F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB2	WILL	76	24
FEDERAL ROAD DISTRICT NO. 7	ILLINOIS	PROJ.	HSIP-053-6(22)	

VERTICAL CURVE DATA

+3.692%

V.R.I. Sta. 501+00
El.: 591.15

L.V.C.=1800'

-3.692%

PROPOSED CROWN OF ROADWAY, TWP. RD. #1083

CONSTRUCTION EMBANKMENT (SCREW ELEVATION) 9,955 CU.YDS.

El. 542.94

6:1 SLOPE ALONG ℄

GROUND LINE

El. 534.15

10 BP 42 STL PILES EST. LENGTH 86 L.F.

10BP42 STEEL PILES EST. LENGTH 88 L.F. ONE TEST PILE.

CREOSOTED TIMBER PILES FOR METHOD II APPROACH EST. LENGTH 27 LIN. FT. (SEE SHT NO 25)

EAST ABUT.

4" CONC. SLOPE WALL

PIPE CULVERT

CONC. GUTTER

El. 538.78

Pier #1

TAPERED SHOULDER

El. 536.67

Pier #2

CONC. GUTTER

El. 538.36

PIPE CULVERT

El. 538.33

4" CONC. SLOPE WALL

PROPOSED CROWN OF ROADWAY, TWP. RD. #1083

El. 542.46

CONSTRUCTION EMBANKMENT (SCREW ELEVATION) 11,468 CU.YDS.

6:1 SLOPE ALONG ℄

GROUND LINE

CREOSOTED TIM. PILES FOR METHOD II APPROACH EST. LENGTH = 26 LIN. FT. (SEE SHEET # 25)

10BP42 STEEL PILES EST. LENGTH 21 L.F.

WEST ABUT.

10BP42 STEEL PILES EST. LENGTH 25 L.F.

ELEVATION

SCALE: 1"=10'

570
560
550
540

PROFILE OF U.S. 66 UNDER PROPOSED STRUCTURE

546
545
544

346.05 346.02 344.42 344.42 344.42 344.48

1279 1280 1281 1282 1283 1284

STA. 1285+00

℄ North Bound Lane

SCREW PANELS 23°-38'

TAPER PANEL RT.

24'-0

20'-0

20'-0

℄ South Bound Lane

EXISTING HDWL. & CULV. TO BE REMOVED

APPROX. TOE OF EMBANKMENT EL: 542.0

EXISTING HDWL. & CULV. TO BE REMOVED

APPROX. TOE OF EMBANKMENT EL: 538.0

6:1 SLOPE

2:1 SLOPE

PIPE CULVERT

238'-9" ℄ OF ABUTMENTS

10'-0" MIN.

℄ EXISTING ROADWAY

℄ PROPOSED ROADWAY

Sta. 1287+34 El. 564.30

Sta. 1288+79.85 El. 564.21

Sta. 1291+12.98 El. 564.40

Sta. 1293+00 El. 564.58

Sta. 1294+62.08 El. 564.48

Sta. 1296+10.08 El. 564.89

Sta. 1297+87.89 El. 564.30

19'-00

19'-00

51'-00

52'-00

TOWNSHIP ROAD #1083

SHOULDER LINE (TYPICAL)

SLOPE WALL

SLOPE WALL

6:1 SLOPE

2:1 SLOPE

2:1 SLOPE

APPROX. TOE OF EMBANKMENT EL: 539.0

APPROX. TOE OF EMBANKMENT EL: 538.5

℄ EXISTING EAST ABUTMENT

℄ EXISTING WEST ABUTMENT

PIPE CULVERT

FLOW

℄ EXISTING PIER #1

Sta. 1291+50.2

℄ EXISTING PIER #2

Sta. 1293+00

℄ EXISTING PIER #3

Sta. 1294+62.08

℄ EXISTING WEST ABUTMENT

CONC. GUTTER

EXISTING HDWL. & CULV. TO BE REMOVED

CONC. GUTTER

PIPE CULVERT

EXISTING HDWL. & CULV. TO BE REMOVED

B.M. #61 - SPIKE IN W. ROOT OF TWIN ELM 116' LEFT Sta. 1286+90 (TWN.) El. 539.70

PLAN

SCALE: 1"=20'.

Sta. 1285+92.5 ℄ EXISTING U.S. 66 ℄ EXISTING T.R. 1083

Sta. 1290+00 ℄ PROPOSED T.R. 1083

LOCATION PLAN

SCALE 1" = 1 MILE

TRIPP

ROUTE 66

OLD PLAINFIELD RIVER

CHANNAHON

℄ RR

10'-0" 11'-0" 11'-0" 10'-0"

2'-6" 3'-0"

℄ CROWN EL 11'-0"

SLOPE ½"/FT.

SLOPE ½"/FT.

MAX. SLOPE 3:1, 10'-0" OR UNDER
MIN. SLOPE 2:1, OVER 10'-0"

MAX. SLOPE 3:1, 10'-0" OR UNDER
MAX. SLOPE 2:1, OVER 10'-0"

12"

12"

GRAVEL OR CRUSHED STONE SHOULDERS TYPE B AS PER STD. 2067 R

PCC PAVEMENT 10" UNIFORM

4" SUB BASE, GRANULAR MATERIAL TYPE A

GRAVEL OR CRUSHED STONE SHOULDER TYPE B AS PER STD. 2067 R

℄ T.R. 1083

TYPICAL SECTION OF TWP. ROAD 1083

SCALE = 1"=10'-0"

NOTES:
DESIGN LOADING H20-S16-44
ROADWAY CLASSIFICATION C
HIGHWAY CLASSIFICATION M60(1977)

Revised by Consultant - 6-18-59 - Counterfort type Abuts. changed to Pile Bt.

CONSOER, TOWNSEND & ASSOCIATES
CONSULTING ENGINEERS CHICAGO, ILLINOIS

ILLINOIS DIVISION OF HIGHWAYS
TWP. ROAD 1083 OVER F.A.I.-55
U.S. 66 SECTION 99-2HB2
WILL COUNTY

GENERAL PLAN & ELEVATION

MAP. REVIS.	DRAWN	TRACED	CHECKED	REVISED	DATE	R. PRINT
	G.L.G.		F.E.D.	H.S.M.	11-20-59 6/18/59	

McDonough Associates Inc.
Engineers / Architects
130 East Randolph Street Chicago, Illinois 60601

FILE NAME =	USER NAME = TKluegel	DESIGNED - JTF	REVISED -
D160F12-SHT-REM-099-0182.dgn		DRAWN - JTF	REVISED -
	PLOT SCALE = 1:50	CHECKED - DLT	REVISED -
	PLOT DATE = 2/3/2011	DATE - 2/4/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE REMOVAL PLAN
(FOR INFORMATION ONLY)

SCALE: 1"=50' | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	58
		CONTRACT NO. 60F12		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		