

WATER AND POWER
DEVELOPMENT AUTHORITY (WAPDA)



MUTAHIDA KOHISTAN GRAND JIRGA SCHEMES

**CONSTRUCTION OF DUBAIR ROAD
(PACKAGE-1)**

TENDER DRAWINGS

JULY, 2026



NATIONAL ENGINEERING SERVICES PAKISTAN (PVT) LIMITED

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MUTAHIDA KOHISTAN GRAND JIRGA SCHEMES
CONSTRUCTION OF DUBAIR ROAD PACKAGE-1 RD 0+00 to 2+021 KM

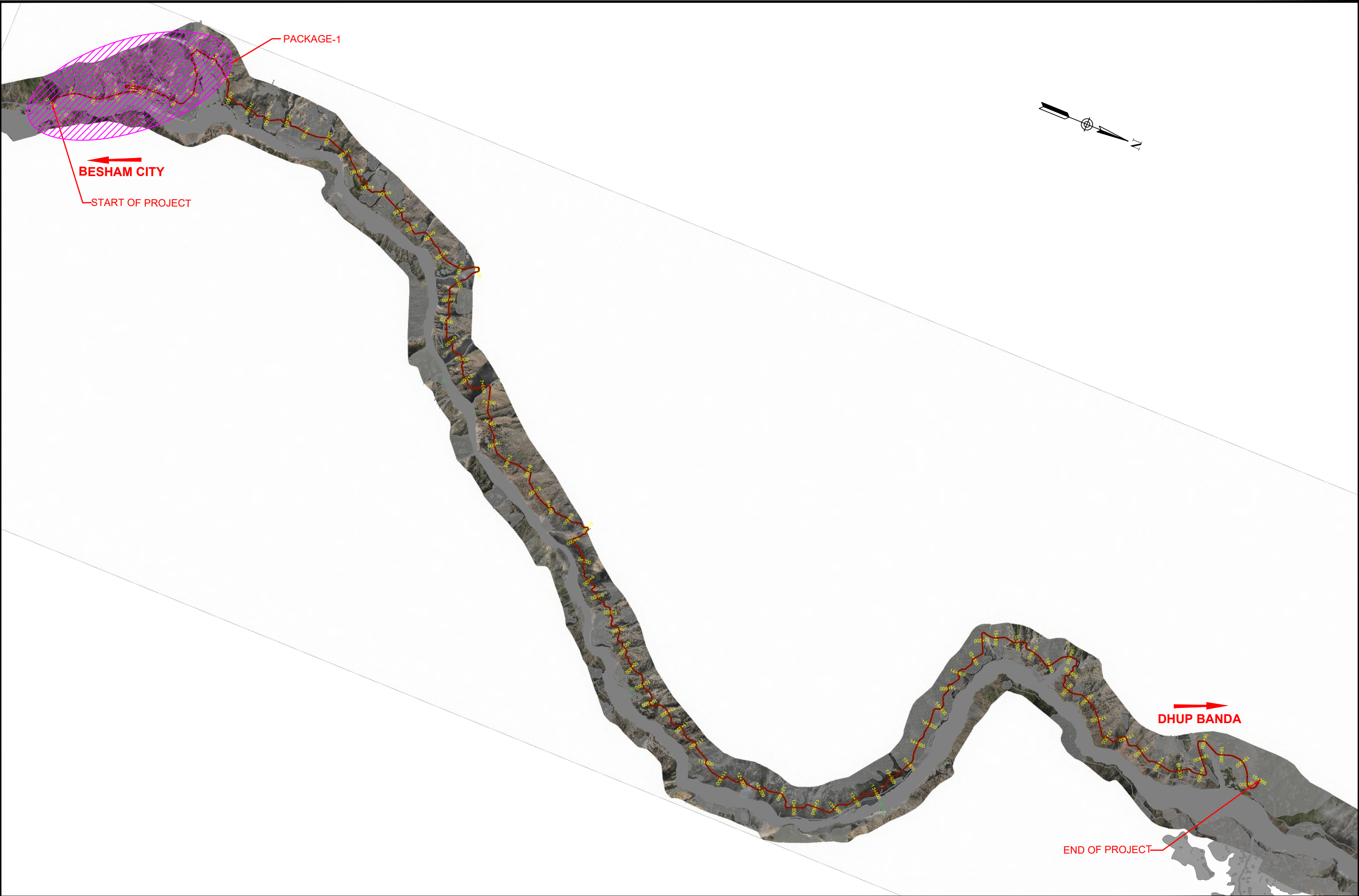
LIST OF DRAWINGS

SR. NO.	DRAWING NO.	TITLE
	GENERAL DRAWINGS	
01	4520/102/C/1A001	Dubair Road Layout Plan
02	4520/102/C/1A002	Project Location Map
03	4520/102/C/1A002A	Location Plan Distance From Major Cities
04	4520/102/C/1A003	List of Structures
05	4520/102/C/XS001	Typical Cross Section Road Works
06	4520/102/C/XS002	Typical Cross Section Road Works
07	4520/102/C/XS003	Typical Cross Section Road Works
08	4520/102/C/XS004	Typical Cross Section Road Works
09	4520/102/C/XS005	Typical Cross Section Road Works
10	4520/102/C/XS006	Typical Cross Section Road Works
11	4520/102/C/XS007	Typical Cross Section Road Works
12	4520/102/C/XS008	Typical Cross Section Slope Protection Works
13	4520/102/C/XS009	Typical Cross Section Slope Protection Works
14	4520/102/C/XS010	Typical Cross Section Slope Protection Works
15	4520/102/C/XS011	Typical Cross Section Slope Protection Works
16	4520/102/C/XS012	Typical Cross Section Slope Protection Works
17	4520/102/C/XS013	Typical Cross Section Slope Protection Works
18	4520/102/C/XS014	Typical Cross Section Slope Protection Works
19	4520/102/C/1C001	Dubair Road Plan From KM. 0+000 to KM. 0+700
20	4520/102/C/1C001A	Dubair Road Profile From KM. 0+000 to KM. 0+700
21	4520/102/C/1C002	Dubair Road Plan From KM. 0+700 to KM. 1+400
22	4520/102/C/1C002A	Dubair Road Profile From KM. 0+700 to KM. 1+400
23	4520/102/C/1C003	Dubair Road Plan From KM.1+400 to KM. 2+100
24	4520/102/C/1C003A	Dubair Road Profile From KM.1+400 to KM. 2+100

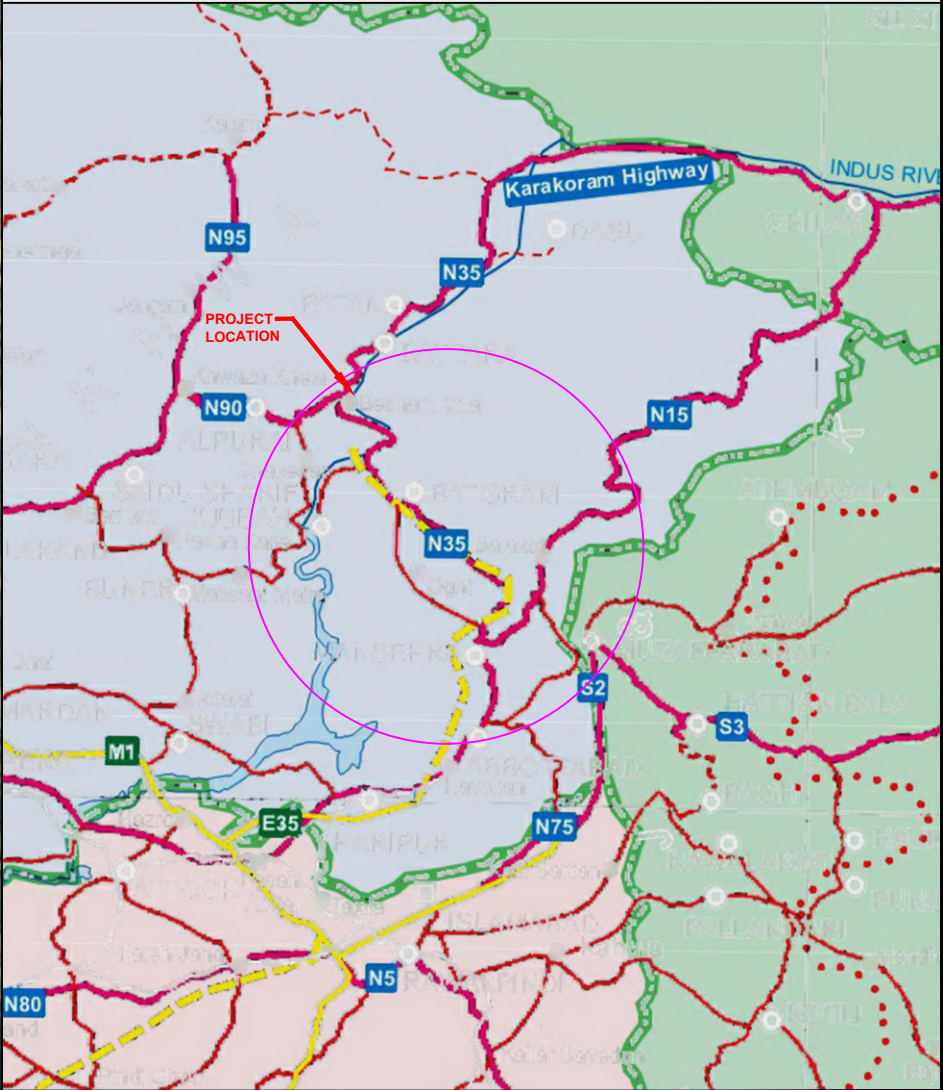
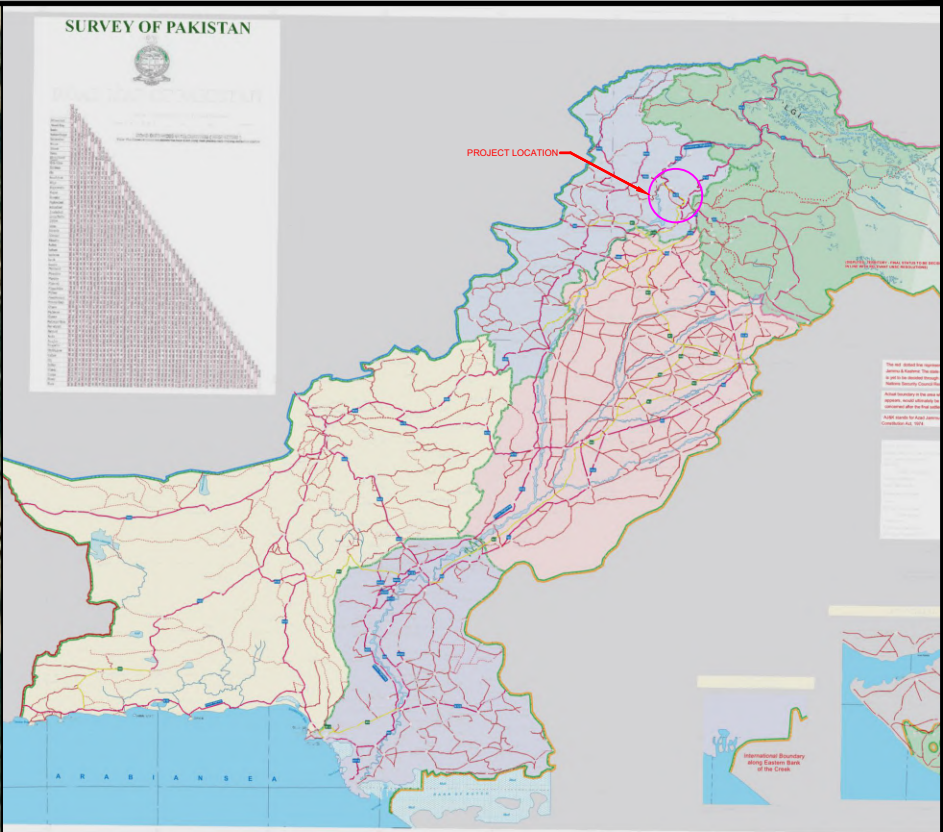
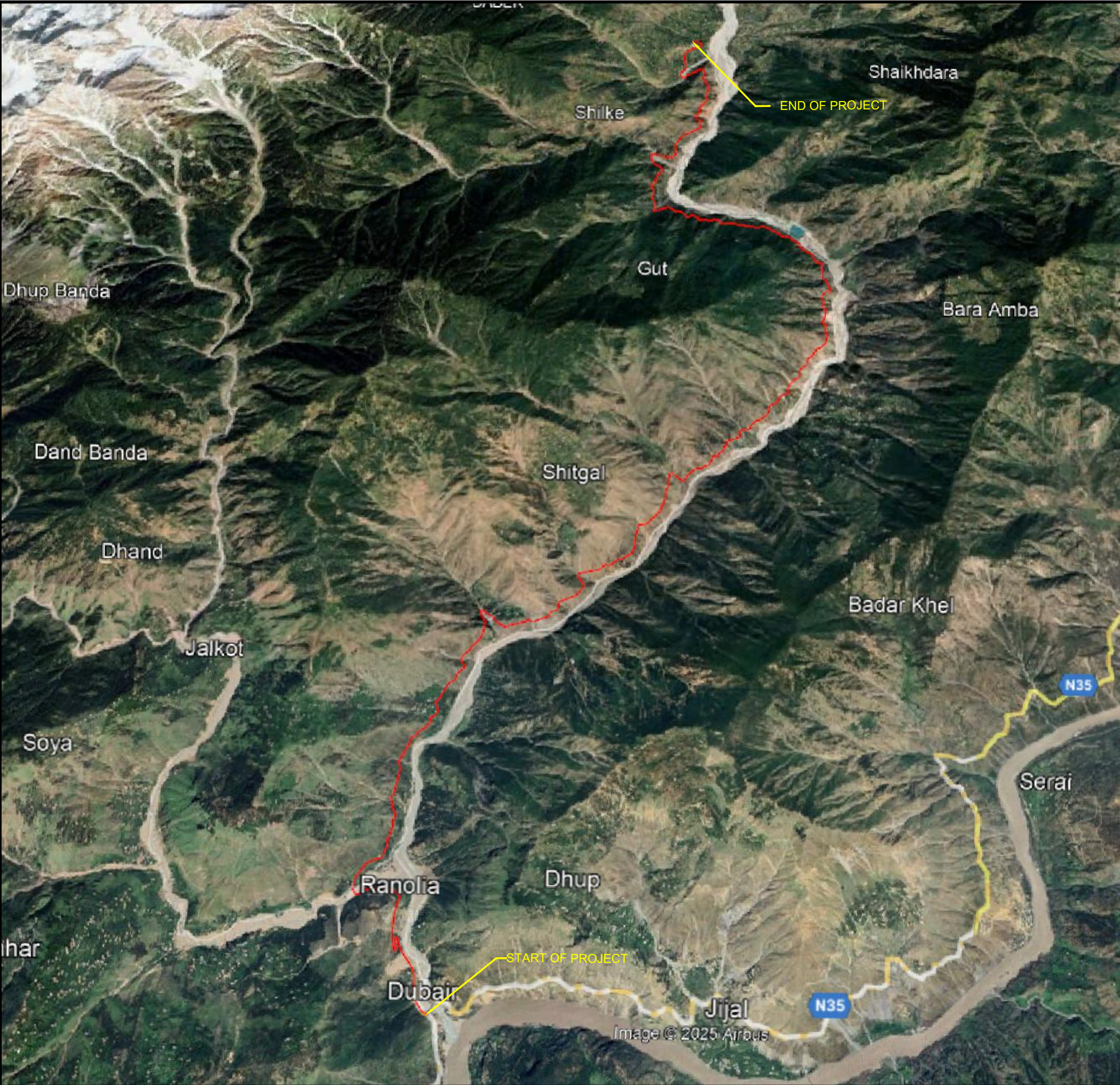
LIST OF DRAWINGS

SR. NO.	DRAWING NO.	TITLE
	GENERAL DRAWINGS	
25	4520/102/C/MS001	Typical Stone Masonary Retaining Wall Details
26	4520/102/TD/PG001	GENERAL NOTES
27	4520/102/TD/PG101	General Arrangement Plan, Elevation and Sections Bridge At CH 1+990km
28	4520/102/TD/PG102	15.0 m R.C.C Grider Conc.Outline & Reinforcement Details Bridge At CH 1+990km
29	4520/102/TD/PG103	15.0 m R.C.C Grider Conc.Outline & Prestressing Details Bridge At CH 1+990km
30	4520/102/TD/PG103	30.0m R.C.C Grider Conc.Outline & Prestressing Details Bridge At CH 1+990km
31	4520/102/TD/PG104	30.0 m R.C.C Grider Conc.Outline & Reinforcement Details Bridge At CH 1+990km
32	4520/102/TD/PG105	Deck Slab for 15.1 m & 30.1m Span Reinforcement Bridge at CH. 1+990Km
33	4520/102/TD/PG106	Diaphragm Reinforcement Details for 15.0 m Span Grider Bridge at CH. 1+990Km
34	4520/102/TD/PG106A	Diaphragm Reinforcement Details for 30.0 m Span Grider Bridge at CH. 1+990Km
35	4520/102/TD/PG107	Abutment AB-1,AB-2, Pier P-1 to P-2 Concrete Outline Bridge At CH. 1+990Km
36	4520/102/TD/PG108	Abutment Seat, Brick Wall AB-1,AB-2, Pier (P-1 to P-2)Reinforcement Details Bridge At CH. 1+990Km
37	4520/102/TD/PG109	Pier (P-1 to P-2) and Pile Cap Reinforcement Details Bridge At CH. 1+990Km
38	4520/102/TD/PG1011	Approach Slab, Bearing PAD, Shear Block and Expansion Joint Details Bridge At CH. 1+990Km
39	4520/102/TD/P1G101	Bridge General Arragement Plan
40	4520/102/TD/P1G101A	Bridge General Arragement Sections
41	4520/102/TD/P1G102	Bridge Precast R.C.C Plank Reinforcement
42	4520/102/TD/P1G104	Bridge Deck Slab, Edge Barrier Reinforcement Detail
43	4520/102/TD/P1SM101	Typical Single Cells Stone Masonry Culvert Concrete Outline And Reinforcement
44	4520/102/TD/P1G102	Typical-2 Cells Stone Masonry Culvert Concrete Outline And Reinforcement
45	4520/102/TD/P1G103	Typical-3 Cells Stone Masonry Culvert Concrete Outline And Reinforcement

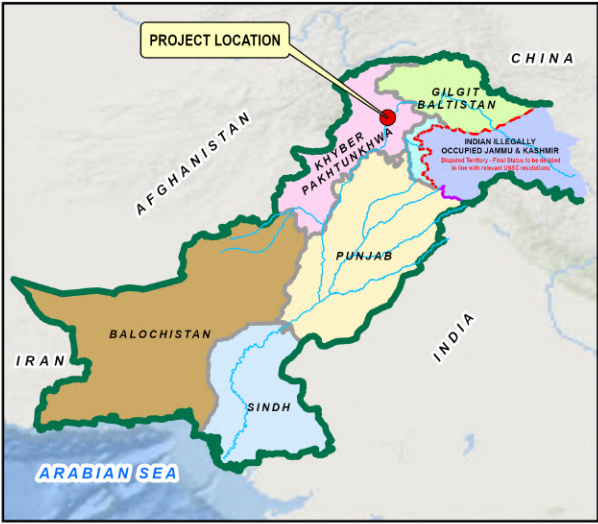
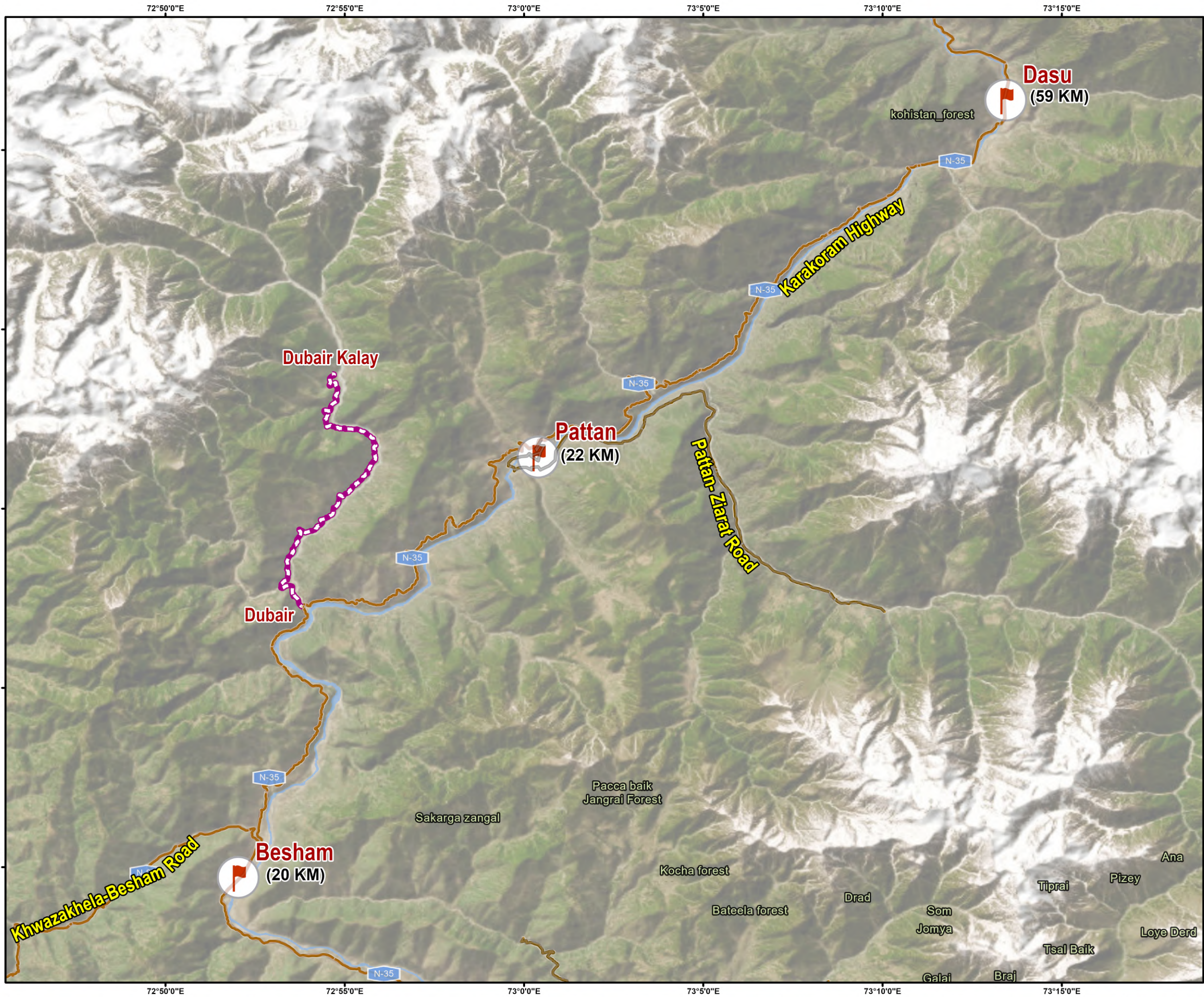
PLANS



CLIENT	WATER AND POWER DEVELOPMENT AUTHORITY (WAPDA)	CONSULTANT	04				DRAWN	Faisal	PROJECT DETAILED DESIGN AND CONSTRUCTION SUPERVISION / IMPLEMENTATIONS OF LOCAL AREA DEVELOPMENT PROGRAM (LADP) PUBLIC HEALTH, LIVELIHOOD DEVELOPMENT AND DOWNSTREAM FISHERIES PLANS; NAMELY LADP IMPLEMENTATION CONSULTANTS (LADP-ICS)	DUBAIR ROAD LAYOUT PLAN		SCALE
		 NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.	03				SUBMITTED					
			02				RECOMMENDED					
			01				CHD./VER.					
			HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.				REV.	DATE		DESCRIPTION	APPROVED	APPROVED
									JUNE, 2026	4520/102/C/1A001	0	



CLIENT WATER AND POWER DEVELOPMENT AUTHORITY (WAPDA)	CONSULTANT NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD. HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.	04				DRAWN	Faisal	PROJECT DETAILED DESIGN AND CONSTRUCTION SUPERVISION / IMPLEMENTATIONS OF LOCAL AREA DEVELOPMENT PROGRAM (LADP) PUBLIC HEALTH, LIVELIHOOD DEVELOPMENT AND DOWNSTREAM FISHERIES PLANS; NAMESLY LADP IMPLEMENTATION CONSULTANTS (LADP-ICS)	PROJECT LOCATION MAP DATEJUNE, 2026DRAWING No.4520/102/C/1A002	SCALE
		03				SUBMITTED				
		02				RECOMMENDED				
		01				CHD./VER.				
		REV.	DATE	DESCRIPTION	APPROVED	APPROVED				



LEGEND

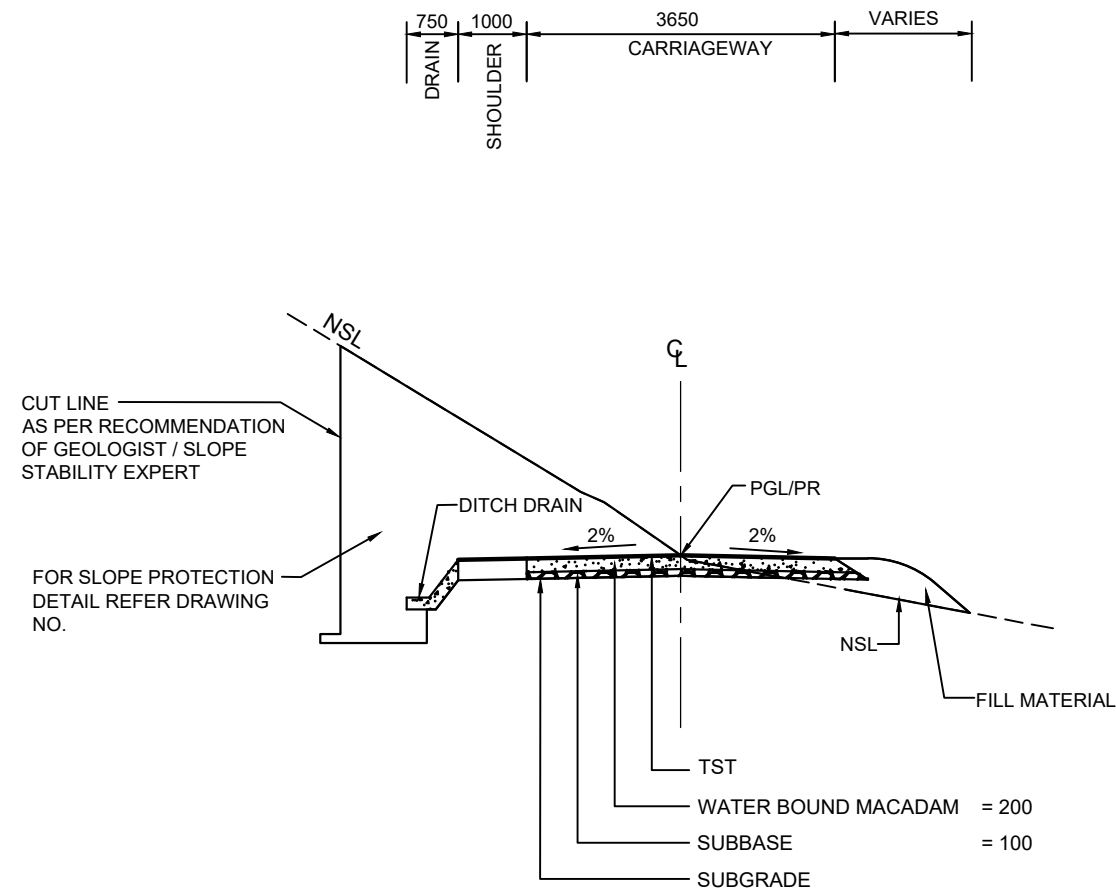
- Major Cities
- Project Area
- Main Roads
- River

	WATER AND POWER DEVELOPMENT AUTHORITY (WAPDA)	The Client	DETAILED DESIGN AND CONSTRUCTION SUPERVISION / IMPLEMENTATIONS OF LOCAL AREA DEVELOPMENT PROGRAM (LADP) PUBLIC HEALTH, LIVELIHOOD DEVELOPMENT AND DOWNSTREAM FISHERIES PLANS; NAMELY LADP IMPLEMENTATION CONSULTANTS (LADP-ICS)		Project Title	 1:200,000 Kilometers 						DRAWN	M.A.S.	LOCATION PLAN WITH DISTANCE FROM MAJOR CITIES				
			NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LIMITED 1-C, Block-N, Model Town Extension, Lahore 54700, Pakistan		The Consultant		REV.	DATE	DESCRIPTION	APPROVED	APROVED			DECEMBER, 2025	4520/102/TD/1A002A			
														Date	Drawing No.			

DUBAIR ROAD P-1			
SLAB CULVERTS			
Sr.No.	CHAINAGE	SIZE (m)	SKEW
1	0+170	12	0
2	2+000	12	0
CAUSEWAY			
Sr.No.	CHAINAGE	SIZE (m)	SKEW
1	1+120	5	0
PLANK BRIDGE			
Sr.No.	CHAINAGE	SIZE (m)	SKEW
1	0+770	1x15	0
BRIDGE			
Sr.No.	CHAINAGE	SIZE (m)	SKEW
1	1+990	15+30+15	0

CLIENT  WATER AND POWER DEVELOPMENT AUTHORITY (WAPDA)	CONSULTANT  NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD. HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.		04				DRAWN	Faisal	PROJECT DETAILED DESIGN AND CONSTRUCTION SUPERVISION / IMPLEMENTATIONS OF LOCAL AREA DEVELOPMENT PROGRAM (LADP) PUBLIC HEALTH, LIVELIHOOD DEVELOPMENT AND DOWNSTREAM FISHERIES PLANS; NAMELY LADP IMPLEMENTATION CONSULTANTS (LADP-ICS)	LIST OF STRUCTURES		SCALE
			03				SUBMITTED					
			02				RECOMMENDED					
			01				CHD./VER.					
			REV.	DATE	DESCRIPTION	APPROVED	APPROVED			DATE	DRAWING No.	REV.
									JUNE, 2026	4520/102/C/1A003		

TYPICAL CROSS SECTIONS



TYPICAL CROSS SECTION MODULE-1
(CUT = 80-100%)
(FILL = 0-20%)

NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHER WISE NOTED.
2. FOR SHOULDER DETAILS REFER SLOPE PROTECTION DRAWINGS.

CLIENT		CONSULTANT		04		DRAWN		Faisal		PROJECT		TYPICAL CROSS SECTION ROAD WORKS		SCALE							
 WATER AND POWER DEVELOPMENT AUTHORITY (WAPDA)		 NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.		03		SUBMITTED				DETAILED DESIGN AND CONSTRUCTION SUPERVISION / IMPLEMENTATIONS OF LOCAL AREA DEVELOPMENT PROGRAM (LADP) PUBLIC HEALTH, LIVELIHOOD DEVELOPMENT AND DOWNSTREAM FISHERIES PLANS; NAMELY LADP IMPLEMENTATION CONSULTANTS (LADP-ICS)		DATE JUNE, 2026		DRAWING No. 4520/102/C/XS001		REV. 0					
				02		RECOMMENDED															
				01		CHD./VER.															
				REV.		DATE		DESCRIPTION										APPROVED		APPROVED	
				HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.																	