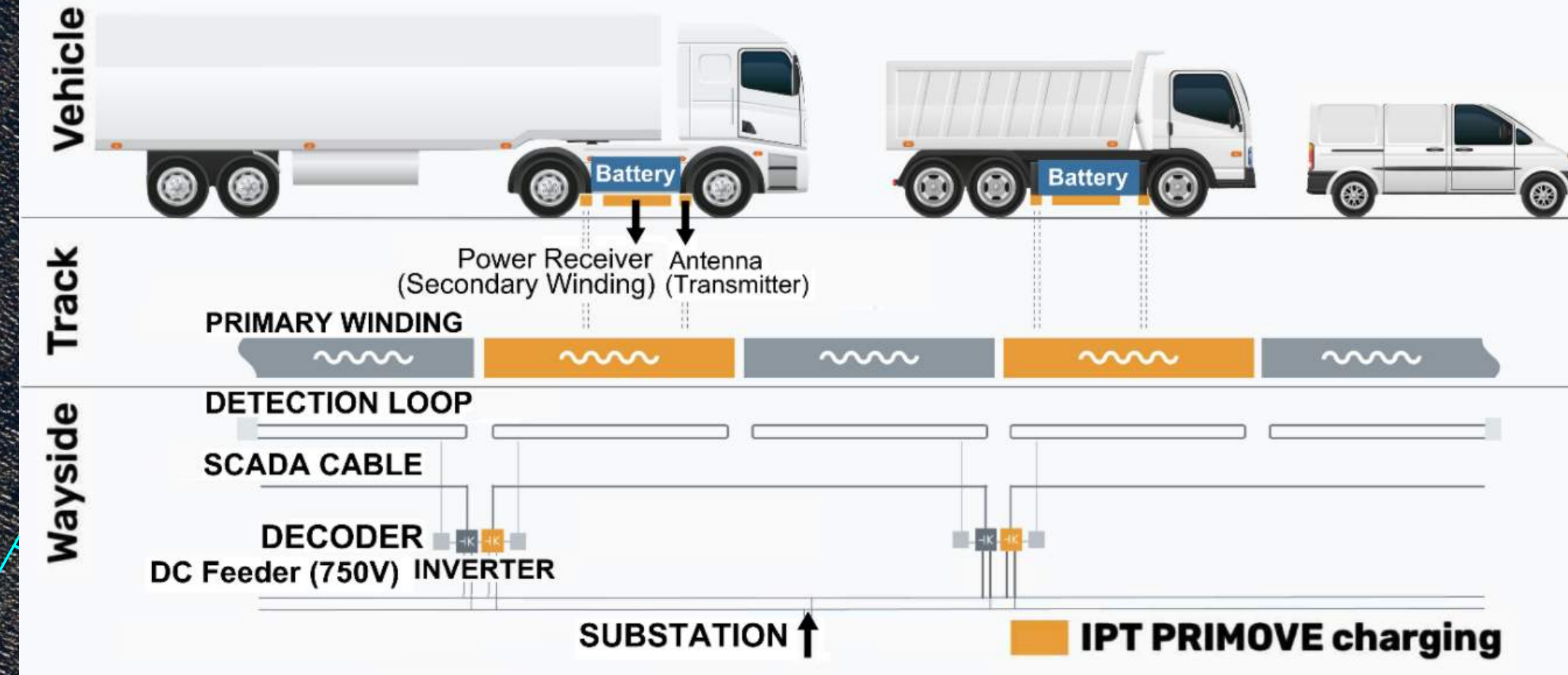


## Wireless System Components

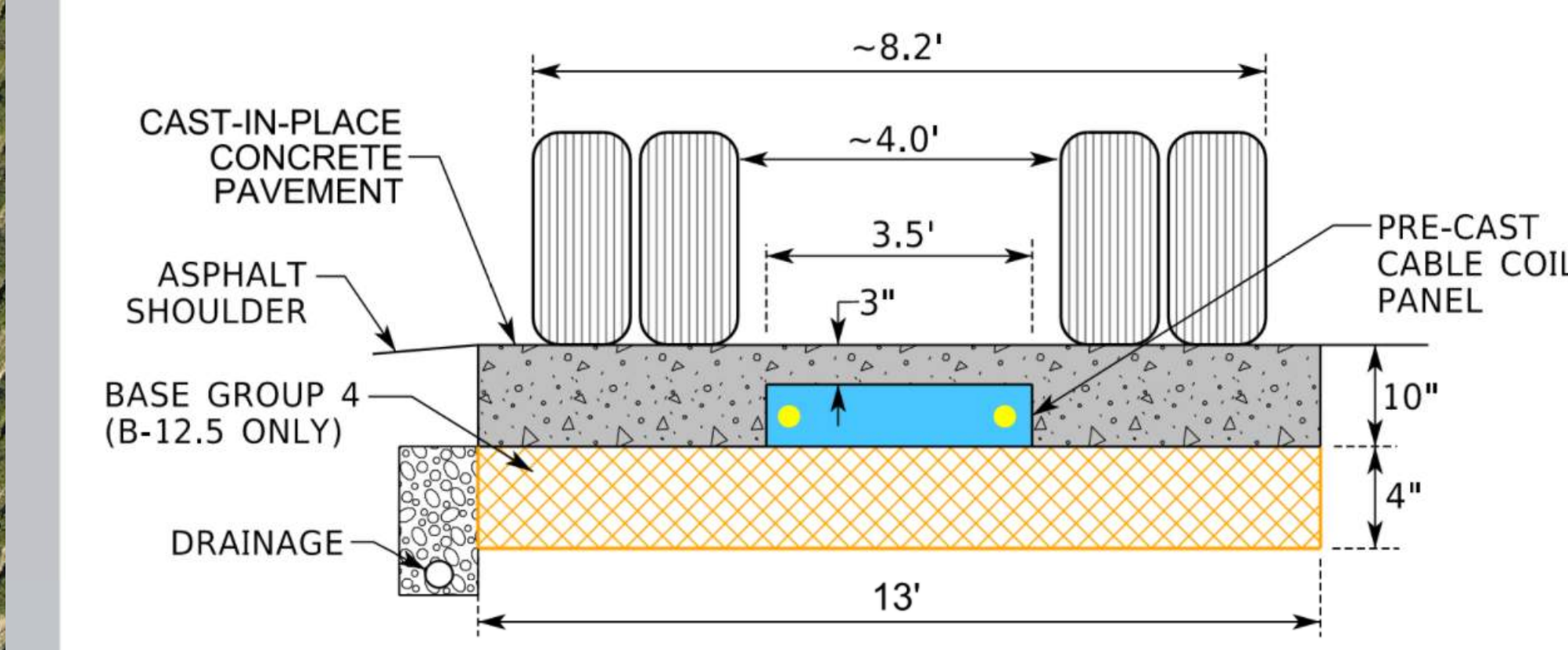


## Dynamic Wireless Charging



## Pavement Structure

Transversal Cut



## LEGEND

PROPOSED ROADWAY	PROPOSED CROSS DRAIN
PROPOSED BRIDGE	EXISTING R/W
PROPOSED CONC. PAVEMENT W/ DYNAMIC WIRELESS CHARGING	PROPERTY LINE
PROPOSED POND	PROPOSED LA R/W
SOD	PROPOSED R/W
PROPOSED TRAIL/PATH	FPC
FLOODPLAIN COMP. POND	

**BEGIN DYNAMIC WIRELESS CHARGING**

**END DYNAMIC WIRELESS CHARGING**

**END PROJECT 516-236  
BEGIN PROJECT 516-237  
(SEE SEGMENT 2 BOARD)**

- PILOT PROJECT TO PROVIDE WIRELESS POWER TO SPECIALLY EQUIPPED EVS AS VEHICLES DRIVE ALONG SR 516
- FIRST APPLICATION OF WIRELESS POWER TRANSFER ON HIGH-SPEED LIMITED ACCESS ROADWAY
- WIRELESS POWER TRANSFER COILS EMBEDDED IN CONCRETE PAVEMENT
- WIRELESS POWER TRANSFER IN OUTSIDE LANE OF WB SR 516 ONLY

- WIRELESS POWER TRANSFER FIELD ALONG CENTER OF LANE ONLY WHEN SPECIALLY EQUIPPED EVS ACTIVATE SYSTEM
- INDIVIDUAL SEGMENTS TO TURN ON AND OFF AS SPECIALLY EQUIPPED EVS DRIVE OVER SYSTEM
- SAFE FOR ALL VEHICLES TO USE; NO IMPACTS TO NON-EQUIPPED VEHICLES
- ROADSIDE EQUIPMENT LOCATED ALONG THE SHOULDER BEHIND GUARDRAIL

# PILOT IN-PAVEMENT DYNAMIC WIRELESS CHARGING