# PROPOSED HIGHWAY PLANS

INTERSTATE 55
WEST FRONTAGE ROAD RECONSTRUCTION
AT IL ROUTE 59
SECTION 99(1&2)AC-R-2

PROJECT: IM-055-6(226) 251

TROY TOWNSHIP

GROSS LENGTH OF PROJECT: 4,488' = 0.85 MILES

NET LENGTH OF PROJECT: 4,488' = 0.85 MILES

WILL COUNTY C-91-058-07

**INTERSTATE 55** ADT = 39,200DESIGN SPEED = 70 MPH POSTED SPEED = 55 MPH FOR TRUCKS /65 MPH FOR CARS WEST FRONTAGE RD DESIGN SPEED = 50 MPH SEIL RD DESIGN SPEED = 30 MPH PROJECT LOCATED IN THE VILLAGE OF SHOREWOOD END OF PROJECT PROFILES 1" = 5' V, WEST FRONTAGE ROAD 1" = 50' H STA, 5544 + 88 (SEIL ROAD STA. 4010 + 45) X-SECTIONS 1"=10"H 1"=5' V ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED. BEGINNING OF PROJECT FOR UTILITY INFORMATION CALL J.U.L.I.E. AT (800) 892-0123 WEST FRONTAGE ROAD STA. 5500 + 00 48 HOURS BEFORE DIGGING



VINOD C. PATEL, P.E. IL. REG. NO. 062-043021

EXPIRES: 11 - 30 - 2007

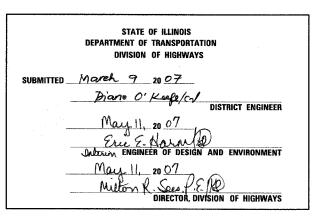
DATE: 3 - 12 - 2007

TENG & ASSOCIATES, INC.
ENGINEERS'ARCHITECTS'PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312616-0000

102+3= 105

D-91-263-97





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CONTRACT NO. 60B97

name\$\$\$\$ 56 T:\DQC!MFNT\493279Q\\CIVII\DG

(847) 705-4555

SHAH

RAJENDRA

PROJECT MAMAGER:

DISTRICT

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Roy

F.A.I. RTE.	SECTION	_ C	YTNUO		TOTAL	SHEET NO.
59	*		WILL	-	102	2
STA.		ТО	STA.			
FED. ROA	AD DIST. NO. 1	ILLINOIS	FED.	AID	PROJEC*	Г
* 99(1	&2)AC-R-2		CON	TRAC	CT NO. 6	SOB97

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## HIGHWAY STANDARDS

CTD 410	RECONSTRUCTION OF THE PROPERTY
STD. NO.	DESCRIPTION
	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
	TEMPORARY EROSION CONTROL SYSTEMS
	HMA SHOULDER DETAILS ADJACENT TO FLEXIBLE PAVEMENT
	REINFORCED CONCRETE END SECTIONS WITH PARALLEL WINGWALLS FOR PIPE CULVERTS, 300 MM (12") THRU 1200 MM (48") DIAMETER AT RIGHT ANGLES WITH ROADWAY
	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 375 MM (15") THRU 900 MM (36") DIAMETER AT RIGHT ANGLES WITH ROADWAY
	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION GRATING FOR CONCRETE FLARED END SECTION (FOR 600 MM (24") THRU 1300 MM (54") PIPE)
	CATCH BASIN TYPE B
	THET TYPE A
	MANHOLE, TYPE A
602411	MANHOLE, TYPE A 2.1 m (7') DIAMETER
	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701 -01	MANHOLE STEPS
	FRAME AND LIDS, TYPE 1
	GRATE TYPE 7
	FRAME AND GRATE, TYPE 24
	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
	STEEL PLATE BEAM GUARDRAIL PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
	TRAFFIC BARRIER TERMINAL TYPE 6
635001	DELINEATORS
	REFLECTOR AND TERMINAL MARKER PLACEMENT
	REFLECTOR MARKER AND MOUNTING DETAILS
	WOVEN WIRE FENCE
.666001	RIGHT OF WAY MARKERS
701001 -01	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 4.5 M (15') AWAY
	OFF-ROAD OPERATIONS, 2L, 2W, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
	LANE CLOSURE, 21, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
701331 -02	LANE CLOSURE, 2L, 2W, WITH RUN-AROUND, FOR SPEEDS >= 45 MPH
	TRAFFIC CONTROL DEVICES
	SIGN PANEL ERECTION DETAILS
704001 -03	TEMPORARY CONCRETE BARRIER
720001	SIGN PANEL MOUNTING DETAILS
720011	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
	TYPICAL PAVEMENT MARKINGS
181001 -05	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

SECTION: 99(1&2)AC-R-2

ILLINOIS DEPARTMENT OF TRANSPORTATION FAI 55 WEST FRONTAGE ROAD AT IL 59 INDEX OF SHEETS & HIGHWAY STANDARDS SCALE: N.T.S. DRAWN BY: BRH DATE: 03/22/2007 CHECKED BY: ACL TENG

#### SECTION 59 WILL 102 3 STA TO STA. FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

\* 99(1&2)AC-R-2 CONTRACT NO. 60B97

#### ROADWAY

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED UTILITIES, INCLUDING ELECTRICAL, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED).
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE THE VILLAGE OF SHOREWOOD.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE
- 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.
- 5. 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 RESIDENTIAL AREAS.
- 6. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND BITUMINOUS TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED. BUTT JOINTS AT TRANSITIONS NOT SPECIFIED IN THE PLANS SHALL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF BITUMINOUS OVERLAY.
- 7. 10 FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB & GUTTERS 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.
- WHERE SECTIONS OR SUBSECTION MONUMENTS ARE ENCOUNTERED. THE ENGINEER SHALL BE NOTIFIED BEFORE THE MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE TROY FIRE PROTECTION DISTRICT AND MINOOKA TRANSPORTATION DISTRICTS 28 WORKING DAYS PRIOR TO START OF CONSTRUCTION IN ORDER FOR THEM TO REVIEW AND COORDINATE WITH THE CONTRACTORS' CONSTRUCTION SCHEDULE.
- 10. ALL DRIVEWAY RADII SHALL BE 15 FEET UNLESS OTHERWISE NOTED.

- RESIDENT ENGINEER SHALL CONTACT MS. CORA MATHIS (AREA TRAFFIC FIELD ENGINEER) (847) 705-4413, PRIOR TO INSTALLING ANY PERMANENT PAVEMENT MARKINGS.
- POROUS GRANULAR EMBANKMENT SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES 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 UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/ OR UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED AND REPLACED WITH PGE 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 THE CONTRACTOR.
- REMOVAL OF ANY EXISTING CURB AND GUTTER EMBEDDED IN BITUMINOUS PAVEMENT OR SHOULDER SHALL NOT BE MEASURED FOR REMOVAL, BUT SHALL BE INCLUDED IN THE COST OF THE PAVEMENT
- RADII OF CURB AND GUTTER IS SHOWN AT THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- FOR CLARITY, DELINEATORS ARE NOT SHOWN ON THE PROPOSED ROADWAY PLANS, BUT SHALL BE PLACED ACCORDING TO IDOT HIGHWAY STANDARD 635001. THE COST OF DELINEATORS WILL INCLUDE BOTH SINGLE
- ALL ELEVATIONS SHOWN ON THESE PLANS ARE ON U.S.G.S. DATUM.
- THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT SOME QUANTITIES ARE GIVEN IN BOTH SUMMARY FORM AND ON THE PLAN SHEETS. CARE SHOULD BE TAKEN TO AVOID DUPLICATION OF QUANTITIES.
- COMED POWER POLES WILL BE RELOCATED BY COMED PRIOR TO CONSTRUCTION.
- FULL DEPTH, PERPENDICULAR, STRAIGHT JOINT SHALL BE SAWN AT THE ENDS AND ALL EDGES OF PORTIONS OF PAVEMENT TO BE REMOVED. THESE SAW CUTS SHALL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE REMOVAL ITEM.
- PERMANENT SEEDING SHALL BE USED WHENEVER POSSIBLE. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY

#### EARTH EXCAVATION

- EXCAVATION REQUIRED TO CLEAN SIDEROAD DITCHES, CONSTRUCT DRIVEWAYS OR CONSTRUCT SIDEROAD APPROACHES SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION.
- ALL SUITABLE EXCESS MATERIALS FROM SEWER TRENCHES, SIDEROADS, ENTRANCES OR OTHER NECESSARY EXCAVATIONS SHALL BE USED IN THE CONSTRUCTION OF THE ROADWAY. PLACEMENT AND COMPACTION OF THIS MATERIAL SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 3. AGGREGATE SHOULDER AND AGGREGATE DRIVEWAY REMOVAL TO BE PAID FOR AS EARTH EXCAVATION.
- 4. THE TOP 1 FOOT LAYER OF TOPSOIL, AS SHOWN ON THE CONTRACT PLAN CROSS SECTIONS, SHALL BE EXCAVATED AND PLACED IN A STOCKPILE AT A LOCATION APPROVED BY THE ENGINEER. TOPSOIL EXCAVATION AND PLACEMENT SHALL INCLUDE THE EXCAVATING, HAULING, AND STOCKPILING THE TOPSOIL, IN ADDITION TO HAULING AND FINAL PLACEMENT OF THE TOPSOIL TO THE PERMANENT CONDITION. THE STOCKPILE OF TOPSOIL SHALL BE SURROUNDED BY SILT FENCE FOR EROSION CONTROL, AND SHALL NOT BE PLACED ON NATURAL DRAINAGEWAYS.

### DRAINAGE NOTES

- UNLESS OTHERWISE NOTED, ALL OFFSETS TO MANHOLES ARE TO THE CENTER OF FRAMES AND GRATES OR FRAMES AND LIDS, AND ALL OFFSETS TO CATCH BASINS AND INLETS ARE TO THE CURB FACE OR BARRIER WALL.
- REINFORCED CONCRETE CULVERT PIPE SHALL BE USED FOR ALL PROPOSED STORM SEWERS, EXCEPT AS NOTED ON THE PLANS OR THESE NOTES.
- THE COST OF MAKING SEWER AND UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES AND BREAKING NEW HOLES INTO EXISTING OR PROPOSED DRAINAGE STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE COST FOR DRAINAGE WORK.
- BEFORE FINAL ACCEPTANCE OF THE PROJECT, ALL PROPOSED STORM SEWER LINES AND STRUCTURES SHALL BE CLEANED AS DIRECTED BY THE ENGINEER, THE COST FOR THIS WORK IS TO BE CONSIDERED INCLUDED IN THE UNIT PRICES FOR THE VARIOUS STORM SEWERS.
- ALL DIRECT LATERAL CONNECTIONS TO THE MAINLINE SEWERS WITH PIPES 27 INCHES DIAMETER AND SMALLER SHALL BE MADE WITH PRECAST 'TEE' OR 'WYE' FITTINGS CONFORMING TO THE APPLICABLE PORTIONS OF ARTICLES 550 AND 542.08 THE STANDARD SPECIFICATIONS. FOR PROPOSED DIRECT CONNECTIONS TO MAINLINE SEWERS LARGER THAN 27 INCHES DIAMETER, OPENINGS OF THE SPECIFIED DIAMETER SHALL BE MADE IN THE PIPE AT THE TIME IT IS MANUFACTURED, AND THE LATERAL SHALL BE FIELD CONNECTED ACCORDING TO THE DETAILS ON THE PLANS AND THE APPLICABLE PORTIONS OF ARTICLES 550 AND 542.08. PRECAST 'TEE' AND 'WYE' PIPE CONNECTIONS TO MAINLINE SEWERS, AS WELL AS FIELD CONNECTIONS WHEN THE MAINLINE SEWER IS LARGER THAN 27 INCHES DIAMETER, WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR STORM SEWERS, OF THE CLASS, TYPE AND DIAMETER SPECIFIED FOR THE LATERAL PIPE.
- FOR MANHOLE AND CATCH BASIN STRUCTURES IN WHICH THE DIFFERENCE IN ELEVATION FROM THE RIM TO THE TOP OF PIPE IS LESS THAN 4', A FLAT SLAB TOP SHALL BE USED. FOR INLET TYPE B STRUCTURES IN WHICH THE DIFFERENCE IN ELEVATION FROM THE RIM TO THE PIPE SOFFIT IS LESS THAN 2', A FLAT SLAB TOP SHALL BE USED. FOR ALL DRAINAGE STRUCTURES, THE COST OF THE FLAT SLAB TOP WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE DRAINAGE STRUCTURE, OF THE TYPE AND SIZE SPECIFIED
- COST OF STEEL END SECTION REMOVAL WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE BID PER FOOT FOR 'PIPE CULVERTS (TEMPORARY)' OF THE CLASS AND TYPE SPECIFIED. PRECAST CONCRETE FLARED END SECTION REMOVAL WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR 'CONCRETE HEADWALL REMOVAL'.
- DURING THE CONSTRUCTION OPERATION WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- THE CONTRACTOR SHALL ADJUST THE ROADWAY SUB-GRADE THICKNESS TO CONFORM TO THE TOP OF PIPE AS REQUIRED IN THE FIELD.

#### COMMITMENTS

1. THE EXISTING AGRICULTURAL ENTRANCES WILL BE MAINTAINED.

ILLINOIS DEPARTMENT OF TRANSPORTATION FAI 55 WEST FRONTAGE ROAD AT IL 59 SECTION: 99(1&2)AC-R-2

GENERAL NOTES

SCALE:

REVISIONS NAME

DATE

DATE: 03/22/2007

TENG

CHECKED BY: A

DRAWN BY: JB

F.A.I. RTE.	SECTION		COUNTY	S	TOTAL HEETS	SHEET NO.
59	*		WILL		102	4
STA.		TC	STA.			
FED. RO	DAD DIST. NO. 1	ILLINOI	S FED. A	ID P	ROJECT	-
* 990	1&2)AC-R-2		CONTR	RACT	NO. 6	0B97

											* 33(10/2)/	AC-N-2	CONTRACT NO. 60
			90%FED				WILL COUNT	Y	***********				
			10:1.57.97	ROADWAY	STONING	STRUCTURE				<del></del>	[		
				WESTERN	310111140	CULVERT							
			URBAK	' FRONTAGE					1				
				ROAD						*			
						1	COLICTORIOTION TVS	 	ll		L		
CODE NO.	ITEM	UNIT	TOTAL			1 44	CONSTRUCTION TYP	E CODE					
			QUANTIT	Y I000-2A	4002-1C	Y007							
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	56	56									
									T				
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	71	71									
			1	- · · -	·				<del>                                     </del>				
20101100	TREE TRUNK PROTECTION	EACH	4	4									
		EACH	+	1 7					<del>                                     </del>				
20200100	EARTH EXCAVATION		+						<b></b>				
20200100	CARTIT EXCAVATION	CU YD	7,235	7,235									
00001000	OCIONIA AND AVERAGE AND		1										
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	8554	8554						,			
		-											
20400800	FURNISHED EXCAVATION	CU YD	13,430	13,430									
20700220	POROUS GRANULAR EMBANKMENT	CU YD	23			23							
20700420	PORCUS GRANULAR EMBANKMENT, SUBGRADE	CUYO	189	189					<del> </del>				
20800150	TRENCH BACKFILL	<del></del>			-								
		CU YD	200	200					1				
21101505	TORSOTI EVOAVATION AND DIACCHENT												
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	3,244	3,244									
25000210	SEEDING, CLASS 2A	ACRE	6.00	6.00									
												^	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	523	523									
		1 00115	020	323					<del> </del>				
25000500	PHOSPHORUS FERTILIZER NUTRIENT	DOLLND	E07	502					-				
2300000	THOS HONGS TENTILIZEN NOTICENT	POUND	523	523		N						·	
25000500	DOTACCIUM PEDITI VIED AUTOVENT												
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	523	523									
25100630	EROSION CONTROL BLANKET	SQ YD	62,080	62,080									
25200110	SODDING, SALT TOLERANT	SQ YD	1,060	1,060	<u> </u>			<u> </u>	<del> </del>	· · · · · · · · · · · · · · · · · · ·			
			1,000	1,000				<del> </del>	<del></del>				
25200200	SUPPLEMENTAL WATERING	UNITT	71.0	21.0					-				
		UNIT	31.8	31.8									
29000200	FADTH EVCAVATION FOR EDUCION CONTROL					<u> </u>							
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	25	25									
	·												
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	701	701									
							,						
28000300	TEMPORARY DITCH CHECKS	EACH	30	30						***************************************			
28000400	PERIMETER EROSION BARRIER	FOOT	5,923	5,923		·		+	+				
		7001	3,323	3,323	<del></del>	<del> </del>		<del></del>					
28000500	THE ET AND DIDE DOTECTION		-		_						****		
20000000	INLET AND PIPE PROTECTION	EACH	6	6	<del> </del>			ļ					
28000510	INLET FILTERS	EACH	16	16									
28001000	AGGREGATE (EROSION CONTROL)	TON	5	5									
		1	1	-				+	<del>                                     </del>			***************************************	
. 28100107	STONE RIPRAP, CLASS A4	_SQ_YD_	70	70_				+	<del>                                     </del>				
1/12/20100	STUME RIPRAP, CLASS A4		THE RESERVE OF THE PERSON NAMED IN		+				+				
28200100	BITUMINOUS MATERIALS (PRIME COAT) FILTER FABRIC	GALLON		292				<b>-</b>					
V + 59500500	FILTER FABRIC		70	70					<del> </del>				
4 40600300	AGGREGATE (PRIME COAT)	TON		63									
	SUB-BASE GRANDLAR MATERIAL, TYPE C	TON-	-1 <del>,935-</del>	<del>-1,935-</del>									
	SUB-BASE GRANULAR MATERIAL, TYPE C 8"	50. YD	4,488	4.488									
35102000	AGGREGATE_BASE COURSE, TYPE B 8"	SQ YD	200	200									
1 ( 44201753	CLASS D PATCHES, TYPE #, 9 INCH BITURMMOUS MATERIALS (PRIME COAT)—		1772	775				<del> </del>	<del> </del>				
40300100	BITUINMONS WATTRIALS (PRIME COAT)	SG YO	1 205	1,205		-			+				
A HUIDAUS	LOSE O ANTONIAS AND TO ANTONIA	DALLON	11503	11500				-	+				
4 74701757	CLASS D PATCHES, TYPE III, SINCH CONSTRUCTING TEST STRIP			1/7)					1				
		EACH	12	2/233		1.50		1					
11 40000035	LEVELING BINDER (MACHINE METHOD)		123_	1233									
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	<b>L292</b>	292									
1178 HB105100	AGGREGATE WEDGE SHOULDER. HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 15 3/4"	TON	51	5/									
40701996	HOT-MIX ASPHALT PAVEMENT (FÜLL-DEPTH), 15 3/4"		12,852.0		1	1		<u> </u>					
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\* DENOTES SPECIALTY ITEMS

ILLINOIS DEPARTMENT OF TRANSPORTATION FAI 55 WEST FRONTAGE ROAD AT IL 59 SECTION: 99(1&2)AC-R-2 REVISIONS NAME SUMMARY OF QUANTITIES I SCALE: DRAWN BY: JB DATE: 03/22/2007 CHECKED BY: ACL

A Rev. 5-30-07

F.A.I. RTE.	SECTION	С	OUNTY	TOTAL SHEETS	SHÉET NO.
59			WILL	102	5
STA.		TO	STA.		
FED. RO	AD DIST. NO. 1	ILLINOIS	FED. Al	D PROJEC	Т
* 99(1	&2)AC-R-2		CONTR	RACT NO. 6	OB97

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	SUMMARY OF	QUAN	1111	E5.		•							* 99(1&2)AC-R-2	CONTRACT NO.	
			90%.F	550			1		WILL COUNT	,					
			101.57	TATE	OADWAY	SIGNING	STRUCTURE	T	WILL COUNT						
			LIRBA	. , W	ESTERN RONTAGE		CULVERT								
					ROAD										
CODE NO.	ITEM	UNIT	TOTA	AL				CONST	TRUCTION TYP	E CODE	1	I			
	INCIDENTAL HOT-MIX ASPHALT SURFACING		QUANT		000-2A	Y002-10	Y007								
		50 40	22 /22		2 1 <b>22.</b>			_							
44000100	PROTECTIVE COAT PAVEMENT REMOVAL	SQ YD	8,736		,736										
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	658	- 6	58					<u> </u>	-				
44004250	PAVED SHOULDER REMOVAL	50.40	870		870										
	AGGREGATE SHOULDERS, TYPE B &" AGGREGATE SHOULDERS, TYPE B &"	SQ YD	9/8		918										
48203009	HOT-MIX ASPHALT SHOULDERS, 3"	SQ YD	141		447 41						<u> </u>				
48203029	HOT-MIX ASPHALT SHOULDERS, 8"														
40203023	TIOT WITH AST HALT SHOULDERS, 6	SQ YD	3,759	3,	,759					ļ					
50104300	CONCRETE HEADWALL REMOVAL	CU YD	1	1											
50105220	PIPE CULVERT REMOVAL	FOOT	44	44	4			-	<u> </u>	1					
		1001	177		<u> </u>			+							
51205200	TEMPORARY SHEET PILING	SQ FT	850				850								
54000300	BOX CULVERT END SECTIONS, SPECIAL	EACH	2				2								
54020302	PRECAST CONCRETE BOX CULVERT 3' X 2' (M273)	FOOT	74.5				74.5								
54200433	PIPE CULVERTS, TYPE 1 RCCP 18"	FOOT	46	46	6			<del> </del>							
54202137	PIPE CULVERTS, TYPE 3 RCCP 42"	FOOT	75	71	E		N - 10.								
	PIPE CHLVERTS, SPECIAL 27"	FOOT	75 51	75	5 51										
54207153	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE - ELLIPTICAL, EQUIVALENT ROUND-SIZE 18"	FOOT	193		93										
54207156	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE - ELLIPTICAL, EQUIVALENT ROUND-SIZE 21"	FOOT	42	42	2										
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2				-							
54214713	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 18"	EACH	4	4											
54214716	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 21"	FACU	2												
		EACH	2	2									***************************************		
55021800	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 18"	FOOT	534	53	34										
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	8	8											
55100000	CTODU CENED DELIQUIA (OV								,						
22100300	STORM SEWER REMOVAL 18"	FOOT	518	51	18	· ·									
55101800	STORM SEWER REMOVAL 42"	FOOT	46	46	6		<del> </del>					·			
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	3	3											
		EACH	3												
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1											
60206805	CATCH BASINS, TYPE B, SPECIAL	EACH	1	1	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ļ									
50010100	TANKA TANKA A A SAMEREN TANKA A SAMERA														
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1		-		<del> </del>							
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1											
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EAOU													
		EACH	1	1		-					<del> </del>				
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	1	1											
60500040	REMOVING MANHOLES	EACH	+	1											
60500055	DELIQUINO OLTALI DIGILIO		<u> </u>												
60500050	REMOVING CATCH BASINS	EACH	2	2			1.				1				

\* DENOTES SPECIALTY ITEMS

ILLINOIS DEPARTMENT OF TRANSPORTATION FAI 55 WEST FRONTAGE ROAD AT IL 59 SECTION: 99(1&2)AC-R-2 SUMMARY OF QUANTITIES II SCALE: DRAWN BY: JB DATE: 03/22/2007 CHECKED BY: ACL

F.A.I. RTE.	SECTI	ION	С	OUNT	Υ	SHEETS	SHEET NO.
59		•		WILI	L	102	6
STA.			ТО	STA.			
FED. RO	AD DIST. NO	). 1 TLL1	NOIS	FED.	AID	PROJECT	
• 990	1&2)AC-R	-2		CON	ITRAC	T NO. 6	OB97

		T	Qui ema	r-+			WILL COUNTY	,		 		<del></del>
			90% FED. 10% STATE	ROADWAY	SIGNING	STRUCTURE						
			URBAN	WESTERN FRONTAGE		CULVERT						1
			Un Corne	ROAD								1
CODE NO.	ITEM	UNIT	TOTAL		L	+ ty	CONSTRUCTION TYP	E CODE		 L	1,	<u> </u>
			QUANTITY	I000-2A	Y002-1C	Y007						
-00000000	CONCRETE CURB, TYPE B	<del>-F00T</del>	<del>-13.5 -</del>	<del>-13.5</del> -								
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	192.0	192.0		<del>                                     </del>		<u> </u>				
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	160.0	160.0								
		FOOT	160.0	160.0								
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	387.5	387.5						 		
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	2	2	,		'			 		<del>                                     </del>
63300103	DELINEATORS	EACH	62	62				<b></b>				
66500105	WOVEN WIRE FENCE, 4'	FOOT	2,368	2,368								
66502300	WOVEN WIRE FENCE REMOVAL	FOOT	2 306	2 300								
00002000	TOTAL TELEVISION TELEVISION TO THE TELEVISION THE TELEVISION TO THE TELEVISION THE TELEVISION TO THE TELEVISION TO THE TELEVISION TO THE TELEVISION THE TELEVISION TO THE TELEVISION TO THE TELEVISION THE TELEVISION THE TELEVISION TO THE TELEVISION TH	FOOT	2,306	2,306								
66502400	WOVEN WIRE FENCE TO BE REMOVED AND RE-ERECTED	FOOT	2,308	2,308								
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9	9								
		OAL MO		-								
67100100	MOBILIZATION	L SUM	1	1								
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1						 		<del> </del>
70701000	WORK TONE PAVENENT MARKING DEMOVAL											
	WORK ZONE PAVEMENT MARKING REMOVAL TEMPORARY CONCRETE BARRIER	SQ FT FOOT	3100	3100					<u> </u>			
* 72000100	SIGN PANEL - TYPE 1	SQ FT	89	3/00	89							
	RELOCATE TEMPORARY CONCRETE BARRIER TELESCOPING STEEL SIGN SUPPORT	FOOT	200	200		<u> </u>						
		FOOT	187		187							
* 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	13		13							
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	171	171								<del>                                     </del>
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	18,728	18,728						 		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	218	218								
* 79000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	407	407								
18000300	THENWOLASTIC FAVEMENT MARKING - LINE O	FOOT	107	107								<del> </del>
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	39	39	***************************************							
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	38	38	,					1		<del> </del>
		1001		30								
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	166	166								
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	6	6								<del> </del>
* 78200500	BARRIER WALL MARKERS, TYPEC TERMINAL MARKER - DIRECT APPLIED	EACH	25	<b>25</b>			·					
18201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2								<del></del>
	SEDIMENT BASIN	EACH	2	2								
X0325561	CULVERTS TO BE GROUTE O TEMPORARY PAVEMENT	CU YO	7	7								
		SQ YD	3825	3825								<del>  </del>
70106800	-CHANGEABLE MESSAGE SIGN	-CAL MO	-9-	_9_								
* X7030104	WET TEMPORARY PAVEMENT MARKING TAPE , TYPE III, 4 INCH	FOOT	00 21 0	20210						-		
		1001	29,268									
	BITUMINOUS SIDEWALK REMOVAL		88	88								
XX005656	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS) INLET FILTER CLEANING	EACH	16	/ 16							<b></b>	
					L		<del> </del>	I	<u> </u>	 	-L	

\* DENOTES SPECIALTY ITEMS

ILLINOIS DEPARTMENT OF TRANSPORTATION FAI 55 WEST FRONTAGE ROAD AT IL 59 SECTION: 99(1&2)AC-R-2 SUMMARY OF QUANTITIES III SCALE: DRAWN BY: JB DATE: 03/22/2007 CHECKED BY: ACL

SUMMARY	OF	QUANTITIES
O O 1111111111111111111111111111111111	- '	~~,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

F.A.I. RTE.	SEC	TION	C	OUNT	Ý	TOTAL	SHEET NO.
59		*		WILI	_	102	7
STA.			TO	STA.			
FED. RO	AD DIST.	NO. 1	LLINOIS	FED.	AID	PROJECT	
• 990	1&2)AC-	R-2		CON	TRAC	T NO. 6	OB97

			901.FED.		ITW	L COUNTY				
			IO!.STATE	ROADWAY WESTERN FRONTAGE ROAD						
E NO.	ITEM	UNIT	TOTAL	7000 04	CONSTRUC	TION TYPE	CODE	1		
001050	AGGREGATE SUBGRADE 12"	SQ YD	17,934	I000-2A 17,934	13					
)13798	CONSTRUCTION LAYOUT	L SUM	1	1						
18500	DRAINAGE STRUCTURES TO BE CLEANED		7	7						
030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3 IMPACT ATTENUATORS (NON REDIRECTIVE), TEST LEVEL 3	EACH EACH	5	5 -5						
76600	TRAINEES	HOUR	2000	2000						
30350	TRAINEES IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	Z						
							-		<del>                                     </del>	
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		<del> </del>		<u> </u>				<del>                                     </del>	+	

ILLINOIS DEPARTMENT OF TRANSPORTATION FAI 55 WEST FRONTAGE ROAD AT IL 59 SECTION: 99(1&2)AC-R-2 SUMMARY OF QUANTITIES IV

> SCALE: DATE: 03/22/2007

DRAWN BY: JB

TENG

CHECKED BY: ACL
TENO & ASSOCIATES, INC.
ENGINEERS ARCHITECTS PLANNERS
20 N. MCCHROAN AVE CHICAGO, IL. 66691
TELEPHORE 2026-6-000

## SCHEDULE OF QUANTITIES

F.A.I. RTE.	SECTION	C	TNU0:	′	TOTAL SHEETS	SHEET NO.
59			WIL	-	102	12
STA.		TO	STA.			
FED. RO	DAD DIST. NO. 1	ILLINOIS	FED.	AID	PROJEC*	Т
* 990	1&2)AC-R-2		CON	ITRA	CT NO. 6	S0B97

. ROAD DIST. NO. 1	ILLINOIS	FED.	AID	PR	OJE	31	
9(1&2)AC-R-2		CON	TRAC	T	NO.	60897	

28000400	PERIMETER EROSION BARR	IER	TOTAL	5923
	STA FROM STA TO	LENGTH		FOOT
STI WFR L	5519+25.00 5519+25.00	70.42		70.42
STI WFR L	5519+25.04 5523+19.50	383.27		383.27
STI WFR L	5523+19.50 5529+70.84	651.34		651.34
STI WFR L	5529+70.84 5529+70.84	10.00		10.00
STI WFR L	5529+70.84 5529+83.87	13.03 807.73		13.03 807.73
STI WFR L	5529+99.78 5537+79.73 5537+79.73 5544+35.45	671.46		671.46
STI WFR L		411.83		411.83
STI WFR R	5519+25.00 5523+22.50 5523+22.50 5530+40.83	718.35		718.35
STI WFR R	5530+44.68 5532+96.90	245.04		245.04
STI WFR R STI WFR R	5532+96.90 5532+96.90	3.00		3.00
STI WER R	5532+96.90 5536+27.47	319.98		319.98
STI WFR R	5536+27.47 5536+27.47	3,00		3.00
STI WFR R	5536+27.47 5537+60.47	129.09		129.09
STI WFR R	5537+60.47 5544+19.73	658,70		658.70
STI SEIL	4011+80.38 4011+80.38	42.74		42.74
STI SEIL	4011+80.38 4010+79.41	108.56		108.56
STI SEIL	4009+99.06 4009+09.23	89.84		89.84
STI SEIL	4009+09.23 4009+09.23	43.08		43.08
STII WFR	5500+00.00 5500+00.00	20.20		20.20
STII WFR	5518+97.57 5519+50.00	122,44		122.44
TODCOTI				
	5028+00-00	400.00		400,00
TOPSOIL STOCKPILE	5028+00.00	400.00		400.0

28001000	AGGREGATE (EROSION CONTROL)			٦	5				
			STA.	LENGTH	WIDTH	DEPTH	CU FT	CU YD	
			5022+77.74 5023+03.17		8.00 8.00	1.00 1.00	32.00 32.00	1.19 1.19	

31102500	SUB-BASE GR	ANULAR MAT	ERIAL, TYPE C 8"	T	OTAL	4488
FROM STA.	TO STA.	LENGTH	WIDTH LT & RT S	IDES SF		SQ YD
5500+00	5544+87.97	4487.97	450 2,00	10391.73		4481.97

TAL :	175
5	SQ YD
1	175
	5

44201757		D PATCHES,	I, 9	INCH	TOTAL	117
						SQ YD
SEIL ROAD	RESURFAC	ING		-		117

40600300	AGGREGATE	(PRIME COA	T)			TOTAL	6
		FROM STA.	TO STA.	SQ YD			TON
SEIL ROAD	RESURFACING	4009+25	4020+20	2917.44	4LB/SY		6

40600635	LEVELING B	INDER (MACH	INE METHO	D), N70		TOTAL	123
7		FROM STA.	TO STA.	SQ YD	THICK		TON
SEIL ROAD	RESURFACING	4009+25	4020+20	2917.44	0.75 IN	112LB/SY/IN	123

8000500	INLET AND	PIPE PROTECTION	TOTAL	6
	STA.	OFFSET		EACH
STI WFR	5523+94.58 5532+15.17	RT RT		1.00
TI WFR	5534+00,11	RT		1.00
STI WFR STI WFR	5543+69.59 5543+69.67	LT RT		1.00 1.00
STI WFR	5544+38.62	RT		1.00

281001	07 STONE F	RIPRAP, CL	ASS A4	TOTAL	70
	STA	OFFSET	AREA (SF)		SQ YD
WFR WFR WFR WFR WFR WFR WFR	5523+94,36 5523+94,36 5532+08.00 5532+08.00 5534+00.00 5534+00.00 5544+44.00	RT LT RT LT RT LT RT LT	42.50 85.00 42.50 85.00 42.50 85.00 117.00 134.00		4.72 9.44 4.72 9.44 4.72 9.44 13.00 14.89

SQ FT	SO YD
	34 15
1.78 791.72 1.78 601.92	87 <b>.</b> 97 66.88
.70 405.90	45.10
	.78 601.92

	42001300 PR01	ECTIVE COAT		TOTAL 122
`	TYPE OF CURB	LENGTH OF CURB	SY PER LINEAR FOOT	SQ YD
	YPF B-6.12 TYPE B-6.24 TYPE B	192.00 160.00 14.00	0.29 0.40 0.17	55.68 74.00 2.38

10300100	BITUMINOUS	MATERIALS	(PRIME CO	DAT)		TOTAL	292
		FROM STA.	TO STA.	SQ YD			GALLON
SEIL ROAD	RESURFACING	4009+25	4020+20	2917.44	O.1GAL/SY		292

28000510	INLET FILTERS		TOTAL	16
	STA.	OFFSET		EACH
STI WFR STI WFR STI WFR STI WFR DRIVEWAY DRIVEWAY DRIVEWAY STI WFR STI WFR STI WFR STI WFR	5006+67.67 5017+83.73 5020+10.39 5023+02.04 5518+23.32 5518+98.78 5519+33.50 5544+21.42 5544+20.67 5544+48.46 5544+45.73	LT LT LT LT LT LT LT ET ET RT RT		1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00
STII WFR STII WFR STII WFR STII WFR	5516+10.84 5516+45.79 5516+10.84 5513+19.61 5511+00.00	RT LT LT LT LT LT		1.00 1.00 1.00 1.00 1.00

28200100	FILTER FA	ABRIC FOR I	JSE WITH RIPRAP	TOTAL	70
	STA ·	OFFSET	AREA (SF)		SQ YD
WFR WFR WFR WFR WFR WFR	5523+94.36 5523+94.36 5532+08.00 5532+08.00 5534+00.00 5534+00.00 5544+44.00	RT LT RT LT RT LT	42.50 85.00 42.50 85.00 42.50 85.00 117.00 134.00		4.72 9.44 4.72 9.44 4.72 9.44 13.00 14.89

T-MIX ASPHALT	SURFACE	COURS	E, MIX ′	'D'', N70	TOTAL	291
STA	LENGTH	WIDTH	DEPTH	SQ YD		TON
5544+41.00	65.00	4	3.00	28.89		4.85
2/074009+25.00	402020.	00	1.75			285.92
	STA 5544+41.00	STA LENGTH 5544+41.00 65.00		STA LENGTH WIDTH DEPTH 5544+41.00 65.00 4 3.00	5544+41.00 65.00 4 3.00 28.89	STA LENGTH WIDTH DEPTH SO YD 5544+41.00 65.00 4 3.00 28.89

48102100	AGGREGATE WEDGE SHOULDER, TYPE B TO				TOTAL	51	
		FROM STA	. TO STA.		WEDGE AREA		TON
SEIL ROAD	RESURFACING	4009+25	4020+20	X2	0.31 SF	2TON/CY	51

NLINOIS DEPARTMENT OF TRANSPORTATION FAI 55 WEST FRONTAGE ROAD AT IL 59 SECTION: 99(1&2)AC-R-2

SCHEDULE OF QUANTITIES IV

SCALE: DATE: 3/22/2007 TENG

ADDENDUM 1 5/22/0

REVISED 5/22/07, ACL

