

INDEX

SHEET NO.	DESIGNATION	B.P.R. APPROVAL	DATE ADOPTED OR LATEST REVISION "R"
1	TITLE SHEET STD. DIV. LANE (INTERSTATE) STD. DIV. LANE (INTERSTATE) STD. DIV. LANE (INTERSTATE) STD. CROSS SECTION STD. CROSS SECTION STD. CROSS SECTION		
2	TYPICAL CROSS SECTION STD. B. AND RAMP SECTION STD. TO NCH. RAMP SECTION FUTURE TYPICAL CROSS SECTION		
3	STD. PAVEMENT JOINTS SHEET "A"		
4-5	PLAN AND PROFILE	5-25-62	R-5-11-62
6	STRUCTURE DATA		
7	ESTIMATE OF QUANTITIES		
7-A	ESTIMATE OF QUANTITIES		
8	MISCELLANEOUS STANDARDS, SHEET "MA" MISCELLANEOUS STANDARDS, SHEET "MB" MISCELLANEOUS STANDARDS, SHEET "MC" MISCELLANEOUS STANDARDS, SHEET "MD" MISCELLANEOUS STANDARDS, SHEET "ME" MISCELLANEOUS STANDARDS, SHEET "MF" MISCELLANEOUS STANDARDS, SHEET "MG" MISCELLANEOUS STANDARDS, SHEET "MH" MISCELLANEOUS STANDARDS, SHEET "MI" MISCELLANEOUS STANDARDS, SHEET "MJ" MISCELLANEOUS STANDARDS, SHEET "MK" MISCELLANEOUS STANDARDS, SHEET "ML" MISCELLANEOUS STANDARDS, SHEET "MM" MISCELLANEOUS STANDARDS, SHEET "MN" MISCELLANEOUS STANDARDS, SHEET "MO" MISCELLANEOUS STANDARDS, SHEET "MP" MISCELLANEOUS STANDARDS, SHEET "MQ" MISCELLANEOUS STANDARDS, SHEET "MR" MISCELLANEOUS STANDARDS, SHEET "MS" MISCELLANEOUS STANDARDS, SHEET "MT"	1-26-60	R-4-1-59
9	MISCELLANEOUS STANDARDS, SHEET "MA" MISCELLANEOUS STANDARDS, SHEET "MB" MISCELLANEOUS STANDARDS, SHEET "MC" MISCELLANEOUS STANDARDS, SHEET "MD" MISCELLANEOUS STANDARDS, SHEET "ME" MISCELLANEOUS STANDARDS, SHEET "MF" MISCELLANEOUS STANDARDS, SHEET "MG" MISCELLANEOUS STANDARDS, SHEET "MH" MISCELLANEOUS STANDARDS, SHEET "MI" MISCELLANEOUS STANDARDS, SHEET "MJ" MISCELLANEOUS STANDARDS, SHEET "MK" MISCELLANEOUS STANDARDS, SHEET "ML" MISCELLANEOUS STANDARDS, SHEET "MM" MISCELLANEOUS STANDARDS, SHEET "MN" MISCELLANEOUS STANDARDS, SHEET "MO" MISCELLANEOUS STANDARDS, SHEET "MP" MISCELLANEOUS STANDARDS, SHEET "MQ" MISCELLANEOUS STANDARDS, SHEET "MR" MISCELLANEOUS STANDARDS, SHEET "MS" MISCELLANEOUS STANDARDS, SHEET "MT"	1-26-60	R-5-26-59
10	MISCELLANEOUS STANDARDS, SHEET "MA" MISCELLANEOUS STANDARDS, SHEET "MB" MISCELLANEOUS STANDARDS, SHEET "MC" MISCELLANEOUS STANDARDS, SHEET "MD" MISCELLANEOUS STANDARDS, SHEET "ME" MISCELLANEOUS STANDARDS, SHEET "MF" MISCELLANEOUS STANDARDS, SHEET "MG" MISCELLANEOUS STANDARDS, SHEET "MH" MISCELLANEOUS STANDARDS, SHEET "MI" MISCELLANEOUS STANDARDS, SHEET "MJ" MISCELLANEOUS STANDARDS, SHEET "MK" MISCELLANEOUS STANDARDS, SHEET "ML" MISCELLANEOUS STANDARDS, SHEET "MM" MISCELLANEOUS STANDARDS, SHEET "MN" MISCELLANEOUS STANDARDS, SHEET "MO" MISCELLANEOUS STANDARDS, SHEET "MP" MISCELLANEOUS STANDARDS, SHEET "MQ" MISCELLANEOUS STANDARDS, SHEET "MR" MISCELLANEOUS STANDARDS, SHEET "MS" MISCELLANEOUS STANDARDS, SHEET "MT"	8-9-61	R-10-14-50
11	MISCELLANEOUS STANDARDS, SHEET "MA" MISCELLANEOUS STANDARDS, SHEET "MB" MISCELLANEOUS STANDARDS, SHEET "MC" MISCELLANEOUS STANDARDS, SHEET "MD" MISCELLANEOUS STANDARDS, SHEET "ME" MISCELLANEOUS STANDARDS, SHEET "MF" MISCELLANEOUS STANDARDS, SHEET "MG" MISCELLANEOUS STANDARDS, SHEET "MH" MISCELLANEOUS STANDARDS, SHEET "MI" MISCELLANEOUS STANDARDS, SHEET "MJ" MISCELLANEOUS STANDARDS, SHEET "MK" MISCELLANEOUS STANDARDS, SHEET "ML" MISCELLANEOUS STANDARDS, SHEET "MM" MISCELLANEOUS STANDARDS, SHEET "MN" MISCELLANEOUS STANDARDS, SHEET "MO" MISCELLANEOUS STANDARDS, SHEET "MP" MISCELLANEOUS STANDARDS, SHEET "MQ" MISCELLANEOUS STANDARDS, SHEET "MR" MISCELLANEOUS STANDARDS, SHEET "MS" MISCELLANEOUS STANDARDS, SHEET "MT"	2-21-63	R-11-28-62
12	MISCELLANEOUS STANDARDS, SHEET "MA" MISCELLANEOUS STANDARDS, SHEET "MB" MISCELLANEOUS STANDARDS, SHEET "MC" MISCELLANEOUS STANDARDS, SHEET "MD" MISCELLANEOUS STANDARDS, SHEET "ME" MISCELLANEOUS STANDARDS, SHEET "MF" MISCELLANEOUS STANDARDS, SHEET "MG" MISCELLANEOUS STANDARDS, SHEET "MH" MISCELLANEOUS STANDARDS, SHEET "MI" MISCELLANEOUS STANDARDS, SHEET "MJ" MISCELLANEOUS STANDARDS, SHEET "MK" MISCELLANEOUS STANDARDS, SHEET "ML" MISCELLANEOUS STANDARDS, SHEET "MM" MISCELLANEOUS STANDARDS, SHEET "MN" MISCELLANEOUS STANDARDS, SHEET "MO" MISCELLANEOUS STANDARDS, SHEET "MP" MISCELLANEOUS STANDARDS, SHEET "MQ" MISCELLANEOUS STANDARDS, SHEET "MR" MISCELLANEOUS STANDARDS, SHEET "MS" MISCELLANEOUS STANDARDS, SHEET "MT"	1-26-60	R-4-17-59
13	MISCELLANEOUS STANDARDS, SHEET "MA" MISCELLANEOUS STANDARDS, SHEET "MB" MISCELLANEOUS STANDARDS, SHEET "MC" MISCELLANEOUS STANDARDS, SHEET "MD" MISCELLANEOUS STANDARDS, SHEET "ME" MISCELLANEOUS STANDARDS, SHEET "MF" MISCELLANEOUS STANDARDS, SHEET "MG" MISCELLANEOUS STANDARDS, SHEET "MH" MISCELLANEOUS STANDARDS, SHEET "MI" MISCELLANEOUS STANDARDS, SHEET "MJ" MISCELLANEOUS STANDARDS, SHEET "MK" MISCELLANEOUS STANDARDS, SHEET "ML" MISCELLANEOUS STANDARDS, SHEET "MM" MISCELLANEOUS STANDARDS, SHEET "MN" MISCELLANEOUS STANDARDS, SHEET "MO" MISCELLANEOUS STANDARDS, SHEET "MP" MISCELLANEOUS STANDARDS, SHEET "MQ" MISCELLANEOUS STANDARDS, SHEET "MR" MISCELLANEOUS STANDARDS, SHEET "MS" MISCELLANEOUS STANDARDS, SHEET "MT"	PENDING	R-5-23-63
14	MISCELLANEOUS STANDARDS, SHEET "MA" MISCELLANEOUS STANDARDS, SHEET "MB" MISCELLANEOUS STANDARDS, SHEET "MC" MISCELLANEOUS STANDARDS, SHEET "MD" MISCELLANEOUS STANDARDS, SHEET "ME" MISCELLANEOUS STANDARDS, SHEET "MF" MISCELLANEOUS STANDARDS, SHEET "MG" MISCELLANEOUS STANDARDS, SHEET "MH" MISCELLANEOUS STANDARDS, SHEET "MI" MISCELLANEOUS STANDARDS, SHEET "MJ" MISCELLANEOUS STANDARDS, SHEET "MK" MISCELLANEOUS STANDARDS, SHEET "ML" MISCELLANEOUS STANDARDS, SHEET "MM" MISCELLANEOUS STANDARDS, SHEET "MN" MISCELLANEOUS STANDARDS, SHEET "MO" MISCELLANEOUS STANDARDS, SHEET "MP" MISCELLANEOUS STANDARDS, SHEET "MQ" MISCELLANEOUS STANDARDS, SHEET "MR" MISCELLANEOUS STANDARDS, SHEET "MS" MISCELLANEOUS STANDARDS, SHEET "MT"	PENDING	R-5-23-63
15	STD. GUARD RAIL STEEL BEAM GUARD RAIL G R-1	6-6-61	R-5-25-61
16	STEEL BEAM GUARD RAIL G R-1 (S. West Dept)	1-26-60	R-5-25-61
17	STD. FOR SUPERELEVATION STD. FOR SUPERELEVATION AND WIDENING OF CURVES STD. DEVIATIONS, SHEET 1	PENDING	R-3-8-63
18	STD. DEVIATIONS, SHEET 2	PENDING	R-3-8-63
19-20	STD. DEVIATIONS, SHEET 3 & 3A	PENDING	R-3-8-63
21	STD. DETOUR SIGNS, SHEET 4	1-26-62	R-2-1-61
22	STD. DETOUR SIGNS, SHEET 5	PENDING	R-3-8-63

REVISIONS		
SHEET NO.	DATE	REVISED

STATE HIGHWAY DEPARTMENT OF INDIANA.
STANDARD SPECIFICATIONS DATED 1960
TO BE USED WITH THESE PLANS.

STATE OF INDIANA
INDIANA STATE HIGHWAY COMMISSION

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
I-PROJECT NO. 80-1(35)200

P.E.
CONST.

BEGINNING AT A POINT ON INTERSTATE ROAD NO. I-80 AT THE ILLINOIS-INDIANA STATE LINE AND EXTENDING IN AN EASTERLY DIRECTION TO A POINT ON INTERSTATE NO. I-80 APPROX. 2168 FEET EAST OF THE WEST LINE OF SECTION 17, T36N, R9W, ALL IN LAKE COUNTY, INDIANA.

GROSS LENGTH: 2.246 MI.
NET LENGTH: 2.246 MI.
SCALES:
PLAN {LONG: 1"=100' PROFILE {HORIZ: 1"=100'
{TRANS: 1"=100' {VERT: 1"=10'
MAX. GRADE 2.8375%



NO ADDITIONAL R/W REQ'D. ON THIS PROJECT

FOR GRADE AND ALIGNMENT, FOR THIS PROJECT, SEE PLANS OF PROJECTS UI 265(2) UI 265(3) UI 265(6) & UI 265(7)

END I-PROJ. 80-1(35)200
STA. 158+83.6"

LEGEND
⊙ CONSTRUCTION IDENTIFICATION SIGNS

APPROVED 5-10-63
[Signature]
CHIEF ENGINEER - INDIANA STATE HIGHWAY COMMISSION

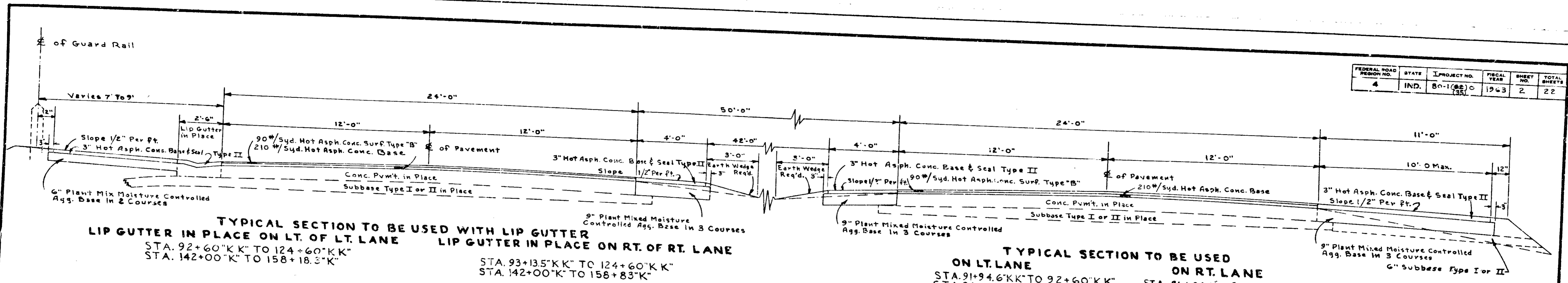
RECOMMENDED FOR APPROVAL 5-10-63
[Signature]
DIVISION ENGINEER - INDIANA STATE HIGHWAY COMMISSION

BUREAU OF PUBLIC ROADS
DEPARTMENT OF COMMERCE
APPROVED
DIVISION ENGINEER DATE
ROAD FILE: I-80-1

FEDERAL ROAD DISTRICT NO.	STATE	I PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	80-1(35)200	1963	1	22

DESIGN DATA		
A.D.T. (1963)	38,250	V.P.D.
A.D.T. (1963) PROJECTED	40,000	V.P.D.
D.H.V.	3800	V.P.D.
DIRECTIONAL DISTRIBUTION	58.5%	
TRUCKS	24.6%	
DESIGN SPEED	50 M.P.H.	
ACCESS CONTROL	FULL	

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	80-1(82) (35)	1963	2	22

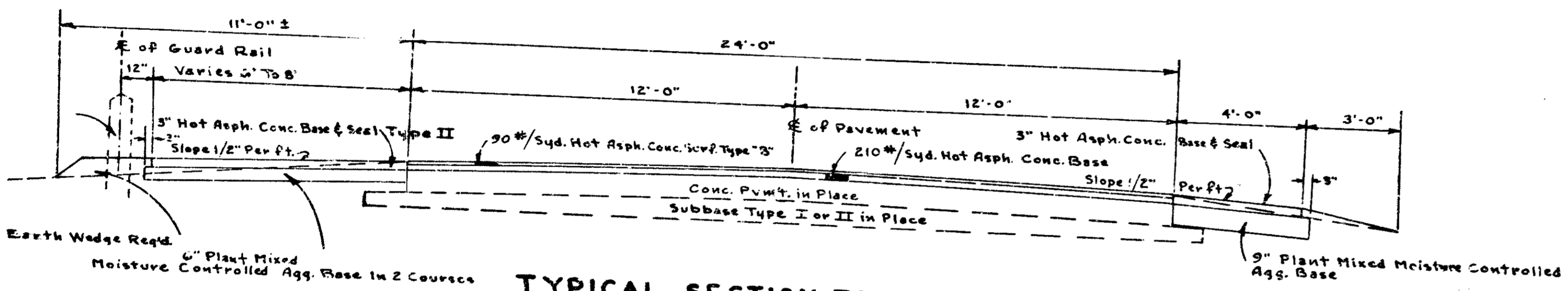


TYPICAL SECTION TO BE USED WITH LIP GUTTER
LIP GUTTER IN PLACE ON LT. OF LT. LANE
 STA. 92+60"K" TO 124+60"K"
 STA. 142+00"K" TO 158+18.3"K"

LIP GUTTER IN PLACE ON RT. OF RT. LANE
 STA. 93+13.5"K" TO 124+60"K"
 STA. 142+00"K" TO 158+83"K"

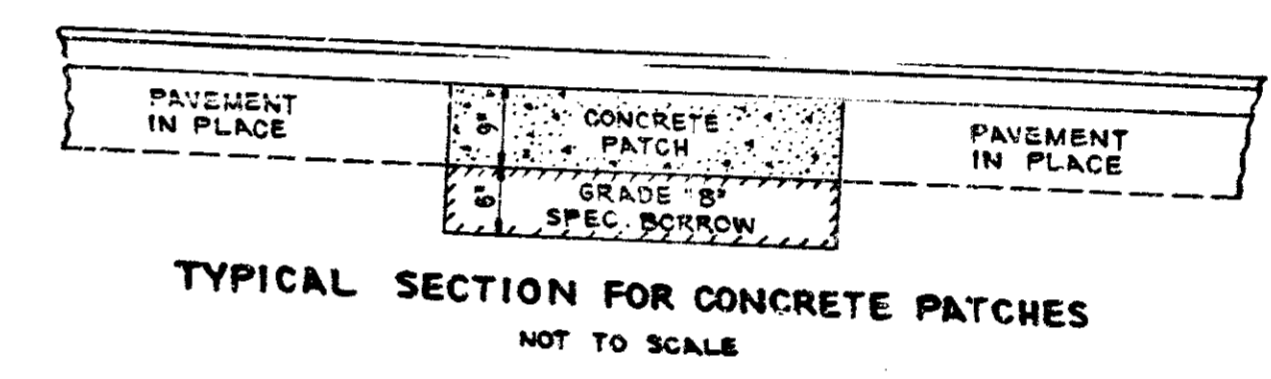
TYPICAL SECTION TO BE USED ON LT. LANE
 STA. 91+94.6"K" TO 92+60"K"
 STA. 96+50"K" TO 142+00"K"
 STA. 158+40"K" TO 158+83"K"

TYPICAL SECTION TO BE USED ON RT. LANE
 STA. 91+94.6"K" TO 93+13.5"K"
 STA. 124+60"K" TO 128+21.5"K"
 STA. 102+04.8"K" TO 142+00"K"

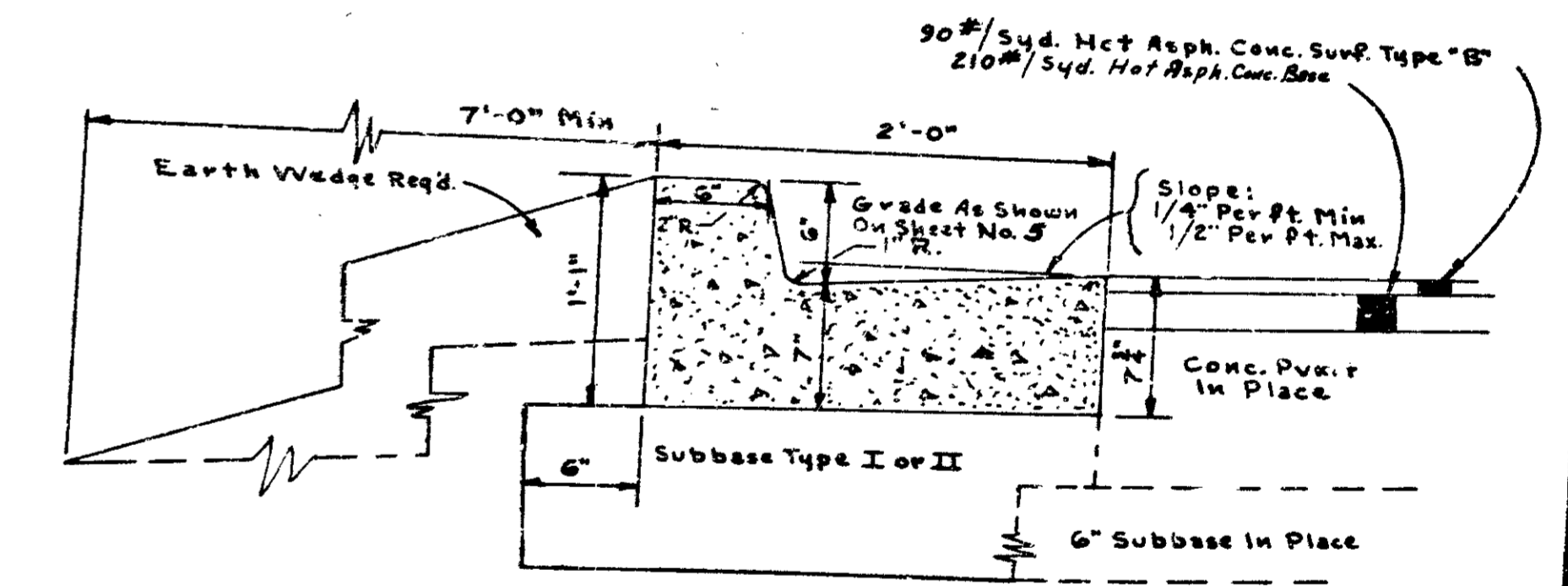


TYPICAL SECTION TO BE USED WITH GUARD RAIL ONLY
GUARD RAIL IN PLACE ON LT. LANE
 STA. 158+18.3"K" TO 158+40"K"

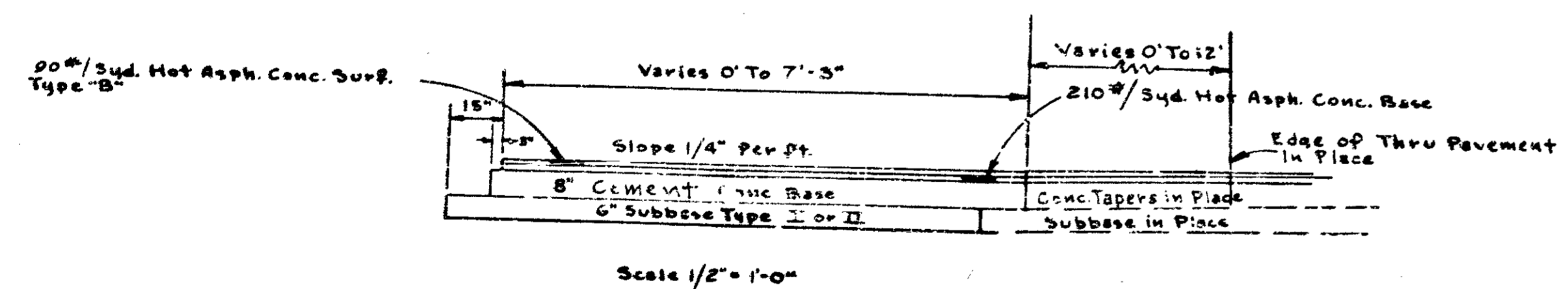
GUARD RAIL IN PLACE ON RT. LANE



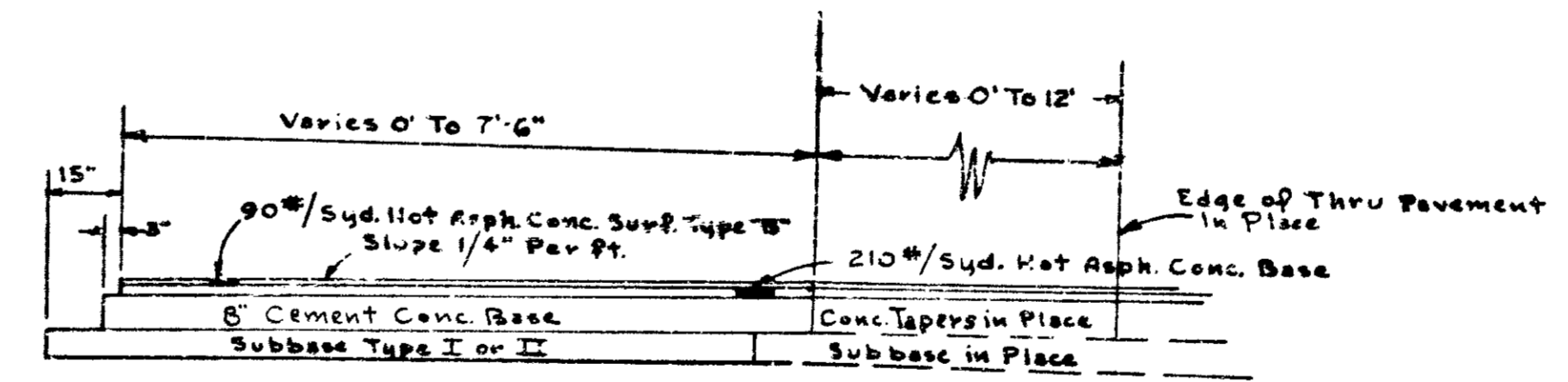
TYPICAL SECTION FOR CONCRETE PATCHES
 NOT TO SCALE



SPECIAL COMBINED CURB & GUTTER
 STA. 83+85"K" TO 89+70"K" LT.
 STA. 135+36"K" TO 89+50"K" RT.



TYPICAL SECTION FOR RECOVERY LANES
 STA. 131+22 TO 134+82"K" ON LT.
 STA. 90+28 TO 93+82"K" ON RT.
 (See Plan On Sheet No. 4)



TYPICAL SECTION FOR ACCELERATING LANES
 STA. 123+69 TO 129+69"K" ON LT.
 STA. 94+54.8 TO 102+04.8"K" ON RT.
 (See Plan On Sheet No. 4)

Note: U-Turn Median Opening Req'd. At
 STA. 93+50"K"
 STA. 140+50"K"
 (See Misc. Sheet No. E1)

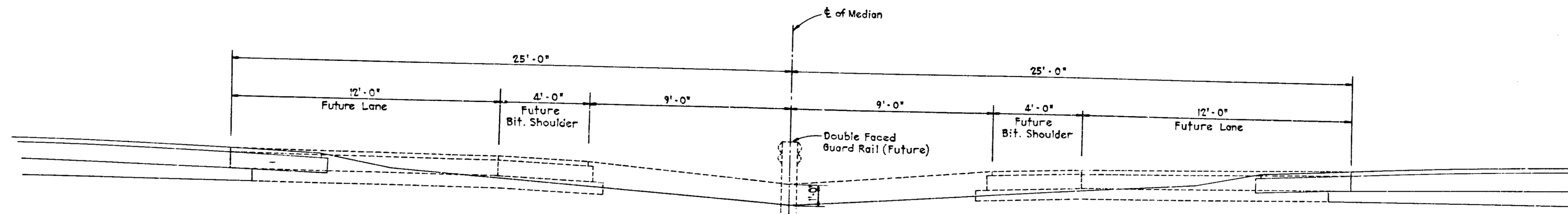
TYPICAL CROSS SECTIONS

SCALE: 3/8" = 1'-0" (Except As Shown)

APPROVED: *[Signature]*
 RECOMMENDED FOR APPROVAL: *[Signature]*
 November 6, 1961

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	I-80-1-1020	1963	2-A	22



**TYPICAL CROSS SECTION
FOR FUTURE CONSTRUCTION**
Scale: - 3/8" = 1'-0"

TYPICAL CROSS SECTIONS

SCALE-

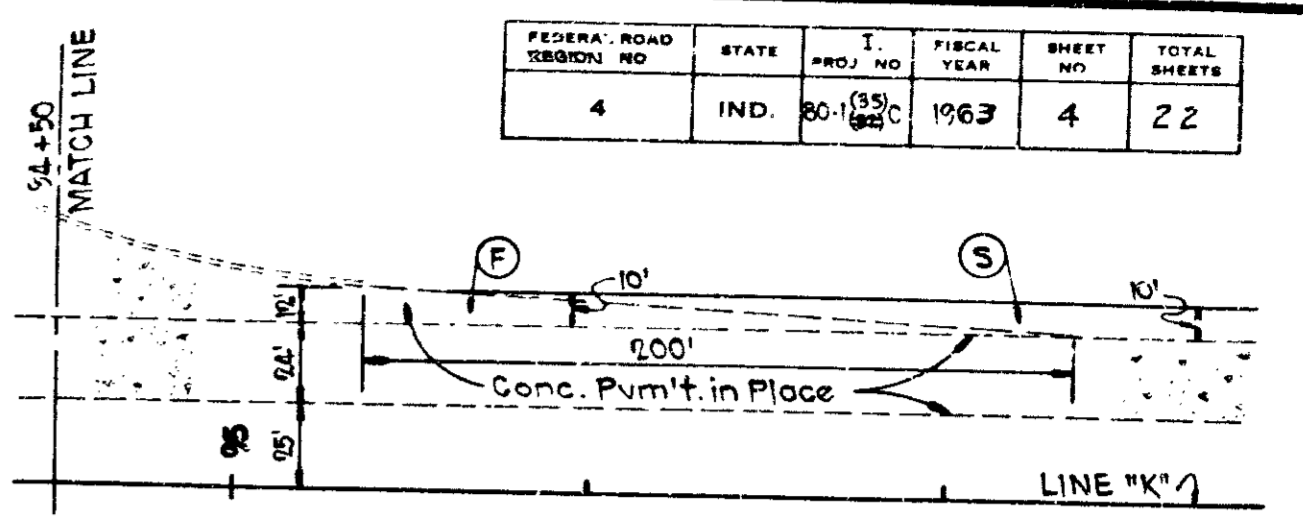
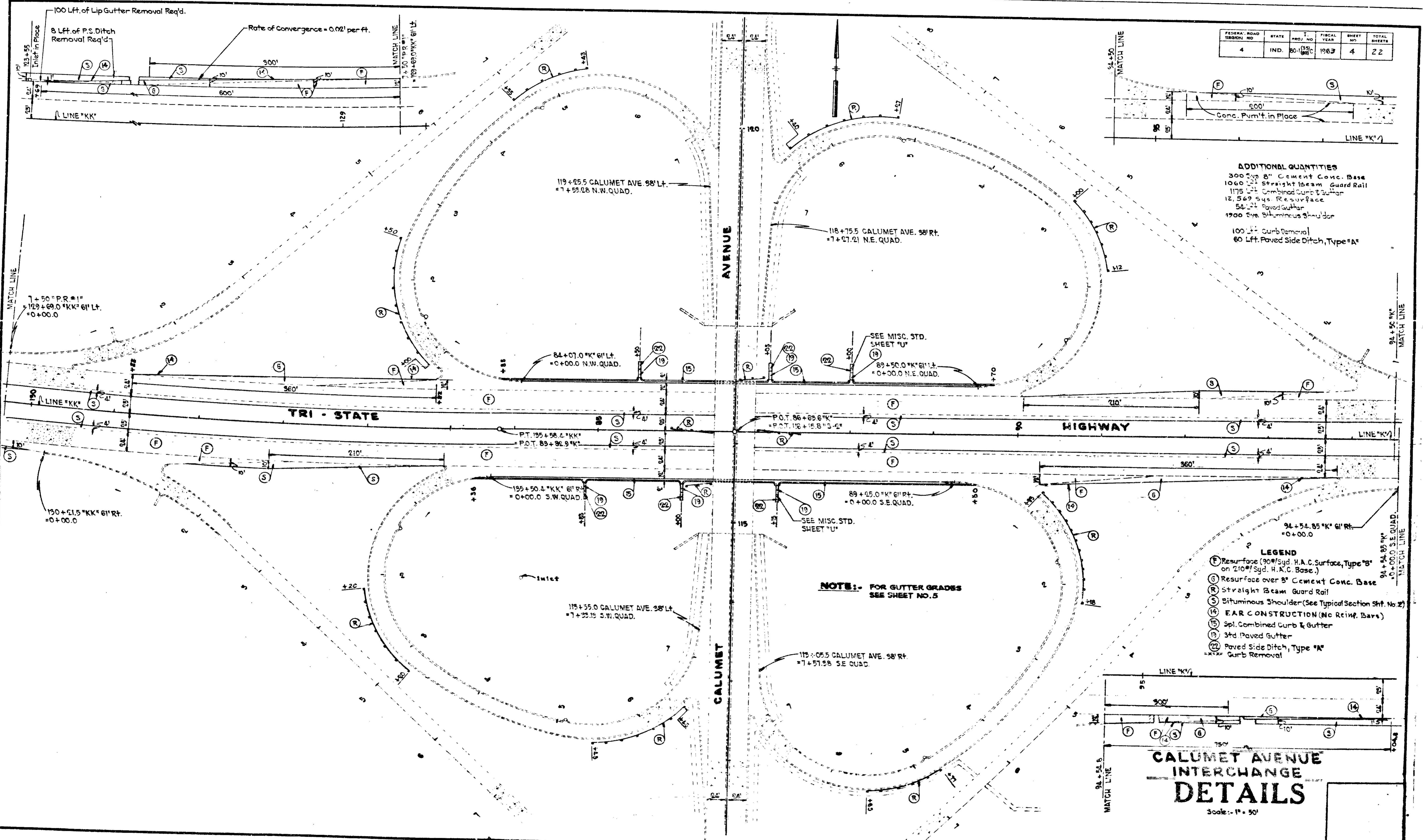
RECOMMENDED FOR APPROVAL 6-10-63

W.A. Perkins
DESIGNER OF ROAD DESIGN - INDIANA STATE HIGHWAY COMMISSION

November 6, 1961

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE

FEDERAL ROAD DISTRICT NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	80-1330	1963	4	22



- ADDITIONAL QUANTITIES**
- 300 Sys 8" Cement Conc. Base
 - 1060 L² Straight I-beam Guard Rail
 - 1175 L² Combined Curb & Gutter
 - 12,549 Sys Resurface
 - 54 L² Paved Gutter
 - 1900 Sys Bituminous Shoulder
 - 100 L² Curb Removal
 - 60 L² Paved Side Ditch, Type "A"

- LEGEND**
- (F) Resurface (90#/Syd. H.A.C. Surface, Type "B" on 210#/Syd. H.A.C. Base.)
 - (G) Resurface over 8" Cement Conc. Base
 - (R) Straight Beam Guard Rail
 - (S) Bituminous Shoulder (See Typical Section Shf. No. 2)
 - (14) EAR CONSTRUCTION (No Reinf. Bars)
 - (15) Spl. Combined Curb & Gutter
 - (16) 3rd Paved Gutter
 - (22) Paved Side Ditch, Type "A"
 - (-X-X-) Curb Removal

NOTE: FOR GUTTER GRADES SEE SHEET NO. 5

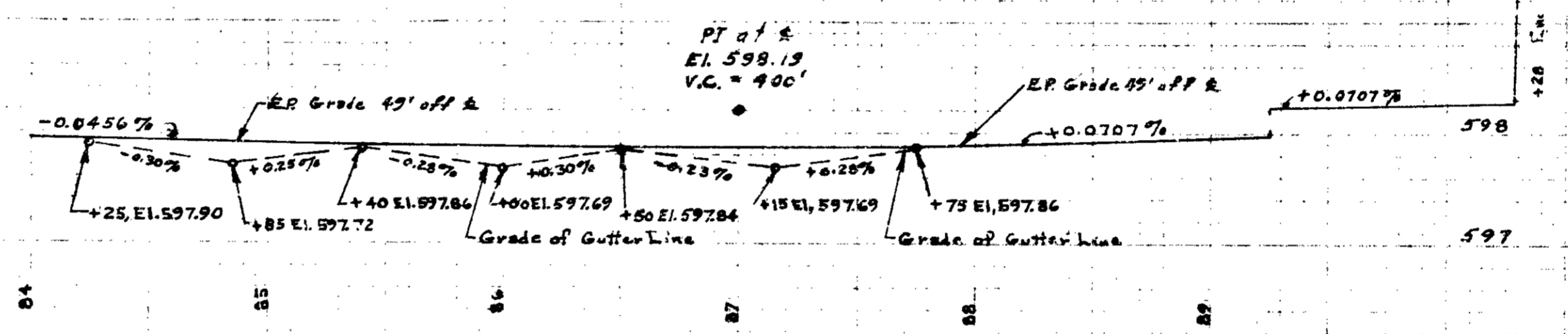
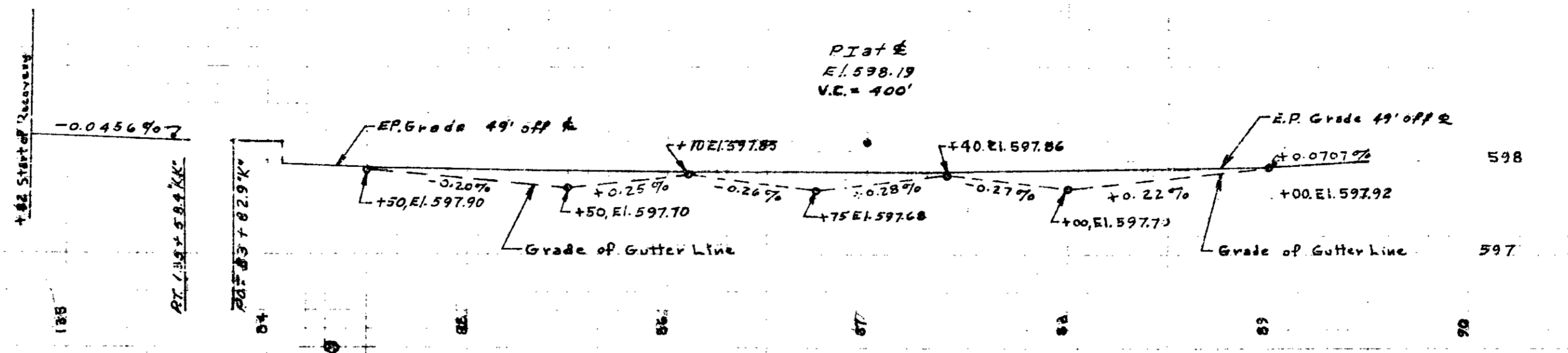
CALUMET AVENUE INTERCHANGE DETAILS

Scale: 1" = 50'

DATE 5-11-63

CROSS SECTIONS

FEDERAL ROAD DISTRICT NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	80-1000	1963	5	22



Gutter Grades
At Calumet Ave.

41113

STRUCTURE DATA

FEDERAL ROAD DIVISION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	80-1000	1963	6	22

STRUCTURE NUMBER	LOCATION	DESCRIPTION		LENGTH "L"	HEIGHT "H"	WINGS "W"	FLOW LINE		CONCRETE CLASS "C"	SPECIAL BORROW GRADE "B"	REINFORCING STEEL	REMARKS	PLANS ON SHEET NO.
		SIZE	SKEW				UP STREAM ELEV.	DOWN STREAM ELEV.					
PAVED TURN-OUTS													
WEST BOUND													
92+60	K	12"	Std Inlet Type D-6						0.29			Remove 15 Lft. of Paved Side Ditch in Place & 2-22" Bends	
124+60	K	12"	BCCM PIPE w/ Pavd. Invert	24								Remove 15 Lft. of Paved Side Ditch in Place & 2-22" Bends	
144+94	K	12"	Std. Inlet Type D-6						0.29			Remove 15 Lft. of Paved Side Ditch in Place & 2-22" Bends	
			BCCM PIPE w/ Pavd. Invert	26								Remove 15 Lft. of Paved Side Ditch in Place	
			Inlet in Place										
EAST BOUND													
93+13	K	12"	Std Inlet Type D-6						0.29			Remove 15 Lft. of Paved Side Ditch in Place & 2-22" Bends	
124+60	K	12"	BCCM PIPE w/ Pavd. Invert	32								Remove 15 Lft. of Paved Side Ditch in Place & 2-22" Bends	
144+94	K	12"	Std. Inlet Type D-6						0.29			Remove 15 Lft. of Paved Side Ditch in Place & 2-22" Bends	
			BCCM PIPE w/ Pavd. Invert	26								Remove 15 Lft. of Paved Side Ditch in Place	
			Inlet in Place										

STRUCTURE NUMBER	LOCATION	DESCRIPTION		LENGTH "L"	HEIGHT "H"	WINGS "W"	FLOW LINE		CONCRETE CLASS "C"	SPECIAL BORROW GRADE "B"	REINFORCING STEEL	REMARKS	
		SIZE	SKEW				UP STREAM ELEV.	DOWN STREAM ELEV.					
DAMAGED GUARD RAIL TO BE REPLACED													
LEFT LANE (W. BOUND) RIGHT LANE (E. BOUND)													
				LOCATION	LFT.					LOCATION	LFT.		
				95+95 TO 99+81 "K"	25					95+90 TO 100+77 "K"	215		
				101+60 TO 106+98 "K"	87.5					101+29 TO 107+79 "K"	62.5		
				112+64 TO 117+36 "K"	47.7					113+05 TO 117+72 "K"	62.5		
				115+88 TO 124+11 "K"	25					119+11 TO 124+00 "K"	75		
				144+99 TO 149+61 "K"	25					144+95 TO 149+61 "K"	40		
				150+92 TO 158+47 "K"	140					150+94 TO 159+50 "K"	87.5		
REMOVED GUARD RAIL TO BE SALVAGED													
MEDIAN GUARD RAIL REMOVAL REQ'D.													
EAST BOUND LANE													
				STATION						SALVAGE	LFT.		
				100+08 "K"						"	62.5		
				107+43 "K"						"	62.5		
				117+64 "K"						"	37.5		
				149+61 "K"						"	62.5		
				159+11 "K"						"	62.5		
WEST BOUND LANE													
				STATION						SALVAGE	LFT.		
				102+35 "K"						"	62.5		
				113+31 "K"						"	50		
				118+87 "K"						"	62.5		
				150+92 "K"						"	25		
MEDIAN STRAIGHT BEAM GUARD RAIL REQ'D													
				STATION		STR. BEAM G.R.		DOUBLE FACED STR. G.R.					
				WEST & EAST ENDS	LFT.	TOTAL	LFT.	TOTAL					
				93+94 TO 101+88 "K"	127.5	255	77.5	155					
				107+23 TO 113+00 "K"	127.5	255	77.5	155					
				117+49 TO 118+98 "K"	127.5	255	77.5	155					
				AT CALUMET AVE.	85	170							
				149+52 TO 151+02 "K"	127.5	255	77.5	155					
				AT COLUMBIA AVE.	85	170							
				WEST END ONLY-158+63 TO 162+33 "K"	127.5	127.5	77.5	77.5					

