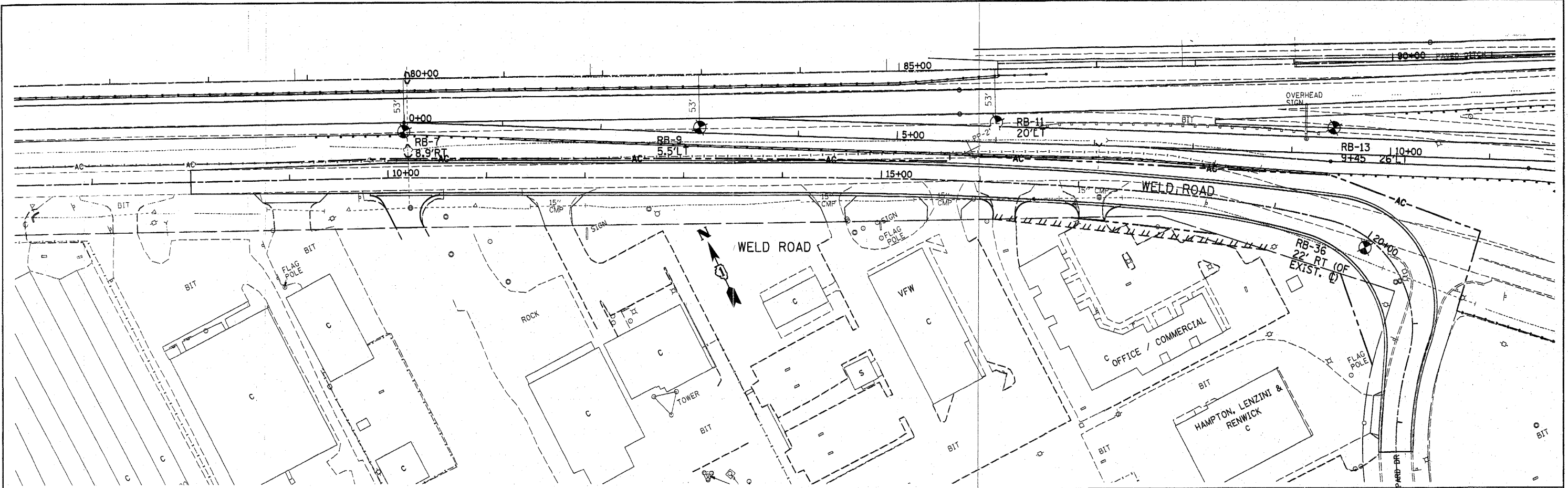
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NOTE BOOK	PLOTTED	BY
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	FIELD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
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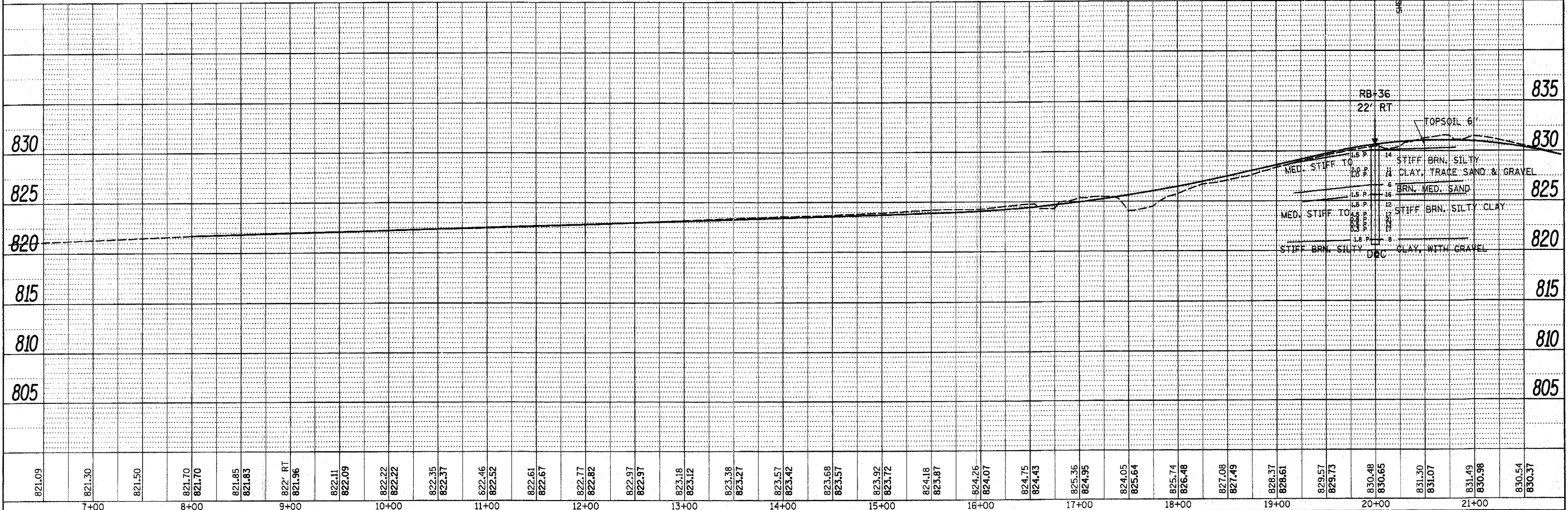


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	PLOT DATE = 10/28/2010	DATE -	REVISED -							ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	
REVISED	
NOTE BOOK	
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NO.	
FILE NAME	



DATE	
BY	
PROFILE	
REVISED	
NOTE BOOK	
CHECKED	
NO.	
FILE NAME	



821.09	821.30	821.50	821.70	821.70	821.85	821.83	822' RT	821.96	822.11	822.09	822.22	822.22	822.35	822.37	822.46	822.52	822.61	822.67	822.77	822.82	822.97	822.97	823.18	823.12	823.38	823.27	823.57	823.42	823.68	823.57	823.92	823.72	824.18	823.87	824.26	824.07	824.75	824.43	825.36	824.95	824.05	825.64	825.74	826.48	827.08	827.49	828.37	828.61	829.57	829.73	830.48	830.65	831.30	831.07	831.49	830.98	830.54	830.37
7+00	8+00	9+00	10+00	11+00	12+00	13+00	14+00	15+00	16+00	17+00	18+00	19+00	20+00	21+00																																												
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PLOT DATE = 10/27/2010			DATE -	REVISED -								ILLINOIS FED. AID PROJECT																																														

STAGING AND TRAFFIC CONTROL NOTES

1. THE PROPOSED IMPROVEMENT ALONG US ROUTE 20 SHALL BE ACOMPLISHED ACCORDING TO THE CONSTRUCTION STAGES AND THE TRAFFIC CONTROL PLANS AS SHOWN ON THE PLANS AND DIRECTED BY THE ENGINEER.

2. THE CONTRACTOR SHALL MAINTAIN TWO THROUGH LANES IN EACH DIRECTION ALONG US ROUTE 20, AND CAN CLOSE A LANE, ONLY DURING ALLOWABLE HOURS AS STATED IN "KEEPING THE ARTERIAL ROADWAY OPEN TO TRAFFIC" IN SPECIAL PROVISION.

3. ALL THE RAMPS CONNECTING US ROUTE 20 AND MCLEAN BLVD. SHALL REMAIN OPEN TO TRAFFIC ALL TIMES DURING CONSTRUCTION, EXCEPT FOR A LIMITED TIME CLOSURE OF EASTBOUBOUND EXIT RAMP C AS SPECIFIED IN SPECIAL PROVISION.

4. THE CONTRACTOR SHALL INSTALL AND MAINTAIN PROPOSED, TEMPORARY DRAINAGE SYSTEM AND EROSION CONTROL THROUGHOUT STAGED CONSTRUCTION FOR THE DURATION OF THE CONTRACT.

5. THE CONTRACTOR SHALL INSTALL ALL THE DETOUR SIGNS AS SHOWN ON THE PLAN PRIOR TO THE CLOSURE OF ANY ROAD. ANY CONFLICTING MESSAGE SIGN OR EXIT SIGN SHALL BE COVERED UNTIL THE DETOUR IS IN PLACE.

6. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ACCESS TO ALL COMMERCIAL AND RESIDENTIAL ENTRANCES FOR THE ENTIRE DURATION OF THE CONTRACT.

7. THE DROP-OFF HEIGHT ALONG US ROUTE 20 AT THE EDGE OF PAVEMENT SHOULD BE LESS THAN OR EQUAL TO 12 INCH WHEN THE TRAFFIC IS ADJACENT TO THE DROP OFF LOCATION. IF THE DROP-OFF HEIGHT IS GREATER THAN 12 INCH AND LESS THAN 18 INCH THEN THE LENGTH OF THE CONSTRUCTION SHALL BE LIMITED TO 0.5 MILE OR LESS THAN 48 HOURS.

8. CHANNELIZING DEVICES ALONG US ROUTE 20 SHALL BE PLACED AT THE DROP OFF LOCATIONS TO PRESERVE LANE WIDTH DURING DAY TIME. THE REFLECTIVE AREA SHALL BE RAISED TO THE ELEVATION ABOVE TRAVELING LANE OR SHOULDER PROFILE AS REQUIRED BY STANDARD 701901.

9. CONTRACTOR SHALL MAINTAIN AT LEAST 4' OF SIDEWALK ON ONE SIDE OF MCLEAN BLVD. AT ALL TIME DURING CONSTRUCTION. THE COST OF ANY TEMPORARY SIDEWALK REQUIRED DURING CONSTRUCTION WILL NOT BE PAID SEPARATELY BUT WILL BE INCLUDED IN CONTRACT UNIT PRICE FOR "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".

PRE-STAGE

US ROUTE 20

1. WORK IN THIS STAGE CONSISTS OF RECONSTRUCTION AND RESURFACING OF THE EASTBOUND US ROUTE 20 INSIDE SHOULDER, FROM STA. 94+50 TO STA. 103+09, AND INSTALL THE TEMPORARY CONCRETE BARRIER AS SHOWN IN THE ROADWAY PLAN. THIS WORK IS REQUIRED IN ORDER TO SHIFT TRAFFIC TO INSIDE SHOULDER DURING THE SUBSEQUENT CONSTRUCTION STAGES.

2. THE WORK UNDER THIS STAGE SHALL BE DONE BY IMPLEMENTATION OF A SINGLE LANE CLOSURE DURING THE ALLOWABLE LANE CLOSURE HOURS SPECIFIED IN THE "KEEPING THE ARTERIAL ROADWAY OPEN TO TRAFFIC" IN SPECIAL PROVISION.

STAGE I

US ROUTE 20

1. WORK ON US ROUTE 20 DURING THIS STAGE CONSISTS OF:

- A. RECONSTRUCTION AND WIDENING OF THE EASTBOUND OUTSIDE SHOULDER US ROUTE 20 AND EXIT RAMP C AS SHOWN ON THE ROADWAY PLANS
- B. RECONSTRUCTION AND RESURFACING OF WESTBOUND OUTSIDE SHOULDER AT LOCATIONS AS SHOWN ON THE ROADWAY PLANS.
- C. WIDENING EASTBOUND U.S. ROUTE 20 BRIDGE OVER MCLEAN BOULEVARD.
- D. CONSTRUCTION OF EASTBOUND TEMPORARY ENTRANCE RAMP B AND RETAINING WALL # 045W011 AS SHOWN ON THE PLANS.
- E. CONSTRUCTION OF RETAINING WALL #45W010 IN THE NORTHWEST QUADRANT OF THE INTERCHANGE.
- F. CONSTRUCTION OF TEMPORARY SOIL RETENTION SYSTEM ALONG EASTBOUND US ROUTE 20 BETWEEN STA. 136+00 AND STA. 141+00.
- G. CONSTRUCTION OF DETENTION BASIN I AND PROPOSED CULVERT CROSSING BENEATH US ROUTE 20.

H. INSTALLATION OF TEMPORARY LIGHTING AS SHOWN IN THE LIGHTING PLANS.

1. INSTALLATION OF TEMPORARY CONCRETE BARRIER ON THE OUTSIDE EDGE OF TEMPORARY WIDENED EASTBOUND SHOULDER AS SHOWN ON THE PLANS.

2. THE RECONSTRUCTION AND WIDENING OF THE EASTBOUND OUTSIDE SHOULDER SHALL BE DONE BY IMPLEMENTATION OF A SINGLE LANE CLOSURE AS SPECIFIED IN THE "KEEPING THE ARTERIAL ROADWAY OPEN TO TRAFFIC" SPECIAL PROVISION.

3. THE CONTRACTOR WILL BE ALLOWED TO CLOSE EASTBOUND EXIT RAMP "C" FOR A LIMITED TIME, AS SPECIFIED IN SPECIAL PROVISION FOR "KEEPING THE ARTERIAL ROADWAY OPEN TO TRAFFIC". DURING THIS TIME CONTRACTOR SHALL DETOUR THE TRAFFIC AS SHOWN ON THE PLANS TO COMPLETE THE PROPOSED MODIFICATIONS TO THE RAMP.

MCLEAN BLVD. AND SIDE STREETS

1. SHIFT THE MCLEAN BLVD. TOWARDS WEST SIDE AND MAINTAIN TWO LANES ON EACH DIRECTION.

2. CONSTRUCT TEMPORARY PAVEMENT ON EAST SIDE OF THE MCLEAN BLVD. AS SHOWN IN THE PLANS.

STAGE - I.1

1. SHIFT THE MCLEAN BLVD. TRAFFIC ON THE TEMPORARY PAVEMENT.

2. INSTALL STORM SEWER PIPE WEST SIDE OF MCLEAN BLVD. SOUTH OF STA. 61+00.

3. CONTRACTOR SHALL COMPLETE THIS WORK WITHIN 21 DAYS AND RESTORE THE MCLEAN BLVD. TRAFFIC AT SPARTAN DRIVE TO NORMAL TRAFFIC PATTERN.

4. SHIFT THE TRAFFIC TO THE SOUTHSIDE OF FLEETWOOD DR. AND ALONG SHEPARD DR. TOWARDS WEST SIDE, AND MAINTAIN ONE LANE ON EACH DIRECTION.

5. CONSTRUCT TEMPORARY PAVEMENT ON THE NORTHSIDE OF FLEETWOOD DRIVE AND ALONG SHEPARD DR. ON THE EAST SIDE AS SHOWN IN THE PLANS.

STAGE - I.2

1. MAINTAIN THE NORMAL TRAFFIC PATTERN ALONG MCLEAN BLVD. AND SPARTAN DR. INTERSECTION.

2. INSTALL THE STORM SEWER PIPE ALONG MCLEAN BLVD. NORTH OF STA. 61+00

3. SHIFT THE TRAFFIC ON TEMPORARY PAVEMENT ALONG FLEETWOOD DR. AND MAINTAIN ONE LANE ON EACH DIRECTION.

4. CONSTRUCT EASTBOUND FLEETWOOD DR. IN SUB-STAGES I.2A AND I.2B.

STAGE - I.3

1. SHIFT THE FLEETWOOD DR. TRAFFIC ONTO NEWLY CONSTRUCTED EASTBOUND PAVEMENT AND MAINTAIN ONE 10' LANE IN EACH DIRECTION.

2. CONSTRUCT WESTBOUND FLEETWOOD DR. AS SHOWN IN THE PLANS.

3. CONSTRUCT SHEPARD DR. IN SUB STAGES I.3A AND I.3B.

4. CONSTRUCT THE SOUTHWEST CORNER ISLAND AT THE INTERSECTION OF MCLEAN BLVD. AND FLEETWOOD DR. AT THE END OF THIS STAGE AS SHOWN IN STAGE I.3C.

STAGE II

US ROUTE 20

1. WORK ON US ROUTE 20 DURING THIS STAGE CONSISTS OF:

- A. CONSTRUCTION OF MEDIAN CROSS-OVER BETWEEN EASTBOUND AND WESTBOUND US ROUTE 20 AT THE LOCATIONS SHOWN ON THE PLANS.
- B. RECONSTRUCTION AND WIDENING OF THE US ROUTE 20 INSIDE SHOULDER.
- C. INSTALLATION OF TEMPORARY CONCRETE BARRIER IN THE MEDIAN AS SHOWN ON THE PLANS.
- D. CONTINUE INSTALLATION OF TEMPORARY LIGHTING AS SPECIFIED IN THE LIGHTING PLANS.

2. INSTALL TRAFFIC CONTROL DEVICES, REMOVE EXISTING PAVEMENT MARKINGS AND THE REFLECTIVE ELEMENT FROM THE RAISED REFLECTIVE PAVEMENT REFLECTORS THAT CONFLICT WITH THE STAGE II TEMPORARY TRAFFIC LANES.

3. SHIFT THE EASTBOUND US ROUTE 20 TRAFFIC ON TO THE NEWLY RECONSTRUCTED TEMPORARY PAVEMENT AND MAINTAIN TWO THROUGH LANES DURING STAGE II. EXISTING TRAFFIC FLOW ALONG WESTBOUND US ROUTE 20 SHALL BE MAINTAINED AND SHIFT THE TRAFFIC ONLY AT LOCATIONS IDENTIFIED IN THE PLANS.

4. CONTRACTOR SHALL MAINTAIN TWO LANES IN EACH DIRECTION OF THE US ROUTE 20 AND IS ALLOWED TO CLOSE A LANE ONLY DURING THE ALLOWABLE HOURS SPECIFIED IN SPECIAL PROVISION FOR "KEEPING THE ARTERIAL ROADWAY OPEN TO TRAFFIC".

WELD ROAD

2. CONSTRUCT TEMPORARY PAVEMENT ON SOUTH SIDE OF THE WELD ROAD. AS SHOWN ON THE PLANS.

STAGE - II.1

1. SHIFT THE WELD ROAD TRAFFIC ON THE TEMPORARY PAVEMENT AND MAINTAIN ONE 10' LANE ON EACH DIRECTION.

2. CONSTRUCT THE PROPOSED PAVEMENT NORTH OF THE WELD ROAD CENTER LINE.

STAGE - II.2

1. SHIFT THE WELD ROAD WESTBOUND TRAFFIC ON TO THE NEWLY PAVED SURFACE NORTH OF THE CENTER LINE. MAINTAIN THE WELD ROAD EASTBOUND TRAFFIC ON THE TEMPORARY PAVEMENT.

2. CONSTRUCT ONE LANE OF NEW PAVEMENT SOUTH OF THE CENTERLINE. DURING THIS STAGE CONSTRUCTION AREA WILL BE BETWEEN THE OPPOSITE THROUGH TRAFFIC.

STAGE - II.3

1. SHIFT THE WELD ROAD TRAFFIC TO THE NEW PAVEMENT AND CONSTRUCT THE PROPOSED CURB & GUTTER AND DRAINAGE DITCHES ALONG SOUTH EDGE OF THE ROADWAY.

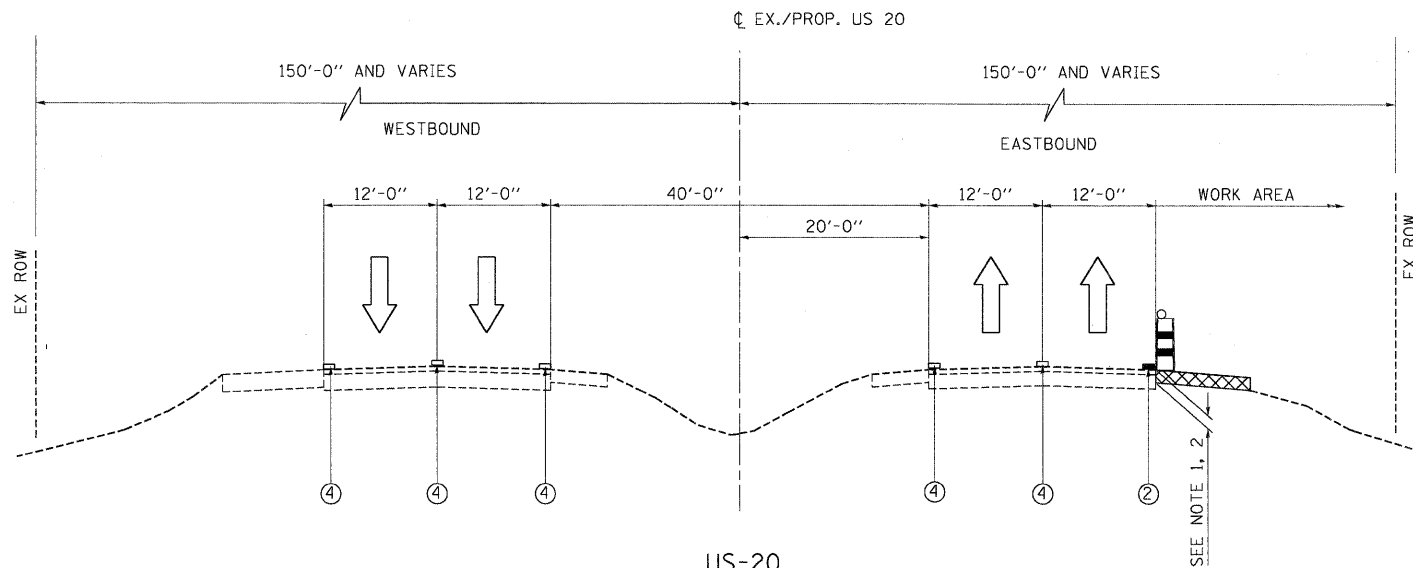
2. RESURFACE SHEPARD DRIVE BETWEEN WELD ROAD AND FLEETWOOD DRIVE AFTER COMPLETION OF WELD ROAD AND FLEETWOOD DRIVE RECONSTRUCTION.

3. TRAFFIC CONTROL FOR RESURFACING OF SHEPARD DRIVE, SHALL BE ACCORDING TO THE IDOT STANDARD 701427, AND ANY OTHER APPLICABLE STANDARDS.

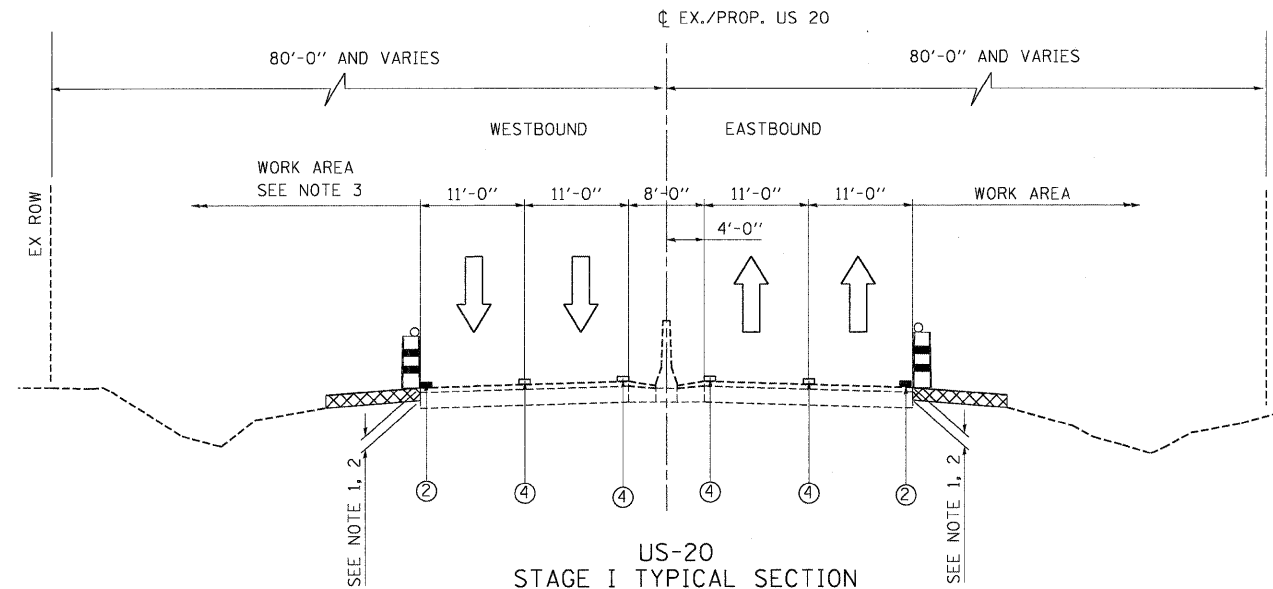
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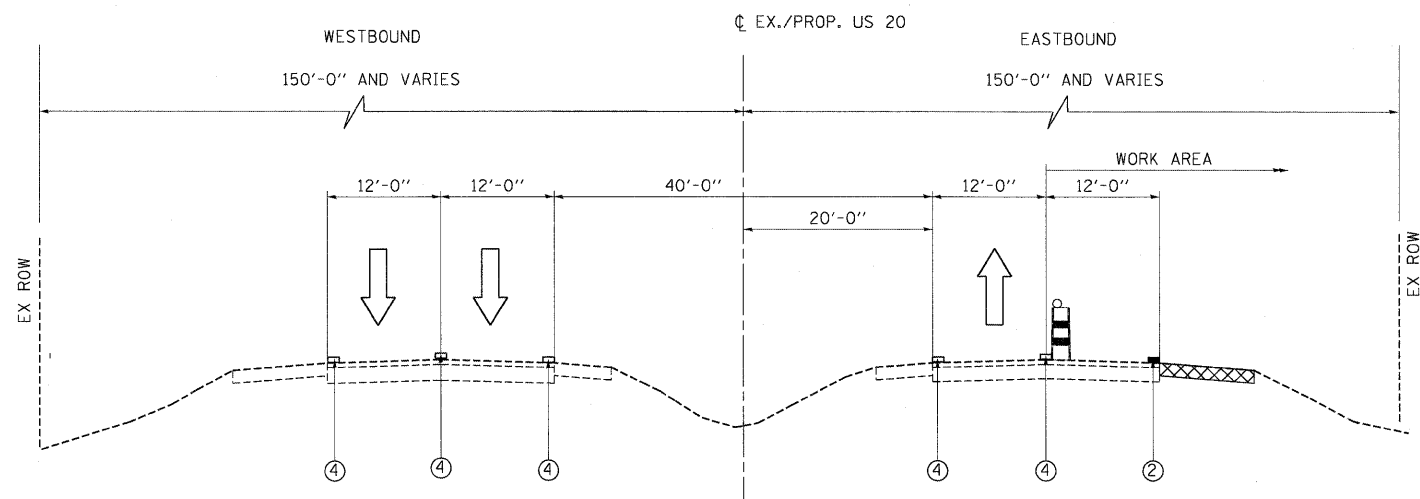




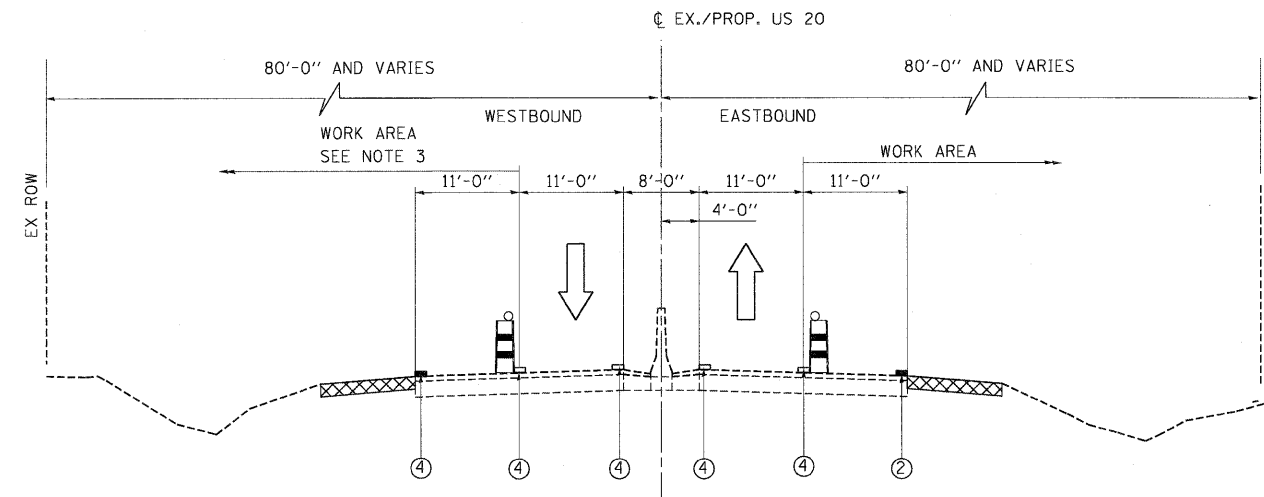
US-20
STAGE I TYPICAL SECTION
WEST OF MCLEAN BLVD.
SHOULDER CLOSURE



US-20
STAGE I TYPICAL SECTION
EAST OF MCLEAN BLVD.
SHOULDER CLOSURE



US-20
STAGE I TYPICAL SECTION
WEST OF MCLEAN BLVD.
SINGLE LANE NIGHT TIME LANE CLOSURE



US-20
STAGE I TYPICAL SECTION
EAST OF MCLEAN BLVD.
SINGLE LANE NIGHT TIME LANE CLOSURE

NOTES:

1. THE DROP-OFF HEIGHT AT THE EDGE OF PAVEMENT SHOULD BE LESS THAN OR EQUAL TO 12 INCH WHEN THE TRAFFIC IS ADJACENT TO THE DROP OFF LOCATION. IF THE DROP-OFF HEIGHT IS GREATER THAN 12 INCH AND LESS THAN OR EQUAL TO 18 INCHES THEN CONSTRUCTION SHALL BE LIMITED TO 0.5 MILE OR LESS THAN 48 HOURS.
2. CHANNELIZING DEVICES ALONG US ROUTE 20 SHALL BE PLACED AT THE DROP-OFF LOCATIONS TO PRESERVE LANE WIDTH DURING DAY TIME. THE REFLECTIVE AREA SHALL BE RAISED TO THE ELEVATION ABOVE TRAVELING LANE OR SHOULDER PROFILE AS REQUIRED BY STANDARD 701901.
3. FOR THE LIMITS OF WESTBOUND OUTSIDE SHOULDER RECONSTRUCTION AND RESURFACING LIMITS, REFER TO ROADWAY PLANS.

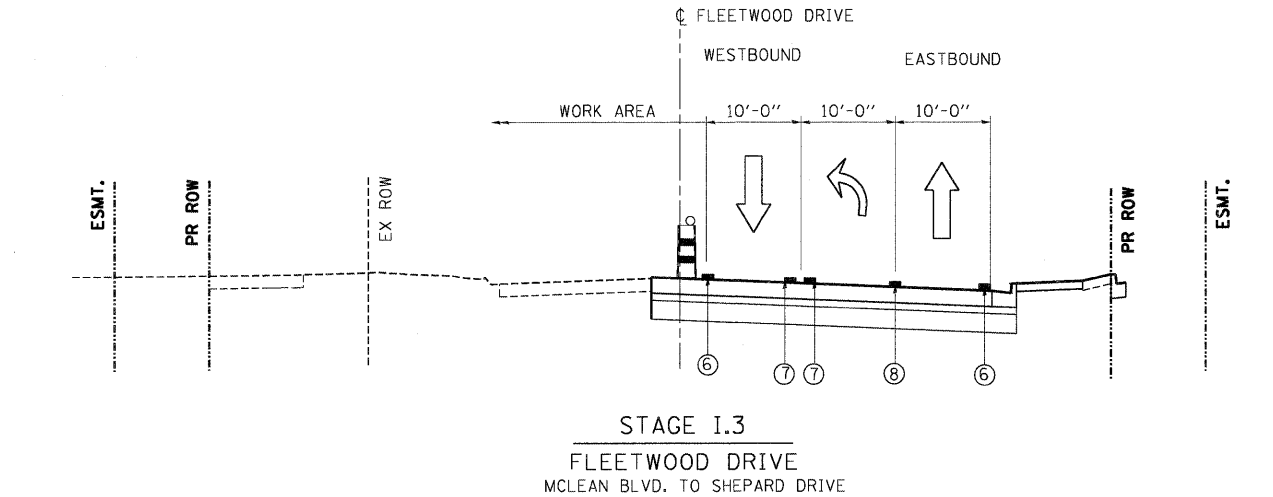
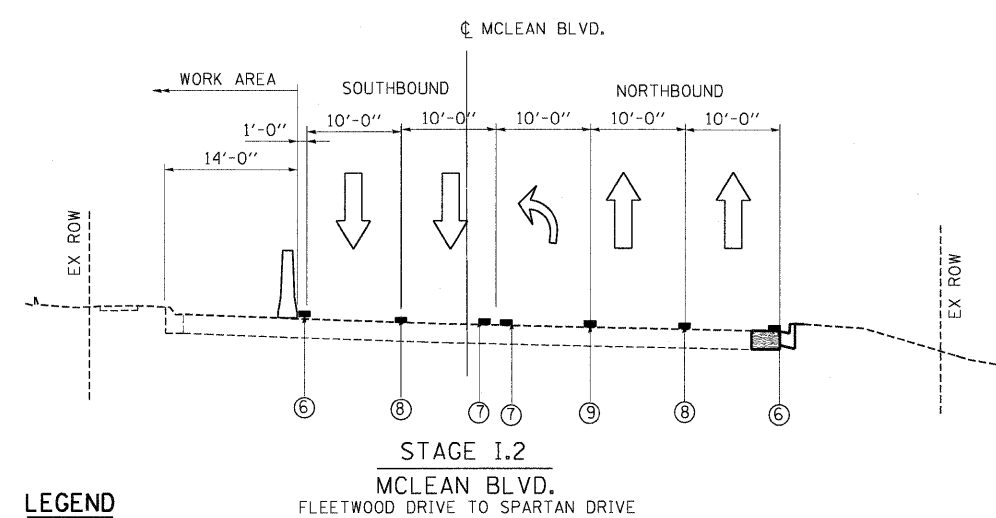
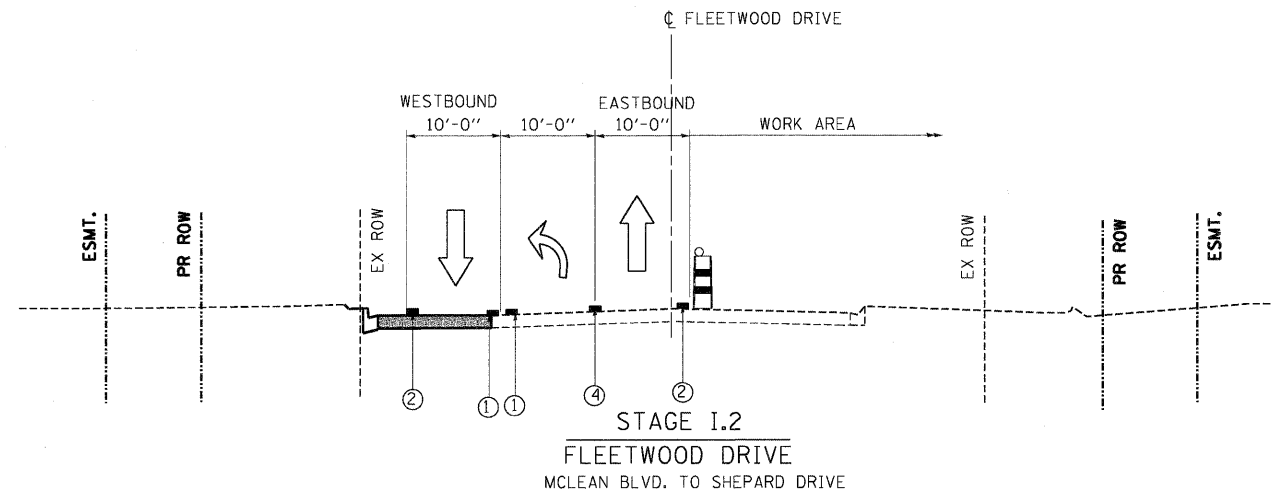
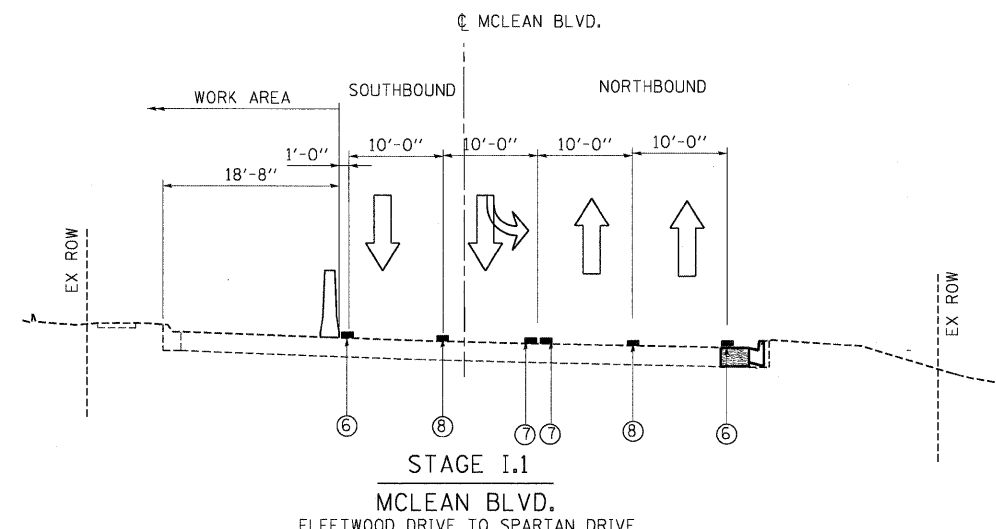
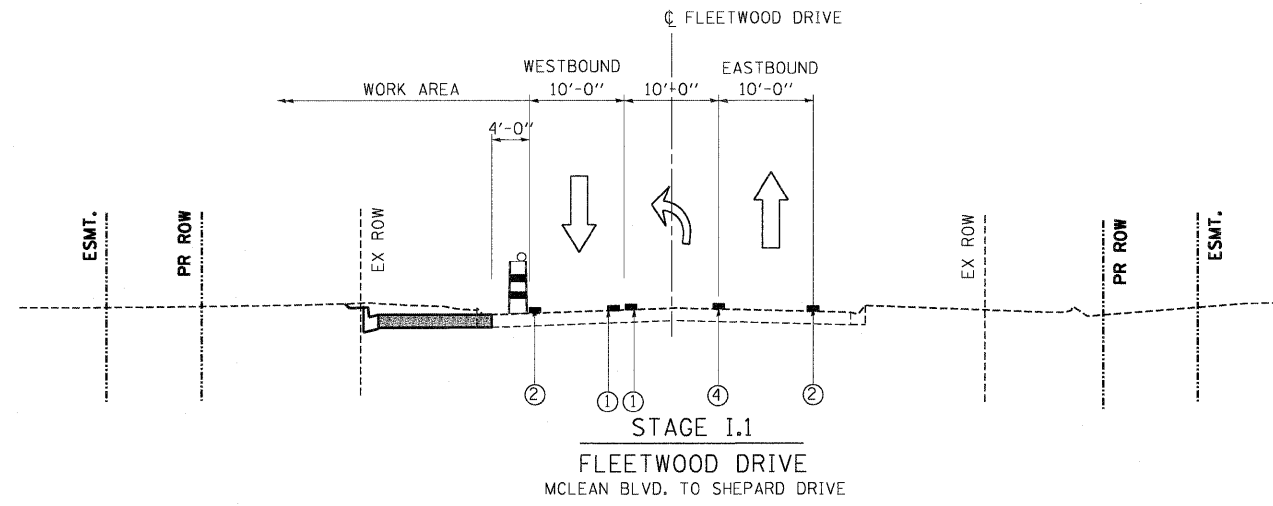
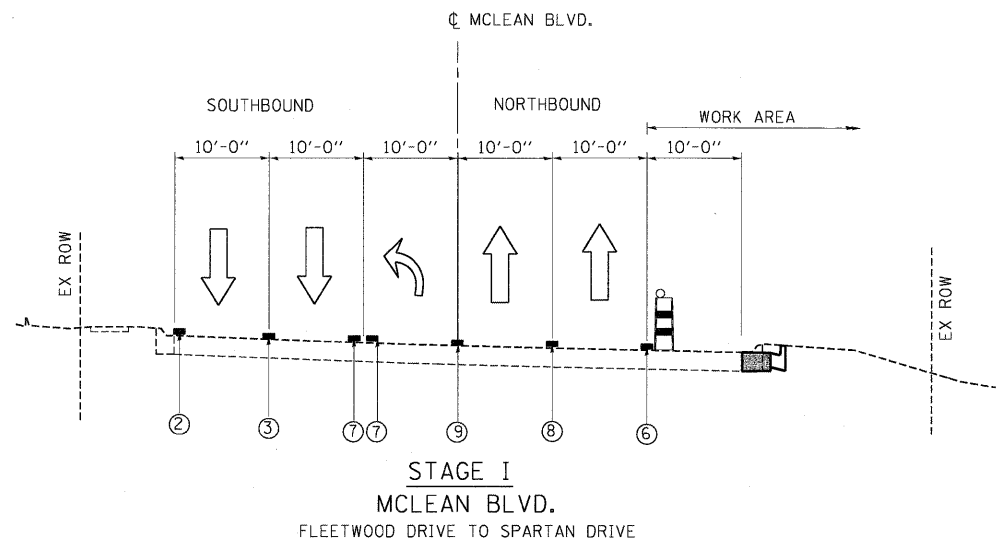
LEGEND

- TEMPORARY CONCRETE BARRIER
- VERTICAL PANELS WITH FLASHING LIGHT
- DRUM OR BARRICADE WITH FLASHING LIGHT (SEE NOTE 2)
- TRAFFIC FLOW
- TEMPORARY PAVEMENT
- REMOVAL

- ① WET REFLECTIVE TEMP. TAPE TYPE III - LINE 4" YELLOW
- ② WET REFLECTIVE TEMP. TAPE TYPE III - LINE 4" WHITE
- ③ WET REFLECTIVE TEMP. TAPE TYPE III - LINE 4" WHITE (10' DASH - 30' SKIP)
- ④ EXISTING PVMT. MARKING

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		DATE - 05/18/11	REVISED -											
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K90						



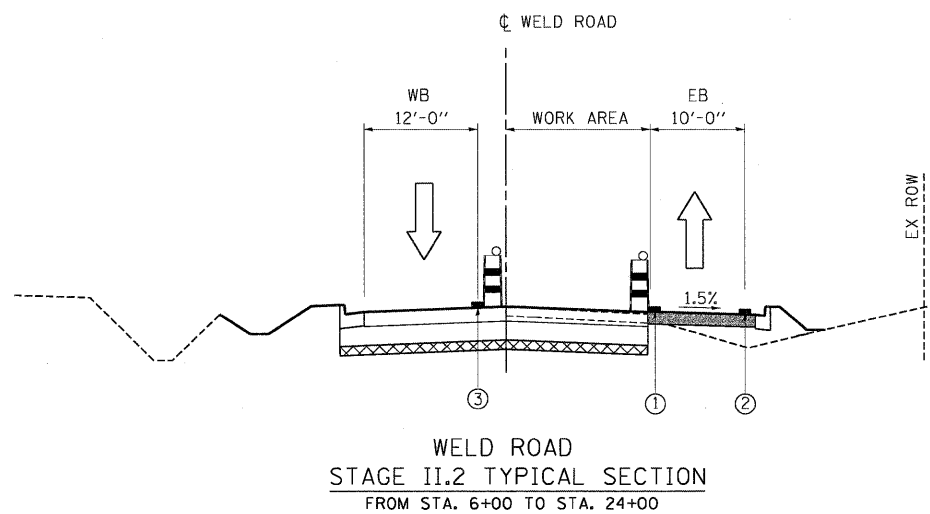
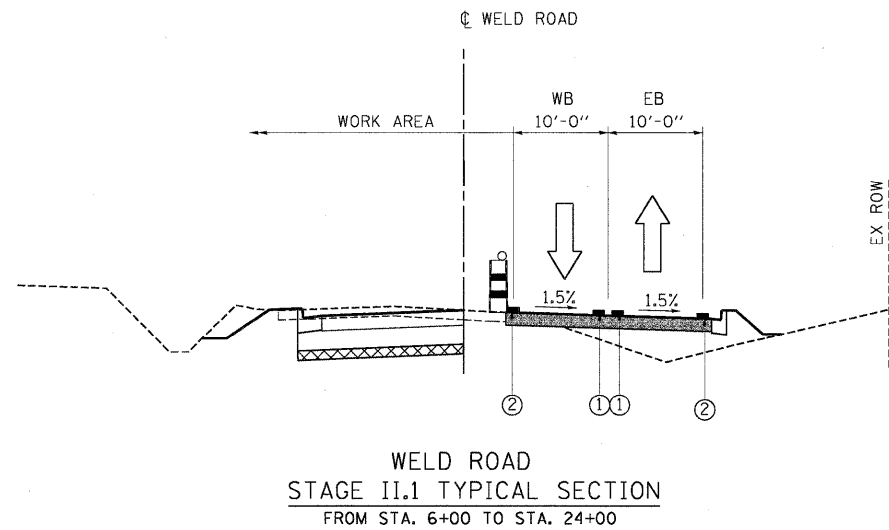
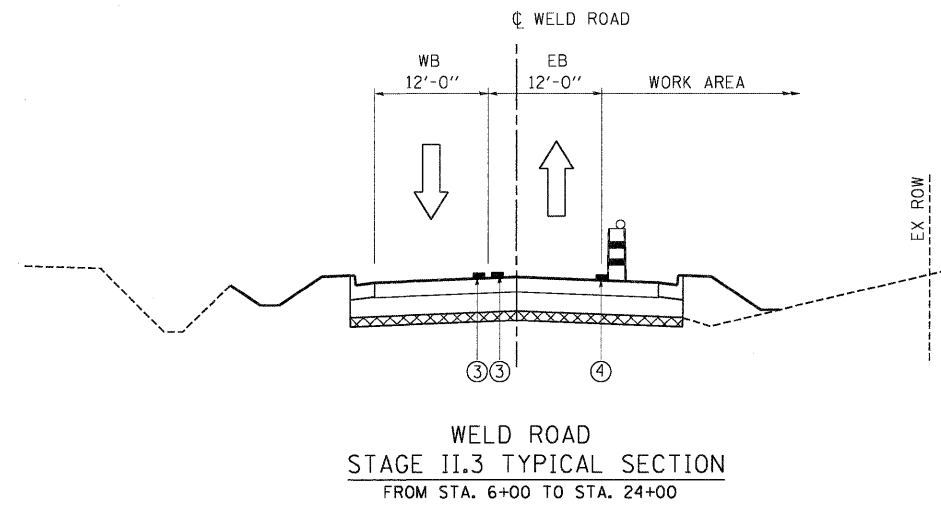
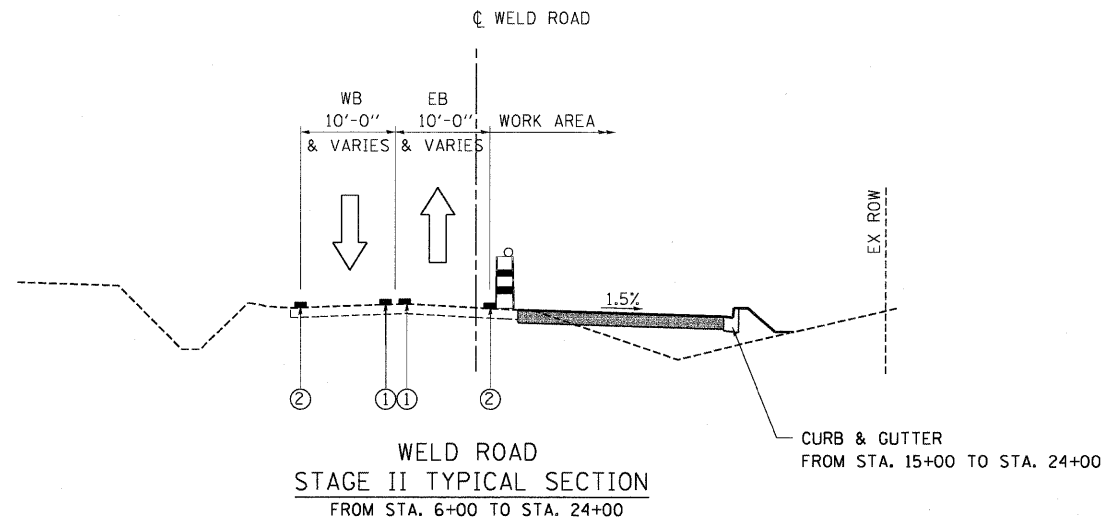
LEGEND

- TEMPORARY CONCRETE BARRIER
- VERTICAL PANELS WITH FLASHING LIGHT
- DRUM OR BARRICADE WITH FLASHING LIGHT
- TRAFFIC FLOW
- TEMPORARY PAVEMENT

- ① TEMP. PAVMT. MARKING - LINE 4" YELLOW
- ② TEMP. PAVMT. MARKING - LINE 4" WHITE
- ③ TEMP. PAVMT. MARKING - LINE 4" WHITE (10' DASH - 30' SKIP)
- ④ TEMP. PAVMT. MARKING - LINE 6" WHITE
- ⑤ TEMP. PAVMT. MARKING - LINE 6" WHITE (2' DASH - 6' SKIP)
- ⑥ WET REFLECTIVE TEMP. TAPE TYPE III - LINE 4" WHITE
- ⑦ WET REFLECTIVE TEMP. TAPE TYPE III - LINE 4" YELLOW
- ⑧ WET REFLECTIVE TEMP. TAPE TYPE III - LINE 4" WHITE (10' DASH - 30' SKIP)
- ⑨ WET REFLECTIVE TEMP. TAPE TYPE III - LINE 6" WHITE

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#FILE#		DRAWN - MM	REVISED -					345	8R-HB-2-BY-1	KANE	434	79				
TENG	TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	CHECKED - PB	REVISED -	SCALE: 1"=10'				SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 60K90			
	PLOT SCALE = #SCALE#	DATE - 05/18/11	REVISED -	FED. ROAD DIST. NO.				ILLINOIS FED. AID PROJECT								



NOTES:

1. THE DROP-OFF HEIGHT AT THE EDGE OF PAVEMENT SHOULD BE LESS THAN OR EQUAL TO 12 INCH WHEN THE TRAFFIC IS ADJACENT TO THE DROP OFF LOCATION. IF THE DROP-OFF HEIGHT IS GREATER THAN 12 INCH AND LESS THAN OR EQUAL TO 18 INCHES THEN CONSTRUCTION SHALL BE LIMITED TO 0.5 MILE OR LESS THAN 48 HOURS.
2. CHANNELIZING DEVICES ALONG US ROUTE 20 SHALL BE PLACED AT THE DROP-OFF LOCATIONS TO PRESERVE LANE WIDTH DURING DAY TIME. THE REFLECTIVE AREA SHALL BE RAISED TO THE ELEVATION ABOVE TRAVELING LANE OR SHOULDER PROFILE AS REQUIRED BY STANDARD 701901.
3. TYPE III TEMPORARY PAVEMENT MARKING TAPE FOR WET CONDITION OF VARIOUS SIZES AS SHOWN ON THE PLAN SHALL BE USED ON ALL NEWLY PAVED SURFACES AND ON ALL EXISTING PAVEMENT SURFACE THAT WILL REMAIN.

LEGEND

- | | | | |
|--|--|---|---|
| | TEMPORARY CONCRETE BARRIER | ① | TEMP. PVMT. MARKING - LINE 4" YELLOW |
| | VERTICAL PANELS WITH FLASHING LIGHT | ② | TEMP. PVMT. MARKING - LINE 4" WHITE |
| | DRUM OR BARRICADE WITH FLASHING LIGHT (SEE NOTE 2) | ③ | WET REFLECTIVE TEMP. TAPE TYPE III - LINE 4" YELLOW |
| | TRAFFIC FLOW | ④ | WET REFLECTIVE TEMP. TAPE TYPE III - LINE 4" WHITE |
| | TEMPORARY PAVEMENT | | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP ROUTE 345 / US ROUTE 20**

**STAGING AND TRAFFIC CONTROL
WELD ROAD TYPICAL SECTIONS
STAGE II**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-HB-2-BY-1	KANE	434	80
CONTRACT NO. 60K90				

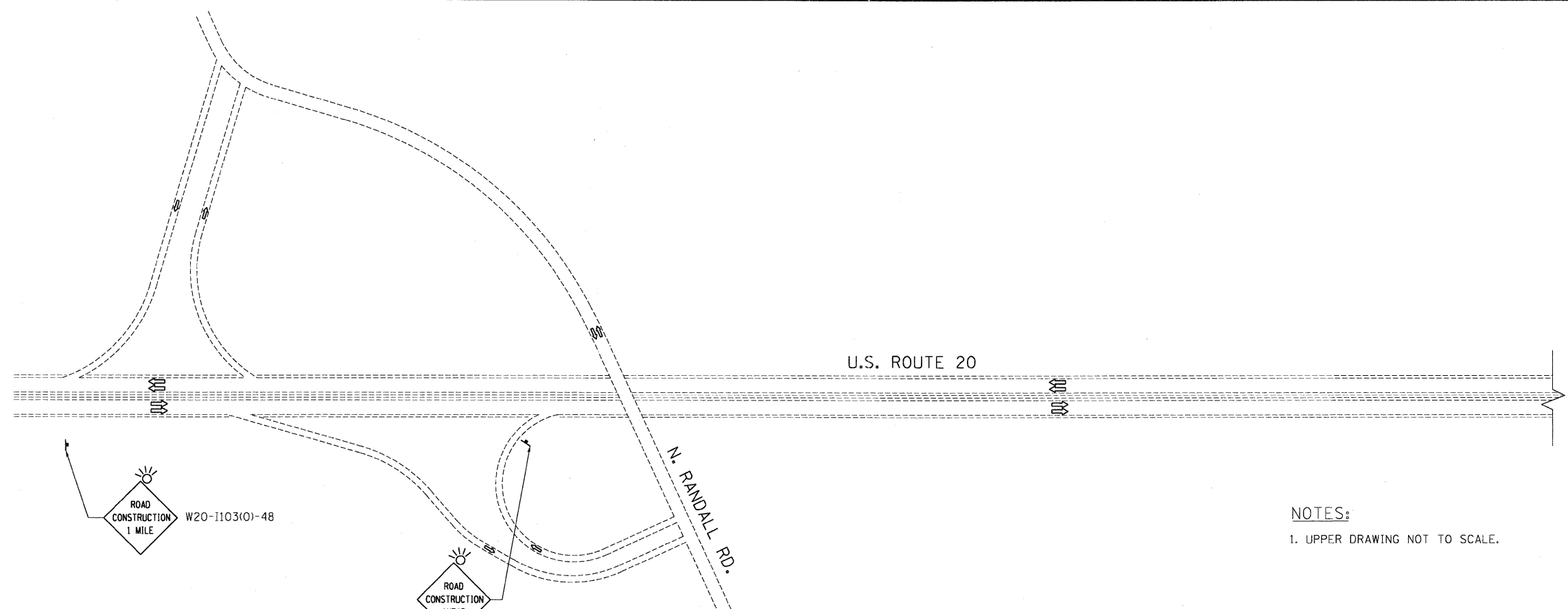
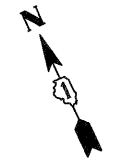
SCALE: 1"=10' SHEET NO. OF SHEETS STA. TO STA.

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

\\p1\work\115\6044\USROUTE20\LEGEND.DGN \\p1\work\115\6044\USROUTE20\LEGEND.DGN \\p1\work\115\6044\USROUTE20\LEGEND.DGN \\p1\work\115\6044\USROUTE20\LEGEND.DGN
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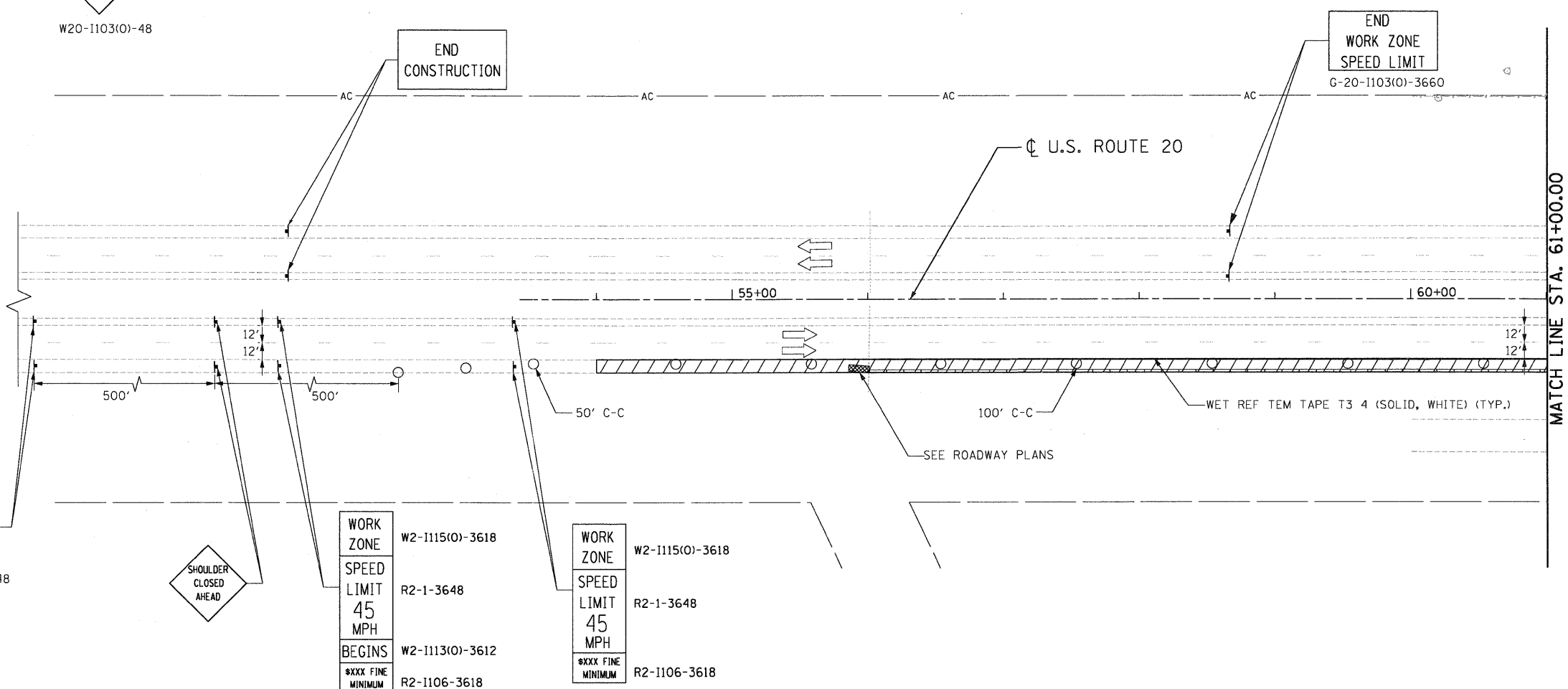
TENG TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS



NOTES:
1. UPPER DRAWING NOT TO SCALE.

LEGEND

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- DIRECTION INDICATOR BARRICADE
- TYPE B MONODIRECTIONAL FLASHING LIGHT
- TEMPORARY PAVEMENT, INTERSTATE

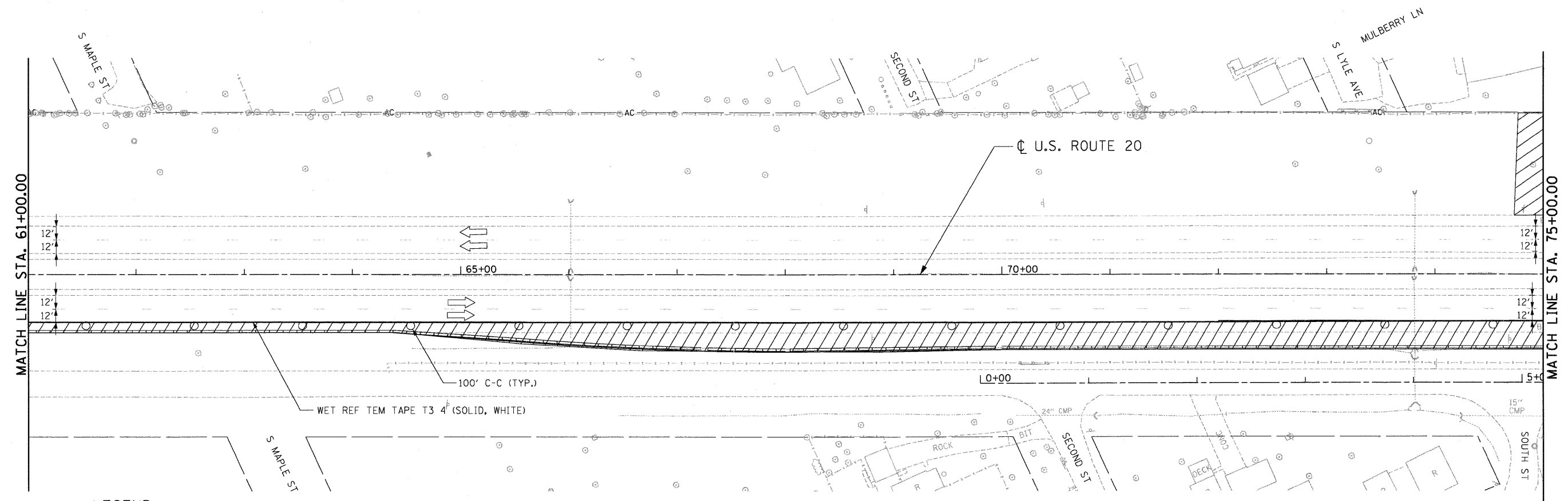


MATCH LINE STA. 61+00.00

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 CHECKED - PB
 DATE - 05/18/11
 REVISIONS:
 REVISED -
 REVISED -
 REVISED -
 REVISED -
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 345 / US ROUTE 20
 STAGING AND TRAFFIC CONTROL
 U.S. ROUTE 20
 STAGE I
 SCALE: 1"=50'
 SHEET NO. OF SHEETS
 STA. 56+50.00 TO STA. 61+00.00
 F.A.P. RTE. 345
 SECTION 8R-HB-2-BY-1
 COUNTY KANE
 TOTAL SHEETS 434
 SHEET NO. 83
 CONTRACT NO. 60K90
 ILLINOIS FED. AID PROJECT

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FILE#		DRAWN - AMB	REVISED -			345	8R-HB-2-BY-1	KANE	434	83	
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PLOT DATE = #DATE#		DATE - 05/18/11	REVISED -			ILLINOIS FED. AID PROJECT					





- LEGEND**
- WORK AREA
 - IMPACT ATTENUATOR
 - TEMPORARY CONCRETE BARRIER
 - TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
 - TRAFFIC FLOW
 - SIGN
 - VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
 - ARROW BOARD
 - TYPE III BARRICADE
 - DIRECTION INDICATOR BARRICADE
 - TYPE B MONODIRECTIONAL FLASHING LIGHT
 - TEMPORARY PAVEMENT, INTERSTATE

\D:\60K90\BORDER\01.DGN, \D:\MASTER\ALIGNMT.DGN, \D:\60K90\LEGEND.DGN, \D:\60K90\DESIGN.DGN, \D:\60K90\TOP.DGN, \D:\60K90\PLAN\01.DGN, \D:\60K90\STAG\NG01.DGN
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 HAYMARZ

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 345 / US ROUTE 20

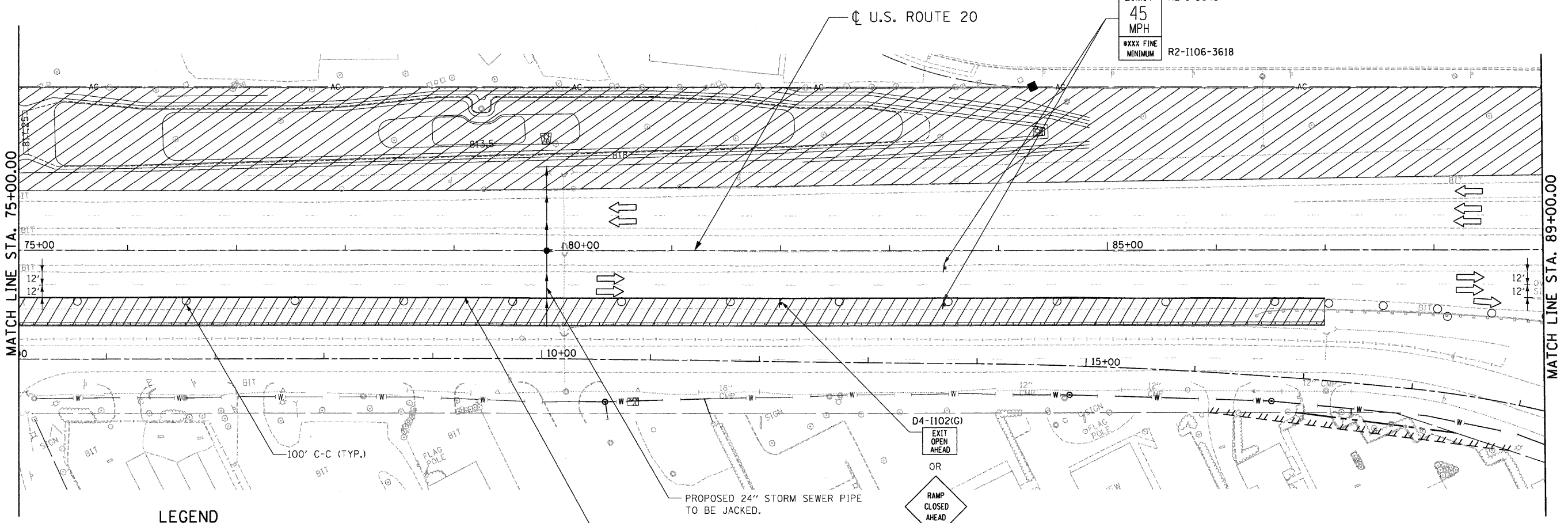
STAGING AND TRAFFIC CONTROL			
U.S. ROUTE 20			
STAGE I			
SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. 61+00.00	TO STA. 75+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	BR-HB-2-BY-1	KANE	434	84
				CONTRACT NO. 60K90
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		





WORK ZONE W2-1115(0)-3618
 SPEED LIMIT R2-1-3648
 45 MPH
 XXX FINE MINIMUM R2-1106-3618



- LEGEND**
- WORK AREA
 - IMPACT ATTENUATOR
 - TEMPORARY CONCRETE BARRIER
 - TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
 - TRAFFIC FLOW
 - SIGN
 - VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
 - ARROW BOARD
 - TYPE III BARRICADE
 - DIRECTION INDICATOR BARRICADE
 - TYPE B MONODIRECTIONAL FLASHING LIGHT
 - TEMPORARY PAVEMENT, INTERSTATE

NOTES:
 1. REMOVE "EXIT OPEN AHEAD" SIGN AND INSTALL "RAMP CLOSED AHEAD" SIGN WHEN THE EXIT RAMP "C" IS CLOSED FOR RECONSTRUCTION.

\D:\60K90\BORDER\01.DGN, \D:\60K90\ALIGN\01.DGN, \D:\60K90\DESIGN\01.DGN, \D:\60K90\TRAFFIC\01.DGN, \D:\60K90\STAGING\01.DGN, \D:\60K90\STAGING\02.DGN, \D:\60K90\STAGING\03.DGN, \D:\60K90\STAGING\04.DGN, \D:\60K90\STAGING\05.DGN, \D:\60K90\STAGING\06.DGN, \D:\60K90\STAGING\07.DGN, \D:\60K90\STAGING\08.DGN, \D:\60K90\STAGING\09.DGN, \D:\60K90\STAGING\10.DGN, \D:\60K90\STAGING\11.DGN, \D:\60K90\STAGING\12.DGN, \D:\60K90\STAGING\13.DGN, \D:\60K90\STAGING\14.DGN, \D:\60K90\STAGING\15.DGN, \D:\60K90\STAGING\16.DGN, \D:\60K90\STAGING\17.DGN, \D:\60K90\STAGING\18.DGN, \D:\60K90\STAGING\19.DGN, \D:\60K90\STAGING\20.DGN, \D:\60K90\STAGING\21.DGN, \D:\60K90\STAGING\22.DGN, \D:\60K90\STAGING\23.DGN, \D:\60K90\STAGING\24.DGN, \D:\60K90\STAGING\25.DGN, \D:\60K90\STAGING\26.DGN, \D:\60K90\STAGING\27.DGN, \D:\60K90\STAGING\28.DGN, \D:\60K90\STAGING\29.DGN, \D:\60K90\STAGING\30.DGN, \D:\60K90\STAGING\31.DGN, \D:\60K90\STAGING\32.DGN, \D:\60K90\STAGING\33.DGN, \D:\60K90\STAGING\34.DGN, \D:\60K90\STAGING\35.DGN, \D:\60K90\STAGING\36.DGN, \D:\60K90\STAGING\37.DGN, \D:\60K90\STAGING\38.DGN, \D:\60K90\STAGING\39.DGN, \D:\60K90\STAGING\40.DGN, \D:\60K90\STAGING\41.DGN, \D:\60K90\STAGING\42.DGN, \D:\60K90\STAGING\43.DGN, \D:\60K90\STAGING\44.DGN, \D:\60K90\STAGING\45.DGN, \D:\60K90\STAGING\46.DGN, \D:\60K90\STAGING\47.DGN, \D:\60K90\STAGING\48.DGN, \D:\60K90\STAGING\49.DGN, \D:\60K90\STAGING\50.DGN, \D:\60K90\STAGING\51.DGN, \D:\60K90\STAGING\52.DGN, \D:\60K90\STAGING\53.DGN, \D:\60K90\STAGING\54.DGN, \D:\60K90\STAGING\55.DGN, \D:\60K90\STAGING\56.DGN, \D:\60K90\STAGING\57.DGN, \D:\60K90\STAGING\58.DGN, \D:\60K90\STAGING\59.DGN, \D:\60K90\STAGING\60.DGN, \D:\60K90\STAGING\61.DGN, \D:\60K90\STAGING\62.DGN, \D:\60K90\STAGING\63.DGN, \D:\60K90\STAGING\64.DGN, \D:\60K90\STAGING\65.DGN, \D:\60K90\STAGING\66.DGN, \D:\60K90\STAGING\67.DGN, \D:\60K90\STAGING\68.DGN, \D:\60K90\STAGING\69.DGN, \D:\60K90\STAGING\70.DGN, \D:\60K90\STAGING\71.DGN, \D:\60K90\STAGING\72.DGN, \D:\60K90\STAGING\73.DGN, \D:\60K90\STAGING\74.DGN, \D:\60K90\STAGING\75.DGN, \D:\60K90\STAGING\76.DGN, \D:\60K90\STAGING\77.DGN, \D:\60K90\STAGING\78.DGN, \D:\60K90\STAGING\79.DGN, \D:\60K90\STAGING\80.DGN, \D:\60K90\STAGING\81.DGN, \D:\60K90\STAGING\82.DGN, \D:\60K90\STAGING\83.DGN, \D:\60K90\STAGING\84.DGN, \D:\60K90\STAGING\85.DGN, \D:\60K90\STAGING\86.DGN, \D:\60K90\STAGING\87.DGN, \D:\60K90\STAGING\88.DGN, \D:\60K90\STAGING\89.DGN, \D:\60K90\STAGING\90.DGN, \D:\60K90\STAGING\91.DGN, \D:\60K90\STAGING\92.DGN, \D:\60K90\STAGING\93.DGN, \D:\60K90\STAGING\94.DGN, \D:\60K90\STAGING\95.DGN, \D:\60K90\STAGING\96.DGN, \D:\60K90\STAGING\97.DGN, \D:\60K90\STAGING\98.DGN, \D:\60K90\STAGING\99.DGN, \D:\60K90\STAGING\100.DGN

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TENG TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	

DESIGNED - AMB	REVISED -
DRAWN - AMB	REVISED -
CHECKED - PB	REVISED -
DATE - 05/18/11	REVISED -

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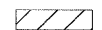


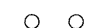

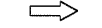

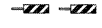

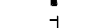


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 345 / US ROUTE 20

STAGING AND TRAFFIC CONTROL
U.S. ROUTE 20
STAGE I

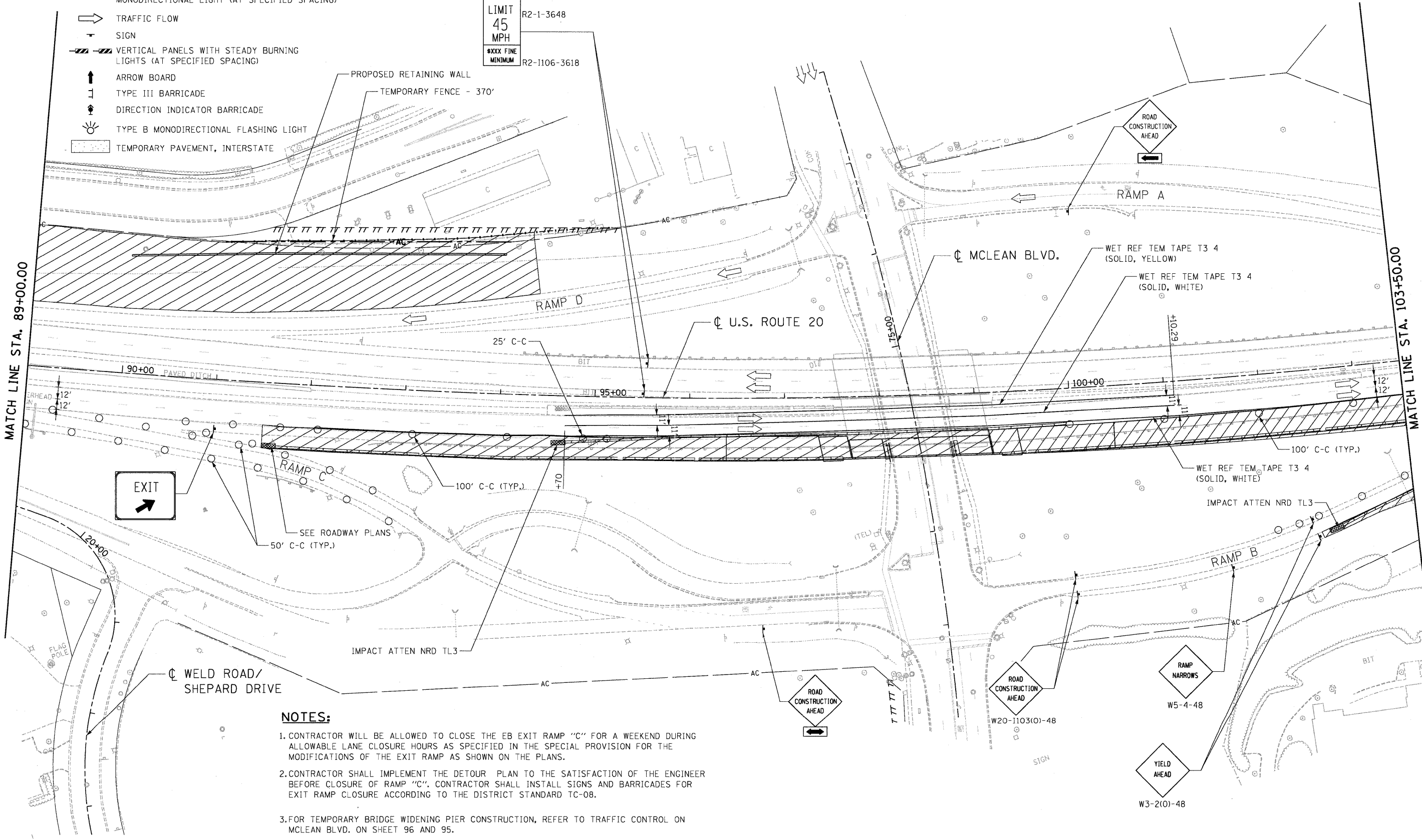
SCALE: 1"=50' SHEET NO. OF SHEETS STA. 75+00.00 TO STA. 89+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	BR-HB-2-BY-1	KANE	434	85
CONTRACT NO. 60K90				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

LEGEND

-  WORK AREA
-  IMPACT ATTENUATOR
-  TEMPORARY CONCRETE BARRIER
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
-  TRAFFIC FLOW
-  SIGN
-  VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
-  ARROW BOARD
-  TYPE III BARRICADE
-  DIRECTION INDICATOR BARRICADE
-  TYPE B MONODIRECTIONAL FLASHING LIGHT
-  TEMPORARY PAVEMENT, INTERSTATE

WORK ZONE
W2-1115(O)-3618
SPEED LIMIT
45
MPH
R2-1-3648
***XXX FINE MINIMUM
R2-1106-3618

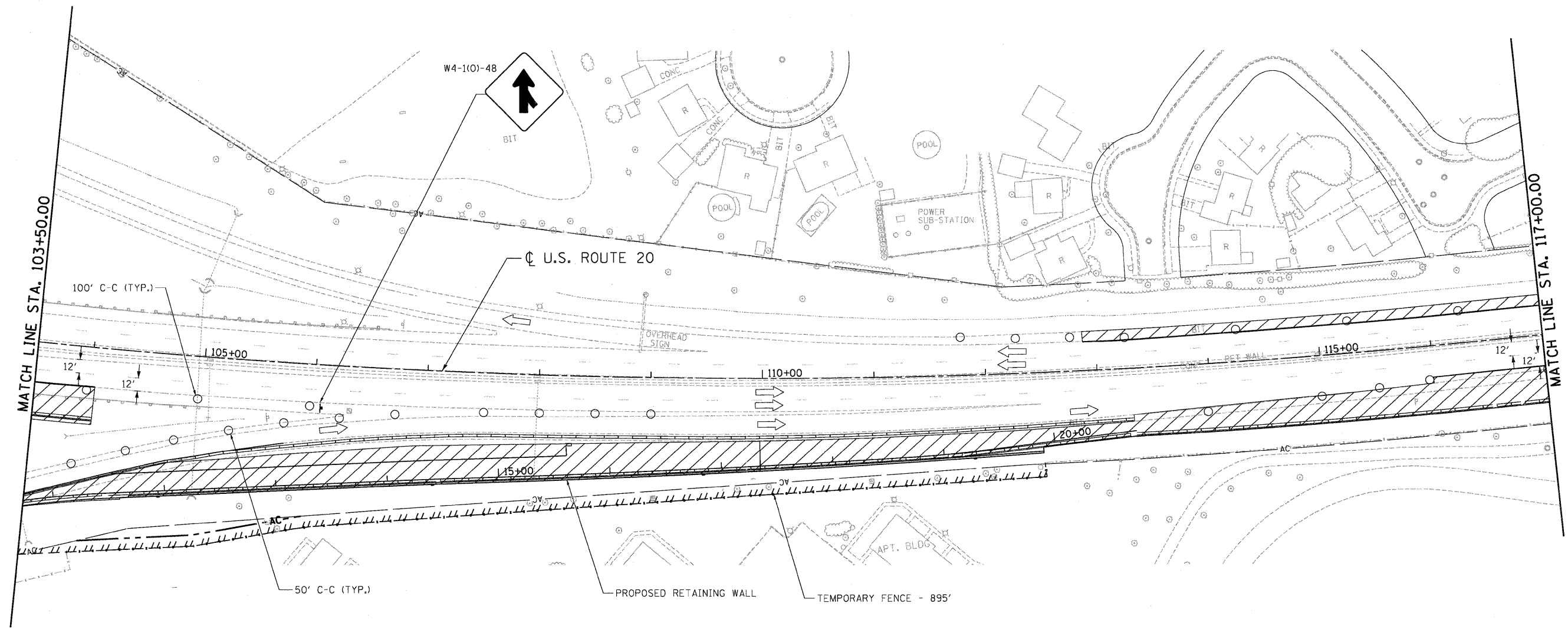


NOTES:

1. CONTRACTOR WILL BE ALLOWED TO CLOSE THE EB EXIT RAMP "C" FOR A WEEKEND DURING ALLOWABLE LANE CLOSURE HOURS AS SPECIFIED IN THE SPECIAL PROVISION FOR THE MODIFICATIONS OF THE EXIT RAMP AS SHOWN ON THE PLANS.
2. CONTRACTOR SHALL IMPLEMENT THE DETOUR PLAN TO THE SATISFACTION OF THE ENGINEER BEFORE CLOSURE OF RAMP "C". CONTRACTOR SHALL INSTALL SIGNS AND BARRICADES FOR EXIT RAMP CLOSURE ACCORDING TO THE DISTRICT STANDARD TC-08.
3. FOR TEMPORARY BRIDGE WIDENING PIER CONSTRUCTION, REFER TO TRAFFIC CONTROL ON MCLEAN BLVD. ON SHEET 96 AND 95.

\D:\168\99-BORDER\1.DGN, \D:\168\99-LEGEND.DGN, \D:\168\99-ROADWAY.DGN, \D:\168\99-STAGING.DGN, \D:\168\99-DESIGN.DGN, \D:\168\99-TOPOST.DGN
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 HAYWARMZ

FILE NAME =	USER NAME = #USER#	DESIGNED - AMB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20	STAGING AND TRAFFIC CONTROL	F.A.P R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN - AMB	REVISED -		U.S. ROUTE 20	345	BR-HB-2-BY-1	KANE	434	86	
		CHECKED - PB	REVISED -		STAGE I						
		DATE - 05/18/11	REVISED -		SCALE: 1"=50'	SHEET NO.	OF	SHEETS	STA. 89+00.00	TO STA. 103+50.00	FED. ROAD DIST. NO.
					CONTRACT NO. 60K90						



STAGE IA

LEGEND

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- DIRECTION INDICATOR BARRICADE
- TYPE B MONODIRECTIONAL FLASHING LIGHT
- TEMPORARY PAVEMENT, INTERSTATE

NOTES:

1. EASTBOUND ENTRANCE RAMP SHALL BE KEPT OPEN TO TRAFFIC AT ALL TIMES DURING CONSTRUCTION.
2. IN ORDER TO MAINTAIN RAMP "B" OPEN TO TRAFFIC, THE CONSTRUCTION ACTIVITY ASSOCIATED WITH THE RAMP IS DIVIDED IN SUB-STAGES IA & IB.
3. MAINTAIN EXISTING ENTRANCE RAMP "B" AND CONSTRUCT THE TEMPORARY RAMP "B" AS SHOWN ON THE PLANS.
4. AFTER THE CONSTRUCTION OF RETAINING WALL #045W011 THE CONTRACTOR SHALL REMOVE THE TEMPORARY CONCRETE BARRIER AND IMPACT ATTENUATOR FROM EDGE OF EXISTING RAMP B AND REPLACE IT WITH DRUMS WITH STEADY BURN LIGHTS.
5. CONTRACTOR SHALL INSTALL TEMPORARY CONCRETE BARRIER AT THE OUTSIDE EDGE OF TEMPORARY RAMP "B" AS SHOWN IN THE PLANS AT THE END OF STAGE IA.

\D:\60K90\BORDER\00.DGN, \D:\60K90\ALIGNMENT.DGN, \D:\60K90\LEGEND.DGN, \D:\60K90\POWER.DGN, \D:\60K90\STAGING\01.DGN, \D:\60K90\STAGING\02.DGN, \D:\60K90\STAGING\03.DGN, \D:\60K90\STAGING\04.DGN, \D:\60K90\STAGING\05.DGN, \D:\60K90\STAGING\06.DGN, \D:\60K90\STAGING\07.DGN, \D:\60K90\STAGING\08.DGN, \D:\60K90\STAGING\09.DGN, \D:\60K90\STAGING\10.DGN, \D:\60K90\STAGING\11.DGN, \D:\60K90\STAGING\12.DGN, \D:\60K90\STAGING\13.DGN, \D:\60K90\STAGING\14.DGN, \D:\60K90\STAGING\15.DGN, \D:\60K90\STAGING\16.DGN, \D:\60K90\STAGING\17.DGN, \D:\60K90\STAGING\18.DGN, \D:\60K90\STAGING\19.DGN, \D:\60K90\STAGING\20.DGN, \D:\60K90\STAGING\21.DGN, \D:\60K90\STAGING\22.DGN, \D:\60K90\STAGING\23.DGN, \D:\60K90\STAGING\24.DGN, \D:\60K90\STAGING\25.DGN, \D:\60K90\STAGING\26.DGN, \D:\60K90\STAGING\27.DGN, \D:\60K90\STAGING\28.DGN, \D:\60K90\STAGING\29.DGN, \D:\60K90\STAGING\30.DGN, \D:\60K90\STAGING\31.DGN, \D:\60K90\STAGING\32.DGN, \D:\60K90\STAGING\33.DGN, \D:\60K90\STAGING\34.DGN, \D:\60K90\STAGING\35.DGN, \D:\60K90\STAGING\36.DGN, \D:\60K90\STAGING\37.DGN, \D:\60K90\STAGING\38.DGN, \D:\60K90\STAGING\39.DGN, \D:\60K90\STAGING\40.DGN, \D:\60K90\STAGING\41.DGN, \D:\60K90\STAGING\42.DGN, \D:\60K90\STAGING\43.DGN, \D:\60K90\STAGING\44.DGN, \D:\60K90\STAGING\45.DGN, \D:\60K90\STAGING\46.DGN, \D:\60K90\STAGING\47.DGN, \D:\60K90\STAGING\48.DGN, \D:\60K90\STAGING\49.DGN, \D:\60K90\STAGING\50.DGN, \D:\60K90\STAGING\51.DGN, \D:\60K90\STAGING\52.DGN, \D:\60K90\STAGING\53.DGN, \D:\60K90\STAGING\54.DGN, \D:\60K90\STAGING\55.DGN, \D:\60K90\STAGING\56.DGN, \D:\60K90\STAGING\57.DGN, \D:\60K90\STAGING\58.DGN, \D:\60K90\STAGING\59.DGN, \D:\60K90\STAGING\60.DGN, \D:\60K90\STAGING\61.DGN, \D:\60K90\STAGING\62.DGN, \D:\60K90\STAGING\63.DGN, \D:\60K90\STAGING\64.DGN, \D:\60K90\STAGING\65.DGN, \D:\60K90\STAGING\66.DGN, \D:\60K90\STAGING\67.DGN, \D:\60K90\STAGING\68.DGN, \D:\60K90\STAGING\69.DGN, \D:\60K90\STAGING\70.DGN, \D:\60K90\STAGING\71.DGN, \D:\60K90\STAGING\72.DGN, \D:\60K90\STAGING\73.DGN, \D:\60K90\STAGING\74.DGN, \D:\60K90\STAGING\75.DGN, \D:\60K90\STAGING\76.DGN, \D:\60K90\STAGING\77.DGN, \D:\60K90\STAGING\78.DGN, \D:\60K90\STAGING\79.DGN, \D:\60K90\STAGING\80.DGN, \D:\60K90\STAGING\81.DGN, \D:\60K90\STAGING\82.DGN, \D:\60K90\STAGING\83.DGN, \D:\60K90\STAGING\84.DGN, \D:\60K90\STAGING\85.DGN, \D:\60K90\STAGING\86.DGN, \D:\60K90\STAGING\87.DGN, \D:\60K90\STAGING\88.DGN, \D:\60K90\STAGING\89.DGN, \D:\60K90\STAGING\90.DGN, \D:\60K90\STAGING\91.DGN, \D:\60K90\STAGING\92.DGN, \D:\60K90\STAGING\93.DGN, \D:\60K90\STAGING\94.DGN, \D:\60K90\STAGING\95.DGN, \D:\60K90\STAGING\96.DGN, \D:\60K90\STAGING\97.DGN, \D:\60K90\STAGING\98.DGN, \D:\60K90\STAGING\99.DGN, \D:\60K90\STAGING\100.DGN

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TENG TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	

DESIGNED - AMB	REVISED -
DRAWN - AMB	REVISED -
CHECKED - PB	REVISED -
DATE - 05/18/11	REVISED -

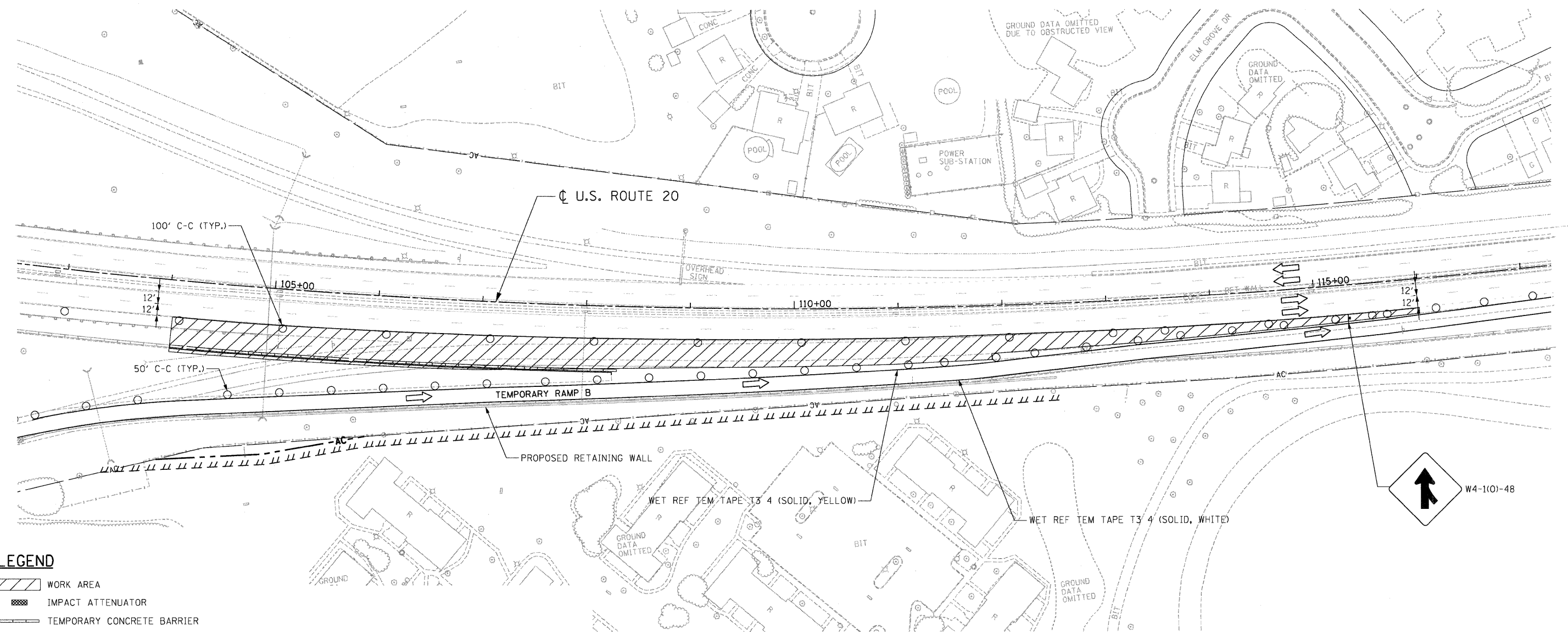
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DATE - 05/18/11	REVISED -

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











STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	
FAP ROUTE 345 / US ROUTE 20	

STAGING AND TRAFFIC CONTROL			
U.S. ROUTE 20			
STAGE I			
SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. 103+50.00 TO STA. 117+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	BR-HB-2-BY-1	KANE	434	87
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K90	



LEGEND

-  WORK AREA
-  IMPACT ATTENUATOR
-  TEMPORARY CONCRETE BARRIER
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
-  TRAFFIC FLOW
-  SIGN
-  VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
-  ARROW BOARD
-  TYPE III BARRICADE
-  DIRECTION INDICATOR BARRICADE
-  TYPE B MONODIRECTIONAL FLASHING LIGHT
-  TEMPORARY PAVEMENT, INTERSTATE

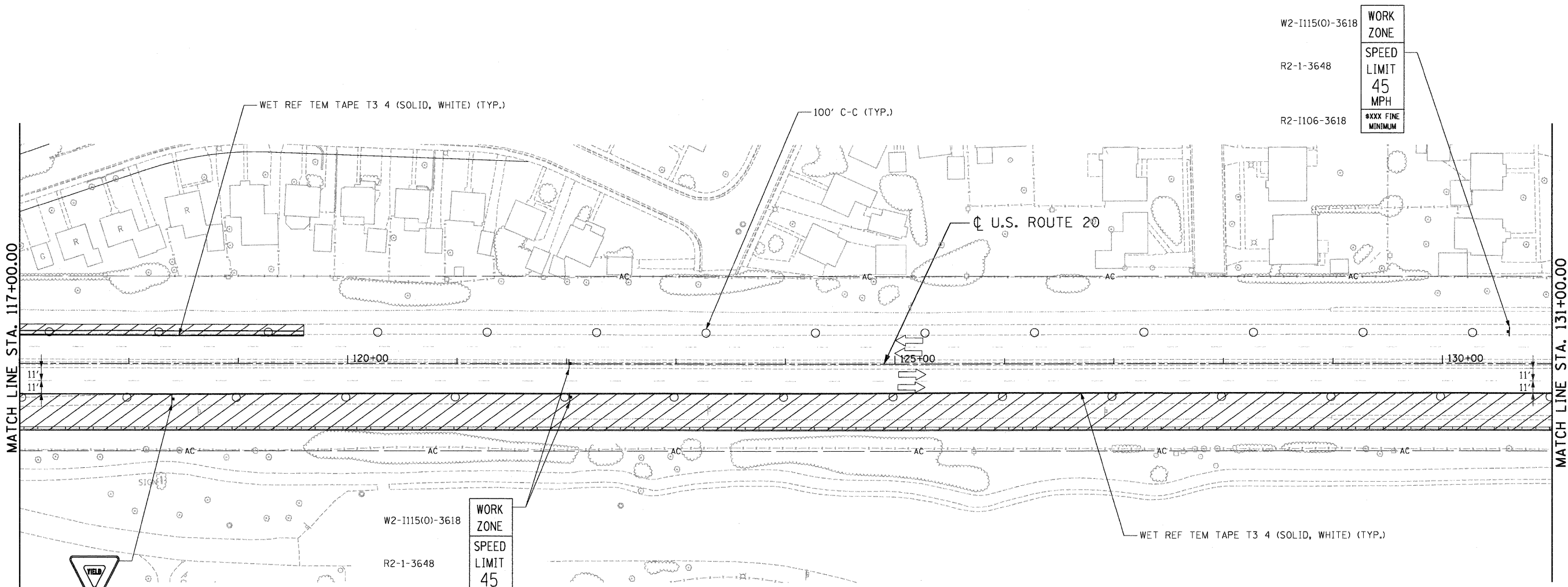
NOTES:

1. EASTBOUND ENTRANCE RAMP SHALL BE KEPT OPEN TO TRAFFIC AT ALL TIMES DURING CONSTRUCTION.
2. IN ORDER TO MAINTAIN RAMP "B" OPEN TO TRAFFIC, THE CONSTRUCTION ACTIVITY ASSOCIATED WITH THE RAMP IS DIVIDED IN SUB-STAGES IA & IB.
3. SHIFT THE TRAFFIC TO TEMPORARY RAMP "B" AND COMPLETE THE WIDENING OF THE EB US 20 AS SHOWN ON THE PLANS.

STAGE IB

.\D168K99-ROD\1.DGN, .\D168K99-LEGEND.DGN, .\D168K99-ROADWAY.DGN, .\D168K99-TOPSOFT.DGN, .\D168K99-DESIGN.DGN, .\D168K99-TOPO.DGN
 .\D168K99-BUILD\1.DGN, .\D168K99-MASTER-AL\1.DGN, .\D168K99-LEGEND.DGN, .\D168K99-ROADWAY.DGN, .\D168K99-TOPSOFT.DGN, .\D168K99-DESIGN.DGN, .\D168K99-TOPO.DGN
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TENG TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	FILE NAME =	USER NAME = #USER#	DESIGNED - MM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20	STAGING AND TRAFFIC CONTROL U.S. ROUTE 20 STAGE I		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		DATE - 05/18/11	REVISED -					FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



W2-1115(0)-3618
R2-1-3648
R2-1106-3618

WORK ZONE
SPEED LIMIT 45 MPH
*XXX FINE MINIMUM

W2-1115(0)-3618
R2-1-3648
R2-1106-3618

WORK ZONE
SPEED LIMIT 45 MPH
*XXX FINE MINIMUM

R1-2-48

- LEGEND**
- WORK AREA
 - IMPACT ATTENUATOR
 - TEMPORARY CONCRETE BARRIER
 - TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
 - TRAFFIC FLOW
 - SIGN
 - VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
 - ARROW BOARD
 - TYPE III BARRICADE
 - DIRECTION INDICATOR BARRICADE
 - TYPE B MONODIRECTIONAL FLASHING LIGHT
 - TEMPORARY PAVEMENT, INTERSTATE

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 HAYMARZ

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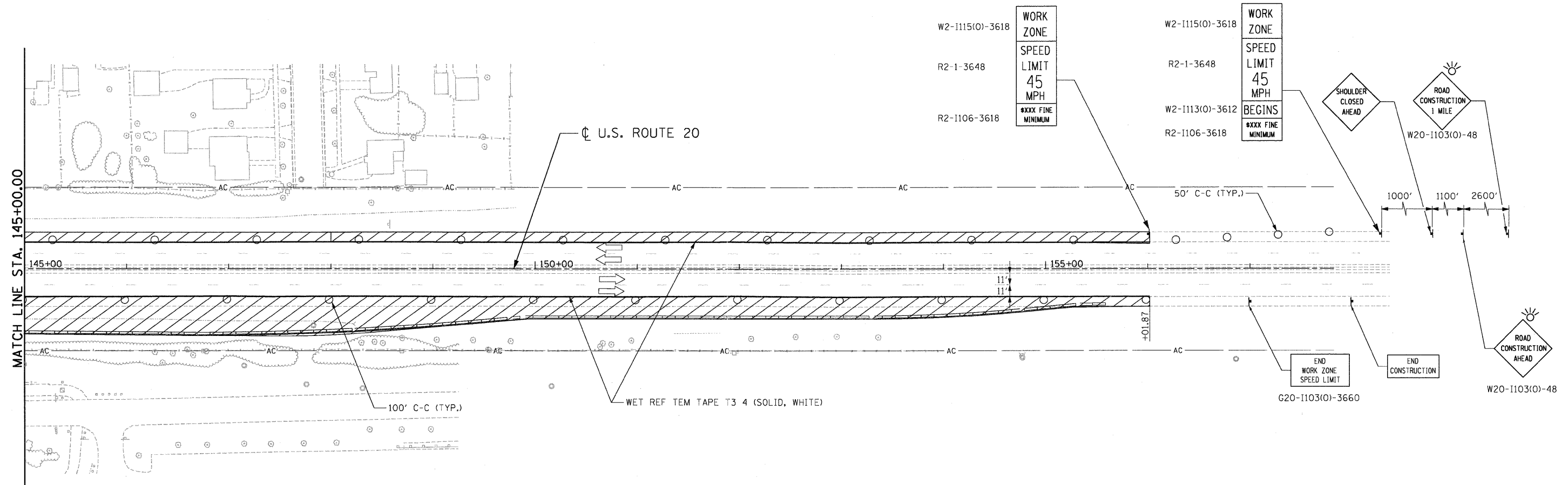
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 345 / US ROUTE 20

STAGING AND TRAFFIC CONTROL
U.S. ROUTE 20
STAGE I

SCALE: 1"=50' SHEET NO. OF SHEETS STA. 117+00.00 TO STA. 131+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-HB-2-BY-1	KANE	434	89
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60K90	





LEGEND

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- DIRECTION INDICATOR BARRICADE
- TYPE B MONODIRECTIONAL FLASHING LIGHT
- TEMPORARY PAVEMENT, INTERSTATE

.\166K90-BORDER.DGN, .\166K90-LEGEND.DGN, .\166K90-ROADWAY.DGN, .\166K90-STAGING.DGN, .\166K90-TOP.DGN, .\166K90-DESIGN.DGN
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 345 / US ROUTE 20

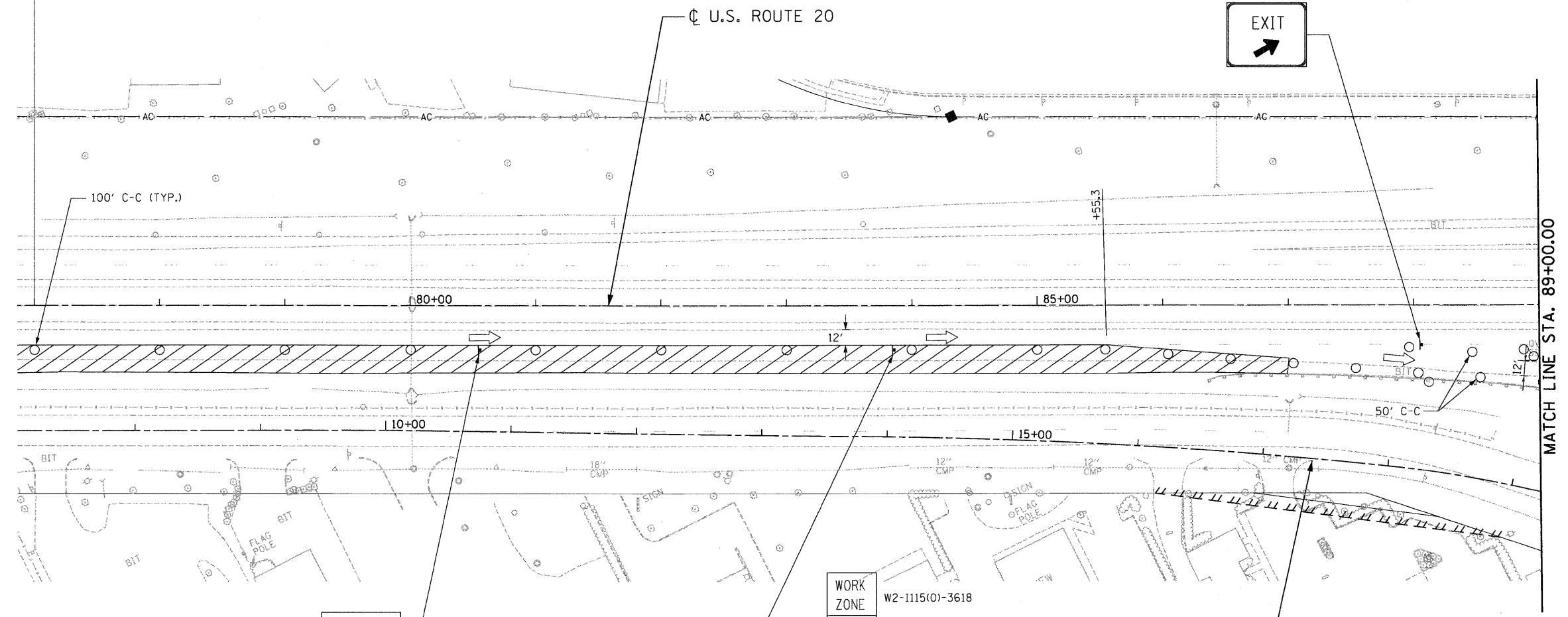
STAGING AND TRAFFIC CONTROL			
U.S. ROUTE 20			
STAGE I			
SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. 145+00.00 TO STA. 156+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-HB-2-BY-1	KANE	434	91
CONTRACT NO. 60K90				
ILLINOIS/FED. AID PROJECT				





REFER TO STD NO. 701422 FOR
APPROACH AND TAPER TO LANE CLOSURE



LEGEND

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- DIRECTION INDICATOR BARRICADE
- TYPE B MONODIRECTIONAL FLASHING LIGHT

EXIT
OPEN
AHEAD
D4-I102(G)

WORK
ZONE
W2-I115(O)-3618
SPEED
LIMIT
45
MPH
R2-I-3648
*XXX FINE
MINIMUM
R2-I106-3618

**STAGE I
TYPICAL NIGHT LANE CLOSURE**












NOTES:

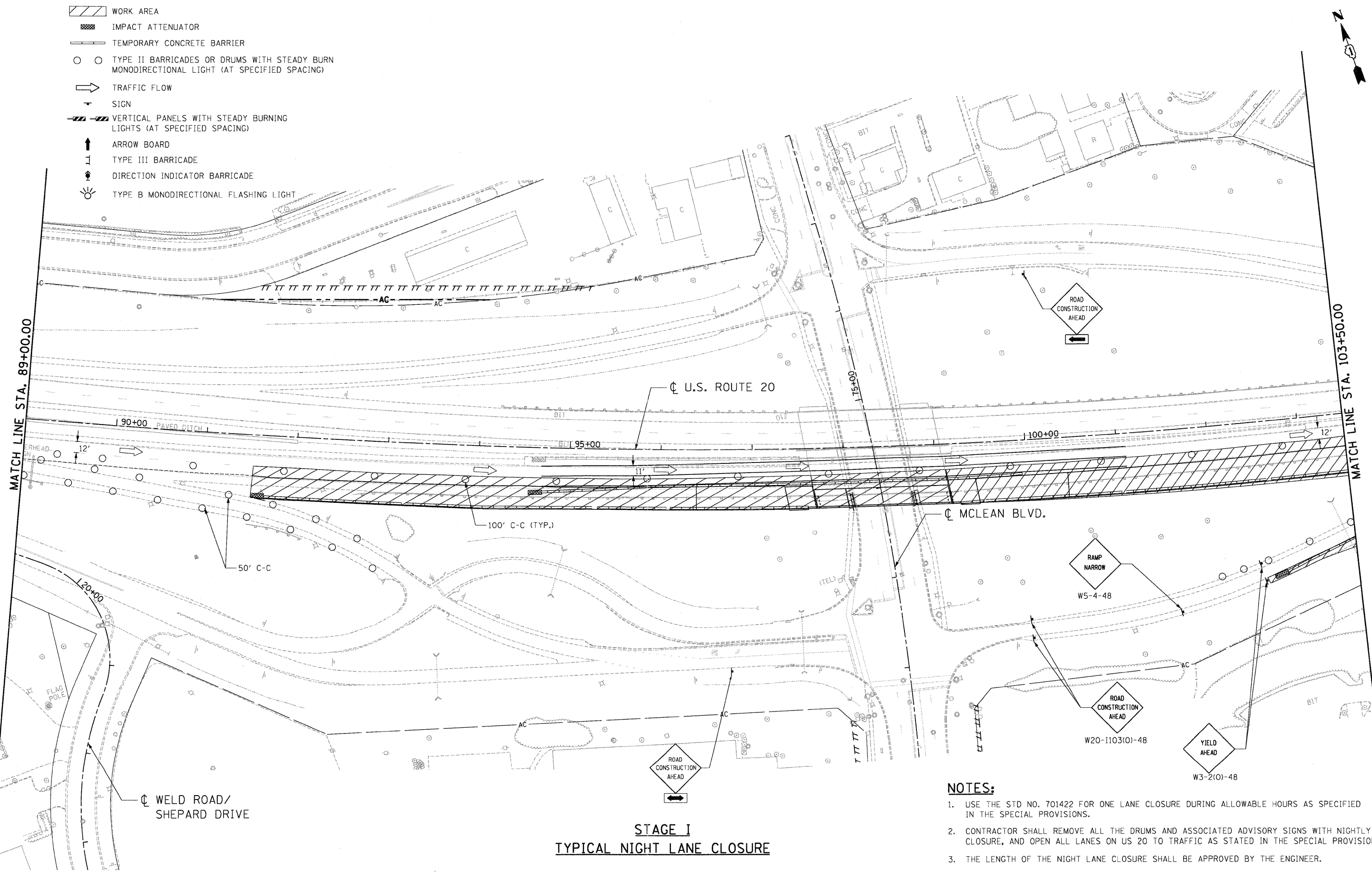
1. USE THE STD NO. 701422 FOR ONE LANE CLOSURE DURING ALLOWABLE HOURS AS SPECIFIED IN THE SPECIAL PROVISIONS.
2. CONTRACTOR SHALL REMOVE ALL THE DRUMS AND ASSOCIATED ADVISORY SIGNS WITH NIGHTLY LANE CLOSURE, AND OPEN ALL LANES ON US 20 TO TRAFFIC AS STATED IN THE SPECIAL PROVISIONS.
3. THE LENGTH OF THE NIGHT LANE CLOSURE SHALL BE APPROVED BY THE ENGINEER.

D:\168K90\BORDER\01.DGN, D:\168K90\BORDER\02.DGN, D:\168K90\BORDER\03.DGN, D:\168K90\BORDER\04.DGN, D:\168K90\BORDER\05.DGN, D:\168K90\BORDER\06.DGN, D:\168K90\BORDER\07.DGN, D:\168K90\BORDER\08.DGN, D:\168K90\BORDER\09.DGN, D:\168K90\BORDER\10.DGN, D:\168K90\BORDER\11.DGN, D:\168K90\BORDER\12.DGN, D:\168K90\BORDER\13.DGN, D:\168K90\BORDER\14.DGN, D:\168K90\BORDER\15.DGN, D:\168K90\BORDER\16.DGN, D:\168K90\BORDER\17.DGN, D:\168K90\BORDER\18.DGN, D:\168K90\BORDER\19.DGN, D:\168K90\BORDER\20.DGN, D:\168K90\BORDER\21.DGN, D:\168K90\BORDER\22.DGN, D:\168K90\BORDER\23.DGN, D:\168K90\BORDER\24.DGN, D:\168K90\BORDER\25.DGN, D:\168K90\BORDER\26.DGN, D:\168K90\BORDER\27.DGN, D:\168K90\BORDER\28.DGN, D:\168K90\BORDER\29.DGN, D:\168K90\BORDER\30.DGN, D:\168K90\BORDER\31.DGN, D:\168K90\BORDER\32.DGN, D:\168K90\BORDER\33.DGN, D:\168K90\BORDER\34.DGN, D:\168K90\BORDER\35.DGN, D:\168K90\BORDER\36.DGN, D:\168K90\BORDER\37.DGN, D:\168K90\BORDER\38.DGN, D:\168K90\BORDER\39.DGN, D:\168K90\BORDER\40.DGN, D:\168K90\BORDER\41.DGN, D:\168K90\BORDER\42.DGN, D:\168K90\BORDER\43.DGN, D:\168K90\BORDER\44.DGN, D:\168K90\BORDER\45.DGN, D:\168K90\BORDER\46.DGN, D:\168K90\BORDER\47.DGN, D:\168K90\BORDER\48.DGN, D:\168K90\BORDER\49.DGN, D:\168K90\BORDER\50.DGN, D:\168K90\BORDER\51.DGN, D:\168K90\BORDER\52.DGN, D:\168K90\BORDER\53.DGN, D:\168K90\BORDER\54.DGN, D:\168K90\BORDER\55.DGN, D:\168K90\BORDER\56.DGN, D:\168K90\BORDER\57.DGN, D:\168K90\BORDER\58.DGN, D:\168K90\BORDER\59.DGN, D:\168K90\BORDER\60.DGN, D:\168K90\BORDER\61.DGN, D:\168K90\BORDER\62.DGN, D:\168K90\BORDER\63.DGN, D:\168K90\BORDER\64.DGN, D:\168K90\BORDER\65.DGN, D:\168K90\BORDER\66.DGN, D:\168K90\BORDER\67.DGN, D:\168K90\BORDER\68.DGN, D:\168K90\BORDER\69.DGN, D:\168K90\BORDER\70.DGN, D:\168K90\BORDER\71.DGN, D:\168K90\BORDER\72.DGN, D:\168K90\BORDER\73.DGN, D:\168K90\BORDER\74.DGN, D:\168K90\BORDER\75.DGN, D:\168K90\BORDER\76.DGN, D:\168K90\BORDER\77.DGN, D:\168K90\BORDER\78.DGN, D:\168K90\BORDER\79.DGN, D:\168K90\BORDER\80.DGN, D:\168K90\BORDER\81.DGN, D:\168K90\BORDER\82.DGN, D:\168K90\BORDER\83.DGN, D:\168K90\BORDER\84.DGN, D:\168K90\BORDER\85.DGN, D:\168K90\BORDER\86.DGN, D:\168K90\BORDER\87.DGN, D:\168K90\BORDER\88.DGN, D:\168K90\BORDER\89.DGN, D:\168K90\BORDER\90.DGN, D:\168K90\BORDER\91.DGN, D:\168K90\BORDER\92.DGN, D:\168K90\BORDER\93.DGN, D:\168K90\BORDER\94.DGN, D:\168K90\BORDER\95.DGN, D:\168K90\BORDER\96.DGN, D:\168K90\BORDER\97.DGN, D:\168K90\BORDER\98.DGN, D:\168K90\BORDER\99.DGN, D:\168K90\BORDER\100.DGN

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#FILEL#		DRAWN - SA	REVISED -		SCALE: 1"=50'	SHEET NO.	OF	SHEETS	STA. 75+00.00	TO STA. 89+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
PLOT SCALE = #SCALE#		CHECKED - PB	REVISED -									
PLOT DATE = #DATE#		DATE - 05/18/11	REVISED -									
				CONTRACT NO. 60K90								

LEGEND

-  WORK AREA
-  IMPACT ATTENUATOR
-  TEMPORARY CONCRETE BARRIER
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
-  TRAFFIC FLOW
-  SIGN
-  VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
-  ARROW BOARD
-  TYPE III BARRICADE
-  DIRECTION INDICATOR BARRICADE
-  TYPE B MONODIRECTIONAL FLASHING LIGHT



**STAGE I
TYPICAL NIGHT LANE CLOSURE**

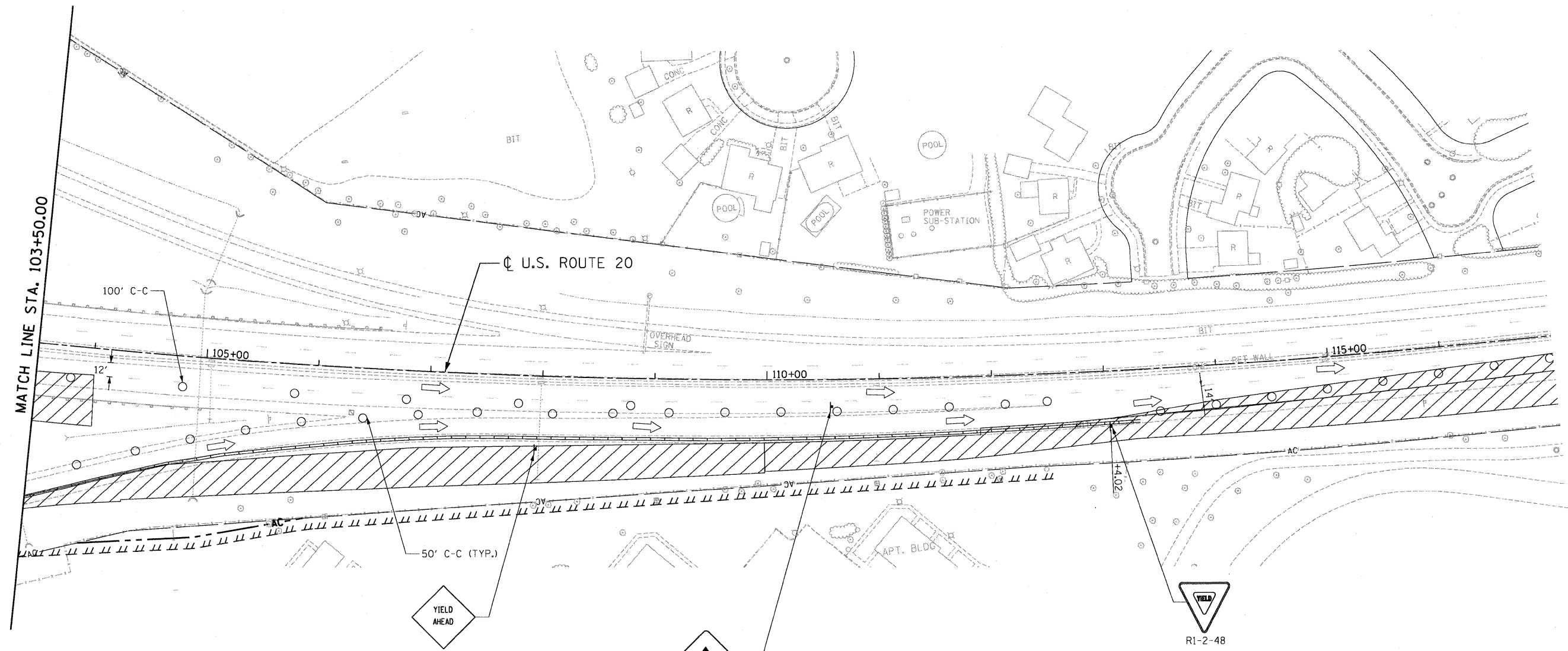
NOTES:

1. USE THE STD NO. 701422 FOR ONE LANE CLOSURE DURING ALLOWABLE HOURS AS SPECIFIED IN THE SPECIAL PROVISIONS.
2. CONTRACTOR SHALL REMOVE ALL THE DRUMS AND ASSOCIATED ADVISORY SIGNS WITH NIGHTLY LANE CLOSURE, AND OPEN ALL LANES ON US 20 TO TRAFFIC AS STATED IN THE SPECIAL PROVISIONS.
3. THE LENGTH OF THE NIGHT LANE CLOSURE SHALL BE APPROVED BY THE ENGINEER.

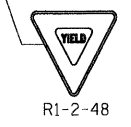
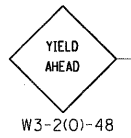
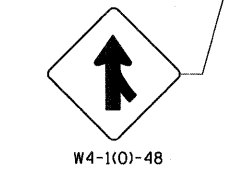
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FILE NAME =	USER NAME = #USER#	DESIGNED - SA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING AND TRAFFIC CONTROL U.S. ROUTE 20 STAGE I NIGHT LANE CLOSURE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - SA	REVISED -	FAP ROUTE 345 / US ROUTE 20	SCALE: 1"=50'	345	BR-HB-2-BY-1	KANE	434	93
		CHECKED - PB	REVISED -		SHEET NO. OF SHEETS	CONTRACT NO. 60K90				
		DATE - 05/18/11	REVISED -		STA. 89+00.00 TO STA. 103+50.00	ILLINOIS FED. AID PROJECT				





- LEGEND**
- WORK AREA
 - IMPACT ATTENUATOR
 - TEMPORARY CONCRETE BARRIER
 - TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
 - TRAFFIC FLOW
 - SIGN
 - VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
 - ARROW BOARD
 - TYPE III BARRICADE
 - DIRECTION INDICATOR BARRICADE
 - TYPE B MONODIRECTIONAL FLASHING LIGHT



**STAGE I
TYPICAL NIGHT LANE CLOSURE**

NOTES:

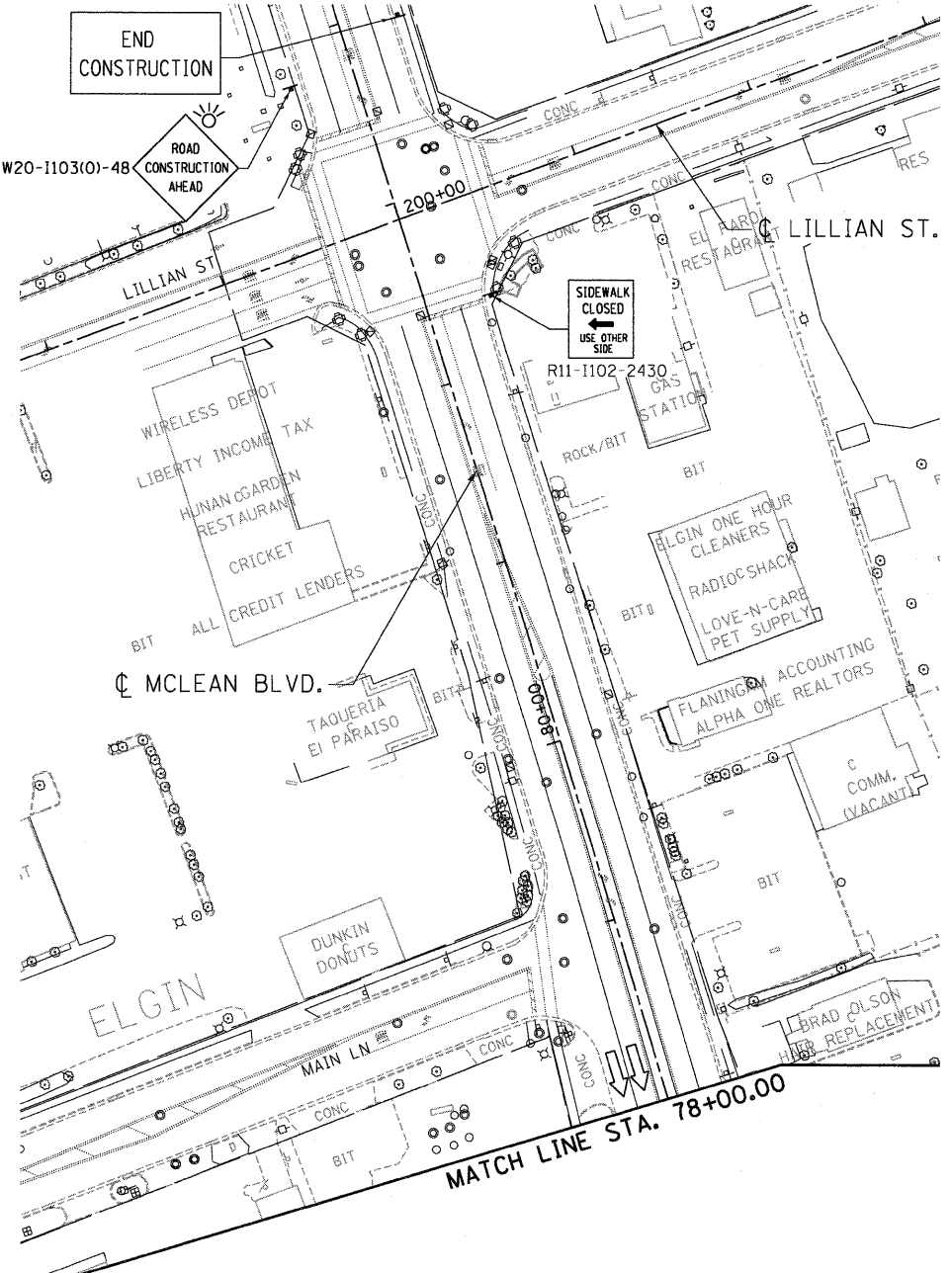
1. USE THE STD NO. 701422 FOR ONE LANE CLOSURE DURING ALLOWABLE HOURS AS SPECIFIED IN THE SPECIAL PROVISIONS.
2. CONTRACTOR SHALL REMOVE ALL THE DRUMS AND ASSOCIATED ADVISORY SIGNS WITH NIGHTLY LANE CLOSURE, AND OPEN ALL LANES ON US 20 TO TRAFFIC AS STATED IN THE SPECIAL PROVISIONS.
3. THE LENGTH OF THE NIGHT LANE CLOSURE SHALL BE APPROVED BY THE ENGINEER.

\D:\60K90\BORDER\01.DGN, \D:\60K90\BORDER\ALIGNMENT.DGN, \D:\60K90\LEGEND.DGN, \D:\60K90\TOPDE.DGN, \D:\60K90\STAGING\01.DGN
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PLOT DATE = #DATE#		DATE - 05/18/11	REVISED -		SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. 103+50.00 TO STA. 117+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



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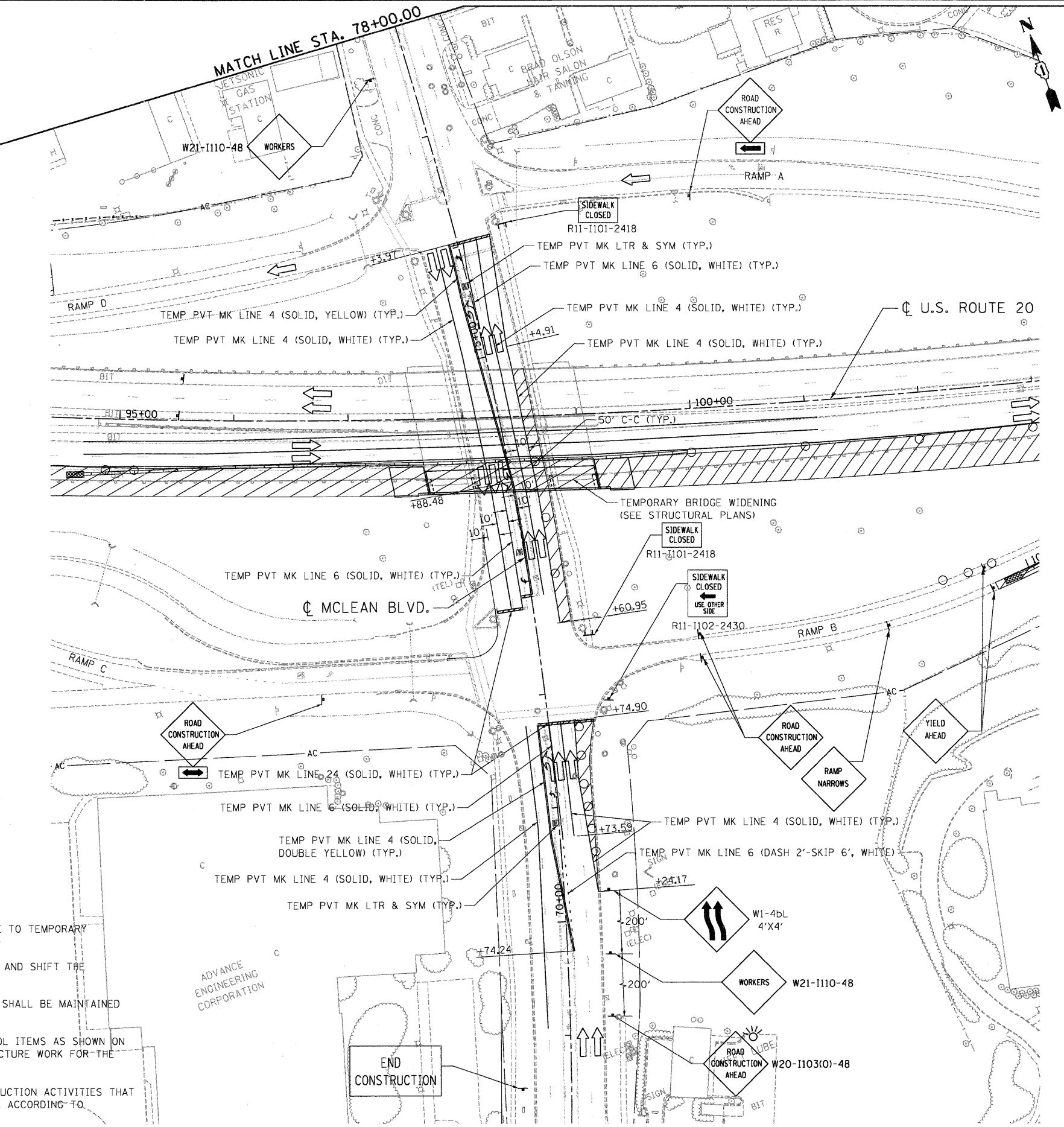


LEGEND

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- DIRECTION INDICATOR BARRICADE
- TYPE B MONODIRECTIONAL FLASHING LIGHT
- TEMPORARY PAVEMENT, INTERSTATE

NOTES:

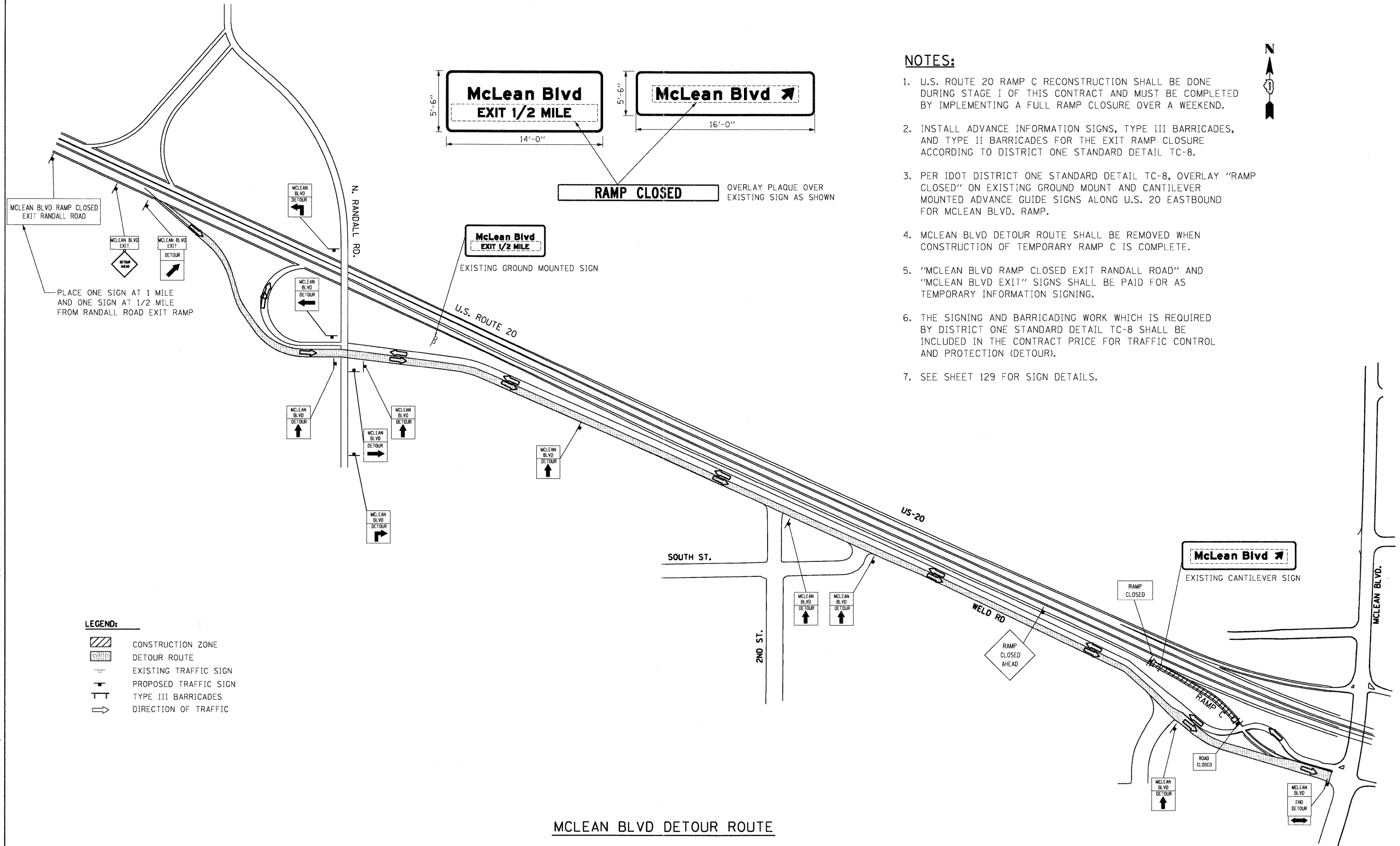
1. WORK AREA ALONG NORTHBOUND MCLEAN BLVD DUE TO TEMPORARY BRIDGE WIDENING PIER CONSTRUCTION.
2. CONTRACTOR SHALL CLOSE THE NB OUTSIDE LANE AND SHIFT THE MCLEAN BLVD TRAFFIC TO THE WEST.
3. TWO 10' THROUGH LANES AND A LEFT TURN LANE SHALL BE MAINTAINED IN EACH DIRECTION.
4. CONTRACTOR SHALL INSTALL THE TRAFFIC CONTROL ITEMS AS SHOWN ON THIS SHEET BEFORE THE START OF ANY SUBSTRUCTURE WORK FOR THE BRIDGE WIDENING.
5. CONTRACTOR SHALL COORDINATE BETWEEN CONSTRUCTION ACTIVITIES THAT PROPER ADVANCED ADVISORY SIGNS ARE IN PLACE ACCORDING TO APPLICABLE STANDARDS.



TENG TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	FILE NAME =	USER NAME = SUSER@	DESIGNED - AMB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20	STAGING AND TRAFFIC CONTROL TEMPORARY BRIDGE WIDENING - PIER 2 STAGE I			F.A.P. RTE. 345	SECTION 8R-HB-2-BY-1	COUNTY KANE	TOTAL SHEETS 434	SHEET NO. 96
	DESIGNED - AMB	REVISIONS	CHECKED - PB	REVISIONS		SCALE: 1"=50'	SHEET NO.	OF SHEETS	STA. 69+00.00 TO STA. 78+00.00	CONTRACT NO. 60K90 ILLINOIS FED. AID PROJECT			

NOTES:

1. U.S. ROUTE 20 RAMP C RECONSTRUCTION SHALL BE DONE DURING STAGE I OF THIS CONTRACT AND MUST BE COMPLETED BY IMPLEMENTING A FULL RAMP CLOSURE OVER A WEEKEND.
2. INSTALL ADVANCE INFORMATION SIGNS, TYPE III BARRICADES, AND TYPE II BARRICADES FOR THE EXIT RAMP CLOSURE ACCORDING TO DISTRICT ONE STANDARD DETAIL TC-8.
3. PER IDOT DISTRICT ONE STANDARD DETAIL TC-8, OVERLAY "RAMP CLOSED" ON EXISTING GROUND MOUNT AND CANTILEVER MOUNTED ADVANCE GUIDE SIGNS ALONG U.S. 20 EASTBOUND FOR MCLEAN BLVD. RAMP.
4. MCLEAN BLVD DETOUR ROUTE SHALL BE REMOVED WHEN CONSTRUCTION OF TEMPORARY RAMP C IS COMPLETE.
5. "MCLEAN BLVD RAMP CLOSED EXIT RANDALL ROAD" AND "MCLEAN BLVD EXIT" SIGNS SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.
6. THE SIGNING AND BARRICADING WORK WHICH IS REQUIRED BY DISTRICT ONE STANDARD DETAIL TC-8 SHALL BE INCLUDED IN THE CONTRACT PRICE FOR TRAFFIC CONTROL AND PROTECTION (DETOUR).
7. SEE SHEET 129 FOR SIGN DETAILS.



MCLEAN BLVD RAMP CLOSED EXIT RANDALL ROAD

PLACE ONE SIGN AT 1 MILE AND ONE SIGN AT 1/2 MILE FROM RANDALL ROAD EXIT RAMP

LEGEND:

	CONSTRUCTION ZONE
	DETOUR ROUTE
	EXISTING TRAFFIC SIGN
	PROPOSED TRAFFIC SIGN
	TYPE III BARRICADES
	DIRECTION OF TRAFFIC

MCLEAN BLVD DETOUR ROUTE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP ROUTE 345 / US ROUTE 20

STAGING AND TRAFFIC CONTROL
U.S. ROUTE 20 - RAMP C
DETOUR PLAN - STAGE I

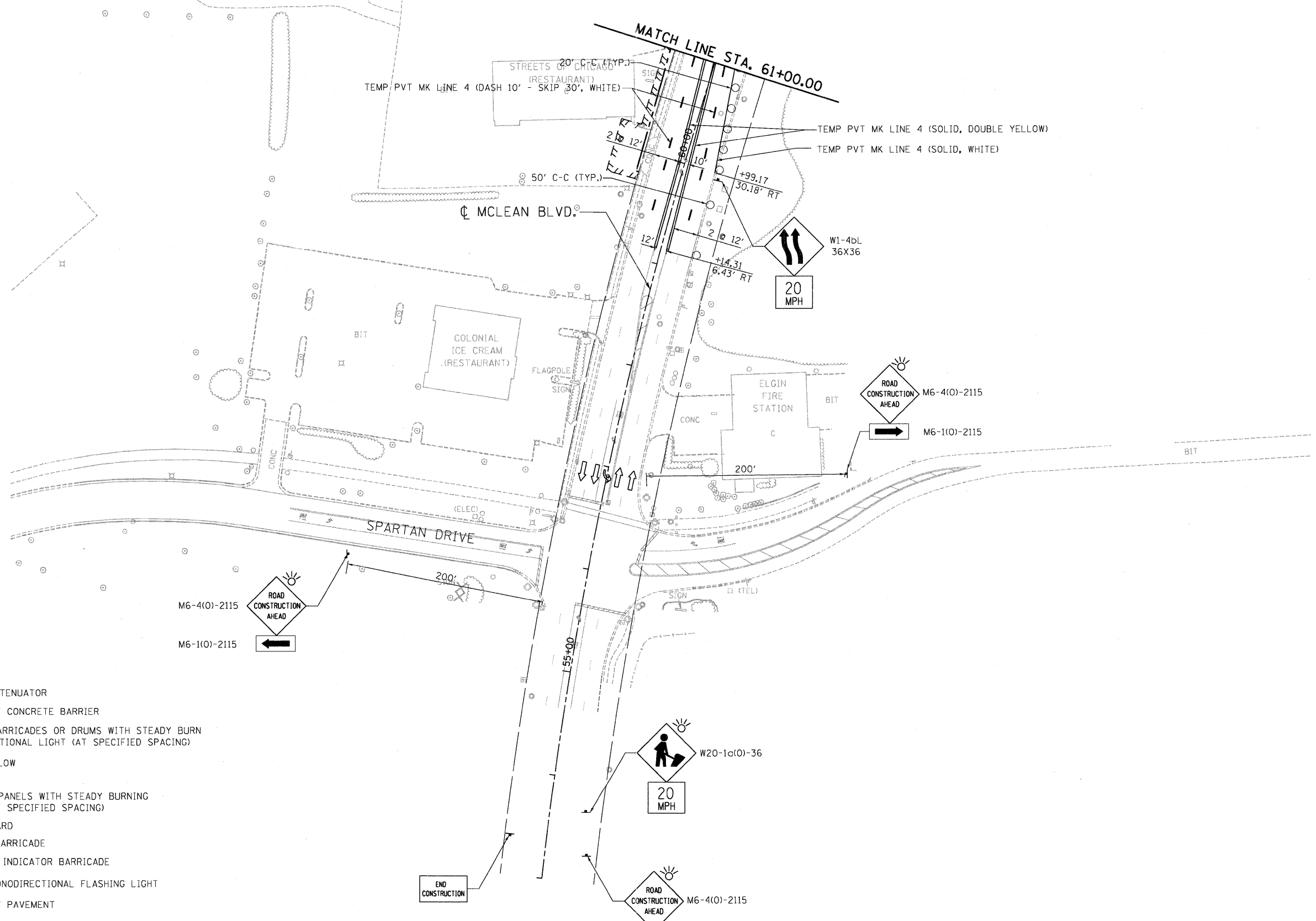
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-HB-2-BY-1	KANE	434	97

CONTRACT NO. 60K90

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LEGEND

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- DIRECTION INDICATOR BARRICADE
- TYPE B MONODIRECTIONAL FLASHING LIGHT
- TEMPORARY PAVEMENT

ADMINISTER: ALI.DMNT.DGN, ...DIBK99.TOPD.LM.DGN, ...DIBK99.STAGING.M.DGN, ...DIBK99.BORDER.DGN, ...DIBK99.LEGEND.DGN, ...DIBK99.BRAIN.PLOT.DGN, ...DIBK99.TPDE.DGN, ...DIBK99.FLOW.SD.DGN
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TENG TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

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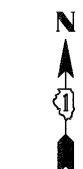
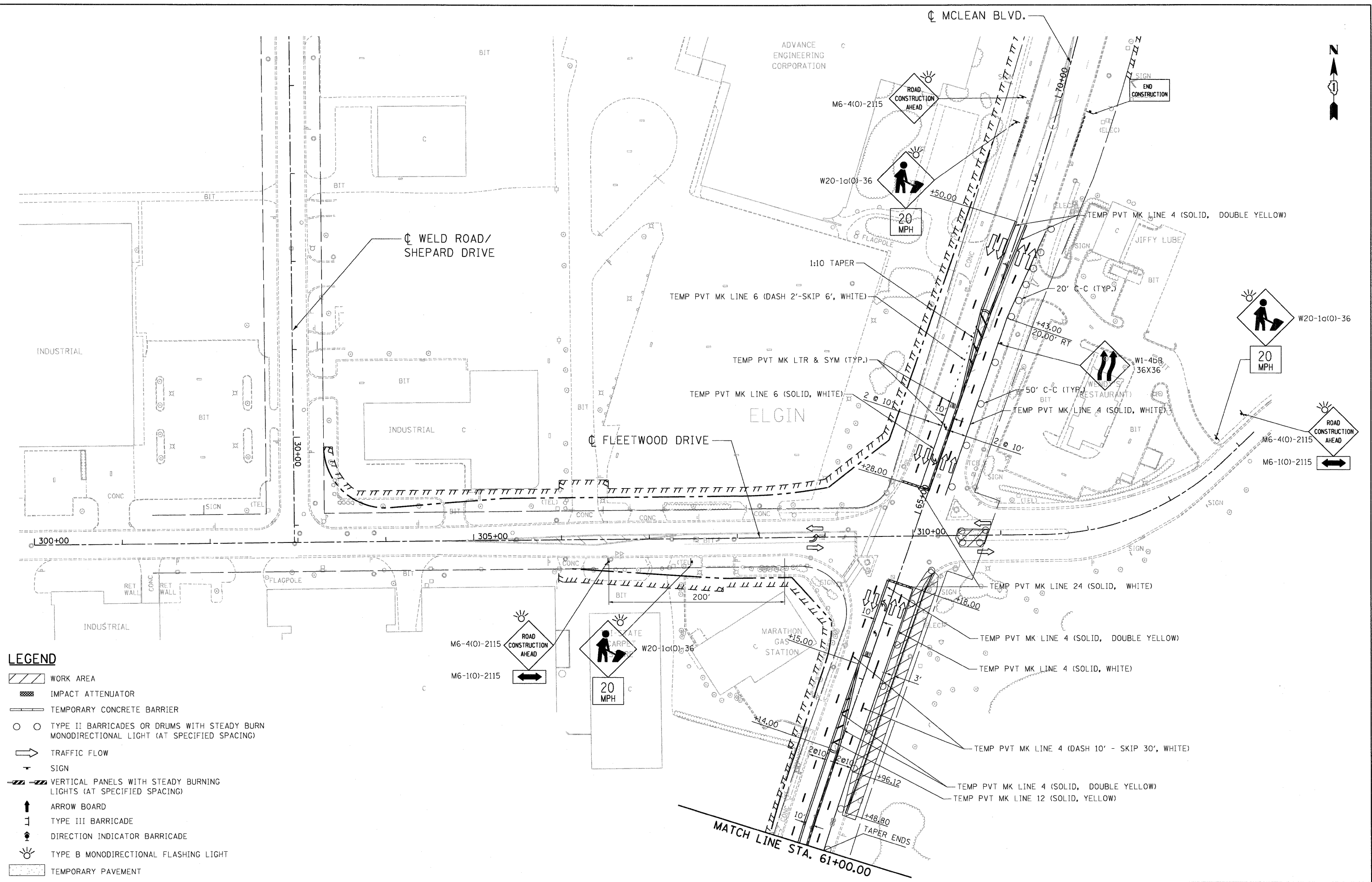
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP ROUTE 345 / US ROUTE 20

SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. 54+00.00 TO STA. 61+00.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-HB-2-BY-1	KANE	434	98
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

STAGING AND TRAFFIC CONTROL	
MCLEAN BOULEVARD AND SIDE STREETS	
STAGE I	
CONTRACT NO. 60K90	

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LEGEND

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- DIRECTION INDICATOR BARRICADE
- TYPE B MONODIRECTIONAL FLASHING LIGHT
- TEMPORARY PAVEMENT

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**
FAP ROUTE 345 / US ROUTE 20

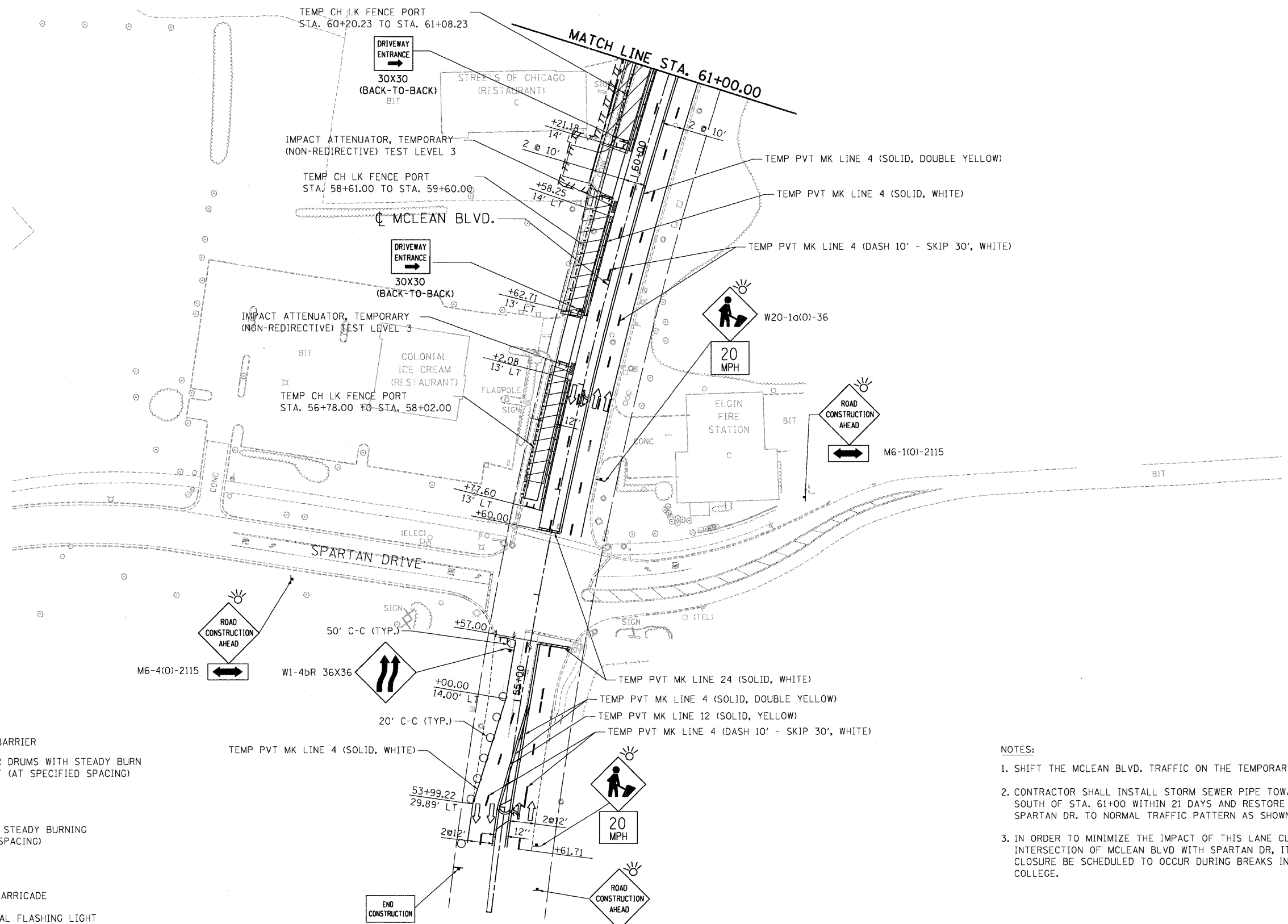
**STAGING AND TRAFFIC CONTROL
MCLEAN BOULEVARD AND SIDE STREETS
STAGE I**

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











F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-HB-2-BY-1	KANE	434	99
CONTRACT NO. 60K90				

SCALE: 1"=50' SHEET NO. OF SHEETS STA. 61+00.00 TO STA. 70+00.00

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



LEGEND

-  WORK AREA
-  IMPACT ATTENUATOR
-  TEMPORARY CONCRETE BARRIER
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
-  TRAFFIC FLOW
-  SIGN
-  VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
-  ARROW BOARD
-  TYPE III BARRICADE
-  DIRECTION INDICATOR BARRICADE
-  TYPE B MONODIRECTIONAL FLASHING LIGHT
-  TEMPORARY PAVEMENT

NOTES:

1. SHIFT THE MCLEAN BLVD. TRAFFIC ON THE TEMPORARY PAVEMENT.
2. CONTRACTOR SHALL INSTALL STORM SEWER PIPE TOWARDS WEST SIDE OF MCLEAN BLVD. AND SOUTH OF STA. 61+00 WITHIN 21 DAYS AND RESTORE THE MCLEAN BLVD. TRAFFIC AT SPARTAN DR. TO NORMAL TRAFFIC PATTERN AS SHOWN IN STAGE I.2.
3. IN ORDER TO MINIMIZE THE IMPACT OF THIS LANE CLOSURE ON TRAFFIC USING THE INTERSECTION OF MCLEAN BLVD WITH SPARTAN DR, IT IS RECOMMENDED THAT THE LANE CLOSURE BE SCHEDULED TO OCCUR DURING BREAKS IN THE CLASSES AT ELGIN COMMUNITY COLLEGE.

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	TENGG	SCALE: 1"=50'		SHEET NO. OF SHEETS		CONTRACT NO. 60K90		
	TENGG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		STA. 54+00.00 TO STA. 61+00.00				

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