

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	247	1
60A63 • (1919.15, 2021-922 PT1 & PT2) R-2				

INDEX OF SHEETS
FOR INDEX OF SHEETS, SEE SHEET NO. 2

DESIGN NUMBER
D-91-419-01

PROJECT LOCATED IN CITY OF CHICAGO

DESIGN DESIGNATION
SB LOCAL LANES: 6042 (35) URBAN INTERSTATE 264.46 (CRC-30)

	ADT	DESIGN	POSTED
	(2020)	SPEED	SPEED
SB LOCAL LANES	122,330	60	45

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

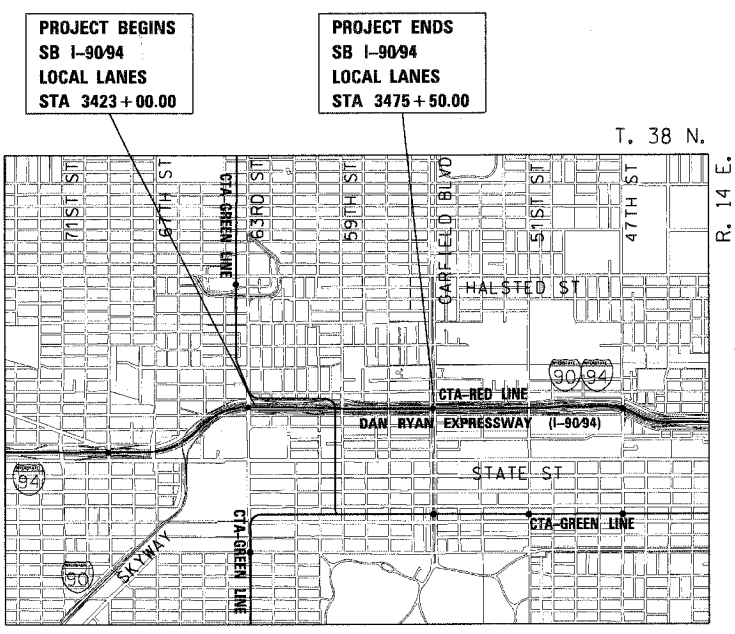
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

F.A.I. ROUTE 90/94 (DAN RYAN EXPRESSWAY)
SECTION (1919.15, 2021-922 PT1 & PT2) R-2
PROJECT **ACIM-000S(516)** [△]
RECONSTRUCTION OF SOUTHBOUND LOCAL LANES
BETWEEN 63RD STREET AND GARFIELD BLVD
COOK COUNTY
C-91-091-06



	SIGNATURE <i>John A. Lukowick</i>
	DATE <i>6-5-2006</i>
	EXPIRES <i>11-30-2007</i>
	SHEET <i>1-187, 264-324</i> TO
	SIGNATURE <i>Robert M. Goveia</i>
	DATE <i>06-05-2006</i>
	EXPIRES <i>11-30-2007</i>
	SHEET _____ TO _____
	SIGNATURE <i>James P. Coleman</i>
	DATE <i>06-05-2006</i>
	EXPIRES <i>11-30-2007</i>
	SHEET <i>133</i> TO <i>160</i>
	SIGNATURE <i>M. J. Pregon</i>
	DATE <i>6-5-2006</i>
	EXPIRES <i>11-30-2006</i>
	SHEET <i>175</i> TO <i>189</i>

69TH STREET SOUTHWEST RETAINING WALL
BRIDGE SN 016-0142 (CONRAIL BRIDGE)
BRIDGE SN 016-1148 (METRA BRIDGE)



LOCATION MAP
GROSS LENGTH OF PROJECT = 5,250 FT (0.994 MILES)
NET LENGTH OF PROJECT = 5,250 FT (0.994 MILES)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *June 1, 2006*

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

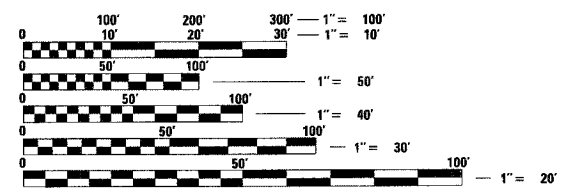
June 30, 2006
Mike June
ENGINEER OF DESIGN AND ENVIRONMENT

June 30, 2006
Milton L. Seo
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

CTE | AECOM

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

DISTRICT ONE DESIGN/CONSULTANT SERVICES PROJECT MANAGER
RAJENDRA SHAH (847) 705-4555



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.

BEFORE EXCAVATING CALL:
CHICAGO UTILITY ALERT NETWORK
(312) 744-7000
CONTRACT NO. 60A63

Rev.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	247	3
STA.	TO STA.			
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
60A63		• (1919.15, 2021-922 PT1 & PT2) R-2		

GENERAL NOTES:

ROADWAY:

- UTILITY LOCATIONS SHOWN ON THESE PLANS MAY NOT BE CORRECT OR COMPLETE. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE RESPECTIVE UTILITIES OF THE CITY OF CHICAGO. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "CUAN" (CHICAGO UTILITY ALERT NETWORK) AT 312-744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES (48 HOUR NOTIFICATION IS REQUIRED). CONTACT THE DEPARTMENT OF WATER MANAGEMENT PERMIT SECTION AT (312) 747-7893 FOR WATER AND SEWER LOCATIONS.
- 10 FOOT TRANSITION LENGTHS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND 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.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- 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.
- ON STATE STANDARD 483001, SUBBASE GRANULAR MATERIAL, TYPE B, 24" SHALL BE USED AS THE IMPROVED SUBGRADE. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE UNDER THE SHOULDER SHALL BE INCLUDED IN THE COST PER SQ YARD OF "SUB-BASE GRANULAR MATERIAL, TYPE B, 24"."
- USE NO. 6 EPOXY-COATED TIE BARS CONFORMING TO ARTICLE 1006.10(B)(2) OF THE STANDARD SPECIFICATIONS FOR LONGITUDINAL CONSTRUCTION JOINT AS SHOWN ON IDOT STANDARD 420001 AND FOR TYING THE CURB AND GUTTER SECTIONS TO THE MAINLINE SHOULDERS AND PAVEMENT AS SHOWN ON THE PLANS. THE TIE BARS WILL NOT BE PAID FOR SEPARATELY. TIE BARS USED FOR LONGITUDINAL CONSTRUCTION JOINTS SHALL BE INCLUDED IN THE COST OF CONT REINFORCED PCC PAVEMENT, 14". TIE BARS USED WITH CURB AND GUTTER SHALL BE INCLUDED IN THE COST OF THE COMBINATION CONCRETE CURB AND GUTTER OF THE TYPE SPECIFIED.
- USE NO. 8 EPOXY-COATED TIE BARS IN LEIU OF NO. 6 BARS CONFORMING TO ARTICLE 1006.10(B)(2) OF THE STANDARD SPECIFICATIONS FOR LONGITUDINAL CONSTRUCTION JOINT AS SHOWN ON IDOT STANDARD 420001 AND FOR TYING SHOULDER SECTIONS TO THE MAINLINE PAVEMENT, AS SHOWN ON THE PLANS. TIE BARS USED FOR LONGITUDINAL CONSTRUCTION JOINTS SHALL BE INCLUDED IN THE COST OF THE CONTINUOUSLY REINFORCED PCC PAVEMENT, 14". TIE BARS USED WITH THE SHOULDERS SHALL BE INCLUDED IN THE COST OF PCC SHOULDERS, 14".
- FENCE REMOVAL SHALL BE CONSIDERED AS PART OF CLEARING.
- THE VARIATION IN WIDTH OF THE COMBINATION CONCRETE CURB AND GUTTER AS SHOWN ON THE PLANS SHALL BE INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER OF THE TYPE SPECIFIED.
- COMBINATION CURB AND GUTTER REMOVAL WILL BE MEASURED PER LINEAL FOOT. THE REMOVAL OF THE EXISTING BITUMINOUS OVERLAY OF THE GUTTER WILL NOT BE MEASURED FOR PAYMENT BUT IS INCLUDED IN THE CONTRACT UNIT PRICE FOR COMBINATION CURB AND GUTTER REMOVAL.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT NO GAP REMAINS BETWEEN PROPOSED FENCING OR WHERE PROPOSED FENCING TERMINATES AND EXISTING FENCE REMAINS IN PLACE.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ABUTTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS. THE ENGINEER OR AN AUTHORIZED SURVEYOR AGENT WILL WITNESS OR OTHERWISE REFERENCE AND RESET MONUMENTS AS NECESSARY. ALL PROPERTY CORNERS EXCEPT THOSE WITHIN AREAS WHERE THE SCHEDULE, IF PROVIDED, SHOWS PLACEMENT OF R.O.W. MARKERS SHALL REMAIN UNDISTURBED.
- ALL ELEVATIONS SHOWN ARE BASED ON THE CHICAGO CITY DATUM. THE CONVERSION EQUATION FROM CCD TO NAVD 88 IS: NAVD 88 ELEVATION = CCD + 579.19.
- THE QUANTITY FOR BITUMINOUS MATERIALS (PRIME COAT) WAS DETERMINED USING AN APPLICATION RATE OF 0.0004 TONS/SQ YD.
- THE QUANTITY FOR AGGREGATE (PRIME COAT) WAS DETERMINED USING AN APPLICATION RATE OF 0.002 TONS/SQ YD.
- THE LOCATION OF VARIOUS ITEMS SUCH AS PAVEMENT, BARRIER WALLS, AND DRAINAGE STRUCTURES BUILT IN CONTRACTS UNDER CONSTRUCTION DURING THE PREPARATION OF THESE PLANS IS BASED ON THE PUBLISHED CONTRACT PLAN DRAWINGS AVAILABLE DURING DESIGN. THE CONTRACTOR MUST FIELD VERIFY LIMITS, LOCATIONS AND ELEVATIONS OF THESE PREVIOUSLY CONSTRUCTED ITEMS.
- THE CONTRACTOR IS ALERTED THAT THERE ARE EXISTING CTA UTILITY FACILITIES WITHIN, ADJACENT TO, AND CROSSING UNDER THE EXPRESSWAY FROM THE FRONTAGE ROADS TO THE CTA OPERATING AREA. THE EXACT LOCATION OF THESE FACILITIES IS NOT KNOWN. THE CONTRACTOR MUST CONTACT THE CTA AT 312-681-3860 FOR LOCATIONS OF THESE FACILITIES BEFORE PROCEEDING WITH ANY WORK WITHIN OR ADJACENT TO THE CTA OPERATING AREA.

19. THE CONCRETE MEDIAN SURFACE, 6" (SPECIAL) AT GUARDRAIL LOCATIONS SHALL USE THE INTEGRAL RED CONCRETE WITHOUT THE BRICK PATTERN FINISH.

20. ALL REFERENCES IN THE PLANS TO STABILIZED SUB-BASE 6" SHALL BE INTERPRETED TO MEAN STABILIZED SUB-BASE 4 1/2".

DRAINAGE AND UTILITIES:

- ALL PROPOSED LATERAL STORM SEWERS SHALL BE INSTALLED AT A MINIMUM OF 1% SLOPE UNLESS OTHERWISE INDICATED. CONNECTIONS TO EXISTING SEWERS OR STRUCTURES WILL BE INCLUDED WITH THE STORM SEWERS PAY ITEM.
- ALL SEWERS TO BE ABANDONED SHALL BE FILLED WITH GROUT SLURRY AND PLUGGED AT THE UPSTREAM END.
- THE CONTRACTOR SHALL USE TYPE A CATCH BASINS WITH FLAT SLAB TOP WHEREVER NECESSARY TO AVOID CONFLICTS WITH EXISTING UTILITIES.
- PIPE UNDERDRAIN 6" (SPECIAL) SHALL BE USED FOR ALL PROPOSED UNDERDRAIN CONNECTIONS INTO EXISTING/PROPOSED DRAINAGE STRUCTURES.
- ALL SEWER PLUGS WILL BE INCLUDED IN THE COST OF THE PLUG AND ABANDON EXISTING PIPE PAY ITEM.
- STORM SEWER LENGTHS AND GRADES ARE CALCULATED FROM CENTER TO CENTER OF DRAINAGE STRUCTURES.
- TOP OF FRAME ELEVATIONS ON DRAINAGE STRUCTURES SHALL BE MODIFIED TO MEET FINISHED SHOULDER AND CURB AND GUTTER FLOWLINE ELEVATIONS.
- GRATES SHALL BE INSTALLED WITH THE VANES ORIENTED AS DIRECTED BY THE RESIDENT ENGINEER.
- THE INVERT ELEVATIONS OF UNDERDRAIN CONNECTIONS TO THE EXISTING AND PROPOSED DRAINAGE STRUCTURES SHOWN SHALL BE DETERMINED BY THE CONTRACTOR BASED ON A MINIMUM LATERAL CONNECTING SLOPE OF 1%.
- FOR CLARITY, PIPE UNDERDRAINS IN THE PLAN VIEW ARE NOT DRAWN IN THE EXACT INSTALLATION LOCATION. SEE TYPICAL SECTIONS AND DRAINAGE DETAILS FOR EXACT PIPE UNDERDRAIN LOCATION.
- THE CONTRACTOR SHALL MAINTAIN THE SURFACE DRAINAGE OF ALL ROADWAYS DURING CONSTRUCTION OF THIS PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTORS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, INLETS AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL INSTALLATION IS COMPLETE INCLUDING PAVEMENT. THIS WORK SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT.

PROJECT COMMITMENTS:

- IDOT WILL CONTINUE TO COORDINATE WITH THE CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION (CDOT) AND THE CHICAGO TRANSPORTATION AUTHORITY (CTA) USING THE "DAN RYAN EXPRESSWAY LANDSCAPE GUIDELINES", PREPARED BY CDOT AS GUIDELINES THROUGHOUT PHASE II OF THE PROJECT (PREPARATION OF CONTRACT PLANS) ON THE AESTHETICS AND LANDSCAPING TREATMENTS.
- THE ILLINOIS STATE GEOLOGICAL SURVEY (ISGS) CONDUCTED A PRELIMINARY ENVIRONMENTAL SITE ASSESSMENT (PESA) IN WHICH THEY ASSESSED A HIGH RISK FOR THE OCCURRENCE OF HAZARDOUS MATERIALS. A SPECIAL WASTE WAIVER HAS BEEN APPROVED WHICH ALLOWS DESIGN APPROVAL TO BE GRANTED PRIOR TO THE COMPLETION OF SPECIAL WASTE STUDIES. THERE ARE STILL OUTSTANDING SPECIAL WASTE ISSUES THAT MUST BE ADDRESSED. THE ENVIRONMENTAL STUDIES UNIT SHOULD BE CONTACTED AT (847) 705-4101 TO DISCUSS THESE ISSUES. TO DETERMINE THE IMPLICATIONS OF FUTURE DESIGN CHANGES, PLEASE REFER TO THE PESA REVIEW COVER MEMOS FOR ISGS #1106A, AS DEPICTED IN EXHIBIT 7 - SPECIAL WASTE WAIVER IN THE CLASS OF ACTION DETERMINATION (ECAD).
- IDOT HAS COMMITTED TO ADDRESS CONSTRUCTION RELATED AIR QUALITY CONCERNS. THESE STRATEGIES INCLUDE REQUIRING DETAILED DUST CONTROL PLANS, REQUIRING THE USE OF CLEANER BURNING DIESEL FUELS ON CERTAIN DIESEL POWERED CONSTRUCTION EQUIPMENT AND/OR THE INSTALLATION OF EXHAUST EMISSION SCRUBBERS, AND THE REDUCTION OF CONSTRUCTION EQUIPMENT IDLING TIMES. THESE STRATEGIES ARE ADDRESSED IN SPECIAL PROVISIONS INCLUDED IN THIS CONTRACT AND DEVELOPED FOR THE DAN RYAN RECONSTRUCTION PROJECT.
- IDOT HAS COMMITTED TO REDUCE TIRE-PAVEMENT HIGHWAY TRAFFIC NOISE FOR THE FINISHED PROJECT BY INCLUDING A SPECIAL PROVISION TO INCORPORATE VARIABLE WIDTH AND SKEWED "TINING" OF THE NEW CONCRETE PAVEMENT.
- IDOT REQUIRES THE PREPARATION (BY THE CONTRACTOR) OF PRE-CONSTRUCTION PHOTO AND/OR VIDEO LOGS OF STRUCTURES DIRECTLY ADJACENT TO THE HIGHWAY R.O.W. TO DOCUMENT STRUCTURAL CONDITION PRIOR TO DAN RYAN RECONSTRUCTION.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 90/94 (DAN RYAN EXPRESSWAY) 63RD STREET TO GARFIELD BLVD (SB LOCAL LANES)
NAME	DATE	
ADDENDUM 1	7/27/06	GENERAL NOTES & PROJECT COMMITMENTS

SCALE: NONE
DATE: June 9, 2006

DRAWN BY: NJH
CHECKED BY: RMG

F:\P\40466\CHWIN\B-CHTS 18 & 19\5\1\0\01\19AN\GENERAL NOTES\ADDENDUM 1

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	247	7
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
60A63		* (19)9.15, 2021-922 PT1 & PT2) R-2		

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY	90% FEDERAL / 10% STATE																	
				URBAN		URBAN ROADWAY	RETAINING WALL 69TH STREET SOUTHWEST	BRIDGE		SIGNING	LIGHTING	SURVEILLANCE	SAFETY	CDDT LIGHTING							
				J000	Y007			STR NO 016-0142	STR NO 016-1148						Y002-1C	Y030-1E	Y032-1F	SFTY-3N	Y030-1E		
20101000	TEMPORARY FENCE	FOOT	1,092	1,092																	
20200100	EARTH EXCAVATION	CU YD	32,031	32,031																	
20200410	EARTH EXCAVATION (SPECIAL)	CU YD	28	28																	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2,033	2,033																	
20700220	POROUS GRANULAR EMBANKMENT	CU YD	55			55															
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	1,500	1,500																	
20800150	TRENCH BACKFILL	CU YD	966.9	966.9																	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	35,907	35,907																	
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	3,280	3,280																	
* 21101645	TOPSOIL FURNISH AND PLACE, 12"	SO YD	5,264	5,264																	
* 21101825	COMPOST FURNISH AND PLACE, 6"	SO YD	5,264	5,264																	
* 25000210	SEEDING, CLASS 2A	ACRE	1.61	1.61																	
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	149	149																	
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	148	148																	
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	147	147																	
NP 25000750	MOWING	ACRE	2.68	2.68																	
* 25100630	EROSION CONTROL BLANKET	SQ YD	8,544	8,544																	
* 25200200	SUPPLEMENTAL WATERING	UNIT	205.2	205.2																	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	5,487	5,487																	
28000510	INLET FILTERS	EACH	129	129																	
31101810	SUB-BASE GRANULAR MATERIAL, TYPE B 12"	SO YD	4,421	4,421																	
31101860	SUB-BASE GRANULAR MATERIAL, TYPE B 24"	SO YD	31,282	31,282																	
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	14.7	14.7																	
40600300	AGGREGATE (PRIME COAT)	TON	72.1	72.1																	
42001300	PROTECTIVE COAT	SO YD	39,427	39,427																	
42100380	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14"	SO YD	27,335	27,335																	
44000100	PAVEMENT REMOVAL	SO YD	30,474	30,474																	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	4,220	4,220																	
44001980	CONCRETE BARRIER REMOVAL	FOOT	358	358																	
44004250	PAVED SHOULDER REMOVAL	SO YD	420	420																	

NP = NON-PARTICIPATING

* DENOTES SPECIALTY ITEMS

CTE | AECOM

Rev. B-21-06 S00-1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
63RD STREET TO GARFIELD BLVD (SB LOCAL LANES)

SUMMARY OF QUANTITIES

SCALE: NONE DRAWN BY: NJH
DATE: June 9, 2006 CHECKED BY: RMG

6/9/2006 9:35:54 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	247	11
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
60A63		• (1919.15, 2021-922 PT1 & PT2) R-2		

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY	90% FEDERAL / 10% STATE																
				URBAN		URBAN ROADWAY	RETAINING WALL 69TH STREET SOUTHWEST	BRIDGE		SIGNING	LIGHTING	SURVEILLANCE	SAFETY	CCTV LIGHTING						
				J000	Y007			STR NO 016-0142	STR NO 016-1148						Y002-1C	Y030-1E	Y032-1F	SFTY-3N	Y030-1E	
X0323426	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	EACH	258	258																
X0323973	SEDIMENT CONTROL, SILT FENCE	FOOT	2,876	2,876																
X0323974	SEDIMENT CONTROL, SILT FENCE MAINTENANCE	FOOT	721	721																
X0323988	TEMPORARY SOIL RETENTION SYSTEM	SO FT	12,531	12,531																
X0324112	BARRIER BASE	FOOT	5,617	5,617																
X0324470	CONDUIT ENCASED, REINFORCED CONCRETE, 3-4" DIA., CNC	FOOT	48																	48
X0324697	SOIL STABILIZERS	POUND	206,725	206,725																
X0324698	APPLYING DUST SUPPRESSION AGENT	UNIT	384	384																
X2020300	EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL	CU YD	1,474	1,474																
X4210400	LUG SYSTEM REMOVAL	EACH	1	1																
X4834090	PORTLAND CEMENT CONCRETE SHOULDERS 14"	SO YD	6,520	6,520																
X6061003	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.48 (MODIFIED)	FOOT	289	289																
X6063600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	1,122	1,122																
X6065740	CONCRETE MEDIAN SURFACE, 5 INCH (MODIFIED)	SO FT	1,201	1,201																
X6370910	CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT	FOOT	885	885																
X6370930	CONCRETE BARRIER, DOUBLE FACE, 32" HEIGHT	FOOT	4,159	4,159																
X6640050	CHAIN LINK FENCE 42", ATTACHED TO STRUCTURE (SPECIAL)	FOOT	549			549														
X6700600	ENGINEER'S FIELD LABORATORY (SPECIAL)	CAL MO	8	8																
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1																
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	240	240																
X7015000	CHANGEABLE MESSAGE SIGN	CAL MO	50	50																
X8100045	CONDUIT ENCASED, REINFORCED CONCRETE, 1-3" DIA., CNC	FOOT	235																	235
X8360105	LIGHT POLE FOUNDATION, INTEGRAL WITH BARRIER WALL, 24" DIAMETER	FOOT	13																	13
X0325567	STABILIZED SUB-BASE 4 1/2"	SO YD	35,907	35,907																
XX003988	TEMPORARY CONCRETE BARRIER REMOVAL	FOOT	5,112	5,112																
XX004201	PAVEMENT REINFORCEMENT 14"	SO YD	27,335	27,335																
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1																
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2																	2
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2																	2
Z0040530	PIPE UNDERDRAIN REMOVAL	FOOT	846	846																

* DENOTES SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
63RD STREET TO GARFIELD BLVD (SB LOCAL LANES)

SUMMARY OF QUANTITIES

SCALE: NONE
DATE: JUNE 9, 2006
DRAWN BY: NJH
CHECKED BY: RMG

CTE | AECOM

Rev. B-21-06

S00-5

5/30/06 AM

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY	90% FEDERAL / 10% STATE																	
				URBAN ROADWAY		RETAINING WALL	BRIDGE		SIGNING	LIGHTING	SURVEILLANCE	SAFETY	CDOT LIGHTING								
				J000	URBAN	69TH STREET SOUTHWEST	STR NO 016-0142	STR NO 016-1148	Y002-1C	Y030-1E	Y032-1F	SFTY-3N	Y030-1E								
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1																	
Z0076600	TRAINEES	HOUR	1,500	1,500																	
X0325491	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., SCH. 80 PVC	FOOT	351																		351
X0325492	CONVENTIONAL STREET LIGHTING UNIT WALL MOUNTED, INSTALL ONLY	EACH	5																		5
X0325494	GALVANIZED STEEL CONDUIT IN TRENCH, 2" DIA., SCH. 40	FOOT	70																		70
B0700110	GROUND ROD, 3/4" DIA. X 10 FT.	EACH	5																		5
TWY02040	MAINTAIN EXISTING LIGHTING SYSTEM	L SUM	1																		1
X0945500	PAINT EXISTING POLE COMPLETE	EACH	5																		5
X0325495	REMOVE EXISTING STREET LIGHTING UNIT AND SALVAGE	EACH	5																		5
X0325496	TRENCH AND BACKFILL WITH SCREENINGS AND/OR SAND	FOOT	70																		70
X0325493	CABLE IN CONDUIT, ^{TRIPLEX,} 2-1/C NO. 6 AND 1-1/C NO. 8 GND.	FOOT	501																		501
X0325305	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5")	SQ FT	1,618				715	903													
X0325497	STRUCTURAL REPAIR OF CONCRETE (SPECIAL)	SQ FT	1,196				1,196														
X0325498	DUCTILE IRON PIPE	FOOT	134	134																	
W900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2,000	2,000																	
W900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1																	
W900530	SOIL DISPOSAL ANALYSIS	EACH	2	2																	

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• DENOTES SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 63RD STREET TO GARFIELD BLVD (SB LOCAL LANES)

SUMMARY OF QUANTITIES

SCALE: NONE
 DATE: June 9, 2006
 DRAWN BY: NJH
 CHECKED BY: RMC



6/9/2006 5:39:37 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	247	14
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
60A63 • (19)9.15, 2021-922 PT1 & PT2 R-2				

STRUCTURAL PAVEMENT DESIGN FOR MAINLINE

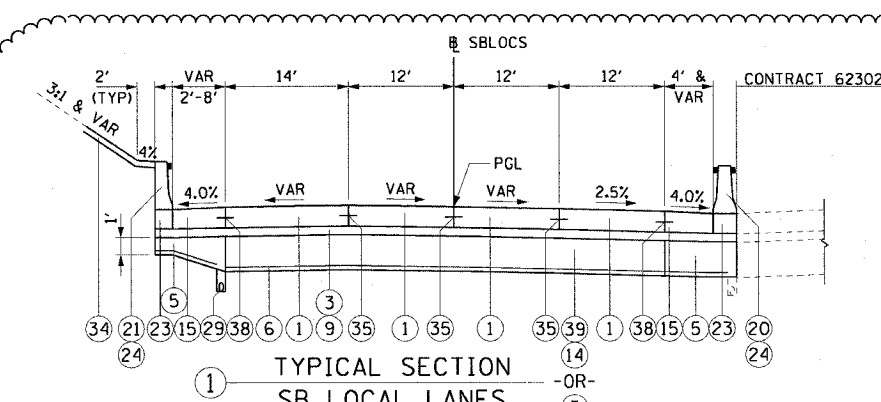
STRUCTURAL DESIGN TRAFFIC:	YEAR 2020
PV= 125,272	SU= 10,930 MU= 31,949
ROAD/STREET CLASSIFICATION:	CLASS 1
PV= 8%	SU= 37% MU= 37%
TRAFFIC FACTOR:	ACTUAL TF= 264.46 AC TYPE= N/A
	MINIMUM TF= 12.39
AC GRADE:	BINDER= - SURFACE= -
SUBGRADE SUPPORT RATING:	
SSR= 2.00	(STA. to STA.)
SSR= 2.00	(STA. to STA.)

BITUMINOUS MIXTURE REQUIREMENT

ITEM	AC TYPE	VOIDS	RAP %
BITUMINOUS STABILIZED SUB-BASE, 4 1/2"	PG 58-22	3% @ 50 Gyr	40

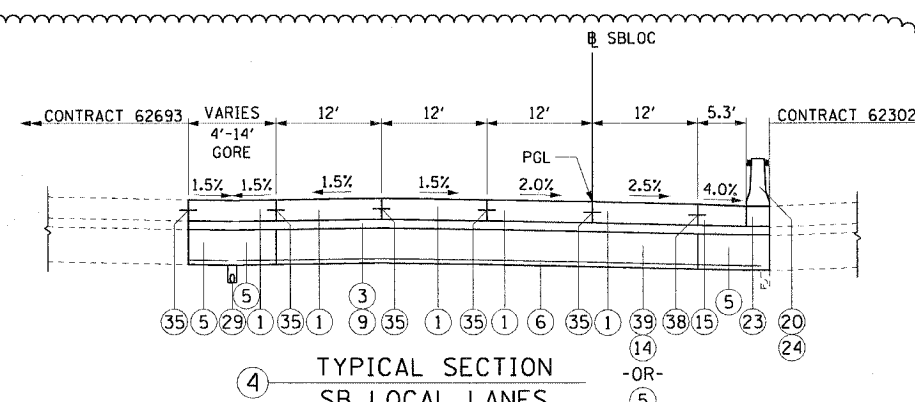
PROPOSED LEGEND:

- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14" AND PAVEMENT REINFORCEMENT 14"
- ③ BITUMINOUS STABILIZED SUB-BASE, 4 1/2"
- ⑤ SUB-BASE GRANULAR MATERIAL, TYPE B 24"
- ⑥ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑨ BITUMINOUS MATERIALS (PRIME COAT)
- ⑭ EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL
- ⑮ PORTLAND CEMENT CONCRETE SHOULDERS 14" & VARIES
- ⑱ CONCRETE MEDIAN SURFACE, 6" (SPECIAL)
- ⑳ CONCRETE BARRIER, DOUBLE FACE, 32" HEIGHT
- ㉑ CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT
- ㉒ BARRIER BASE
- ㉔ BARRIER WALL MARKERS, TYPE C (80' C-C)
- ㉖ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
- ㉗ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- ㉘ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.48 (MODIFIED)
- ㉙ PIPE UNDERDRAINS 6"
- ㉛ GUARDRAIL
- ㉜ TOPSOIL FURNISH AND PLACE / SEEDING (SEE LANDSCAPING PLANS FOR DETAILS)
- ㉝ LONGITUDINAL SAWED OR CONSTRUCTION JOINT. FOR LONGITUDINAL SAWED JOINT, POUR IN PLACE NO. 6 DEFORMED EPOXY TIE BARS 30" LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF CONTINUOUSLY REINFORCED PCC PAVEMENT 14")
- ㉞ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE COMB CONC CURB AND GUTTER TYPE)
- ㉟ LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 30" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE PCC SHOULDER TYPE)
- ㊱ SUB-BASE GRANULAR MATERIAL, TYPE B 12"



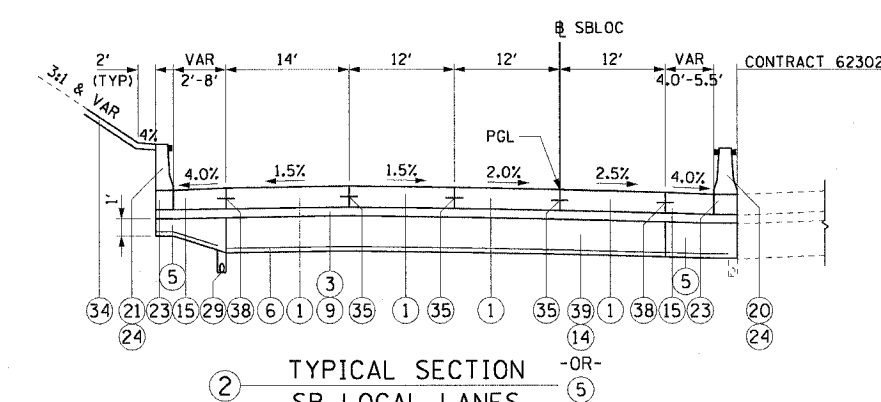
1 TYPICAL SECTION SB LOCAL LANES

STA 3423+00.00 TO STA 3426+50.00
SUPERELEVATION TRANSITION: STA 3421+41.08 TO STA 3424+24.08



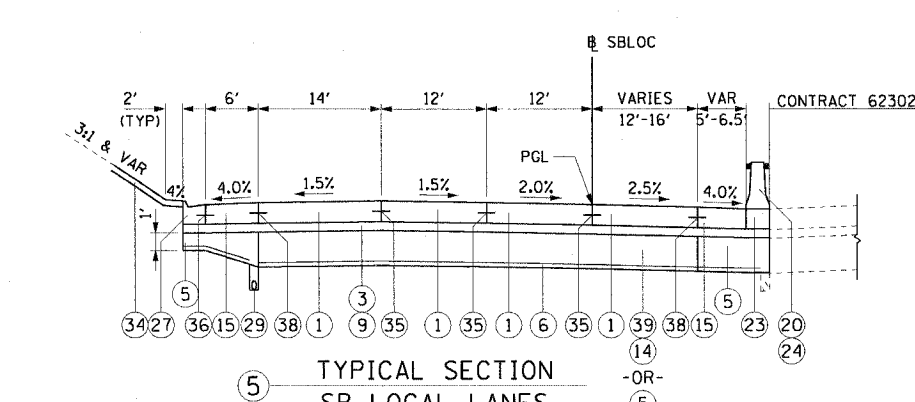
4 TYPICAL SECTION SB LOCAL LANES

STA 3436+33.51 TO STA 3437+83.48



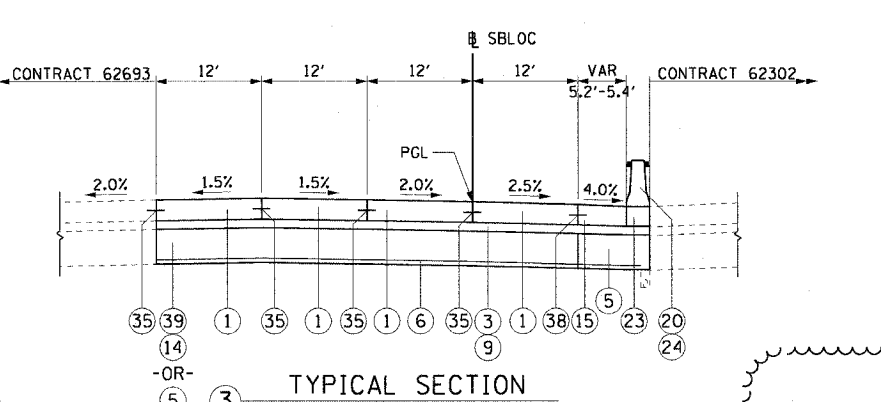
2 TYPICAL SECTION SB LOCAL LANES

STA 3426+50.00 TO STA 3429+43.55



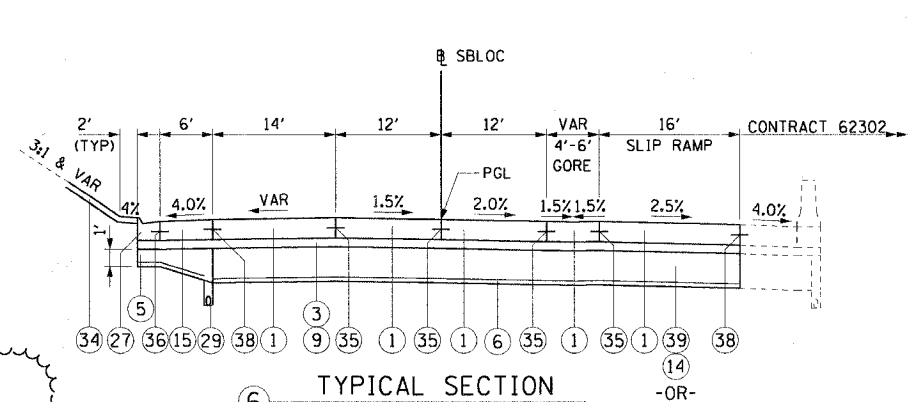
5 TYPICAL SECTION SB LOCAL LANES

STA 3437+83.48 TO STA 3444+99.64



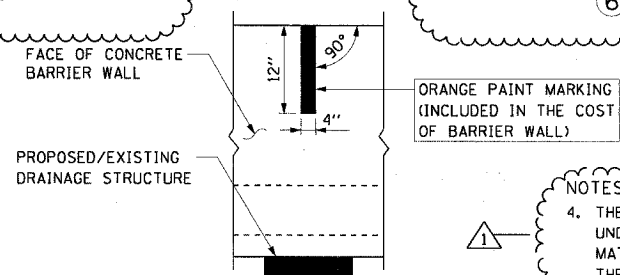
3 TYPICAL SECTION SB LOCAL LANES

STA 3429+43.55 TO STA 3436+33.51



6 TYPICAL SECTION SB LOCAL LANES

STA 3444+99.64 TO STA 3445+60.75



CONCRETE BARRIER WALL MARKING AT DRAINAGE STRUCTURE

PLACE ON BARRIER WALL CONSTRUCTED ADJACENT TO ALL PROPOSED AND/OR EXISTING DRAINAGE STRUCTURES

NOTES CONT:
4. THE SLOPE OF THE STABILIZED SUB-BASE 4 1/2" UNDER THE SHOULDERS AND CURB & GUTTER SHALL MATCH THE SLOPE OF THE ADJACENT PAVEMENT IN THE NORMAL CROWNED AREAS.

- NOTES:**
- SEE ROADWAY DETAILS FOR THE VARIABLE HEIGHT OF THE DOUBLE FACE BARRIER WALL AND FOR TYING THE BARRIER BASE TO THE PCC SHOULDER AND FOR THE LIMITS OF CONSTRUCTION OF THE SUB-BASE GRANULAR MATERIAL UNDER THE DOUBLE FACE BARRIER WALL.
 - THE SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED IN ALL PROPOSED AND EXISTING SHOULDERS ACCORDING TO 100T STANDARD 642001. SEE ROADWAY PLANS FOR EXACT LOCATIONS.
 - TYPICAL SECTIONS NEED TO BE VERIFIED WITH THE ROADWAY PLANS AS THEY ARE A REPRESENTATION OF THE PLANS. THEY DO NOT SHOW ALL CONFIGURATIONS, JUST THE MOST PREDOMINANT.

REVISIONS	
NAME	DATE
ADDENDUM 1	7/27/06

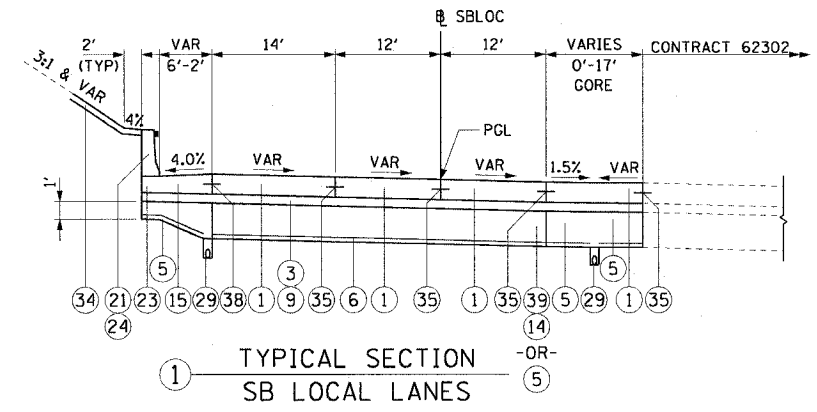
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
63RD STREET TO GARFIELD BLVD (SB LOCAL LANES)

PROPOSED TYPICAL SECTIONS SOUTHBOUND LOCAL LANES

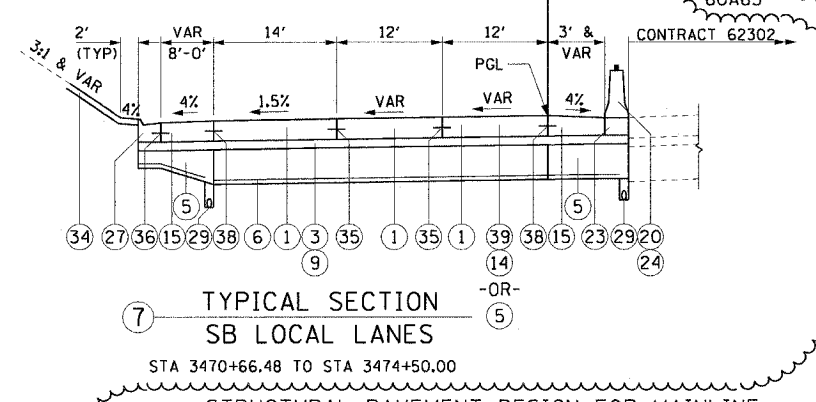
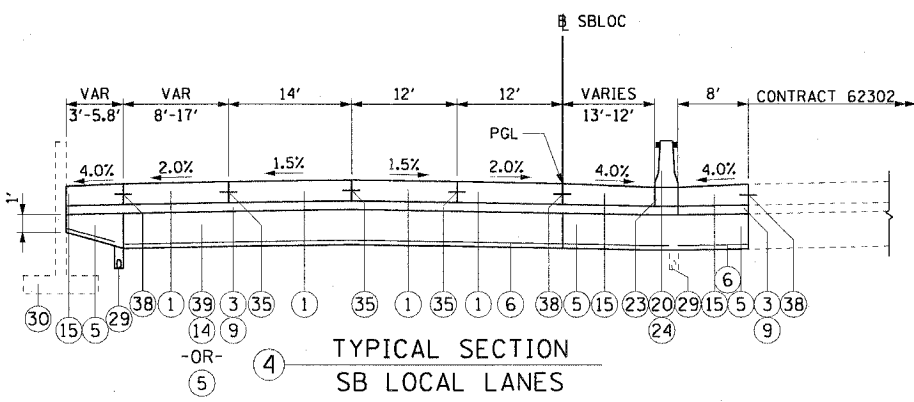
SCALE: H1"=10' V1"=5'
DATE: June 9, 2006
DRAWN BY: NJH
CHECKED BY: RMC

F:\P\4668\CH\MB-Cnts 18 & 19\SB\Typical 19\ATYPical Sections\SEC09\0022487

7/28/2006 11:04:46 AM

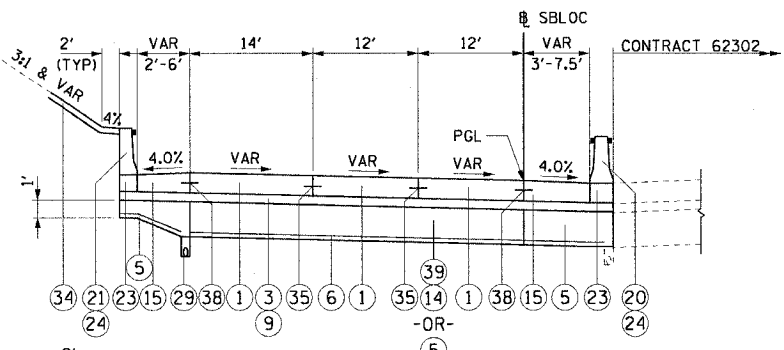


SUPERELEVATION TRANSITION: STA 3444+99.76 TO 3446+43.76
FULL SUPERELEVATION: STA 3446+43.76 TO STA 3449+88.26 (2.5% RT)

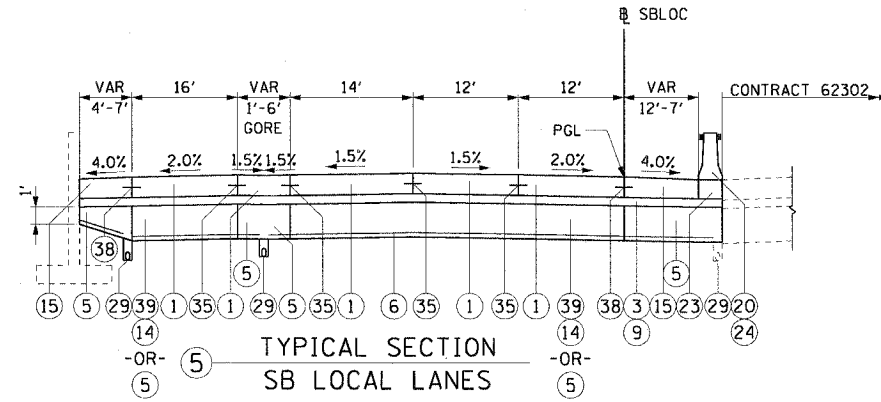


STRUCTURAL PAVEMENT DESIGN FOR MAINLINE

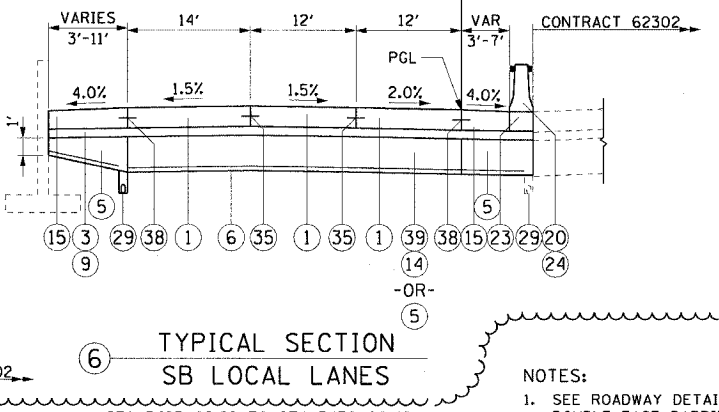
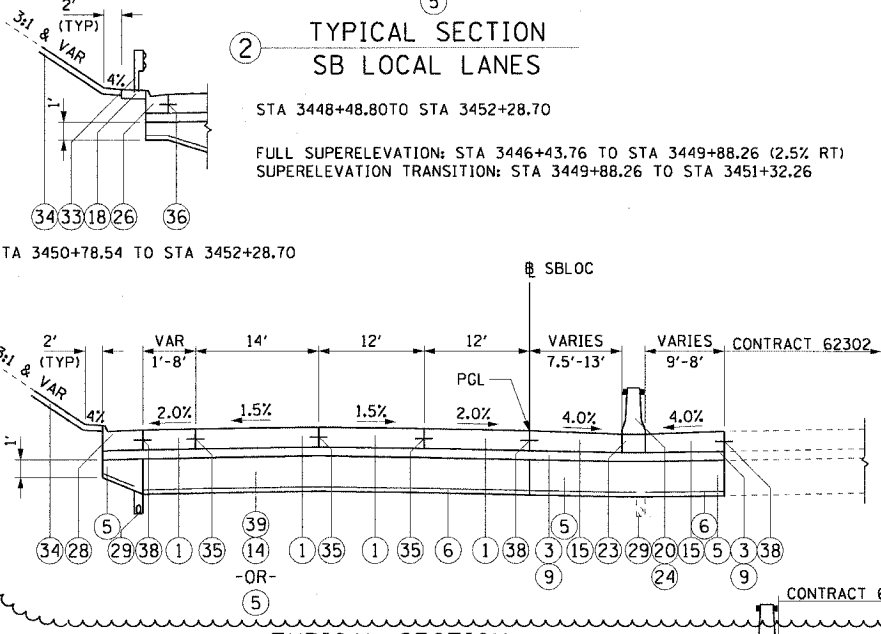
STRUCTURAL DESIGN TRAFFIC:	YEAR 2020
PV= 125,272	SU= 10,930 MU= 31,949
ROAD/STREET CLASSIFICATION:	CLASS 1
PV= 8%	SU= 37% MU= 37%
TRAFFIC FACTOR:	ACTUAL TF= 264.46 AC TYPE= N/A
	MINIMUM TF= 12.39
AC GRADE:	BINDER= SURFACE=
SUBGRADE SUPPORT RATING:	
SSR= 2.00 (STA. to STA.)	
SSR= 2.00 (STA. to STA.)	



FULL SUPERELEVATION: STA 3446+43.76 TO STA 3449+88.26 (2.5% RT)
SUPERELEVATION TRANSITION: STA 3449+88.26 TO STA 3451+32.26



- PROPOSED LEGEND:**
- 1 CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14" AND PAVEMENT REINFORCEMENT 14"
 - 3 BITUMINOUS STABILIZED SUB-BASE, 4 1/2"
 - 5 SUB-BASE GRANULAR MATERIAL, TYPE B 24"
 - 6 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
 - 9 BITUMINOUS MATERIALS (PRIME COAT)
 - 14 EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL
 - 15 PORTLAND CEMENT CONCRETE SHOULDERS 14" & VARIES
 - 18 CONCRETE MEDIAN SURFACE, 6" (SPECIAL)
 - 20 CONCRETE BARRIER, DOUBLE FACE, 32" HEIGHT
 - 21 CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT
 - 23 BARRIER BASE
 - 24 BARRIER WALL MARKERS, TYPE C (80" C-C)
 - 26 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
 - 27 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
 - 28 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.48 (MODIFIED)
 - 29 PIPE UNDERDRAINS 6"
 - 33 GUARDRAIL
 - 34 TOPSOIL FURNISH AND PLACE / SEEDING (SEE LANDSCAPING PLANS FOR DETAILS)
 - 35 LONGITUDINAL SAWED OR CONSTRUCTION JOINT. FOR LONGITUDINAL SAWED JOINT, POUR IN PLACE NO. 6 DEFORMED EPOXY TIE BARS 30" LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF CONTINUOUSLY REINFORCED PCC PAVEMENT 14")
 - 36 LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE COMB CONC CURB AND GUTTER TYPE)
 - 38 LONGITUDINAL CONSTRUCTION JOINT. DRILL AND GROUT NO. 8 DEFORMED EPOXY TIE BARS 30" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE PCC SHOULDER TYPE)
 - 39 SUB-BASE GRANULAR MATERIAL, TYPE B 12"



NOTES CONT:

4. THE SLOPE OF THE STABILIZED SUB-BASE 4 1/2" UNDER THE SHOULDERS AND CURB & GUTTER SHALL MATCH THE SLOPE OF THE ADJACENT PAVEMENT IN THE NORMAL CROWNED AREAS.

- NOTES:**
- SEE ROADWAY DETAILS FOR THE VARIABLE HEIGHT OF THE DOUBLE FACE BARRIER WALL AND FOR TYING THE BARRIER BASE TO THE PCC SHOULDER AND FOR THE LIMITS OF CONSTRUCTION OF THE SUB-BASE GRANULAR MATERIAL UNDER THE DOUBLE FACE BARRIER WALL.
 - THE SHOULDER RUMBLE STRIPS SHALL BE CONSTRUCTED IN ALL PROPOSED AND EXISTING SHOULDERS ACCORDING TO IDOT STANDARD 642001. SEE ROADWAY PLANS FOR EXACT LOCATIONS.
 - TYPICAL SECTIONS NEED TO BE VERIFIED WITH THE ROADWAY PLANS AS THEY ARE A REPRESENTATION OF THE PLANS. THEY DO NOT SHOW ALL CONFIGURATIONS, JUST THE MOST PREDOMINANT.

REVISIONS

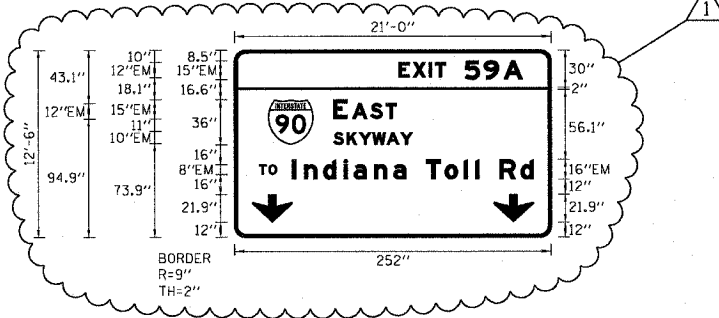
NAME	DATE
ADDENDUM 1	7/27/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
63RD STREET TO GARFIELD BLVD (SB LOCAL LANES)

PROPOSED TYPICAL SECTIONS SOUTHBOUND LOCAL LANES

SCALE: H=1"=10' V=1"=5'
DATE: June 9, 2006
DRAWN BY: NJH
CHECKED BY: RMG

SIGN DETAIL



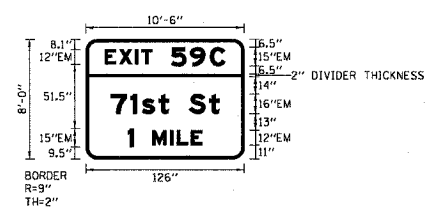
SIGN NUMBER	ISO161094R058.3 LT
WIDTH x HEIGHT	21'-0" x 12'-6"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	OVERHEAD
BACKGROUND	TYPE: REFLECTIVE
	COLOR: GREEN
LEGEND/BORDER	TYPE: REFLECTIVE
	COLOR: WHITE

SYMBOL	X	Y	WID	HT
M.1	26.7	74	36	36

DIMENSIONS ARE IN INCHES, TENTHS LETTER LOCATIONS ARE PANEL EDGE TO LOWER LEFT CORNER

LETTER POSITIONS (X)							LENGTH SERIES, SIZE	
E	X	I	T	S	9	A		
130.6	141.9	154.8	159.6	183.4	198.5	214.4		98.7 EM12,EM15
E	A	S	T					50.3 EM15,EM12
78.7	93.7	108.2	120.2					
S	K	Y	W	A	Y			63.2 EM10
78.7	89.3	98.9	109.7	121	131.8			
T	O							14.2 EM8
20.5	28							
I	N	D	I	A	N	A		192.2 EM16/12
45.8	55.4	70.6	86.9	94.9	111.2	126.4		

SIGN DETAIL

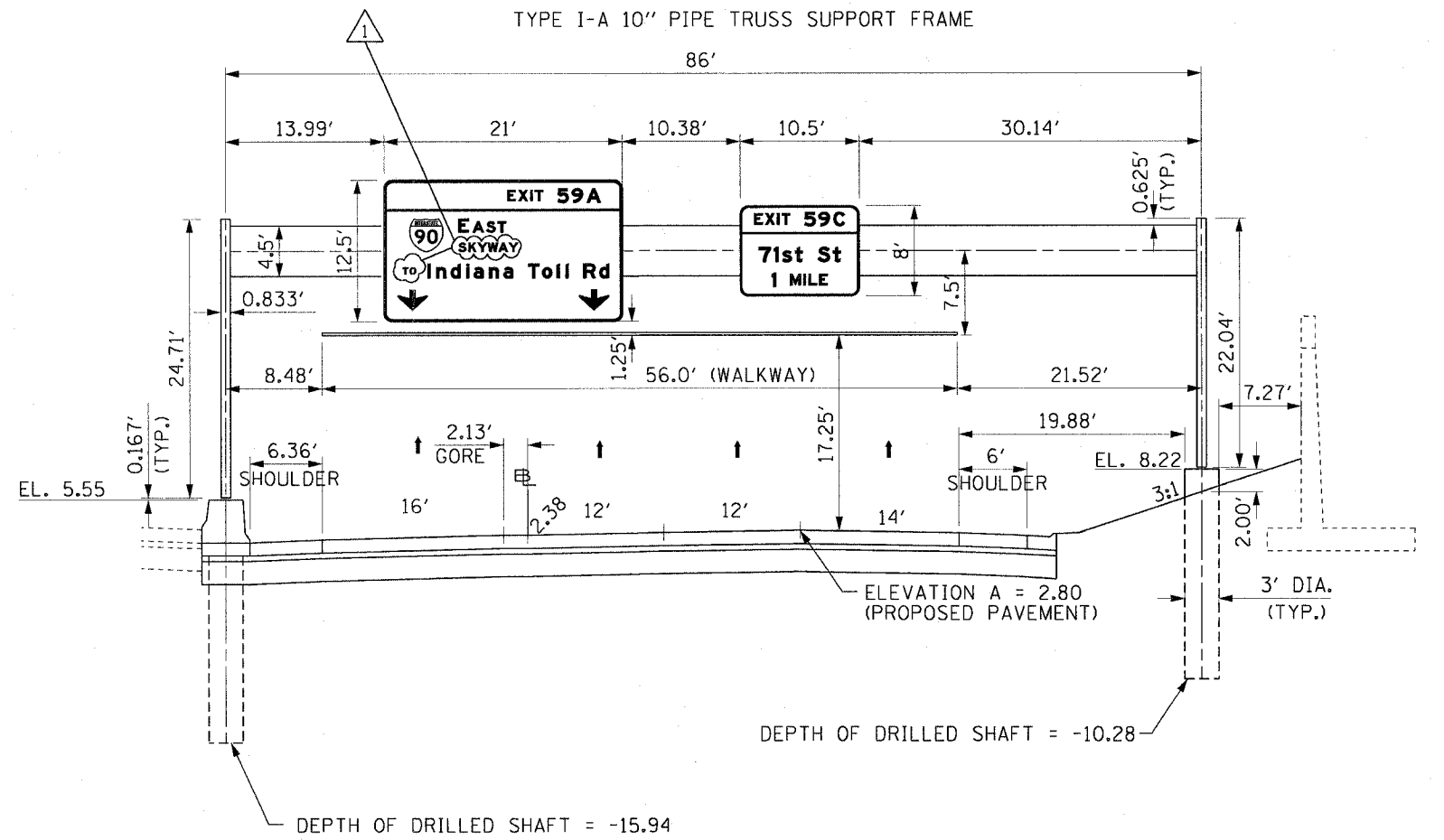


SIGN NUMBER	ISO161094R058.3 RT
WIDTH x HEIGHT	10'-6" x 8'-0"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	OVERHEAD
BACKGROUND	TYPE: REFLECTIVE
	COLOR: GREEN
LEGEND/BORDER	TYPE: REFLECTIVE
	COLOR: WHITE

SYMBOL	X	Y	WID	HT

DIMENSIONS ARE IN INCHES, TENTHS LETTER LOCATIONS ARE PANEL EDGE TO LOWER LEFT CORNER

LETTER POSITIONS (X)							LENGTH SERIES, SIZE	
E	X	I	T	S	9	C		
15.2	26.4	39.3	44.1	67.9	83	98.9		95.7 EM12,EM15
7	1	S	+	S	+			86.5 EM16/12
19.8	35.8	44.7	58	66.1	82.1	98.2		
I	M	I	L	E				59.1 EM15,EM12
33.4	52.9	67	72.4	83.7				



1SO161094R058.3
MOUNTING DETAIL
PROPOSED OVERHEAD SIGN STRUCTURE
STA 3444+50.00 S.B. I-90/94
LOOKING SOUTH

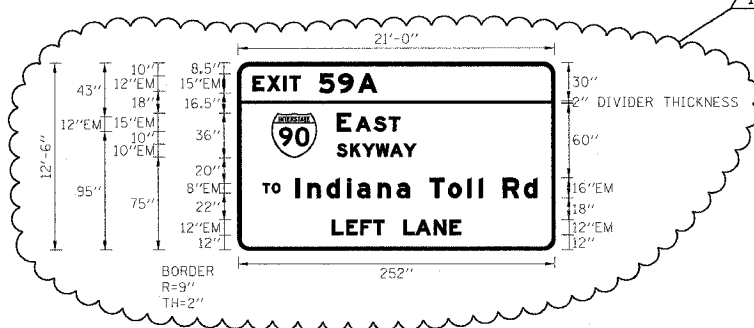
NOTES:

1. PROPOSED PAVEMENT FOR LOCAL LANES IS SHOWN FOR INFORMATION ONLY.
2. REFER TO LIGHTING PLANS FOR ORIENTATION AND LOCATION OF THE CONDUIT EMBEDDED IN THE OVERHEAD SIGN FOUNDATIONS.

REVISIONS	
NAME	DATE
Addendum 1	7/27/06

OSS-1
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
63RD STREET TO GARFIELD BLVD (SB LOCAL LANES)
PERMANENT SIGN PANEL MOUNTING DETAILS
PROPOSED OVERHEAD SIGN STRUCTURE
STA. 3444+50.00
SCALE: NONE DRAWN BY: JSS
DATE: June 9, 2006 CHECKED BY: MJP

SIGN DETAIL



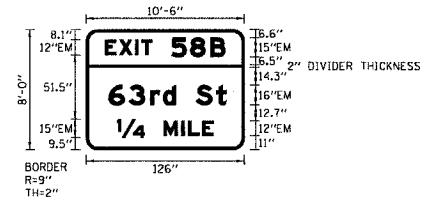
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WIDTH x HEIGHT	21'-0" x 12'-6"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	OVERHEAD
BACKGROUND	TYPE: REFLECTIVE COLOR: GREEN
LEGEND/BORDER	TYPE: REFLECTIVE COLOR: WHITE

SYMBOL	X	Y	WID	HT
ML1	26.7	74	36	36

DIMENSIONS ARE IN INCHES.TENTHS LETTER LOCATIONS ARE PANEL EDGE TO LOWER LEFT CORNER

LETTER POSITIONS (X)										LENGTH SERIES, SIZE						
E	X	I	T	S	9	A				98.7	EM12,EM15					
12	23.3	36.1	41	64.8	79.8	95.7										
E	A	S	T							50.3	EM15,EM12					
78.7	93.7	108.2	120.2													
S	K	Y	W	A	Y					63.2	EM10					
78.7	89.3	98.9	109.7	121	131.8											
T	O									14.2	EM8					
20.5	28															
I	n	d	I	a	n	a	T	o	I	I	R	d	192.2	EM16/12		
45.8	55.4	70.6	86.9	94.9	111.2	126.4	136.5	152.5	167.3	182.7	191.8	194.8	210.8	227.8		
L	E	F	T	L	A	N	E								102.4	EM12
74.8	86.1	97.4	107.8	131.6	141.3	155.8	168.4									

SIGN DETAIL



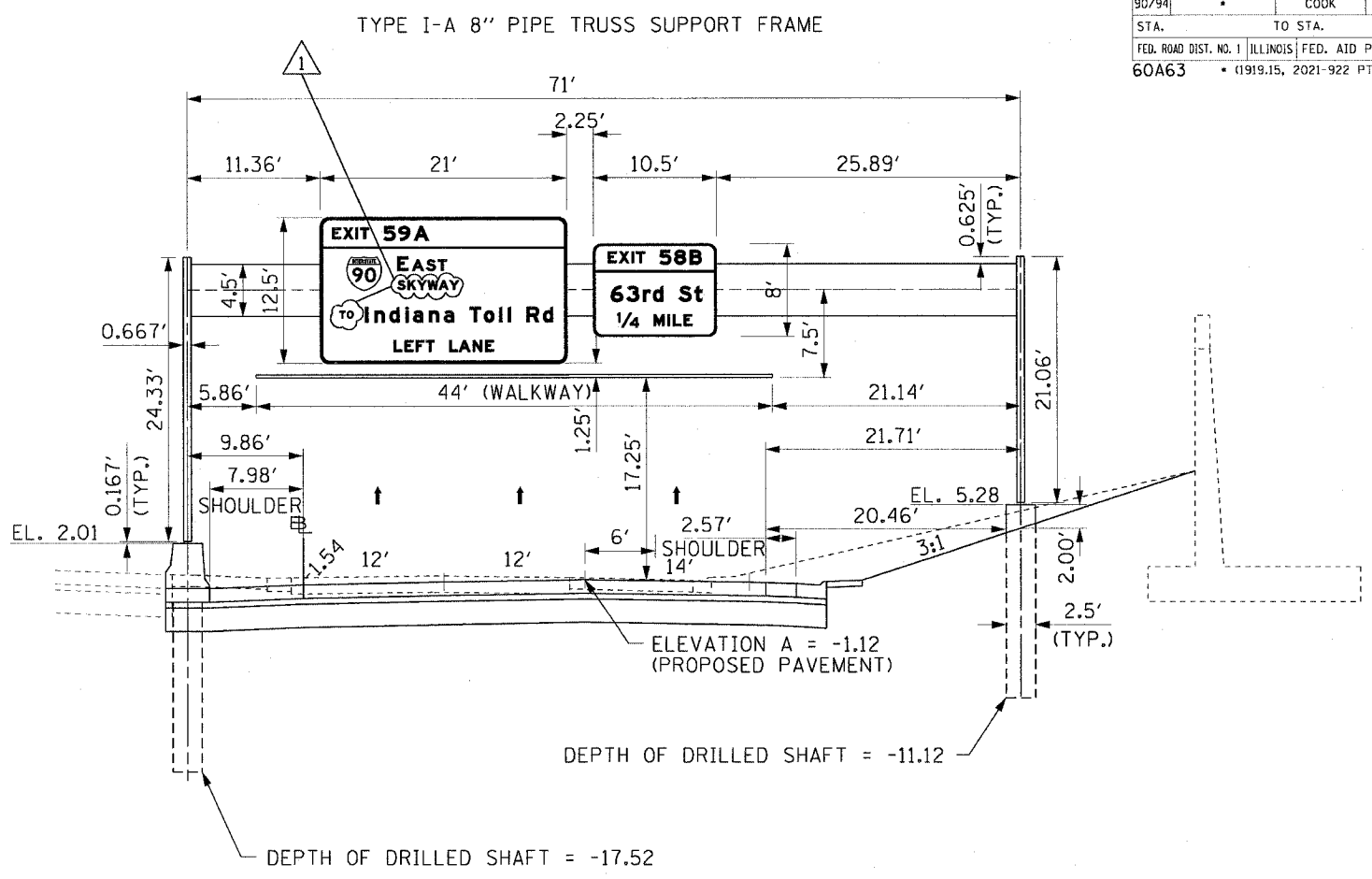
SIGN NUMBER	ISO161094R058.1 RT
WIDTH x HEIGHT	10'-6" x 8'-0"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	OVERHEAD
BACKGROUND	TYPE: REFLECTIVE COLOR: GREEN
LEGEND/BORDER	TYPE: REFLECTIVE COLOR: WHITE

SYMBOL	X	Y	WID	HT

DIMENSIONS ARE IN INCHES.TENTHS LETTER LOCATIONS ARE PANEL EDGE TO LOWER LEFT CORNER

LETTER POSITIONS (X)										LENGTH SERIES, SIZE	
E	X	I	T	S	8	B				95.7	EM12,EM15
15.2	26.4	39.3	44.1	67.9	83	98.9					
6	3	r	d	S	t					93.6	EM16/12
18	34.1	51	61.2	71.4	87.4	103.5					
1/4	M	I	L	E						76.6	EM15,EM12
24.7	61.7	75.8	81.2	92.5							

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	247	100
STA.	TO STA.			
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
60A63		(1919.15, 2021-922 PT1 & PT2) R-2		



ISO161094R058.1
MOUNTING DETAIL
PROPOSED OVERHEAD SIGN STRUCTURE
STA 3453+00.00 S.B. I-90/94
LOOKING SOUTH

NOTES:

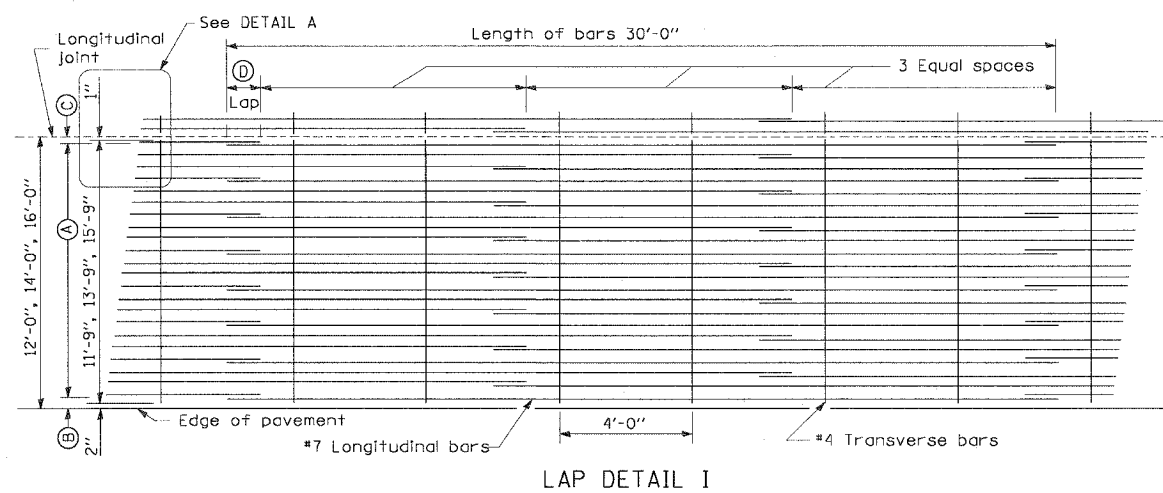
1. PROPOSED PAVEMENT FOR LOCAL LANES IS SHOWN FOR INFORMATION ONLY.
2. REFER TO LIGHTING PLANS FOR ORIENTATION AND LOCATION OF THE CONDUIT EMBEDDED IN THE OVERHEAD SIGN FOUNDATIONS.



REVISIONS	
NAME	DATE
Addendum 1	7/27/06

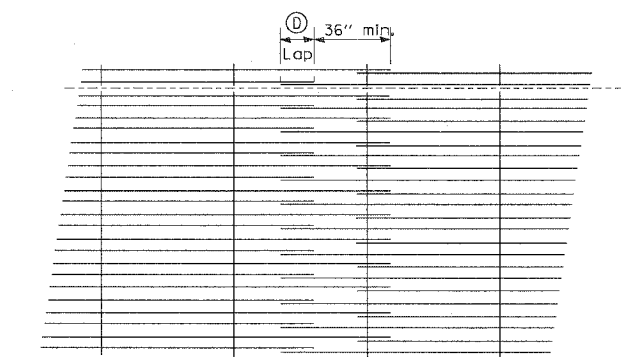
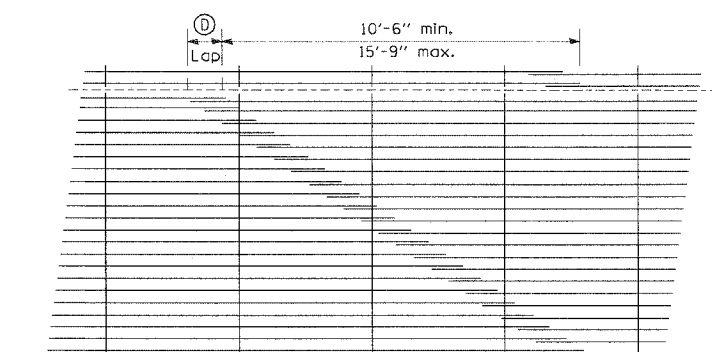
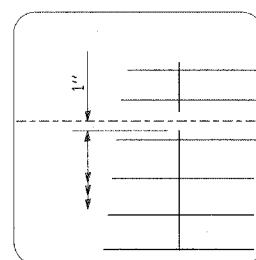
OSS-2
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
63RD STREET TO GARFIELD BLVD (SB LOCAL LANES)
PERMANENT SIGN PANEL MOUNTING DETAILS
PROPOSED OVERHEAD SIGN STRUCTURES
STA. 3453+00.00
SCALE: NONE DRAWN BY: JSS
DATE: June 9, 2006 CHECKED BY: MJP

P:\P\06066\06066-0018-018 & 019\06066-0018-018.dwg 19/06/06 10:00:17 PM 7/27/2006 10:00:17 PM



Pavement Width	Bar Size	Pavement Thickness	(A) (Approx. Spacing)	(B)	(C)	(D)
12 feet	#7	14"	23 spaces (24 bars) @ 6"	3 1/2"	3"	26"
14 feet	#7	14"	27 spaces (28 bars) @ 6"	3 1/2"	3"	26"
16 feet	#7	14"	31 spaces (32 bars) @ 6"	3 1/2"	3"	26"

1



GENERAL NOTES

1. THE PAVEMENT REINFORCEMENT SHALL BE 4.5" FROM THE TOP OF PAVEMENT.
2. EXCEPT AS NOTED OR SHOWN, THE DIMENSIONS AND NOTES SPECIFIED FOR LAP DETAIL I ARE TYPICAL FOR LAP DETAIL II AND III.
3. THE (B) DIMENSION AND THE DISTANCE FROM THE END OF THE TRANSVERSE BAR TO THE EDGE OF PAVEMENT MAY BE INCREASED BY 1" FOR SLIP FORM PAVING.

RDT-1

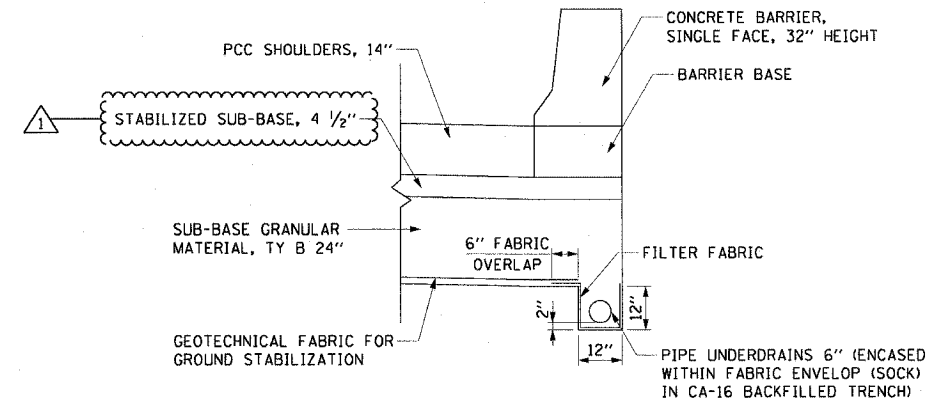
REVISIONS	
NAME	DATE
ADDENDUM 1	7/27/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 63RD STREET TO GARFIELD BLVD (SB LOCAL LANES)
 ROADWAY DETAILS
 EXTENDED LANE REINFORCEMENT FOR
 CONTINUOUSLY REINFORCED PCC PAVEMENT

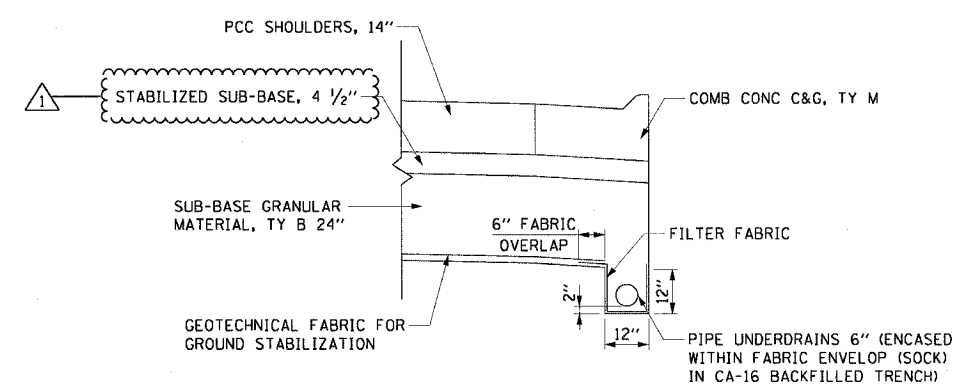
SCALE: NONE
 DATE: June 9, 2006

DRAWN BY: NJH
 CHECKED BY: RMG

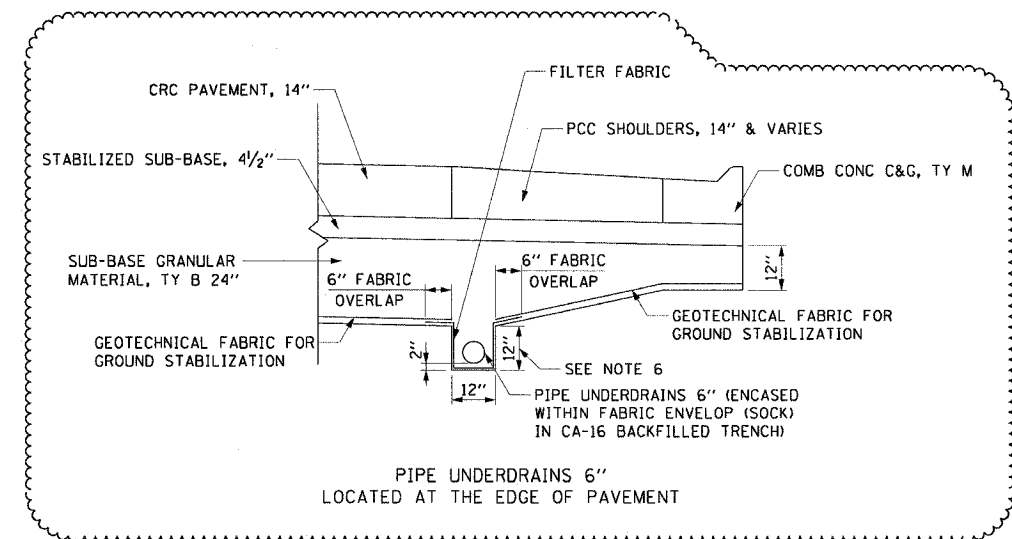
PIPER UNDERDRAINS 6"
N.T.S.



PIPE UNDERDRAINS 6"
LOCATED UNDER SINGLE FACE BARRIER WALL



PIPE UNDERDRAINS 6"
LOCATED UNDER COMB CONC C&G



PIPE UNDERDRAINS 6"
LOCATED AT THE EDGE OF PAVEMENT

NOTES:

1. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION SHALL BE PLACED SUCH THAT IT EXTENDS TO THE EDGE OF THE TRENCH AND OVERLAPS THE FILTER FABRIC BY A MINIMUM OF 6". AT NO TIME SHALL THE GEOTECHNICAL FABRIC FOR GROUND STABILIZATION BE OVER OR COVER THE UNDERDRAIN TRENCH.
2. NO CONSTRUCTION TRAFFIC SHALL BE ALLOWED ON THE TRENCH UNTIL A MINIMUM OF 12" OF COMPACTED SUB-BASE IS PROVIDED.
3. THE PIPE UNDERDRAIN TRENCH SHALL BE LINED WITH FILTER FABRIC ON THE BOTTOM AND SIDES OF THE TRENCH. THE TOP OF THE TRENCH MUST NOT BE COVERED WITH ANY FABRIC.
4. FILTER FABRIC, FABRIC ENVELOPE, AND CA-16 AGGREGATE ARE INCLUDED IN THE UNIT COST OF PIPE UNDERDRAIN, 6".
5. CONTRACTOR SHALL FLUSH PIPE UNDERDRAIN WITH WATER TO INSURE UNDERDRAIN IS FUNCTIONING PROPERLY PRIOR TO THE PLACEMENT OF STABILIZED SUB-BASE. PRIOR TO COMMENCING THIS WORK, THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH HIS APPROACH AND METHODS FOR COMPLETING THIS WORK, FOR THE ENGINEER'S REVIEW AND APPROVAL. THE COST OF FLUSHING THE PIPE IS INCLUDED IN THE UNIT COST OF PIPE UNDERDRAIN, 6".

CTE | AECOM

REVISIONS	
NAME	DATE
ADDENDUM 1	7/27/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
63RD STREET TO GARFIELD BLVD (SB LOCAL LANES)

DRAINAGE DETAILS
PIPE UNDERDRAINS 6"

SCALE: NONE
DATE: June 9, 2006

DRAWN BY: RMG
CHECKED BY: XXX

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