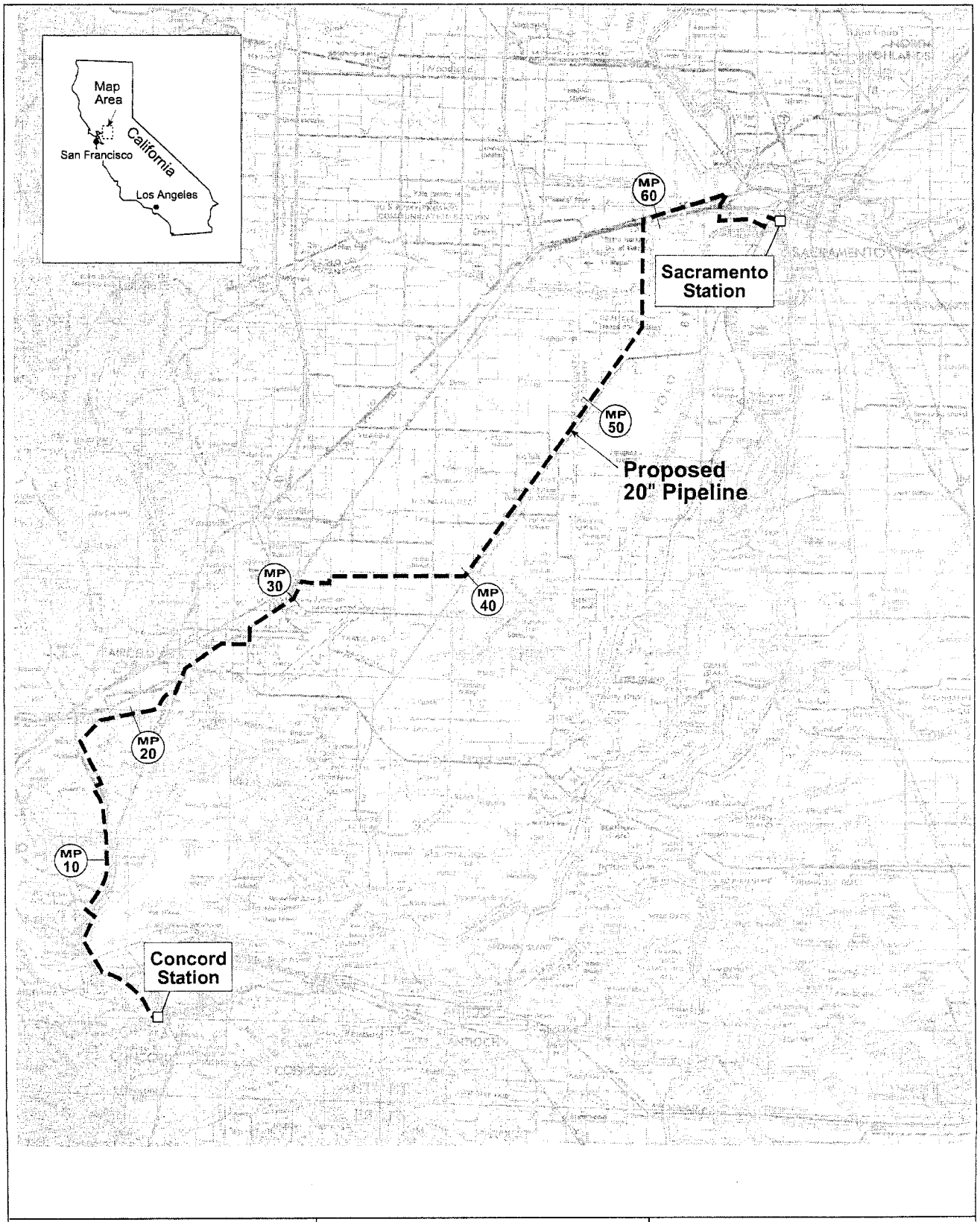


Applicant: SFPP, L.P.
1100 Town and County Road, Orange, CA 92868

Purpose: Replacement of an existing refined petroleum products pipeline between Concord and Sacramento, CA

Counties: Contra Costa, Solano and Yolo

0 2 4 6 8 10 miles

N

PROJECT LOCATION

URS

Figure 1

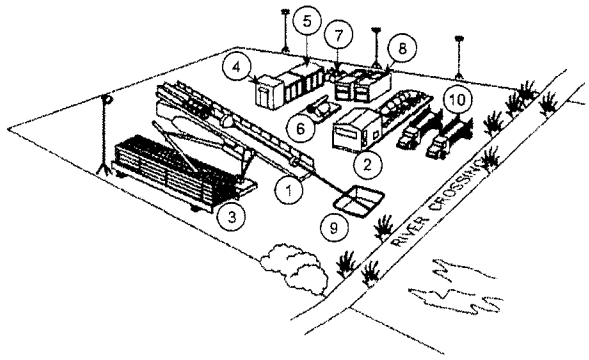
27652008.00500/070803/gos

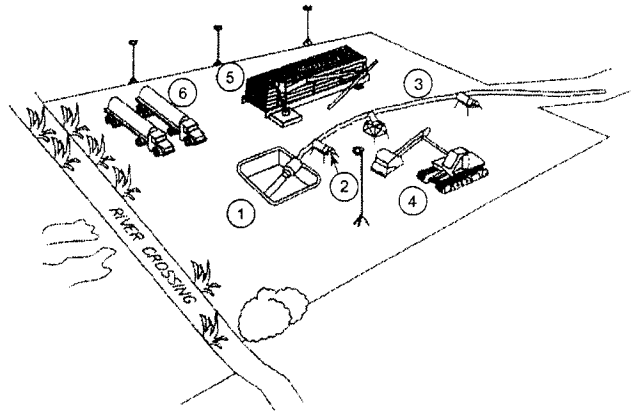
WORK AREA AT ENTRY POINT

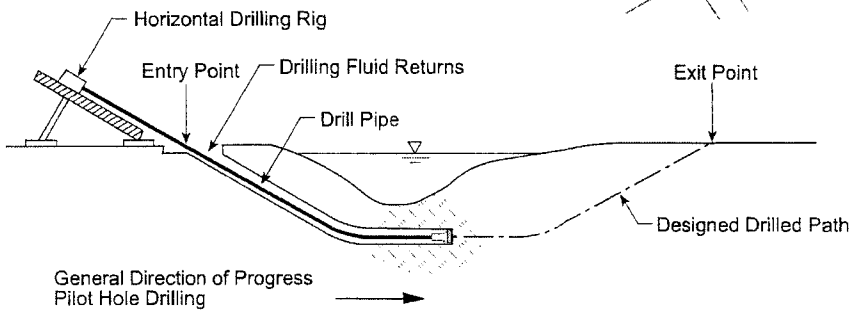
1. Rig Unit
2. Control Cab/Power Unit
3. Drill Pipe
4. Slurry Mixing Tank
5. Cutting Separation Equipment
6. Slurry Pump
7. Bentonite Storage
8. Power Generators
9. Entry Point and Mud Pond
10. Construction Parking and Misc. Storage

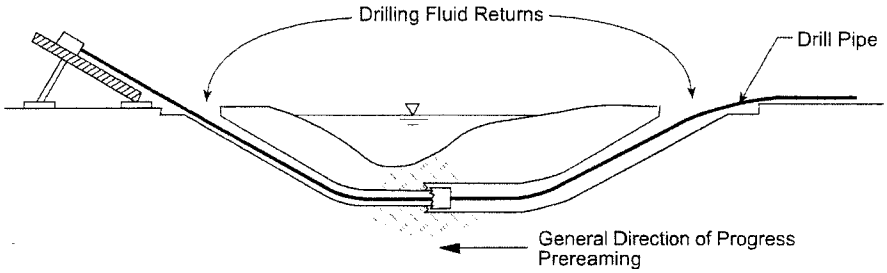
WORK AREA AT EXIT POINT

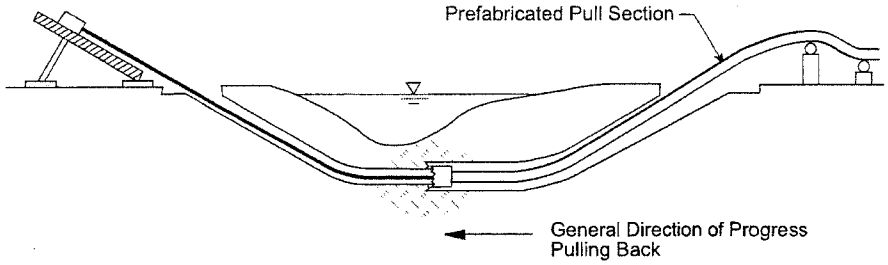
1. Exit Point
2. Pipeline Rollers
3. 10 in Pipeline
4. Construction Equipment
5. Drill Pipe
6. Vacuum Trucks





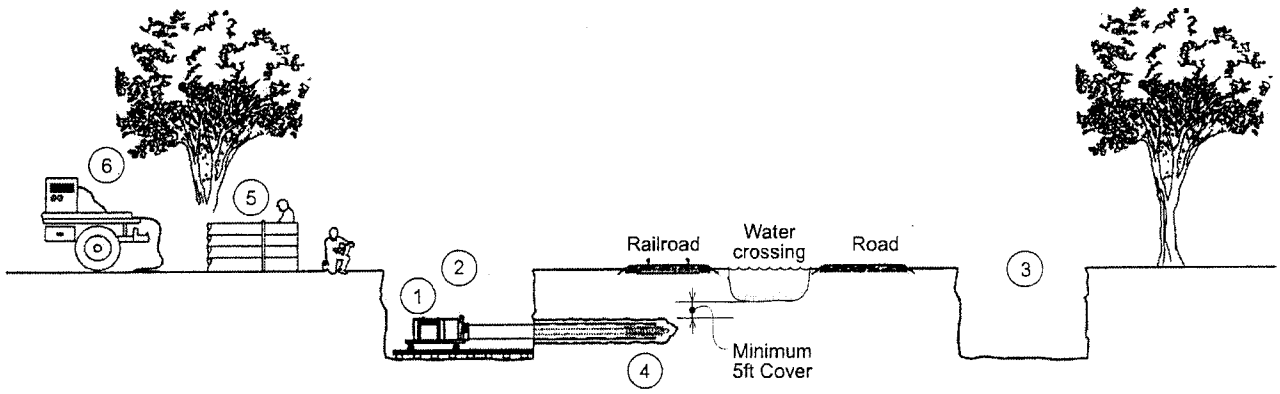






Applicant: SFPP, L.P. 1100 Town and County Road, Orange, CA 92868 Purpose: Replacement of an existing refined petroleum products pipeline between Concord and Sacramento, CA Counties: Contra Costa, Solano and Yolo	Not to Scale	TYPICAL HORIZONTAL DIRECTIONAL DRILL CROSSING URS — Figure 2

27652008.00500/070803/gos

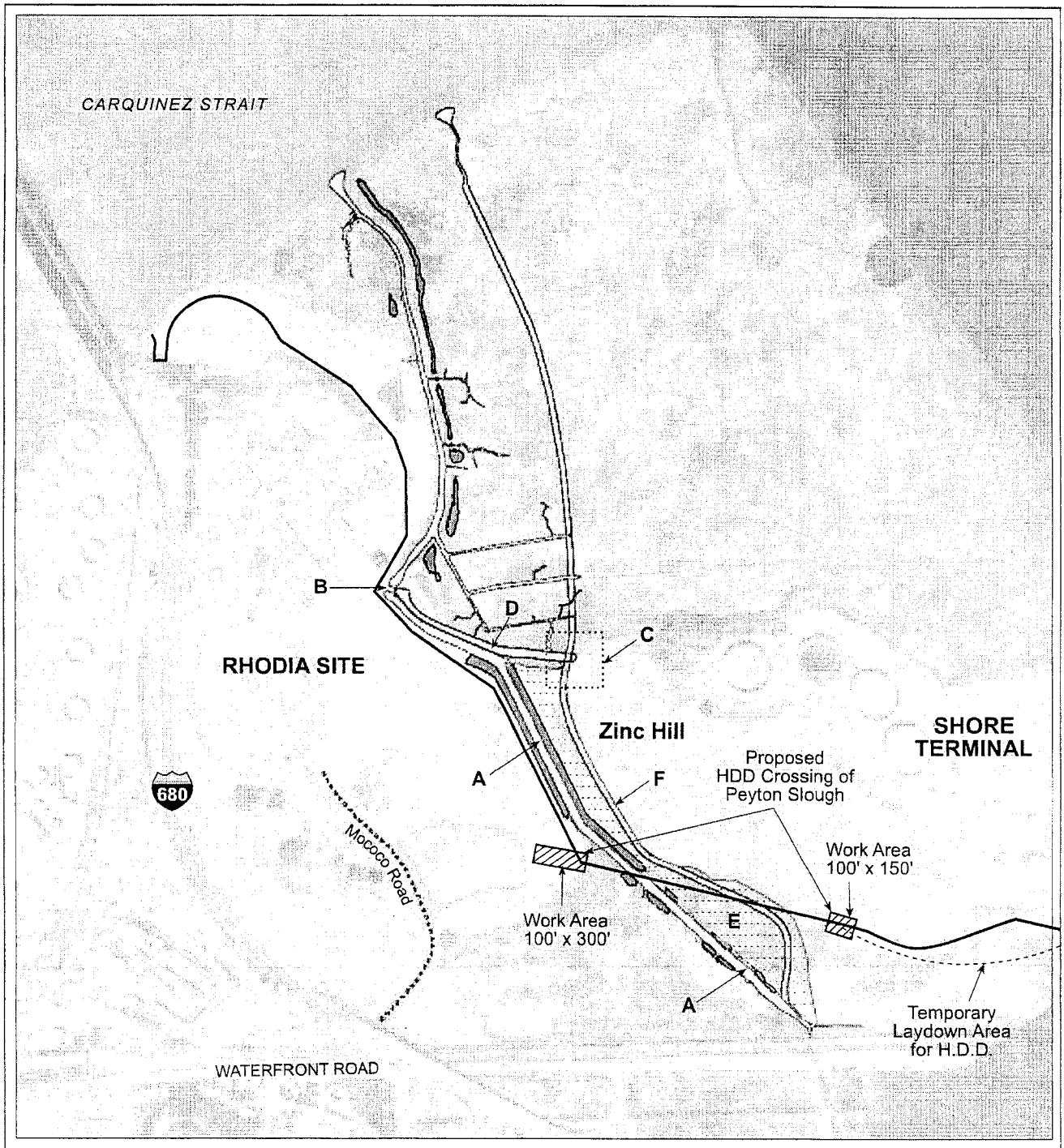


LEGEND

1. Drill Machine
2. Entry Pit
3. Receiving Pit
4. Drill/Casing Pipe
5. Drill/Casing Pipe Supply
6. Welding Crew

Applicant: SFPP, L.P. 1100 Town and County Road, Orange, CA 92868 Purpose: Replacement of an existing refined petroleum products pipeline between Concord and Sacramento, CA Counties: Contra Costa, Solano and Yolo	Not to Scale	TYPICAL BORE CROSSING URS Figure 3

27652008.00500/070803/gos



LEGEND:

- **A** - Existing Peyton Slough
- **B** - Existing Tide Gate
- **C** - New Tide Gate Locations
- **D** - Levee
- **E** - Rhodia Wetland Restoration
- **F** - New Peyton Slough Alignment
- Proposed SFPP Pipeline Alignment

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1100 Town and County Road, Orange, CA 92868

Purpose: Replacement of an existing refined petroleum products pipeline between Concord and Sacramento, CA

Counties: Contra Costa, Solano and Yolo

0 500 1000 feet

N

Datum: NGVD 29, Port Chicago

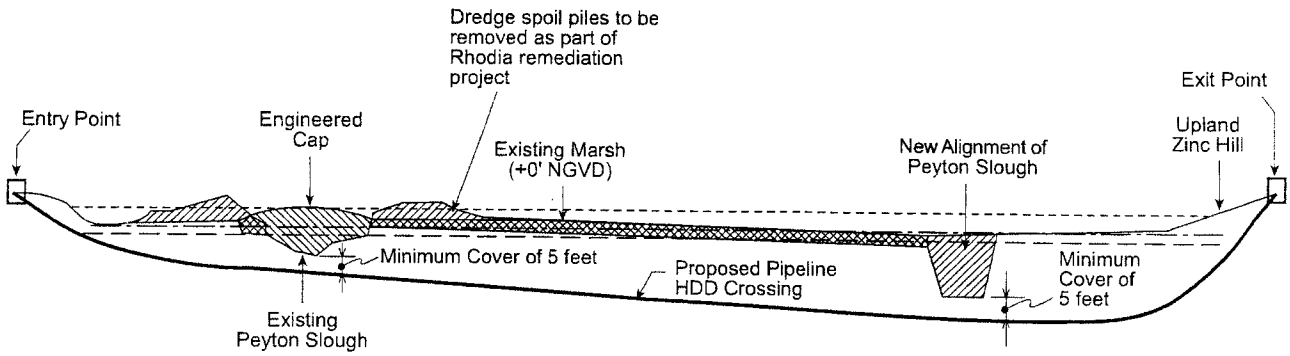
MHW = +2.69' NGVD
OHW = +0' NGVD
MLW = -0.92' NGVD

PLAN VIEW
LOCATION OF PROPOSED SFPP PIPELINE RELATIVE TO PROPOSED PEYTON SLOUGH REMEDIATION PROJECT

URS

Figure 4

27652008.00500/070803/gos



LEGEND

Areas to be excavated as part of the Peyton Slough Remediation Project

Areas to be filled as part of the Peyton Slough Remediation Project

MHW = +2.69' NGVD

OHW = +0' NGVD

MLW = -0.92' NGVD

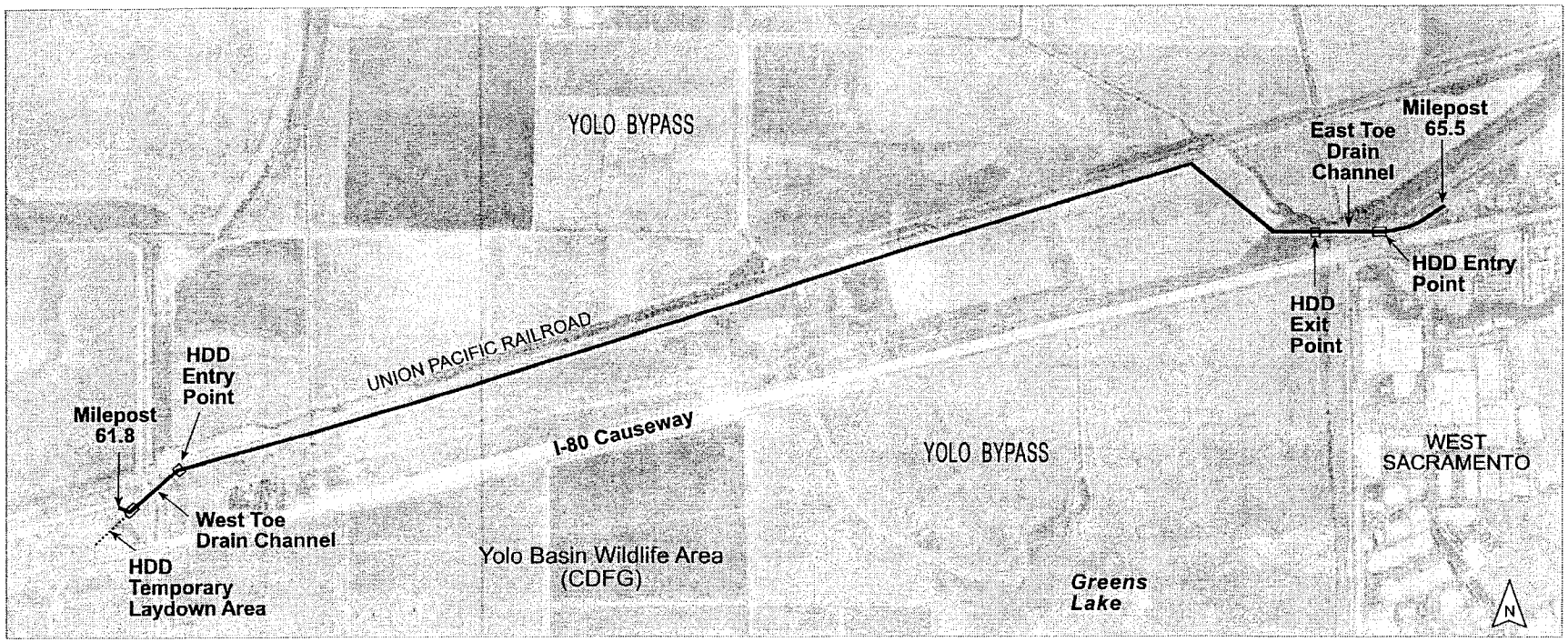
Proposed Pipeline Drill Path

Datums: NGVD 29, Port Chicago Station

Applicant: SFPP, L.P. 1100 Town and County Road, Orange, CA 92868 Purpose: Replacement of an existing refined petroleum products pipeline between Concord and Sacramento, CA Counties: Contra Costa, Solano and Yolo	Not to Scale	CROSS SECTION OF PROPOSED PEYTON SLOUGH HDD CROSSING URS Figure 5

27652008.00500/070803/gos

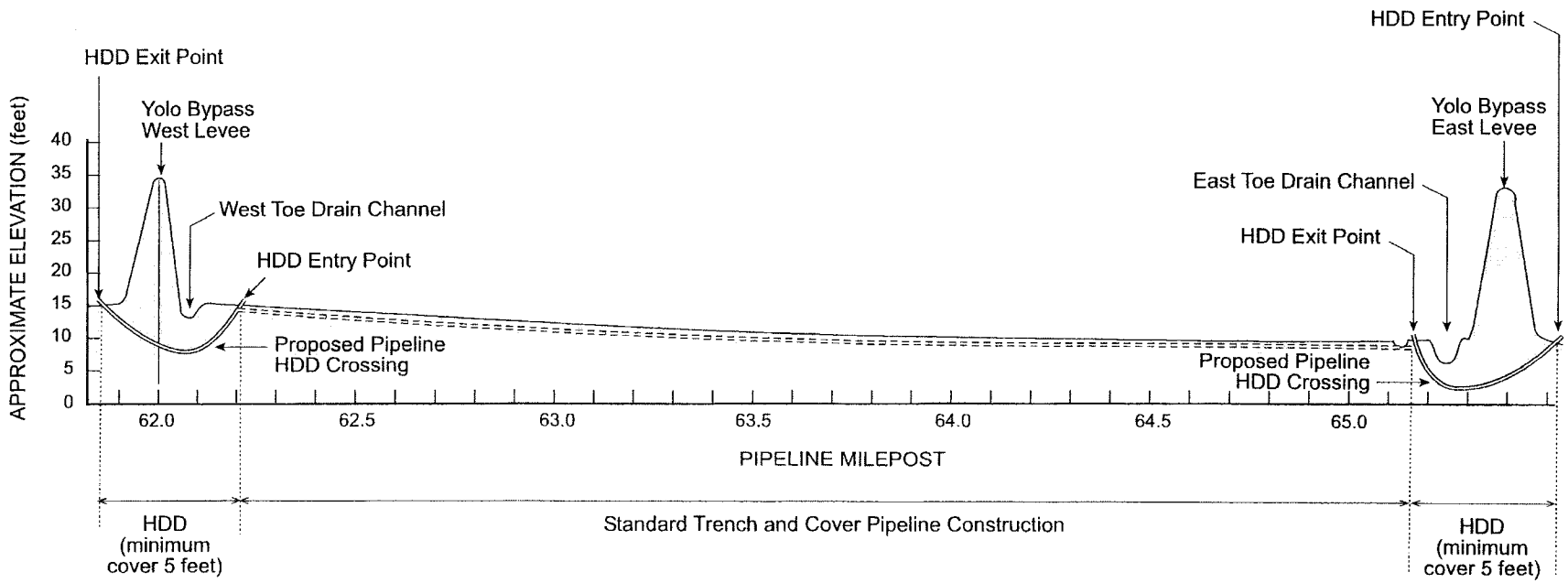
PLAN VIEW



Applicant: SFPP, L.P. 1100 Town and County Road, Orange, CA 92868 Purpose: Replacement of an existing refined petroleum products pipeline between Concord and Sacramento, CA Counties: Contra Costa, Solano and Yolo	Horizontal and Vertical Scales are approximate	YOLO BYPASS CROSSING PLAN VIEW URS Figure 6

27652008.00500/071703/gos

CROSS SECTION



Applicant: SFPP, L.P. 1100 Town and County Road, Orange, CA 92868 Purpose: Replacement of an existing refined petroleum products pipeline between Concord and Sacramento, CA Counties: Contra Costa, Solano and Yolo	Horizontal and Vertical Scales are approximate	YOLO BYPASS CROSSING CROSS SECTION URS Figure 7

27652008.00500/071703/gos

TABLE 1
Temporary Impacts to Jurisdictional Waters of the U.S.

Jurisdictional Type	Affected Area (acres)	Number of Features in the Study Area[1]
Freshwater Marsh	2.18	12
Seasonal Marsh	44.20	101
Seasonal Alkali Marsh	14.99	30
Brackish Marsh	1.39	11
Seasonal Seep	0.15	3
Riparian Forest	0.89	9
Riparian Scrub	0.28	2
Vernal Pool	0.77	23
Total All Wetlands	**64.85**	191
Non-Wetland Waters of the U.S.	3.16	79
Total All Jurisdictional Waters	**68.01**	**270**
Non-Jurisdictional Waters	1.68	30

Notes:

[1] Number of jurisdictional features of each type delineated in the study area.